

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141319.D
 Acq On : 31 Jan 2025 09:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 31 10:53:02 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597989	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319509	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	533134	20.000	ng	0.00
76) Chrysene-d12	13.968	240	330369	20.000	ng	0.00
86) Perylene-d12	15.421	264	300994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	727699	72.646	ng	0.00
7) Phenol-d6	6.428	99	939281	73.709	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838341	73.905	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	222491	75.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1447765	69.744	ng	0.00
79) Terphenyl-d14	12.916	244	1506599	70.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	161539	36.668	ng	100
3) Pyridine	3.210	79	407942	38.432	ng	100
4) n-Nitrosodimethylamine	3.169	42	229431	37.837	ng	100
6) Aniline	6.463	93	412360	38.228	ng	99
8) 2-Chlorophenol	6.581	128	397525	37.025	ng	99
9) Benzaldehyde	6.345	77	275501	37.325	ng	99
10) Phenol	6.439	94	500772	37.071	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	379050	36.597	ng	99
12) 1,3-Dichlorobenzene	6.739	146	432517	36.536	ng	99
13) 1,4-Dichlorobenzene	6.816	146	436984	36.744	ng	98
14) 1,2-Dichlorobenzene	6.969	146	401611	36.064	ng	99
15) Benzyl Alcohol	6.939	79	324647	37.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	664022	36.868	ng	100
17) 2-Methylphenol	7.051	107	313777	35.959	ng	99
18) Hexachloroethane	7.310	117	160992	36.695	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	269514	35.594	ng	98
20) 3+4-Methylphenols	7.204	107	391525	36.543	ng	97
22) Acetophenone	7.210	105	507679	35.716	ng	98
24) Nitrobenzene	7.381	77	435929	37.084	ng	100
25) Isophorone	7.622	82	727240	37.088	ng	99
26) 2-Nitrophenol	7.698	139	211813	38.206	ng	100
27) 2,4-Dimethylphenol	7.734	122	264066m	37.421	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	461125	36.868	ng	100
29) 2,4-Dichlorophenol	7.939	162	318650	36.886	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	358109	36.298	ng	100
31) Naphthalene	8.104	128	1149392	36.385	ng	100
32) Benzoic acid	7.851	122	268867	41.447	ng	99
33) 4-Chloroaniline	8.151	127	392588	36.648	ng	99
34) Hexachlorobutadiene	8.222	225	212997	36.815	ng	99
35) Caprolactam	8.522	113	106833	37.866	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	344864	37.217	ng	98
37) 2-Methylnaphthalene	8.792	142	728000	36.258	ng	99
38) 1-Methylnaphthalene	8.892	142	710737	36.036	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	331758	36.498	ng	100
41) Hexachlorocyclopentadiene	8.945	237	106090	39.520	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	223224	37.520	ng	100

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Manual Integrations
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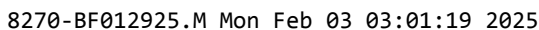
Quant Time: Jan 31 10:53:02 2025
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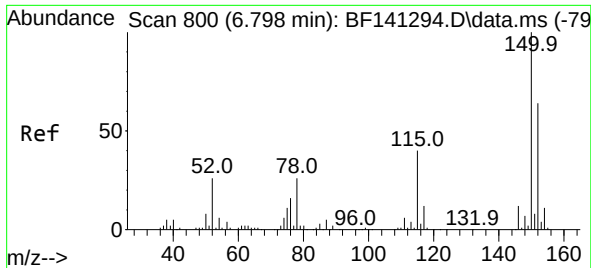
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	237426	36.666	ng	99
46) 1,1'-Biphenyl	9.257	154	897425	36.015	ng	100
47) 2-Chloronaphthalene	9.281	162	696645	35.869	ng	99
48) 2-Nitroaniline	9.380	65	233710	38.256	ng	98
49) Acenaphthylene	9.698	152	980054	36.048	ng	99
50) Dimethylphthalate	9.563	163	789847	36.602	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188139	37.549	ng	99
52) Acenaphthene	9.875	154	714359	36.779	ng	100
53) 3-Nitroaniline	9.792	138	187747	38.231	ng	100
54) 2,4-Dinitrophenol	9.898	184	95612	41.050	ng	99
55) Dibenzofuran	10.045	168	945339	36.361	ng	100
56) 4-Nitrophenol	9.945	139	142865	39.779	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247489	38.150	ng	99
58) Fluorene	10.386	166	723204	35.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	197432	38.756	ng	99
60) Diethylphthalate	10.263	149	779087	37.235	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	356042	36.144	ng	99
62) 4-Nitroaniline	10.404	138	185062	38.331	ng	99
63) Azobenzene	10.539	77	778507	37.170	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	135268	42.895	ng	99
66) n-Nitrosodiphenylamine	10.498	169	643501	37.318	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	224498	37.613	ng	99
68) Hexachlorobenzene	10.933	284	237426	37.501	ng	100
69) Atrazine	11.027	200	203394	35.279	ng	98
70) Pentachlorophenol	11.127	266	157156	42.389	ng	99
71) Phenanthrene	11.351	178	1070271	37.346	ng	100
72) Anthracene	11.404	178	1060701	37.774	ng	100
73) Carbazole	11.557	167	947189	38.041	ng	99
74) Di-n-butylphthalate	11.892	149	1180612	39.126	ng	100
75) Fluoranthene	12.539	202	1112201	39.305	ng	100
77) Benzidine	12.663	184	508814	48.042	ng	99
78) Pyrene	12.769	202	1120815	35.343	ng	99
80) Butylbenzylphthalate	13.392	149	430451	38.853	ng	99
81) Benzo(a)anthracene	13.957	228	772115	33.869	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	258352	35.631	ng	100
83) Chrysene	13.992	228	763560	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	545048	38.782	ng	99
85) Di-n-octyl phthalate	14.568	149	843000	38.619	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	742134	38.201	ng	100
88) Benzo(b)fluoranthene	15.004	252	697649	36.848	ng	100
89) Benzo(k)fluoranthene	15.033	252	665836	39.698	ng	100
90) Benzo(a)pyrene	15.362	252	602926	37.684	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	594869	38.060	ng	99
92) Benzo(g,h,i)perylene	17.309	276	622871	38.327	ng	99

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

Manual Integrations

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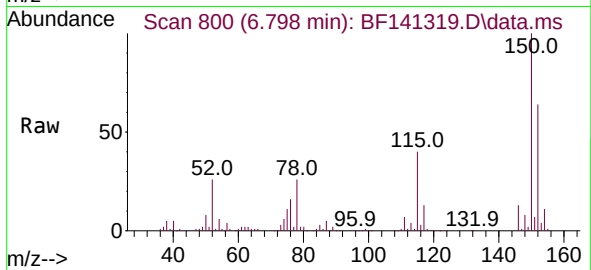
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

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SSTDCCC040

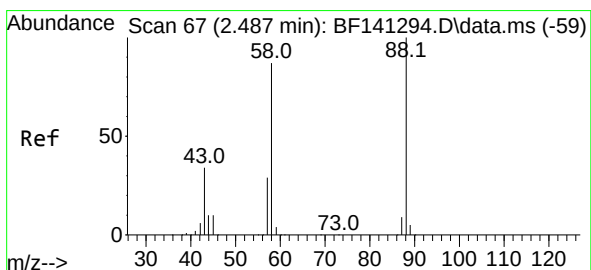
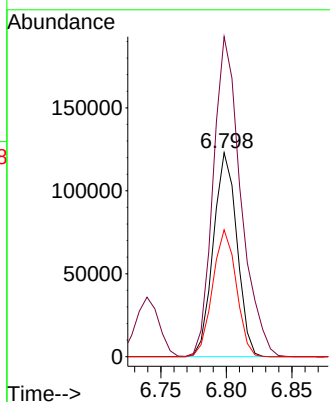
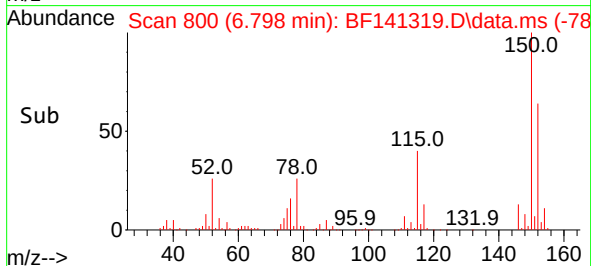


Tgt Ion:152 Resp: 15378
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 62.2 49.7 74.5

Manual Integrations

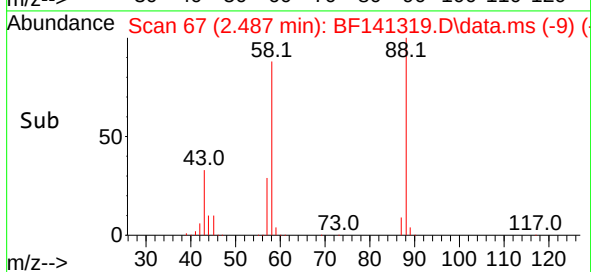
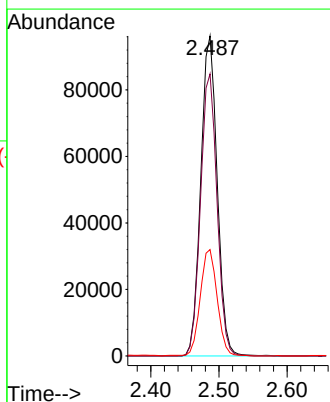
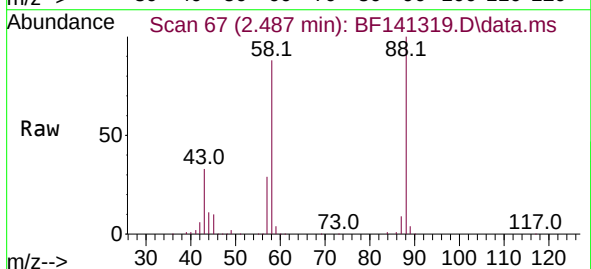
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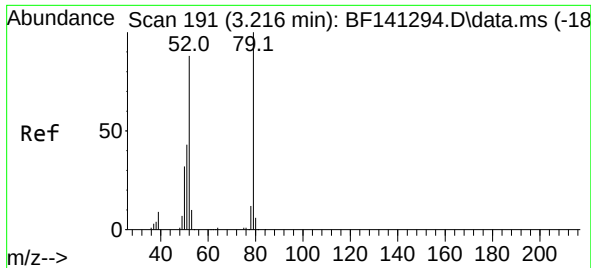
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 36.668 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

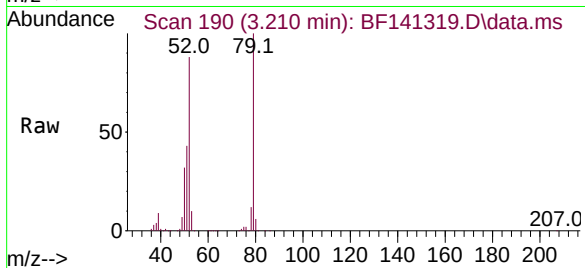
Tgt Ion: 88 Resp: 161539
Ion Ratio Lower Upper
88 100
58 88.2 70.2 105.4
43 34.3 27.6 41.4





#3
Pyridine
Concen: 38.432 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

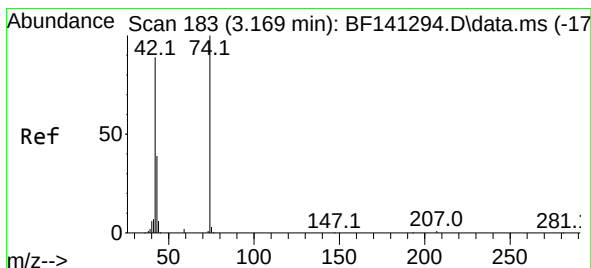
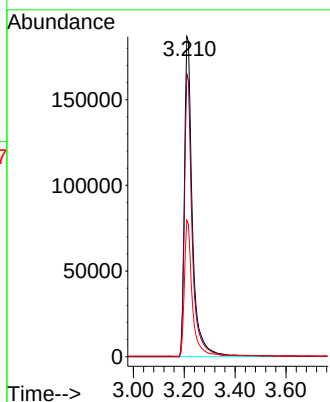
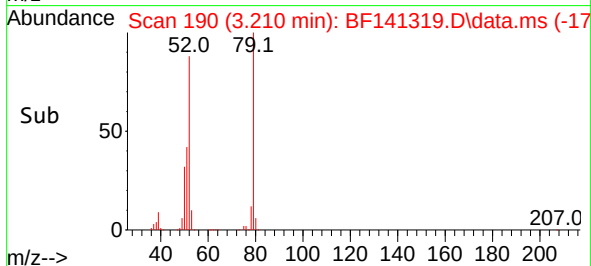
Instrument :
BNA_F
ClientSampleId :
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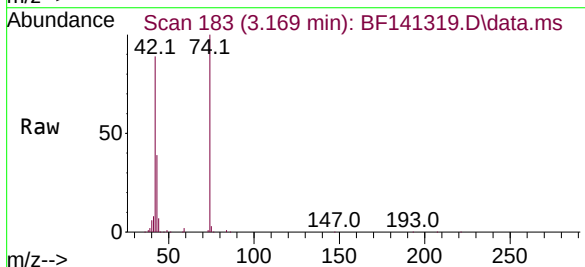
Tgt Ion: 79 Resp: 40794
Ion Ratio Lower Upper
79 100
52 88.3 70.3 105.5
51 42.5 34.3 51.5

Manual Integrations
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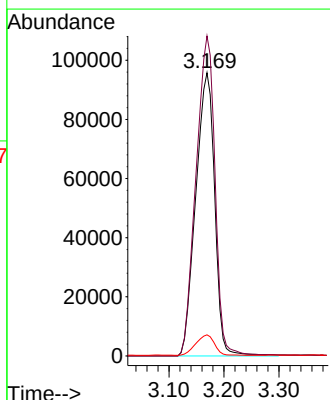
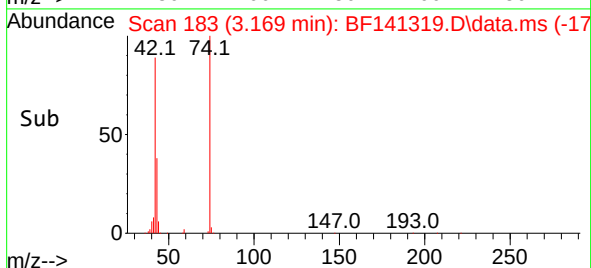
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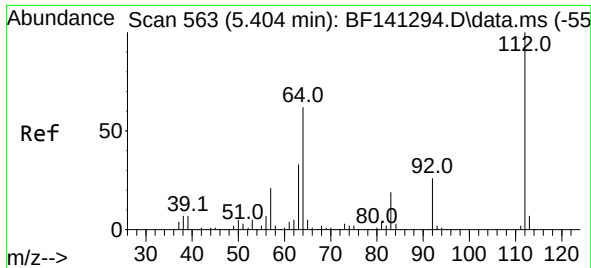


#4
n-Nitrosodimethylamine
Concen: 37.837 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion: 42 Resp: 229431
Ion Ratio Lower Upper
42 100
74 113.0 90.3 135.5
44 7.5 5.7 8.5





#5
2-Fluorophenol
Concen: 72.646 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

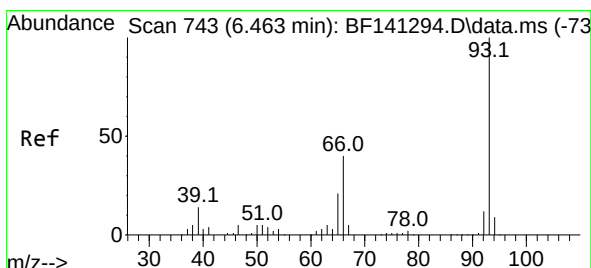
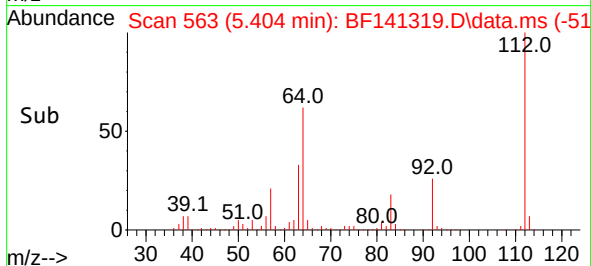
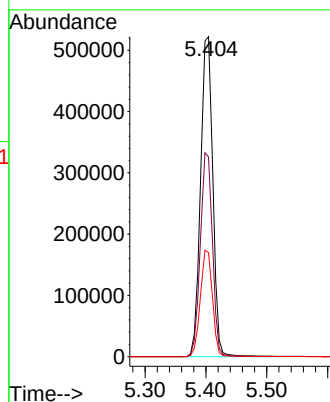
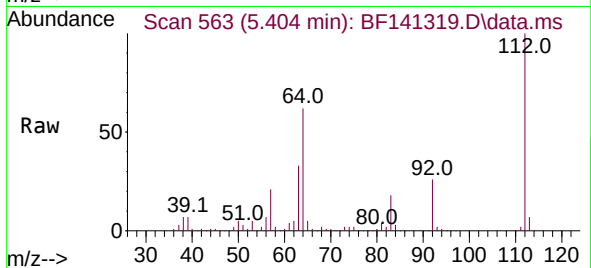
SSTDCCC040

Tgt Ion:112 Resp: 727699
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 32.5 26.1 39.1

Manual Integrations

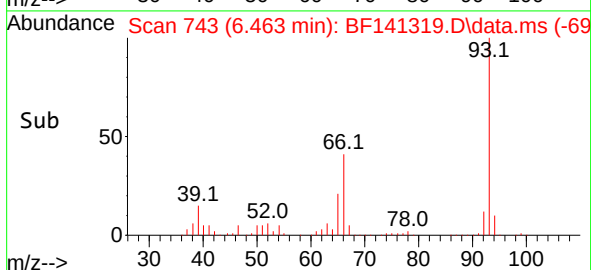
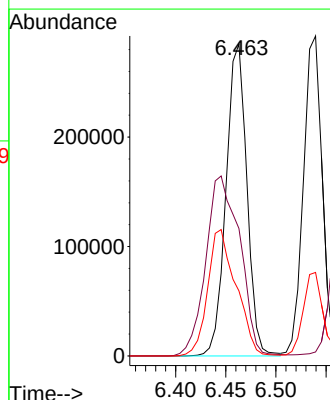
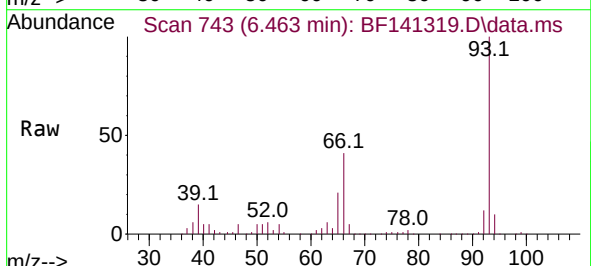
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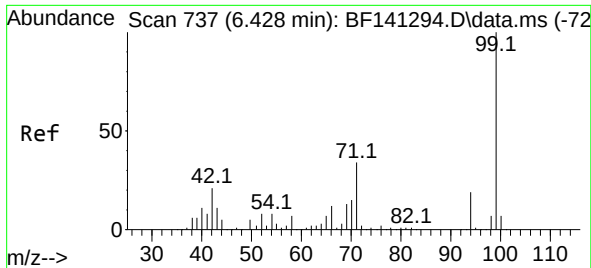
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 38.228 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141319.D
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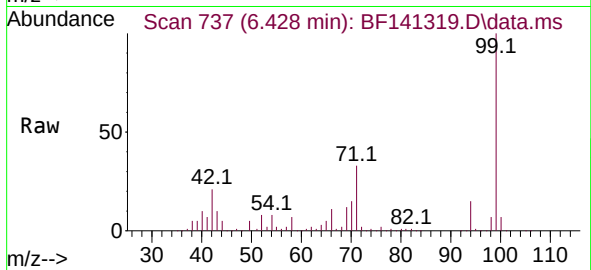
Tgt Ion: 93 Resp: 412360
Ion Ratio Lower Upper
93 100
66 40.9 32.5 48.7
65 20.9 17.0 25.6





#7
Phenol-d6
Concen: 73.709 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

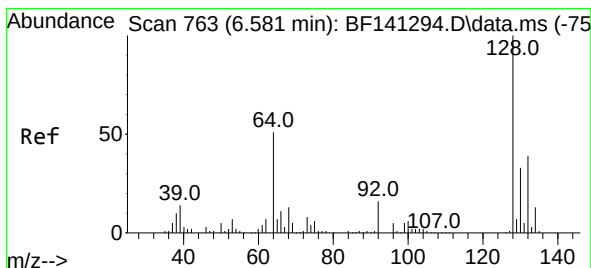
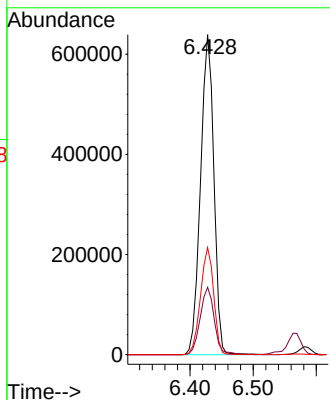
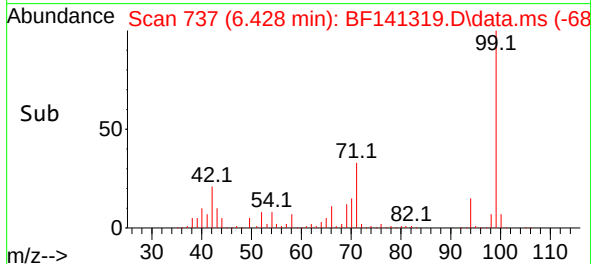
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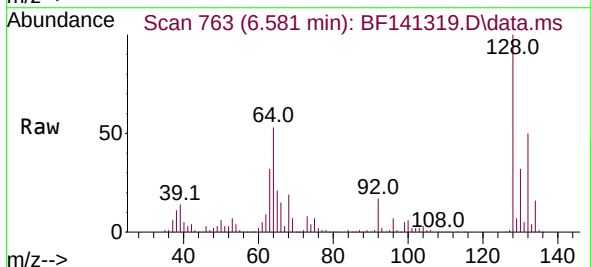
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Ion Ratio Lower Upper
99 100
42 21.1 17.1 25.7
71 33.4 26.9 40.3

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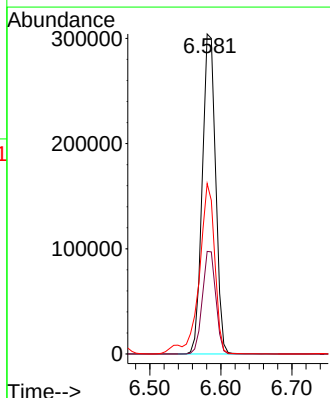
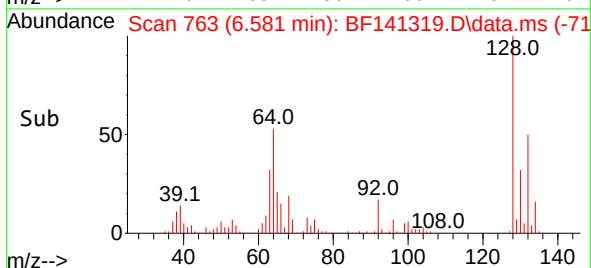
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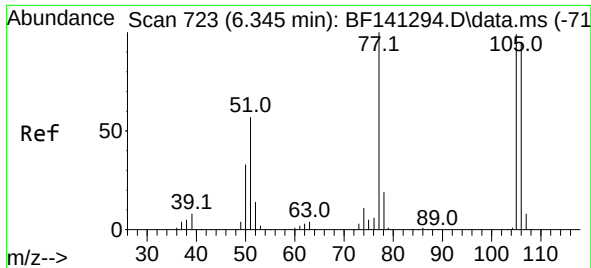


#8
2-Chlorophenol
Concen: 37.025 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:128 Resp: 397525
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 53.2 32.9 72.9





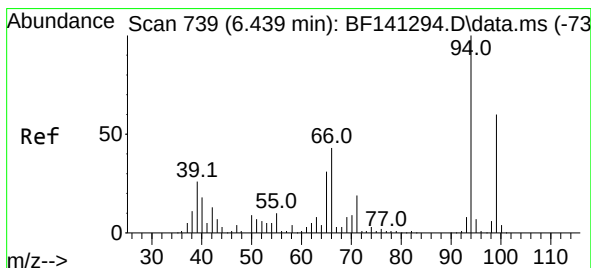
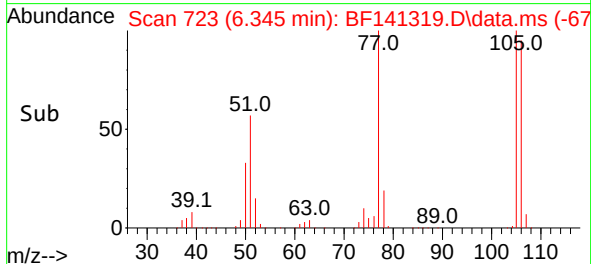
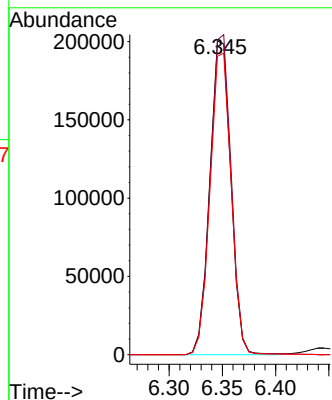
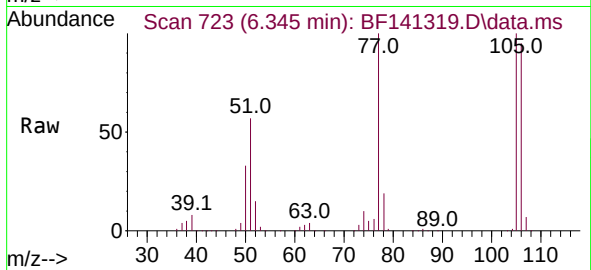
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Benzaldehyde
Concen: 37.325 ng
RT: 6.345 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF141319.D
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Tgt Ion: 77 Resp: 27550
Ion Ratio Lower Upper
77 100
105 100.4 79.4 119.4
106 95.1 74.6 114.6

