

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141317.D
 Acq On : 30 Jan 2025 17:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 30 17:29:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152166	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	600730	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	318043	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	524865	20.000	ng	0.00
76) Chrysene-d12	13.969	240	313584	20.000	ng	0.00
86) Perylene-d12	15.421	264	305879	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	741443	74.804	ng	0.00
7) Phenol-d6	6.428	99	946409	75.058	ng	-0.01
23) Nitrobenzene-d5	7.363	82	856796	75.187	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	221366	75.922	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1491303	72.173	ng	0.00
79) Terphenyl-d14	12.910	244	1454264	71.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	165753	38.024	ng	99
3) Pyridine	3.210	79	406932	38.745	ng	99
4) n-Nitrosodimethylamine	3.169	42	235169	39.195	ng	100
6) Aniline	6.463	93	415334	38.913	ng	100
8) 2-Chlorophenol	6.581	128	401939	37.834	ng	100
9) Benzaldehyde	6.346	77	264330	36.192	ng	100
10) Phenol	6.440	94	508001	38.006	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	390002	38.055	ng	100
12) 1,3-Dichlorobenzene	6.740	146	443952	37.900	ng	98
13) 1,4-Dichlorobenzene	6.816	146	447466	38.025	ng	99
14) 1,2-Dichlorobenzene	6.969	146	409925	37.202	ng	99
15) Benzyl Alcohol	6.940	79	331434	38.463	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	684449	38.406	ng	100
17) 2-Methylphenol	7.051	107	327520	37.933	ng	99
18) Hexachloroethane	7.310	117	166428	38.337	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	276102	36.851	ng	97
20) 3+4-Methylphenols	7.204	107	398201	37.561	ng	98
22) Acetophenone	7.210	105	521502	36.522	ng	99
24) Nitrobenzene	7.381	77	453119	38.370	ng	99
25) Isophorone	7.622	82	746516	37.898	ng	99
26) 2-Nitrophenol	7.698	139	215214	38.642	ng	99
27) 2,4-Dimethylphenol	7.734	122	271163m	38.252	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	472579	37.611	ng	99
29) 2,4-Dichlorophenol	7.940	162	327660	37.756	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	368832	37.214	ng	99
31) Naphthalene	8.104	128	1160672	36.574	ng	100
32) Benzoic acid	7.851	122	278923	42.801	ng	100
33) 4-Chloroaniline	8.151	127	382581	35.551	ng	99
34) Hexachlorobutadiene	8.222	225	216158	37.191	ng	100
35) Caprolactam	8.522	113	108611	38.321	ng	100
36) 4-Chloro-3-methylphenol	8.634	107	352929	37.913	ng	98
37) 2-Methylnaphthalene	8.792	142	737499	36.564	ng	100
38) 1-Methylnaphthalene	8.892	142	735193	37.106	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	340402	37.622	ng	99
41) Hexachlorocyclopentadiene	8.945	237	113669	42.539	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	232839	39.316	ng	98

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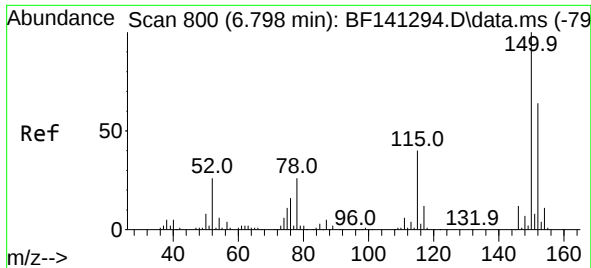
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	239701	37.188	ng	99
46) 1,1'-Biphenyl	9.257	154	915768	36.921	ng	99
47) 2-Chloronaphthalene	9.281	162	714116	36.938	ng	99
48) 2-Nitroaniline	9.381	65	235046	38.652	ng	99
49) Acenaphthylene	9.698	152	1005697	37.162	ng	100
50) Dimethylphthalate	9.563	163	798294	37.164	ng	100
51) 2,6-Dinitrotoluene	9.622	165	190942	38.284	ng	99
52) Acenaphthene	9.869	154	724533	37.475	ng	100
53) 3-Nitroaniline	9.792	138	184620	37.768	ng	99
54) 2,4-Dinitrophenol	9.898	184	98889	42.653	ng	99
55) Dibenzofuran	10.045	168	954846	36.896	ng	100
56) 4-Nitrophenol	9.945	139	143195	40.054	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247566	38.338	ng	98
58) Fluorene	10.386	166	732351	36.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	195149	38.484	ng	99
60) Diethylphthalate	10.263	149	783101	37.599	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	361825	36.900	ng	100
62) 4-Nitroaniline	10.404	138	184698	38.432	ng	99
63) Azobenzene	10.539	77	784576	37.633	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	140200	45.159	ng	99
66) n-Nitrosodiphenylamine	10.498	169	645313	38.013	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	225156	38.318	ng	100
68) Hexachlorobenzene	10.933	284	237593	38.118	ng	100
69) Atrazine	11.028	200	204174	35.972	ng	98
70) Pentachlorophenol	11.128	266	157977	43.282	ng	98
71) Phenanthrene	11.351	178	1069469	37.906	ng	100
72) Anthracene	11.398	178	1054198	38.134	ng	100
73) Carbazole	11.557	167	935132	38.149	ng	100
74) Di-n-butylphthalate	11.892	149	1180762	39.747	ng	100
75) Fluoranthene	12.539	202	1083222	38.884	ng	100
77) Benzidine	12.663	184	434882	43.259	ng	100
78) Pyrene	12.769	202	1099785	36.536	ng	99
80) Butylbenzylphthalate	13.392	149	417051	39.659	ng	99
81) Benzo(a)anthracene	13.957	228	760962	35.166	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	259833	37.754	ng	99
83) Chrysene	13.992	228	738524	37.240	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	532693	39.932	ng	99
85) Di-n-octyl phthalate	14.569	149	857071	41.365	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	771135	39.060	ng	100
88) Benzo(b)fluoranthene	14.998	252	766715	39.849	ng	99
89) Benzo(k)fluoranthene	15.027	252	627179	36.796	ng	99
90) Benzo(a)pyrene	15.363	252	623454	38.345	ng	100
91) Dibenzo(a,h)anthracene	16.886	278	620159	39.045	ng	98
92) Benzo(g,h,i)perylene	17.310	276	656024	39.722	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

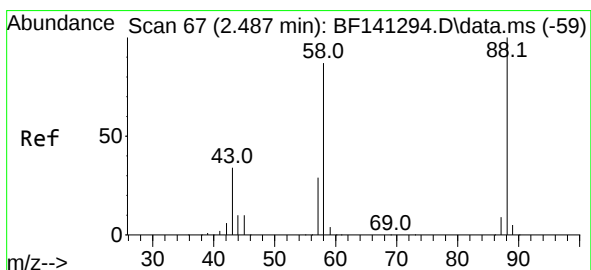
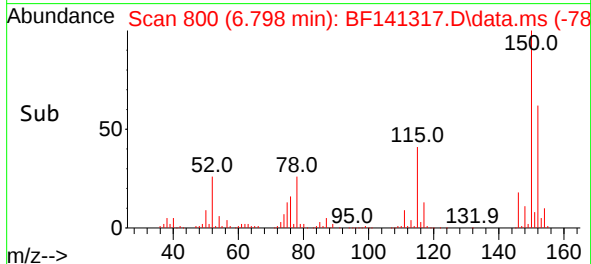
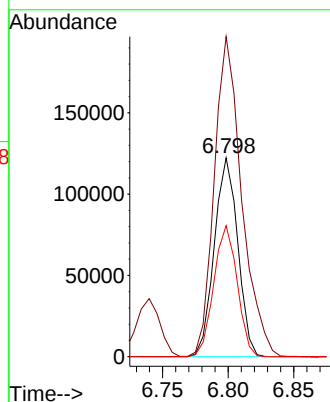
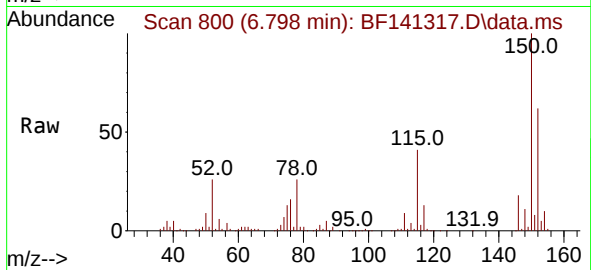
SSTDCCC040EC

Tgt Ion:152 Resp: 152160
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 65.9 49.7 74.5

Manual Integrations

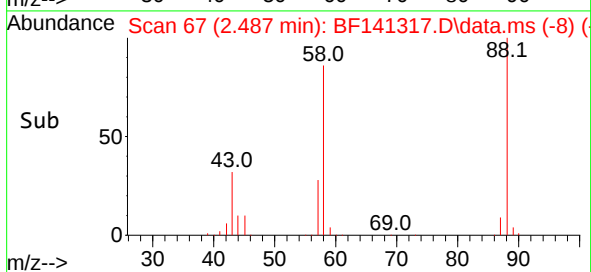
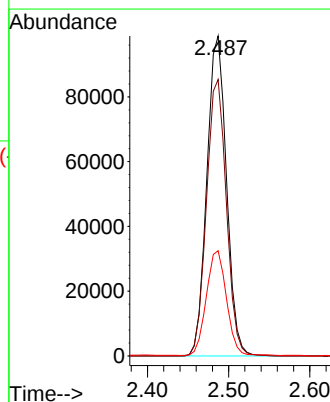
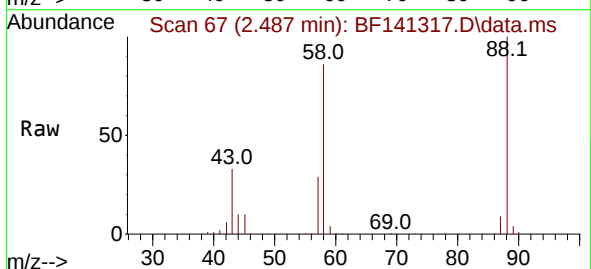
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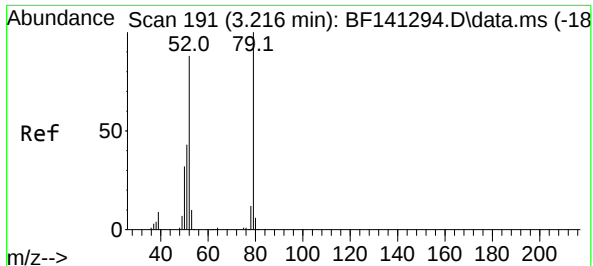
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#2
1,4-Dioxane
Concen: 38.024 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

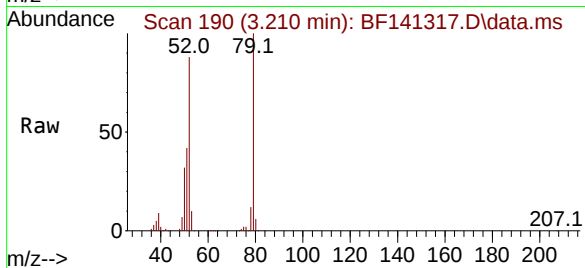
Tgt Ion: 88 Resp: 165753
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.4
43 33.5 27.6 41.4





#3
Pyridine
Concen: 38.745 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

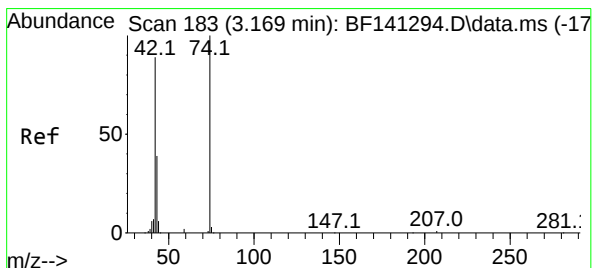
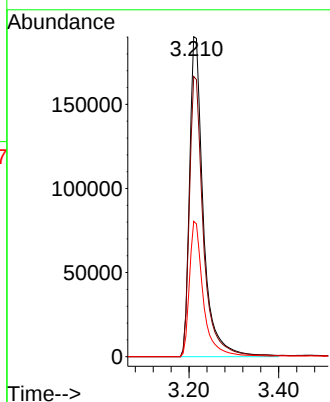
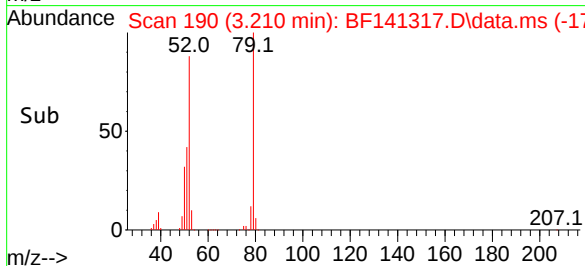
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



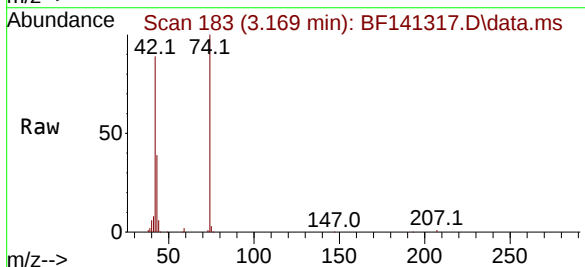
Tgt Ion: 79 Resp: 40693
Ion Ratio Lower Upper
79 100
52 87.6 70.3 105.5
51 42.3 34.3 51.5

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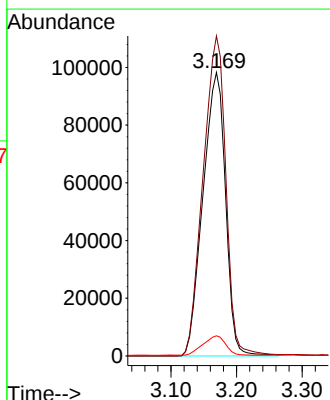
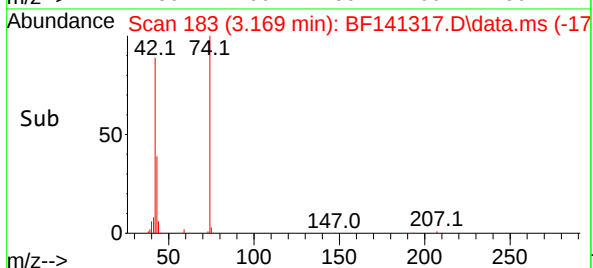
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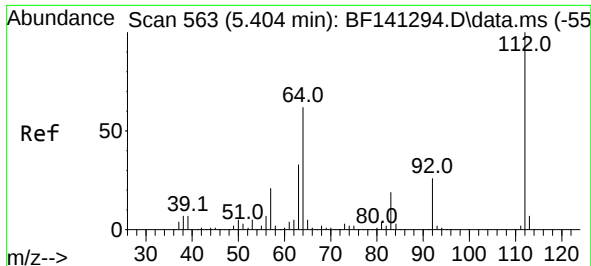


#4
n-Nitrosodimethylamine
Concen: 39.195 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.029 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion: 42 Resp: 235169
Ion Ratio Lower Upper
42 100
74 112.9 90.3 135.5
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 74.804 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

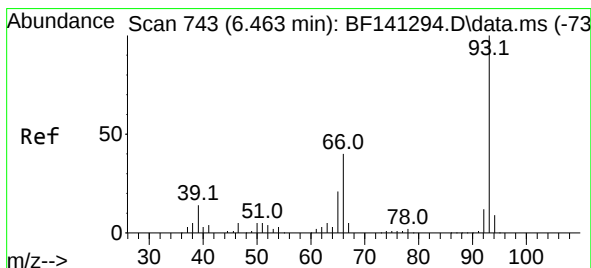
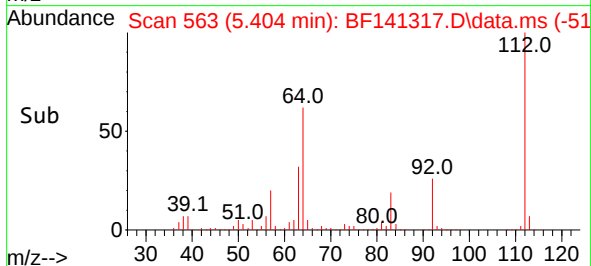
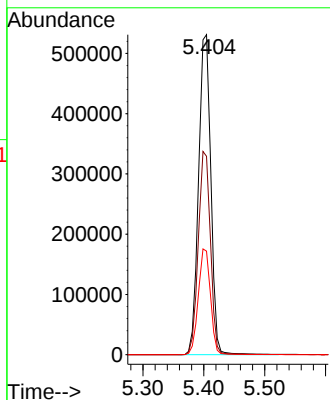
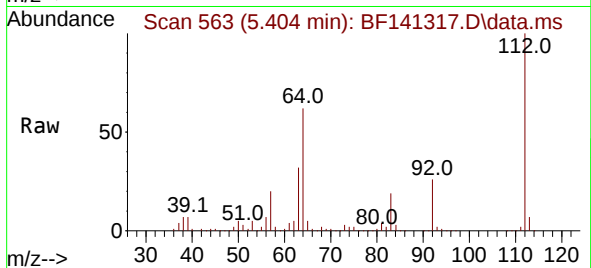
ClientSampleId :

SSTDCCC040EC

Tgt Ion:112 Resp: 74144
Ion Ratio Lower Upper
112 100
64 62.0 49.8 74.8
63 32.4 26.1 39.1

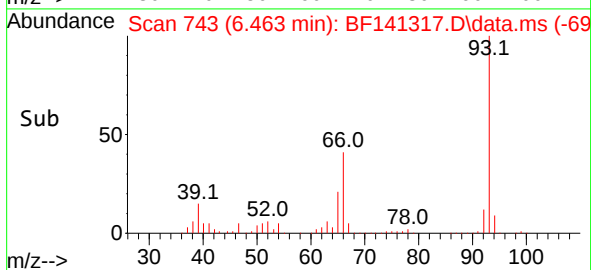
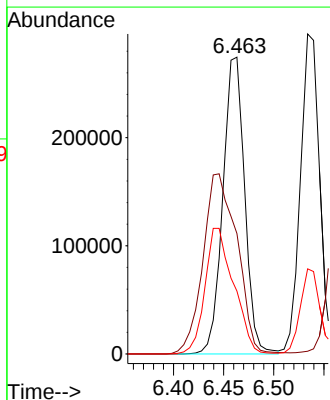
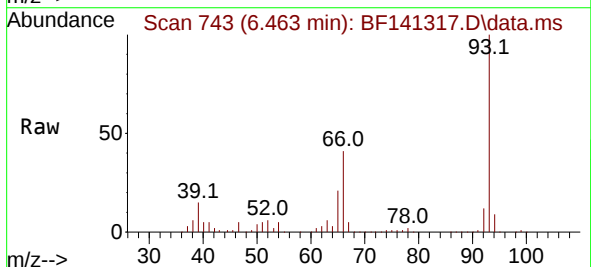
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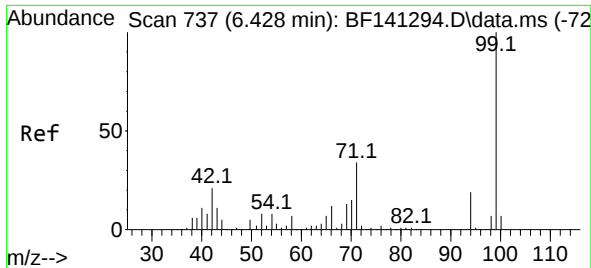
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#6
Aniline
Concen: 38.913 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion: 93 Resp: 415334
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 21.2 17.0 25.6





#7

Phenol-d6

Concen: 75.058 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141317.D

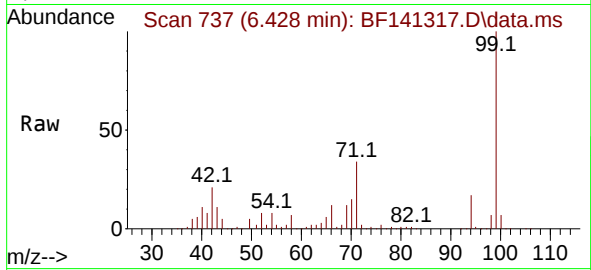
Acq: 30 Jan 2025 17:04

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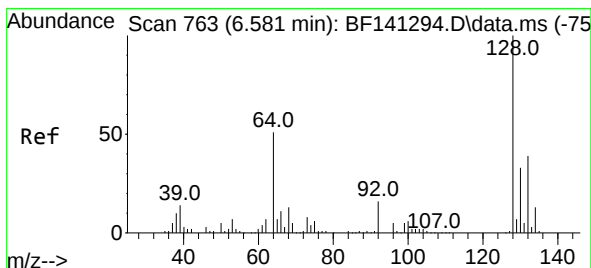
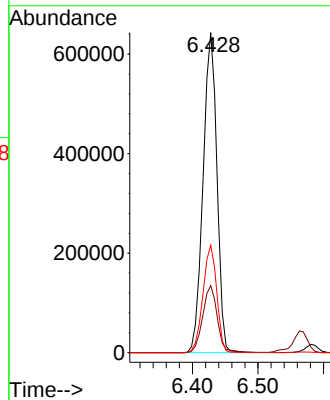
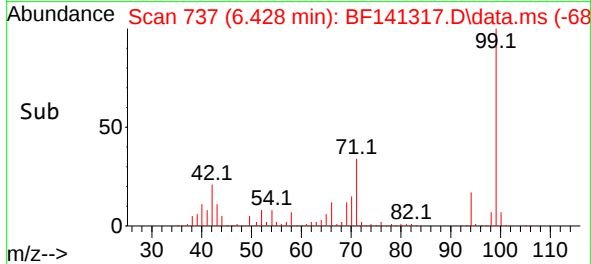
Tgt Ion:	99	Resp:	946409
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.1	25.7
71	33.6	26.9	40.3

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#8

2-Chlorophenol

Concen: 37.834 ng

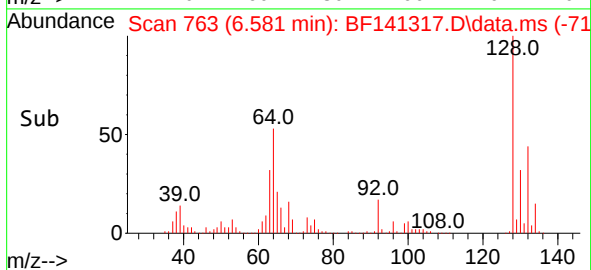
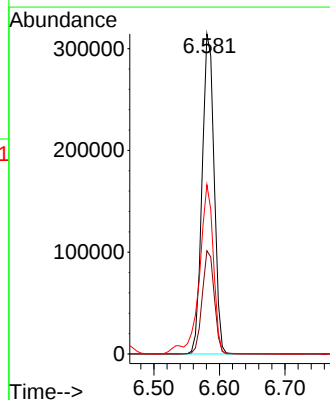
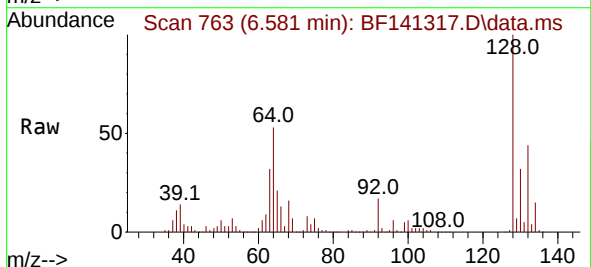
RT: 6.581 min Scan# 763

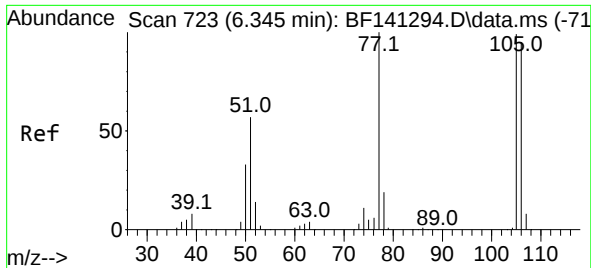
Delta R.T. -0.012 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion:	128	Resp:	401939
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	52.9	32.9	72.9





#9
Benzaldehyde
Concen: 36.192 ng
RT: 6.346 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF141317.D
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ClientSampleId :

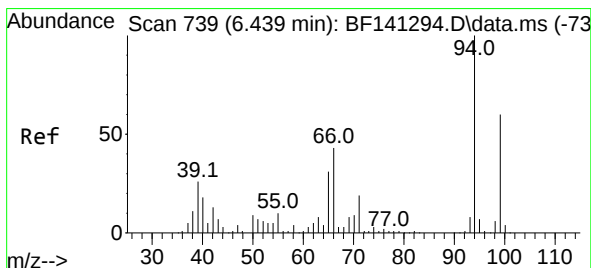
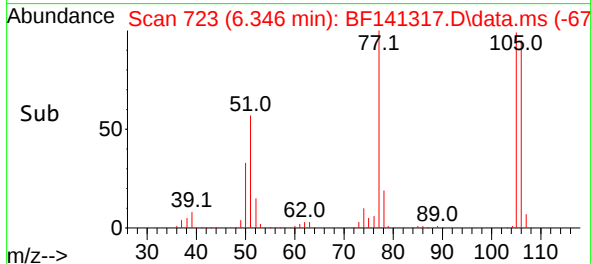
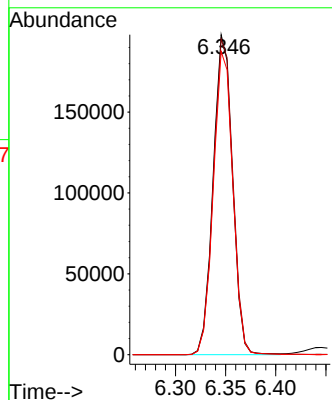
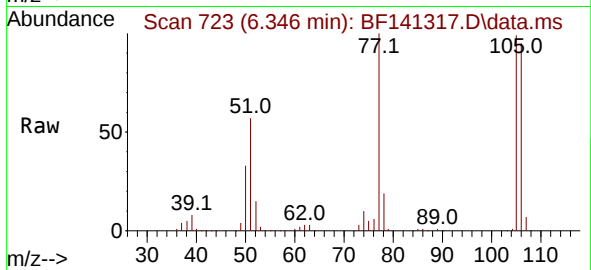
SSTDCCC040EC

