

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141327.D
 Acq On : 31 Jan 2025 12:54
 Operator : RC/JU
 Sample : PB166363BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD

Quant Time: Jan 31 13:16:39 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	162815	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	656268	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	352985	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	593804	20.000	ng	0.00
76) Chrysene-d12	13.969	240	372769	20.000	ng	0.00
86) Perylene-d12	15.427	264	322252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1246986	117.580	ng	0.00
7) Phenol-d6	6.434	99	1582813	117.319	ng	0.00
23) Nitrobenzene-d5	7.363	82	1022248	82.115	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	407137	125.813	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1784508	77.813	ng	0.00
79) Terphenyl-d14	12.916	244	2011572	83.221	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	166928	35.789	ng	99
3) Pyridine	3.316	79	409396	36.430	ng	99
4) n-Nitrosodimethylamine	3.263	42	246038	38.325	ng	98
6) Aniline	6.463	93	454738	39.818	ng	95
8) 2-Chlorophenol	6.581	128	454041	39.943	ng	98
9) Benzaldehyde	6.351	77	384438	49.194	ng	100
10) Phenol	6.445	94	546950	38.244	ng	90
11) bis(2-Chloroethyl)ether	6.540	93	410915	37.473	ng	98
12) 1,3-Dichlorobenzene	6.740	146	453232	36.162	ng	99
13) 1,4-Dichlorobenzene	6.816	146	456173	36.230	ng	100
14) 1,2-Dichlorobenzene	6.969	146	441372	37.436	ng	99
15) Benzyl Alcohol	6.940	79	382706	41.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	755292	39.610	ng	98
17) 2-Methylphenol	7.051	107	366895	39.714	ng	99
18) Hexachloroethane	7.310	117	172836	37.209	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	309046	38.550	ng	97
20) 3+4-Methylphenols	7.204	107	436495	38.480	ng	96
22) Acetophenone	7.210	105	640608	41.066	ng	99
24) Nitrobenzene	7.381	77	466546	36.164	ng	99
25) Isophorone	7.622	82	852148	39.599	ng	100
26) 2-Nitrophenol	7.698	139	240977	39.606	ng	99
27) 2,4-Dimethylphenol	7.734	122	382924	49.446	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	525514	38.285	ng	99
29) 2,4-Dichlorophenol	7.939	162	366016	38.606	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	382419	35.320	ng	100
31) Naphthalene	8.104	128	1259081	36.317	ng	100
32) Benzoic acid	7.863	122	325960	45.786	ng	99
33) 4-Chloroaniline	8.151	127	147310	12.530	ng	98
34) Hexachlorobutadiene	8.222	225	225660	35.540	ng	99
35) Caprolactam	8.522	113	138443m	44.712	ng	
36) 4-Chloro-3-methylphenol	8.634	107	408024	40.122	ng	96
37) 2-Methylnaphthalene	8.792	142	799792	36.296	ng	98
38) 1-Methylnaphthalene	8.892	142	783637	36.204	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	408014	40.631	ng	98
41) Hexachlorocyclopentadiene	8.945	237	467280	157.562	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	260073	39.568	ng	99

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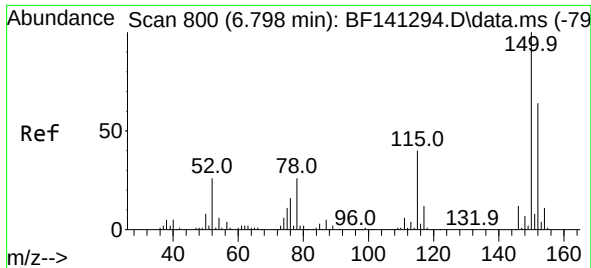
Quant Time: Jan 31 13:16:39 2025
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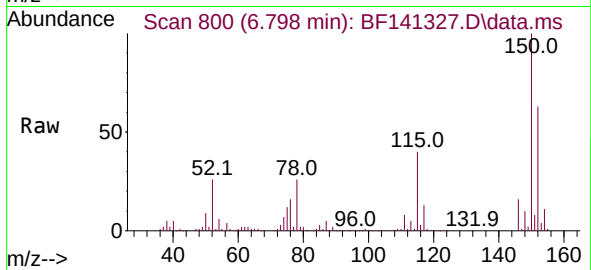
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	274449	38.364	ng	98
46) 1,1'-Biphenyl	9.257	154	1138200	41.346	ng	99
47) 2-Chloronaphthalene	9.281	162	769486	35.862	ng	99
48) 2-Nitroaniline	9.381	65	268925	39.846	ng	99
49) Acenaphthylene	9.698	152	1211717	40.342	ng	99
50) Dimethylphthalate	9.563	163	935055	39.221	ng	100
51) 2,6-Dinitrotoluene	9.622	165	211622	38.230	ng	99
52) Acenaphthene	9.869	154	905912	42.218	ng	99
53) 3-Nitroaniline	9.792	138	107941	19.896	ng	99
54) 2,4-Dinitrophenol	9.898	184	252834	98.257	ng	96
55) Dibenzofuran	10.045	168	1089517	37.933	ng	100
56) 4-Nitrophenol	9.957	139	358814	90.432	ng	99
57) 2,4-Dinitrotoluene	10.028	165	285303	39.808	ng	97
58) Fluorene	10.386	166	844352	37.898	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	238057	42.298	ng	100
60) Diethylphthalate	10.263	149	893307	38.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	405648	37.274	ng	100
62) 4-Nitroaniline	10.410	138	209172	39.216	ng	99
63) Azobenzene	10.539	77	911933	39.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162906	46.381	ng	98
66) n-Nitrosodiphenylamine	10.498	169	763790	39.769	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	260632	39.206	ng	99
68) Hexachlorobenzene	10.933	284	274528	38.931	ng	99
69) Atrazine	11.028	200	294187	45.813	ng	99
70) Pentachlorophenol	11.133	266	349899	84.735	ng	98
71) Phenanthrene	11.351	178	1269881	39.784	ng	99
72) Anthracene	11.404	178	1302000	41.630	ng	100
73) Carbazole	11.557	167	1136855	40.994	ng	100
74) Di-n-butylphthalate	11.892	149	1401598	41.703	ng	100
75) Fluoranthene	12.539	202	1289953	40.929	ng	99
77) Benzidine	12.663	184	716205	59.932	ng	100
78) Pyrene	12.769	202	1324799	37.024	ng	100
80) Butylbenzylphthalate	13.392	149	541805	43.342	ng	99
81) Benzo(a)anthracene	13.957	228	942894	36.655	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	154325	18.863	ng	99
83) Chrysene	13.992	228	939517	39.853	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	657794	41.481	ng	100
85) Di-n-octyl phthalate	14.574	149	1053825	42.786	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	856626	41.186	ng	99
88) Benzo(b)fluoranthene	15.010	252	845792	41.725	ng	99
89) Benzo(k)fluoranthene	15.039	252	758956	42.265	ng	100
90) Benzo(a)pyrene	15.368	252	749665	43.765	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	681454	40.724	ng	100
92) Benzo(g,h,i)perylene	17.315	276	666012	38.278	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

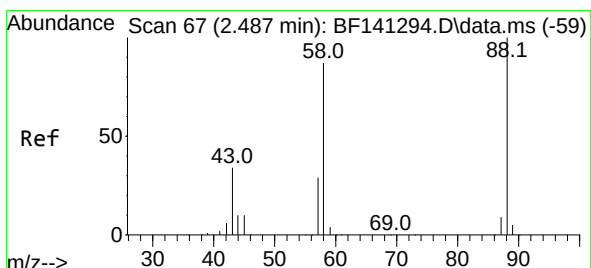
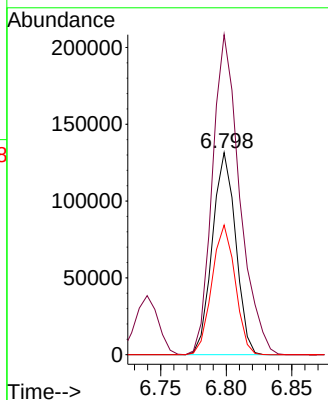
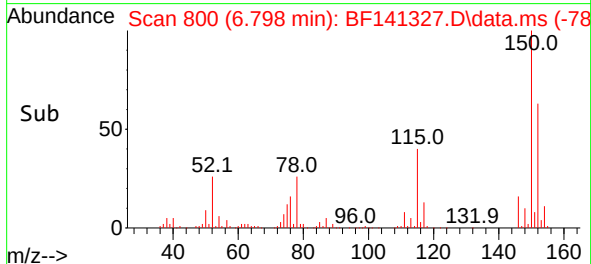
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



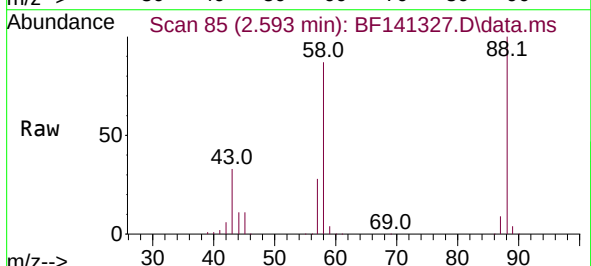
Tgt Ion:152 Resp: 162815
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 64.1 49.7 74.5

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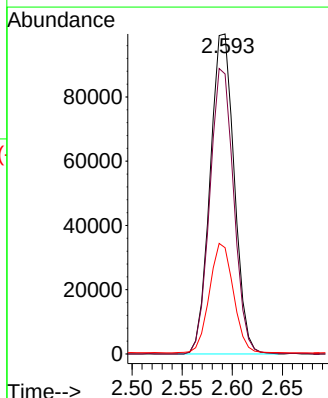
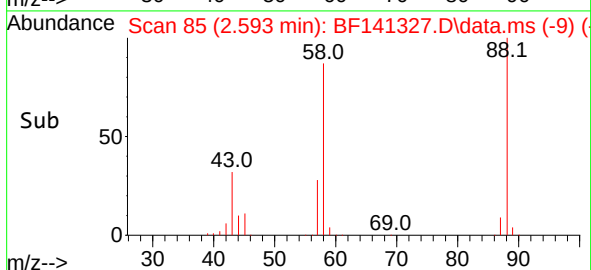
Reviewed By :Jagrut Upadhyay 02/03/2025
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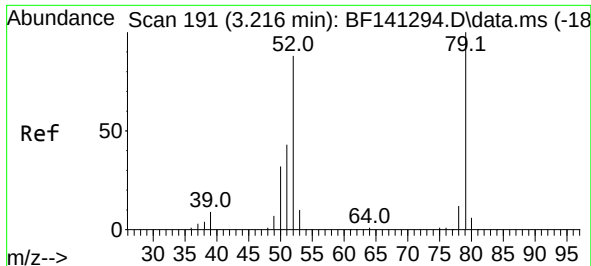


#2
1,4-Dioxane
Concen: 35.789 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.100 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



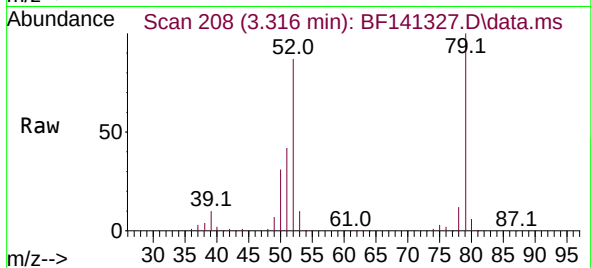
Tgt Ion: 88 Resp: 166928
Ion Ratio Lower Upper
88 100
58 88.5 70.2 105.4
43 34.0 27.6 41.4





#3
Pyridine
Concen: 36.430 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.088 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

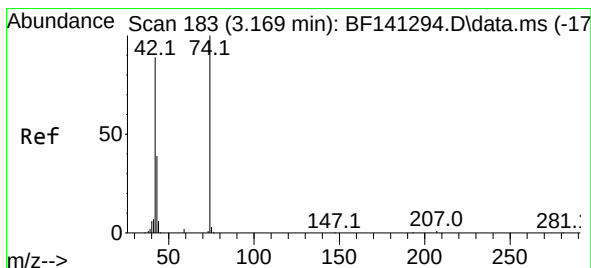
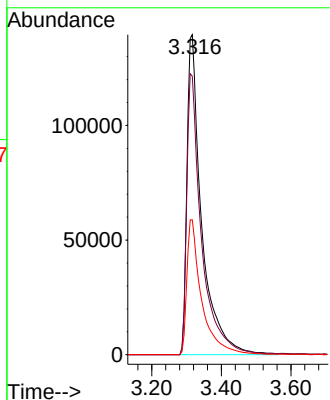
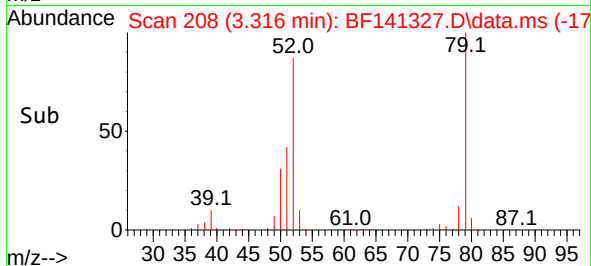
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ClientSampleId :
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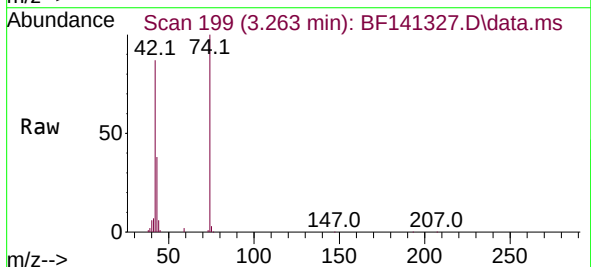
Tgt Ion: 79 Resp: 409390
Ion Ratio Lower Upper
79 100
52 87.0 70.3 105.5
51 42.1 34.3 51.5

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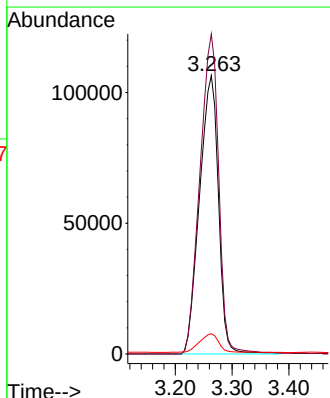
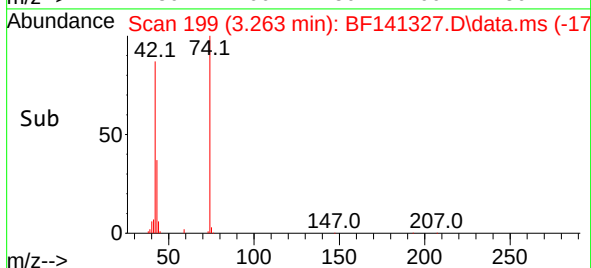
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

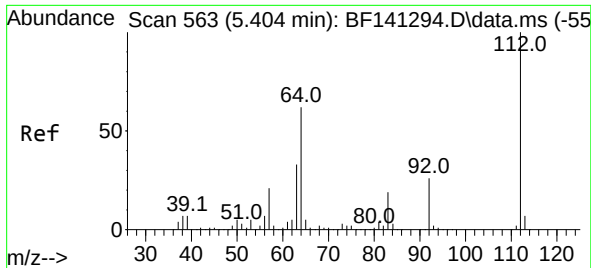


#4
n-Nitrosodimethylamine
Concen: 38.325 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.065 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion: 42 Resp: 246038
Ion Ratio Lower Upper
42 100
74 115.0 90.3 135.5
44 7.3 5.7 8.5





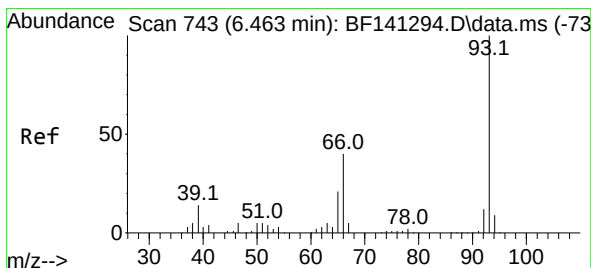
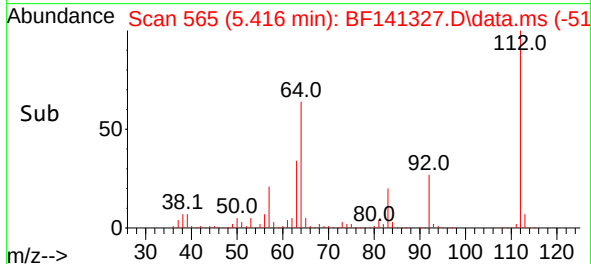
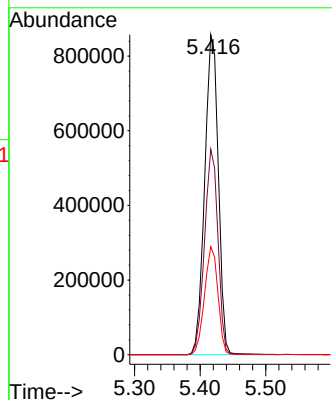
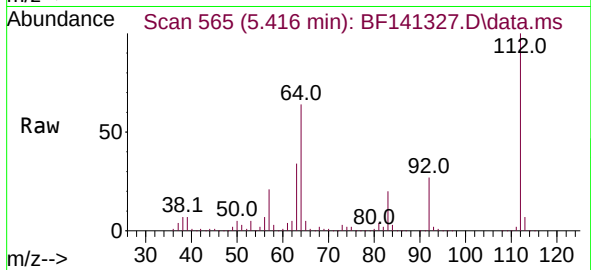
#5
2-Fluorophenol
Concen: 117.580 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:112 Resp: 124698
Ion Ratio Lower Upper
112 100
64 64.2 49.8 74.8
63 33.7 26.1 39.1

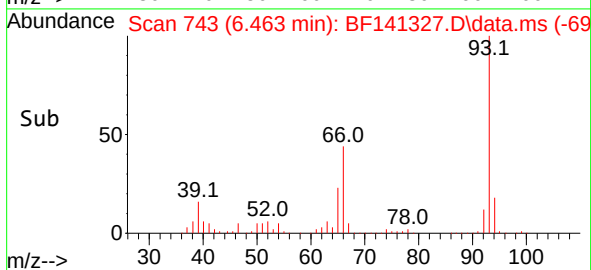
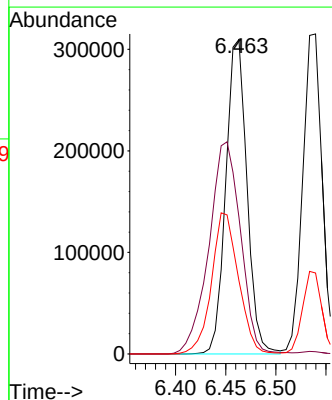
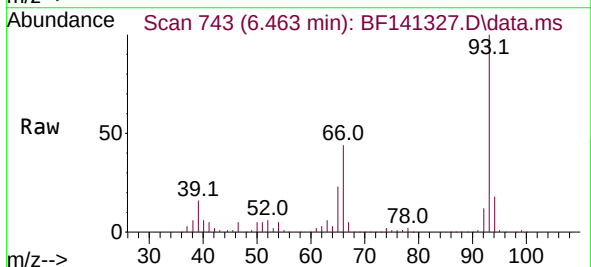
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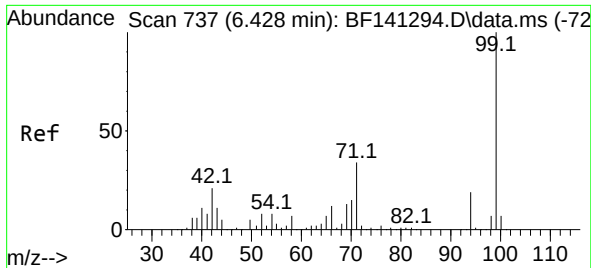
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 39.818 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 454738
Ion Ratio Lower Upper
93 100
66 43.6 32.5 48.7
65 23.4 17.0 25.6