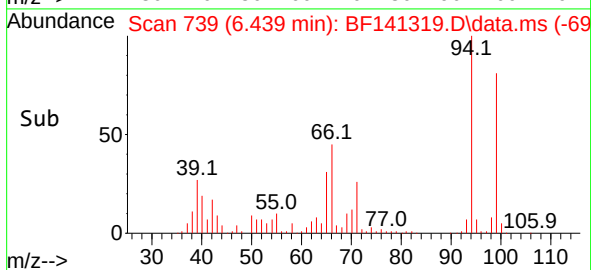
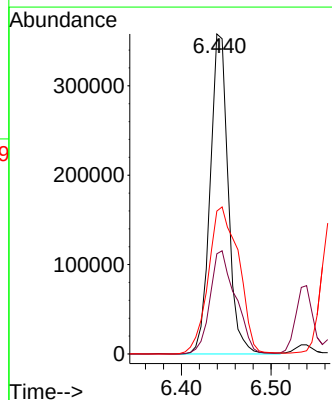
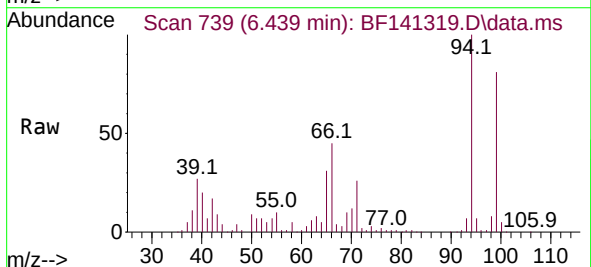
Manual Integrations
APPROVED

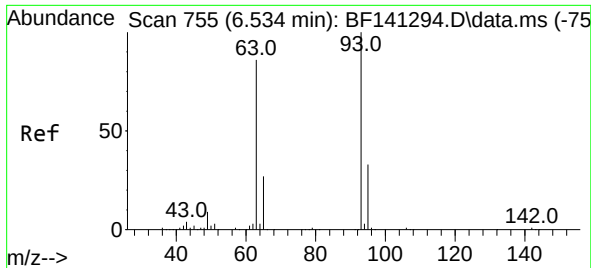
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 37.071 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 94 Resp: 500772
Ion Ratio Lower Upper
94 100
65 31.3 10.8 50.8
66 44.7 23.3 63.3





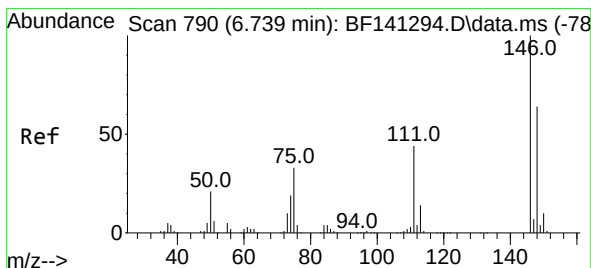
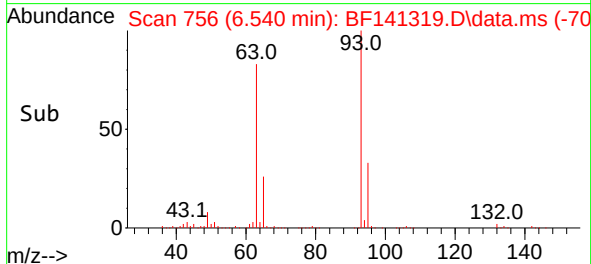
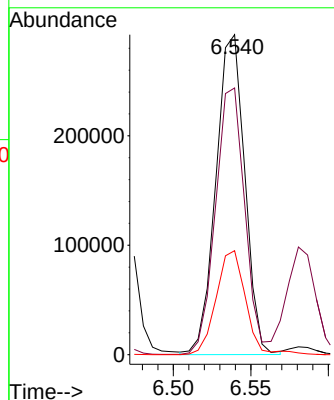
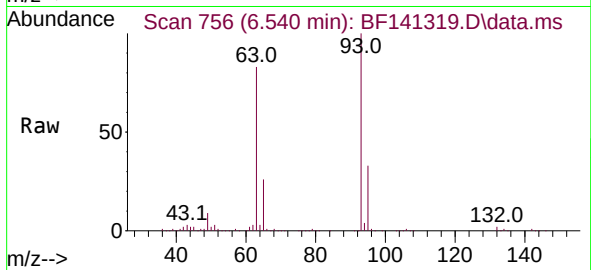
#11
bis(2-Chloroethyl)ether
Concen: 36.597 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 379050
Ion Ratio Lower Upper
93 100
63 83.3 65.0 105.0
95 32.5 12.4 52.4

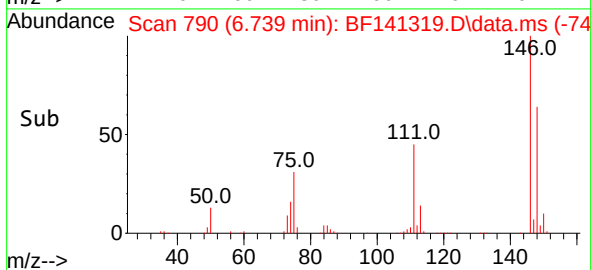
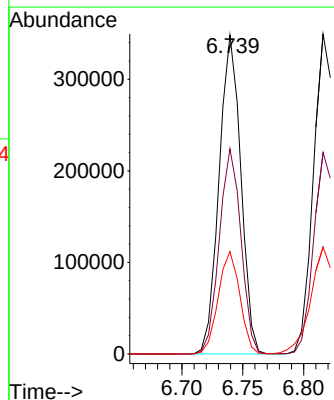
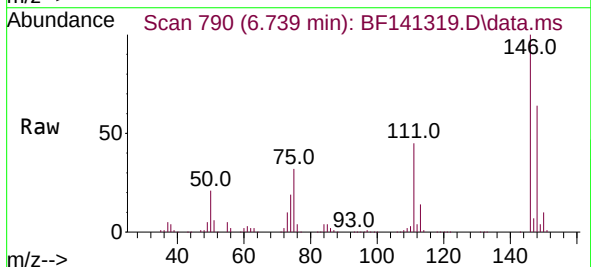
Manual Integrations
APPROVED

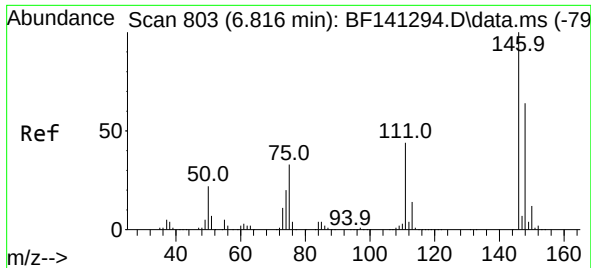
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 36.536 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 432517
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 32.1 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.744 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

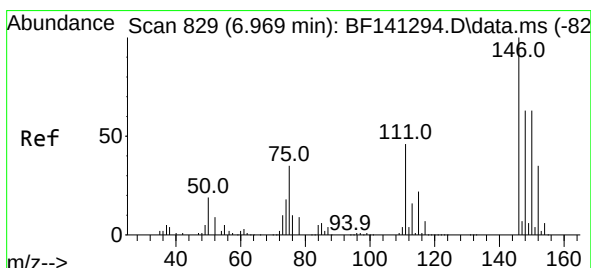
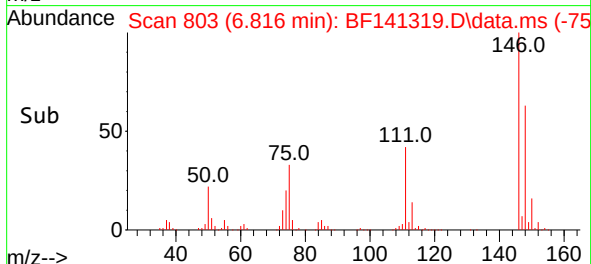
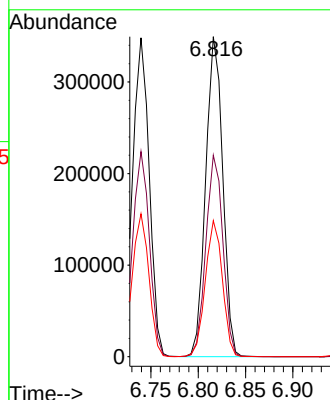
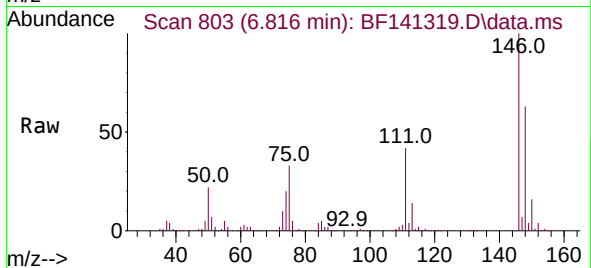
SSTDCCC040

Tgt Ion:146 Resp: 436984
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 42.5 35.0 52.4

Manual Integrations

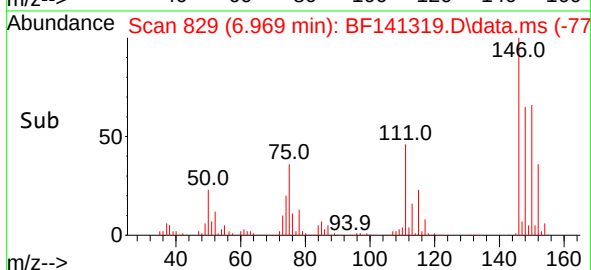
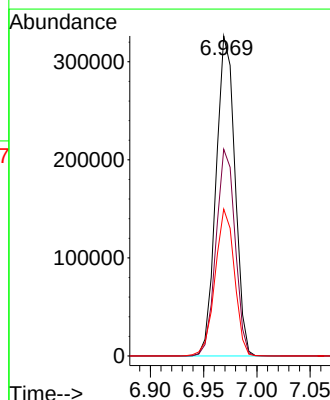
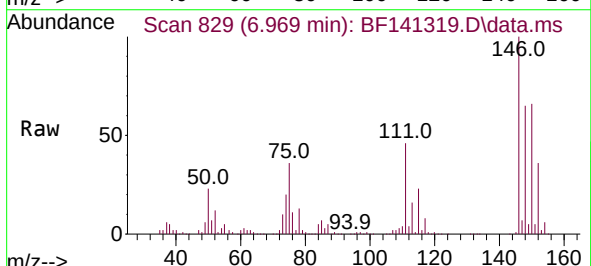
APPROVED

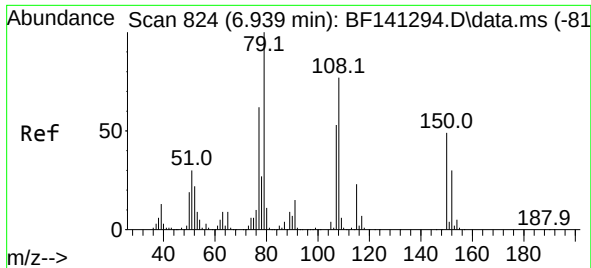
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 36.064 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

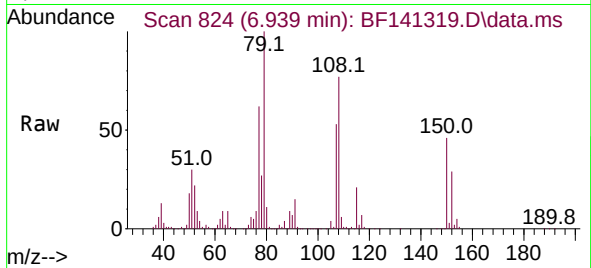
Tgt Ion:146 Resp: 401611
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 45.9 36.6 55.0





#15
Benzyl Alcohol
Concen: 37.279 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

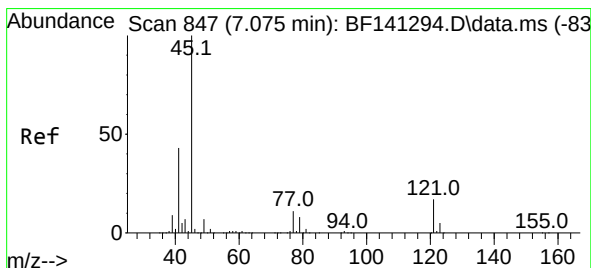
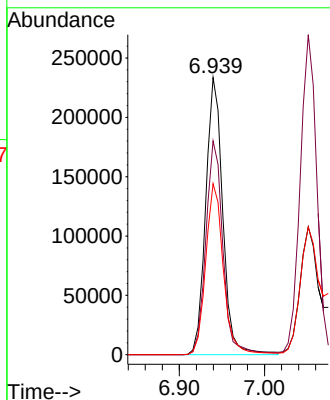
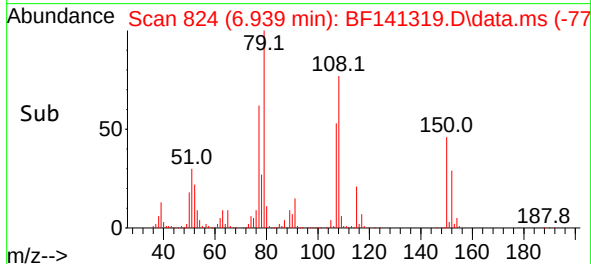
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



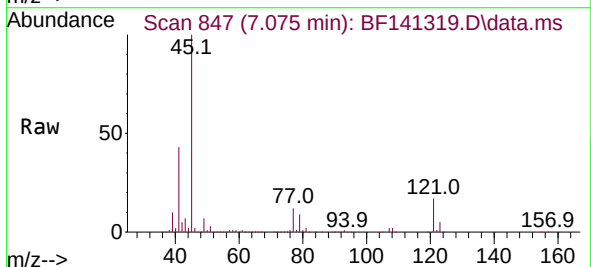
Tgt Ion: 79 Resp: 32464
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.7 49.9 74.9

Manual Integrations
APPROVED

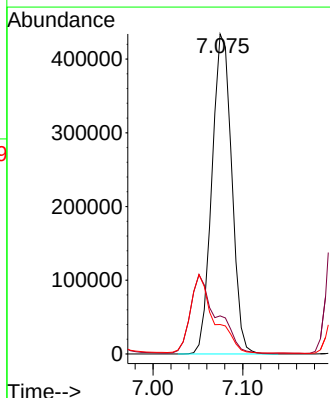
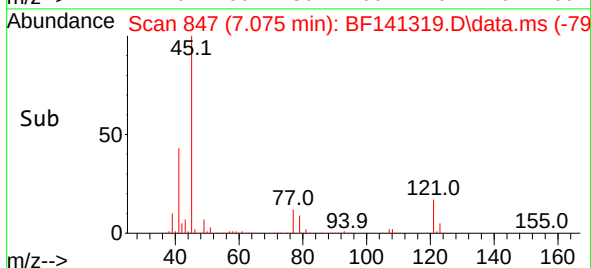
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

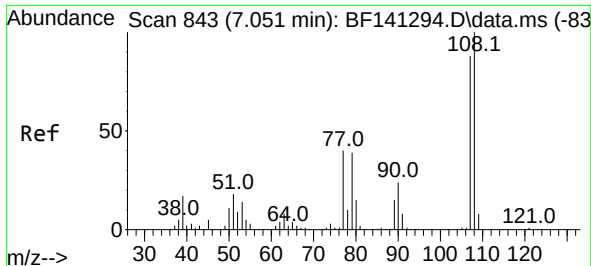


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.868 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion: 45 Resp: 664022
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 9.2 0.0 29.1





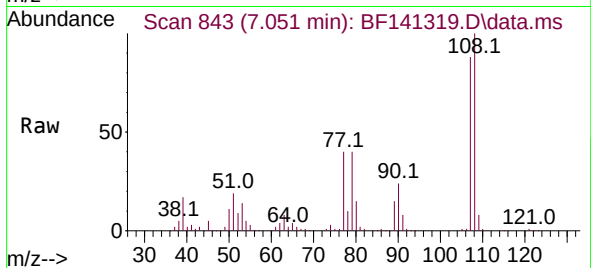
#17
2-Methylphenol
Concen: 35.959 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

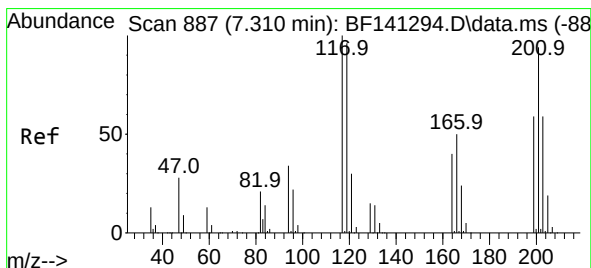
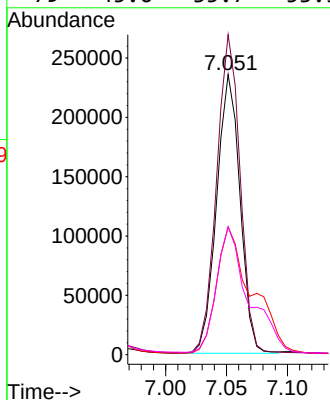
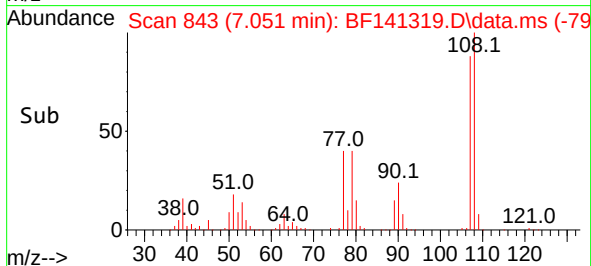


Tgt Ion:107 Resp: 31377
Ion Ratio Lower Upper
107 100
108 114.2 90.8 136.2
77 45.6 36.2 54.4
79 45.6 35.7 53.5

Manual Integrations

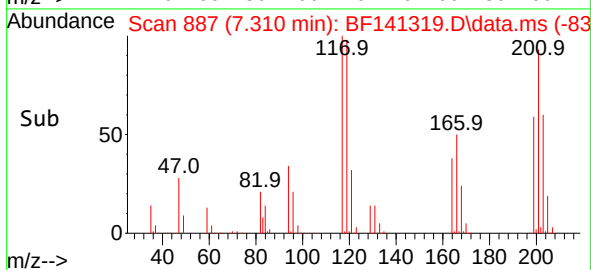
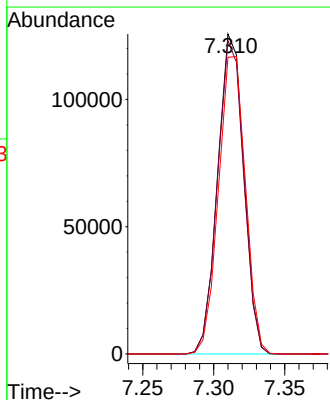
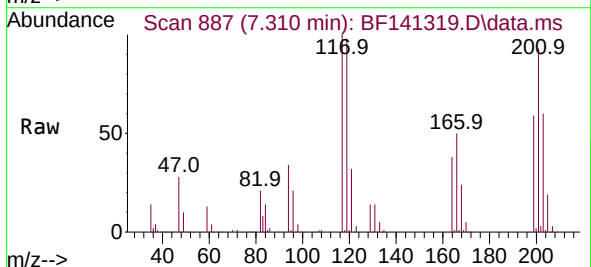
APPROVED

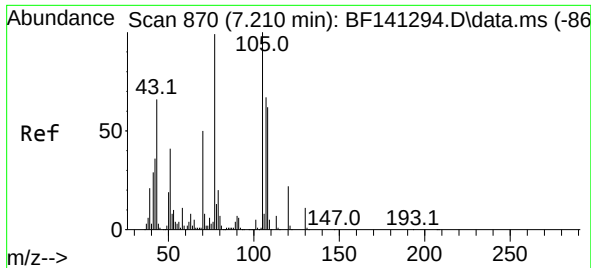
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 36.695 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

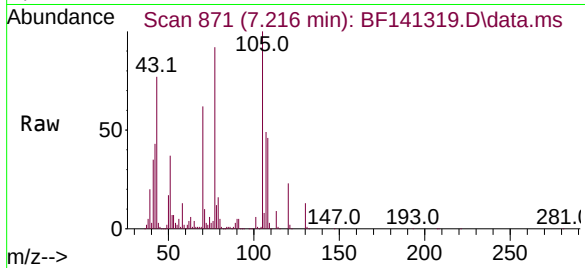
Tgt Ion:117 Resp: 160992
Ion Ratio Lower Upper
117 100
119 97.9 76.6 114.8
201 92.7 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.594 ng
RT: 7.216 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

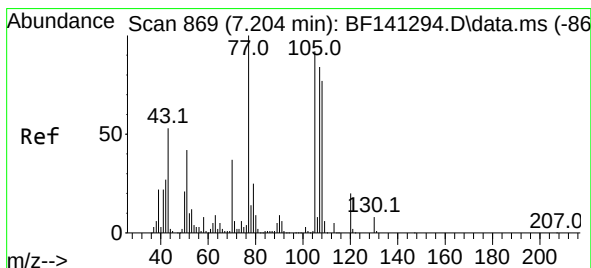
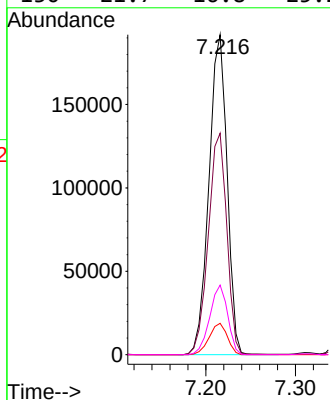
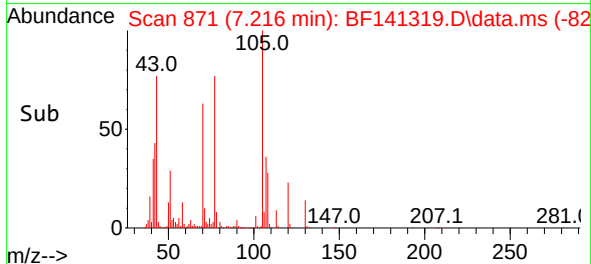
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



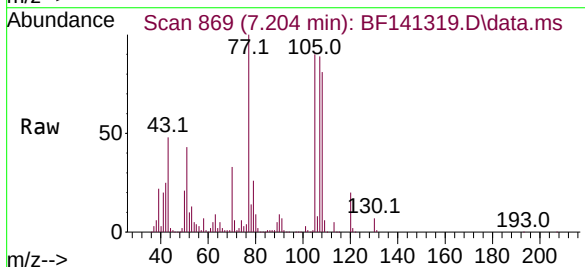
Tgt Ion: 70 Resp: 269514
Ion Ratio Lower Upper
70 100
42 69.2 56.8 85.2
101 9.8 7.7 11.5
130 21.7 16.8 25.2

Manual Integrations
APPROVED

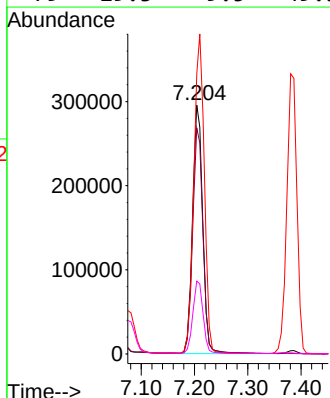
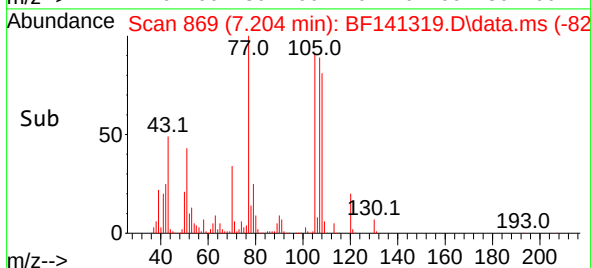
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

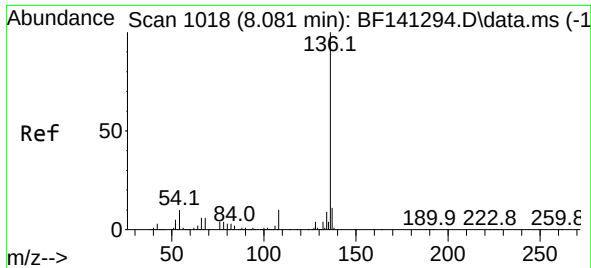


#20
3+4-Methylphenols
Concen: 36.543 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:107 Resp: 391525
Ion Ratio Lower Upper
107 100
108 90.7 70.9 110.9
77 112.3 98.5 138.5
79 29.3 9.5 49.5





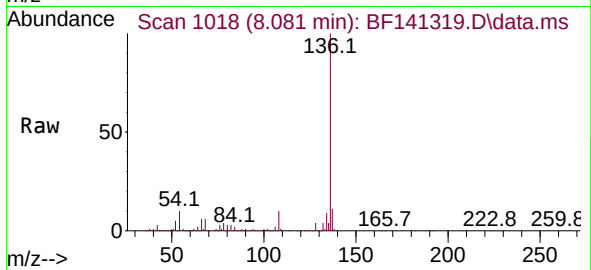
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