Tgt Ion: 77 Resp: 264330
Ion Ratio Lower Upper
77 100
105 98.6 79.4 119.4
106 94.7 74.6 114.6

Manual Integrations

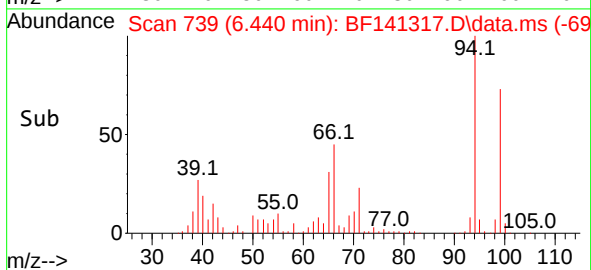
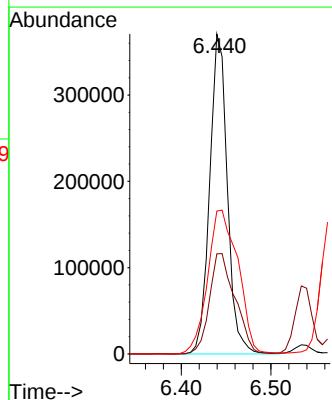
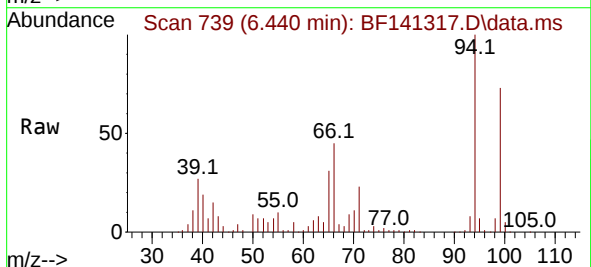
APPROVED

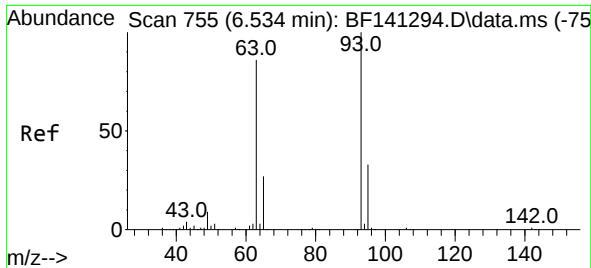
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 38.006 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion: 94 Resp: 508001
Ion Ratio Lower Upper
94 100
65 31.3 10.8 50.8
66 44.7 23.3 63.3





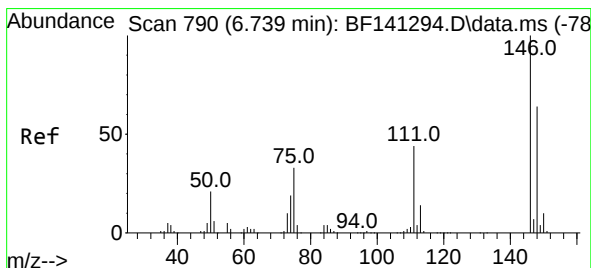
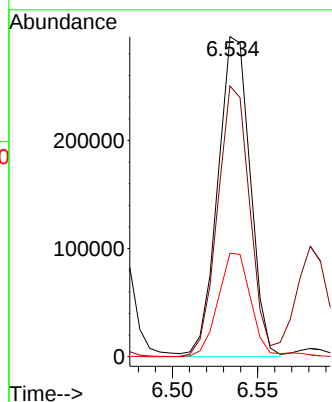
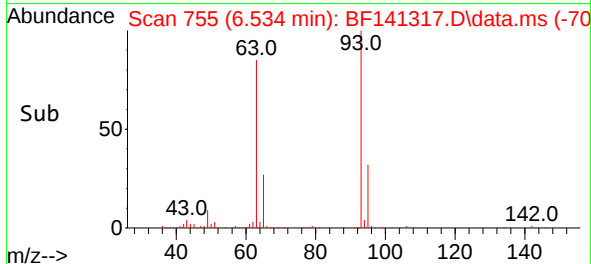
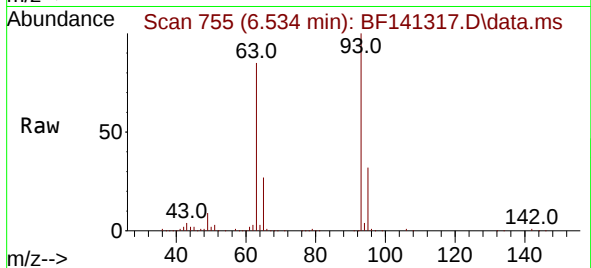
#11
bis(2-Chloroethyl)ether
Concen: 38.055 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 39000
Ion Ratio Lower Upper
93 100
63 84.6 65.0 105.0
95 32.4 12.4 52.4

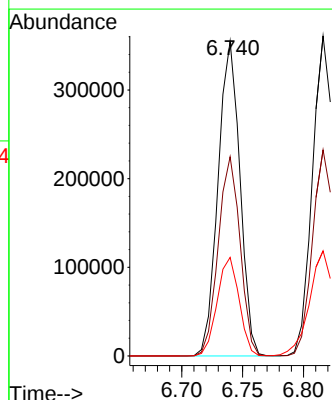
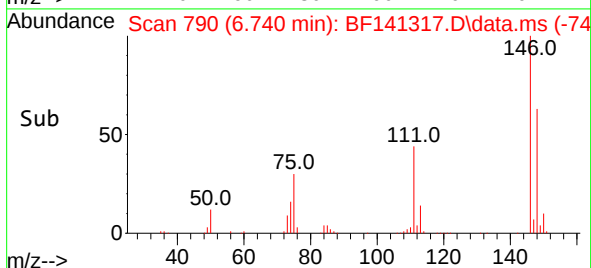
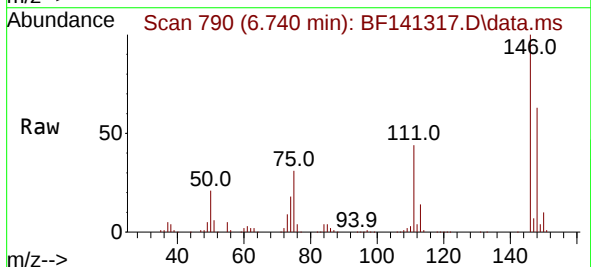
Manual Integrations
APPROVED

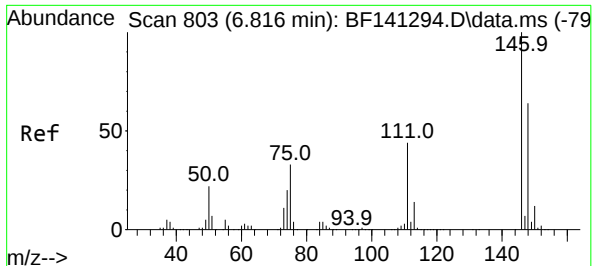
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#12
1,3-Dichlorobenzene
Concen: 37.900 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:146 Resp: 443952
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 31.3 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.025 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 447460

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

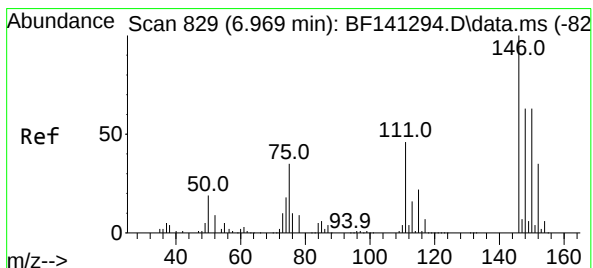
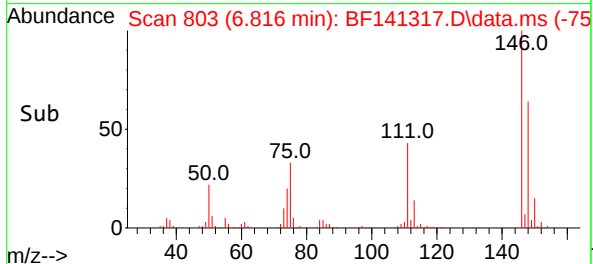
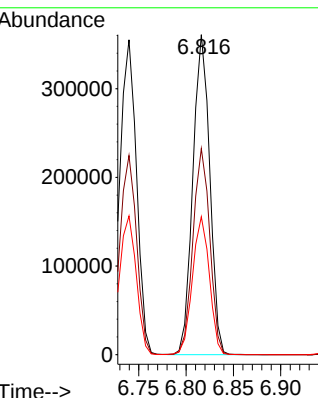
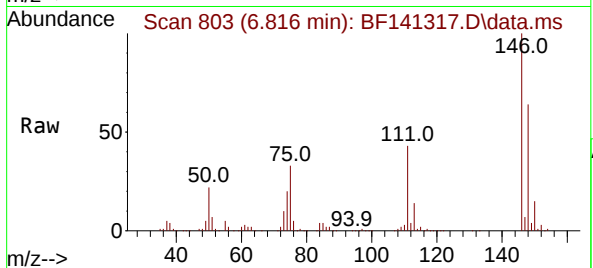
111 43.1 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#14

1,2-Dichlorobenzene

Concen: 37.202 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

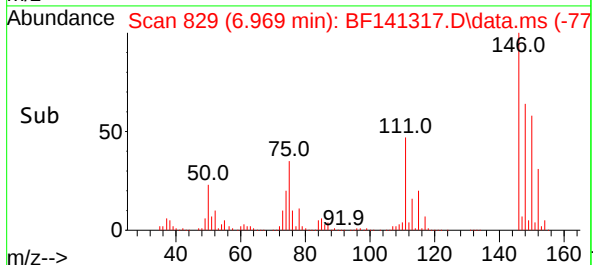
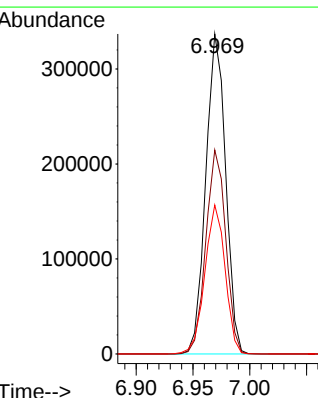
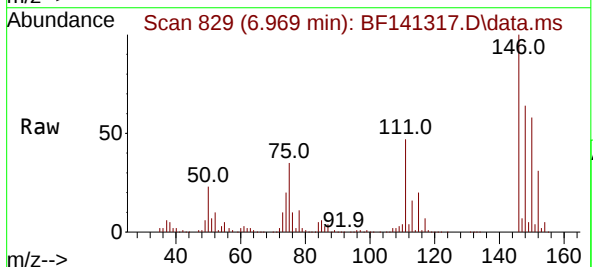
Tgt Ion:146 Resp: 409925

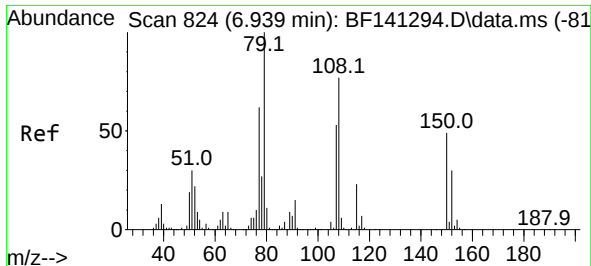
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

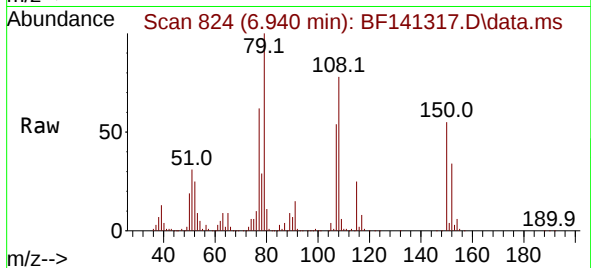
111 46.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 38.463 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

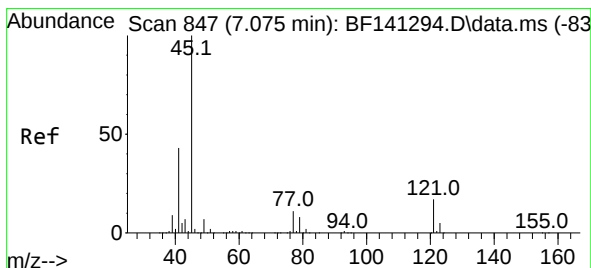
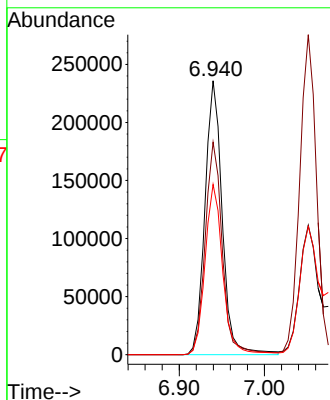
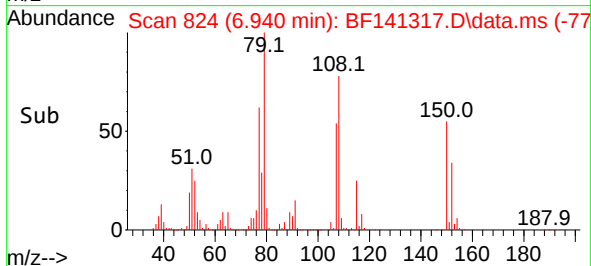
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



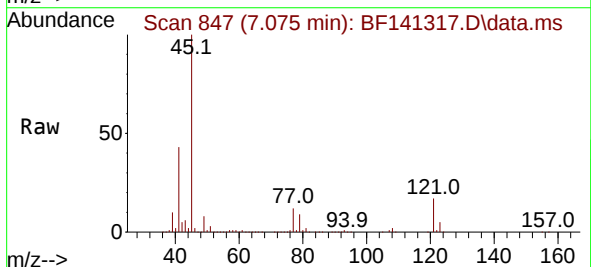
Tgt Ion: 79 Resp: 331434
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.0
77 62.2 49.9 74.9

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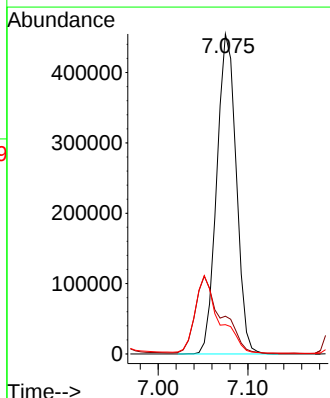
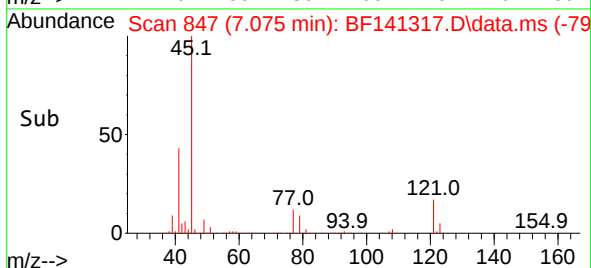
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

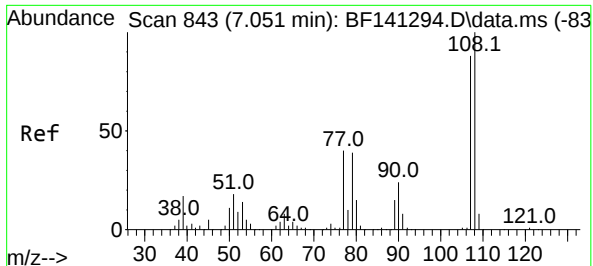


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.406 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion: 45 Resp: 684449
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.2 0.0 29.1





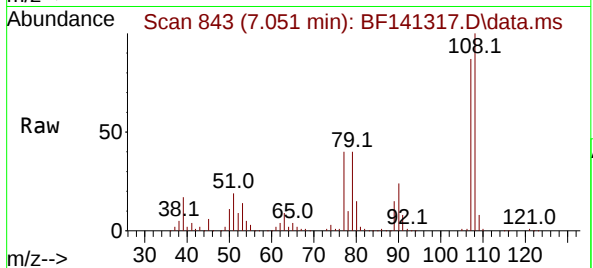
#17
2-Methylphenol
Concen: 37.933 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

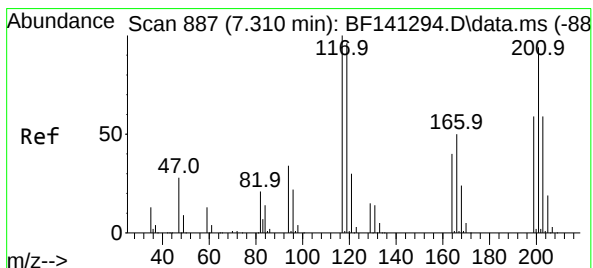
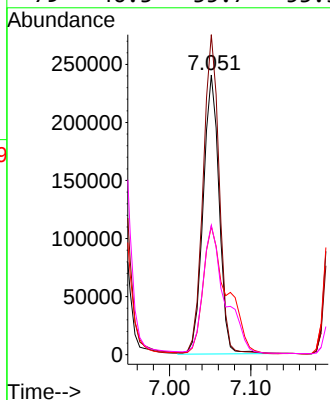
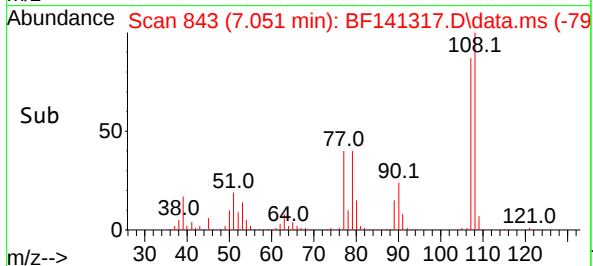


Tgt Ion:107 Resp: 327520
Ion Ratio Lower Upper
107 100
108 114.4 90.8 136.2
77 45.9 36.2 54.4
79 46.3 35.7 53.5

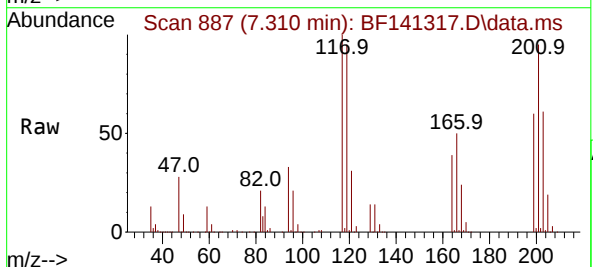
Manual Integrations

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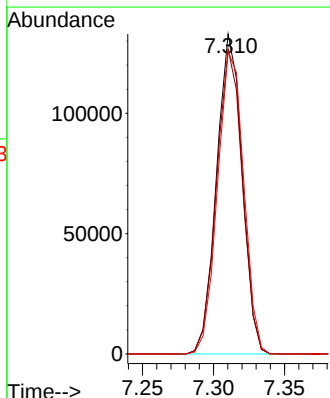
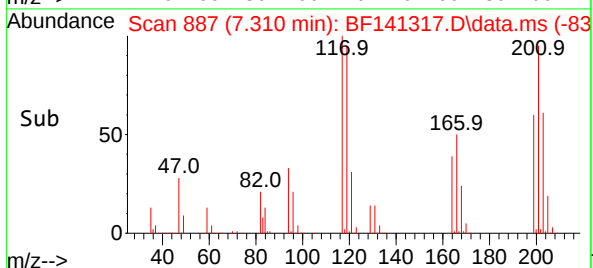
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

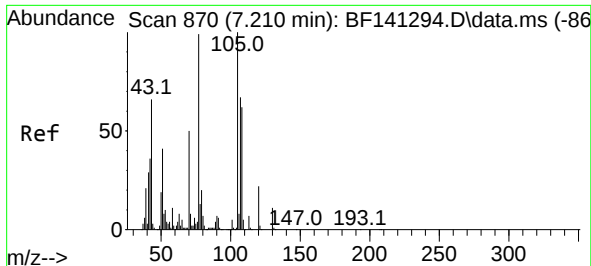


#18
Hexachloroethane
Concen: 38.337 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:117 Resp: 166428
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 94.6 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.851 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141317.D

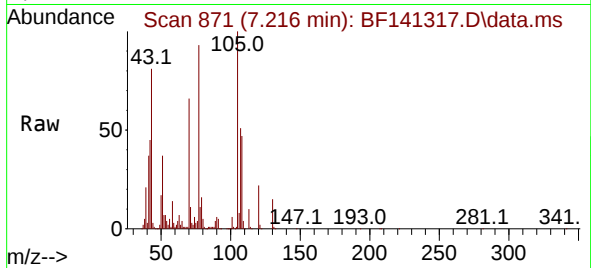
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 27610

Ion Ratio Lower Upper

70 100

42 67.4 56.8 85.2

101 9.7 7.7 11.5

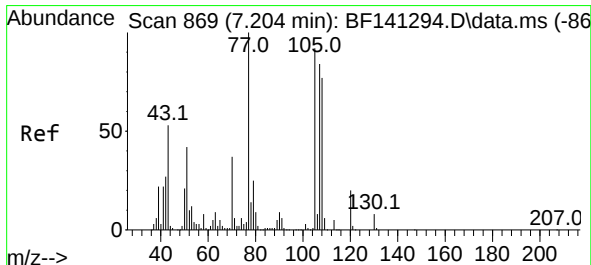
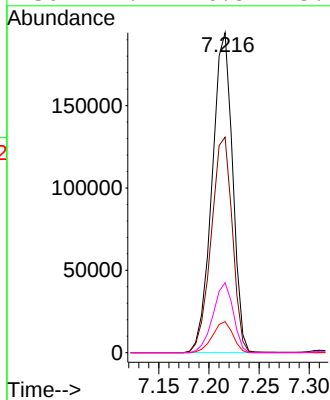
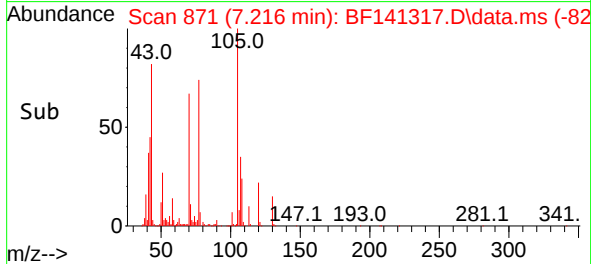
130 21.9 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#20

3+4-Methylphenols

Concen: 37.561 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion:107 Resp: 398201

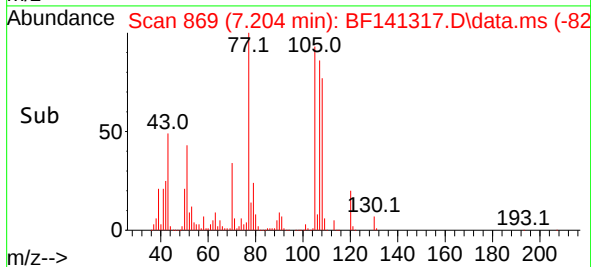
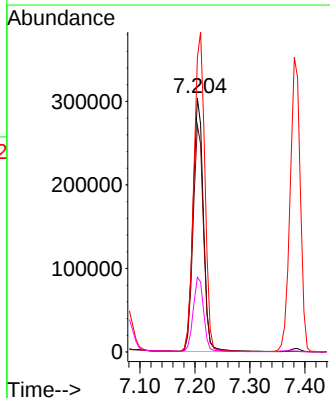
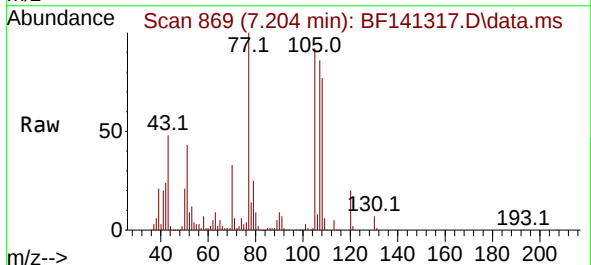
Ion Ratio Lower Upper

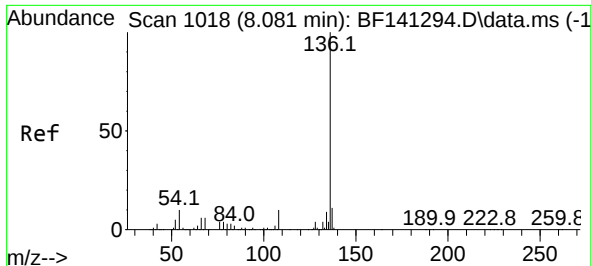
107 100

108 89.3 70.9 110.9

77 115.9 98.5 138.5

79 29.5 9.5 49.5





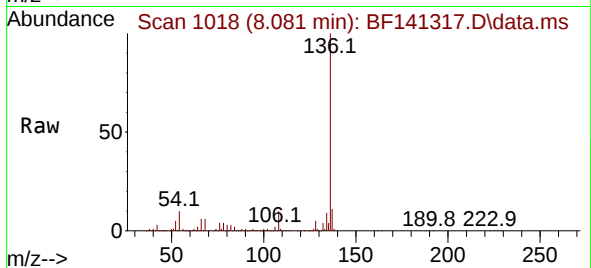
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



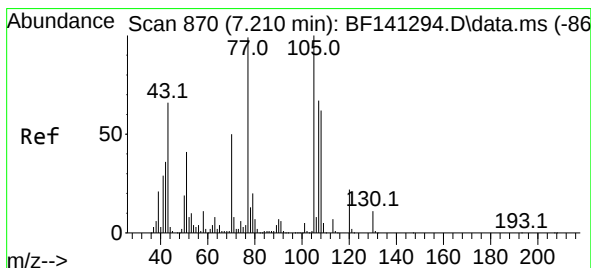
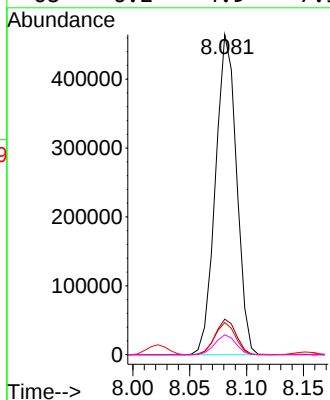
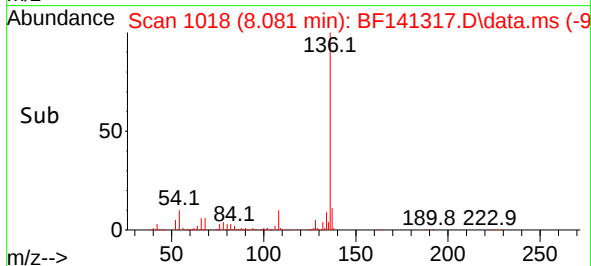
Tgt Ion:136 Resp: 600730
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 7.8 11.8
68 6.2 4.9 7.3