#7

Phenol-d6

Concen: 117.319 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion: 99 Resp: 158281

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

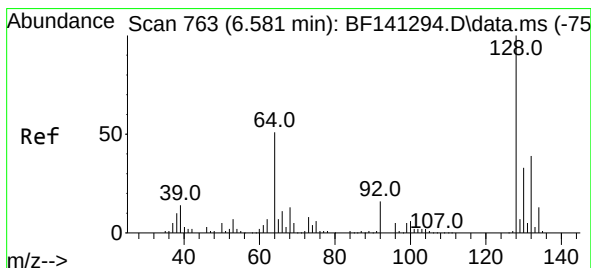
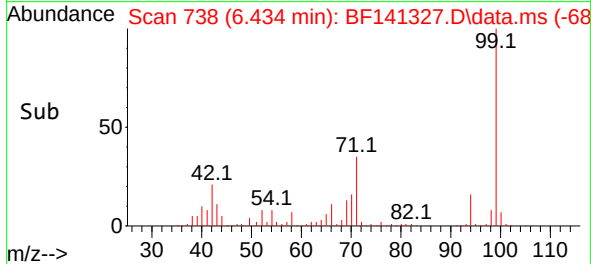
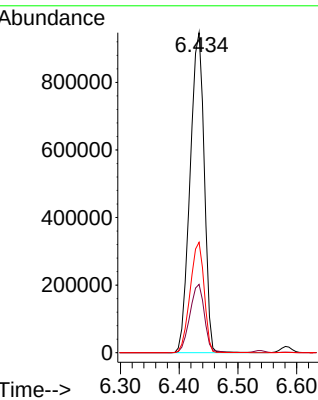
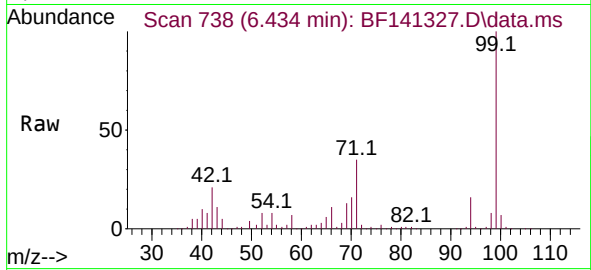
71 34.5 26.9 40.3

Manual Integrations

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Supervised By :mohammad ahmed 02/04/2025



#8

2-Chlorophenol

Concen: 39.943 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF141327.D

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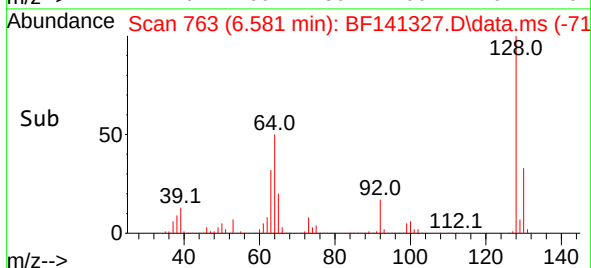
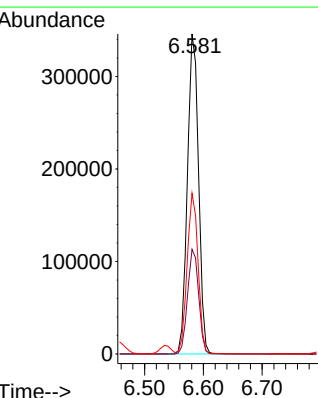
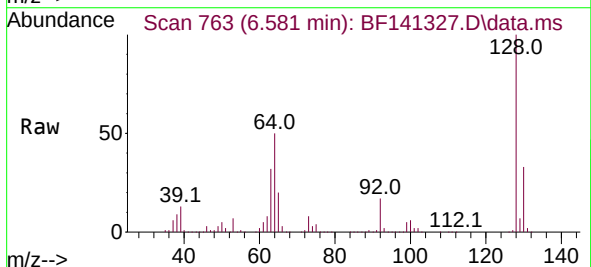
Tgt Ion:128 Resp: 454041

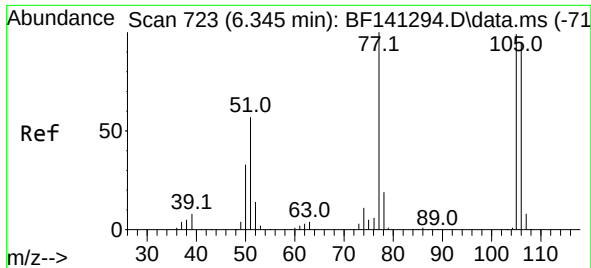
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 50.2 32.9 72.9





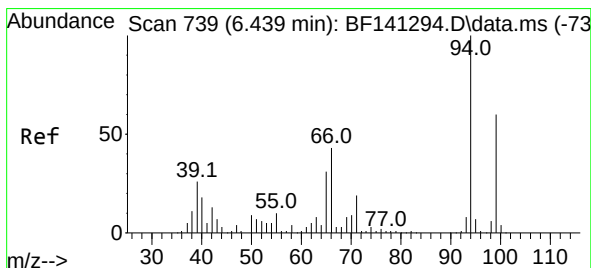
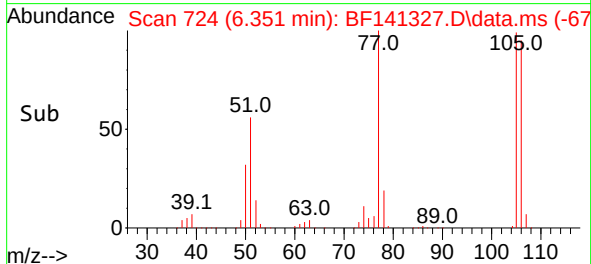
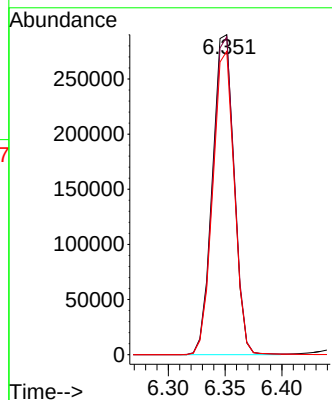
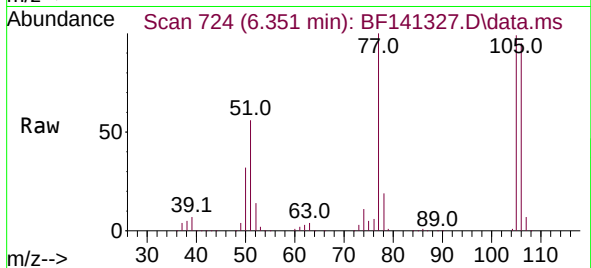
#9
Benzaldehyde
Concen: 49.194 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 77 Resp: 384438
Ion Ratio Lower Upper
77 100
105 99.3 79.4 119.4
106 94.8 74.6 114.6

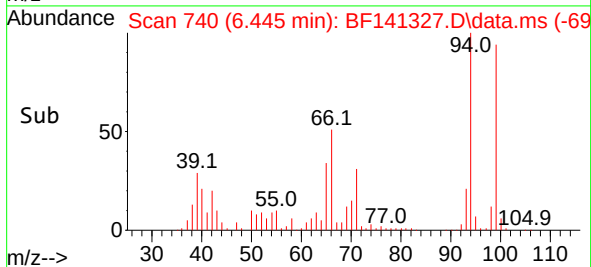
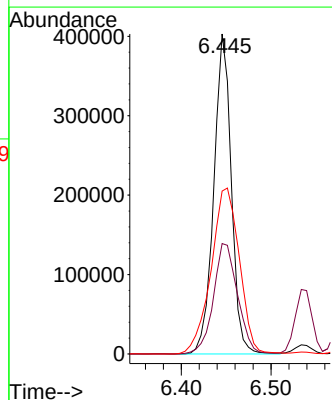
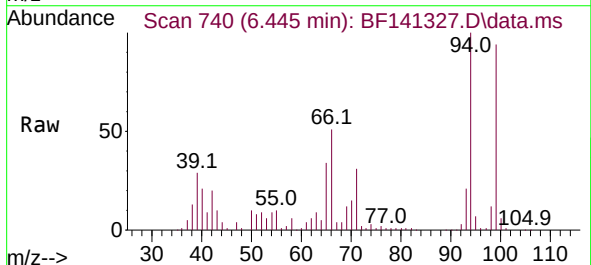
Manual Integrations
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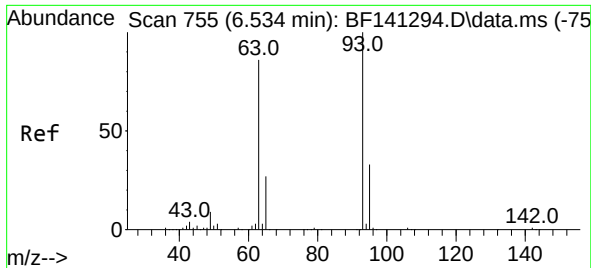
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 38.244 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 94 Resp: 546950
Ion Ratio Lower Upper
94 100
65 34.5 10.8 50.8
66 50.9 23.3 63.3





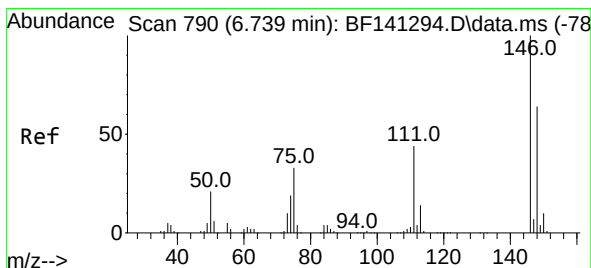
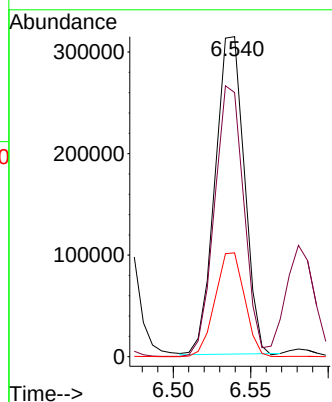
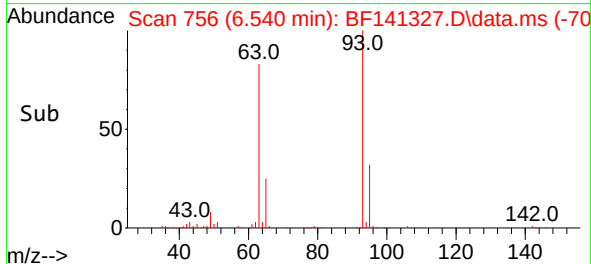
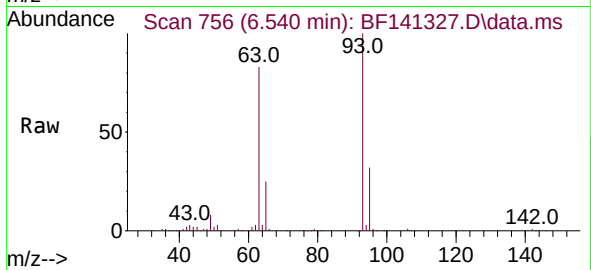
#11
bis(2-Chloroethyl)ether
Concen: 37.473 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 93 Resp: 410915
Ion Ratio Lower Upper
93 100
63 82.6 65.0 105.0
95 32.5 12.4 52.4

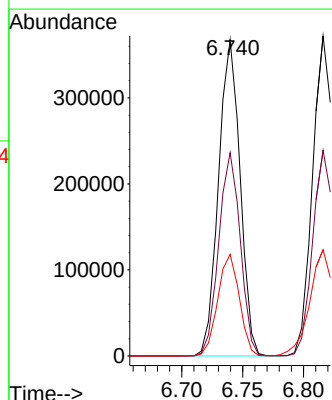
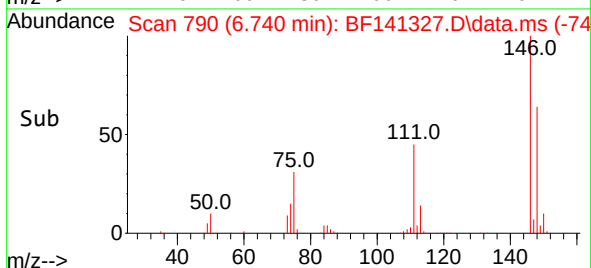
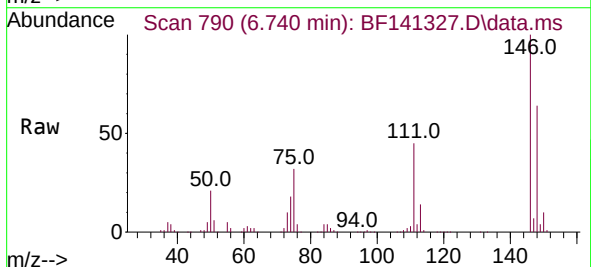
Manual Integrations
APPROVED

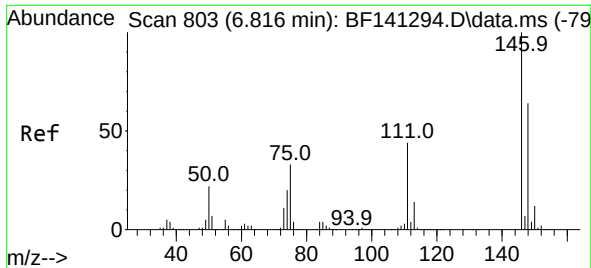
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 36.162 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 453232
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 32.1 26.2 39.4





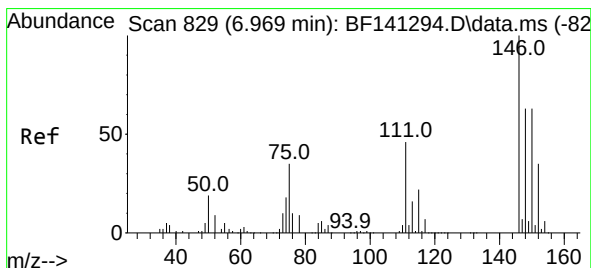
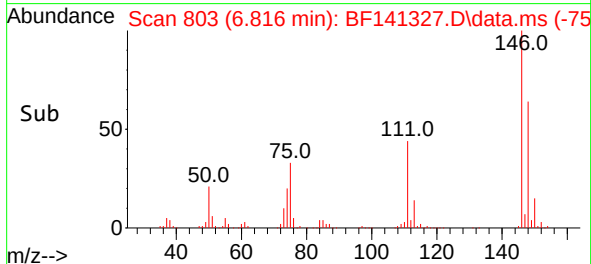
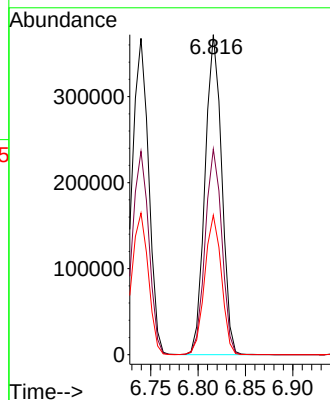
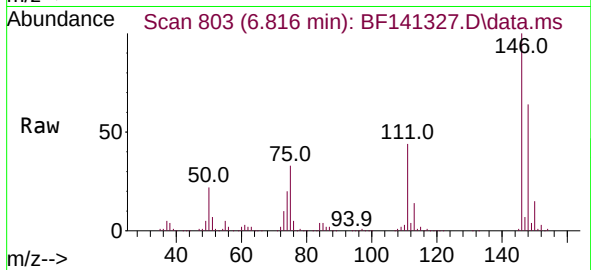
#13
1,4-Dichlorobenzene
Concen: 36.230 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:146 Resp: 45617
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 43.6 35.0 52.4

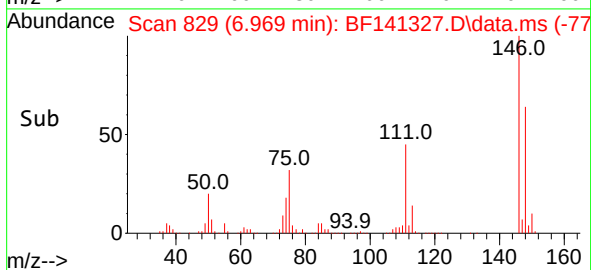
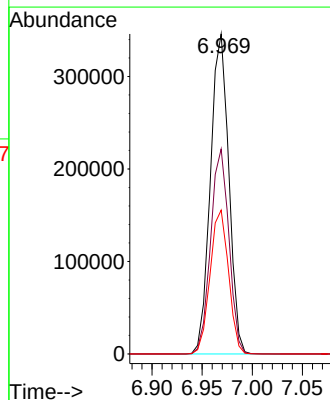
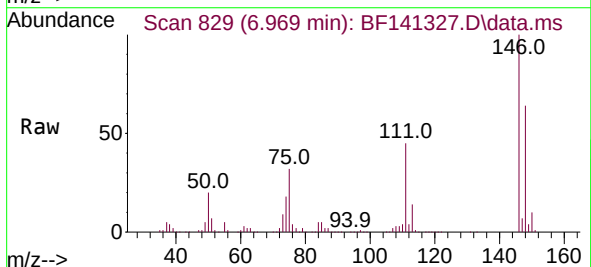
Manual Integrations
APPROVED

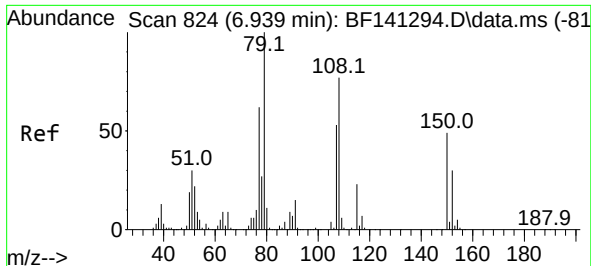
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 37.436 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

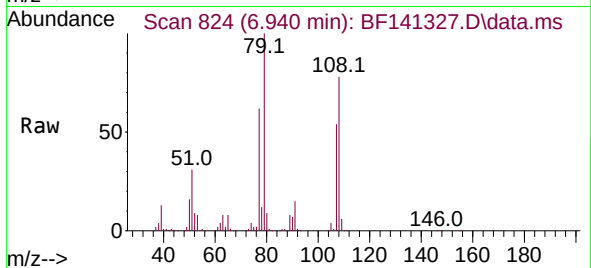
Tgt Ion:146 Resp: 441372
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 45.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 41.508 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