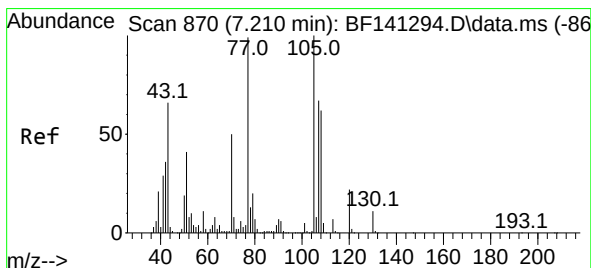
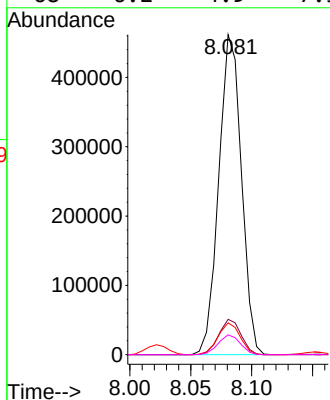
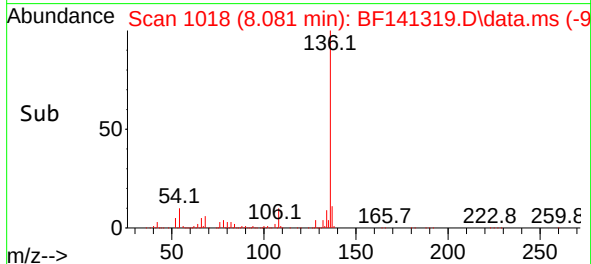


Tgt Ion:	136	Resp:	597989
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.2	4.9	7.3

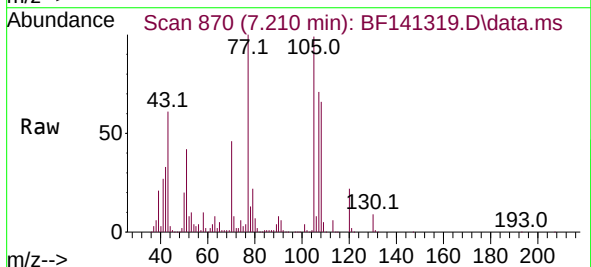
Manual Integrations

APPROVED

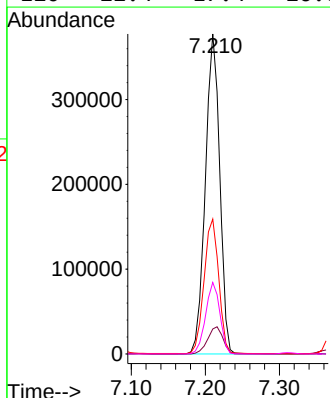
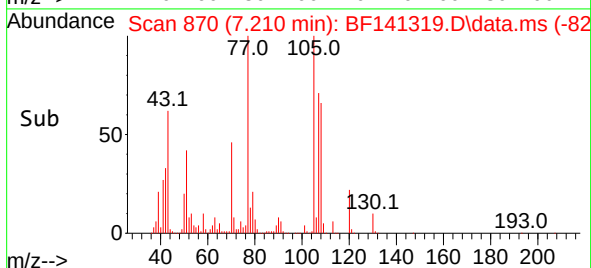
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

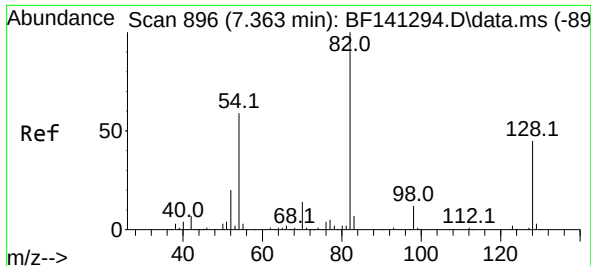


#22
Acetophenone
Concen: 35.716 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:	105	Resp:	507679
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.8	10.2
51	42.2	32.6	49.0
120	22.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 73.905 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

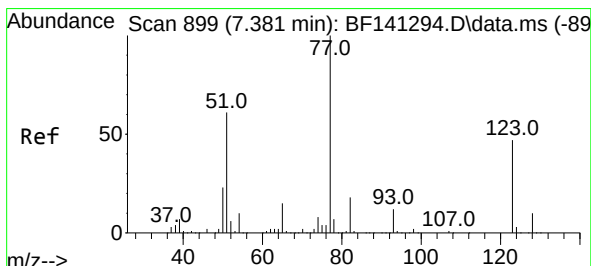
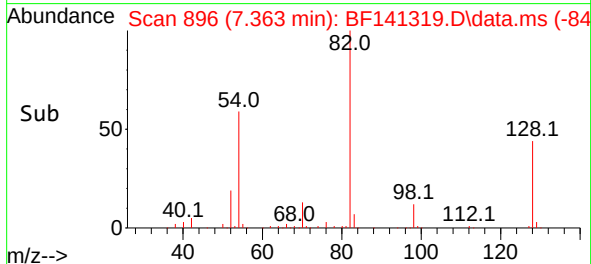
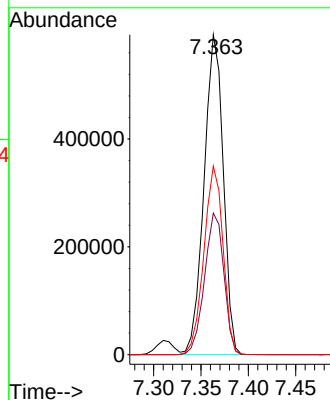
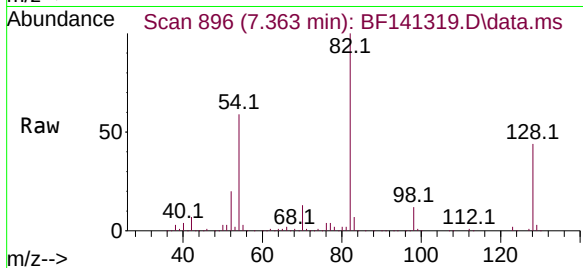
Tgt Ion: 82 Resp: 83834

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	59.0	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 37.084 ng

RT: 7.381 min Scan# 899

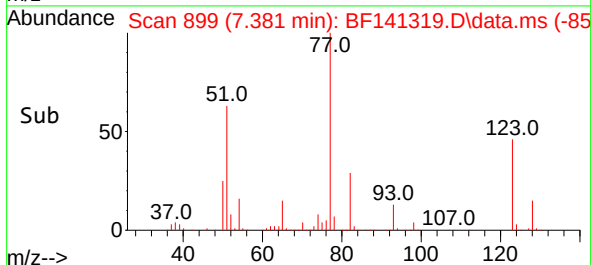
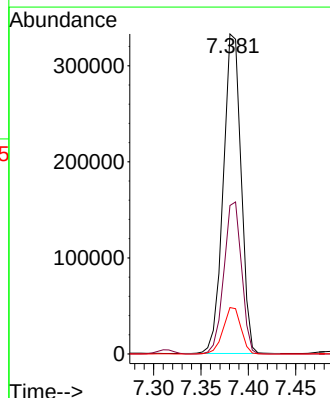
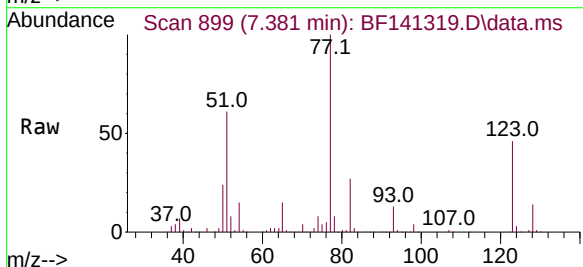
Delta R.T. -0.012 min

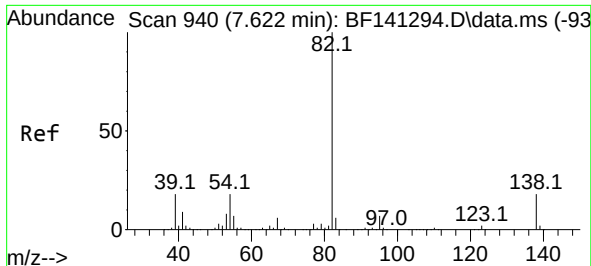
Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Tgt Ion: 77 Resp: 435929

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	14.5	11.8	17.6





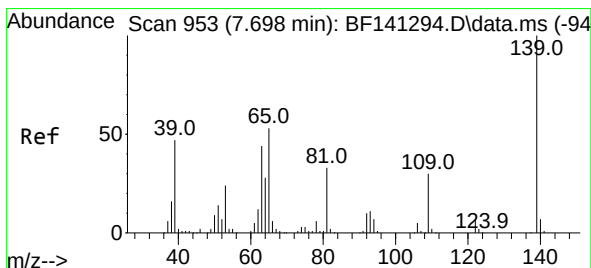
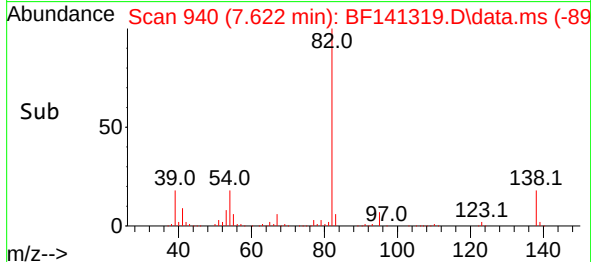
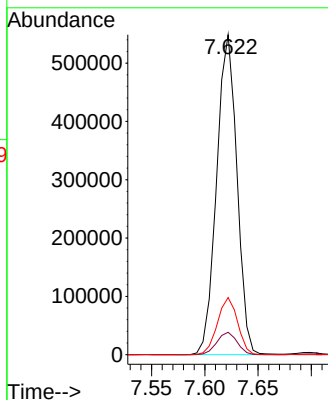
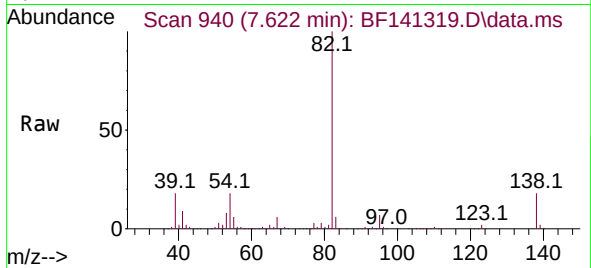
#25
Isophorone
Concen: 37.088 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 727240
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.9 14.7 22.1

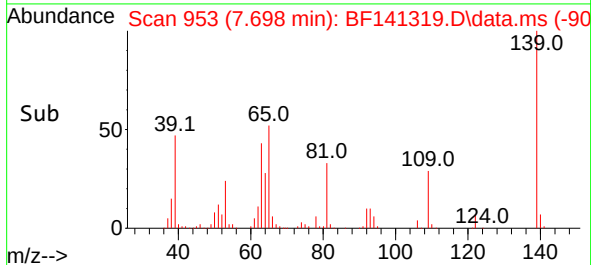
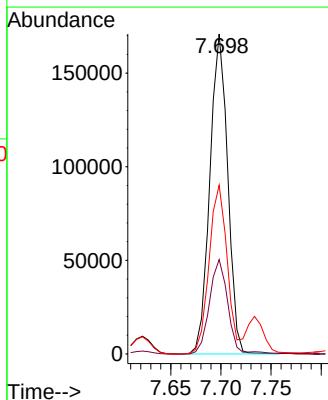
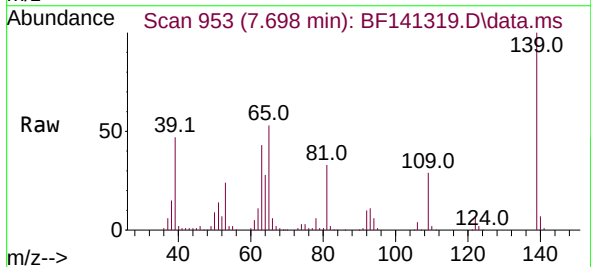
Manual Integrations
APPROVED

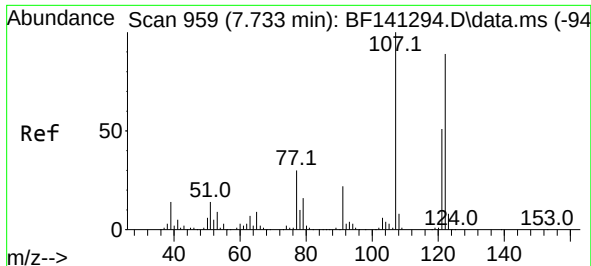
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 38.206 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 211813
Ion Ratio Lower Upper
139 100
109 29.5 23.8 35.6
65 52.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 37.421 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141319.D

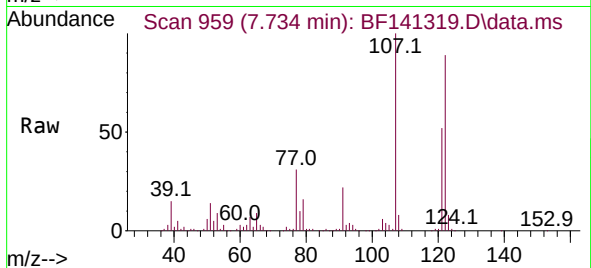
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



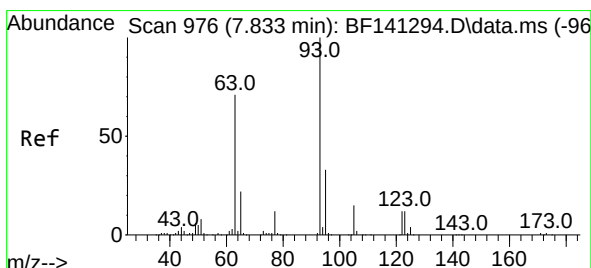
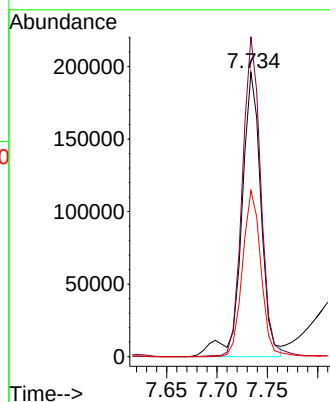
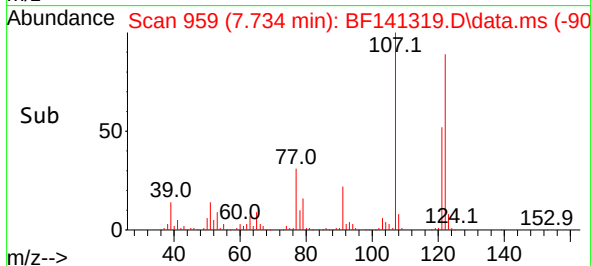
Tgt Ion:122 Resp: 26406

Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.9	134.9
121	58.4	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

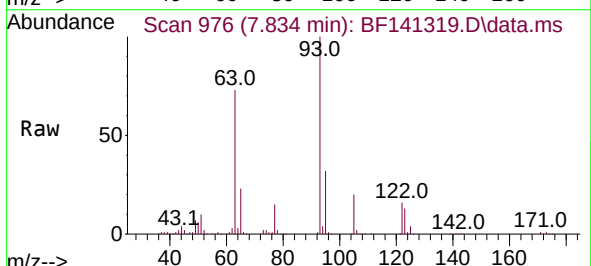
Concen: 36.868 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

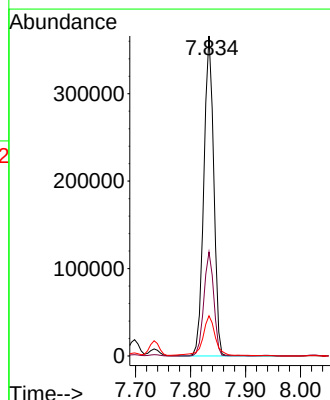
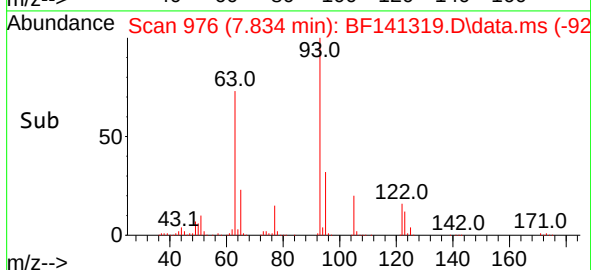
Lab File: BF141319.D

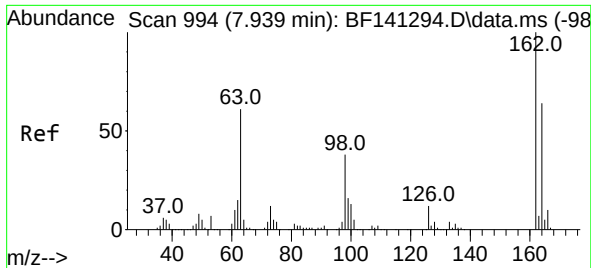
Acq: 31 Jan 2025 09:22



Tgt Ion: 93 Resp: 461125

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.6	10.2	15.4





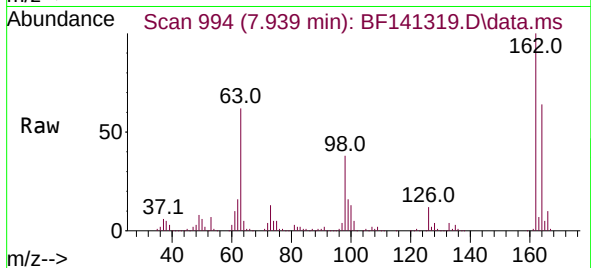
#29
2,4-Dichlorophenol
Concen: 36.886 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

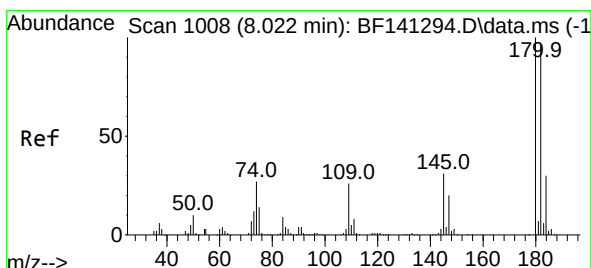
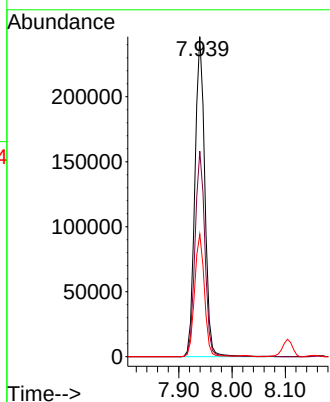
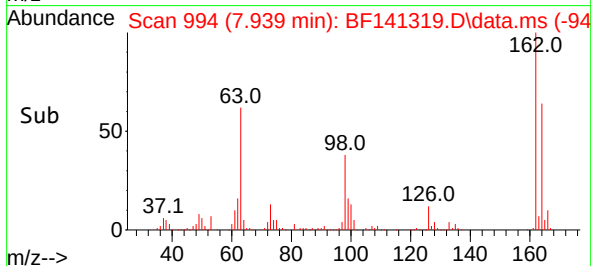


Tgt Ion:162 Resp: 318650
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 38.3 18.2 58.2

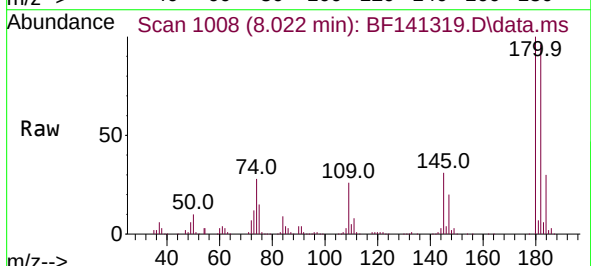
Manual Integrations

APPROVED

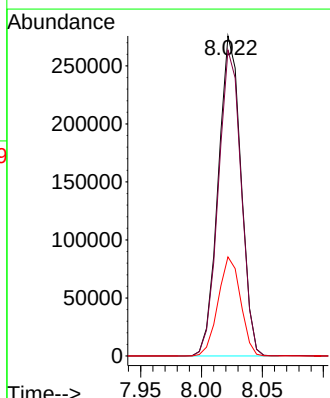
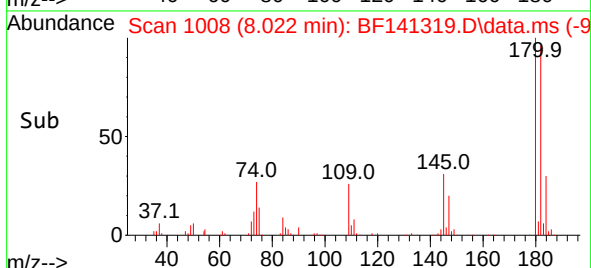
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

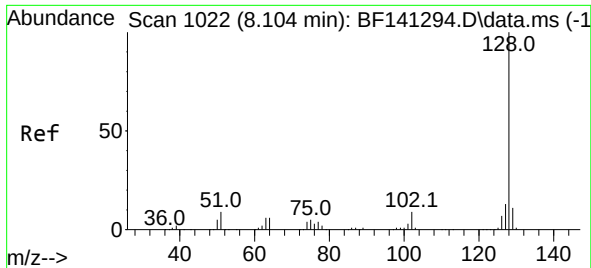


#30
1,2,4-Trichlorobenzene
Concen: 36.298 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



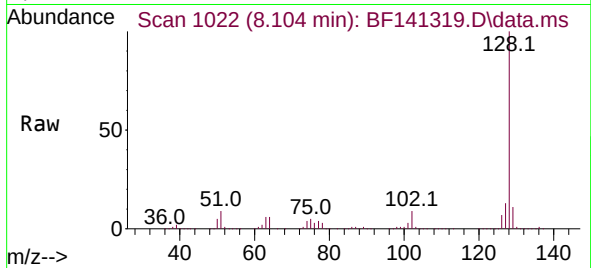
Tgt Ion:180 Resp: 358109
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 30.9 24.9 37.3





#31
Naphthalene
Concen: 36.385 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

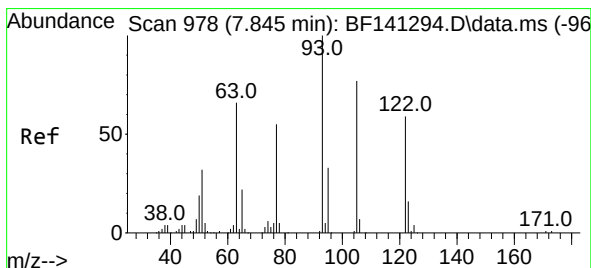
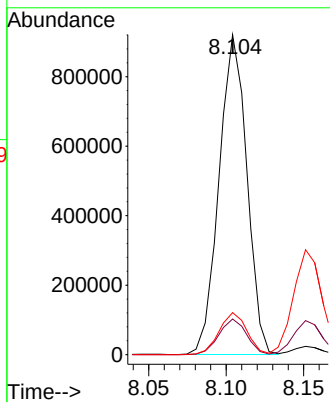
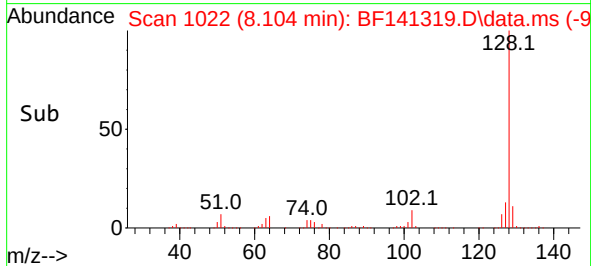
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1149392
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 15.8

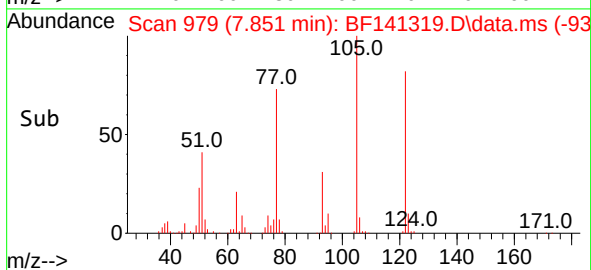
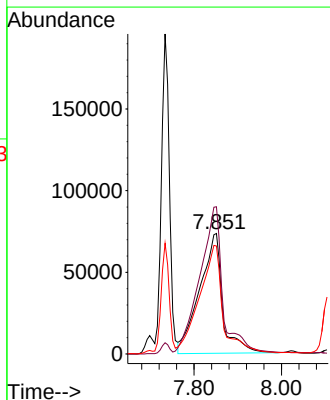
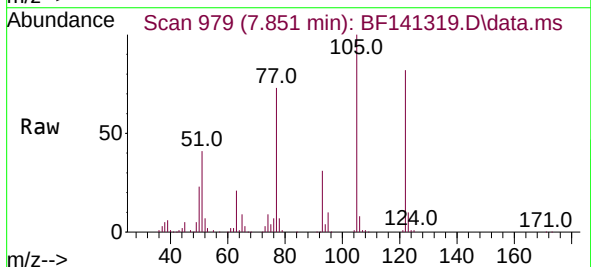
Manual Integrations
APPROVED

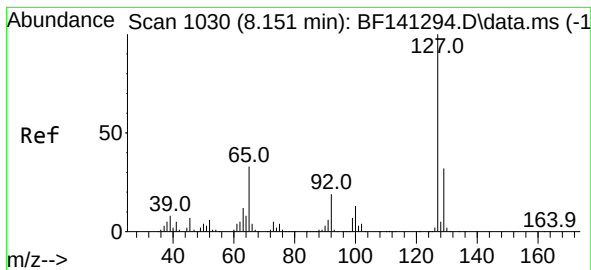
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 41.447 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:122 Resp: 268867
Ion Ratio Lower Upper
122 100
105 122.1 103.4 143.4
77 89.6 70.9 110.9





#33
4-Chloroaniline
Concen: 36.648 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