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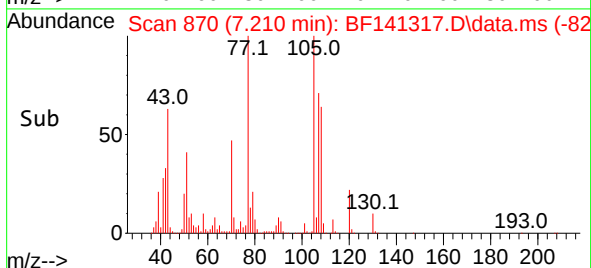
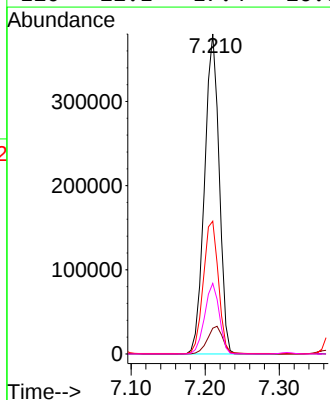
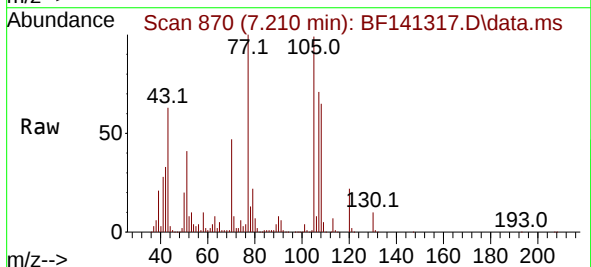
Reviewed By :Yogesh Patel 01/31/2025

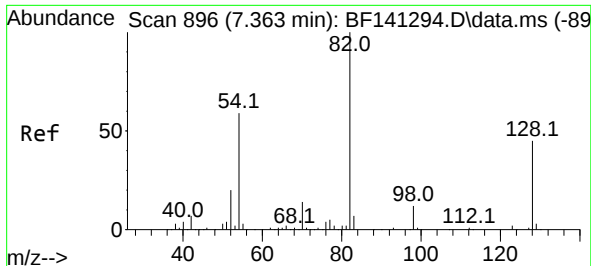
Supervised By :mohammad ahmed 01/31/2025



#22
Acetophenone
Concen: 36.522 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:105 Resp: 521502
Ion Ratio Lower Upper
105 100
71 8.0 6.8 10.2
51 41.5 32.6 49.0
120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 75.187 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141317.D

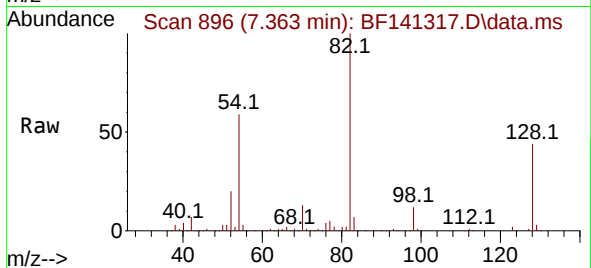
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 856790

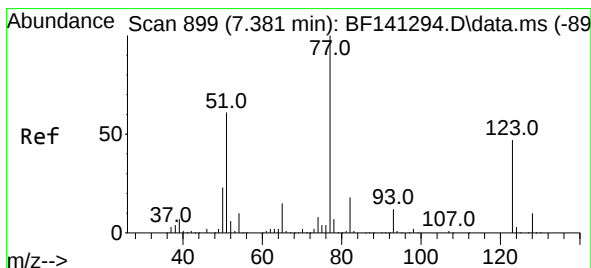
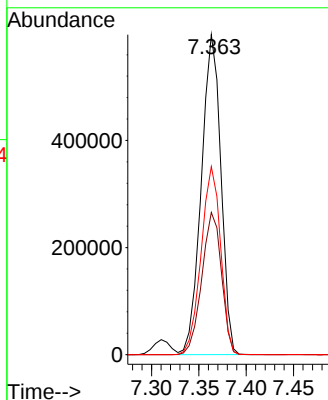
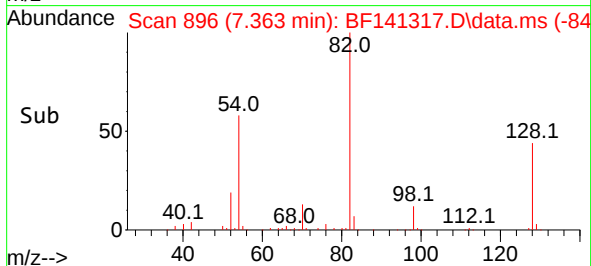
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	58.7	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#24

Nitrobenzene

Concen: 38.370 ng

RT: 7.381 min Scan# 899

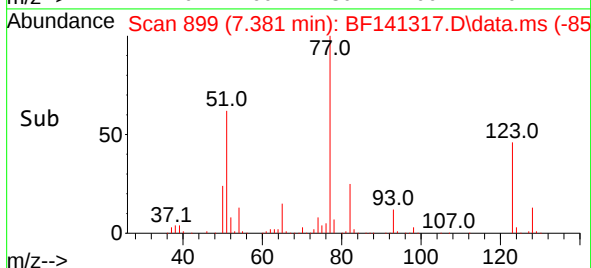
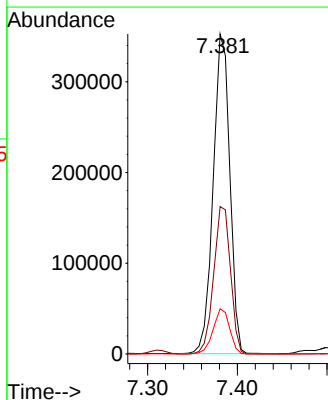
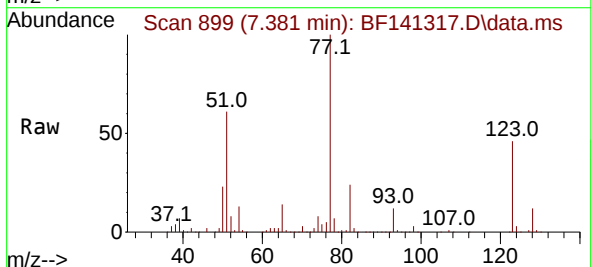
Delta R.T. -0.012 min

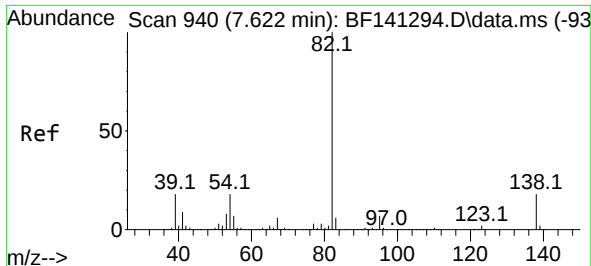
Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion: 77 Resp: 453119

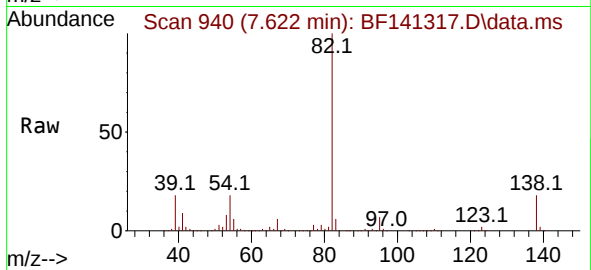
Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.3	55.9
65	14.1	11.8	17.6





#25
Isophorone
Concen: 37.898 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

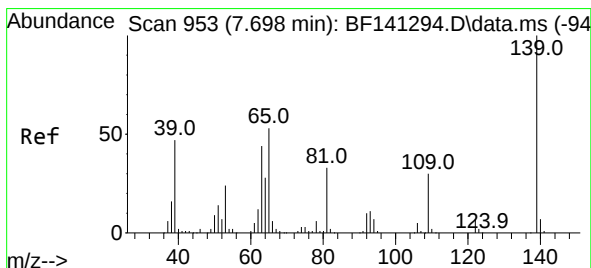
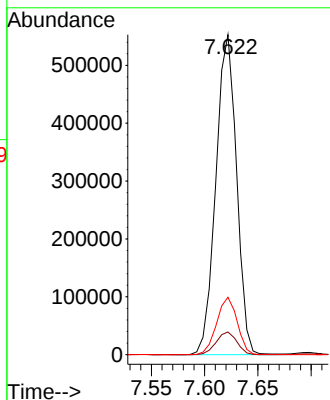
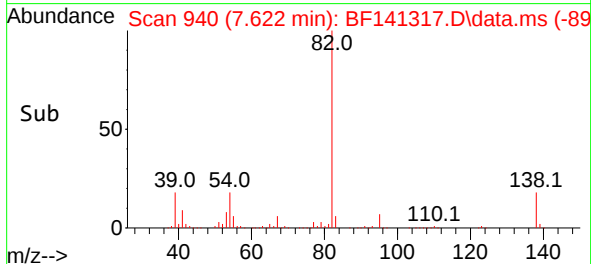
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



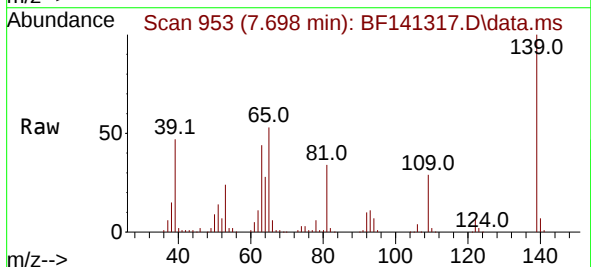
Tgt Ion: 82 Resp: 746510
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.0 14.7 22.1

Manual Integrations
APPROVED

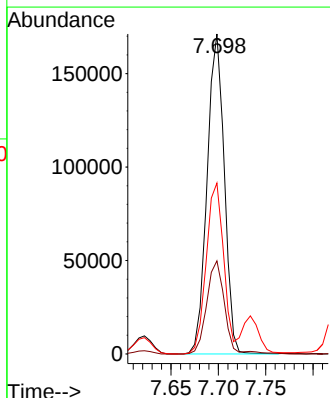
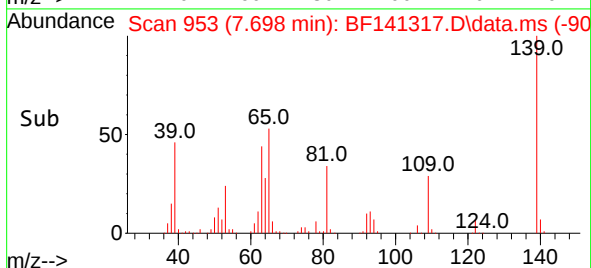
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

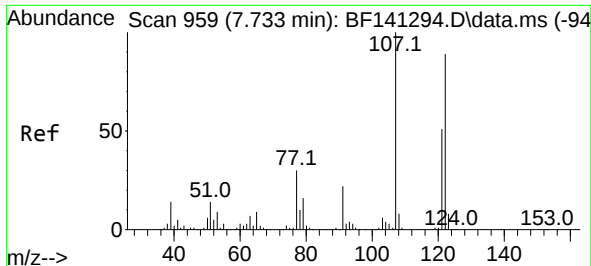


#26
2-Nitrophenol
Concen: 38.642 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:139 Resp: 215214
Ion Ratio Lower Upper
139 100
109 29.1 23.8 35.6
65 53.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.252 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

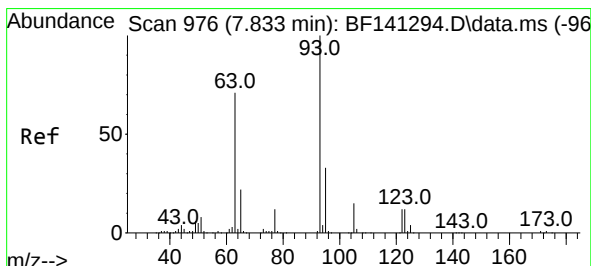
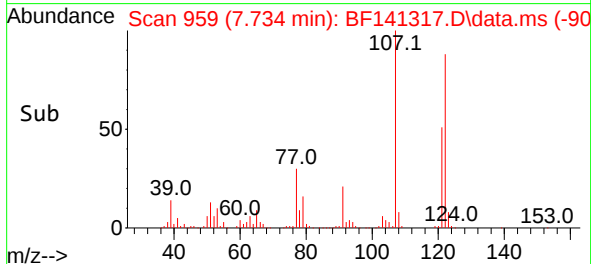
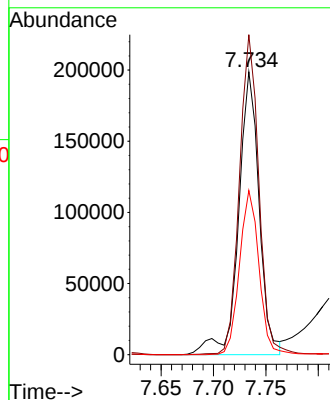
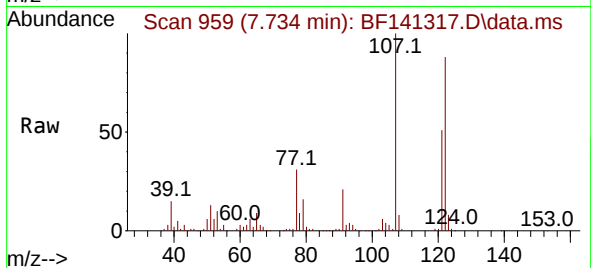
Tgt Ion:122 Resp: 27116
 Ion Ratio Lower Upper
 122 100
 107 113.1 89.9 134.9
 121 58.0 46.1 69.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.611 ng

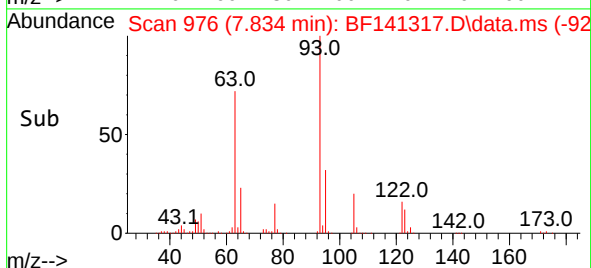
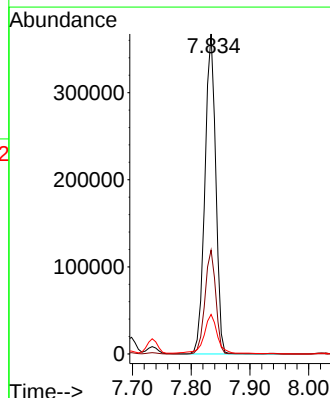
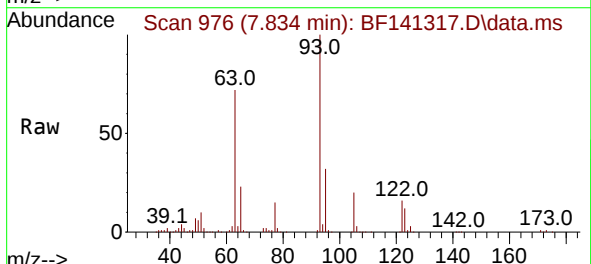
RT: 7.834 min Scan# 976

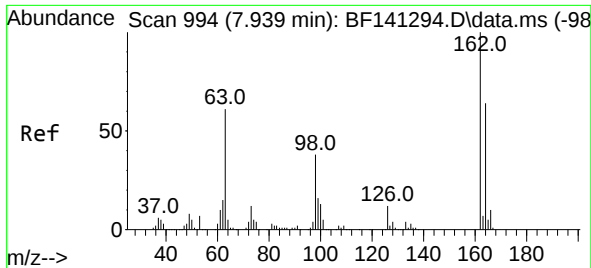
Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion: 93 Resp: 472579
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.2
 123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.756 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 327660

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

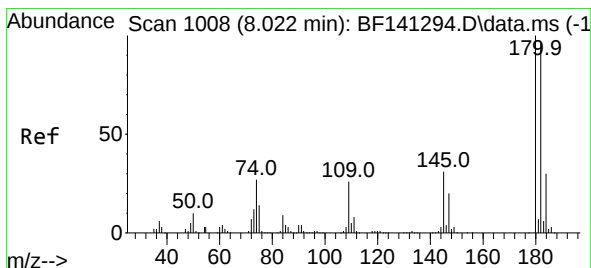
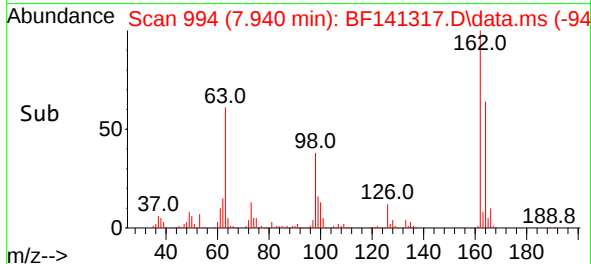
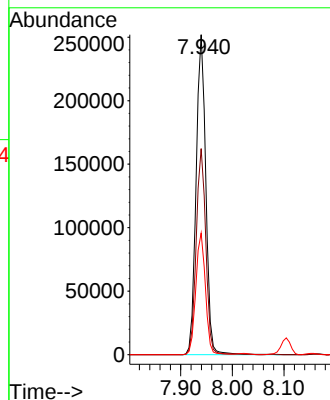
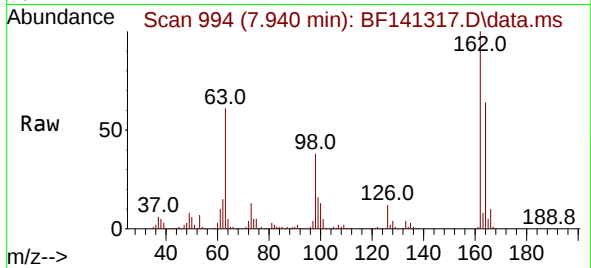
98 38.0 18.2 58.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.214 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

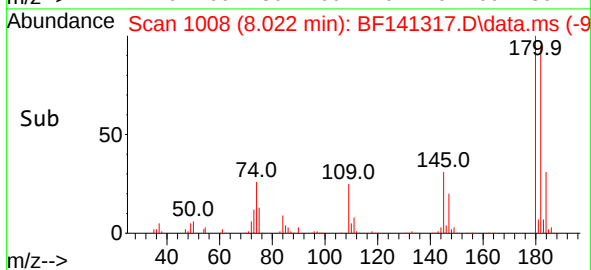
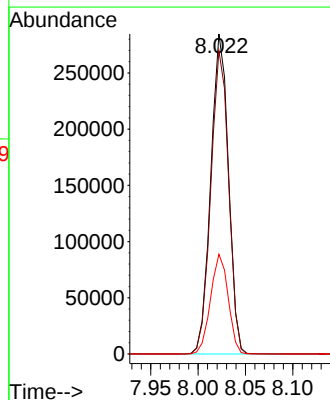
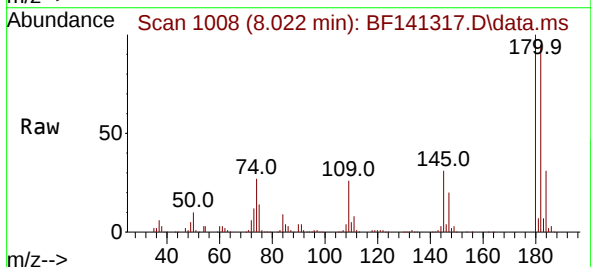
Tgt Ion:180 Resp: 368832

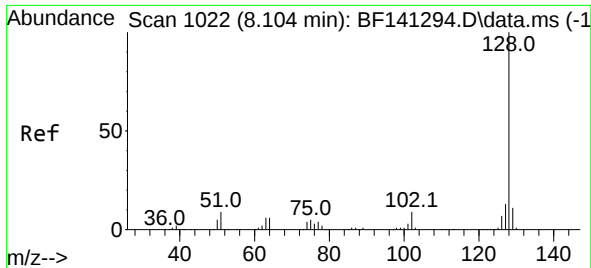
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.1 24.9 37.3





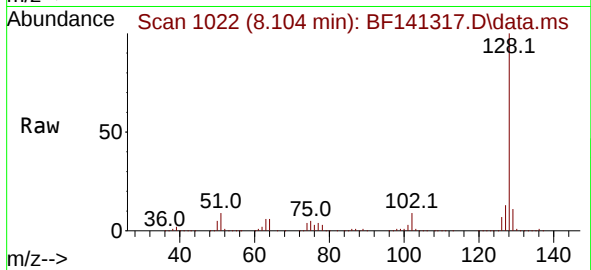
#31
Naphthalene
Concen: 36.574 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



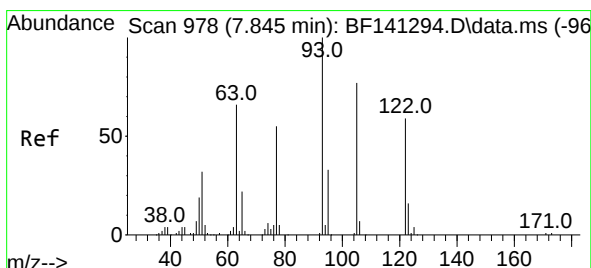
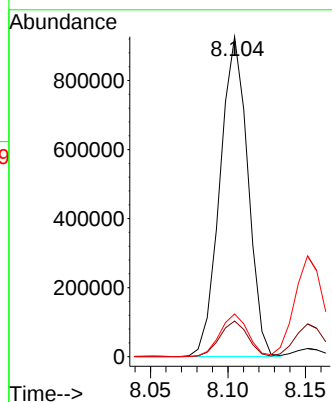
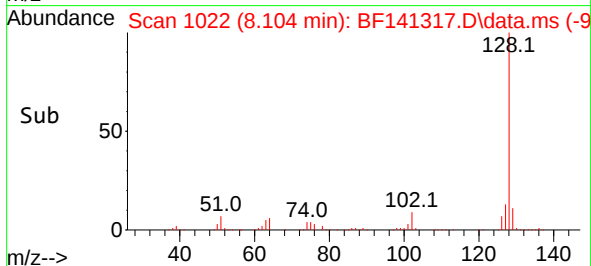
Tgt Ion:128 Resp: 1160672
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

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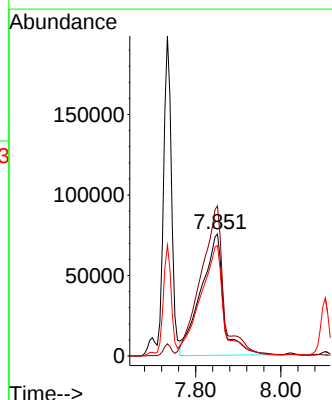
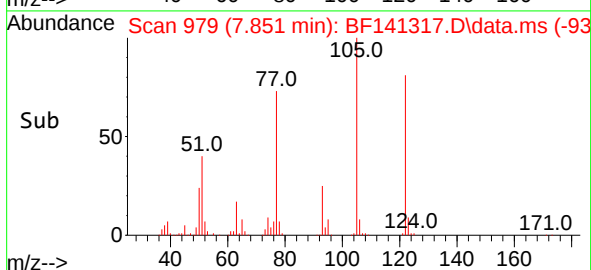
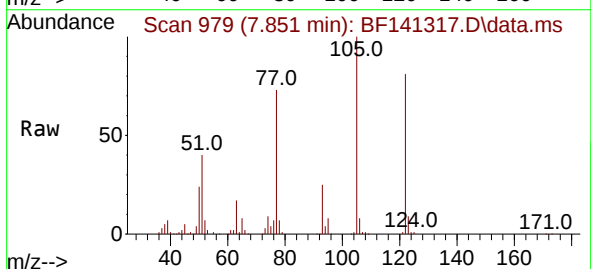
Reviewed By :Yogesh Patel 01/31/2025

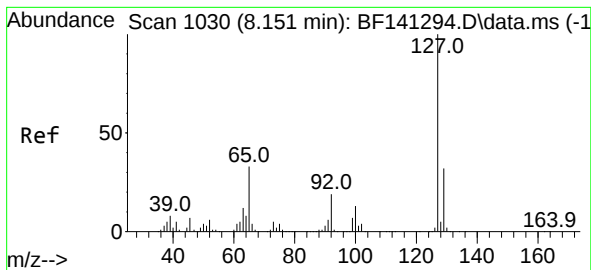
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 42.801 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.029 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:122 Resp: 278923
Ion Ratio Lower Upper
122 100
105 123.1 103.4 143.4
77 90.4 70.9 110.9





#33
4-Chloroaniline
Concen: 35.551 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

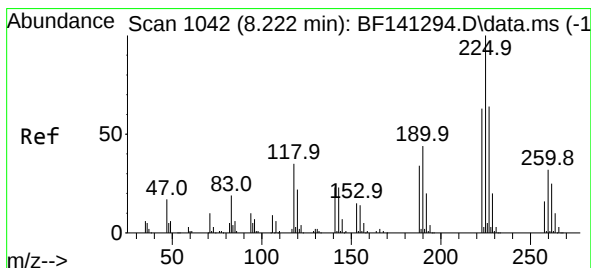
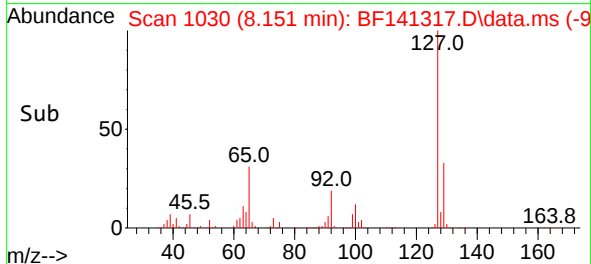
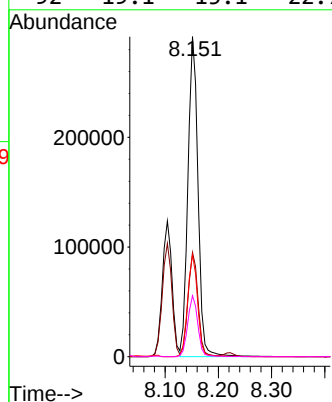
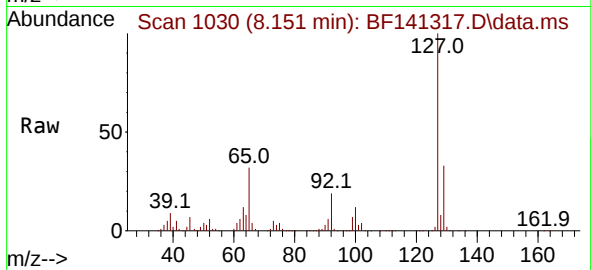
SSTDCCC040EC