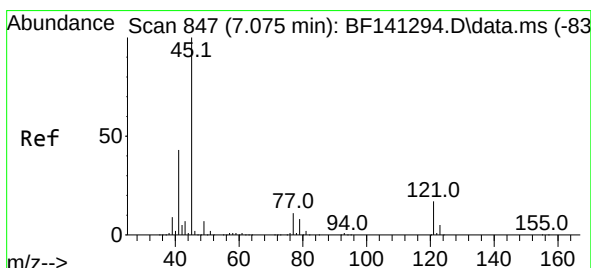
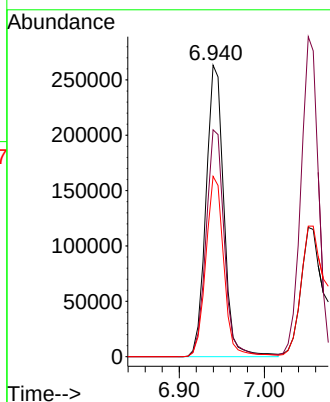
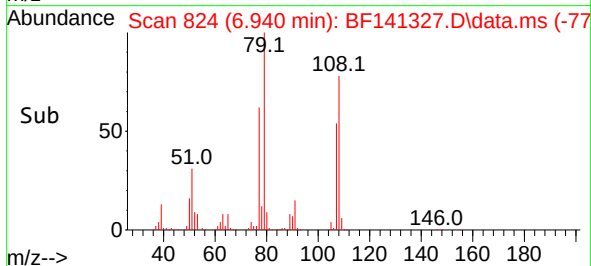
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



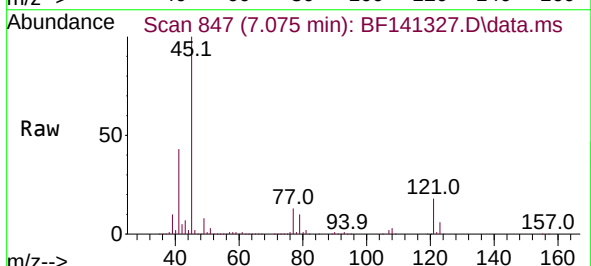
Tgt Ion: 79 Resp: 382700
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 61.8 49.9 74.9

Manual Integrations
APPROVED

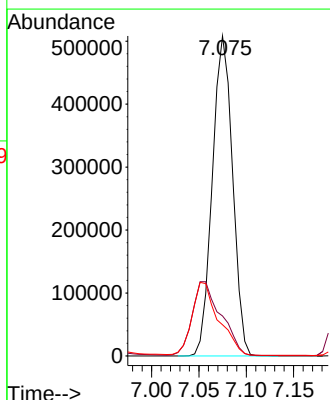
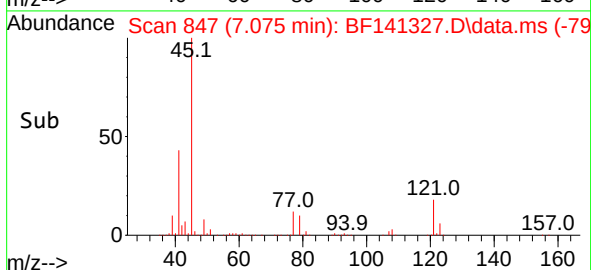
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

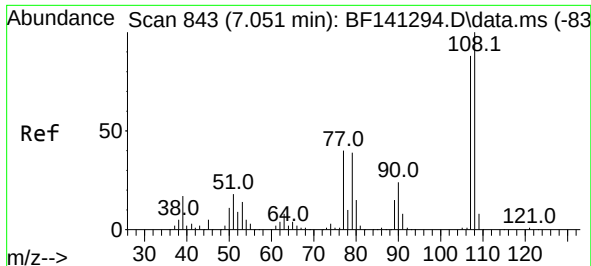


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.610 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



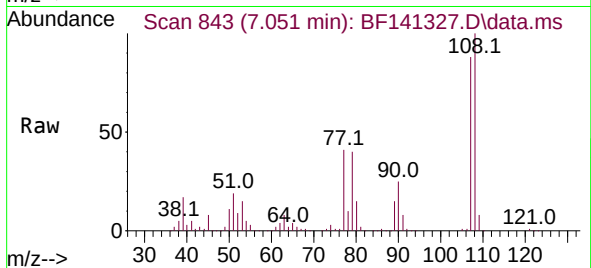
Tgt Ion: 45 Resp: 755292
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.8
79 9.7 0.0 29.1





#17
2-Methylphenol
Concen: 39.714 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

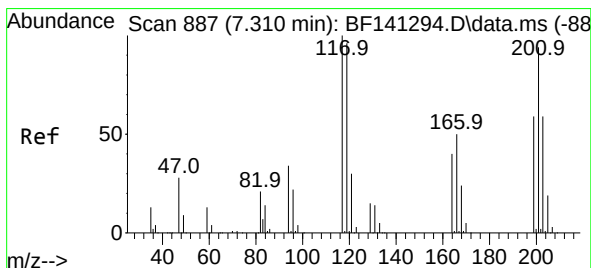
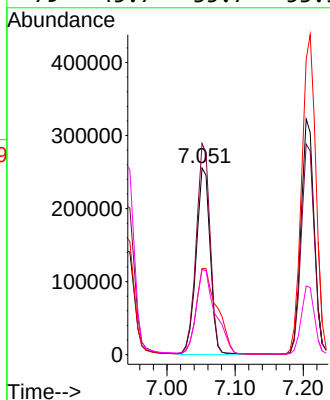
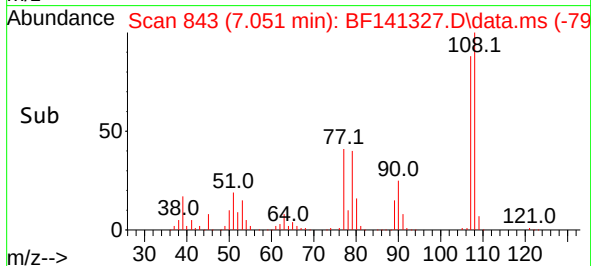
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



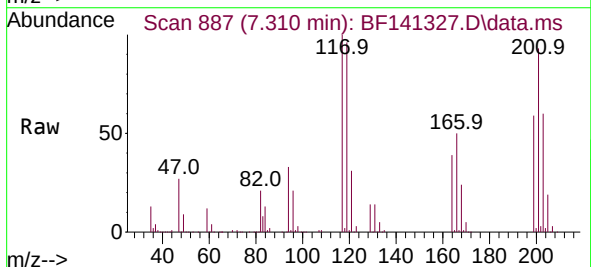
Tgt Ion:107 Resp: 366895
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 46.2 36.2 54.4
79 45.7 35.7 53.5

Manual Integrations
APPROVED

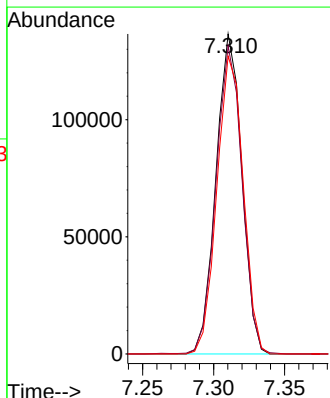
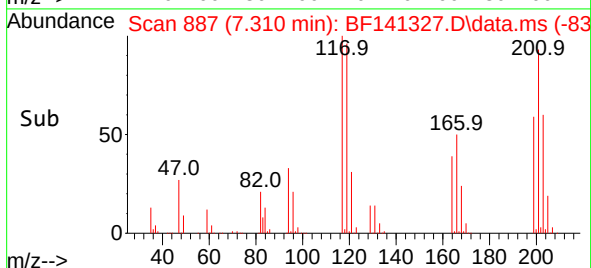
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

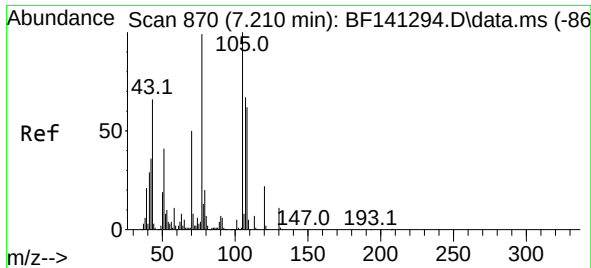


#18
Hexachloroethane
Concen: 37.209 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



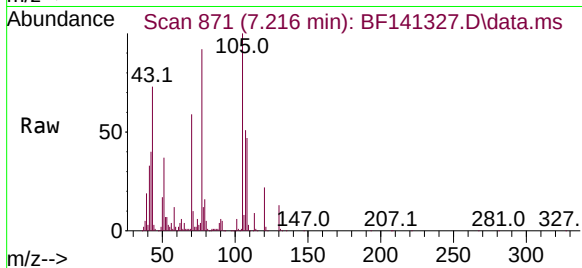
Tgt Ion:117 Resp: 172836
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 93.1 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

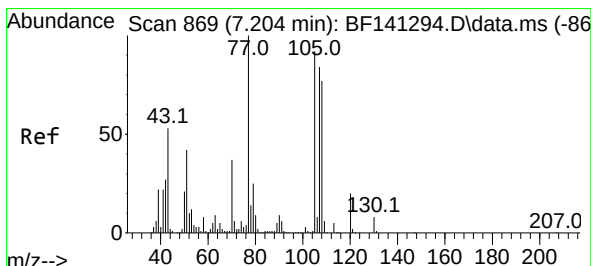
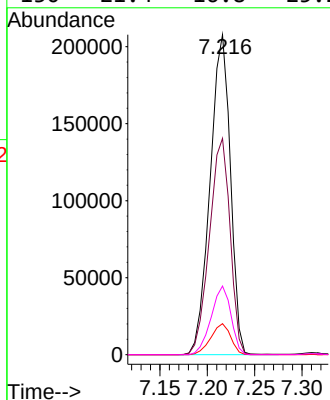
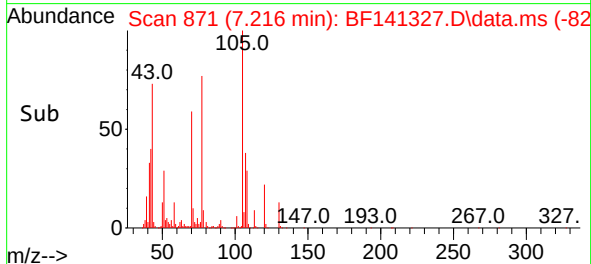
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



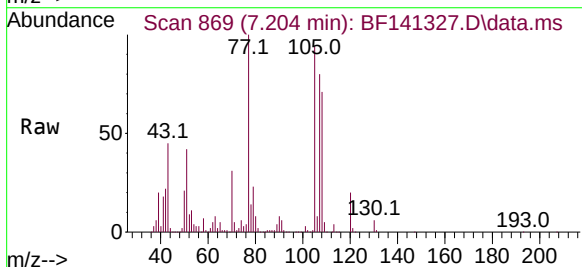
Tgt Ion: 70 Resp: 309040
Ion Ratio Lower Upper
70 100
42 67.6 56.8 85.2
101 9.7 7.7 11.5
130 21.4 16.8 25.2

Manual Integrations
APPROVED

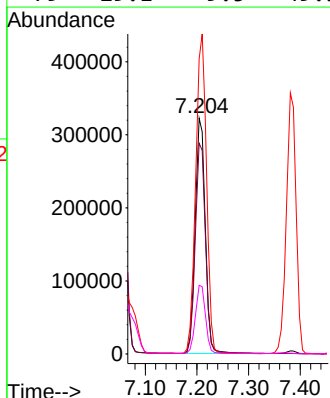
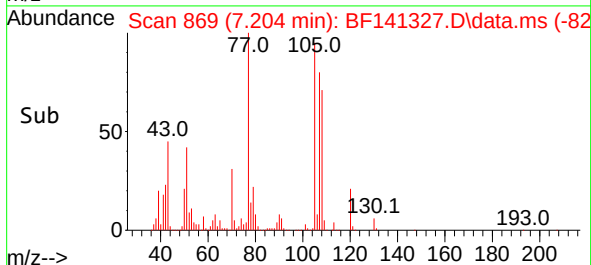
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

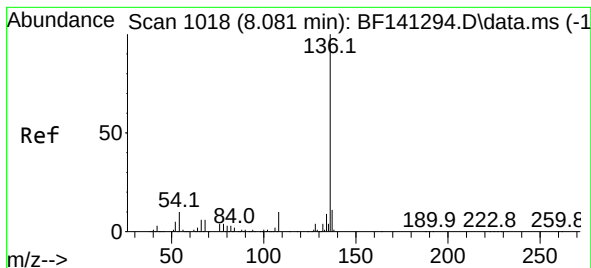


#20
3+4-Methylphenols
Concen: 38.480 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



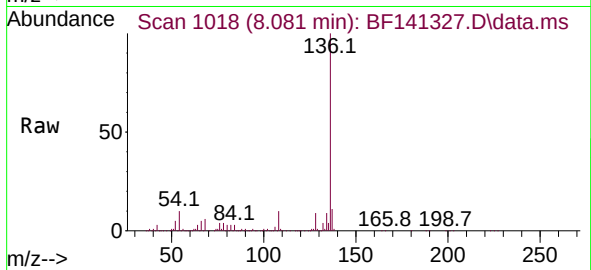
Tgt Ion:107 Resp: 436495
Ion Ratio Lower Upper
107 100
108 89.4 70.9 110.9
77 125.3 98.5 138.5
79 29.1 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

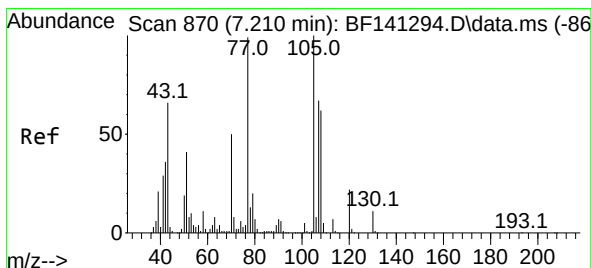
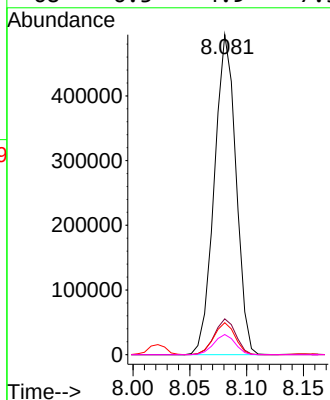
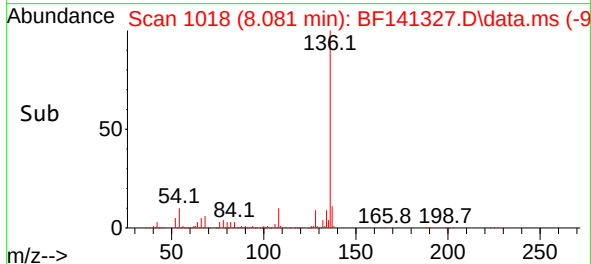
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



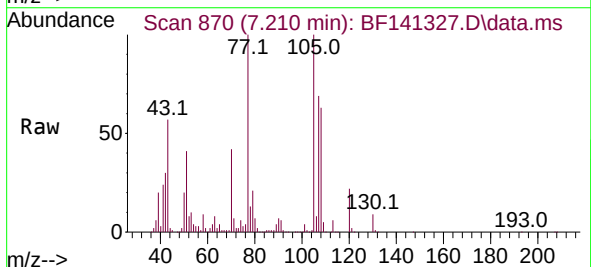
Tgt Ion:	136	Resp:	65626
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	10.0	7.8	11.8
68	6.3	4.9	7.3

Manual Integrations
APPROVED

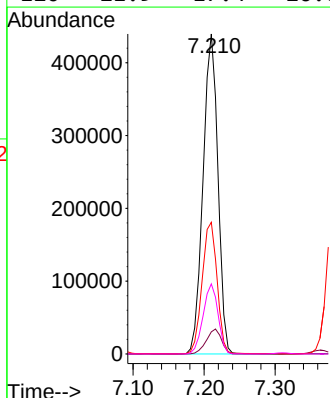
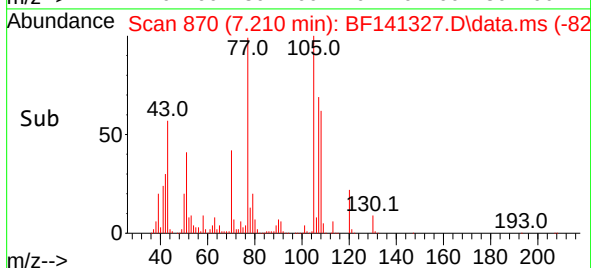
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

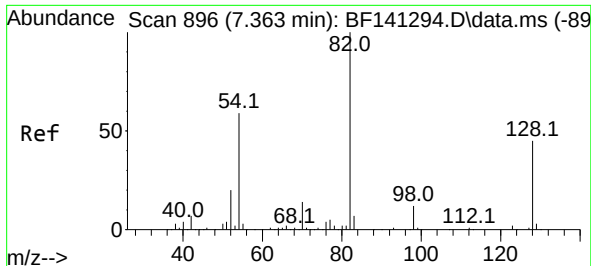


#22
Acetophenone
Concen: 41.066 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:	105	Resp:	640608
Ion Ratio	Lower	Upper	
105	100		
71	6.9	6.8	10.2
51	41.1	32.6	49.0
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 82.115 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion: 82 Resp: 102224

Ion Ratio Lower Upper

82 100

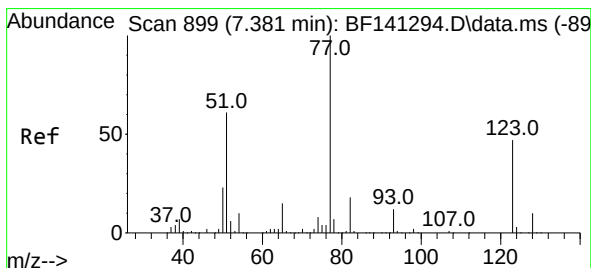
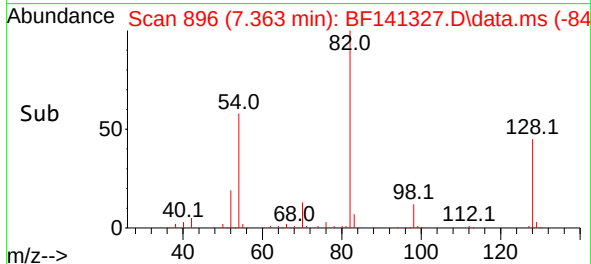
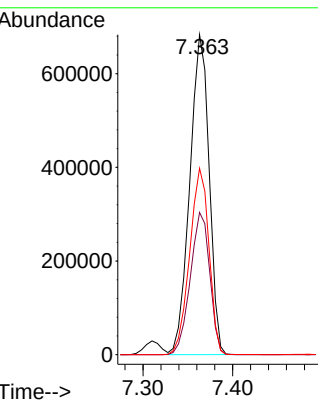
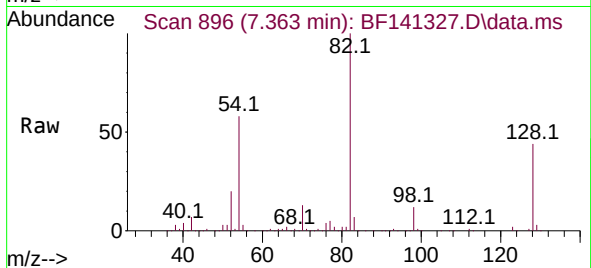
128 44.5 35.7 53.5