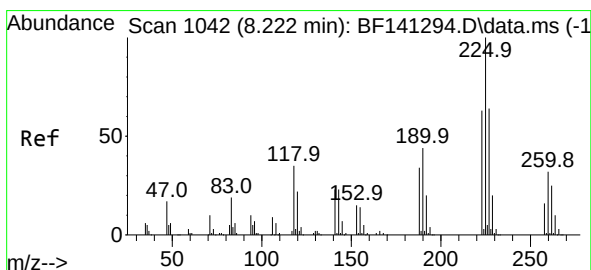
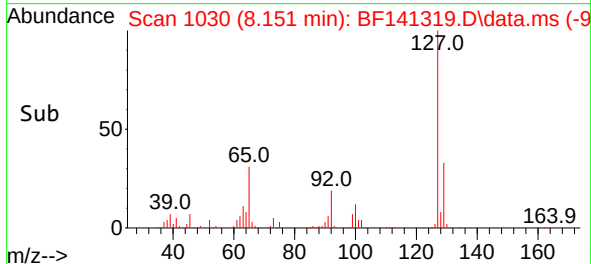
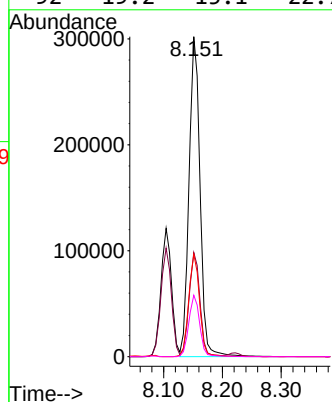
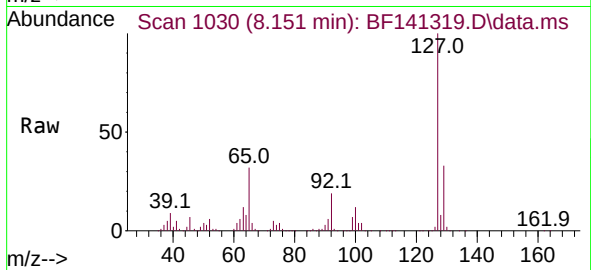
SSTDCCC040

Tgt Ion:127 Resp: 39258
Ion Ratio Lower Upper
127 100
129 32.5 25.7 38.5
65 32.0 26.4 39.6
92 19.2 15.1 22.7

Manual Integrations

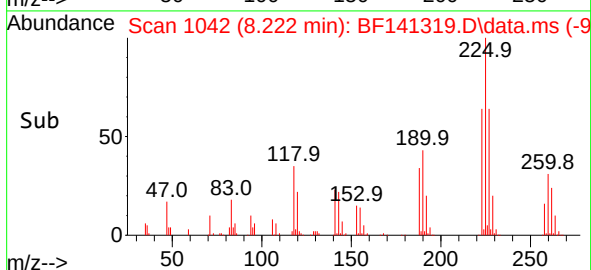
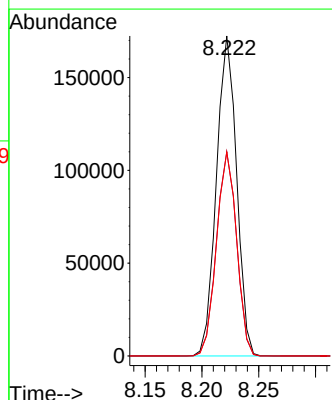
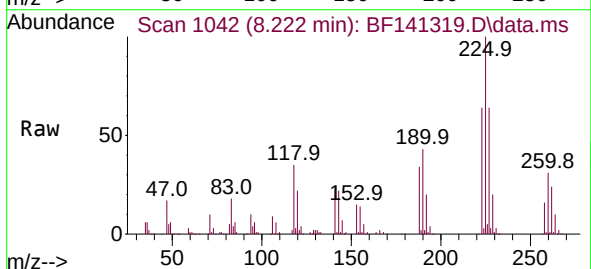
APPROVED

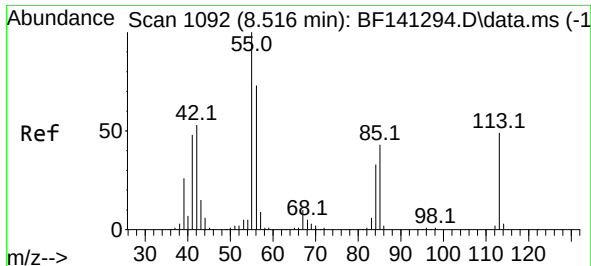
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 36.815 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:225 Resp: 212997
Ion Ratio Lower Upper
225 100
223 63.8 50.4 75.6
227 63.7 51.3 76.9





#35
Caprolactam
Concen: 37.866 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

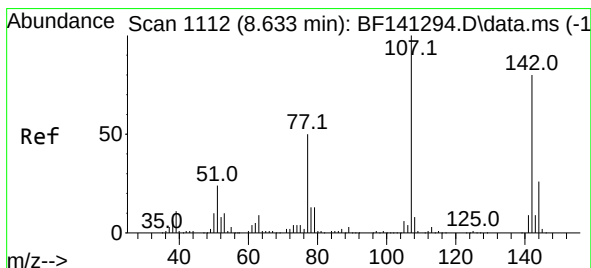
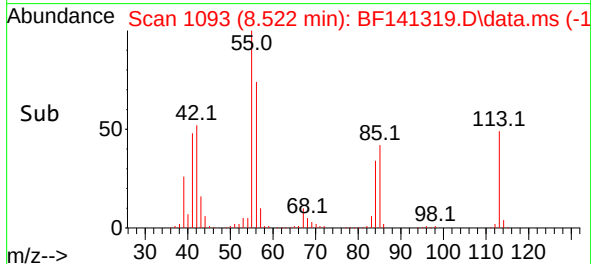
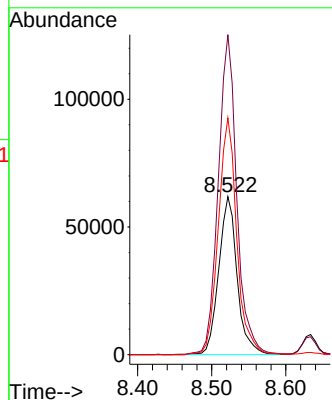
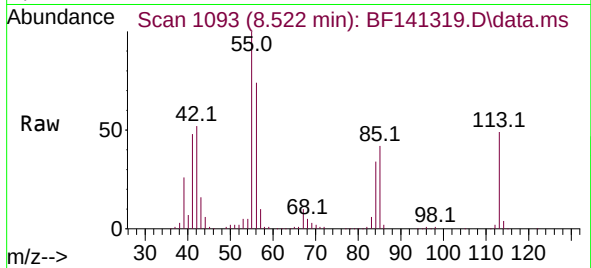
SSTDCCC040

Tgt Ion:113 Resp: 10683
Ion Ratio Lower Upper
113 100
55 202.3 182.9 222.9
56 149.8 127.9 167.9

Manual Integrations

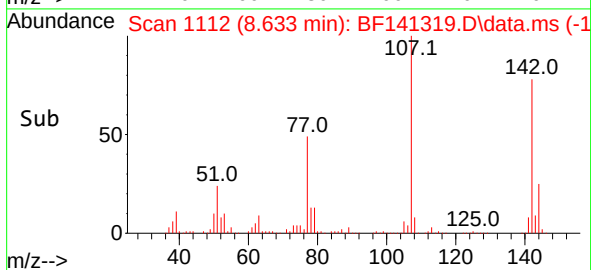
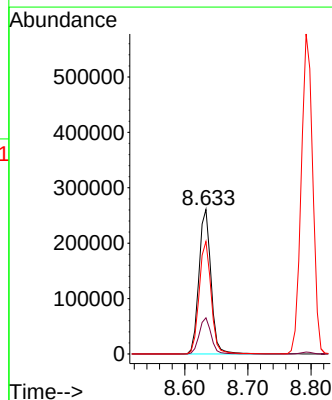
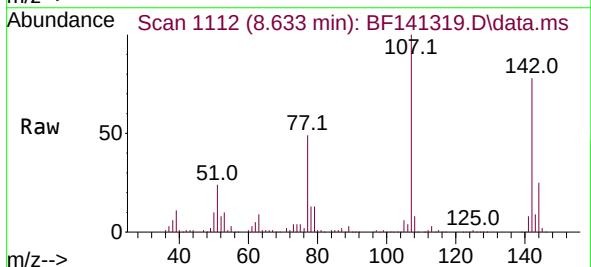
APPROVED

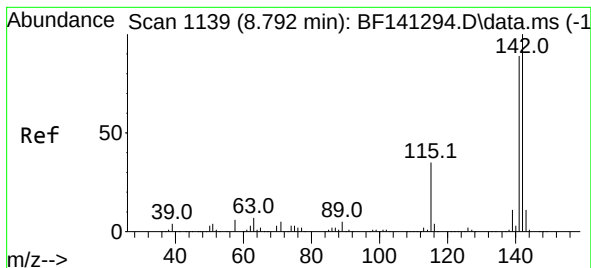
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 37.217 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 344864
Ion Ratio Lower Upper
107 100
144 25.0 20.7 31.1
142 77.9 63.8 95.8





#37
2-Methylnaphthalene
Concen: 36.258 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

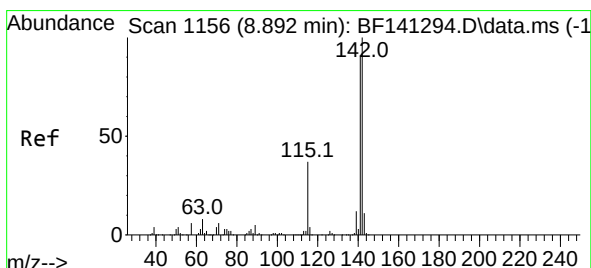
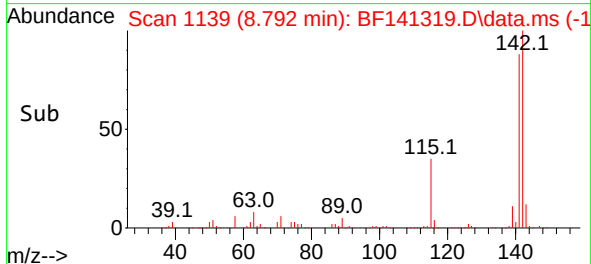
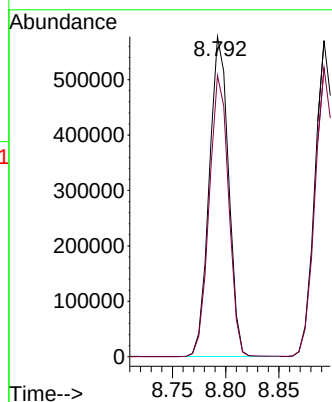
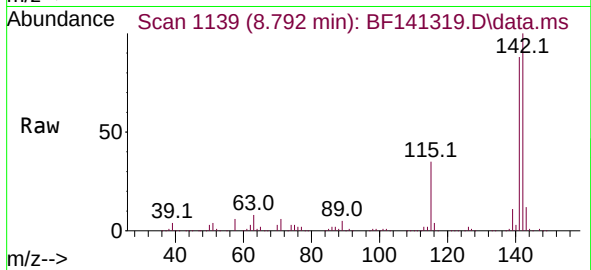
SSTDCCC040

Tgt Ion:142 Resp: 728000
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9

Manual Integrations

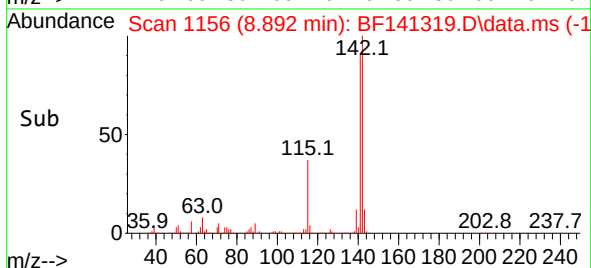
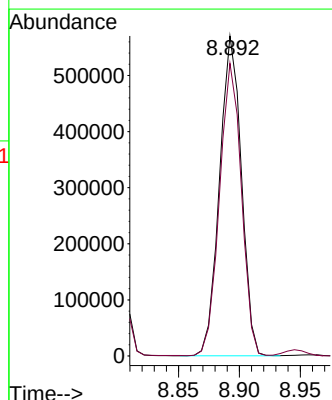
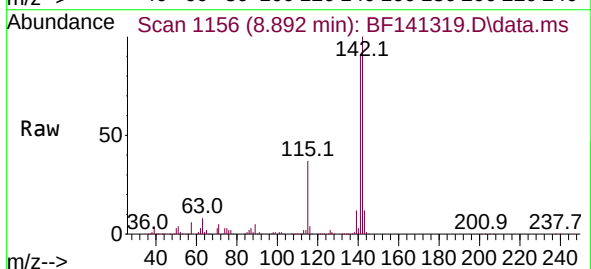
APPROVED

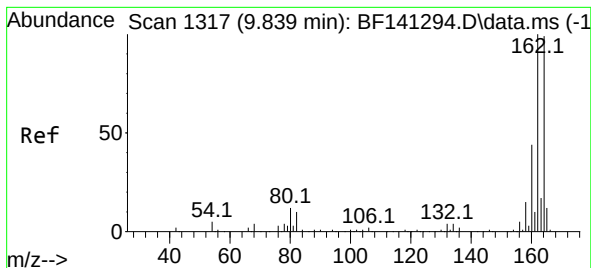
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 36.036 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:142 Resp: 710737
Ion Ratio Lower Upper
142 100
141 91.4 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: BF141319.D

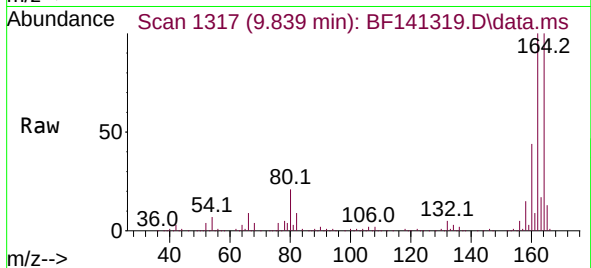
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 319509

Ion Ratio Lower Upper

164 100

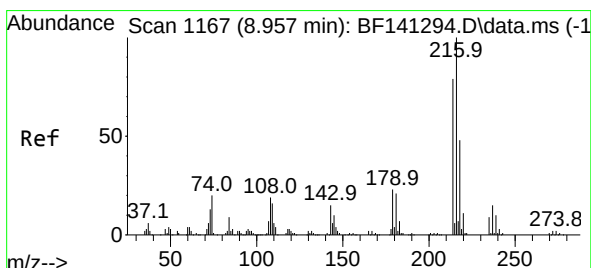
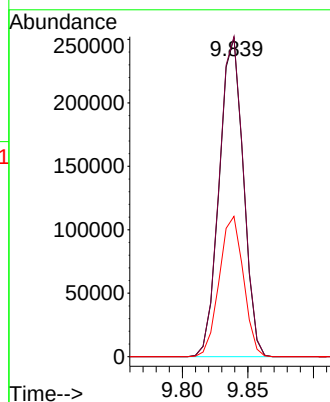
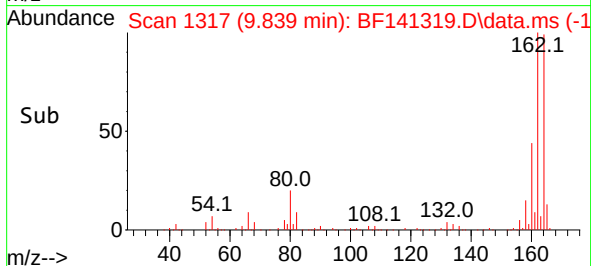
162 100.4 80.6 121.0

160 44.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.498 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Tgt Ion:216 Resp: 331758

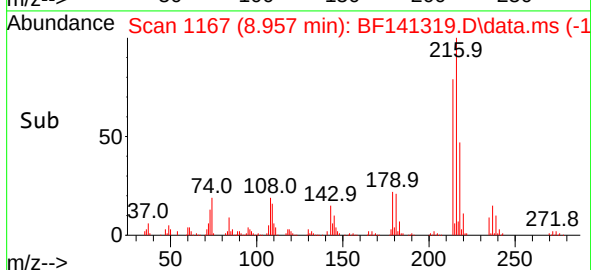
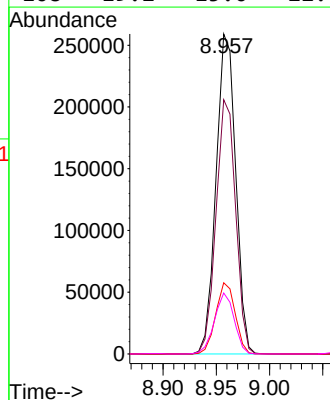
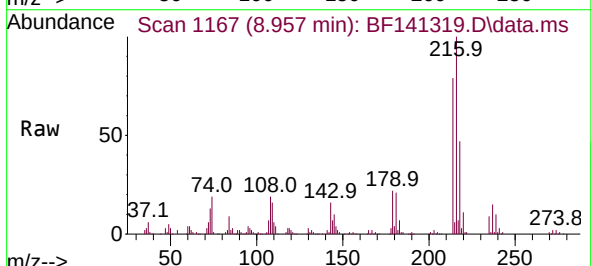
Ion Ratio Lower Upper

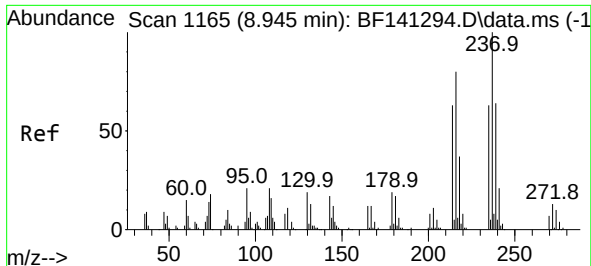
216 100

214 79.2 63.2 94.8

179 22.0 17.8 26.8

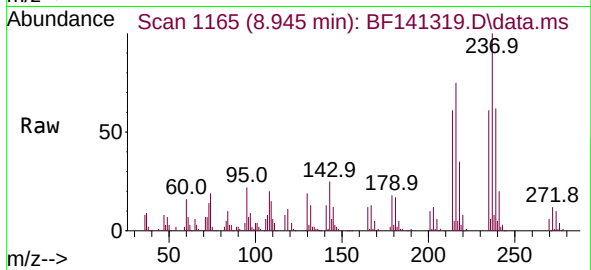
108 19.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 39.520 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

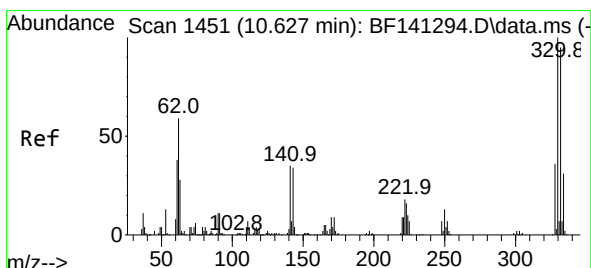
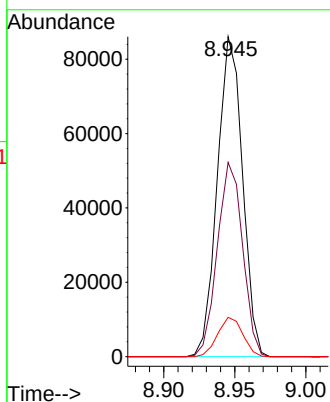
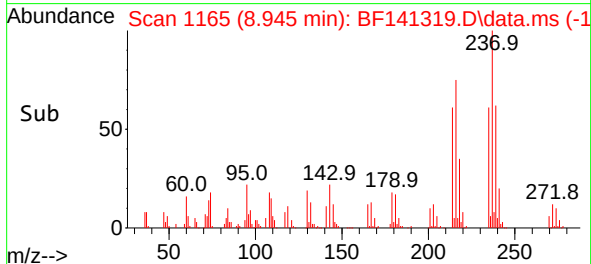
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



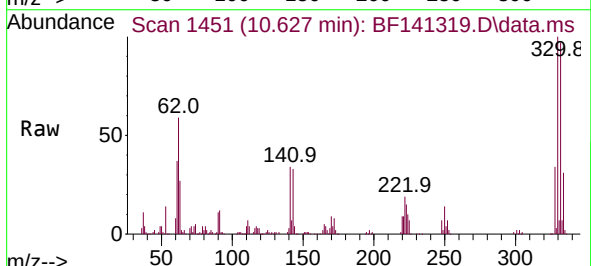
Tgt Ion:237 Resp: 106090
Ion Ratio Lower Upper
237 100
235 60.7 42.9 82.9
272 12.3 0.0 32.8

Manual Integrations
APPROVED

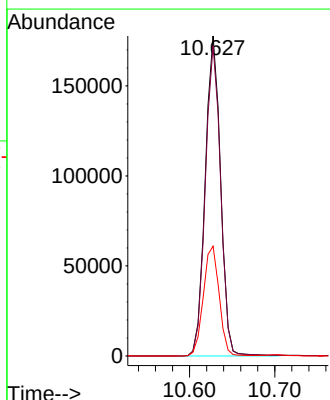
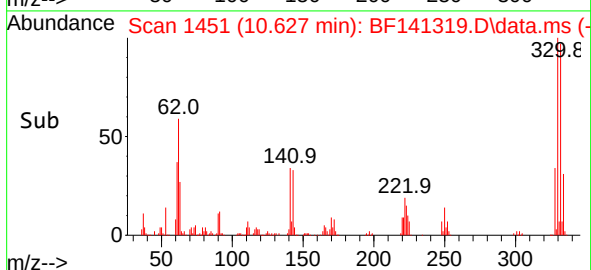
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

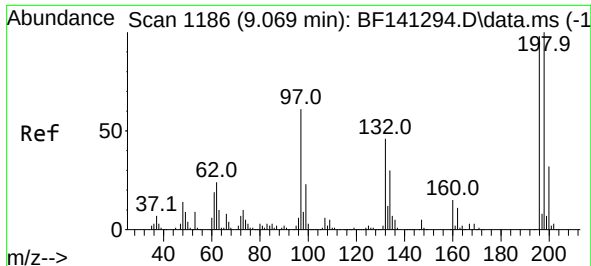


#42
2,4,6-Tribromophenol
Concen: 75.957 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



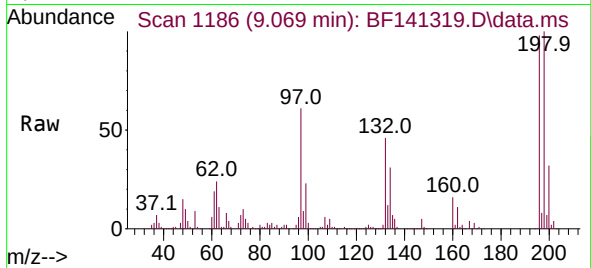
Tgt Ion:330 Resp: 222491
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 35.4 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 37.520 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

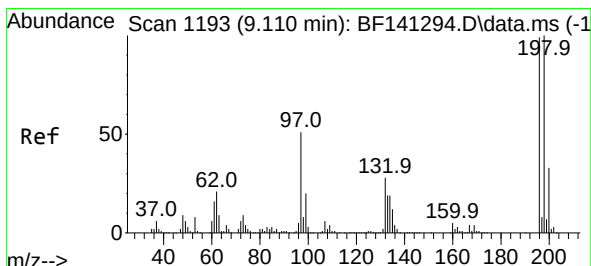
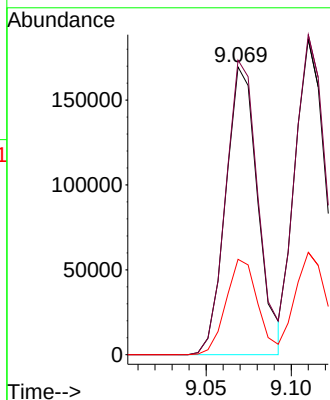
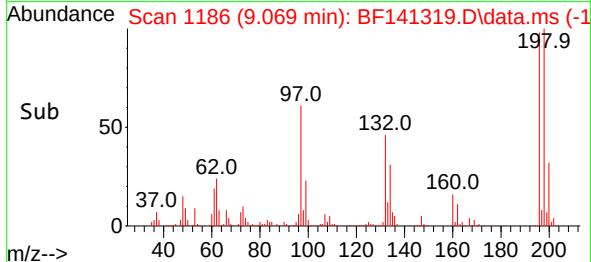
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



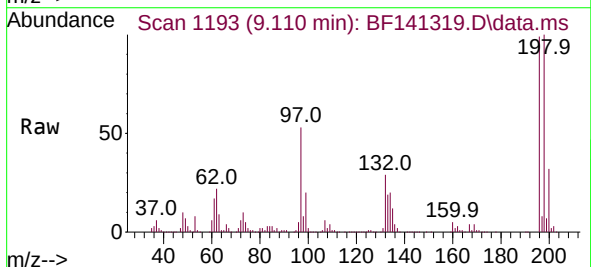
Tgt Ion:196 Resp: 223224
Ion Ratio Lower Upper
196 100
198 102.4 81.8 122.6
200 33.2 26.3 39.5

Manual Integrations
APPROVED

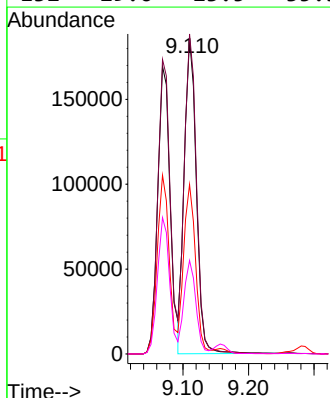
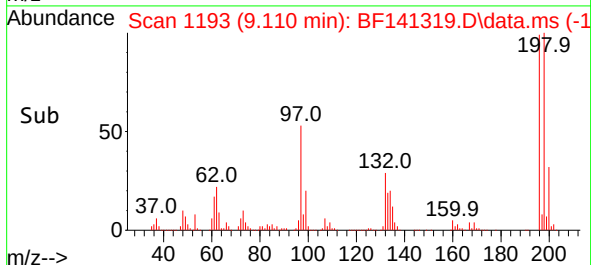
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

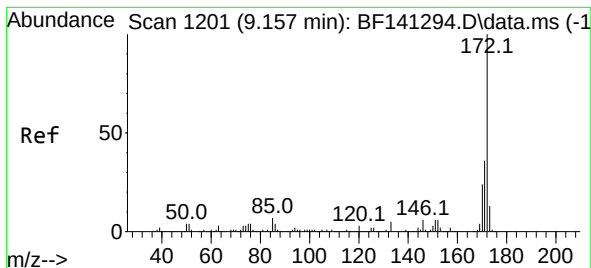


#44
2,4,5-Trichlorophenol
Concen: 36.666 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