Tgt Ion:127 Resp: 38258
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 31.9 26.4 39.6
92 19.1 15.1 22.7

Manual Integrations

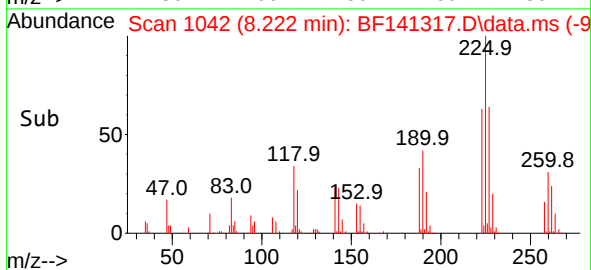
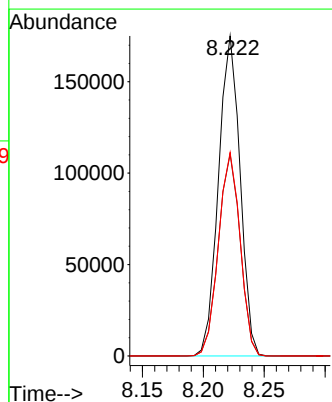
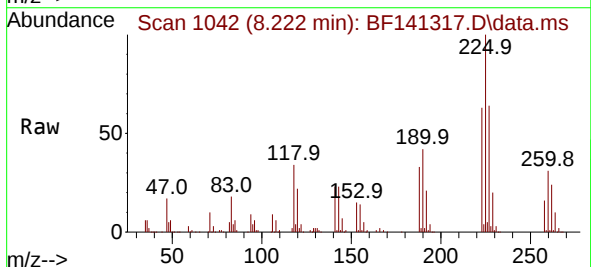
APPROVED

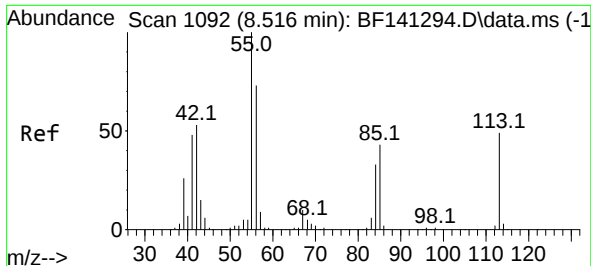
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#34
Hexachlorobutadiene
Concen: 37.191 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:225 Resp: 216158
Ion Ratio Lower Upper
225 100
223 63.1 50.4 75.6
227 63.6 51.3 76.9





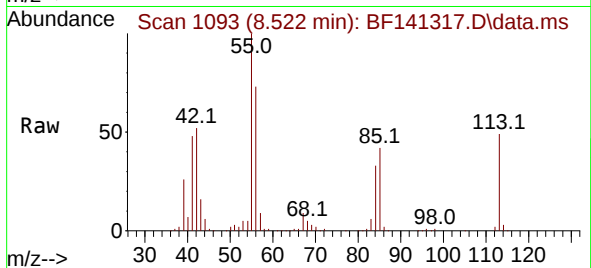
#35
 Caprolactam
 Concen: 38.321 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



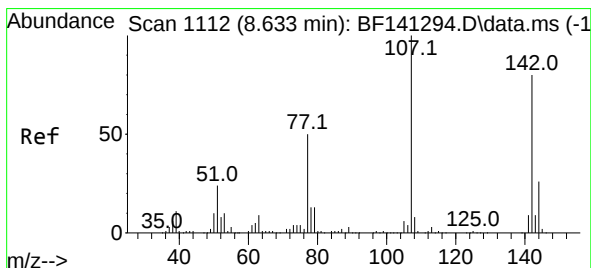
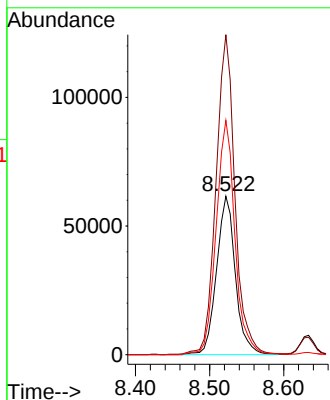
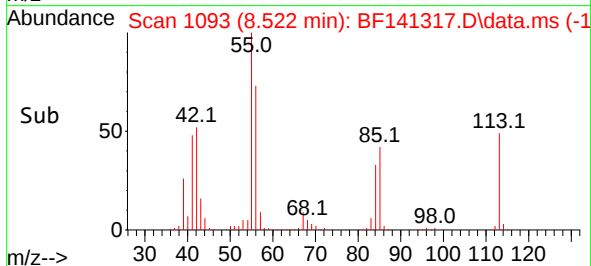
Tgt Ion:113 Resp: 10861
 Ion Ratio Lower Upper
 113 100
 55 202.1 182.9 222.9
 56 147.9 127.9 167.9

Manual Integrations

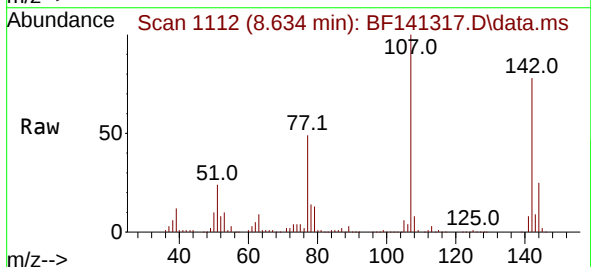
APPROVED

Reviewed By :Yogesh Patel 01/31/2025

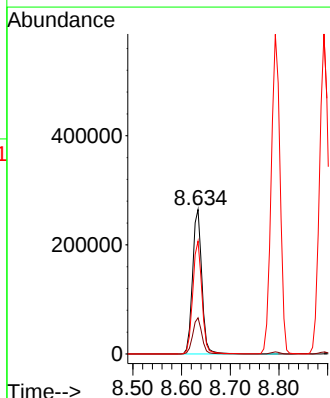
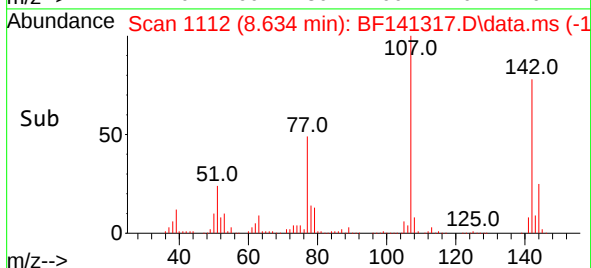
Supervised By :mohammad ahmed 01/31/2025

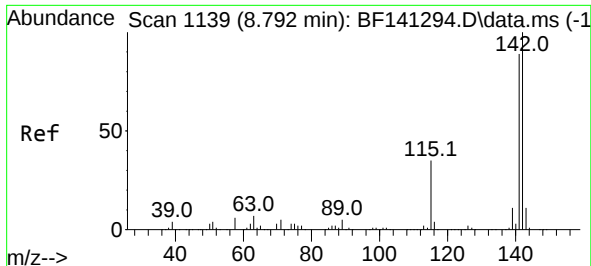


#36
 4-Chloro-3-methylphenol
 Concen: 37.913 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04



Tgt Ion:107 Resp: 352929
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 78.1 63.8 95.8





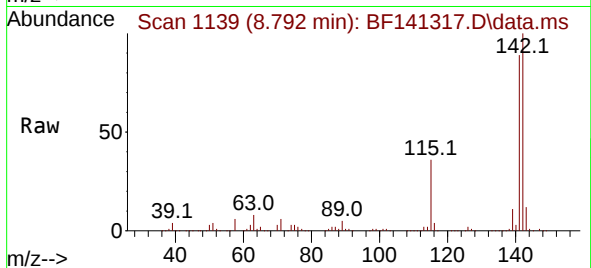
#37
2-Methylnaphthalene
Concen: 36.564 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

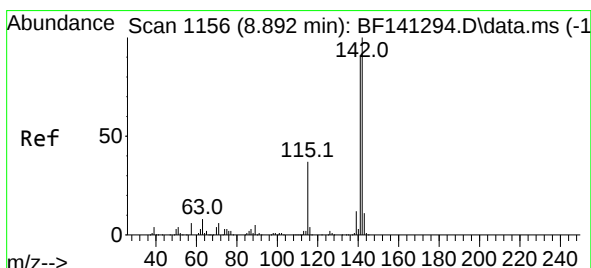
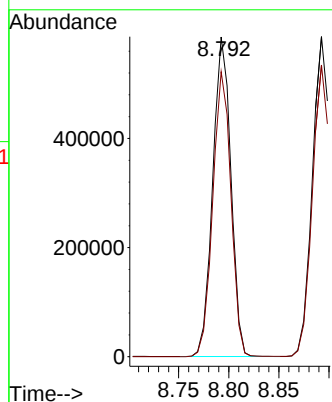
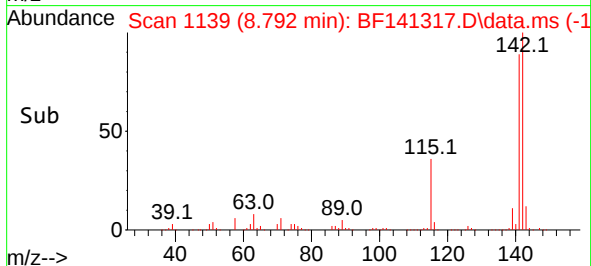


Tgt Ion:142 Resp: 737499
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9

Manual Integrations

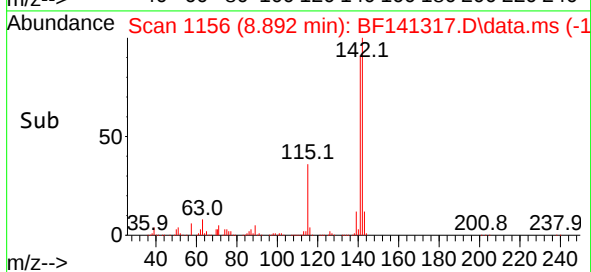
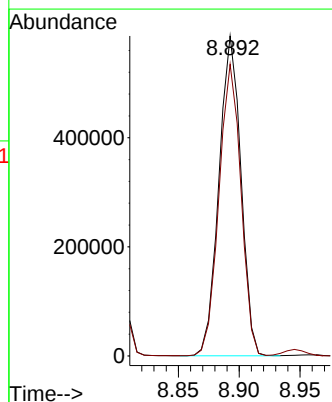
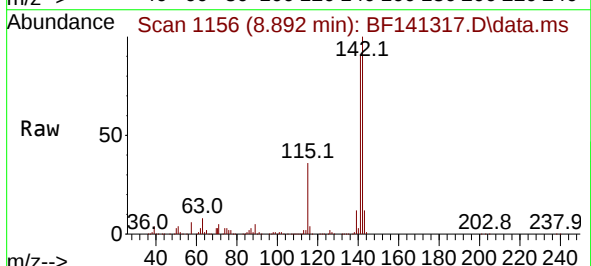
APPROVED

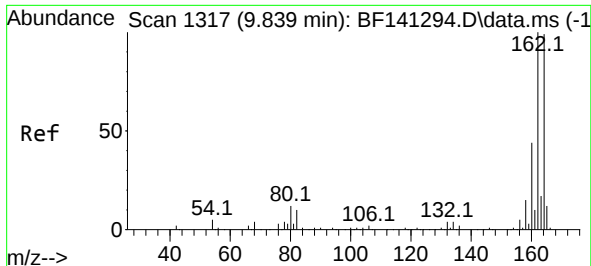
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 37.106 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:142 Resp: 735193
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





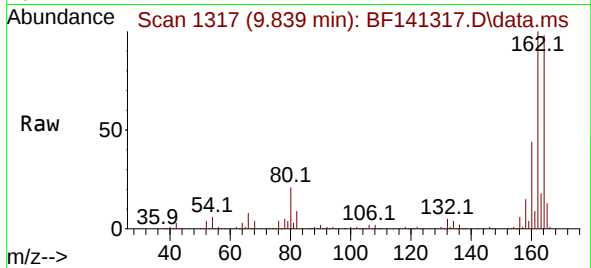
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

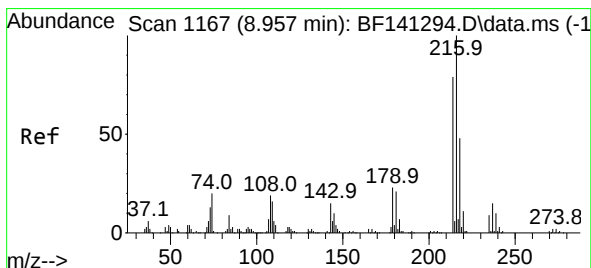
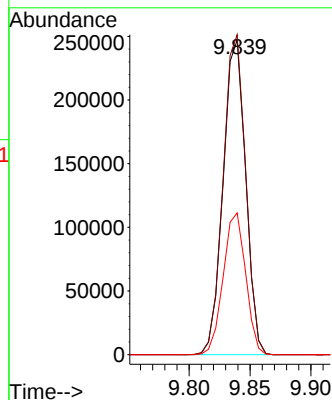
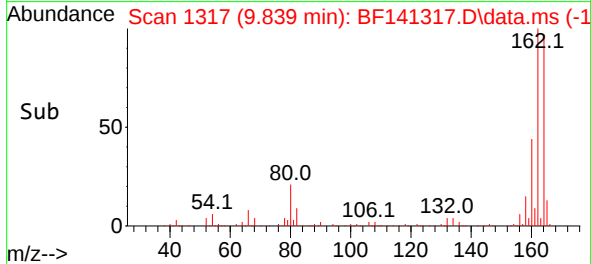


Tgt Ion:164 Resp: 31804
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 45.0 35.8 53.6

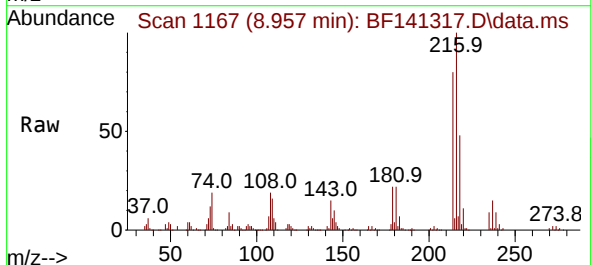
Manual Integrations

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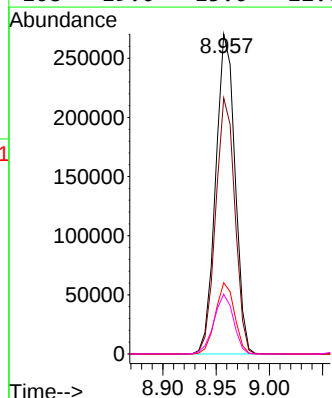
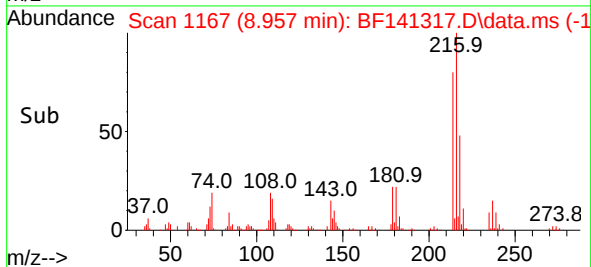
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

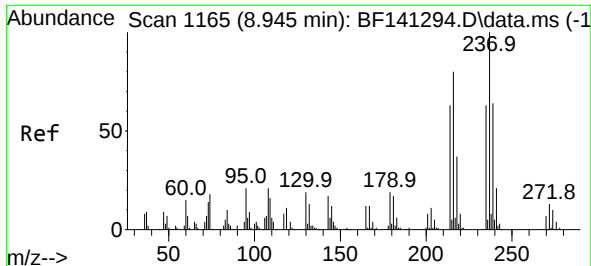


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.622 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



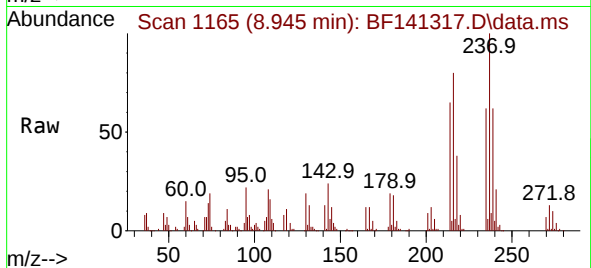
Tgt Ion:216 Resp: 340402
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 22.0 17.8 26.8
108 19.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 42.539 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

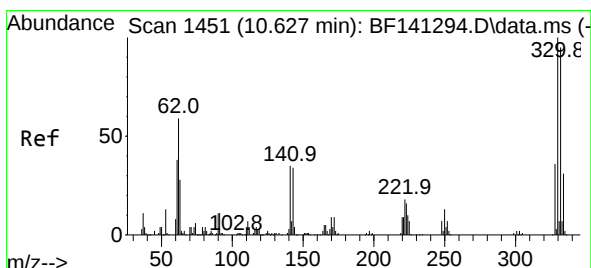
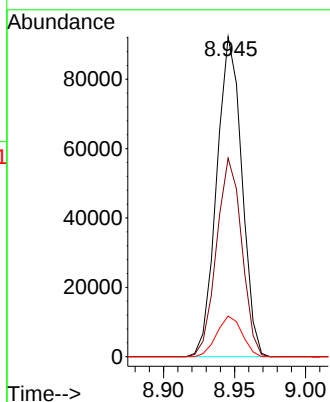
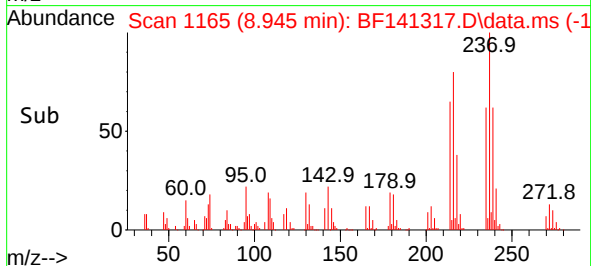
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



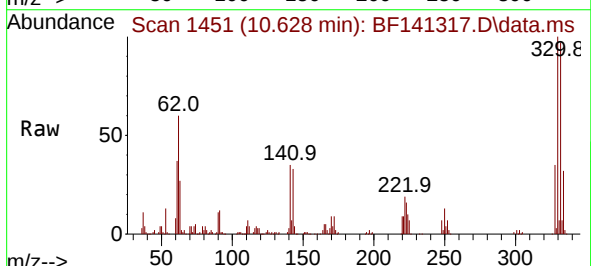
Tgt Ion:237 Resp: 11366
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 12.7 0.0 32.8

Manual Integrations
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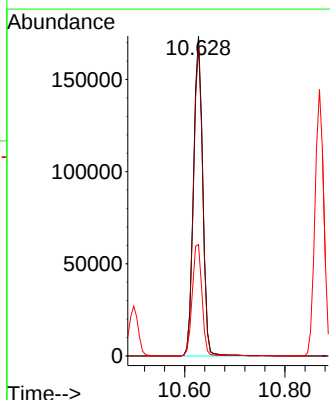
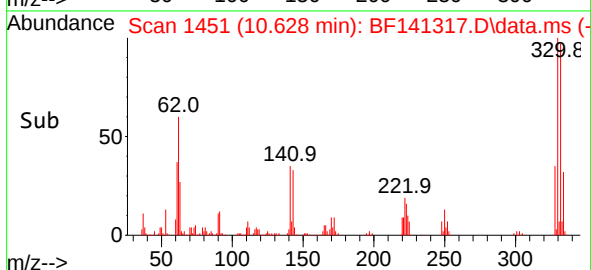
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

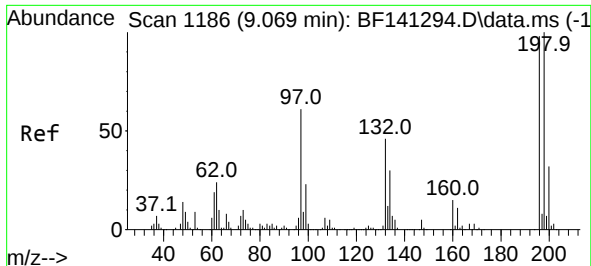


#42
2,4,6-Tribromophenol
Concen: 75.922 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



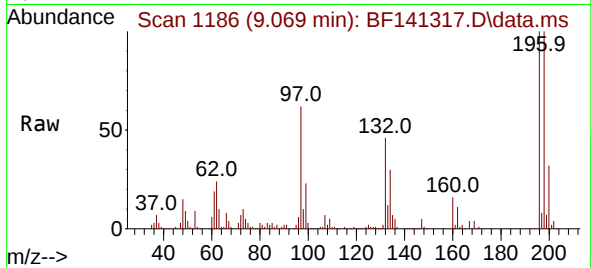
Tgt Ion:330 Resp: 221366
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 36.6 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.316 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

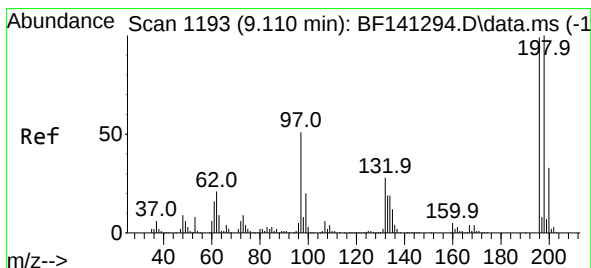
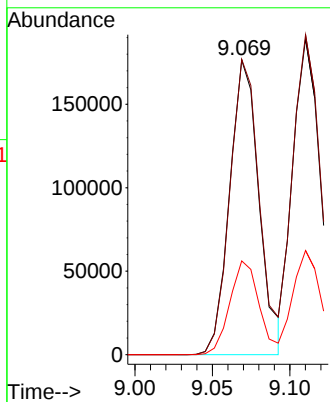
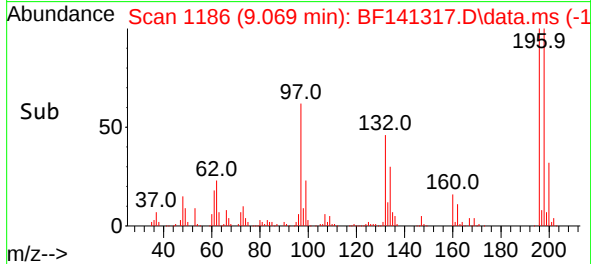
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



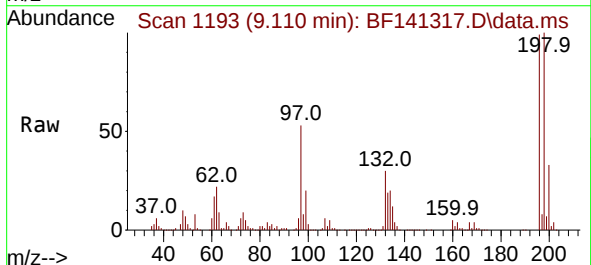
Tgt Ion:196 Resp: 232839
Ion Ratio Lower Upper
196 100
198 100.3 81.8 122.6
200 31.8 26.3 39.5

Manual Integrations
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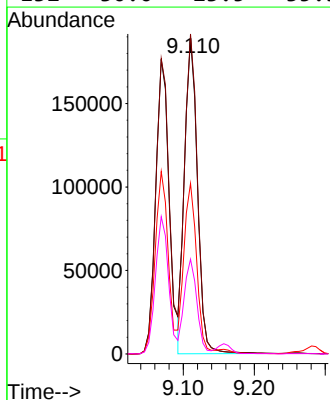
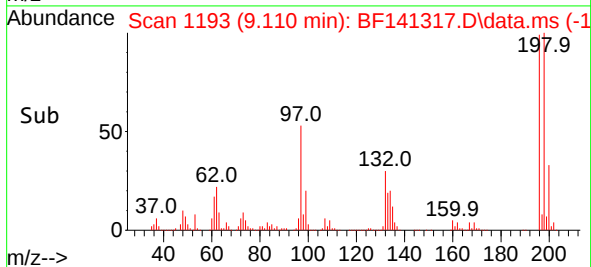
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

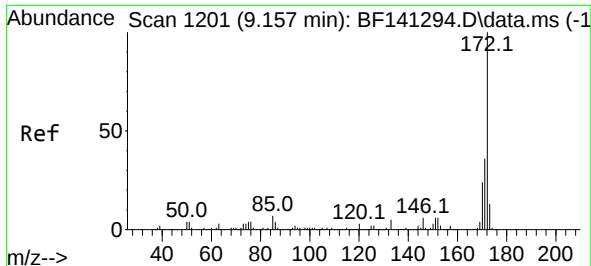


#44
2,4,5-Trichlorophenol
Concen: 37.188 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



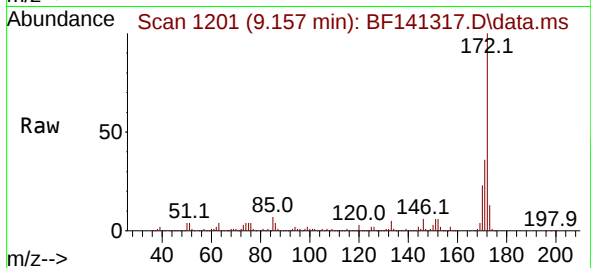
Tgt Ion:196 Resp: 239701
Ion Ratio Lower Upper
196 100
198 101.3 80.5 120.7
97 54.0 42.8 64.2
132 30.0 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 72.173 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