54 58.3 47.1 70.7

Manual Integrations

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



#24

Nitrobenzene

Concen: 36.164 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

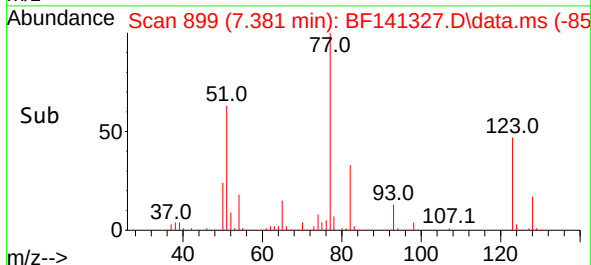
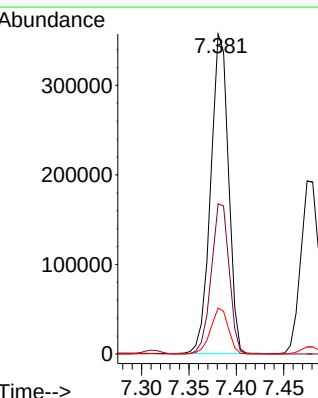
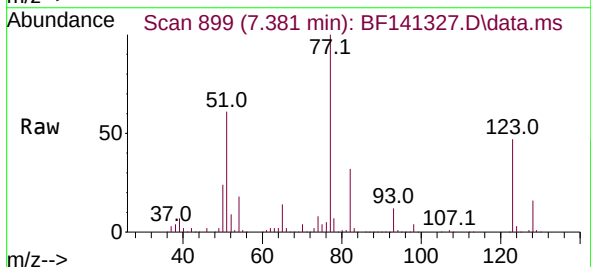
Tgt Ion: 77 Resp: 466546

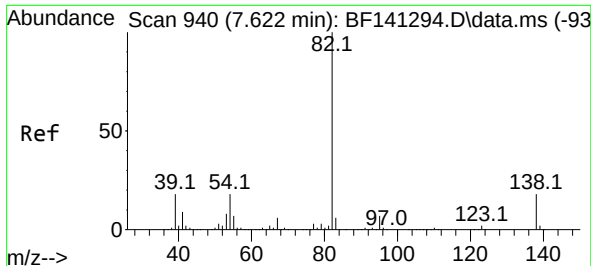
Ion Ratio Lower Upper

77 100

123 46.9 37.3 55.9

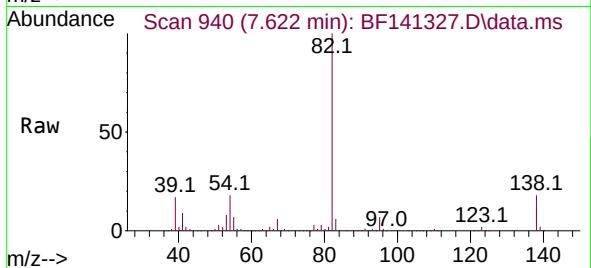
65 14.4 11.8 17.6





#25
Isophorone
Concen: 39.599 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

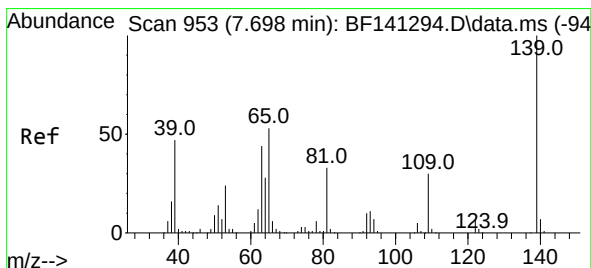
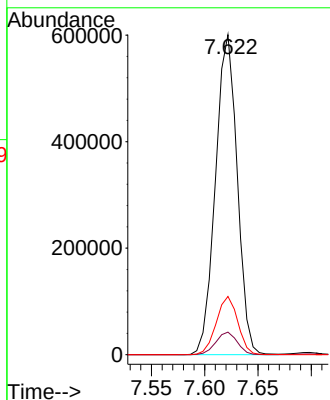
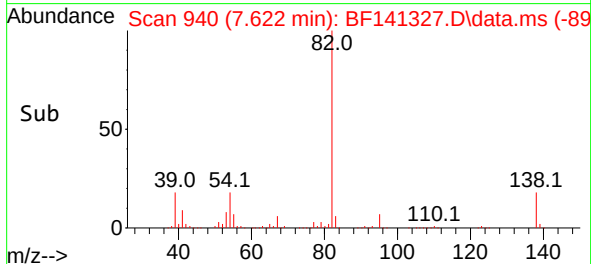
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



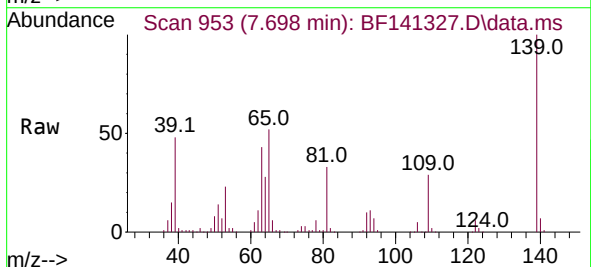
Tgt Ion: 82 Resp: 852148
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.2 14.7 22.1

Manual Integrations
APPROVED

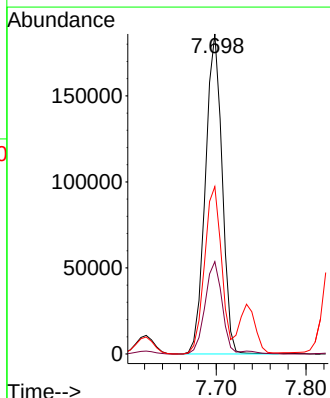
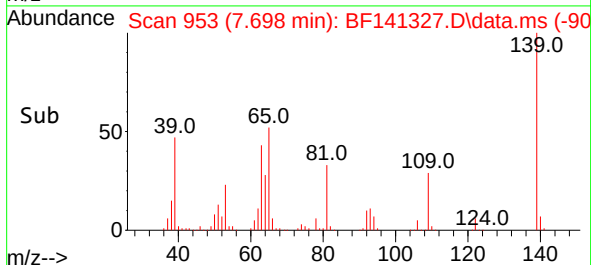
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

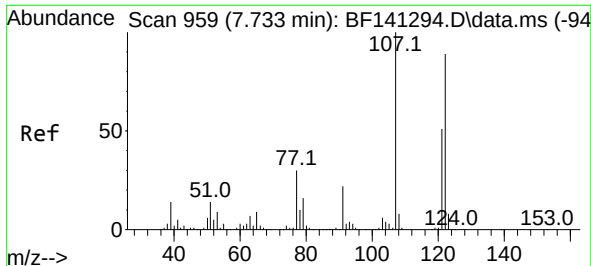


#26
2-Nitrophenol
Concen: 39.606 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:139 Resp: 240977
Ion Ratio Lower Upper
139 100
109 28.9 23.8 35.6
65 52.3 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.446 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141327.D

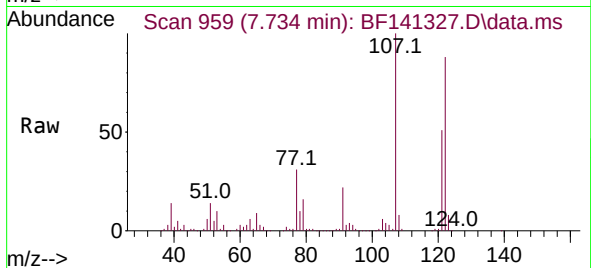
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD



Tgt Ion:122 Resp: 382924

Ion Ratio Lower Upper

122 100

107 113.3 89.9 134.9

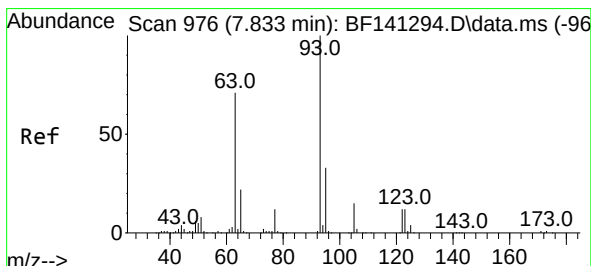
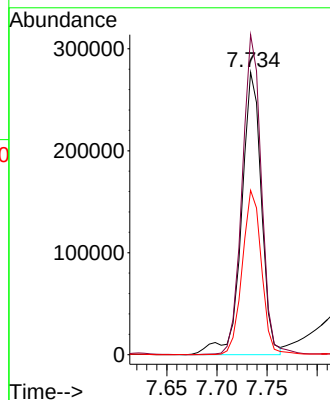
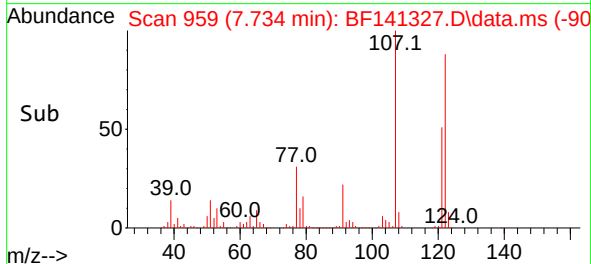
121 58.2 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.285 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

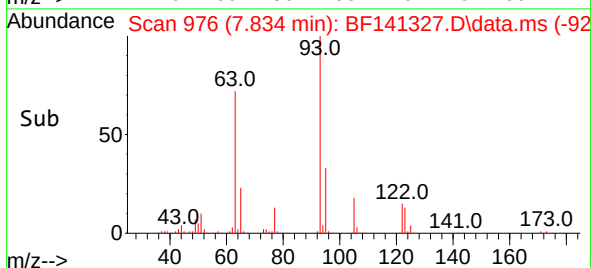
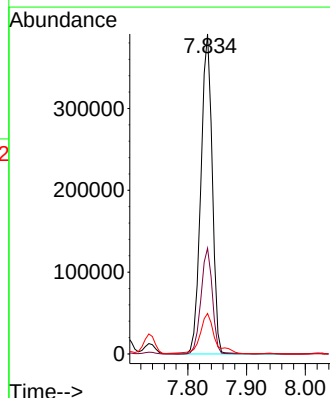
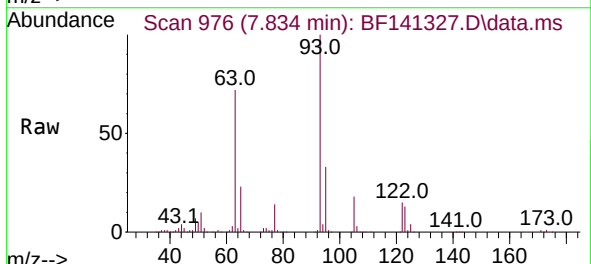
Tgt Ion: 93 Resp: 525514

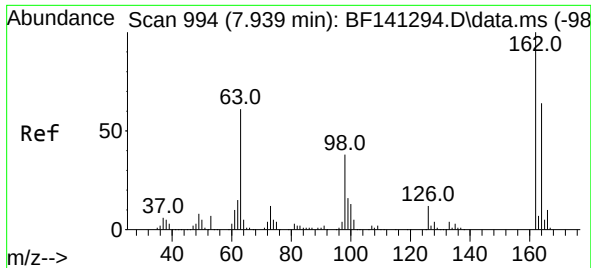
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.606 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141327.D

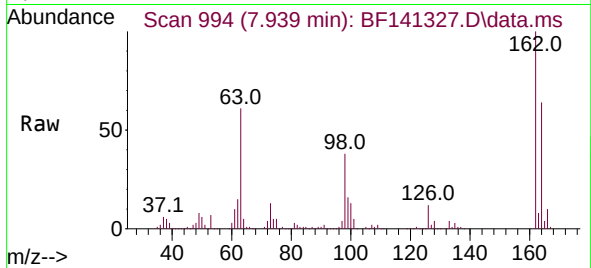
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

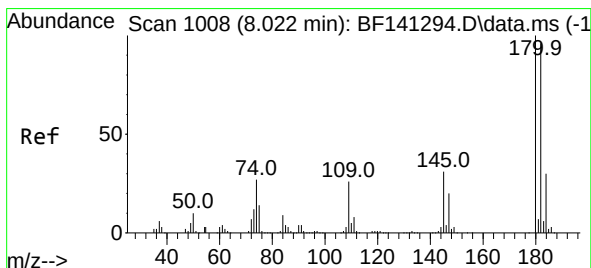
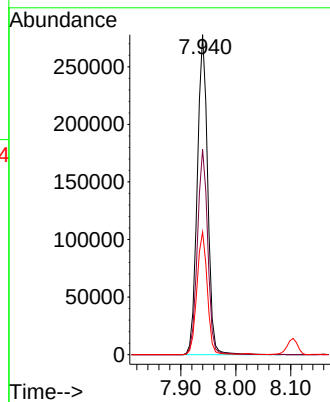
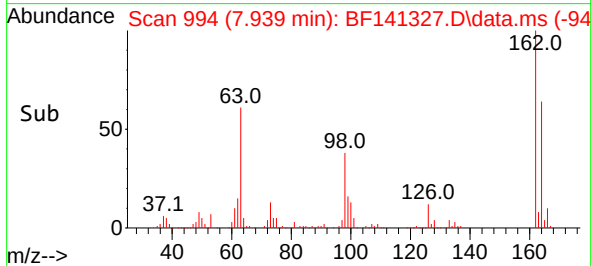


Tgt Ion:162	Resp: 366010
Ion Ratio	Lower Upper
162	100
164	64.2 44.2 84.2
98	38.4 18.2 58.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 35.320 ng

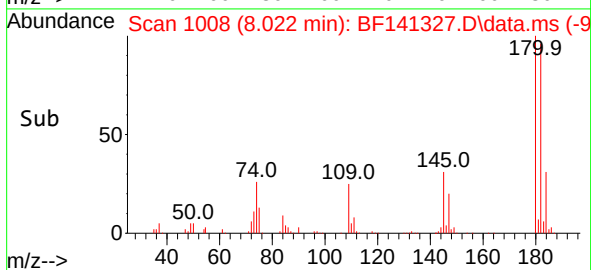
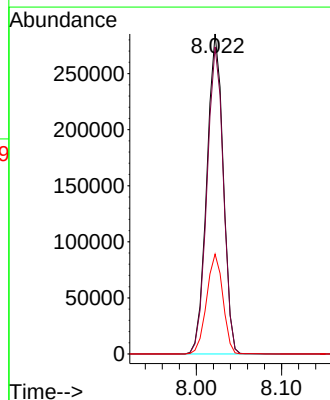
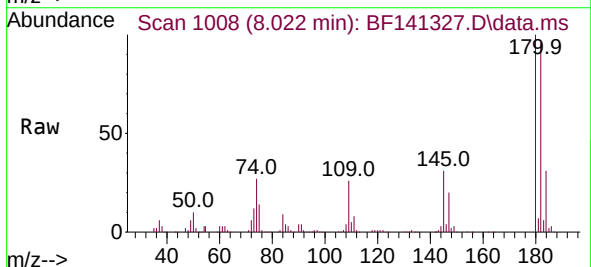
RT: 8.022 min Scan# 1008

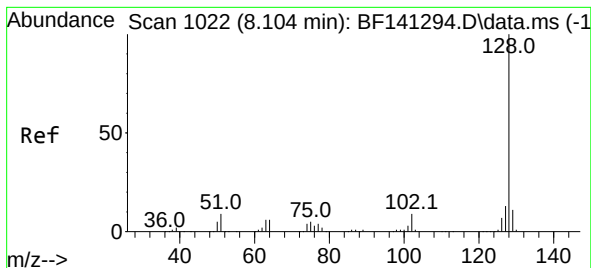
Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:180	Resp: 382419
Ion Ratio	Lower Upper
180	100
182	95.9 76.4 114.6
145	31.2 24.9 37.3





#31

Naphthalene

Concen: 36.317 ng

RT: 8.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion:128 Resp: 125908

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

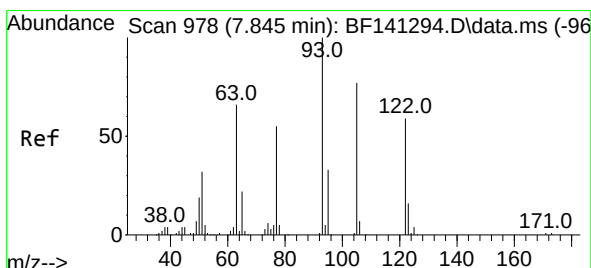
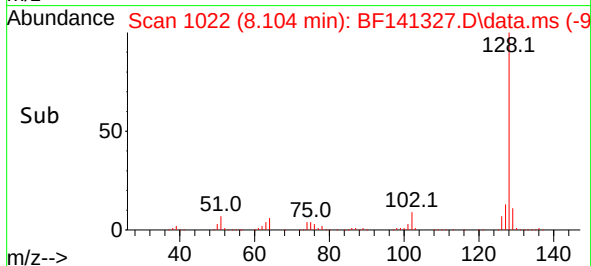
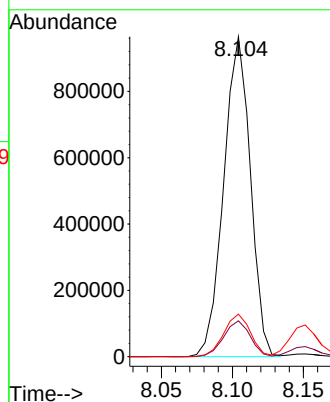
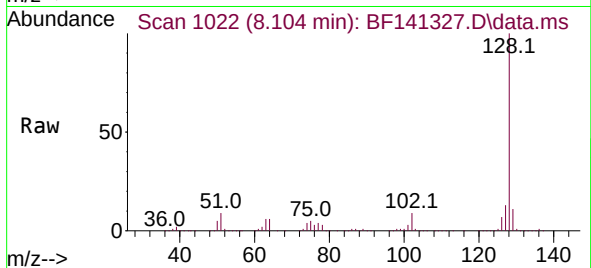
127 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#32

Benzoic acid

Concen: 45.786 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.018 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

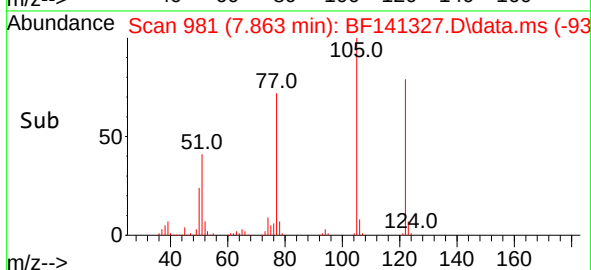
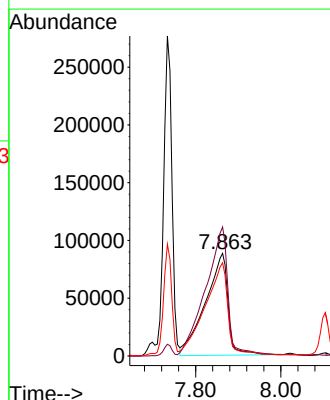
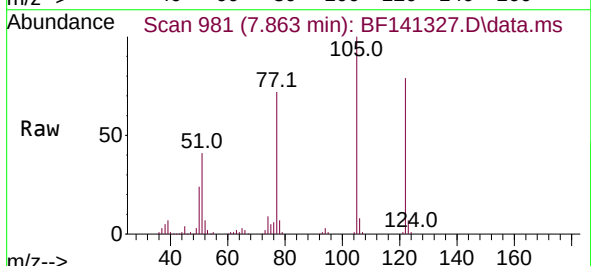
Tgt Ion:122 Resp: 325960