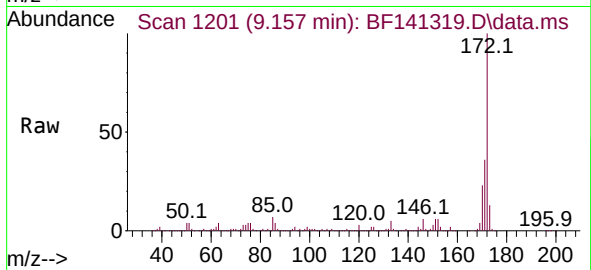
Tgt Ion:196 Resp: 237426
Ion Ratio Lower Upper
196 100
198 101.5 80.5 120.7
97 53.7 42.8 64.2
132 29.6 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 69.744 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

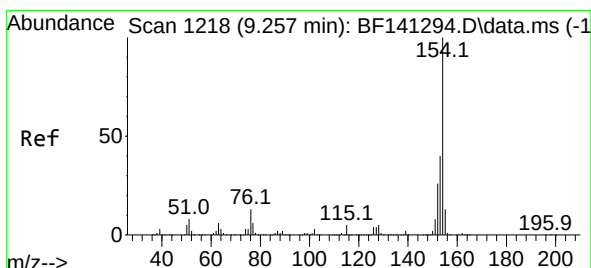
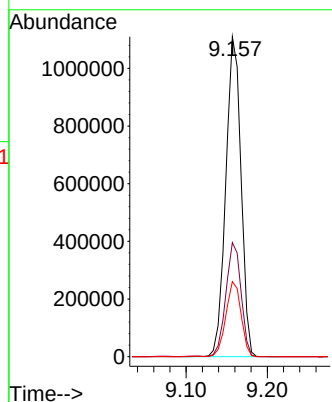
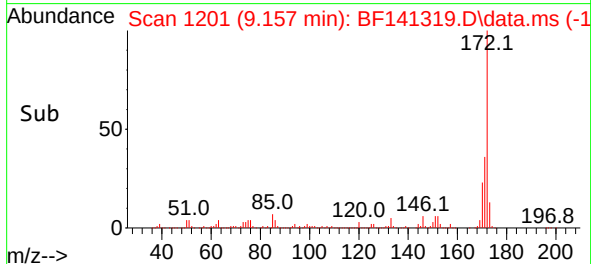
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



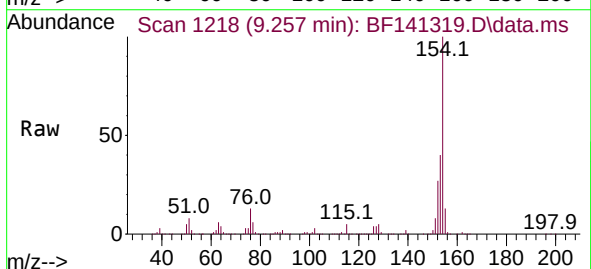
Tgt Ion:172 Resp: 144776
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6

Manual Integrations
APPROVED

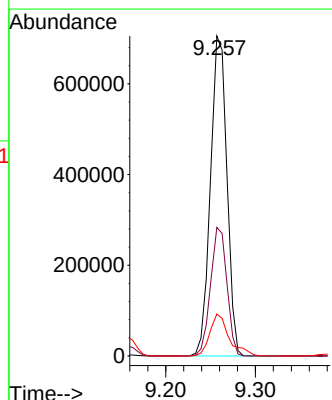
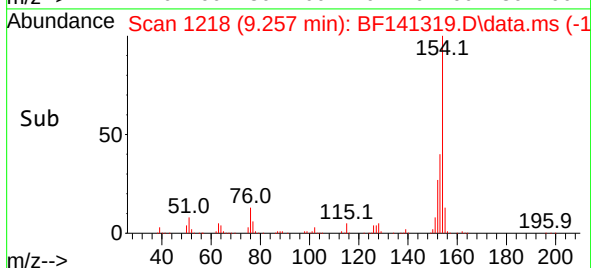
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

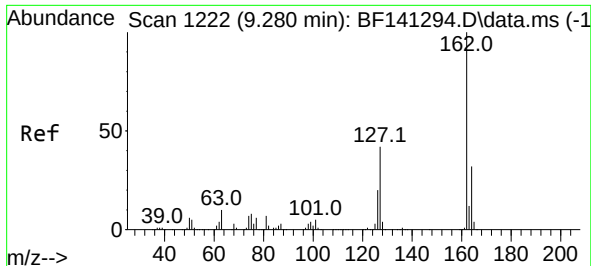


#46
1,1'-Biphenyl
Concen: 36.015 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:154 Resp: 897425
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 13.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 35.869 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

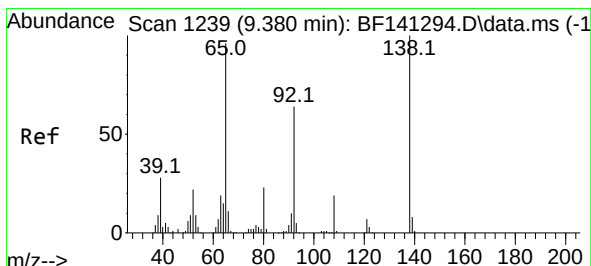
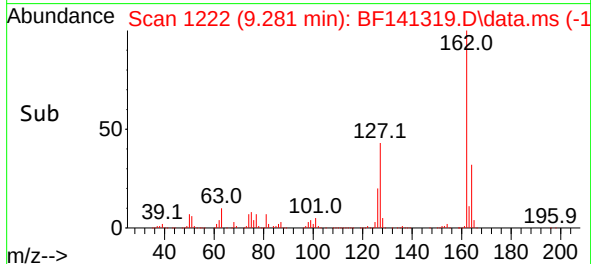
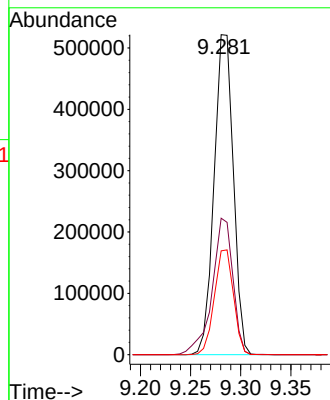
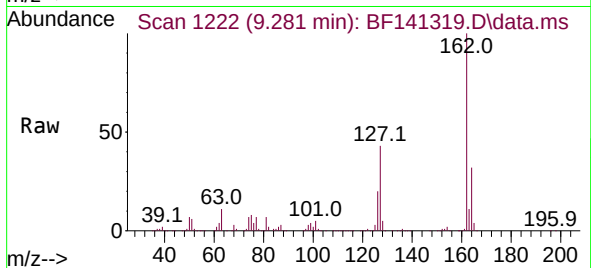
SSTDCCC040

Tgt Ion:162 Resp: 696645
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.7 50.5
 164 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 38.256 ng

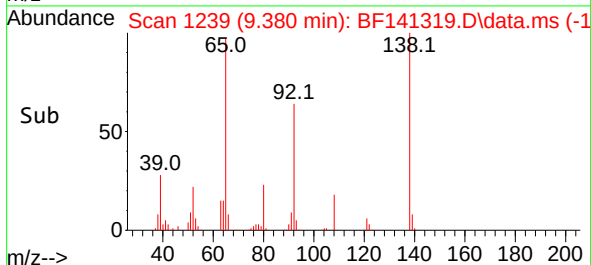
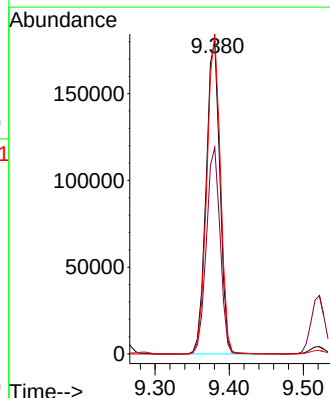
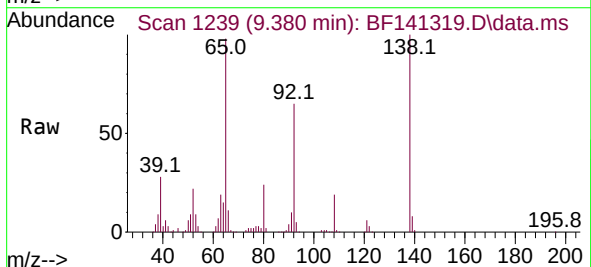
RT: 9.380 min Scan# 1239

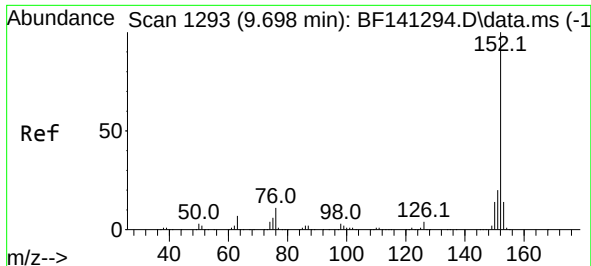
Delta R.T. -0.000 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Tgt Ion: 65 Resp: 233710
 Ion Ratio Lower Upper
 65 100
 92 66.1 53.3 79.9
 138 102.4 83.6 125.4





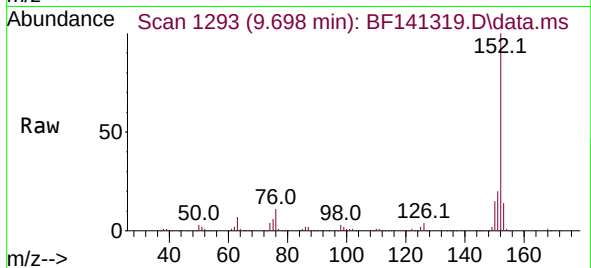
#49
Acenaphthylene
Concen: 36.048 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

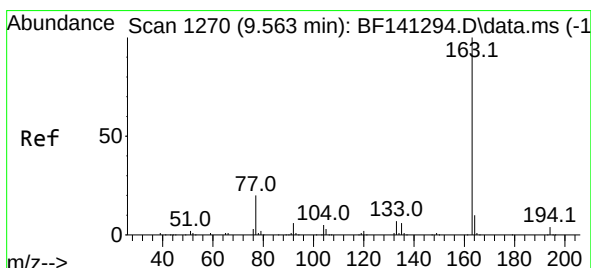
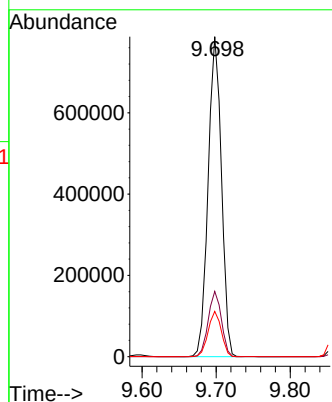
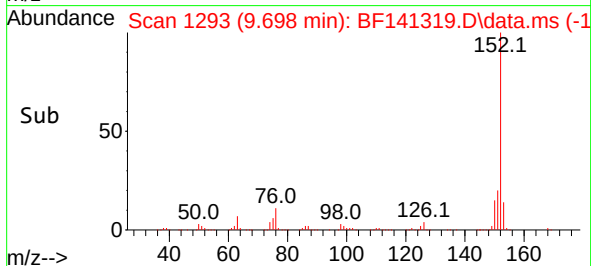


Tgt Ion:152 Resp: 980054
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.1 11.0 16.6

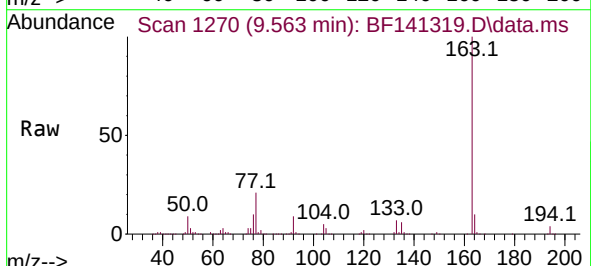
Manual Integrations

APPROVED

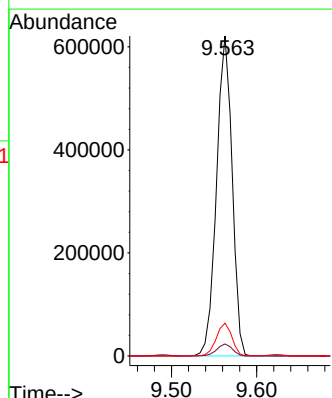
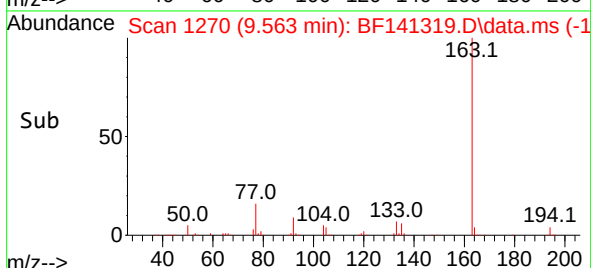
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

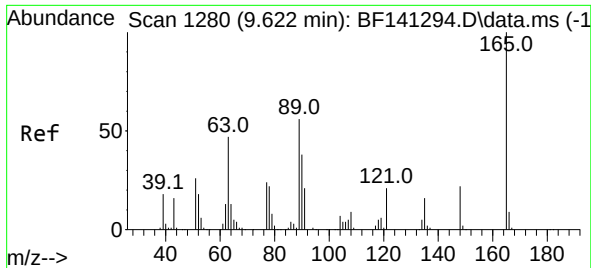


#50
Dimethylphthalate
Concen: 36.602 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:163 Resp: 789847
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0





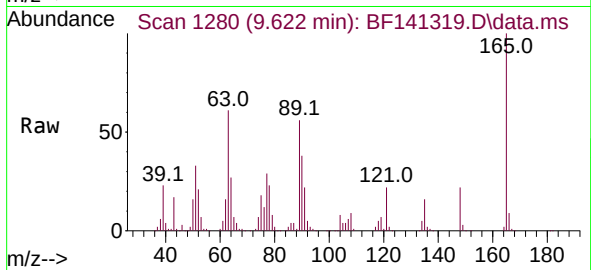
#51
2,6-Dinitrotoluene
Concen: 37.549 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

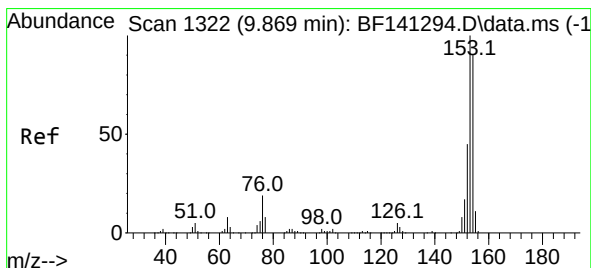
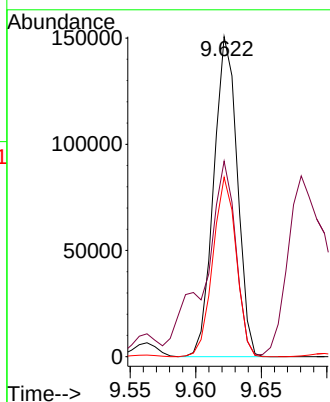
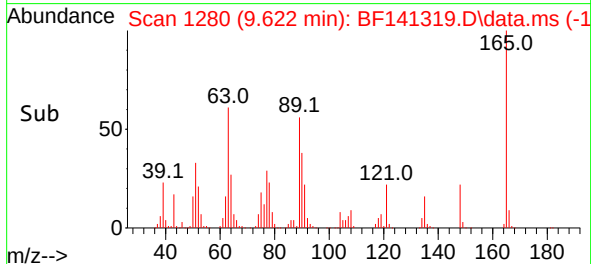


Tgt Ion:165 Resp: 188139
Ion Ratio Lower Upper
165 100
63 61.1 48.1 72.1
89 56.0 44.9 67.3

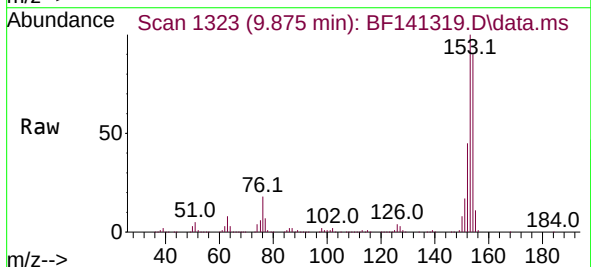
Manual Integrations

APPROVED

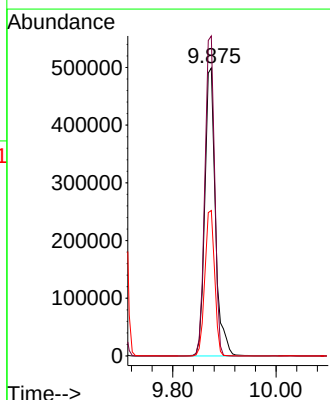
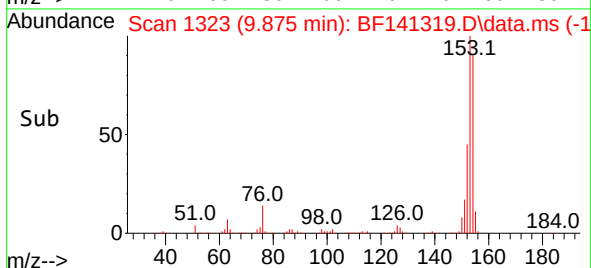
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

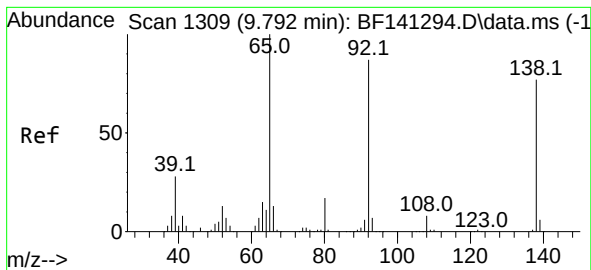


#52
Acenaphthene
Concen: 36.779 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:154 Resp: 714359
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 50.5 40.2 60.4





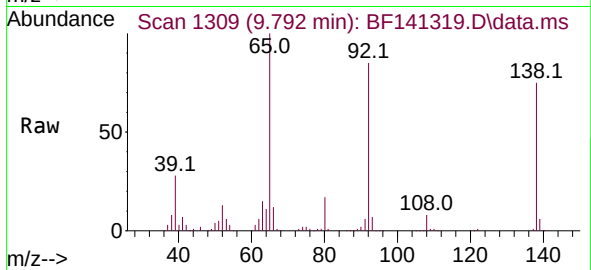
#53
3-Nitroaniline
Concen: 38.231 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

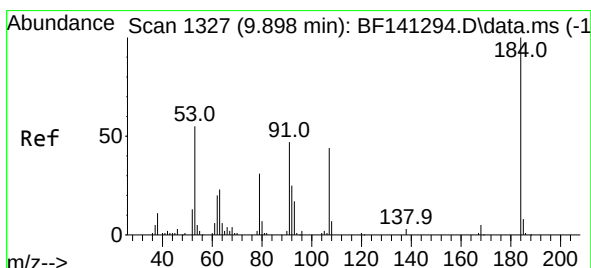
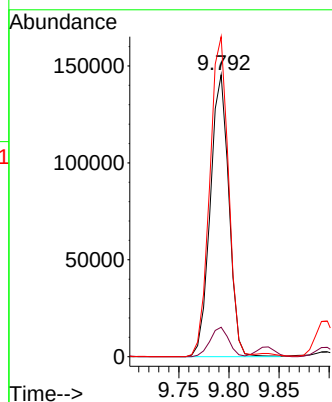
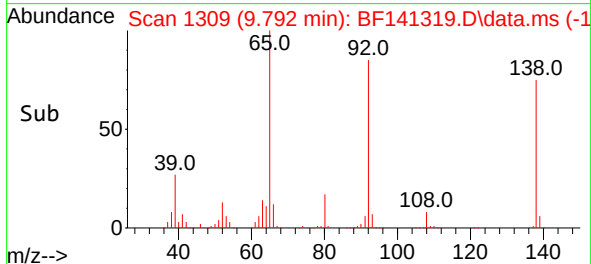


Tgt Ion:138 Resp: 18774
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 113.5 91.0 136.6

Manual Integrations

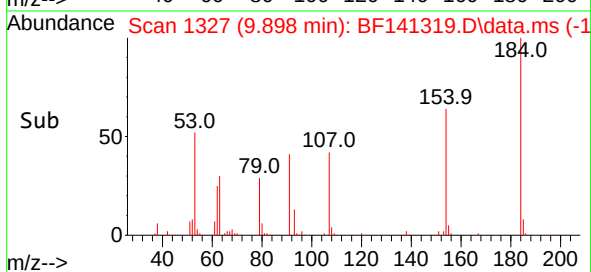
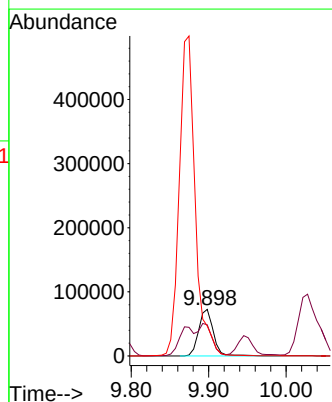
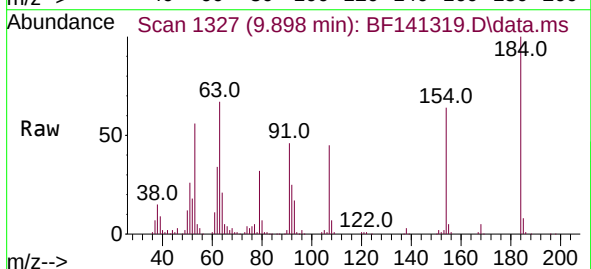
APPROVED

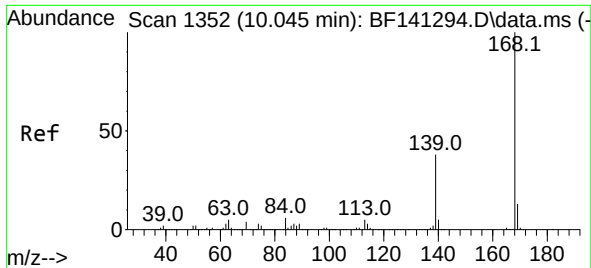
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 41.050 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:184 Resp: 95612
Ion Ratio Lower Upper
184 100
63 67.0 54.1 81.1
154 64.4 50.7 76.1





#55
Dibenzenofuran
Concen: 36.361 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

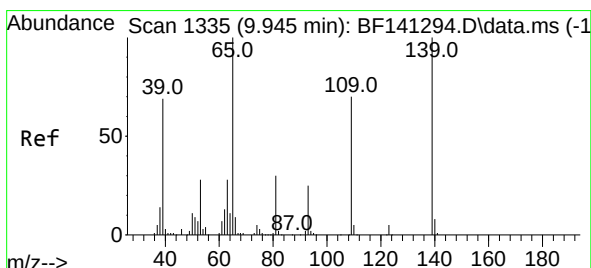
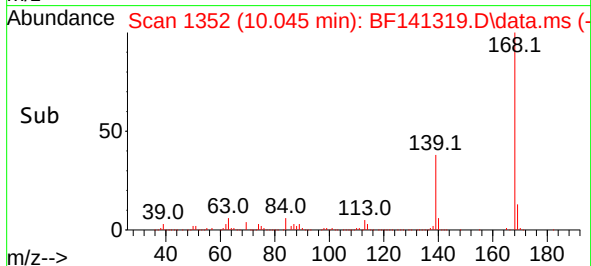
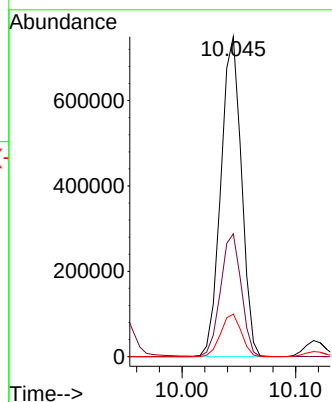
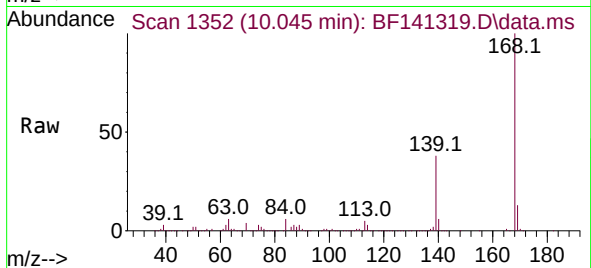
SSTDCCC040

Tgt Ion:168 Resp: 945339
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.3 10.8 16.2

Manual Integrations

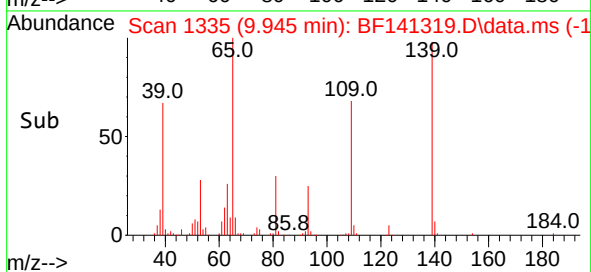
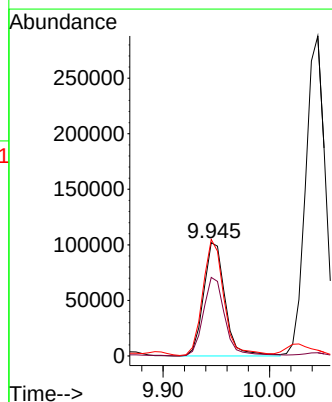
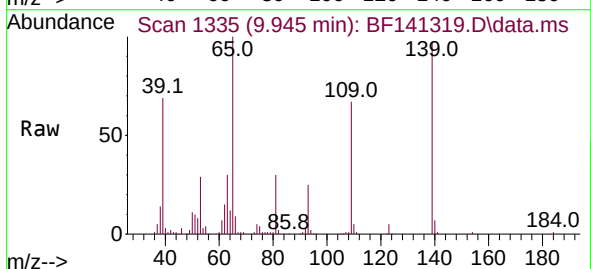
APPROVED