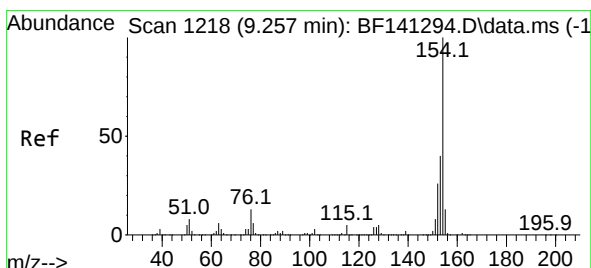
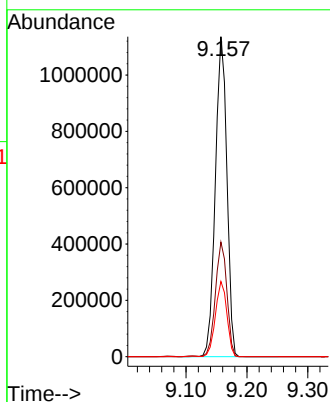
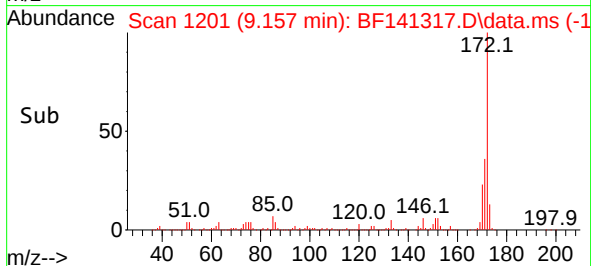
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



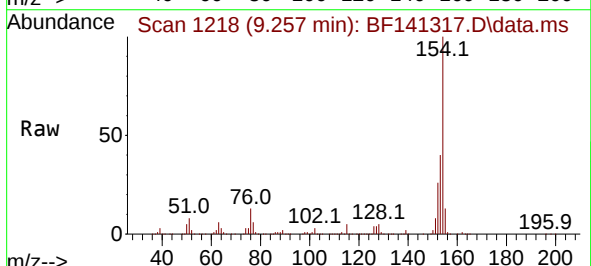
Tgt Ion:172 Resp: 149130
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 19.0 28.6

Manual Integrations
APPROVED

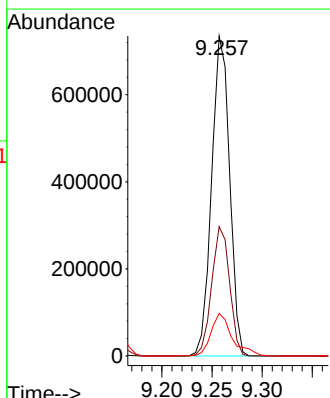
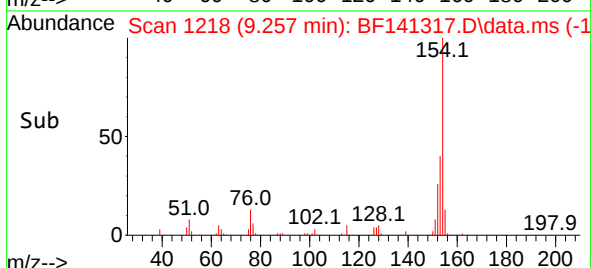
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

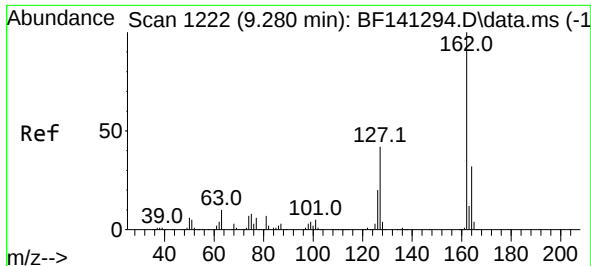


#46
1,1'-Biphenyl
Concen: 36.921 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:154 Resp: 915768
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 13.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 36.938 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

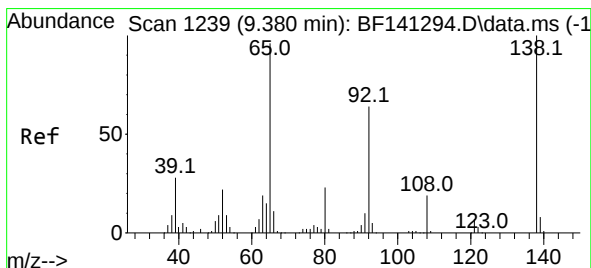
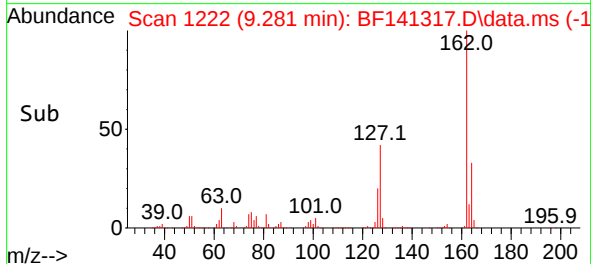
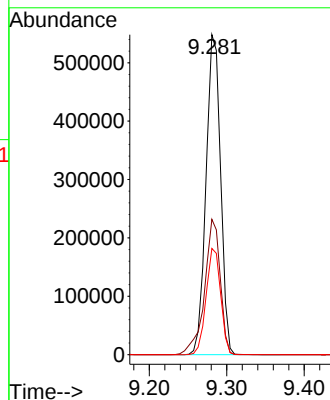
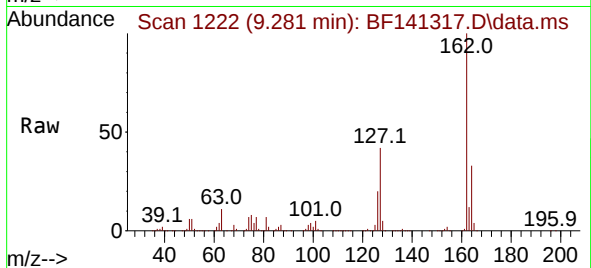
Tgt Ion:162 Resp: 714110
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.7 50.5
 164 33.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#48

2-Nitroaniline

Concen: 38.652 ng

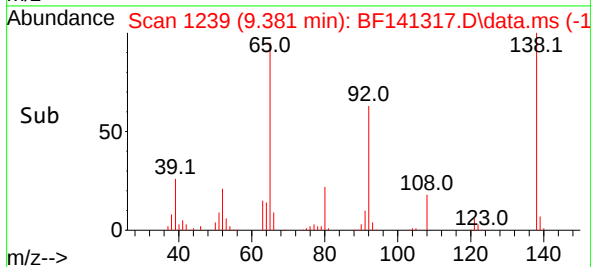
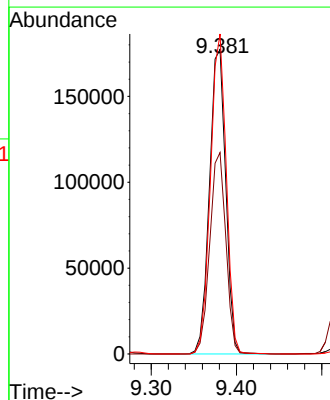
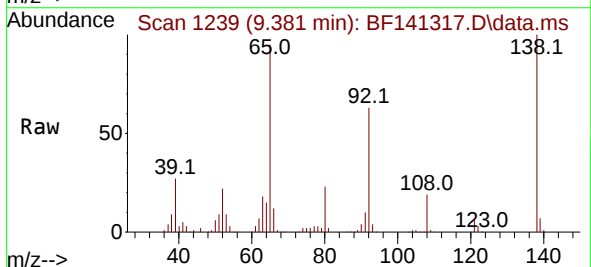
RT: 9.381 min Scan# 1239

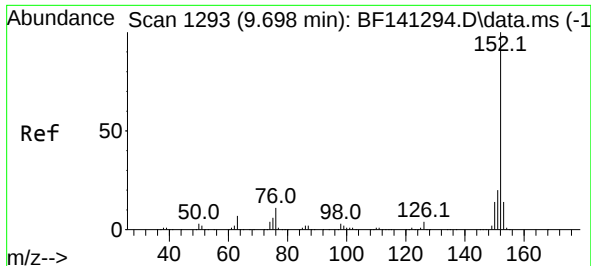
Delta R.T. 0.000 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion: 65 Resp: 235046
 Ion Ratio Lower Upper
 65 100
 92 66.1 53.3 79.9
 138 105.1 83.6 125.4





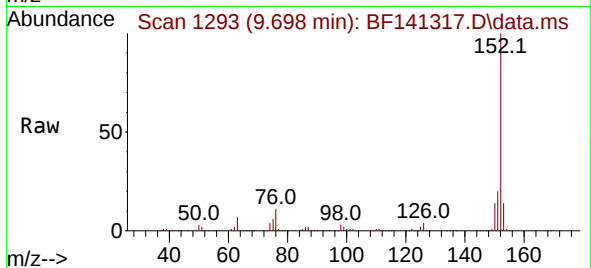
#49
Acenaphthylene
Concen: 37.162 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



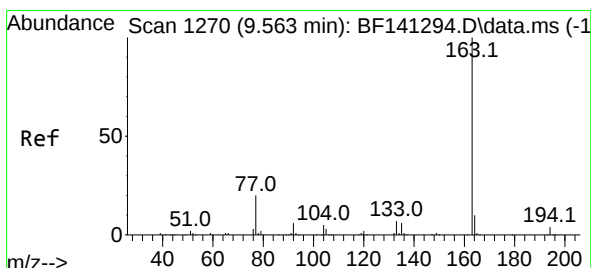
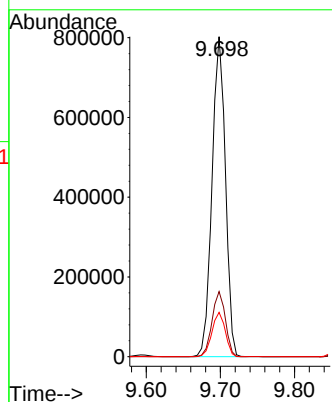
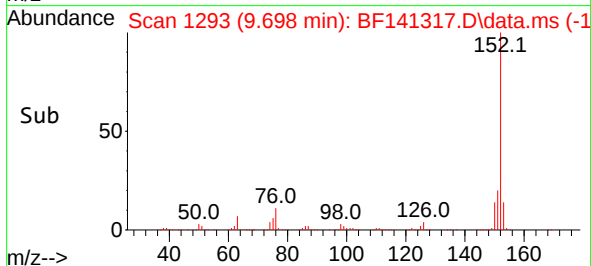
Tgt Ion:152 Resp: 100569
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 11.0 16.6

Manual Integrations

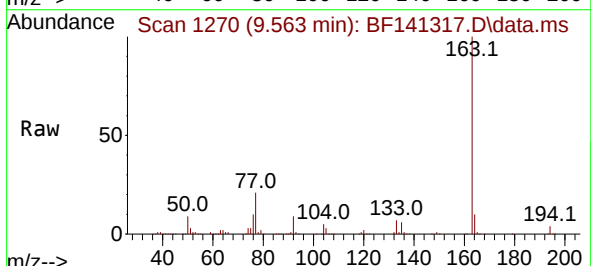
APPROVED

Reviewed By :Yogesh Patel 01/31/2025

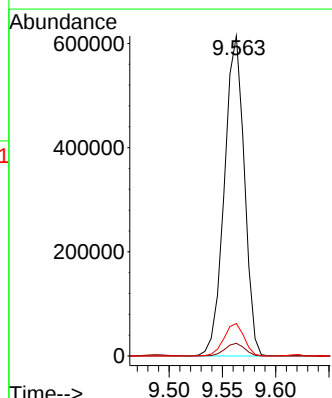
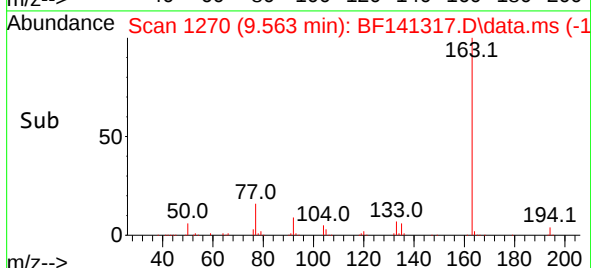
Supervised By :mohammad ahmed 01/31/2025

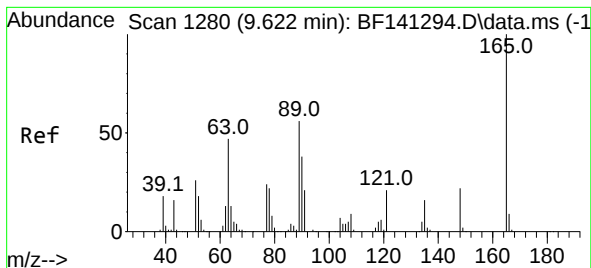


#50
Dimethylphthalate
Concen: 37.164 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:163 Resp: 798294
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.0 12.0





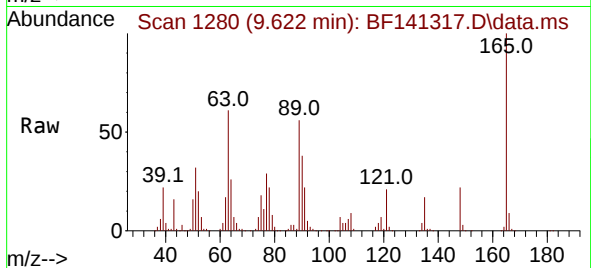
#51
2,6-Dinitrotoluene
Concen: 38.284 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

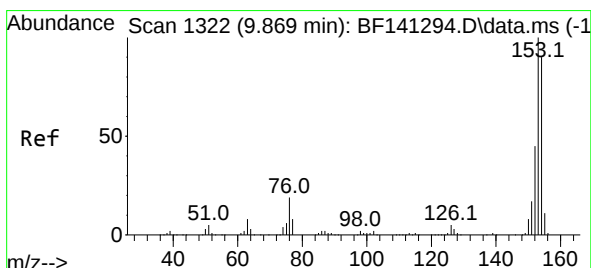
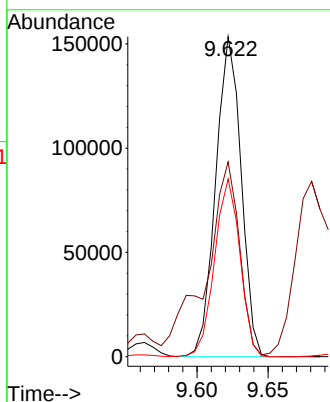
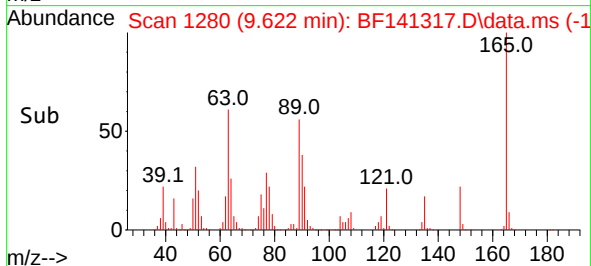


Tgt Ion:165 Resp: 19094
Ion Ratio Lower Upper
165 100
63 60.9 48.1 72.1
89 55.6 44.9 67.3

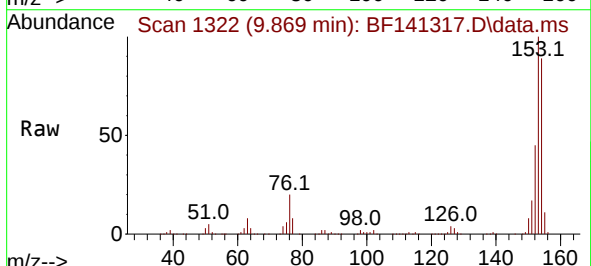
Manual Integrations

APPROVED

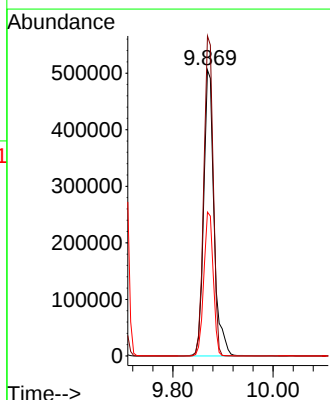
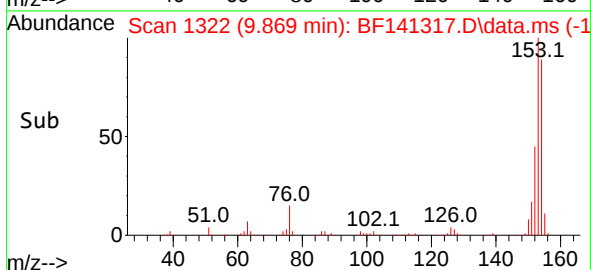
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

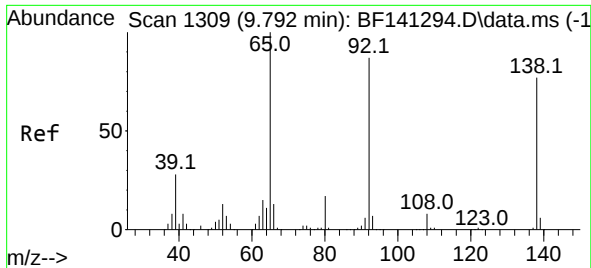


#52
Acenaphthene
Concen: 37.475 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:154 Resp: 724533
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.4
152 50.3 40.2 60.4





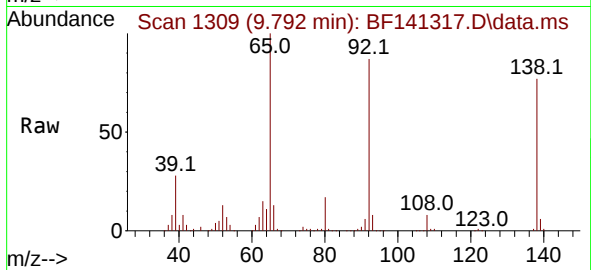
#53
3-Nitroaniline
Concen: 37.768 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

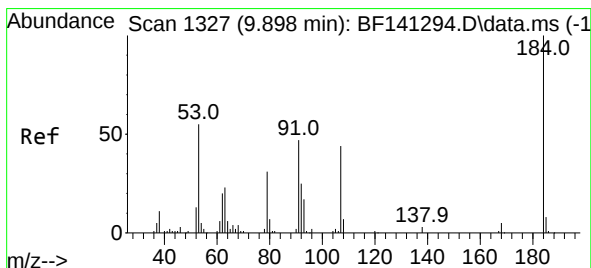
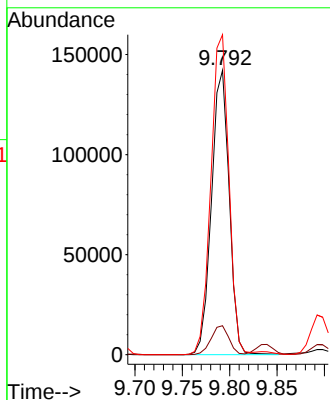
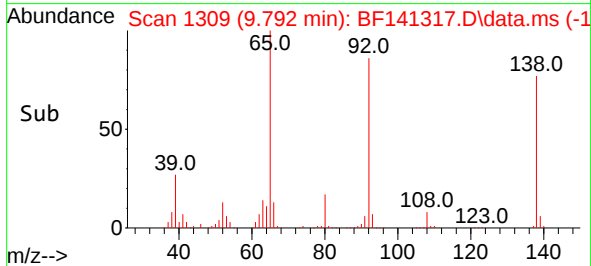


Tgt Ion:138 Resp: 184620
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 112.5 91.0 136.6

Manual Integrations

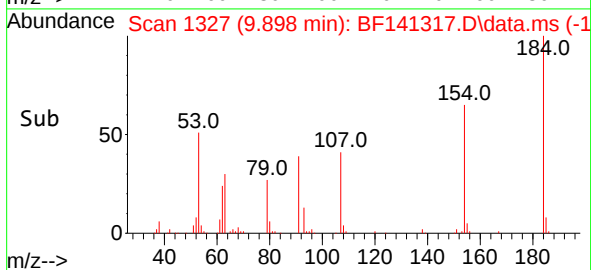
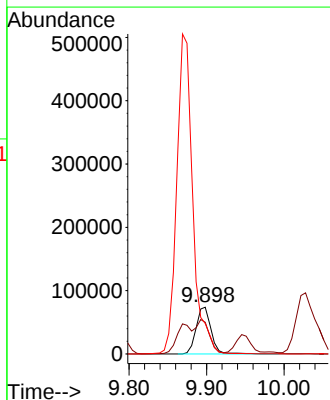
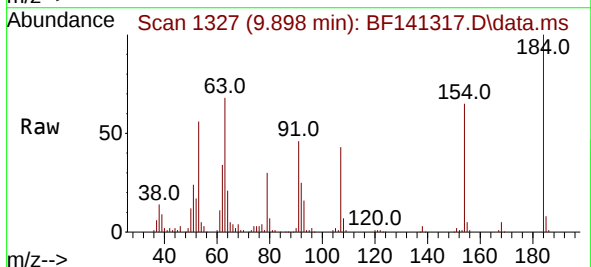
APPROVED

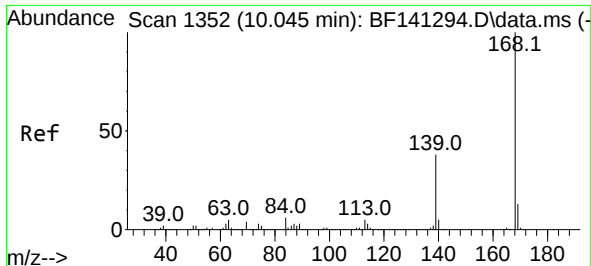
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#54
2,4-Dinitrophenol
Concen: 42.653 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

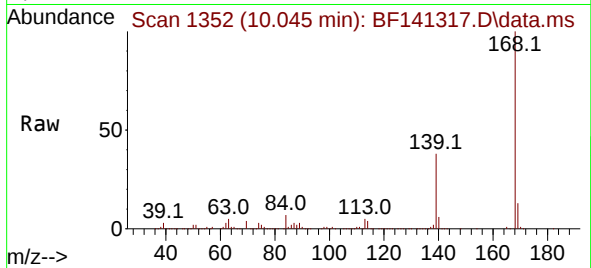
Tgt Ion:184 Resp: 98889
Ion Ratio Lower Upper
184 100
63 67.8 54.1 81.1
154 65.2 50.7 76.1





#55
Dibenzenofuran
Concen: 36.896 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

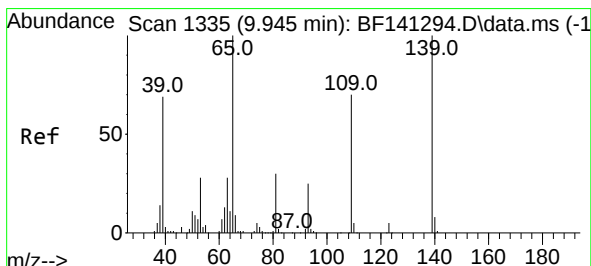
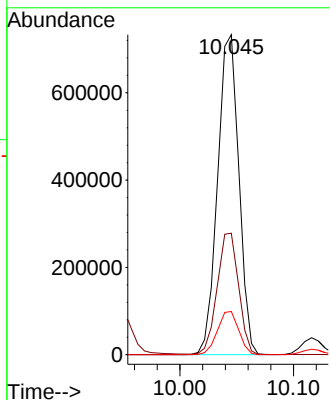
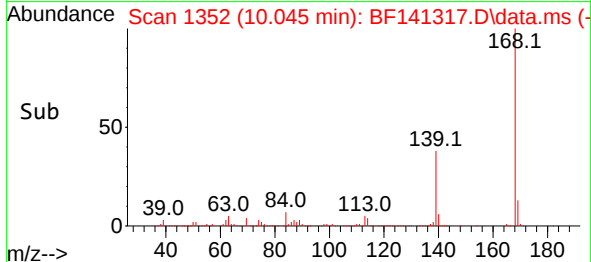
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 954840
Ion Ratio Lower Upper
168 100
139 37.9 30.6 46.0
169 13.5 10.8 16.2

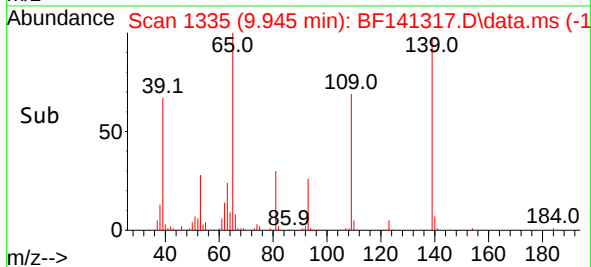
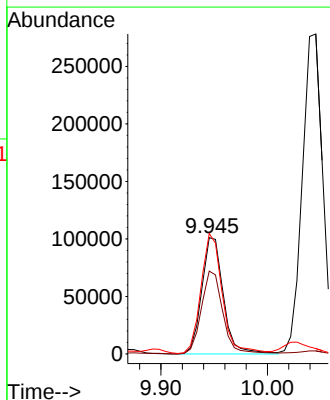
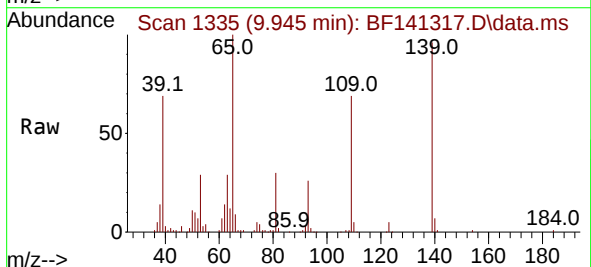
Manual Integrations
APPROVED

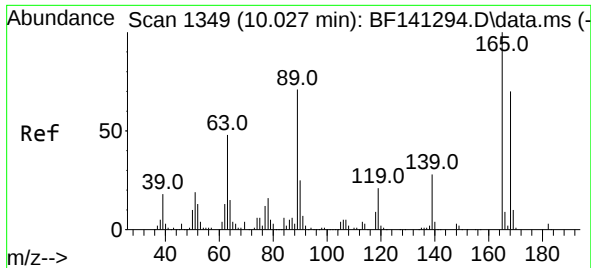
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 40.054 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:139 Resp: 143195
Ion Ratio Lower Upper
139 100
109 71.3 50.2 90.2
65 103.6 80.6 120.6