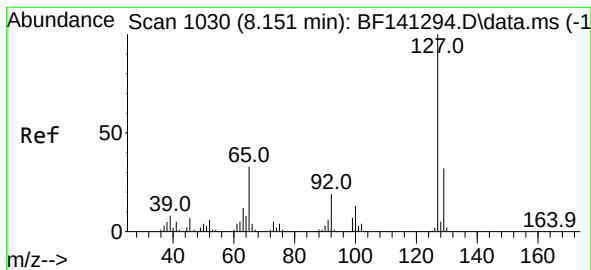
Ion Ratio Lower Upper

122 100

105 125.9 103.4 143.4

77 90.9 70.9 110.9





#33
4-Chloroaniline
Concen: 12.530 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

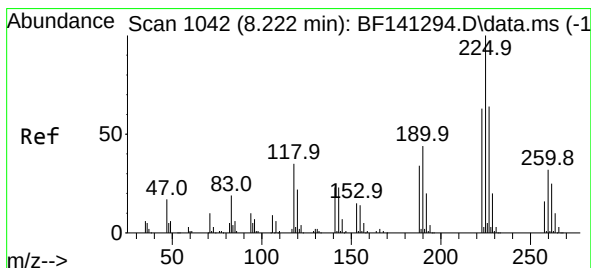
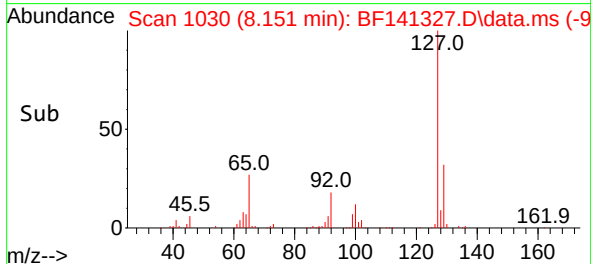
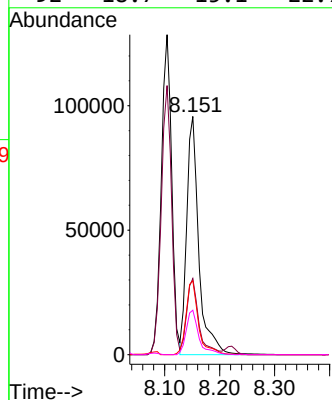
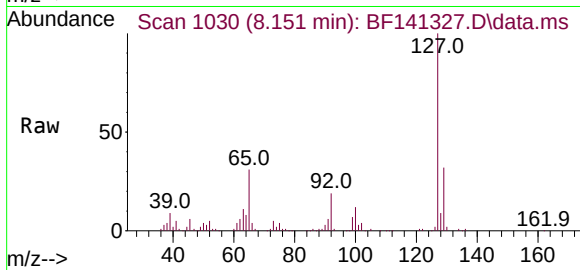
Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:127 Resp: 147310

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.0	26.4	39.6
92	18.7	15.1	22.7

Manual Integrations
APPROVED

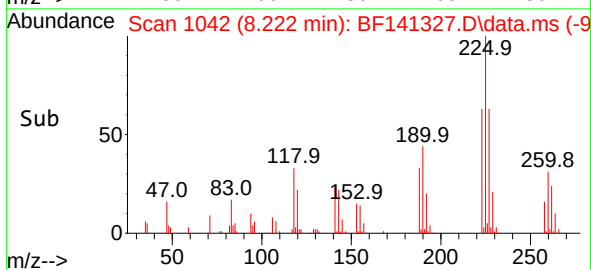
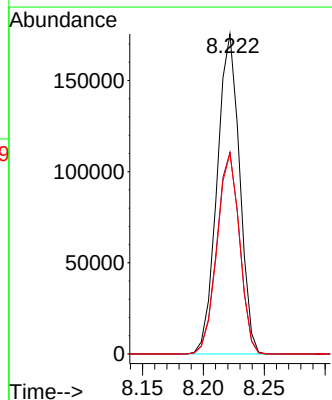
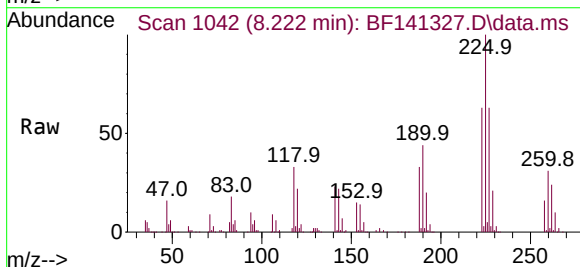
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

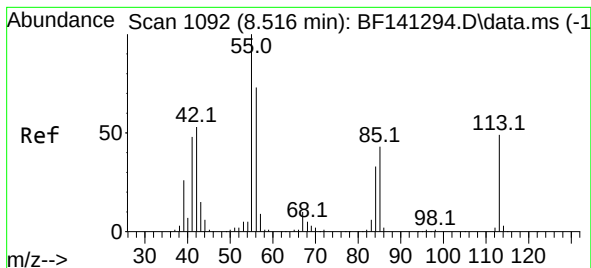


#34
Hexachlorobutadiene
Concen: 35.540 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:225 Resp: 225660

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	62.6	51.3	76.9





#35

Caprolactam

Concen: 44.712 ng m

RT: 8.522 min Scan# 1093

Delta R.T. -0.024 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion:113 Resp: 13844

Ion Ratio Lower Upper

113 100

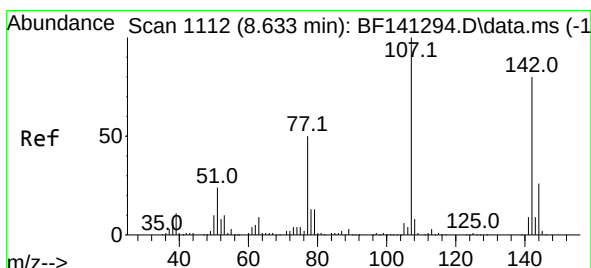
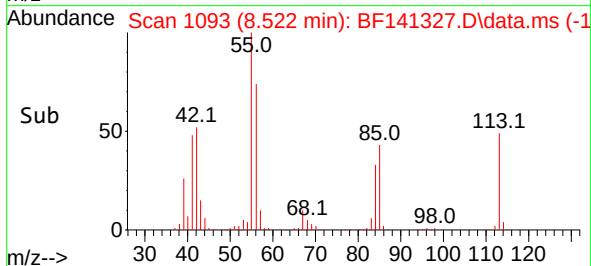
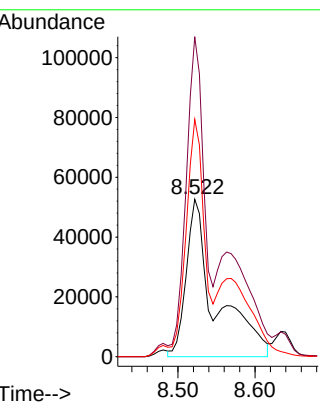
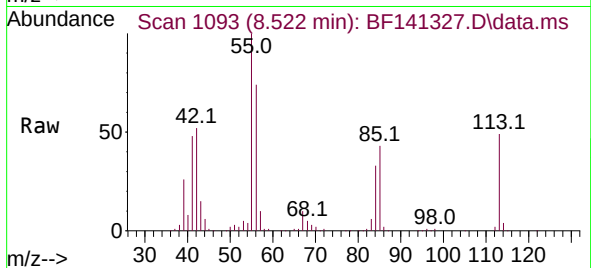
55 203.1 182.9 222.9

56 150.7 127.9 167.9

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 40.122 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

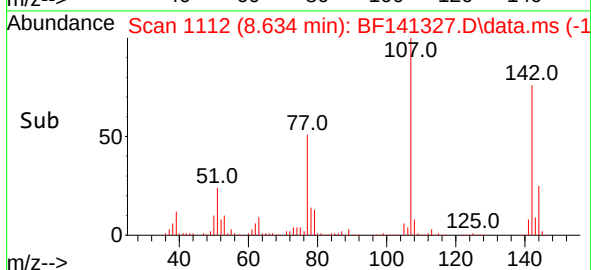
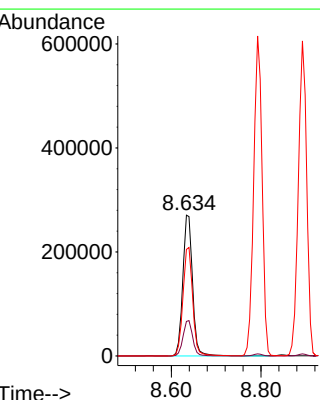
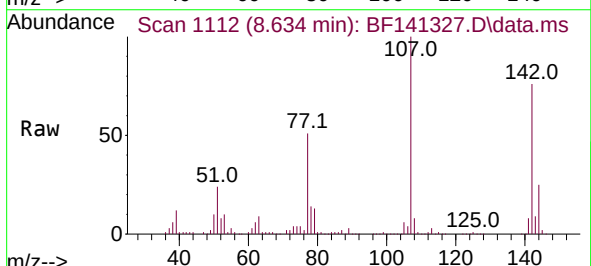
Tgt Ion:107 Resp: 408024

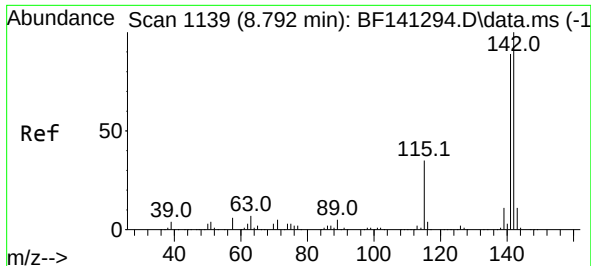
Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

142 75.6 63.8 95.8





#37

2-Methylnaphthalene

Concen: 36.296 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion:142 Resp: 799792

Ion Ratio Lower Upper

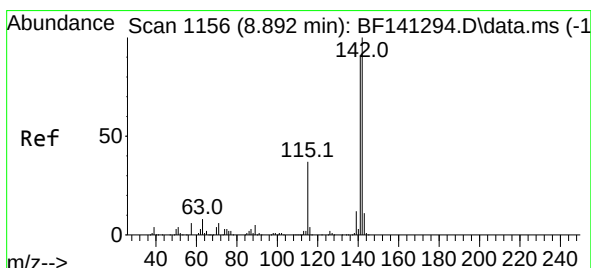
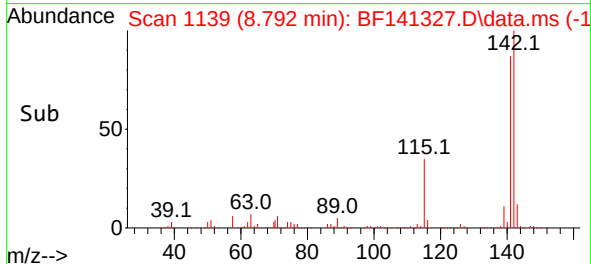
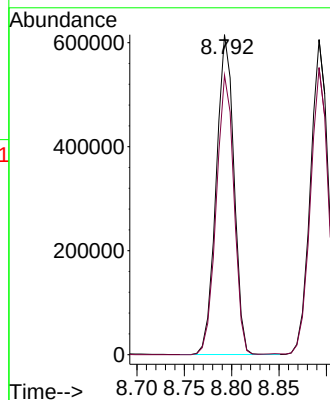
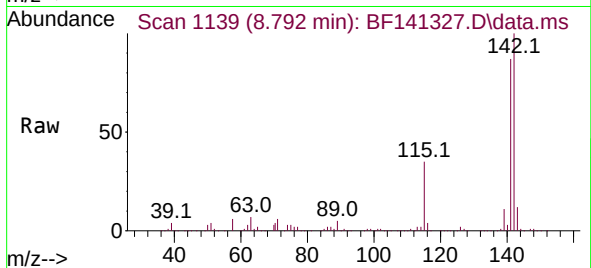
142 100

141 87.4 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: 36.204 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141327.D

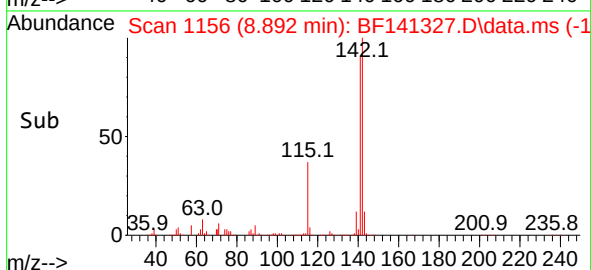
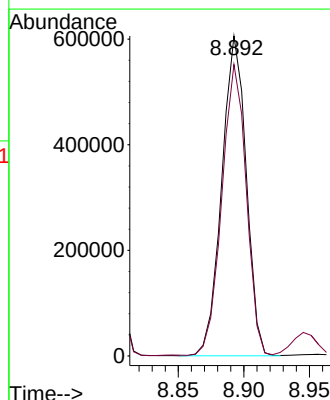
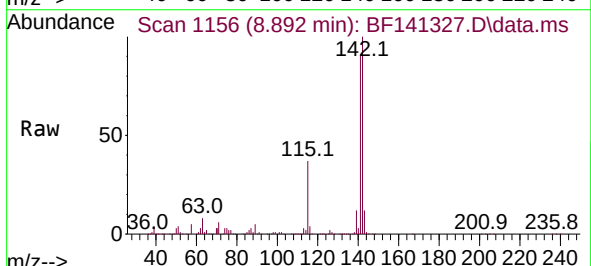
Acq: 31 Jan 2025 12:54

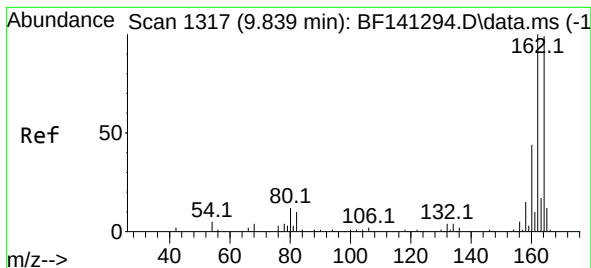
Tgt Ion:142 Resp: 783637

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141327.D

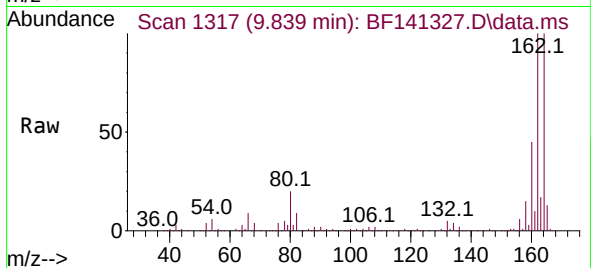
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD



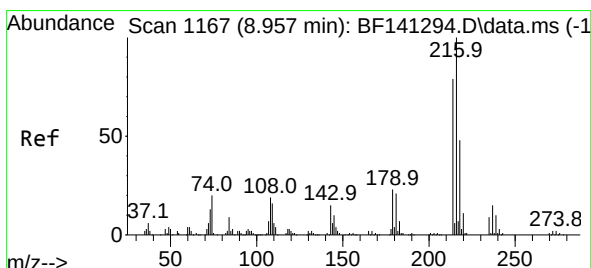
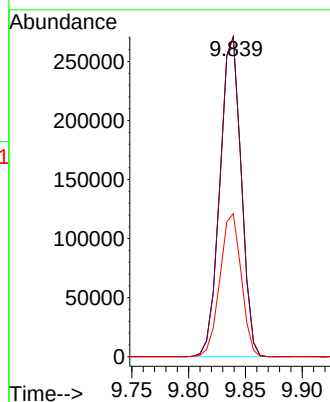
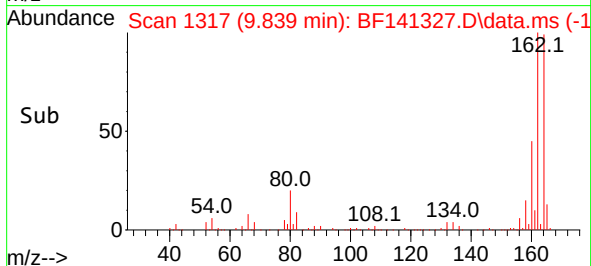
Tgt Ion:164 Resp: 352985

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.7	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

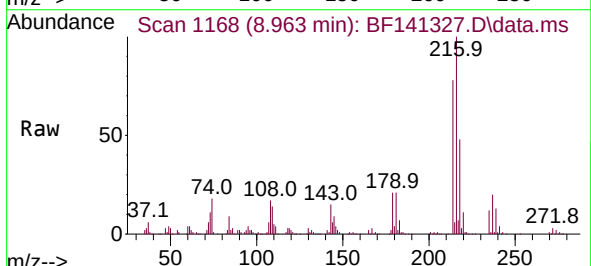
Concen: 40.631 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

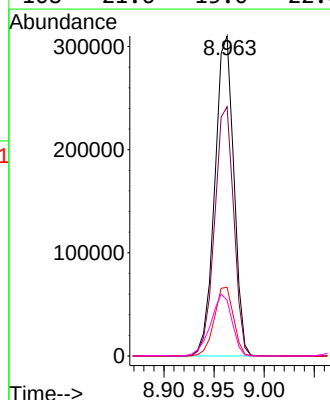
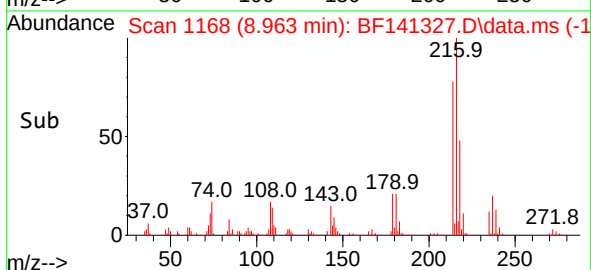
Lab File: BF141327.D

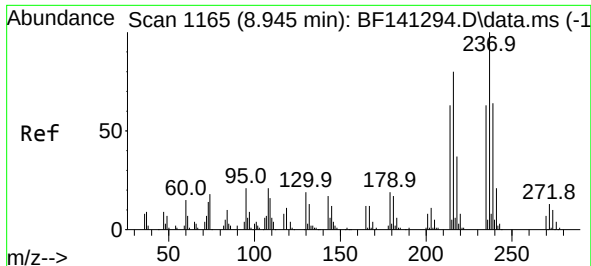
Acq: 31 Jan 2025 12:54



Tgt Ion:216 Resp: 408014

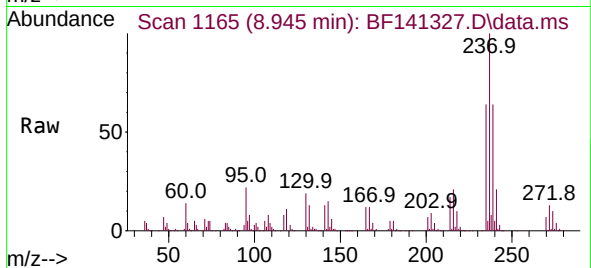
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	21.8	17.8	26.8
108	21.6	15.0	22.6





#41
Hexachlorocyclopentadiene
Concen: 157.562 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