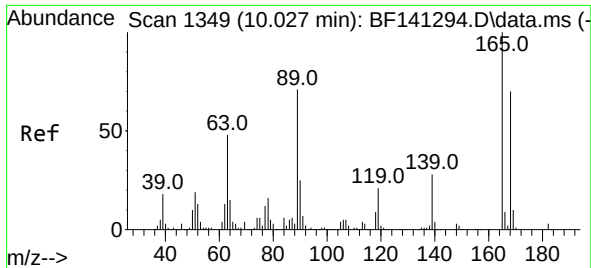
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 39.779 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 142865
Ion Ratio Lower Upper
139 100
109 69.3 50.2 90.2
65 102.8 80.6 120.6





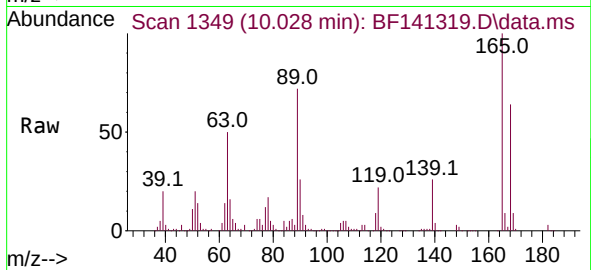
#57
2,4-Dinitrotoluene
Concen: 38.150 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

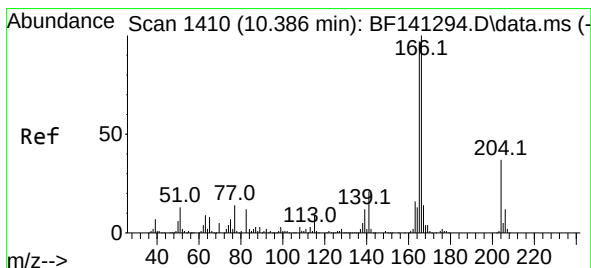
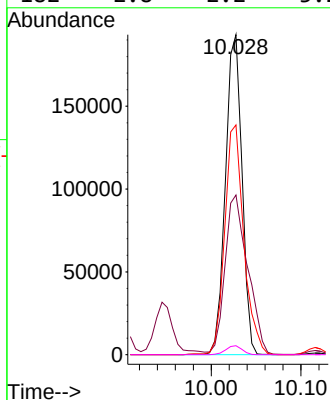
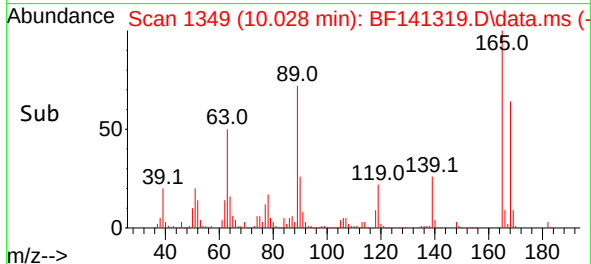


Tgt Ion:165 Resp: 247489
Ion Ratio Lower Upper
165 100
63 49.9 39.2 58.8
89 71.8 56.9 85.3
182 2.8 2.2 3.2

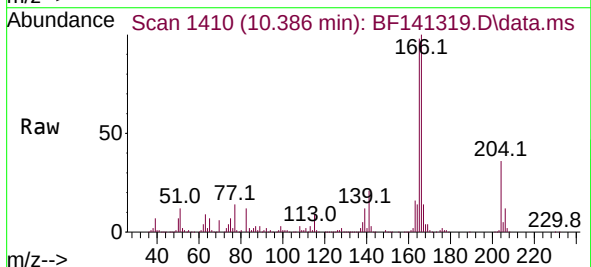
Manual Integrations

APPROVED

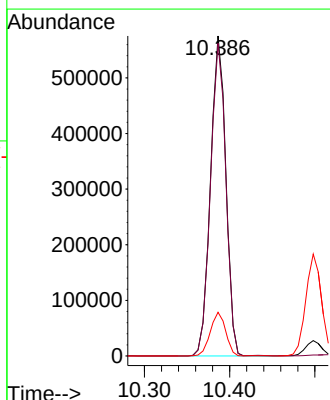
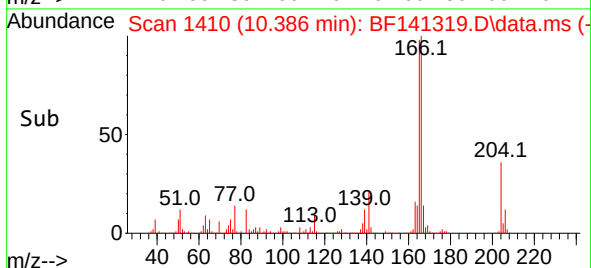
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

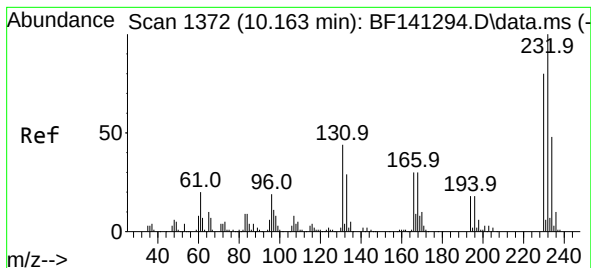


#58
Fluorene
Concen: 35.862 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



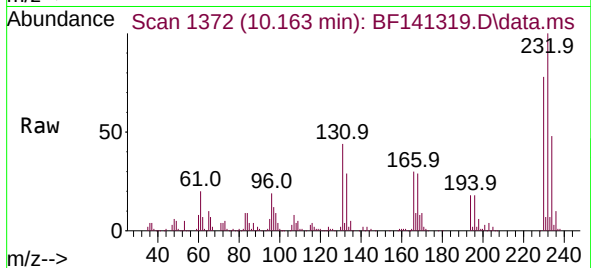
Tgt Ion:166 Resp: 723204
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

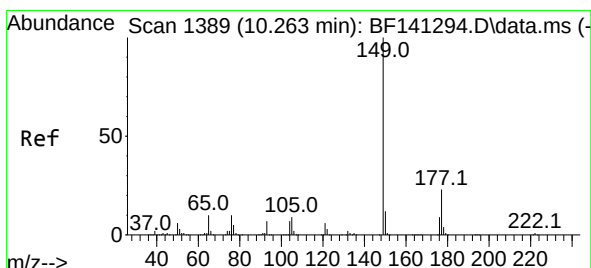
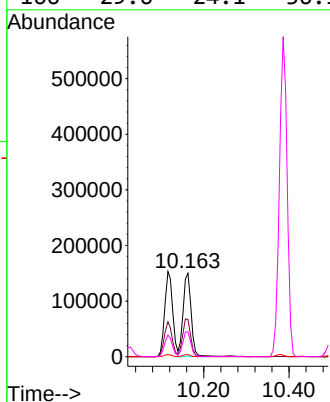
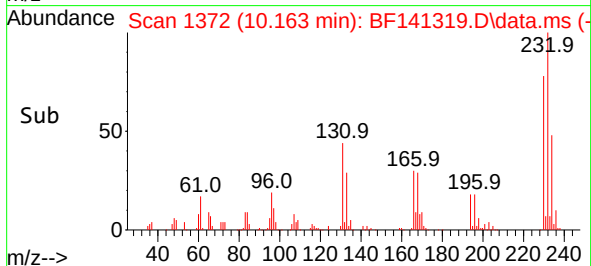
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 197431
Ion Ratio Lower Upper
232 100
131 45.3 36.4 54.6
130 2.3 1.9 2.9
166 29.6 24.1 36.1

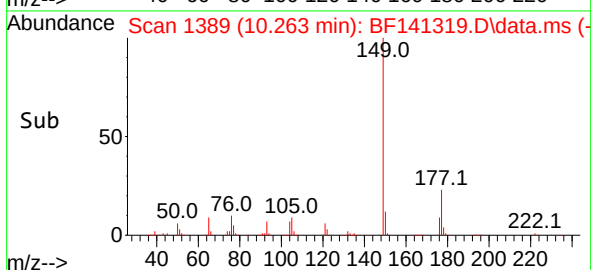
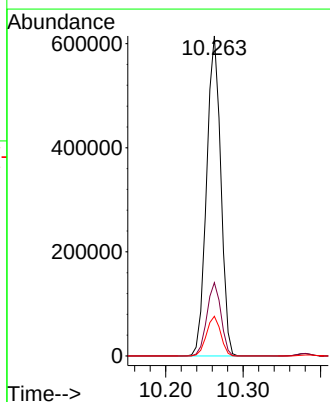
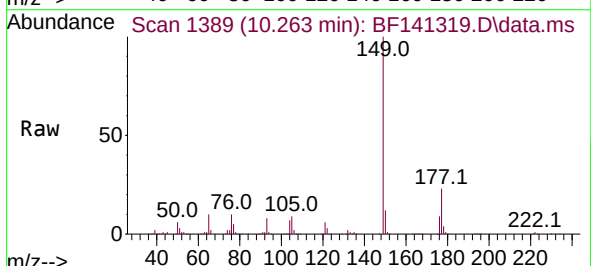
Manual Integrations
APPROVED

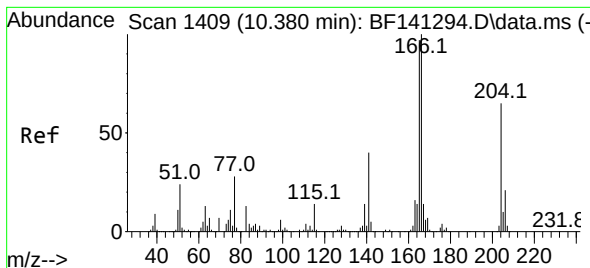
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 37.235 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 779087
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.4 10.0 15.0





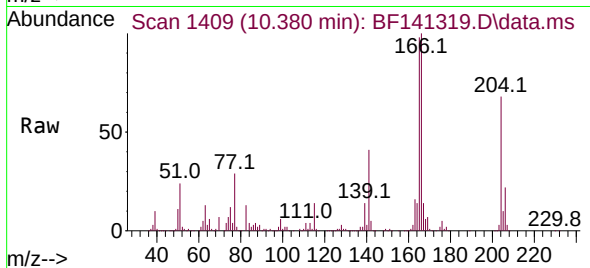
#61
4-Chlorophenyl-phenylether
Concen: 36.144 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

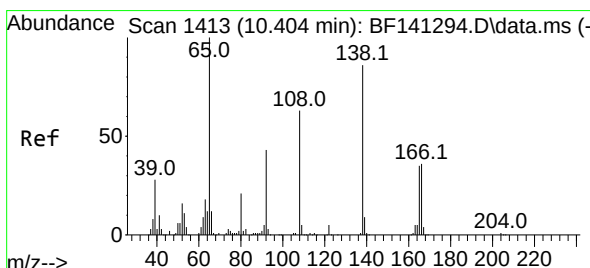
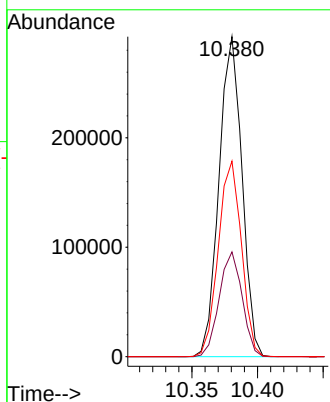
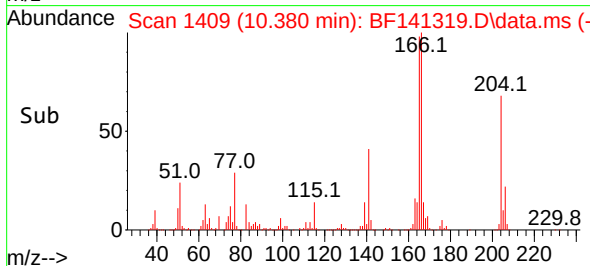


Tgt Ion:204 Resp: 35604
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.1 49.5 74.3

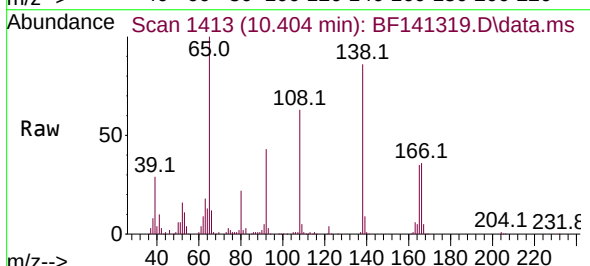
Manual Integrations

APPROVED

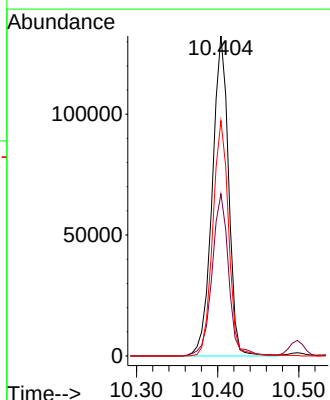
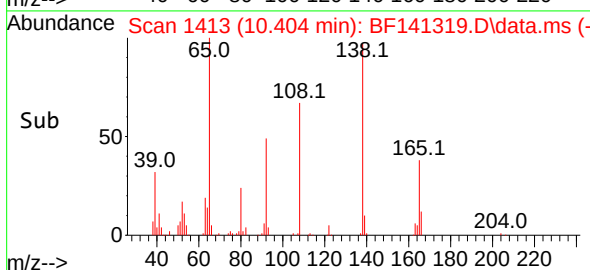
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

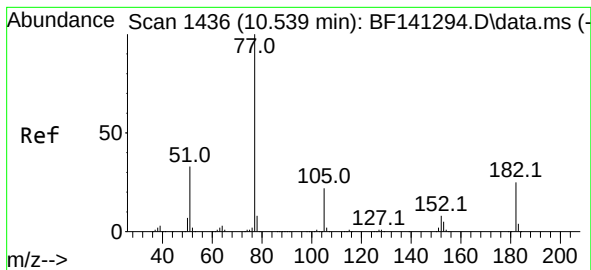


#62
4-Nitroaniline
Concen: 38.331 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:138 Resp: 185062
Ion Ratio Lower Upper
138 100
92 50.6 30.1 70.1
108 73.5 53.1 93.1





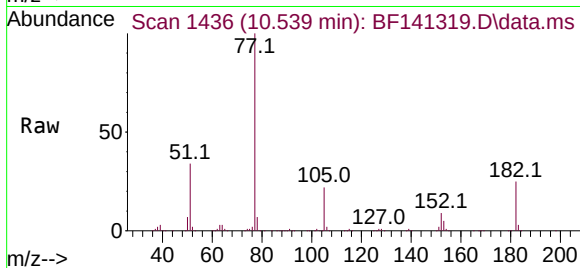
#63
Azobenzene
Concen: 37.170 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

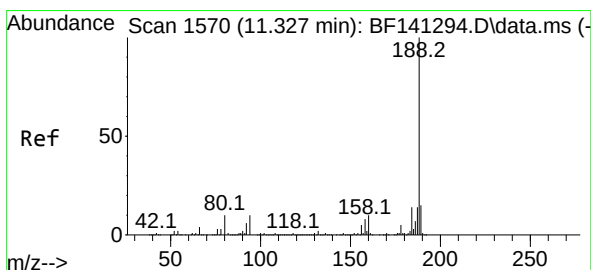
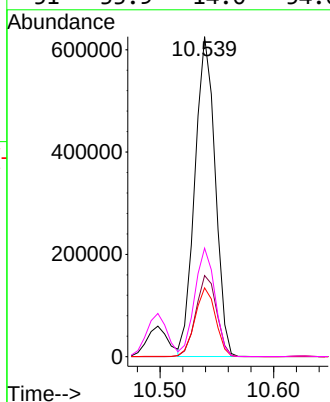
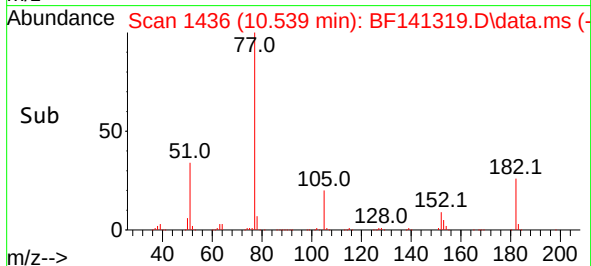


Tgt Ion: 77 Resp: 77850
Ion Ratio Lower Upper
77 100
182 25.4 5.1 45.1
105 21.5 1.8 41.8
51 33.9 14.0 54.0

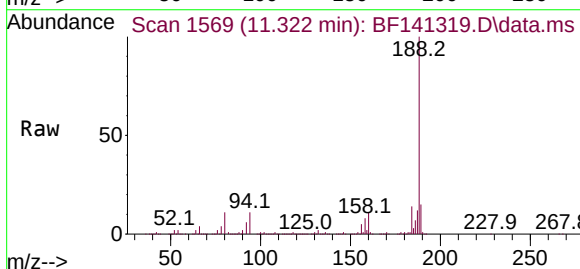
Manual Integrations

APPROVED

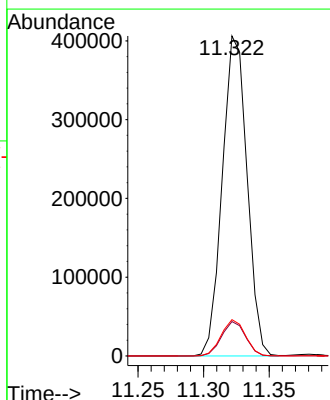
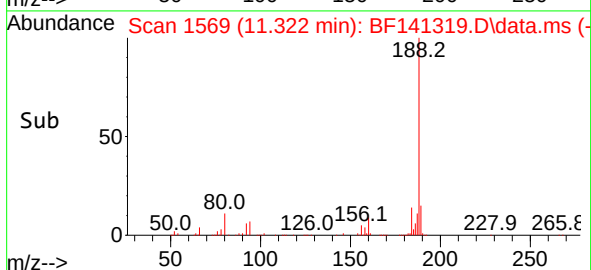
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

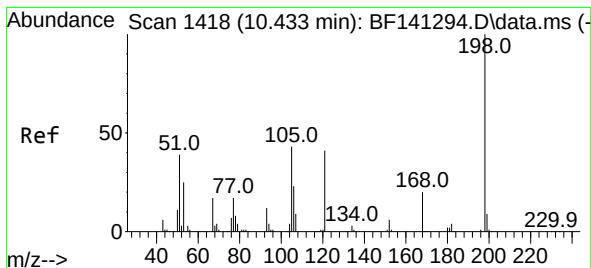


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



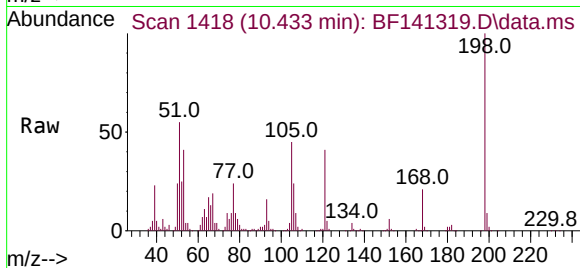
Tgt Ion:188 Resp: 533134
Ion Ratio Lower Upper
188 100
94 10.8 7.8 11.6
80 11.4 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.895 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

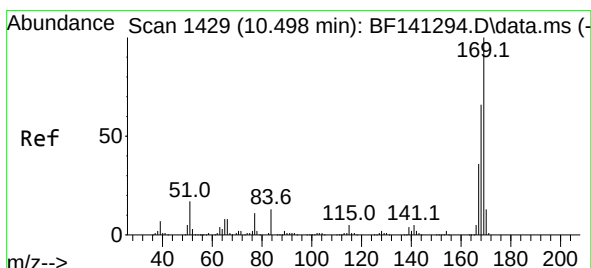
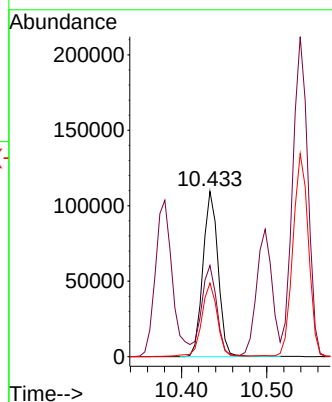
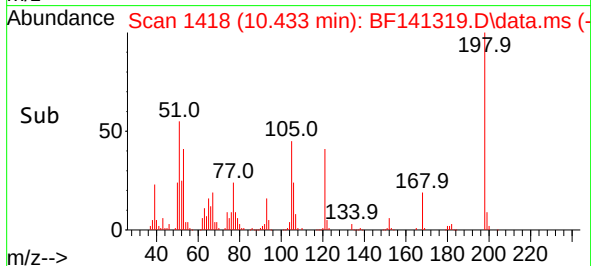
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 135268
Ion Ratio Lower Upper
198 100
51 55.1 33.4 73.4
105 44.5 24.4 64.4

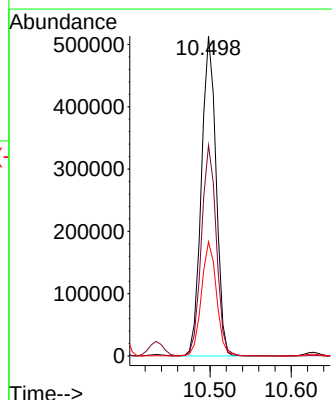
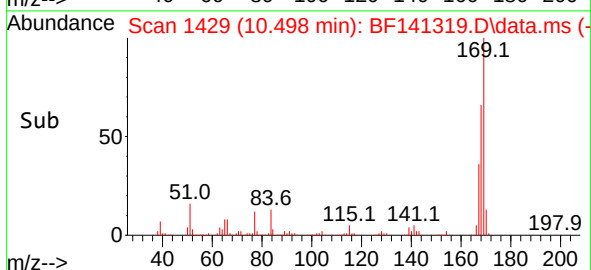
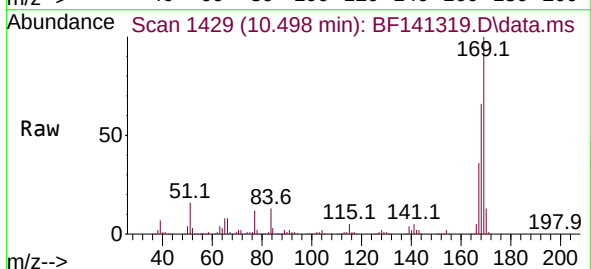
Manual Integrations
APPROVED

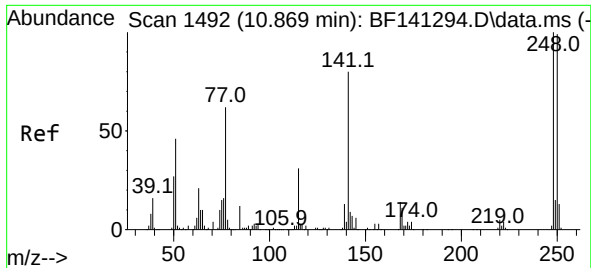
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 37.318 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

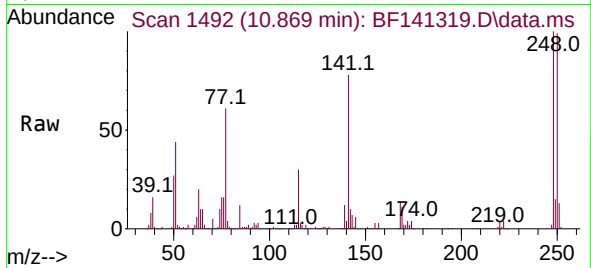
Tgt Ion:169 Resp: 643501
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.7 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 37.613 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

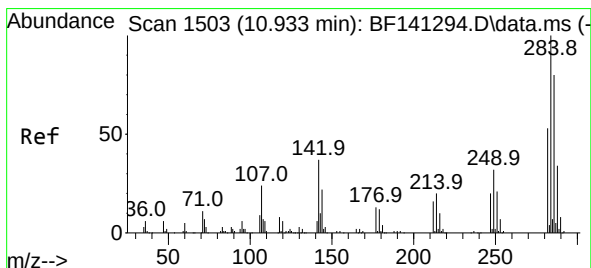
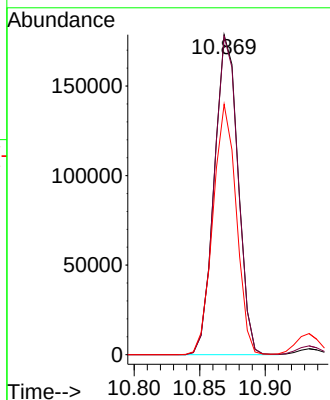
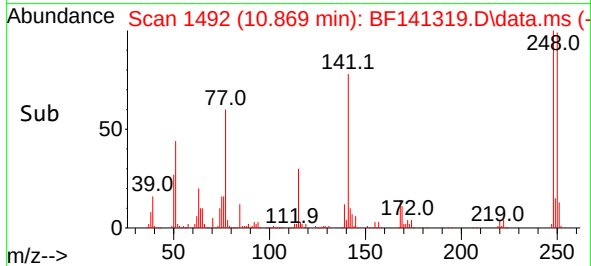
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



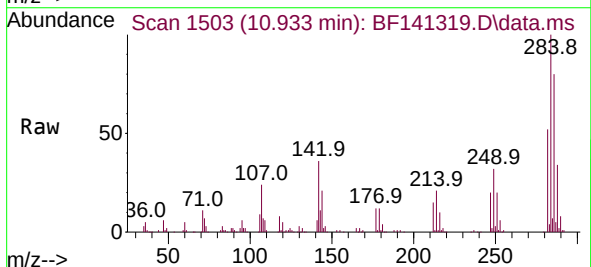
Tgt Ion:248 Resp: 224498
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.4
141 78.3 63.7 95.5