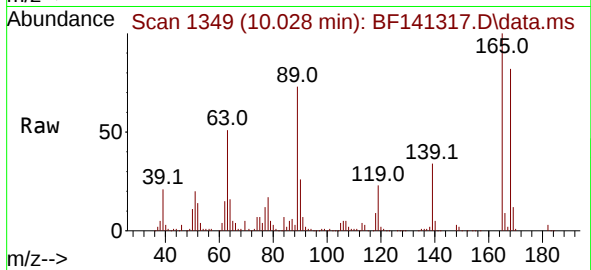
#57
2,4-Dinitrotoluene
Concen: 38.338 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



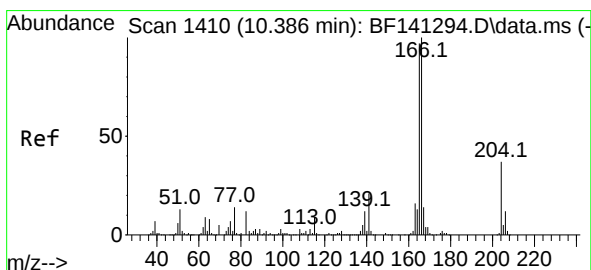
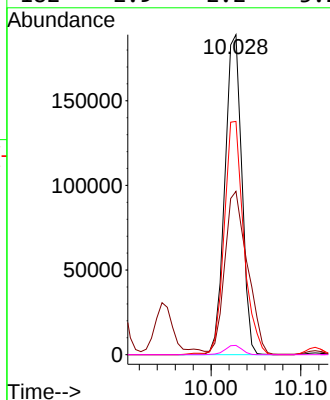
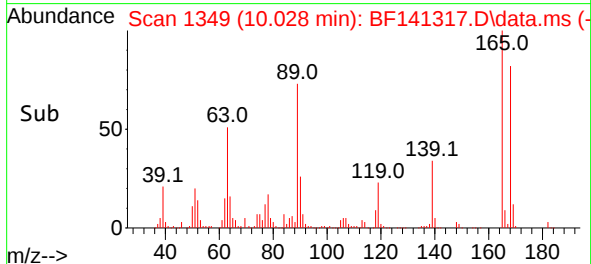
Tgt Ion:165 Resp: 247560
Ion Ratio Lower Upper
165 100
63 51.0 39.2 58.8
89 72.9 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations

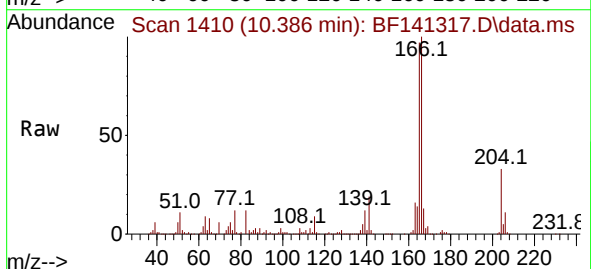
APPROVED

Reviewed By :Yogesh Patel 01/31/2025

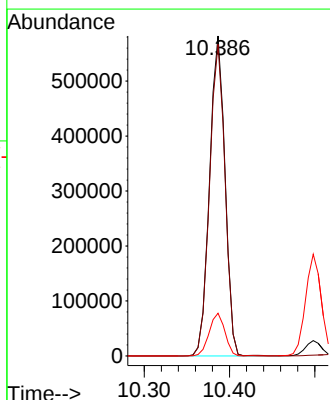
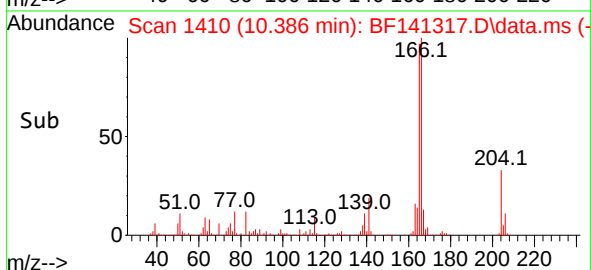
Supervised By :mohammad ahmed 01/31/2025

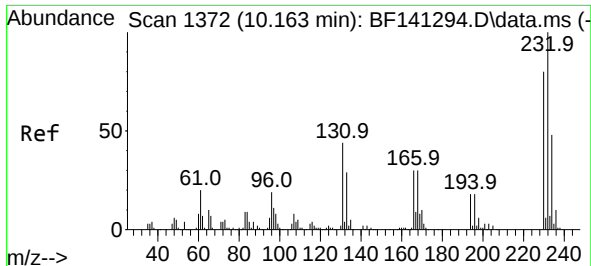


#58
Fluorene
Concen: 36.483 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



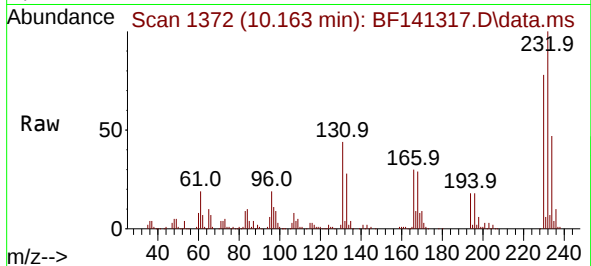
Tgt Ion:166 Resp: 732351
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.484 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

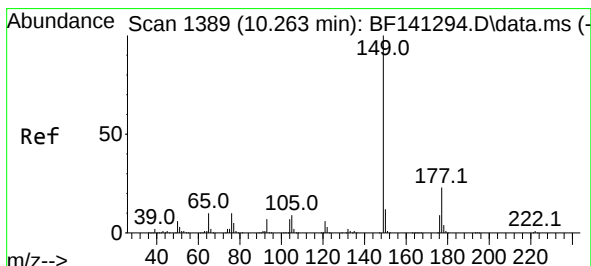
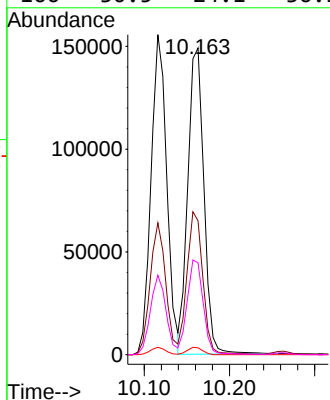
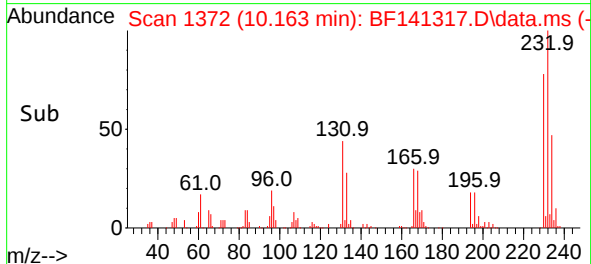
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



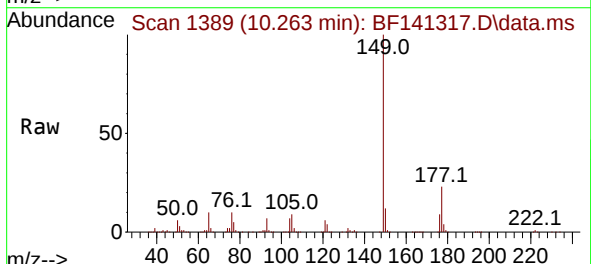
Tgt Ion:232 Resp: 195149
Ion Ratio Lower Upper
232 100
131 46.2 36.4 54.6
130 2.3 1.9 2.9
166 30.5 24.1 36.1

Manual Integrations
APPROVED

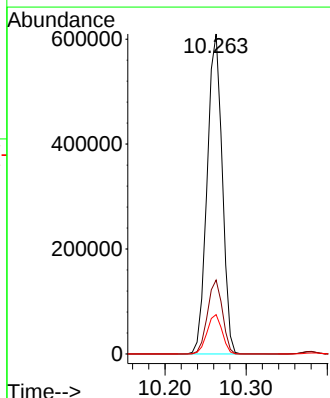
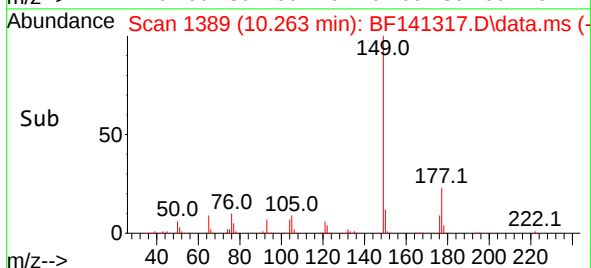
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

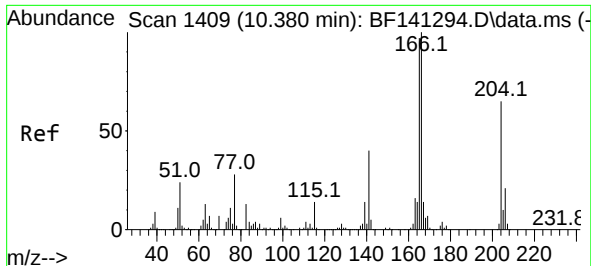


#60
Diethylphthalate
Concen: 37.599 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:149 Resp: 783101
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.3 10.0 15.0





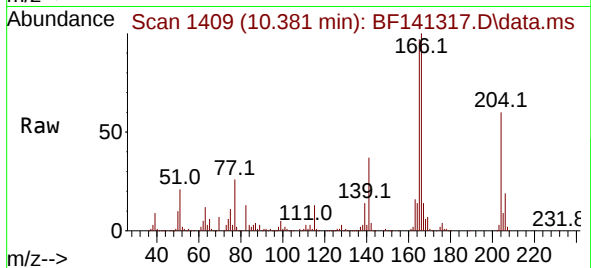
#61
4-Chlorophenyl-phenylether
Concen: 36.900 ng
RT: 10.381 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

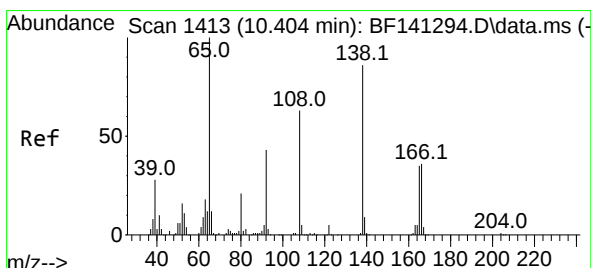
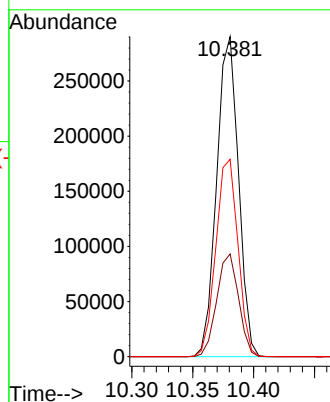
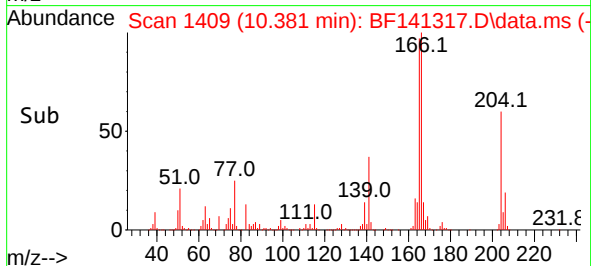


Tgt Ion:204 Resp: 361825
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 61.7 49.5 74.3

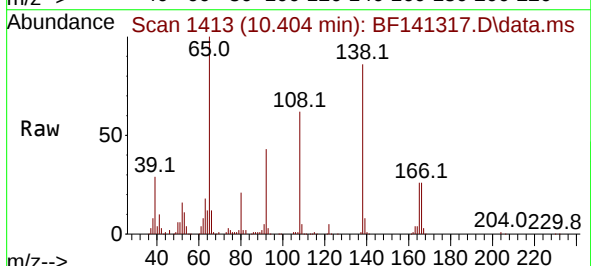
Manual Integrations

APPROVED

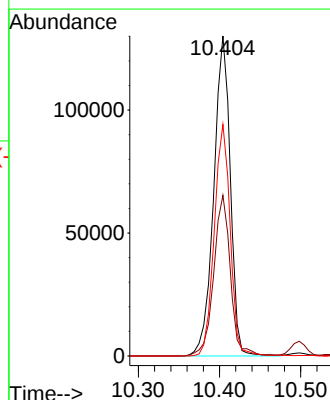
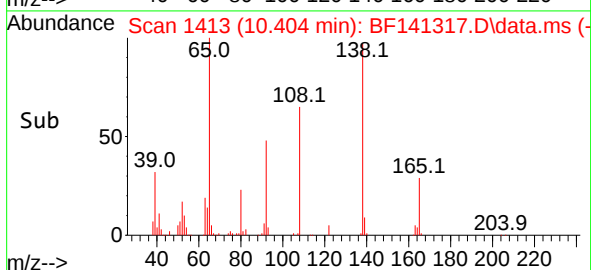
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

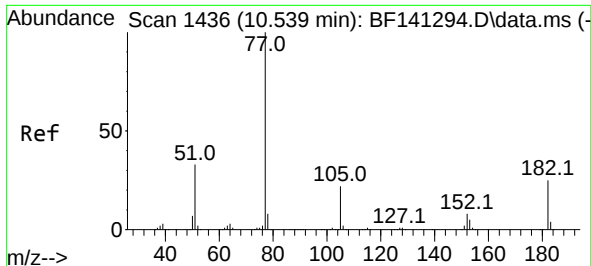


#62
4-Nitroaniline
Concen: 38.432 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:138 Resp: 184698
Ion Ratio Lower Upper
138 100
92 50.2 30.1 70.1
108 72.3 53.1 93.1





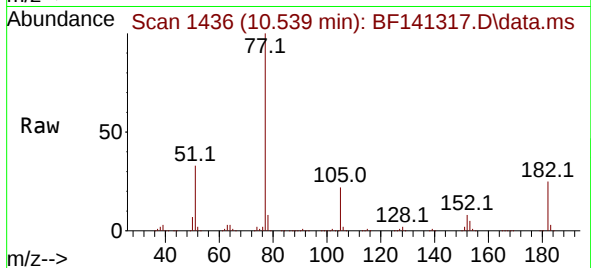
#63
Azobenzene
Concen: 37.633 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

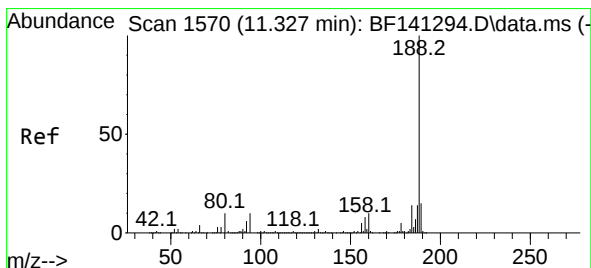
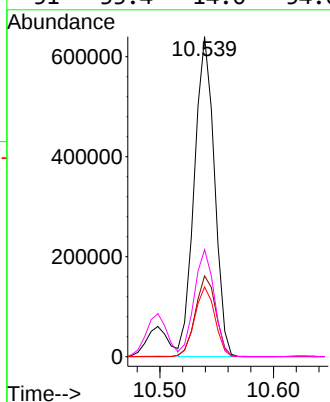
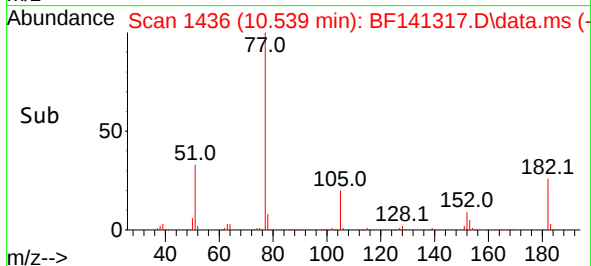


Tgt Ion: 77 Resp: 784570
Ion Ratio Lower Upper
77 100
182 25.3 5.1 45.1
105 21.8 1.8 41.8
51 33.4 14.0 54.0

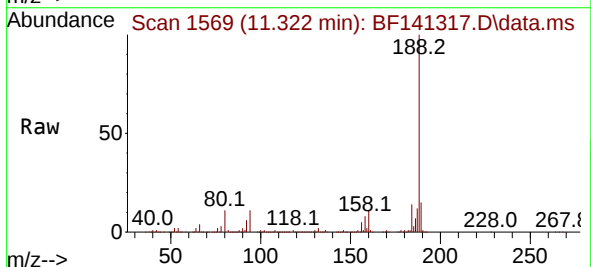
Manual Integrations

APPROVED

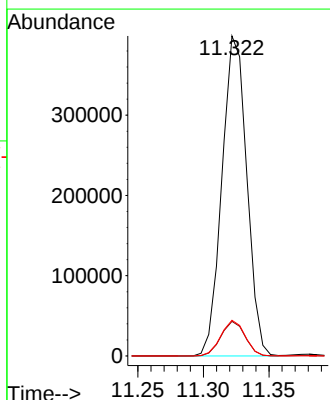
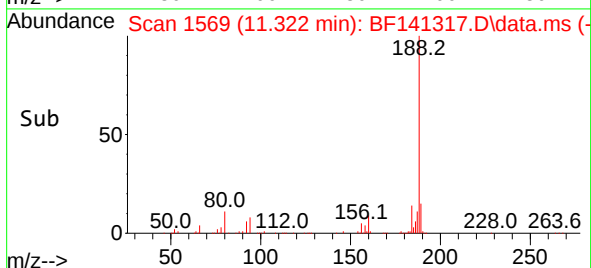
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

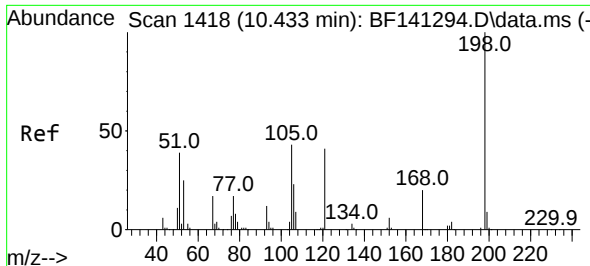


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:188 Resp: 524865
Ion Ratio Lower Upper
188 100
94 10.8 7.8 11.6
80 11.2 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.159 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

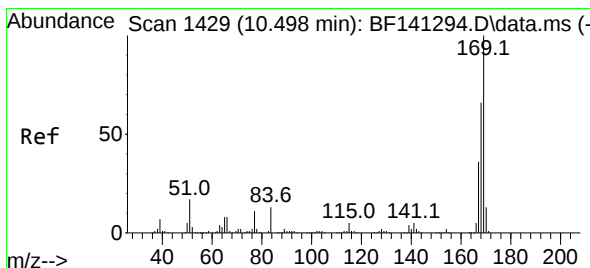
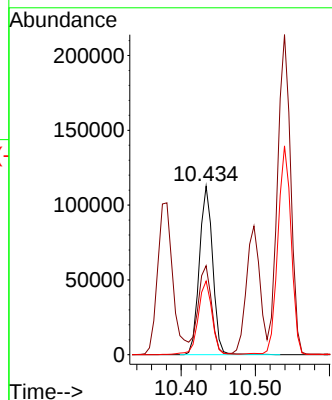
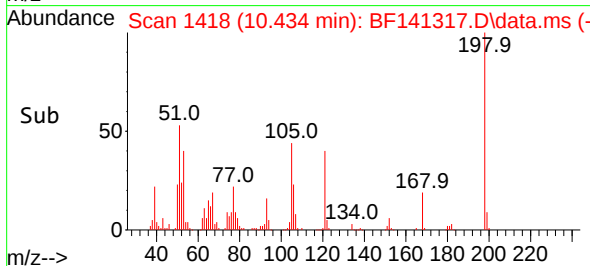
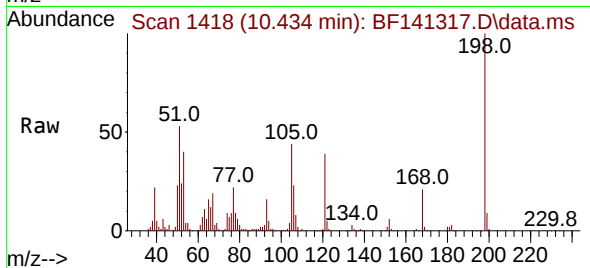
ClientSampleId :

SSTDCCC040EC

Tgt Ion:198 Resp: 140200
Ion Ratio Lower Upper
198 100
51 52.8 33.4 73.4
105 43.7 24.4 64.4

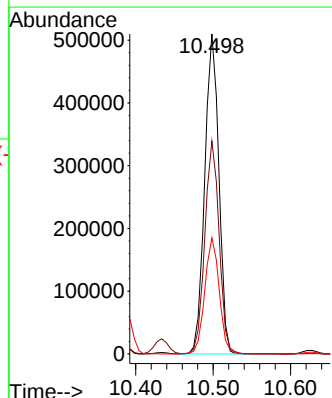
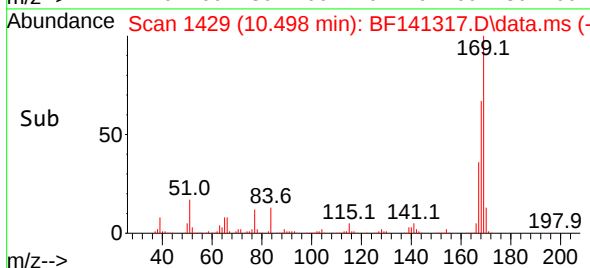
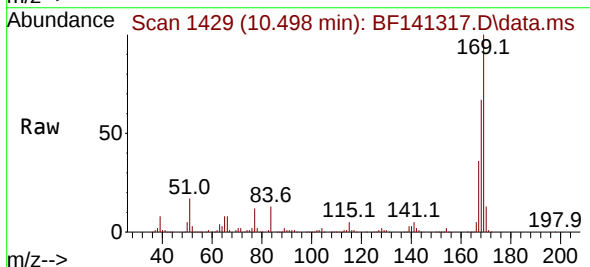
Manual Integrations
APPROVED

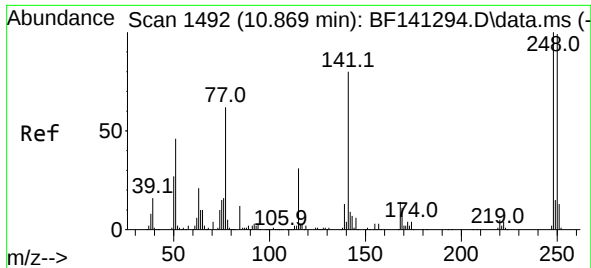
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 38.013 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:169 Resp: 645313
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.3 28.8 43.2





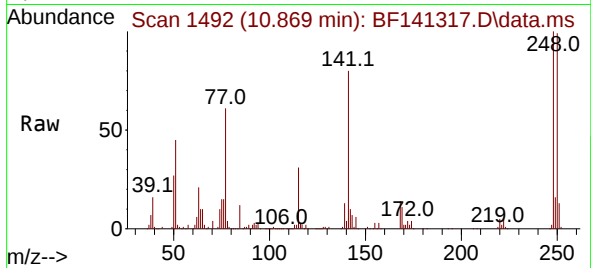
#67
4-Bromophenyl-phenylether
Concen: 38.318 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

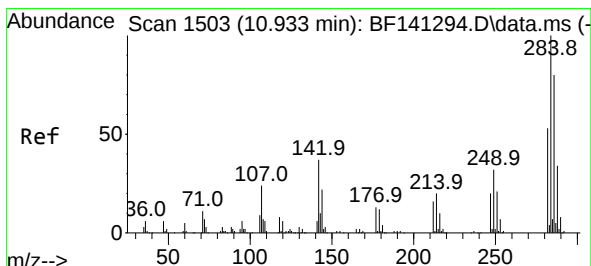
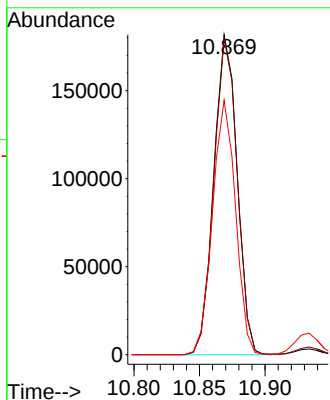
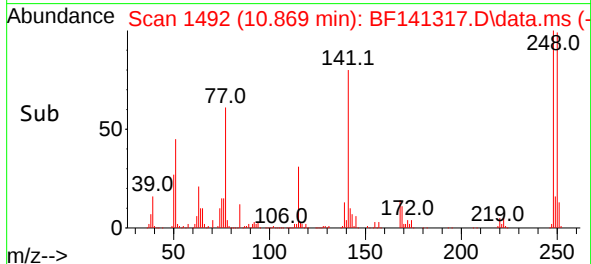


Tgt Ion:248 Resp: 225150
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 79.5 63.7 95.5

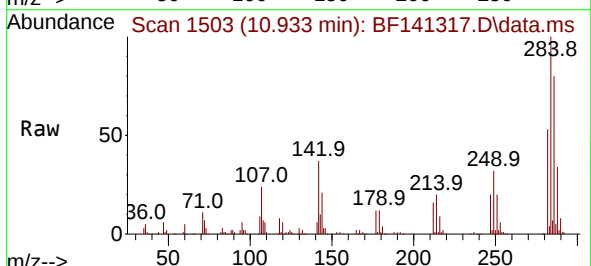
Manual Integrations

APPROVED

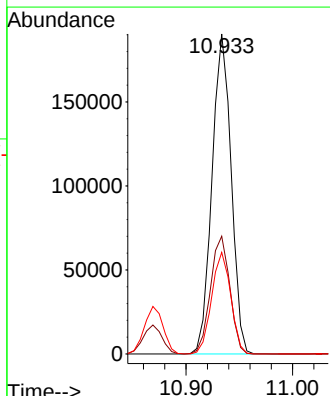
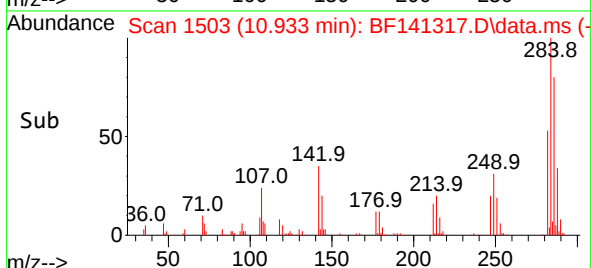
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