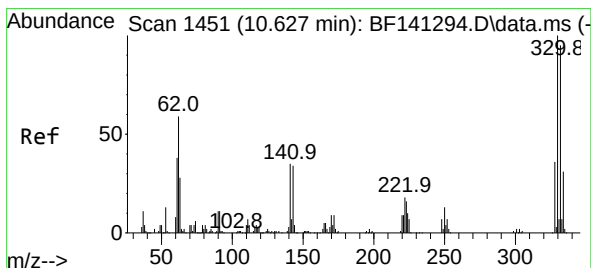
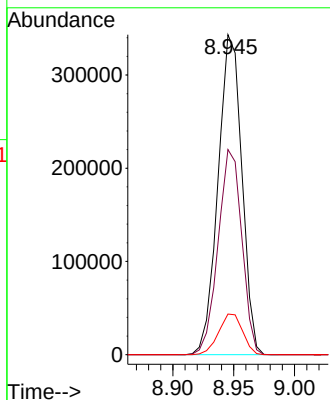
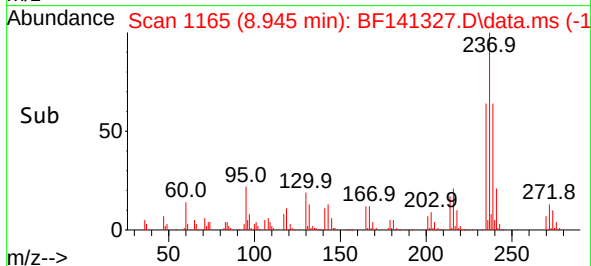
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



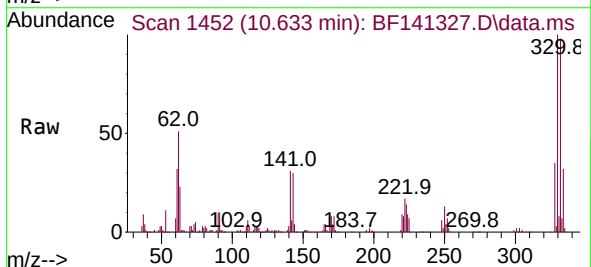
Tgt Ion:237 Resp: 467280
Ion Ratio Lower Upper
237 100
235 64.1 42.9 82.9
272 12.7 0.0 32.8

Manual Integrations
APPROVED

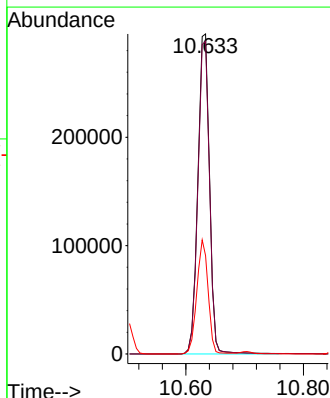
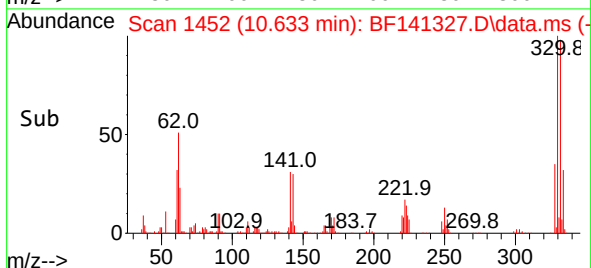
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

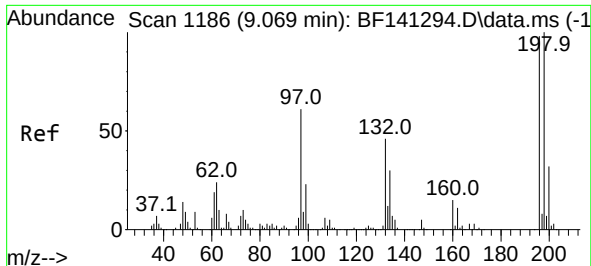


#42
2,4,6-Tribromophenol
Concen: 125.813 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



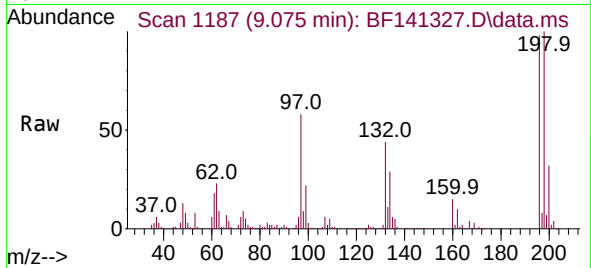
Tgt Ion:330 Resp: 407137
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 34.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.568 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

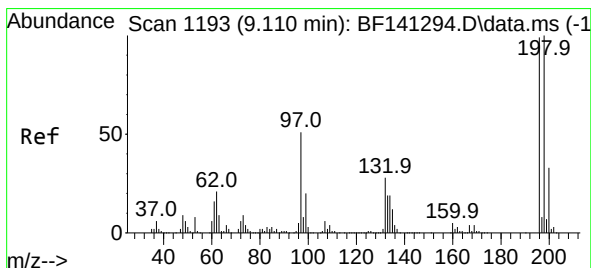
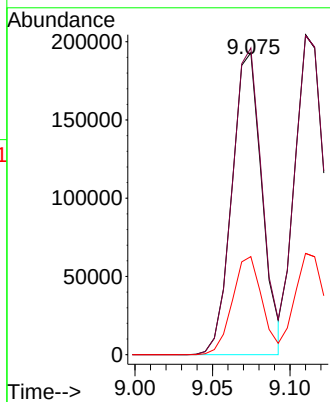
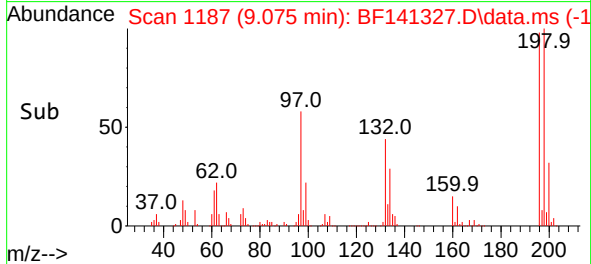
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



Tgt Ion:196 Resp: 26007
Ion Ratio Lower Upper
196 100
198 101.6 81.8 122.6
200 32.5 26.3 39.5

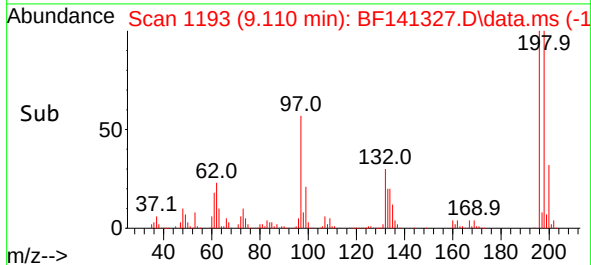
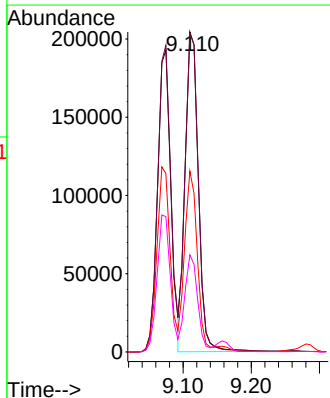
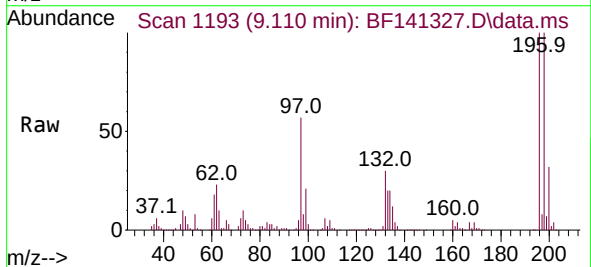
Manual Integrations
APPROVED

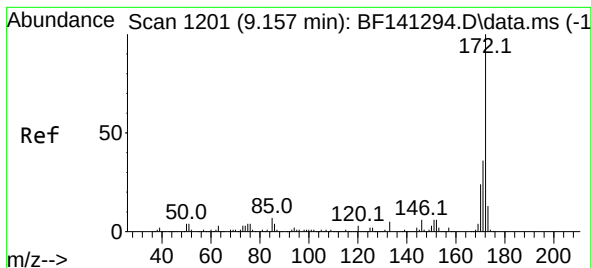
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#44
2,4,5-Trichlorophenol
Concen: 38.364 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

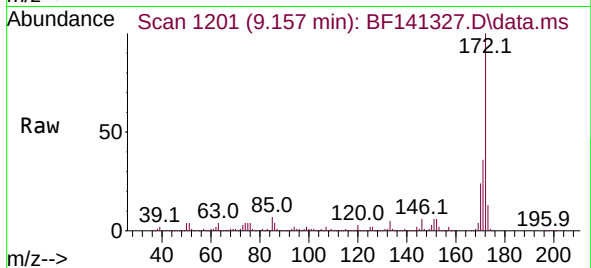
Tgt Ion:196 Resp: 274449
Ion Ratio Lower Upper
196 100
198 99.7 80.5 120.7
97 56.6 42.8 64.2
132 30.4 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 77.813 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

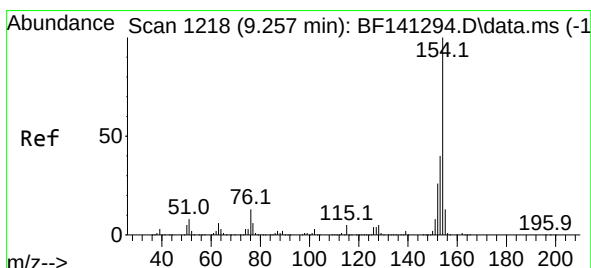
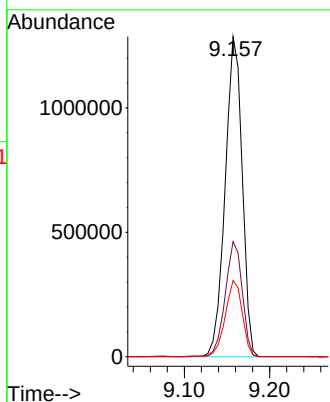
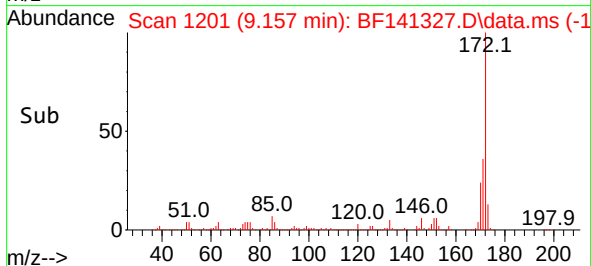
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



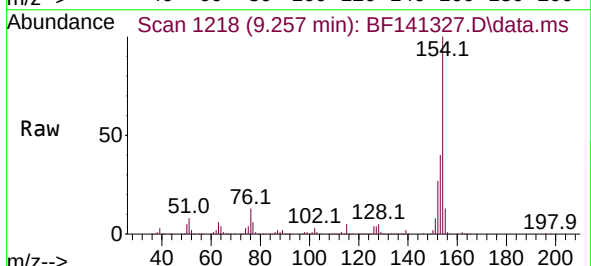
Tgt Ion:172 Resp: 1784508
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.0 28.6

Manual Integrations
APPROVED

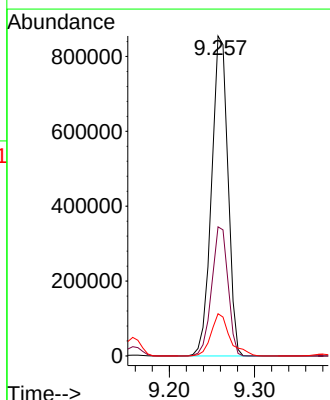
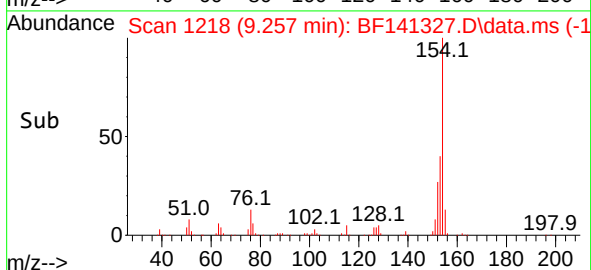
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

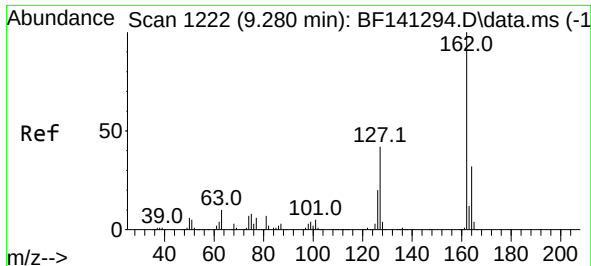


#46
1,1'-Biphenyl
Concen: 41.346 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



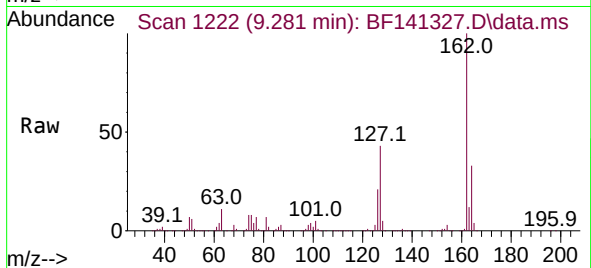
Tgt Ion:154 Resp: 1138200
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 13.2 0.0 32.8





#47
2-Chloronaphthalene
Concen: 35.862 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

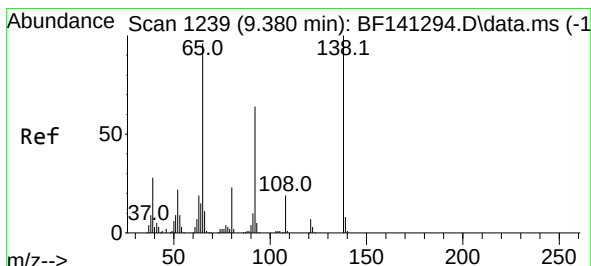
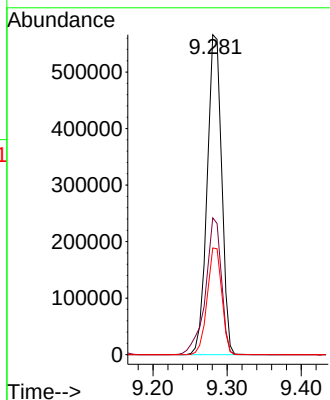
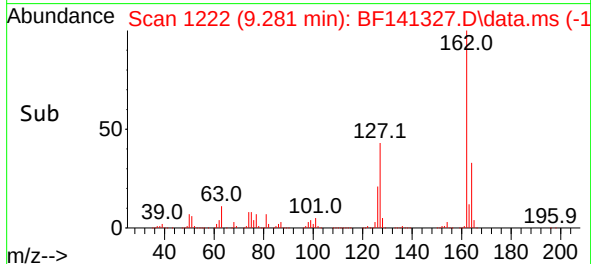
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



Tgt Ion:162 Resp: 769480
Ion Ratio Lower Upper
162 100
127 42.7 33.7 50.5
164 33.4 25.9 38.9

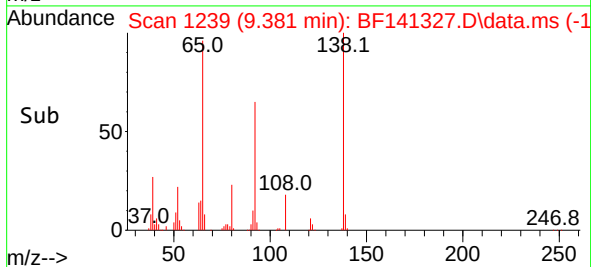
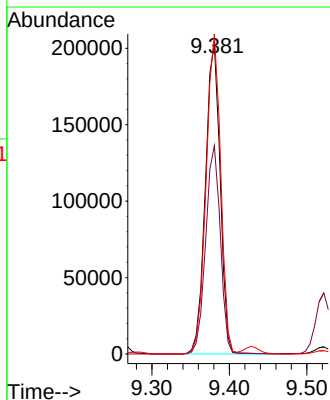
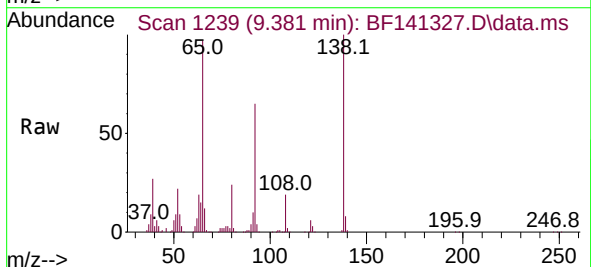
Manual Integrations
APPROVED

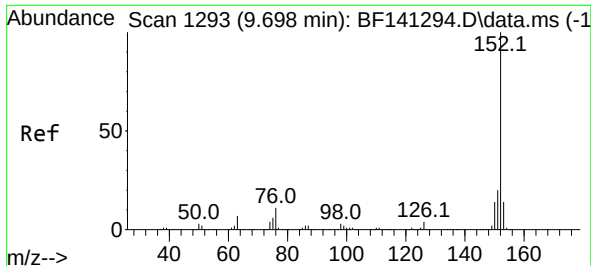
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 39.846 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

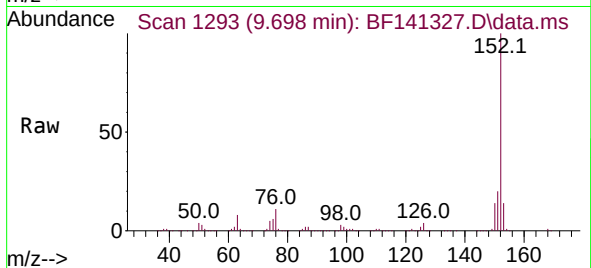
Tgt Ion: 65 Resp: 268925
Ion Ratio Lower Upper
65 100
92 67.3 53.3 79.9
138 103.3 83.6 125.4





#49
Acenaphthylene
Concen: 40.342 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

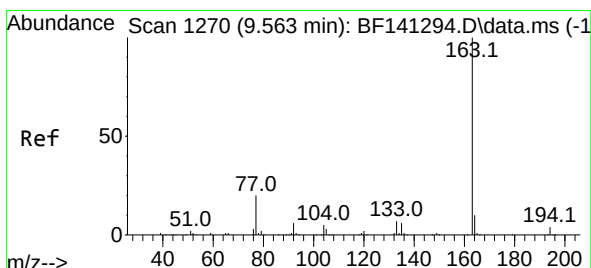
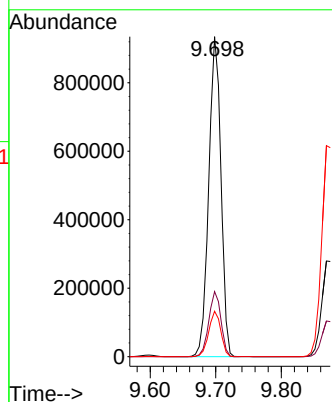
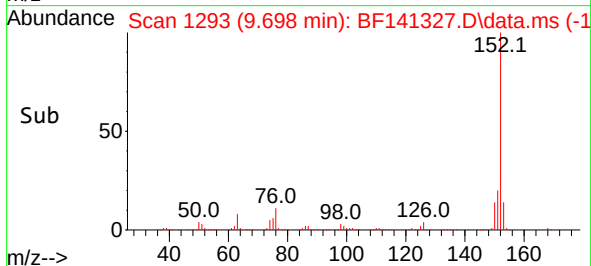
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