Manual Integrations
APPROVED

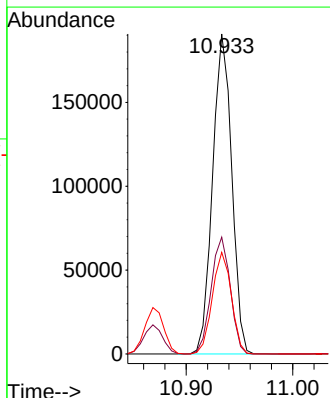
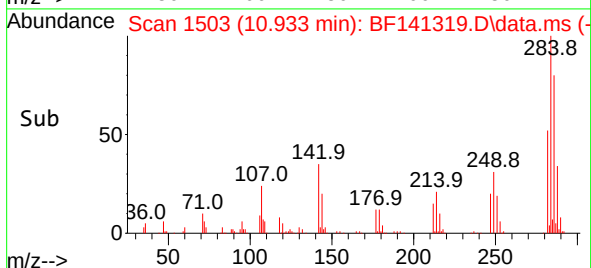
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

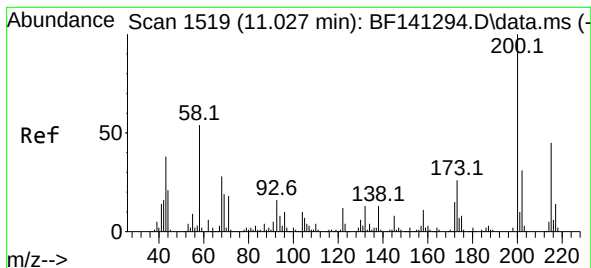


#68
Hexachlorobenzene
Concen: 37.501 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:284 Resp: 237426
Ion Ratio Lower Upper
284 100
142 36.5 29.5 44.3
249 31.8 25.4 38.2





#69

Atrazine

Concen: 35.279 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141319.D

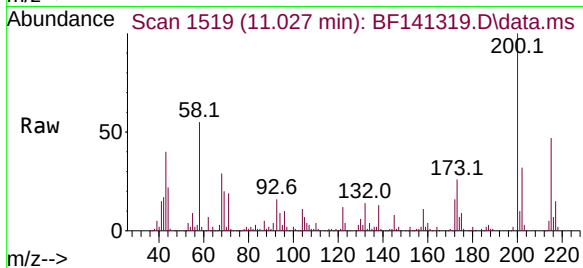
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



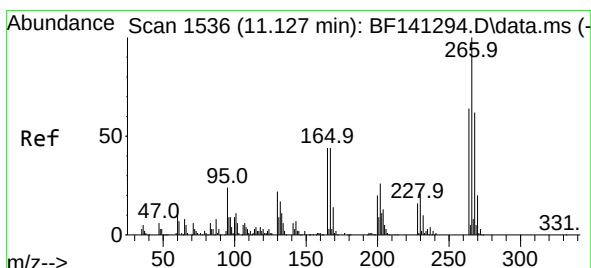
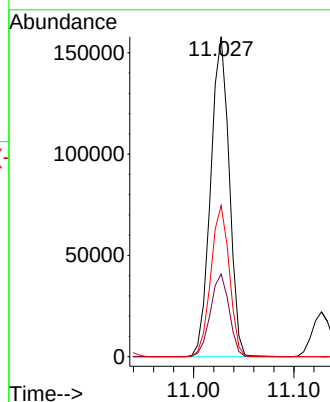
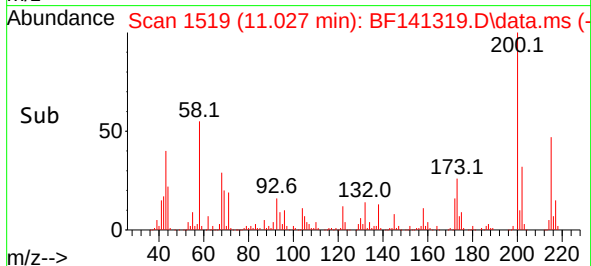
Tgt Ion:200 Resp: 203394

Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.9	45.9
215	47.2	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

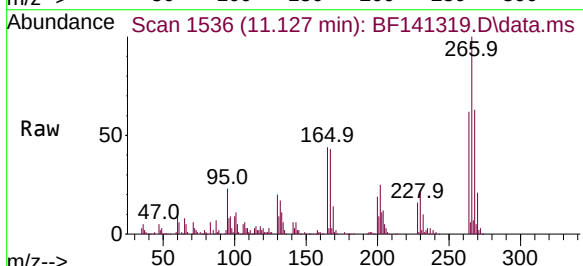
Concen: 42.389 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

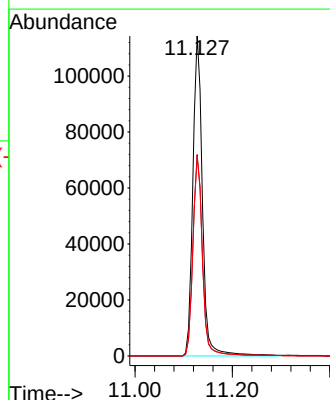
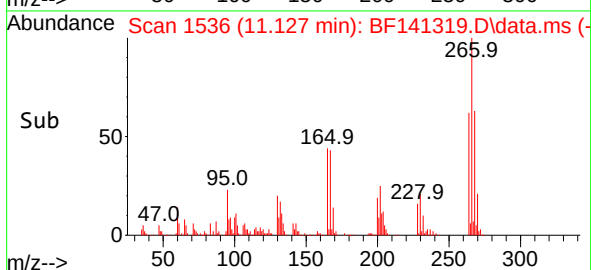
Lab File: BF141319.D

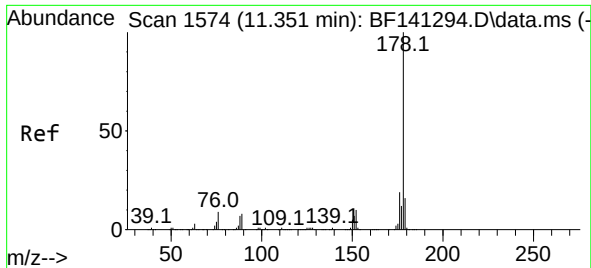
Acq: 31 Jan 2025 09:22



Tgt Ion:266 Resp: 157156

Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.9	74.9
264	62.4	51.0	76.4





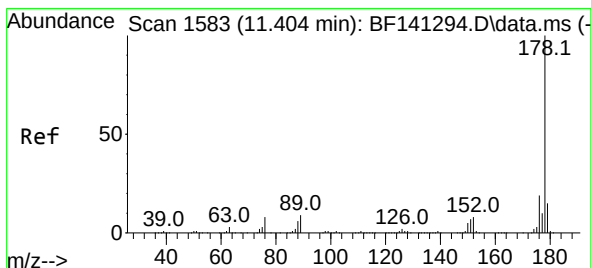
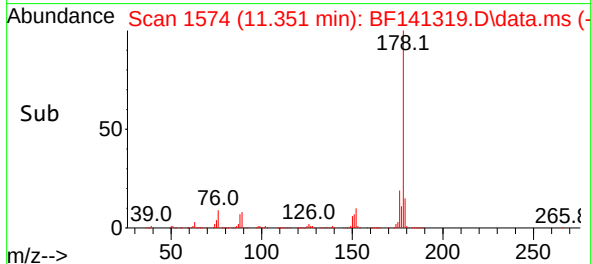
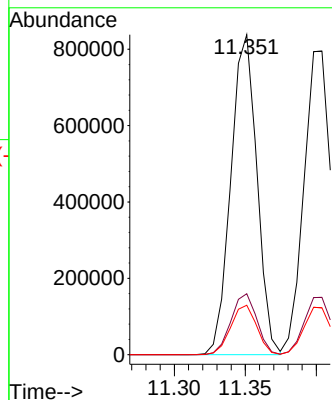
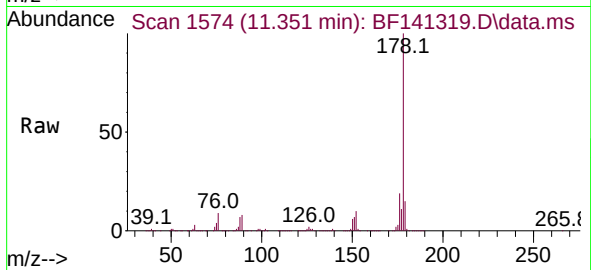
#71
Phenanthrene
Concen: 37.346 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 107027
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.5 18.7

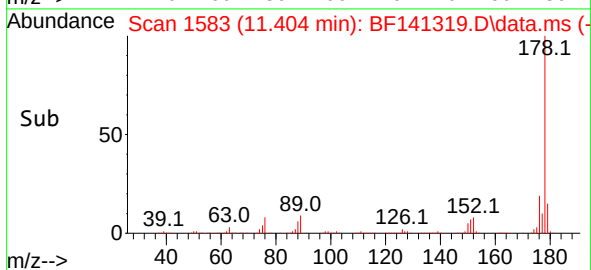
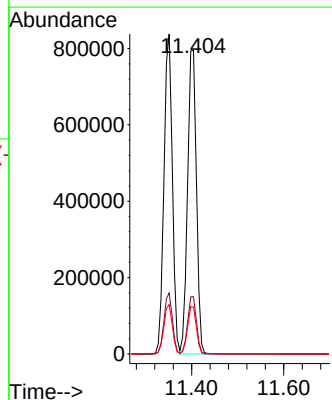
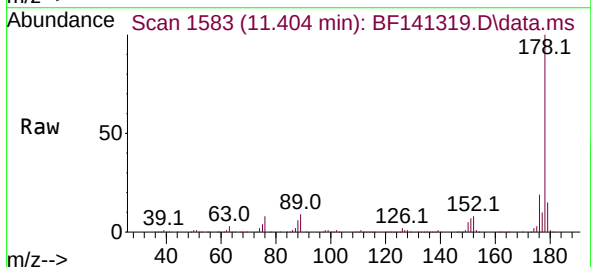
Manual Integrations
APPROVED

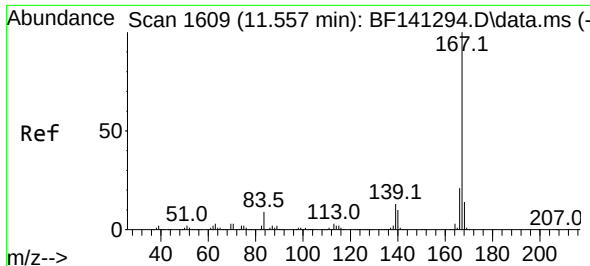
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 37.774 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:178 Resp: 1060701
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.3 18.5





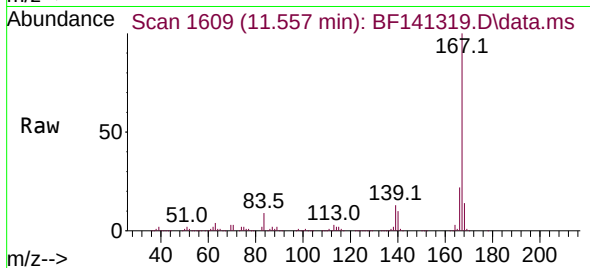
#73
 Carbazole
 Concen: 38.041 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

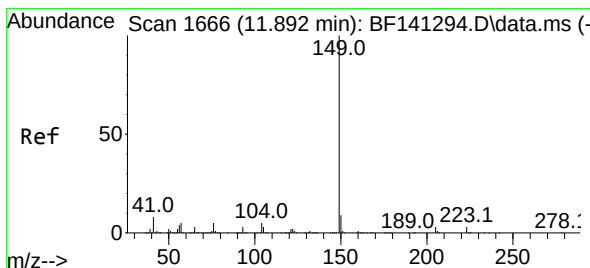
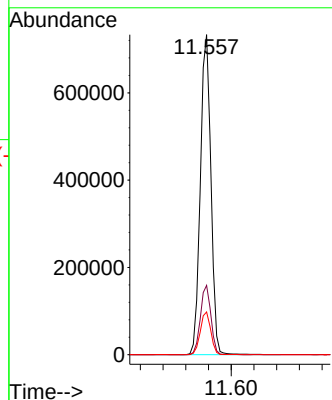
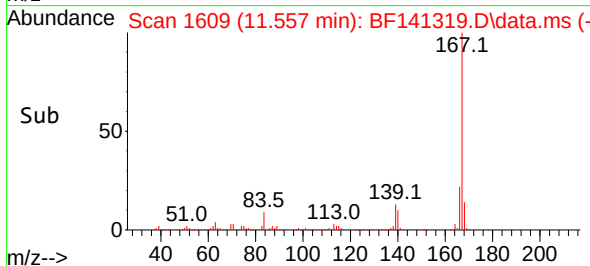


Tgt Ion:167 Resp: 947189
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.4 10.6 16.0

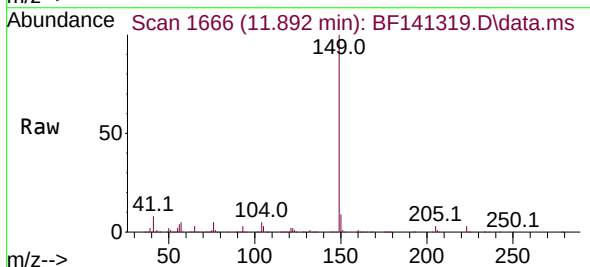
Manual Integrations

APPROVED

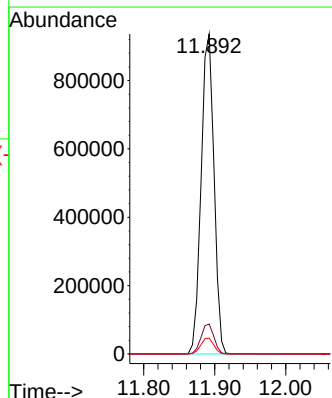
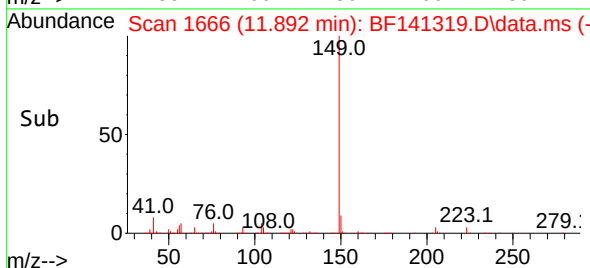
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

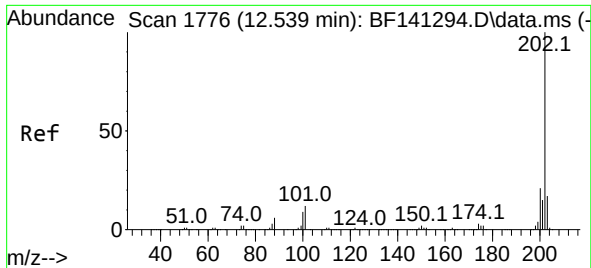


#74
 Di-n-butylphthalate
 Concen: 39.126 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22



Tgt Ion:149 Resp: 1180612
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 39.305 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

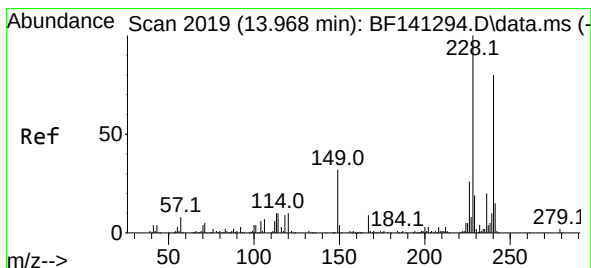
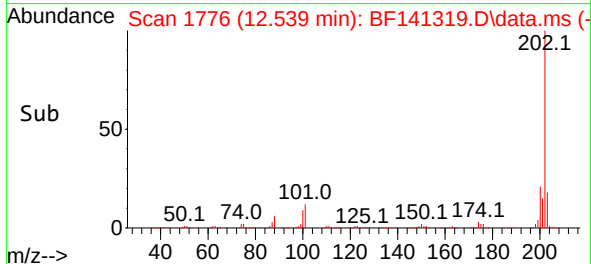
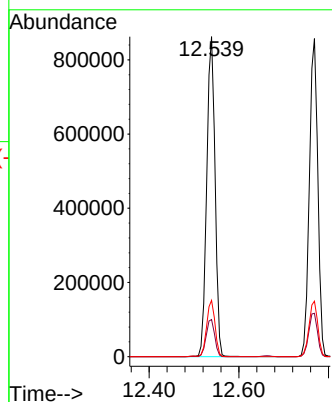
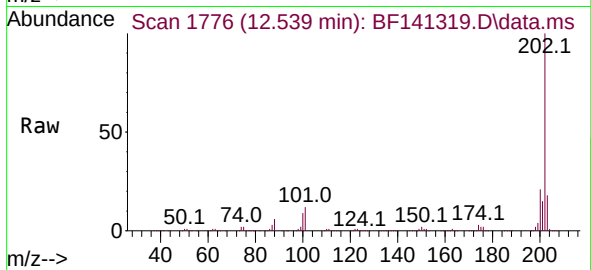
SSTDCCC040

Tgt Ion:202 Resp: 111220
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.6 0.0 37.5

Manual Integrations

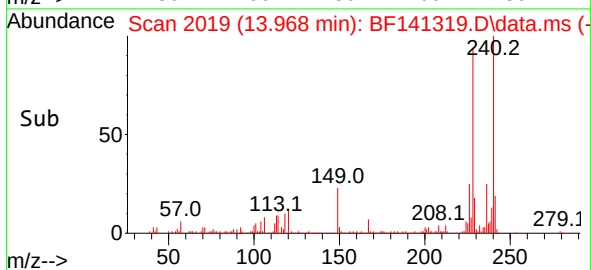
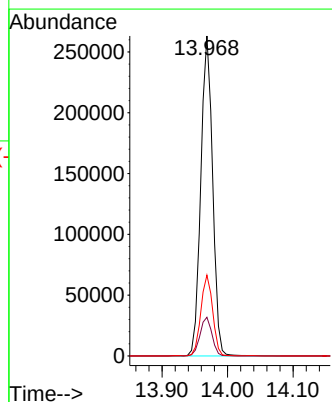
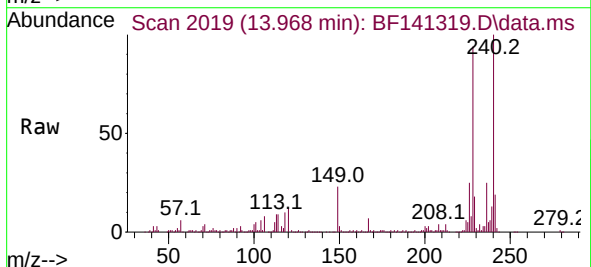
APPROVED

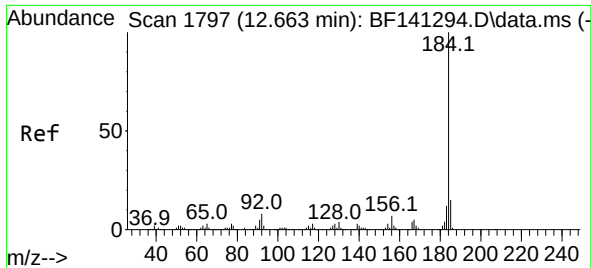
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

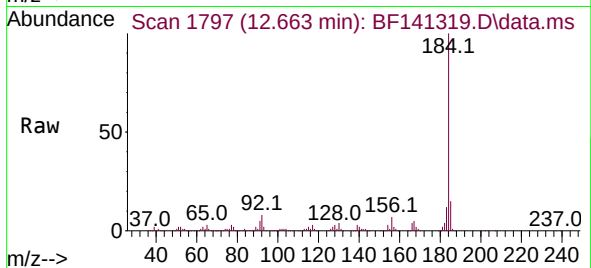
Tgt Ion:240 Resp: 330369
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.3 19.7 29.5





#77
Benzidine
Concen: 48.042 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

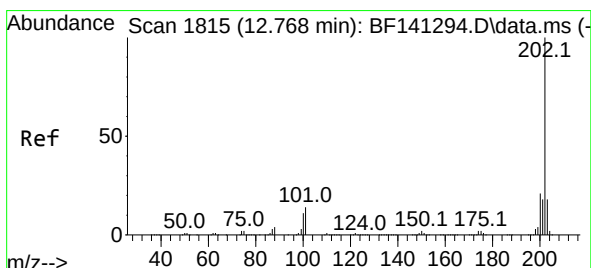
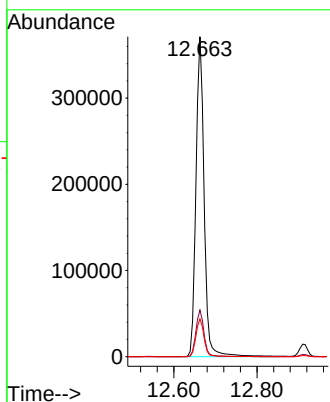
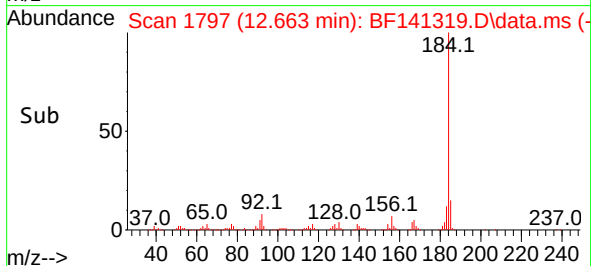
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



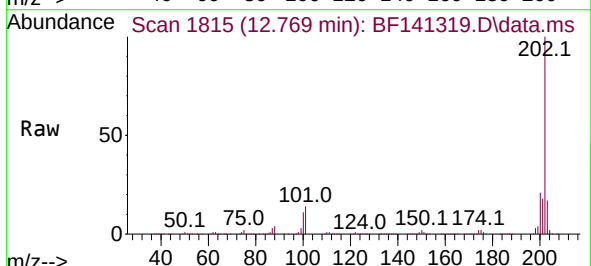
Tgt Ion:184 Resp: 508814
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.8 9.5 14.3

Manual Integrations
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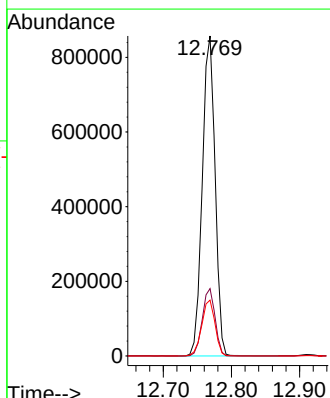
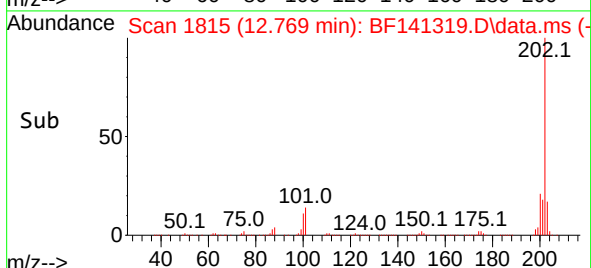
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

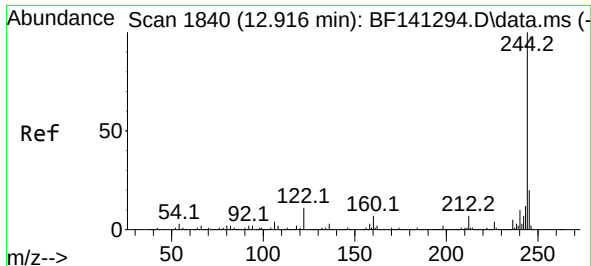


#78
Pyrene
Concen: 35.343 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:202 Resp: 1120815
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.3 21.5





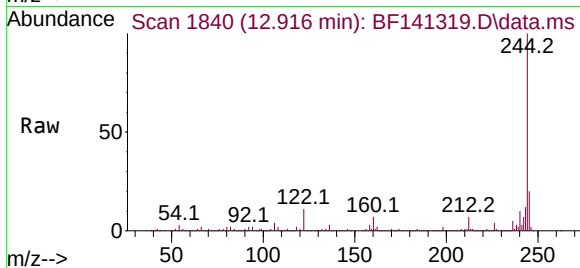
#79
Terphenyl-d14
Concen: 70.329 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

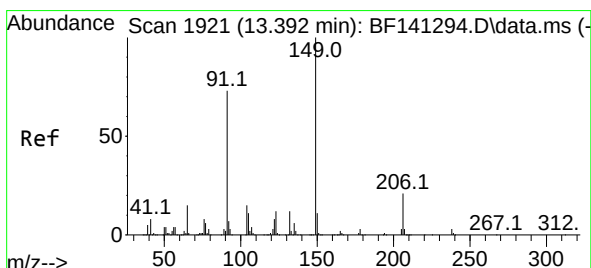
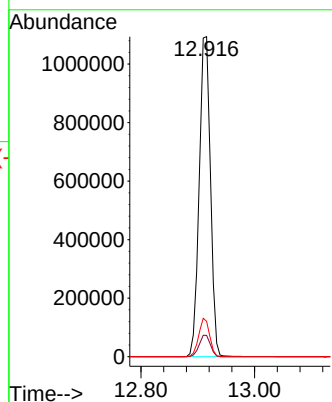
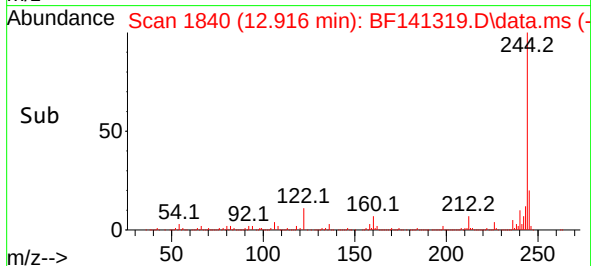


Tgt Ion:244 Resp: 150659
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.1 8.8 13.2