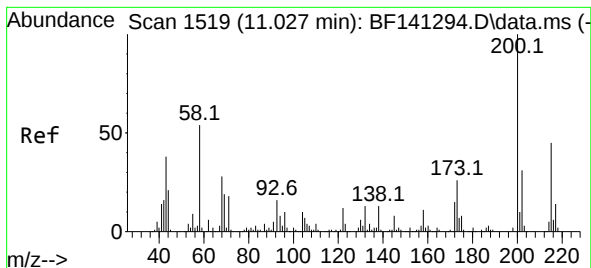


#68
Hexachlorobenzene
Concen: 38.118 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:284 Resp: 237593
Ion Ratio Lower Upper
284 100
142 36.8 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 35.972 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141317.D

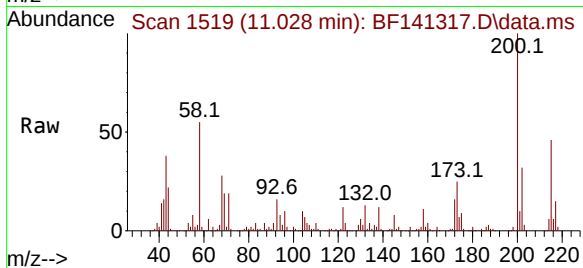
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



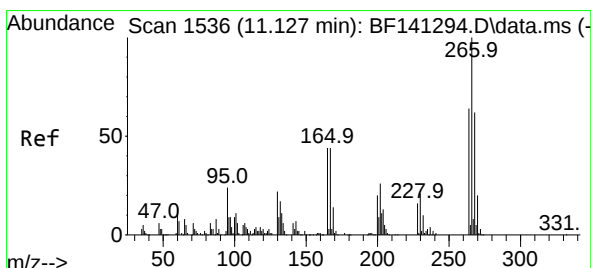
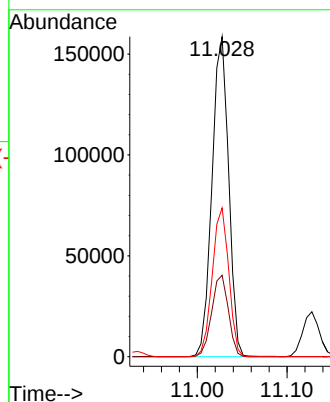
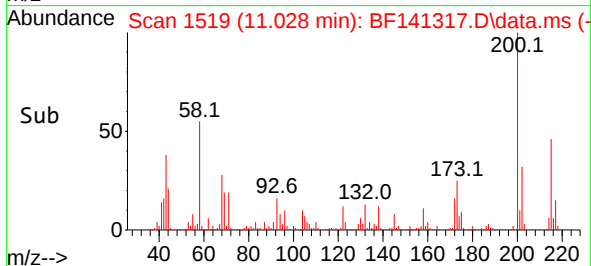
Tgt Ion:	200	Resp:	204174
Ion Ratio	Lower	Upper	
200	100		
173	25.5	5.9	45.9
215	46.5	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#70

Pentachlorophenol

Concen: 43.282 ng

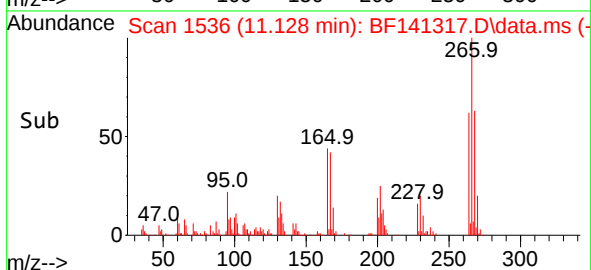
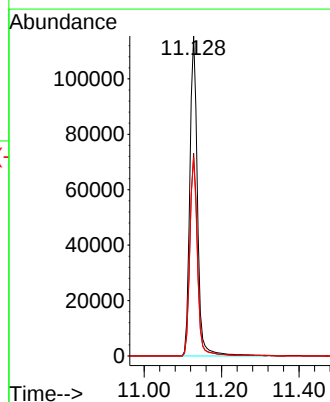
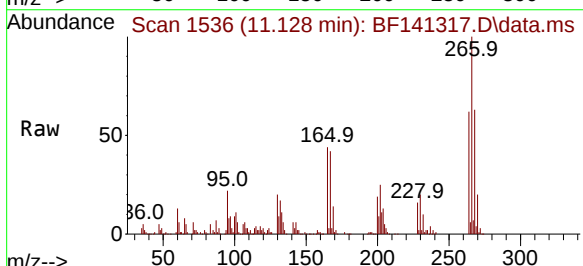
RT: 11.128 min Scan# 1536

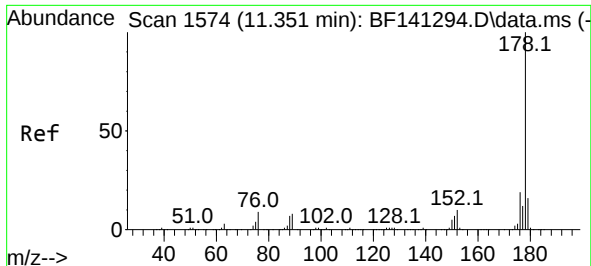
Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

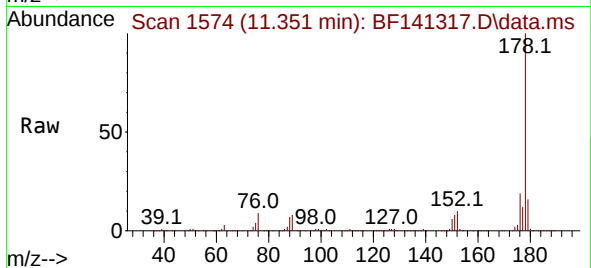
Tgt Ion:	266	Resp:	157977
Ion Ratio	Lower	Upper	
266	100		
268	63.3	49.9	74.9
264	61.9	51.0	76.4





#71
Phenanthrene
Concen: 37.906 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

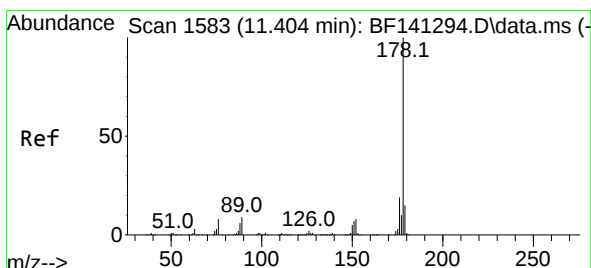
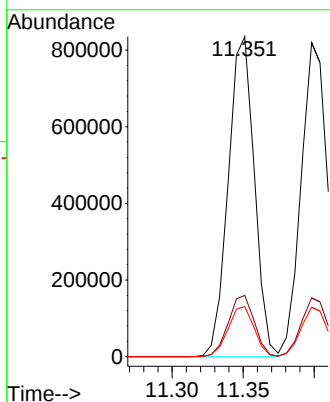
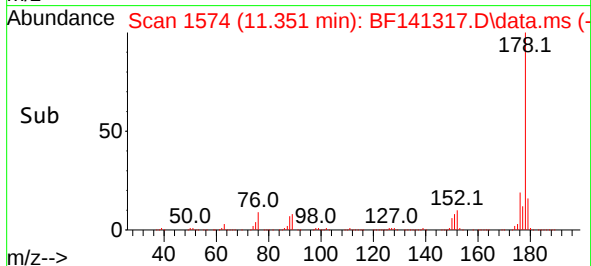
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 1069469
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

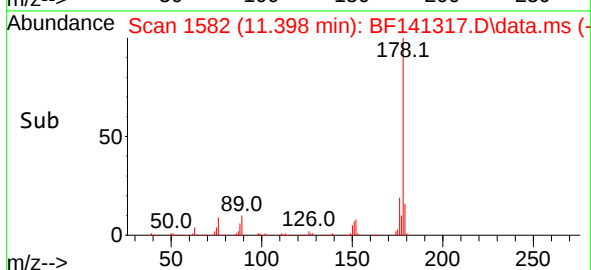
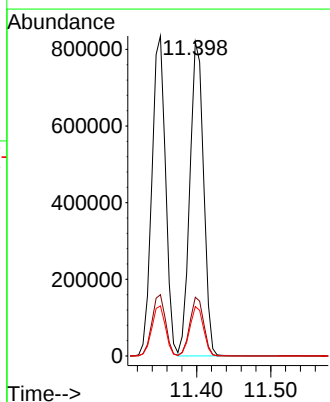
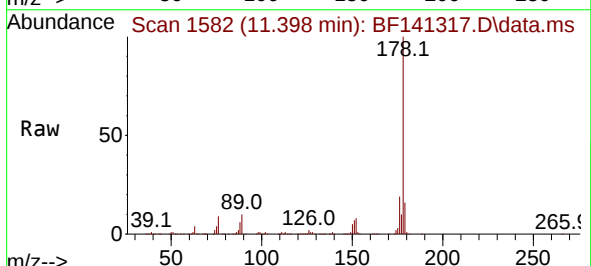
Manual Integrations
APPROVED

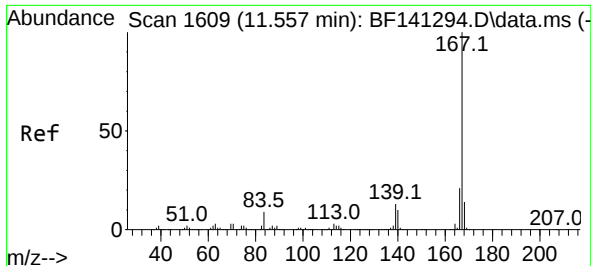
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#72
Anthracene
Concen: 38.134 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

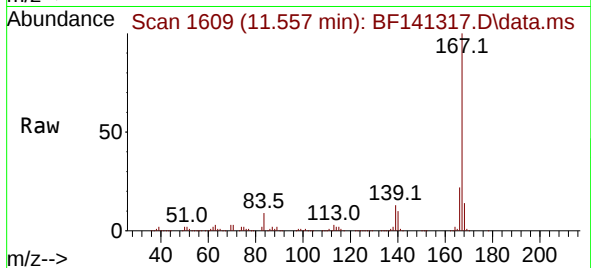
Tgt Ion:178 Resp: 1054198
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 38.149 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04

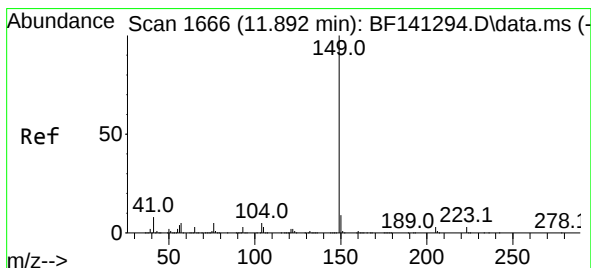
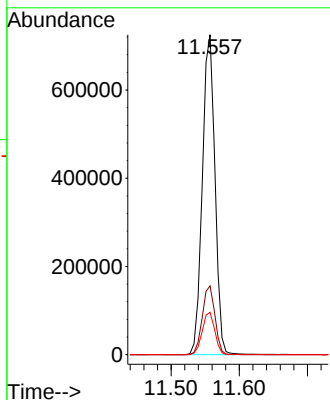
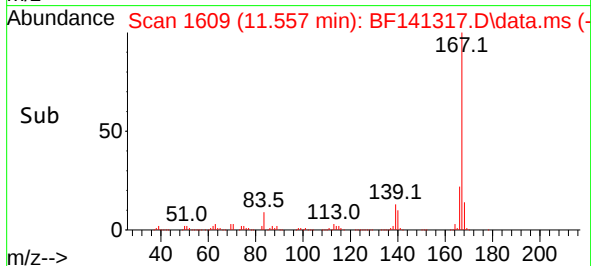
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



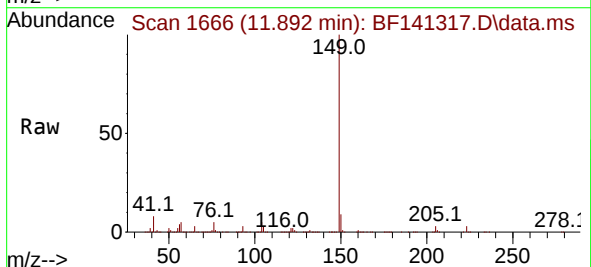
Tgt Ion:167 Resp: 935132
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.2 10.6 16.0

Manual Integrations
 APPROVED

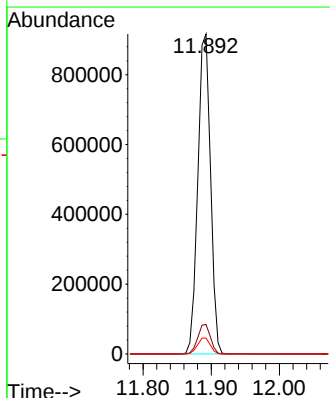
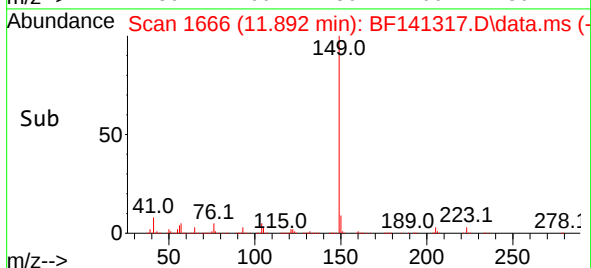
Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

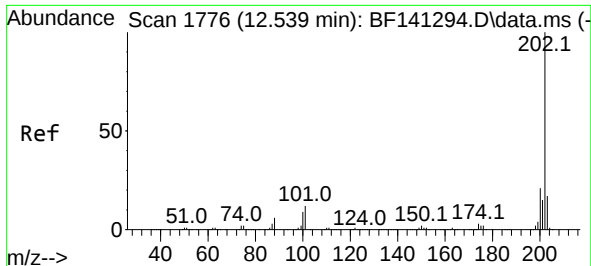


#74
 Di-n-butylphthalate
 Concen: 39.747 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04



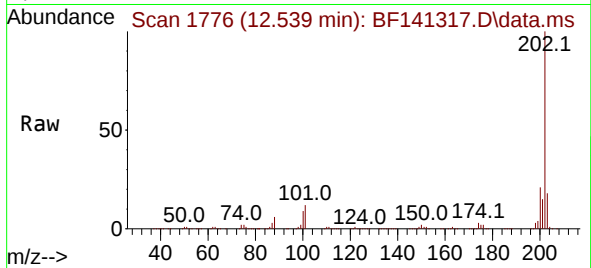
Tgt Ion:149 Resp: 1180762
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 38.884 ng
RT: 12.539 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

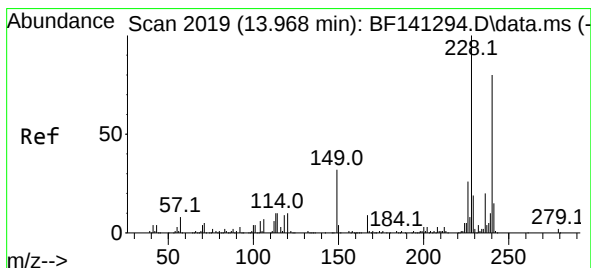
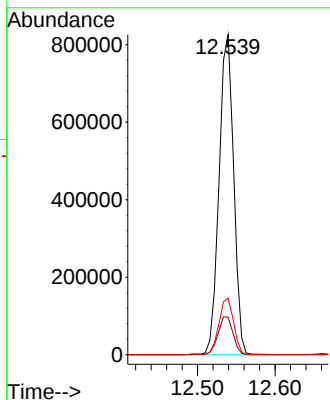
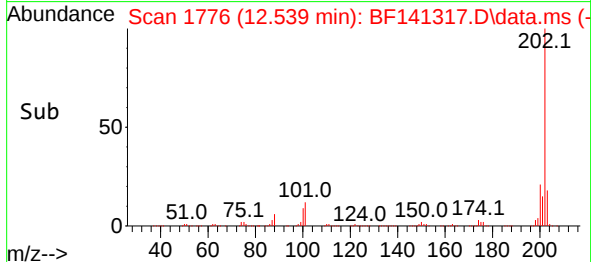
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



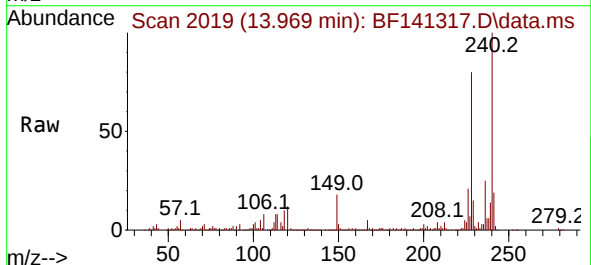
Tgt Ion:202 Resp: 108322
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
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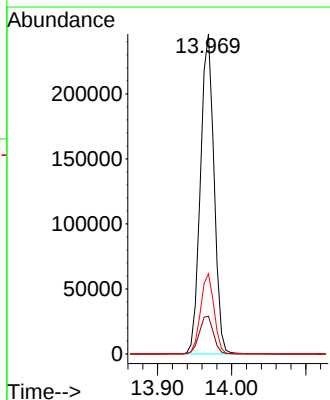
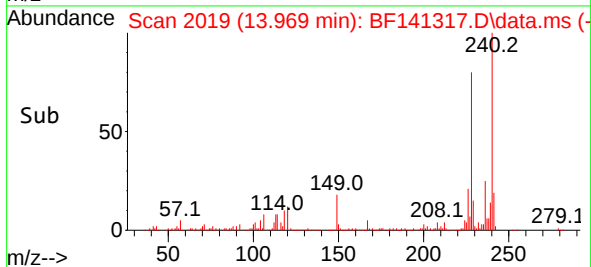
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

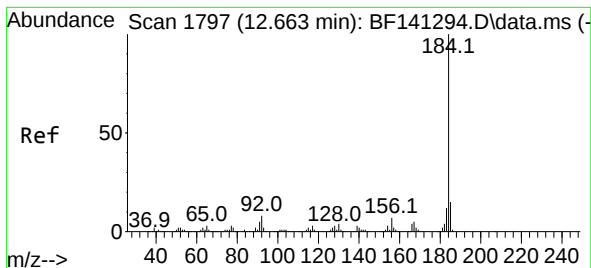


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:240 Resp: 313584
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 25.1 19.7 29.5





#77

Benzidine

Concen: 43.259 ng

RT: 12.663 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

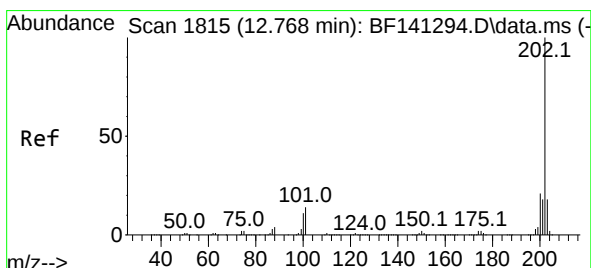
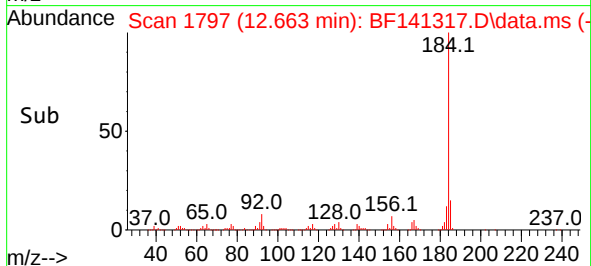
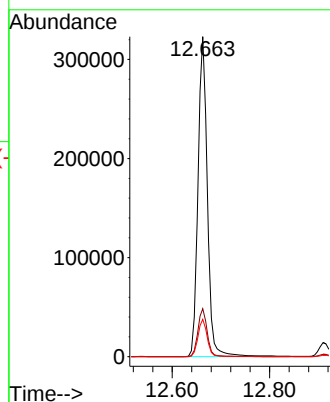
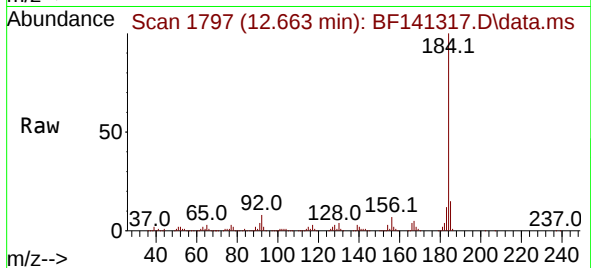
SSTDCCC040EC

Tgt Ion:184 Resp: 43488
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.9 17.9
 183 11.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025



#78

Pyrene

Concen: 36.536 ng

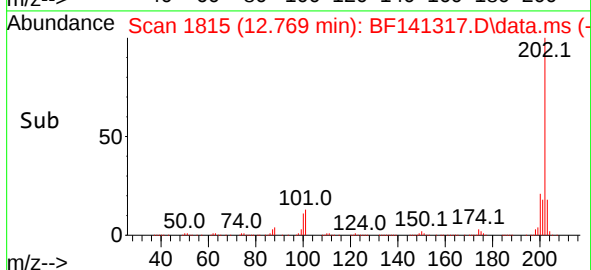
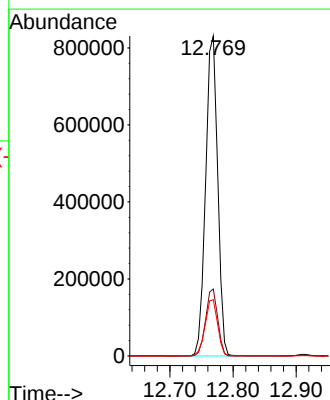
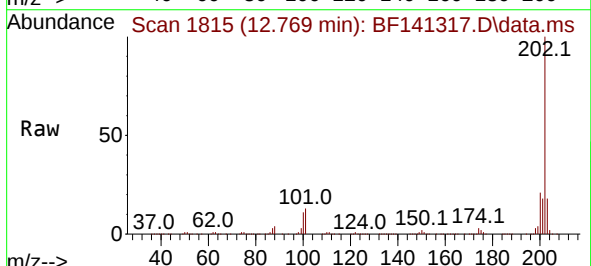
RT: 12.769 min Scan# 1815

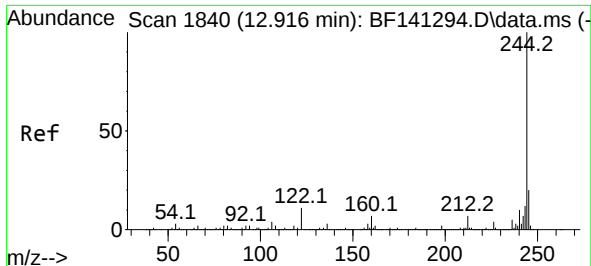
Delta R.T. 0.000 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion:202 Resp: 1099785
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.0 25.4
 203 17.6 14.3 21.5





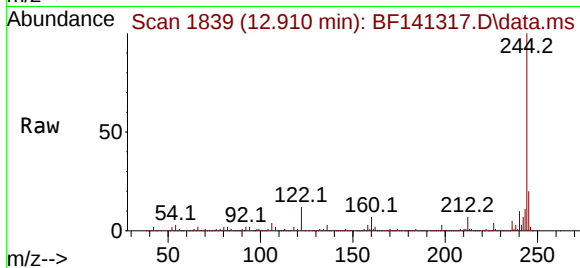
#79
 Terphenyl-d14
 Concen: 71.520 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

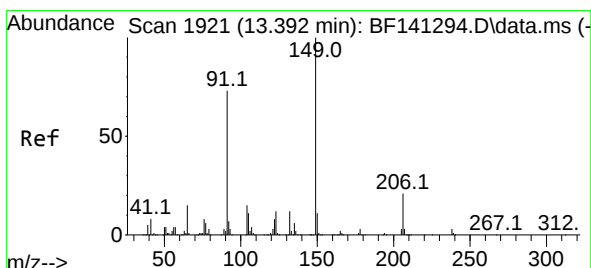
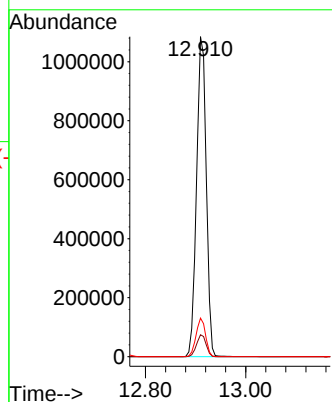
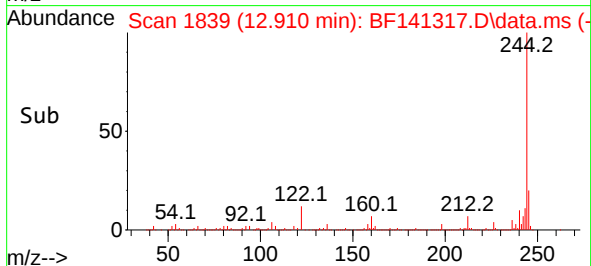


Tgt Ion:244 Resp: 1454264
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.1 8.8 13.2

Manual Integrations

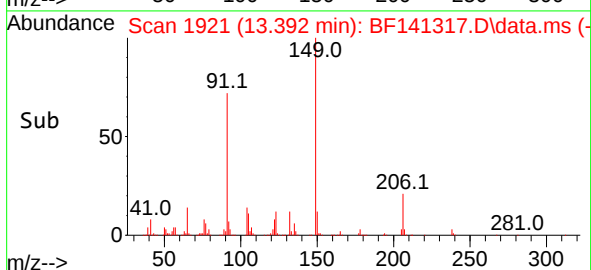
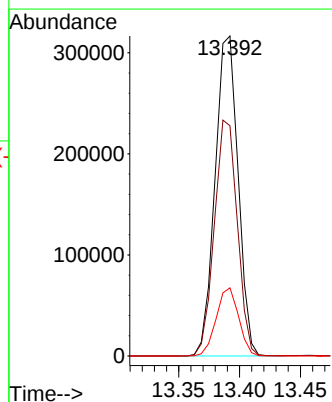
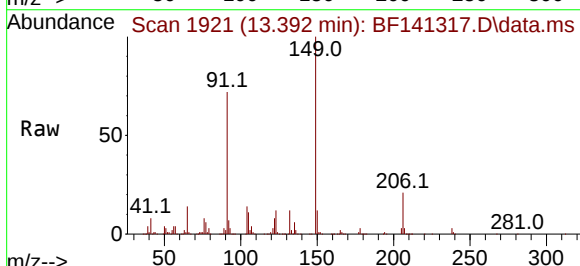
APPROVED