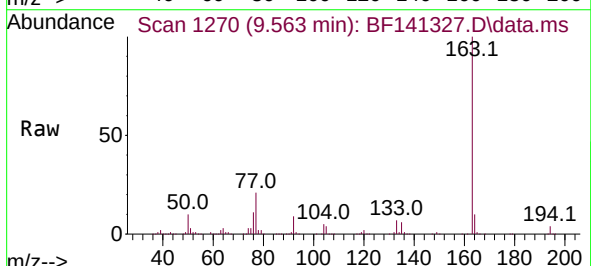
Tgt Ion:152 Resp: 121171
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.2 11.0 16.6

Manual Integrations
APPROVED

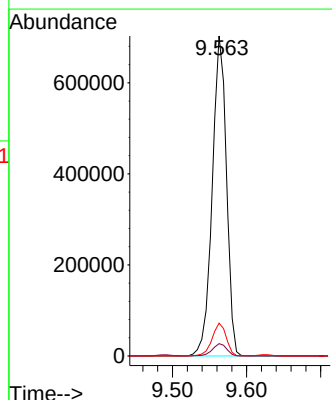
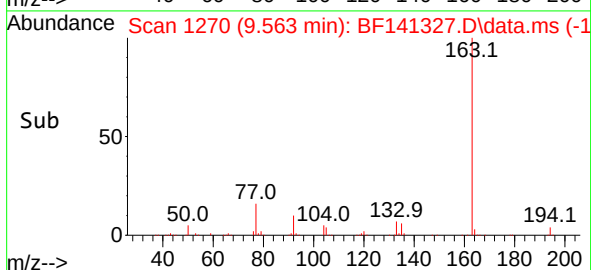
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

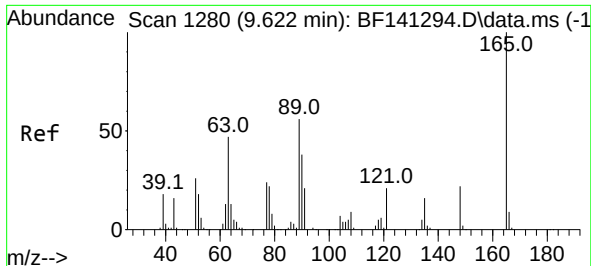


#50
Dimethylphthalate
Concen: 39.221 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



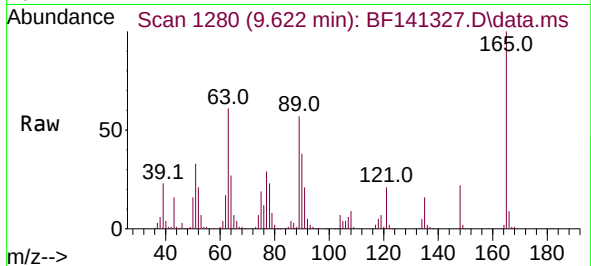
Tgt Ion:163 Resp: 935055
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 38.230 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

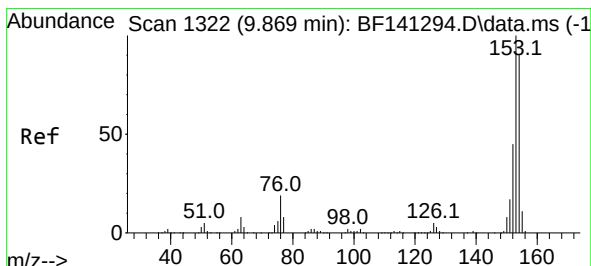
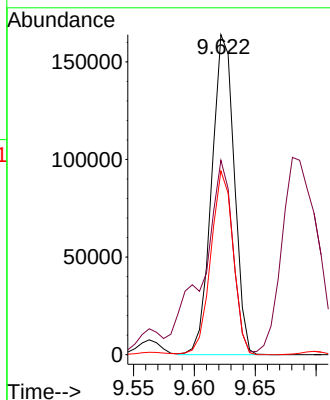
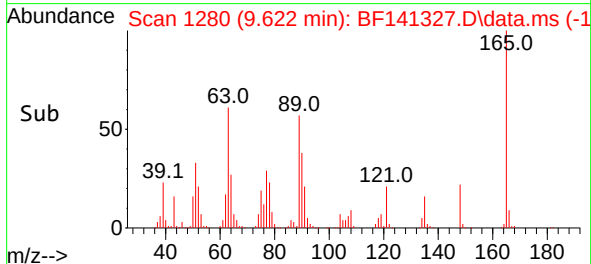
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



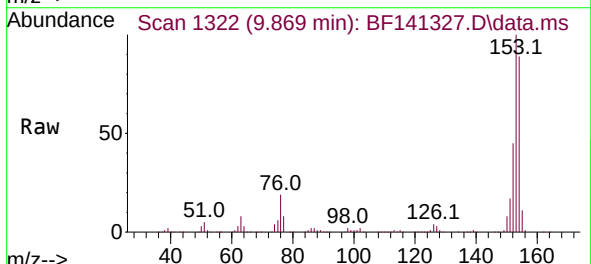
Tgt Ion:165 Resp: 21162
Ion Ratio Lower Upper
165 100
63 60.7 48.1 72.1
89 57.4 44.9 67.3

Manual Integrations
APPROVED

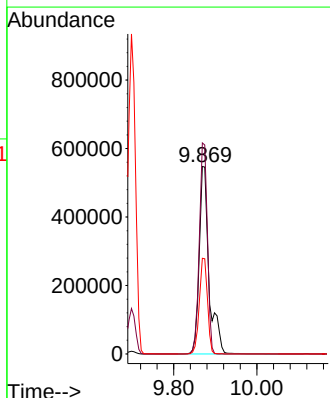
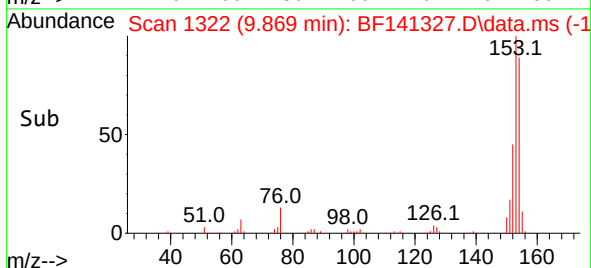
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

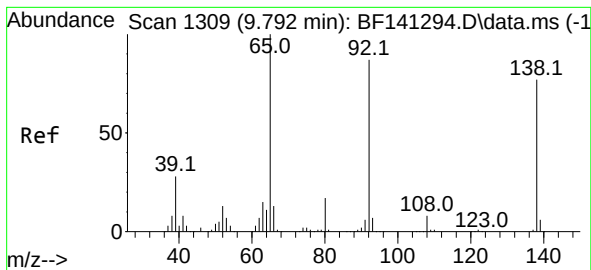


#52
Acenaphthene
Concen: 42.218 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:154 Resp: 905912
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 51.1 40.2 60.4





#53

3-Nitroaniline

Concen: 19.896 ng

RT: 9.792 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

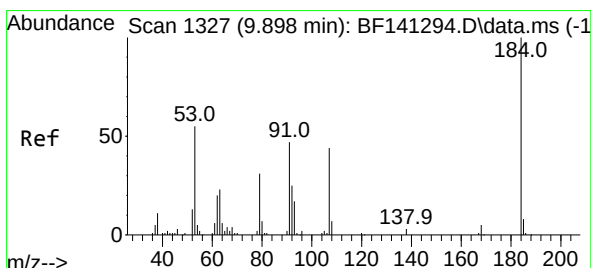
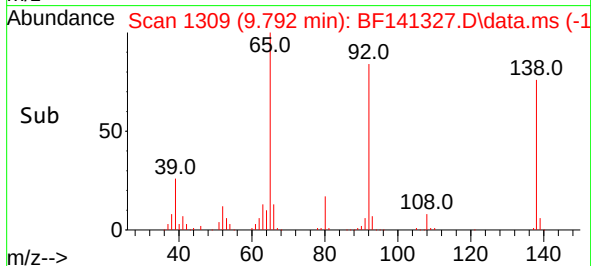
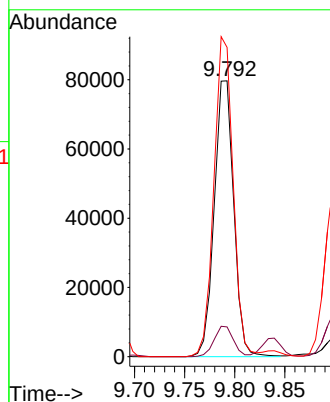
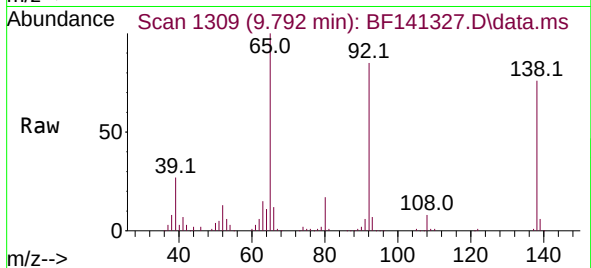
Tgt Ion:138 Resp: 10794

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	112.1	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: 98.257 ng

RT: 9.898 min Scan# 1327

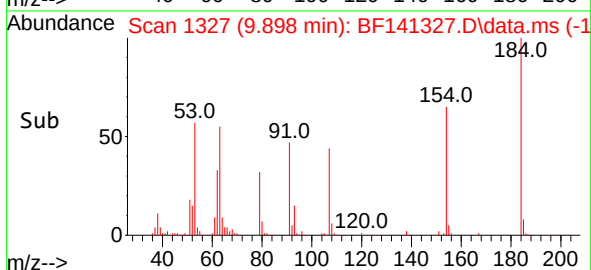
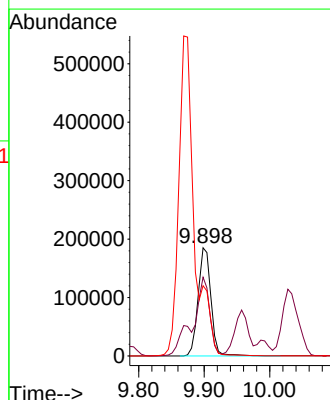
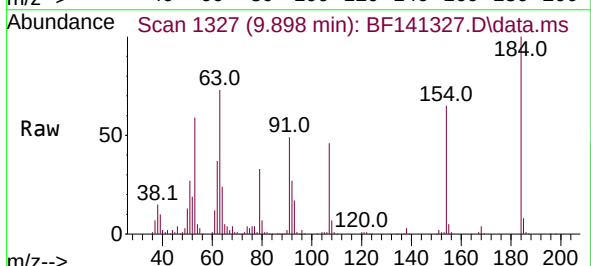
Delta R.T. -0.006 min

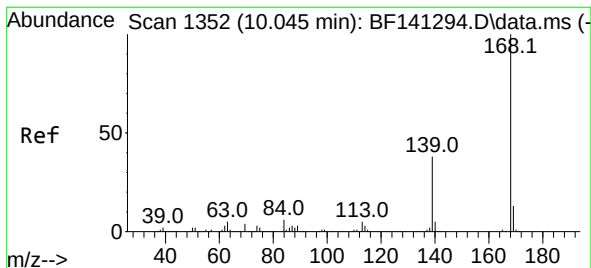
Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:184 Resp: 252834

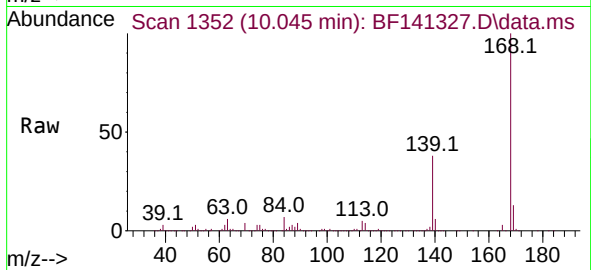
Ion	Ratio	Lower	Upper
184	100		
63	72.7	54.1	81.1
154	64.8	50.7	76.1





#55
Dibenzenofuran
Concen: 37.933 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

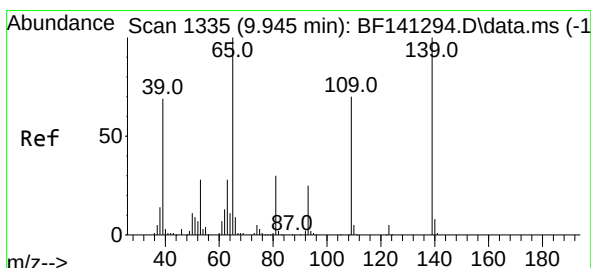
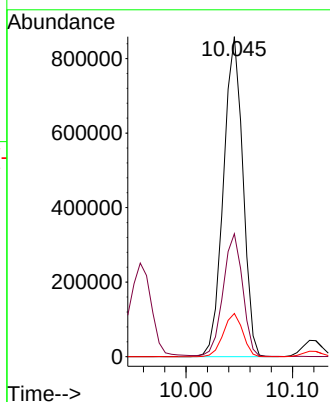
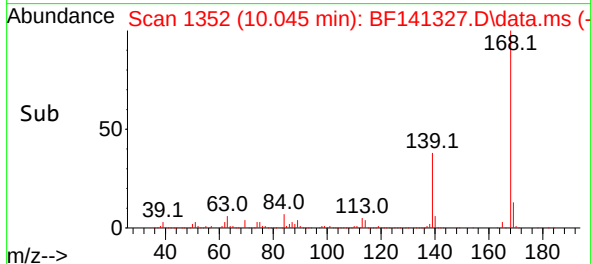
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



Tgt Ion:168 Resp: 108951
Ion Ratio Lower Upper
168 100
139 38.4 30.6 46.0
169 13.5 10.8 16.2

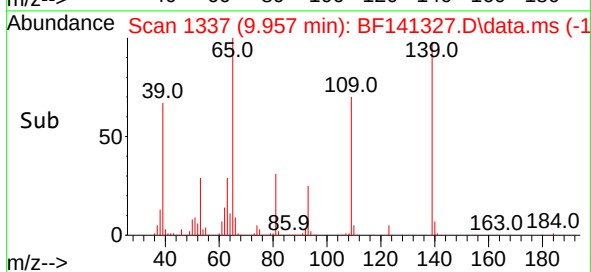
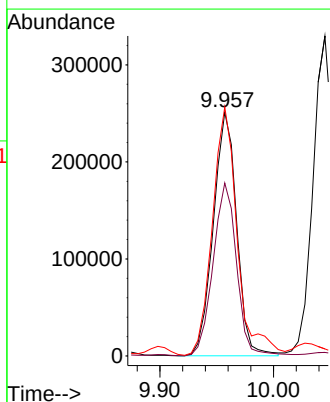
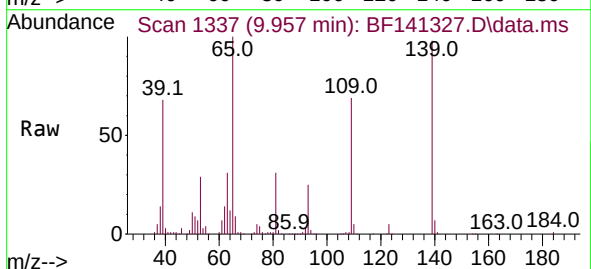
Manual Integrations
APPROVED

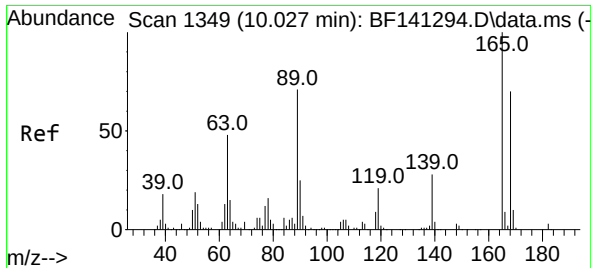
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 90.432 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 358814
Ion Ratio Lower Upper
139 100
109 70.9 50.2 90.2
65 102.1 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 39.808 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

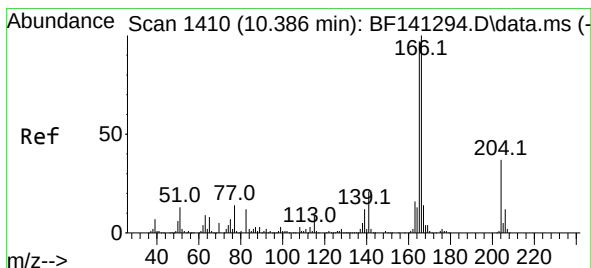
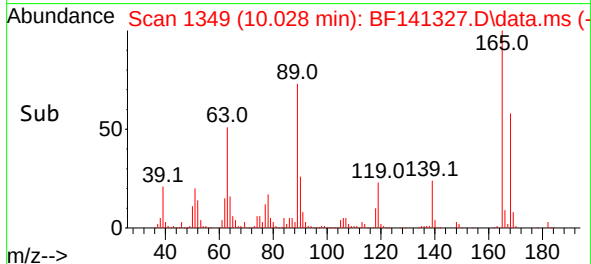
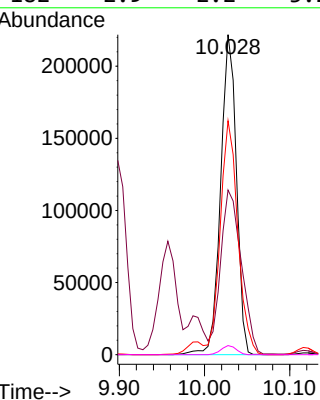
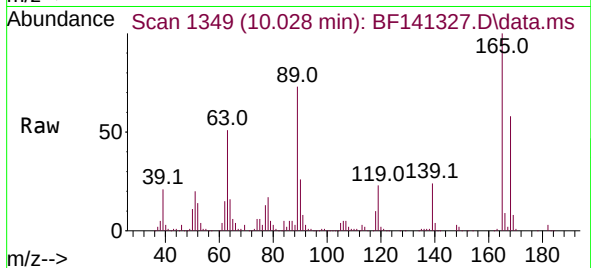
PB166363BSD

Tgt Ion:165 Resp: 28530
Ion Ratio Lower Upper
165 100
63 51.4 39.2 58.8
89 73.1 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations

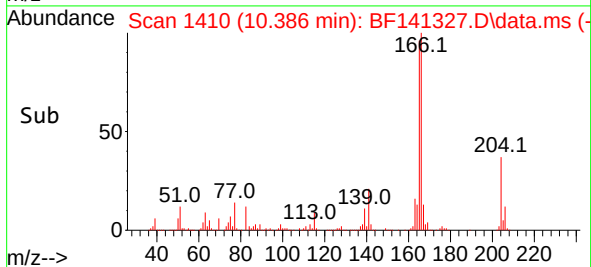
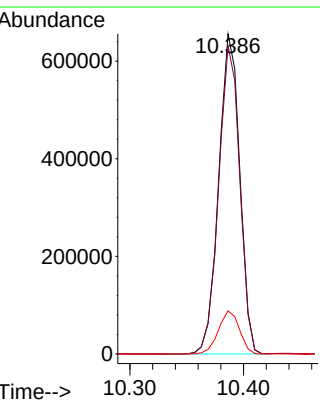
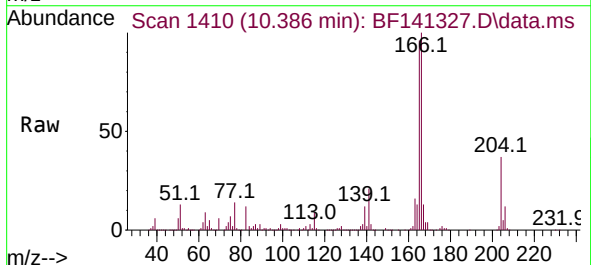
APPROVED