Manual Integrations

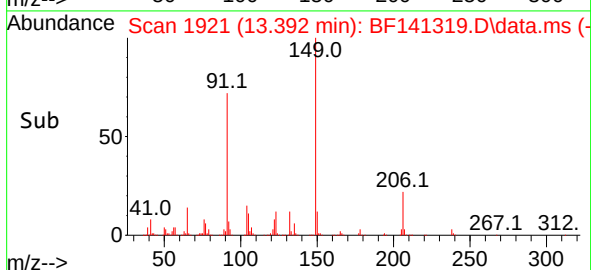
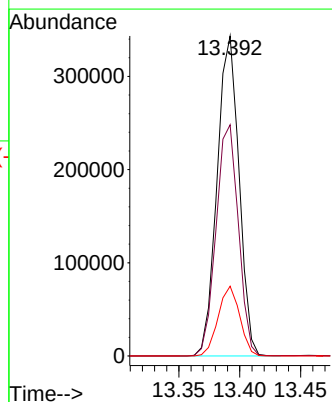
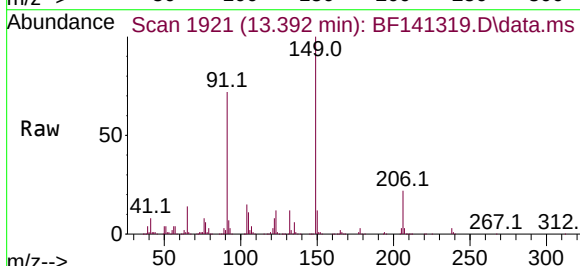
APPROVED

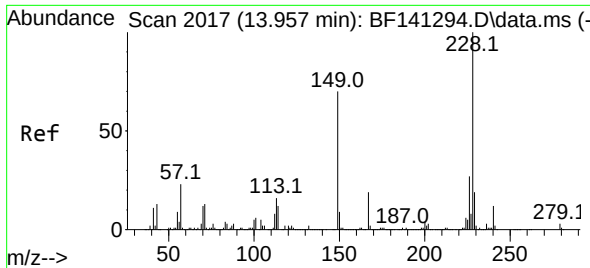
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Butylbenzylphthalate
Concen: 38.853 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 430451
Ion Ratio Lower Upper
149 100
91 72.3 58.6 87.8
206 21.8 16.7 25.1





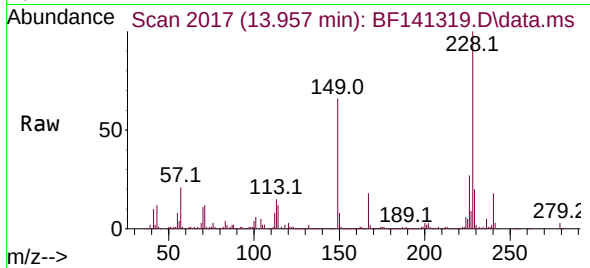
#81
Benzo(a)anthracene
Concen: 33.869 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

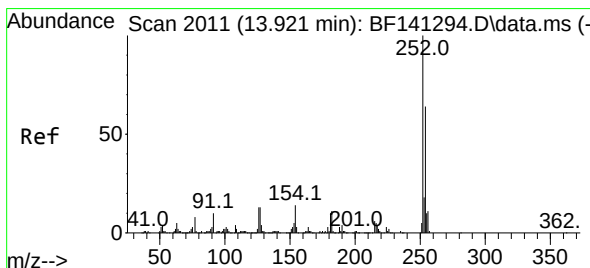
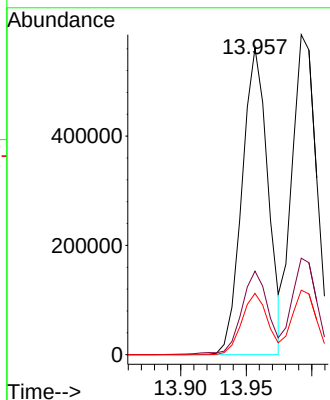
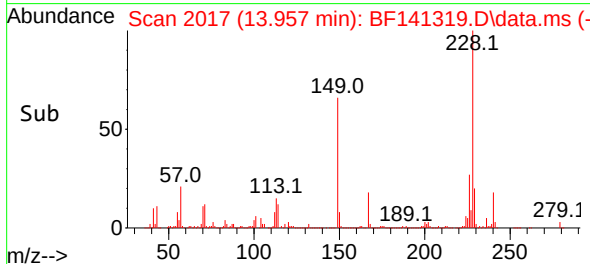


Tgt Ion:228 Resp: 772115
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 20.0 15.5 23.3

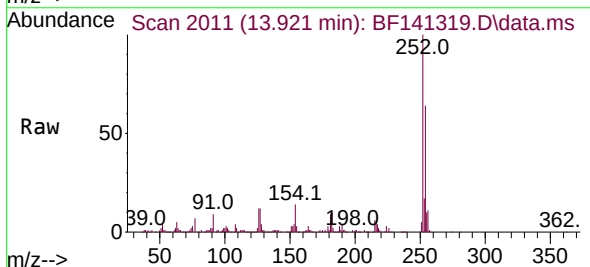
Manual Integrations

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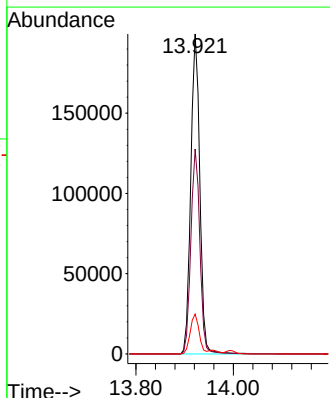
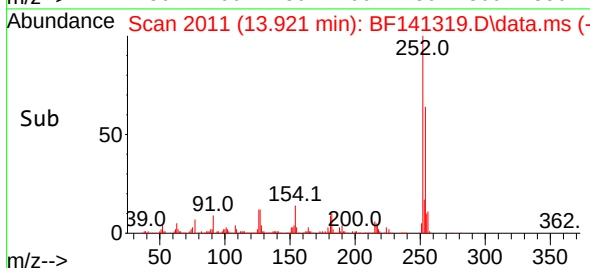
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

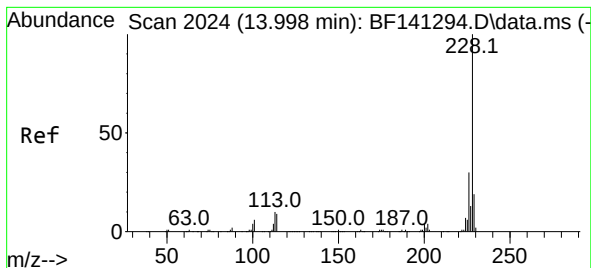


#82
3,3'-Dichlorobenzidine
Concen: 35.631 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:252 Resp: 258352
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 12.5 10.0 15.0





#83

Chrysene

Concen: 36.546 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 763560

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

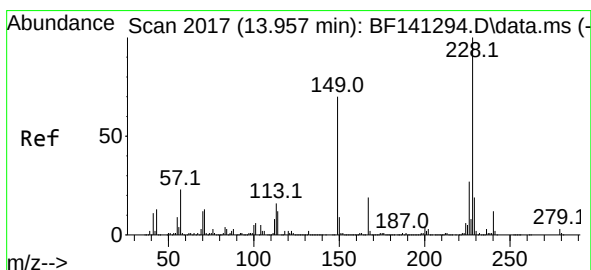
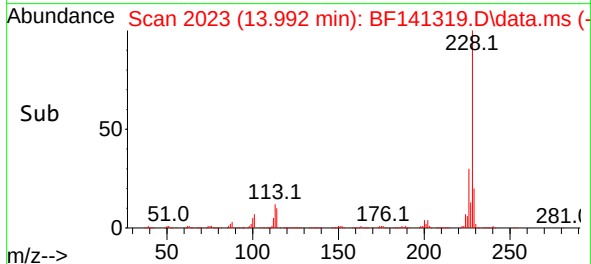
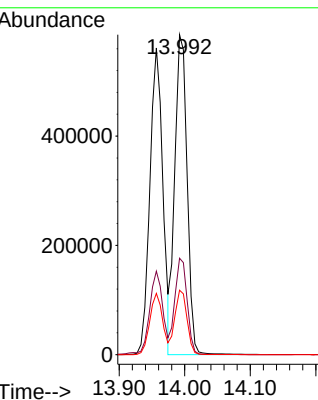
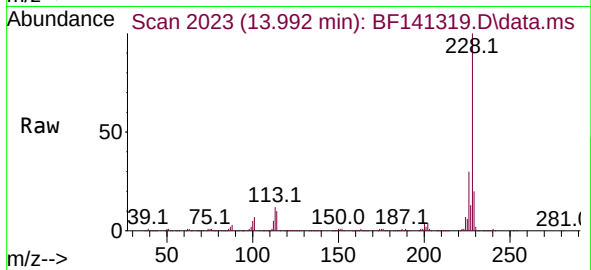
229 20.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.782 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141319.D

Acq: 31 Jan 2025 09:22

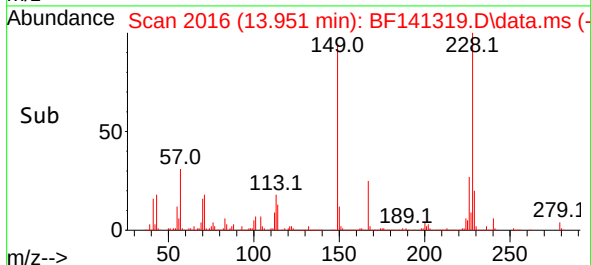
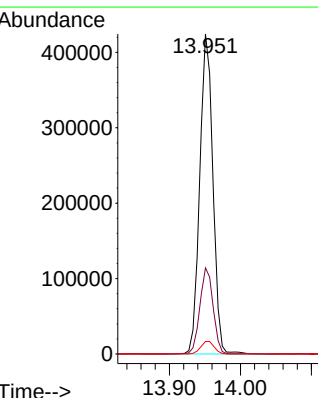
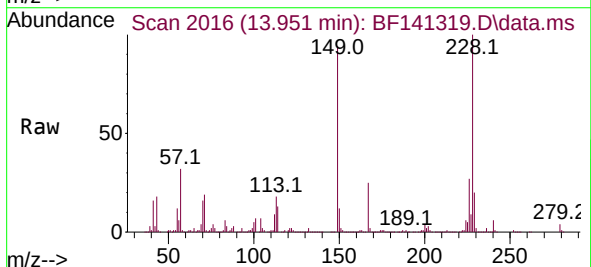
Tgt Ion:149 Resp: 545048

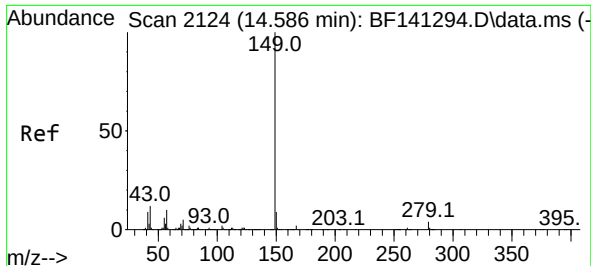
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

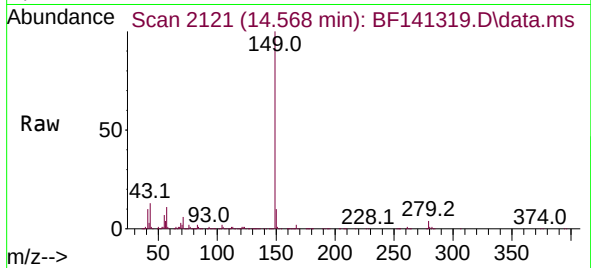
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 38.619 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

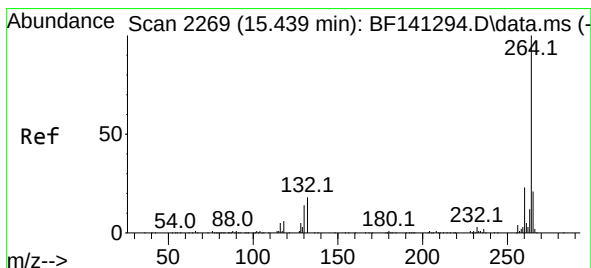
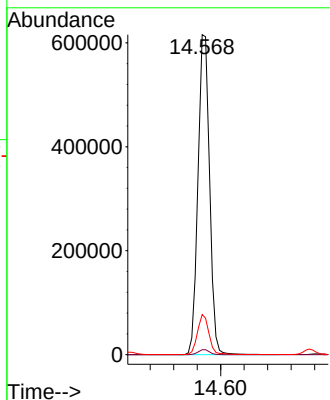
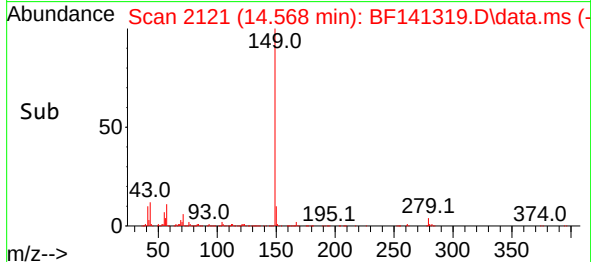
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



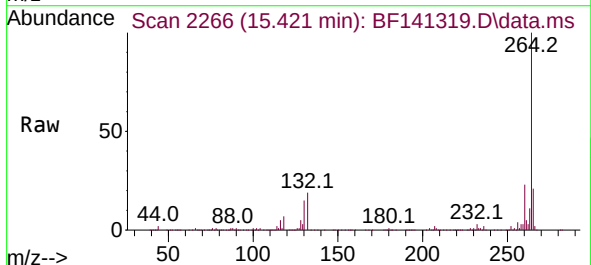
Tgt Ion:149 Resp: 843000
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 9.8 14.8

Manual Integrations
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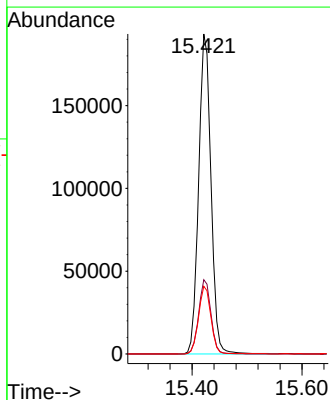
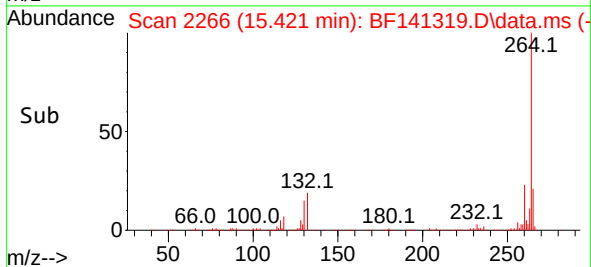
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

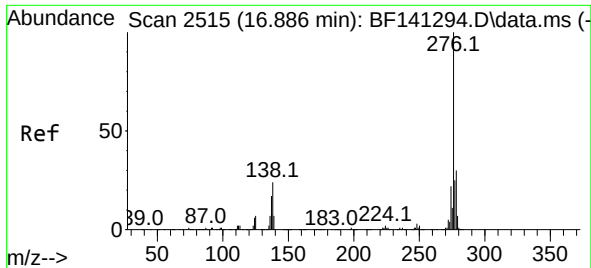


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22



Tgt Ion:264 Resp: 300994
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.2 16.7 25.1





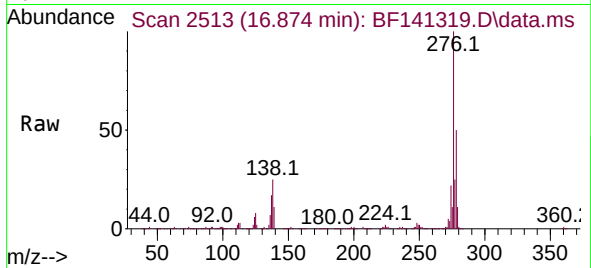
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.201 ng
 RT: 16.874 min Scan# 2195
 Delta R.T. -0.024 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

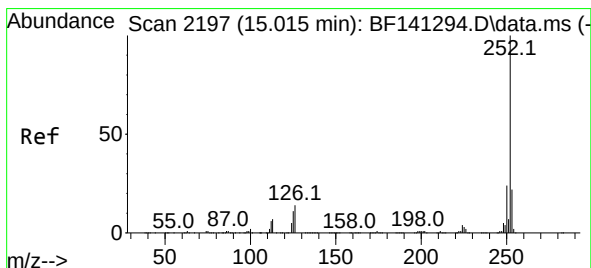
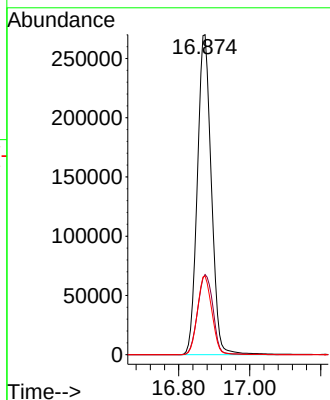
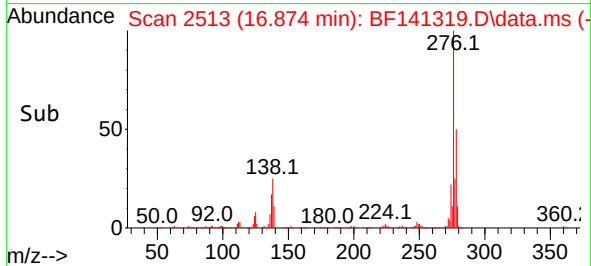


Tgt Ion:276 Resp: 742134
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.7 32.5
 277 25.4 20.3 30.5

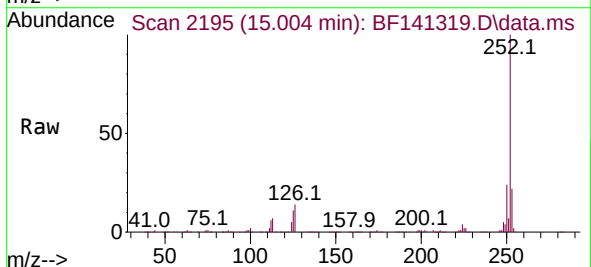
Manual Integrations

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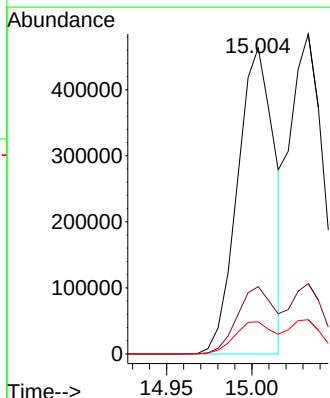
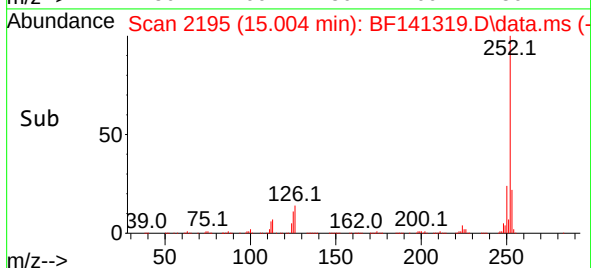
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

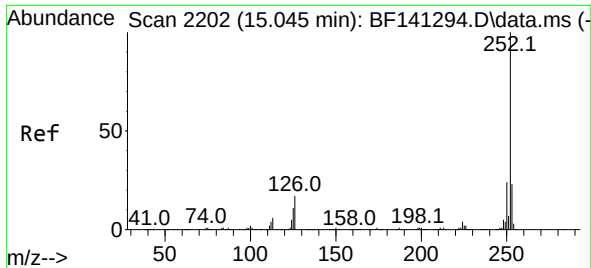


#88
 Benzo(b)fluoranthene
 Concen: 36.848 ng
 RT: 15.004 min Scan# 2195
 Delta R.T. -0.018 min
 Lab File: BF141319.D
 Acq: 31 Jan 2025 09:22



Tgt Ion:252 Resp: 697649
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 10.5 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 39.698 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :

BNA_F

ClientSampleId :

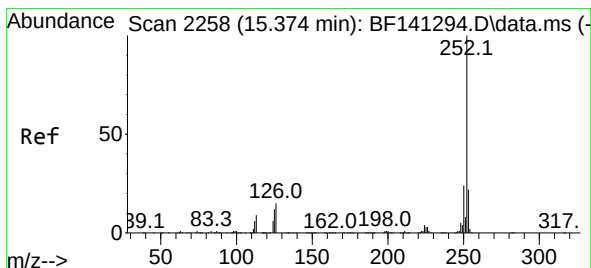
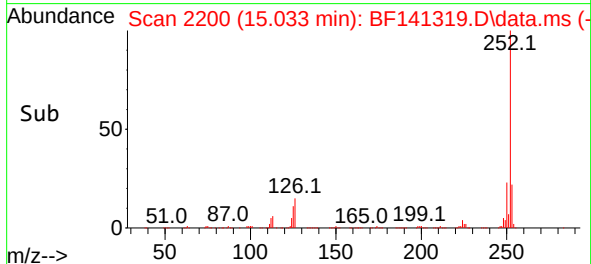
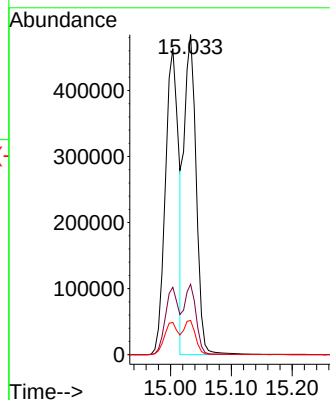
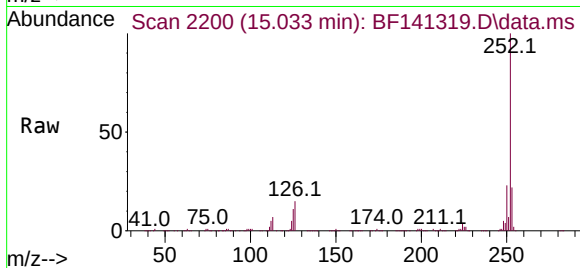
SSTDCCC040

Tgt Ion:252 Resp: 665830
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.7 8.4 12.6

Manual Integrations

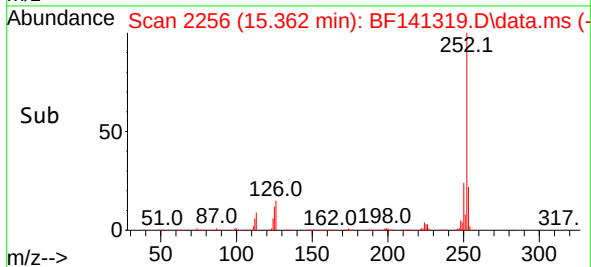
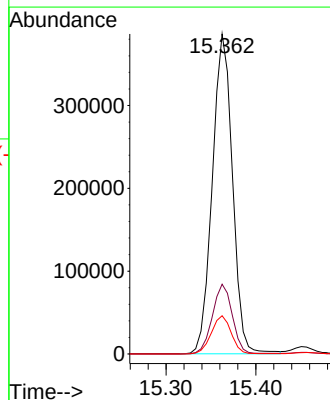
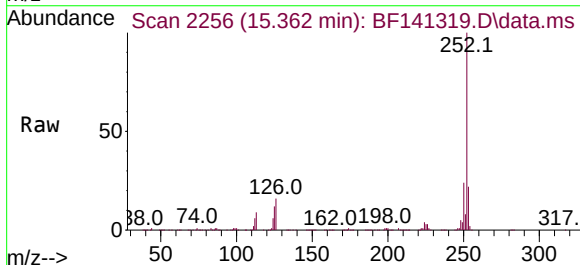
APPROVED

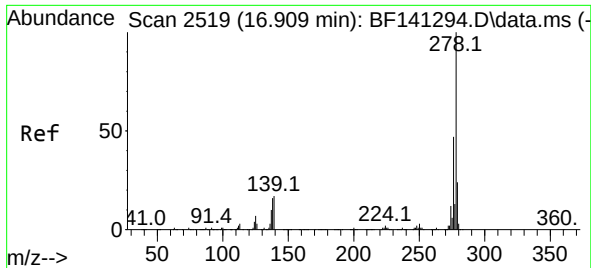
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 37.684 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 602926
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.9 9.4 14.2





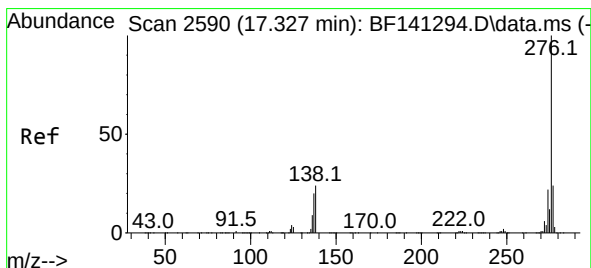
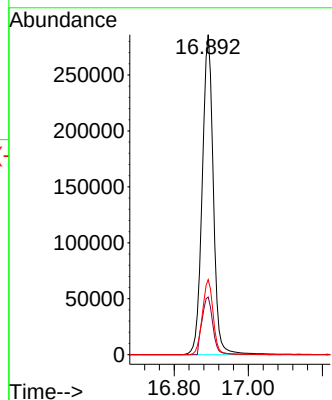
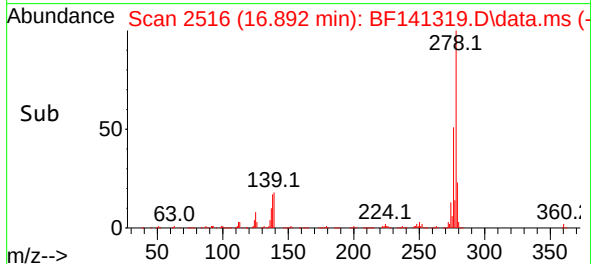
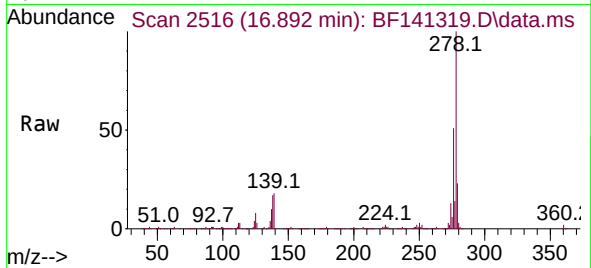
#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 594869
Ion Ratio Lower Upper
278 100
139 18.0 13.9 20.9
279 23.5 18.8 28.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.327 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:276 Resp: 622871
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 24.2 19.0 28.4