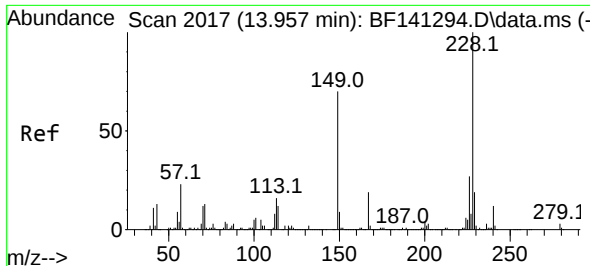
Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 39.659 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF141317.D
 Acq: 30 Jan 2025 17:04

Tgt Ion:149 Resp: 417051
 Ion Ratio Lower Upper
 149 100
 91 71.9 58.6 87.8
 206 21.3 16.7 25.1





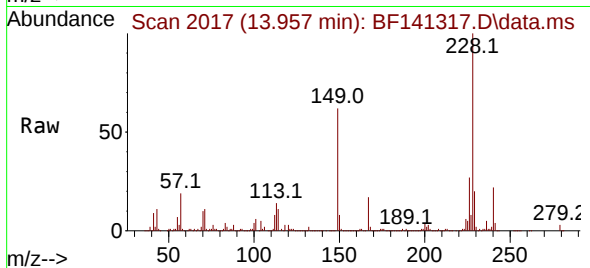
#81
Benzo(a)anthracene
Concen: 35.166 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

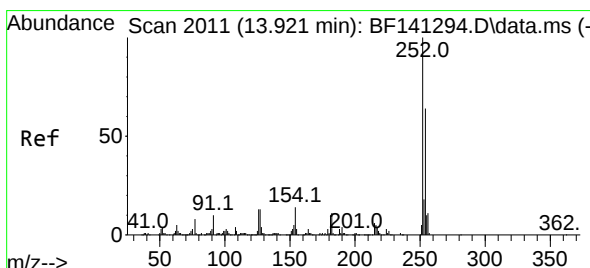
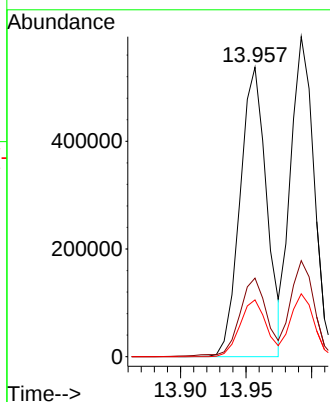
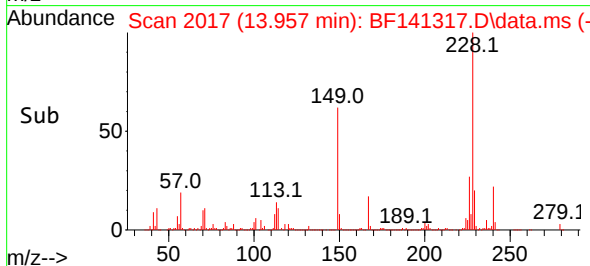


Tgt Ion:228 Resp: 760962
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.6 15.5 23.3

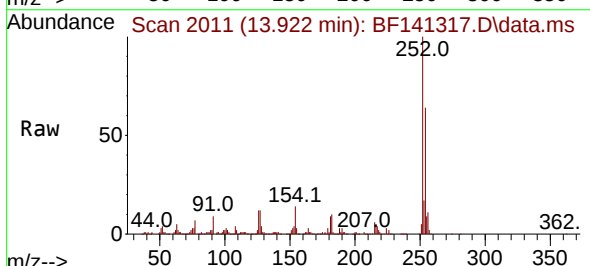
Manual Integrations

APPROVED

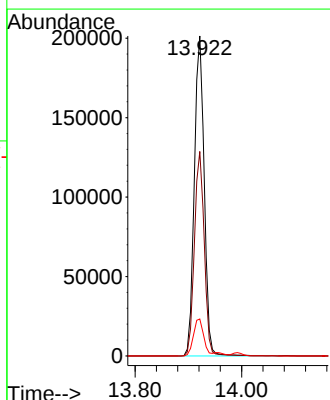
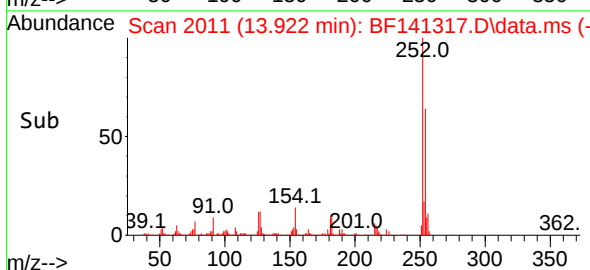
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

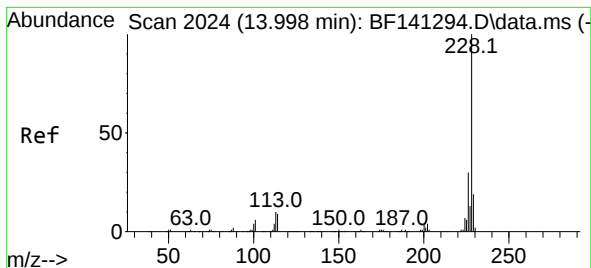


#82
3,3'-Dichlorobenzidine
Concen: 37.754 ng
RT: 13.922 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:252 Resp: 259833
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 11.5 10.0 15.0





#83

Chrysene

Concen: 37.240 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 738524

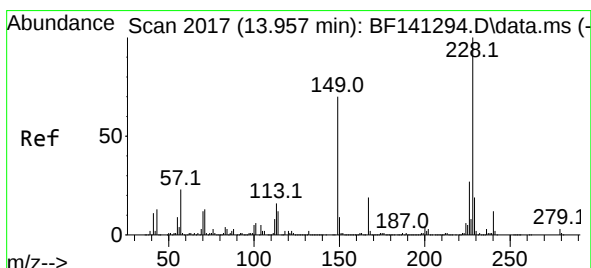
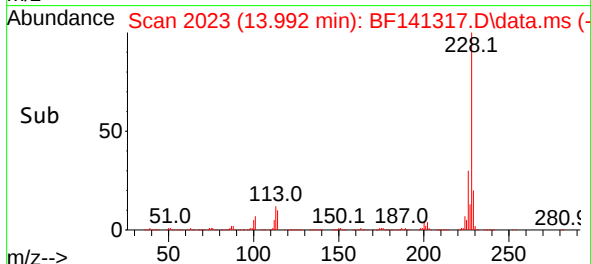
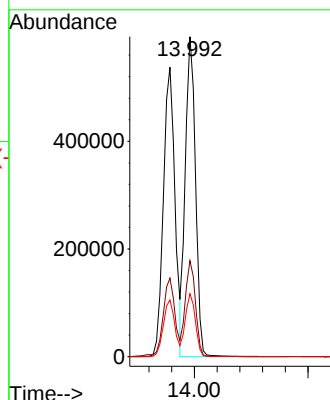
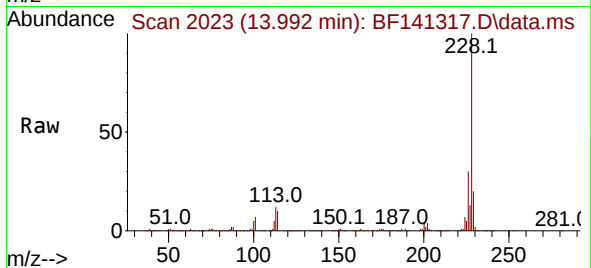
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.932 ng

RT: 13.951 min Scan# 2016

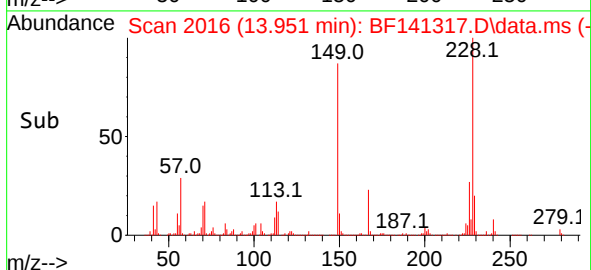
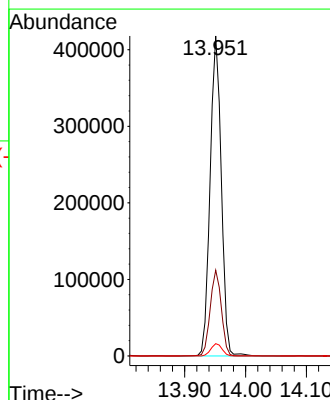
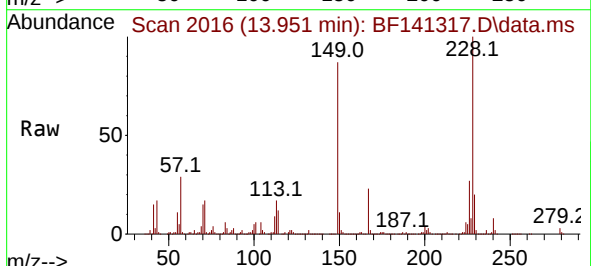
Delta R.T. -0.006 min

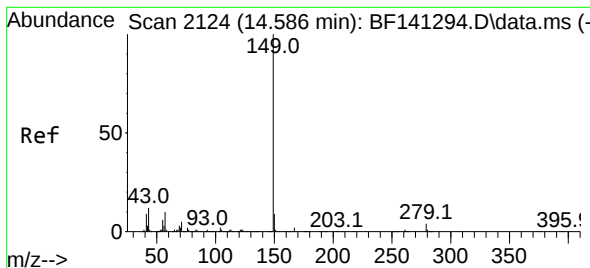
Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Tgt Ion:149 Resp: 532693

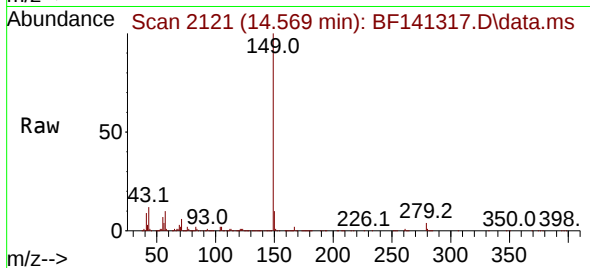
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 41.365 ng
RT: 14.569 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

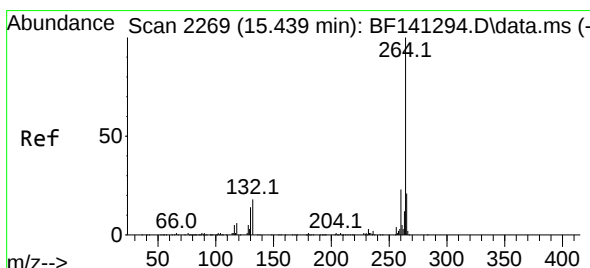
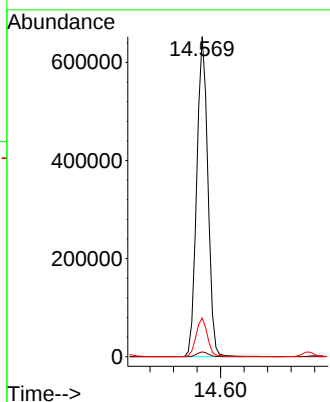
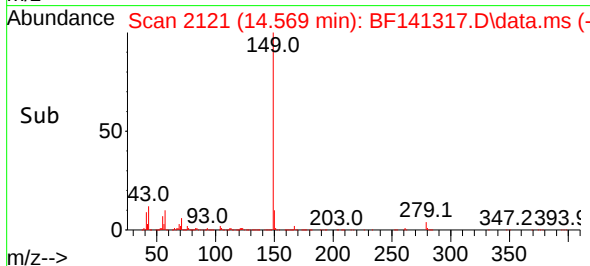
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 85707
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 9.8 14.8

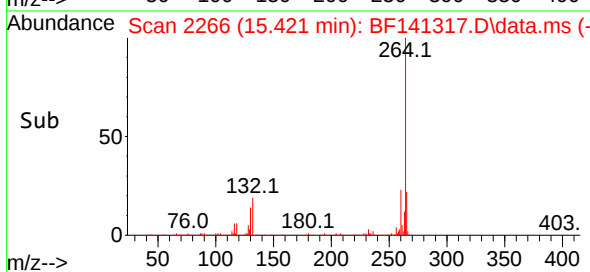
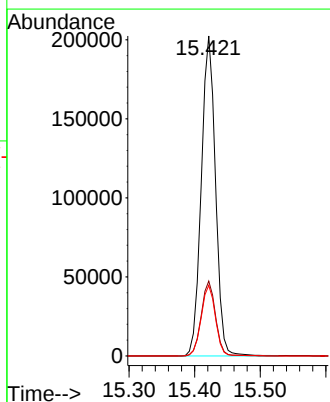
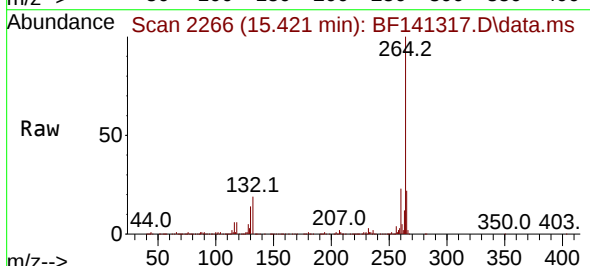
Manual Integrations
APPROVED

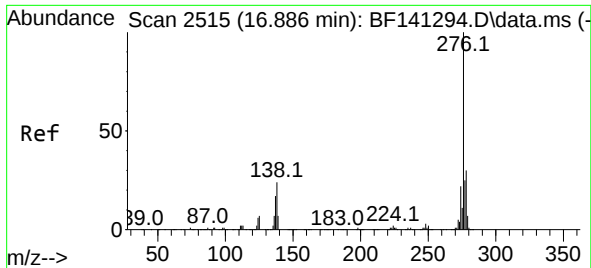
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:264 Resp: 305879
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.0 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.060 ng
RT: 16.868 min Scan# 2113
Delta R.T. -0.029 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

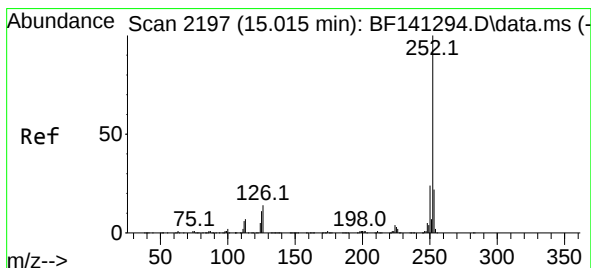
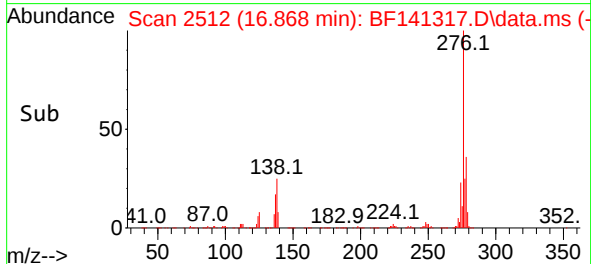
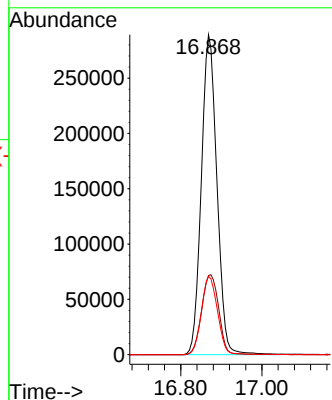
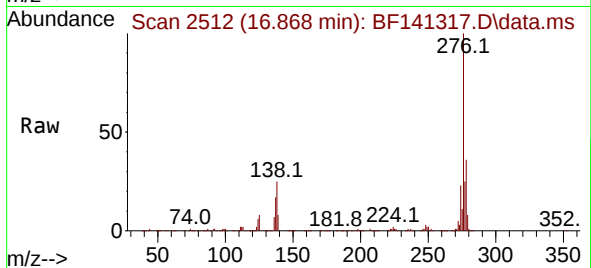
SSTDCCC040EC

Tgt Ion:276 Resp: 771135
Ion Ratio Lower Upper
276 100
138 27.5 21.7 32.5
277 25.4 20.3 30.5

Manual Integrations

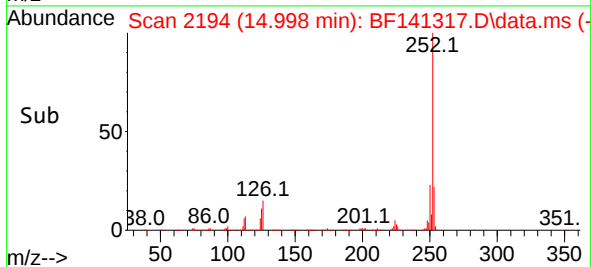
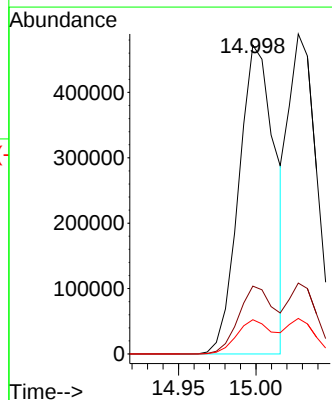
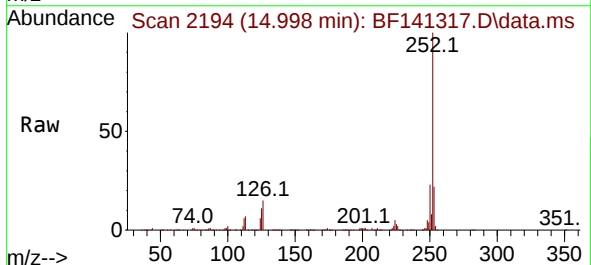
APPROVED

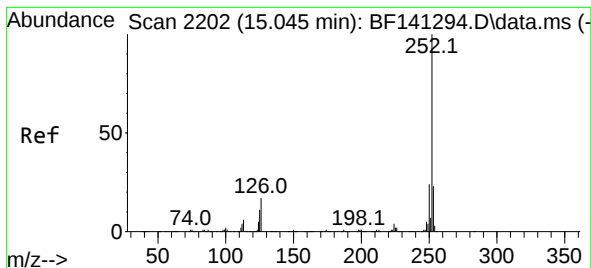
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#88
Benzo(b)fluoranthene
Concen: 39.849 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

Tgt Ion:252 Resp: 766715
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.1 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 36.796 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:252 Resp: 627179

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

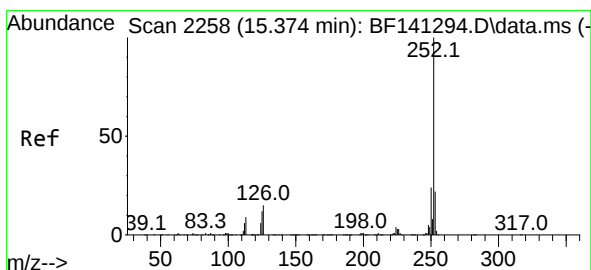
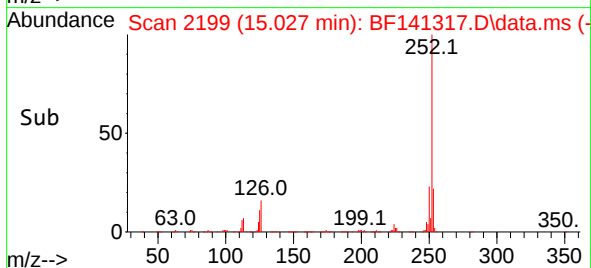
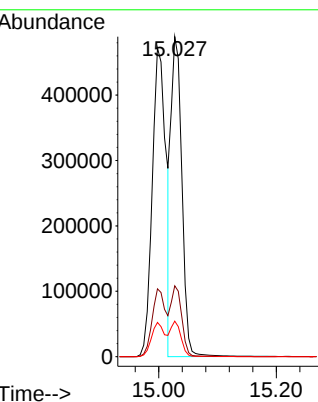
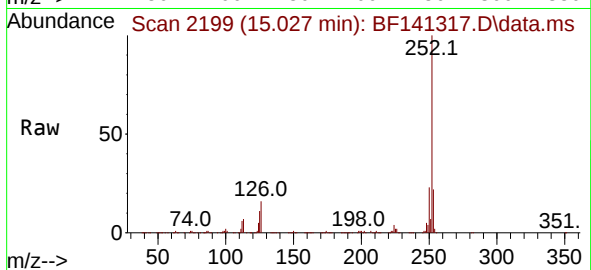
125 11.1 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#90

Benzo(a)pyrene

Concen: 38.345 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141317.D

Acq: 30 Jan 2025 17:04

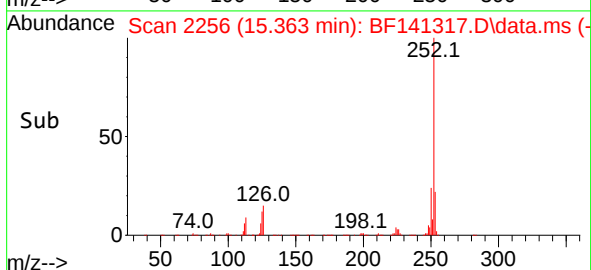
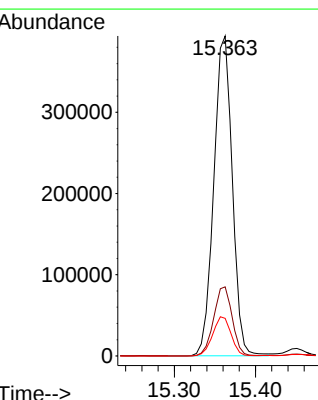
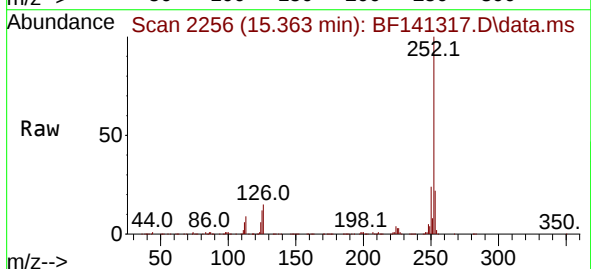
Tgt Ion:252 Resp: 623454

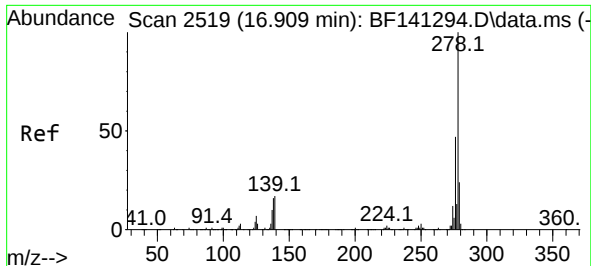
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

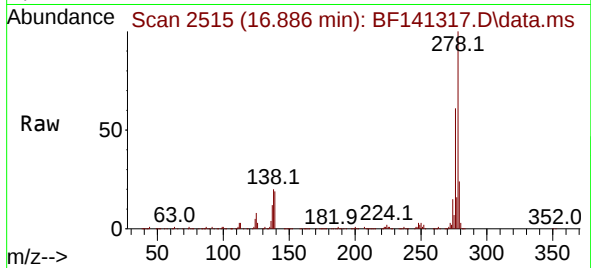
125 11.7 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 39.045 ng
RT: 16.886 min Scan# 211
Delta R.T. -0.035 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04

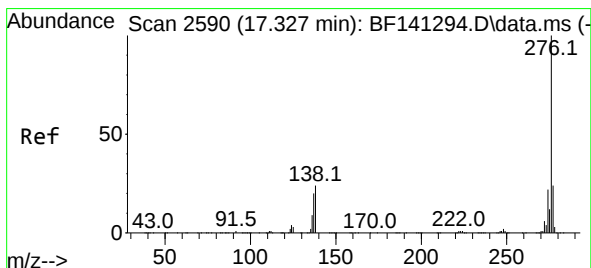
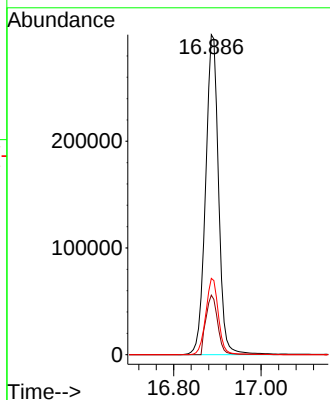
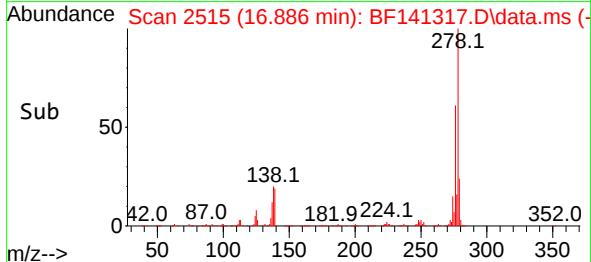
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



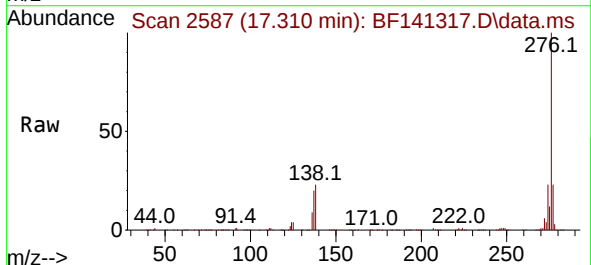
Tgt Ion:278 Resp: 62015
Ion Ratio Lower Upper
278 100
139 18.6 13.9 20.9
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 39.722 ng
RT: 17.310 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141317.D
Acq: 30 Jan 2025 17:04



Tgt Ion:276 Resp: 656024
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 23.3 19.0 28.4