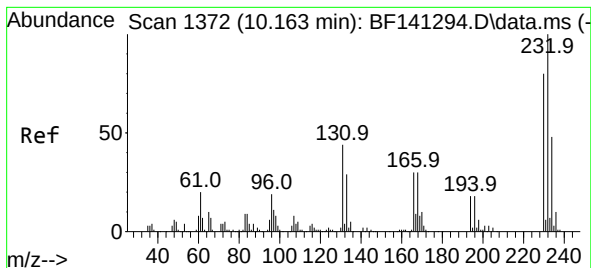
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 37.898 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

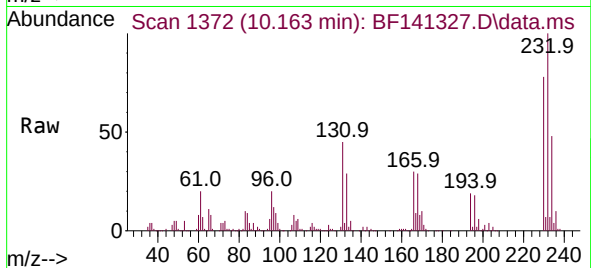
Tgt Ion:166 Resp: 844352
Ion Ratio Lower Upper
166 100
165 96.3 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.298 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

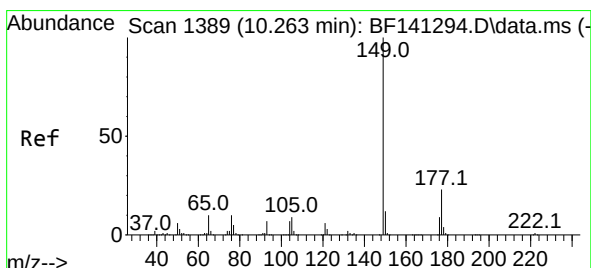
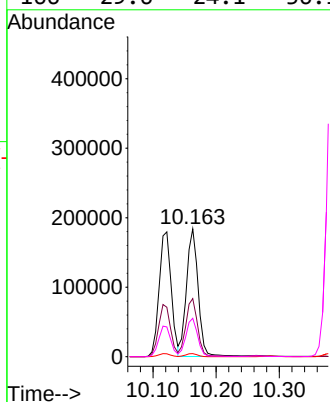
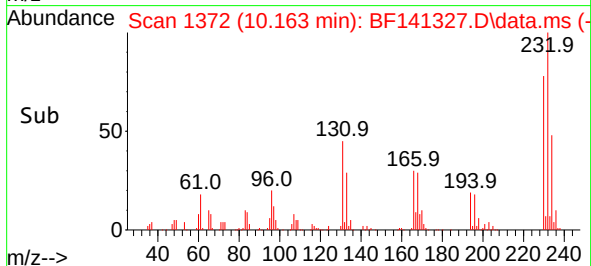
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



Tgt Ion:232 Resp: 23805
Ion Ratio Lower Upper
232 100
131 45.6 36.4 54.6
130 2.4 1.9 2.9
166 29.6 24.1 36.1

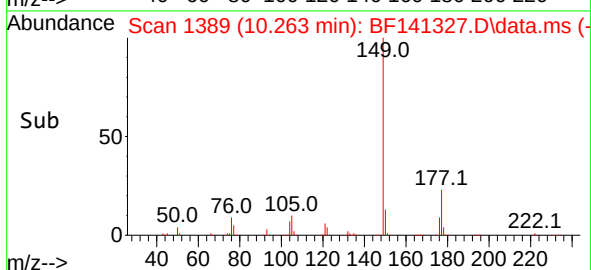
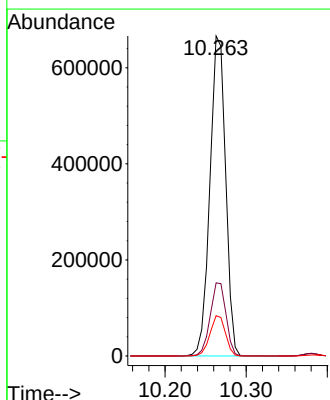
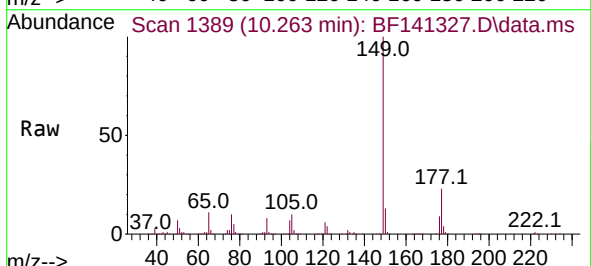
Manual Integrations
APPROVED

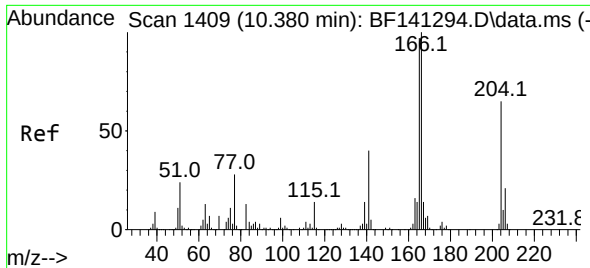
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 38.644 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

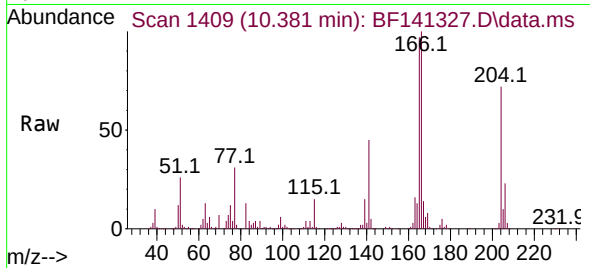
Tgt Ion:149 Resp: 893307
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

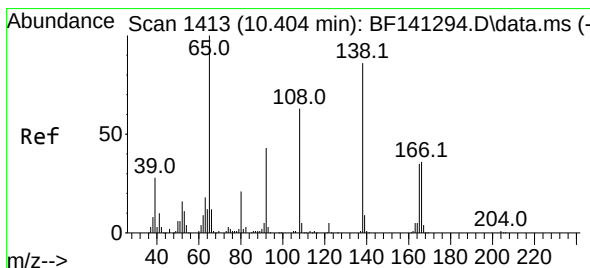
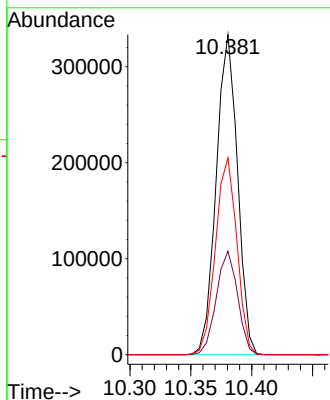
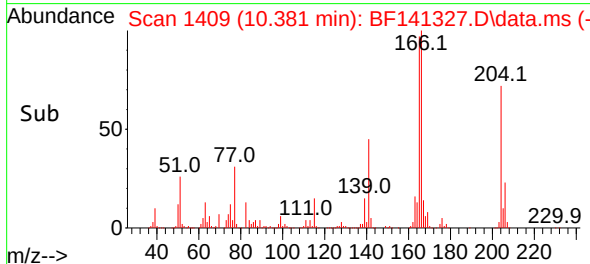
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



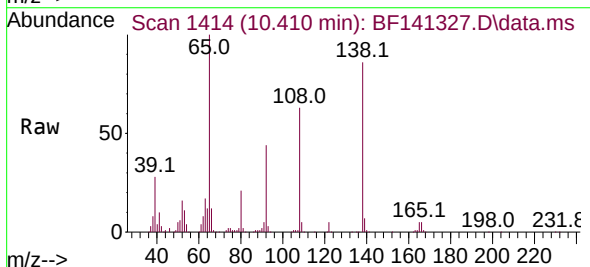
Tgt Ion:204 Resp: 405648
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 61.5 49.5 74.3

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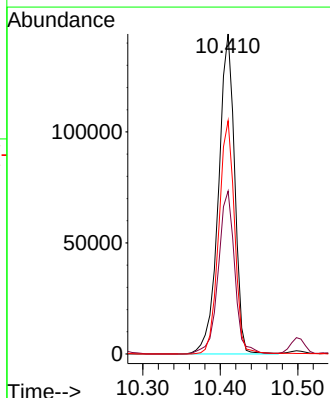
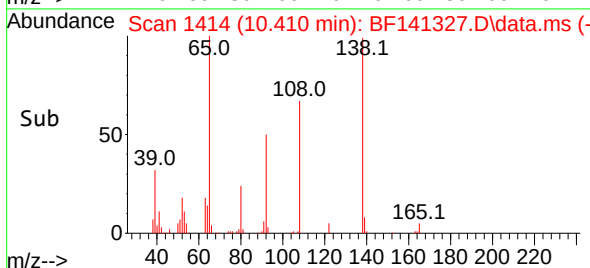
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

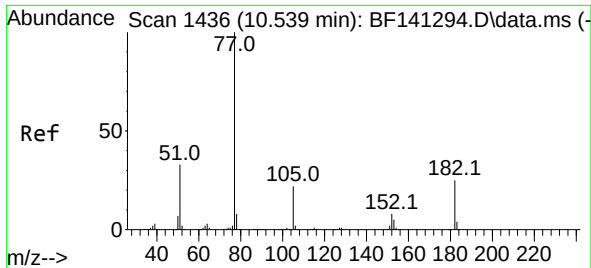


#62
4-Nitroaniline
Concen: 39.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:138 Resp: 209172
Ion Ratio Lower Upper
138 100
92 50.9 30.1 70.1
108 72.9 53.1 93.1





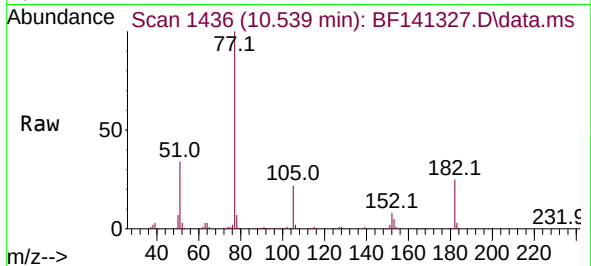
#63
Azobenzene
Concen: 39.412 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

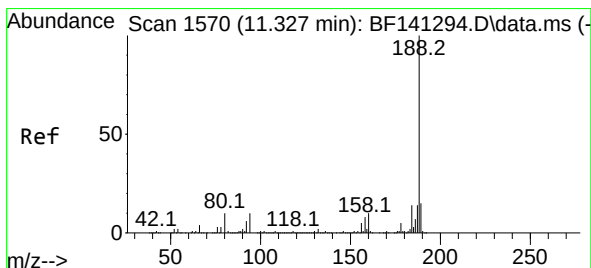
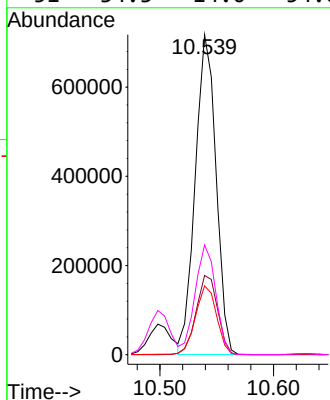
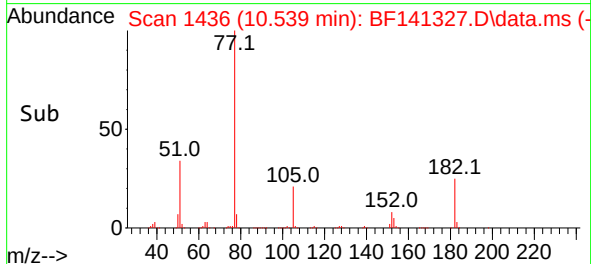


Tgt Ion: 77 Resp: 91193
Ion Ratio Lower Upper
77 100
182 24.7 5.1 45.1
105 21.5 1.8 41.8
51 34.3 14.0 54.0

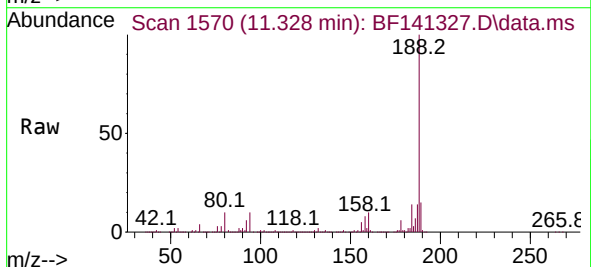
Manual Integrations

APPROVED

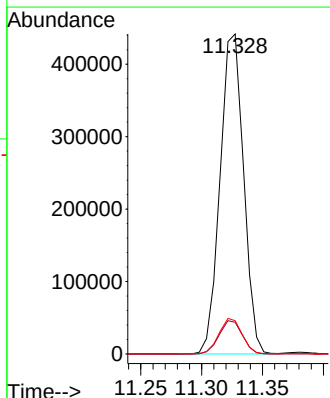
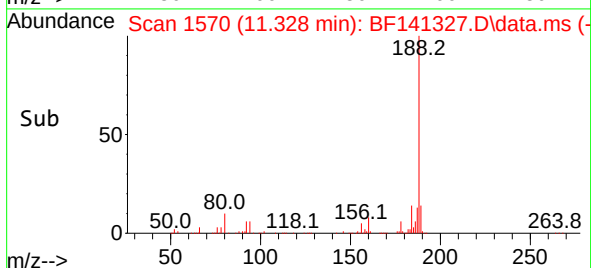
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

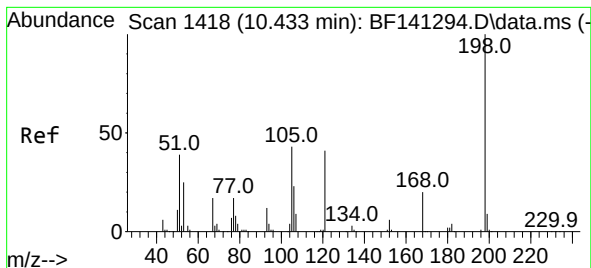


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:188 Resp: 593804
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.4 8.2 12.4





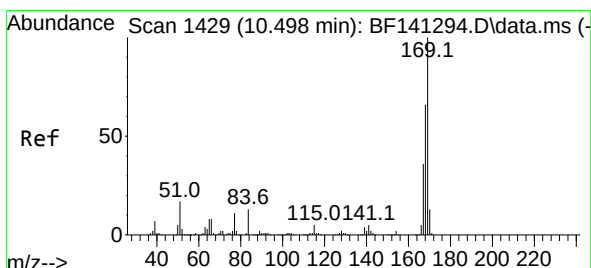
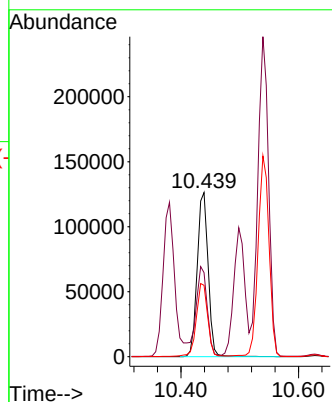
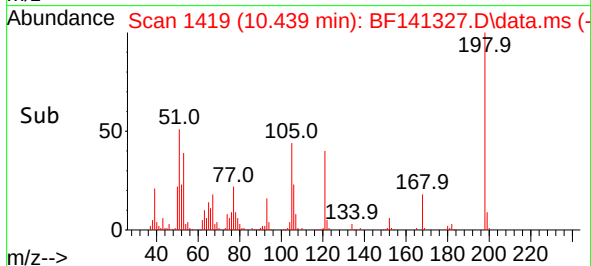
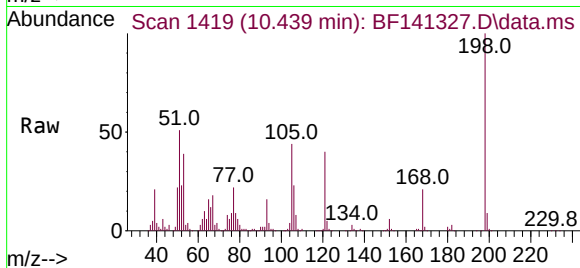
#65
4,6-Dinitro-2-methylphenol
Concen: 46.381 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:198 Resp: 162900
Ion Ratio Lower Upper
198 100
51 51.1 33.4 73.4
105 43.5 24.4 64.4

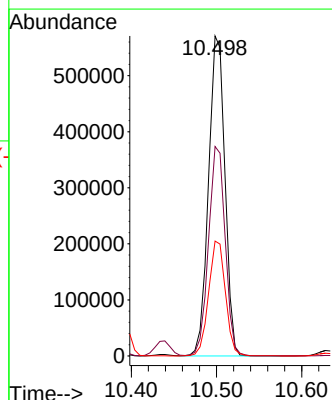
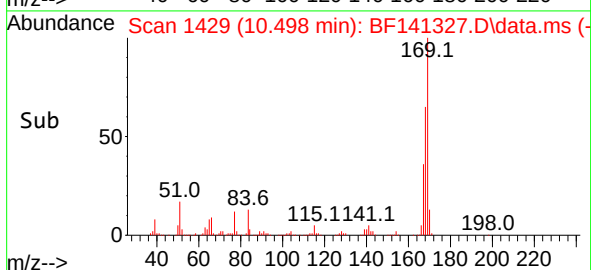
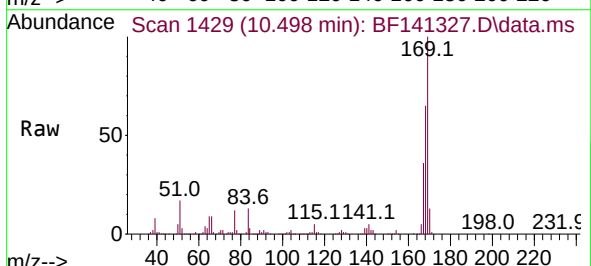
Manual Integrations
APPROVED

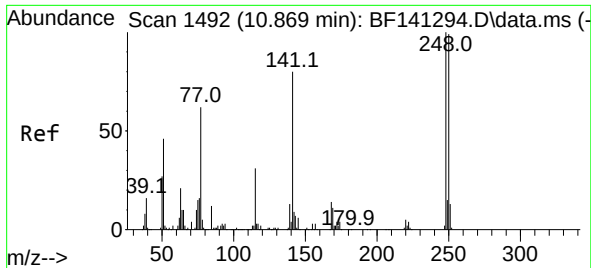
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 39.769 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

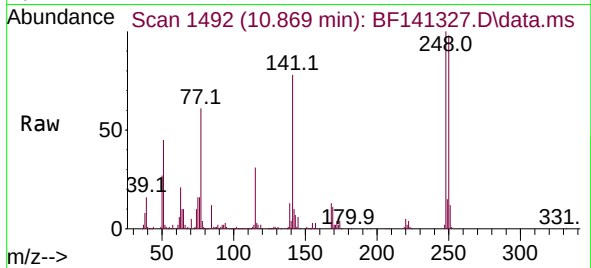
Tgt Ion:169 Resp: 763790
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.4
167 35.9 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.206 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

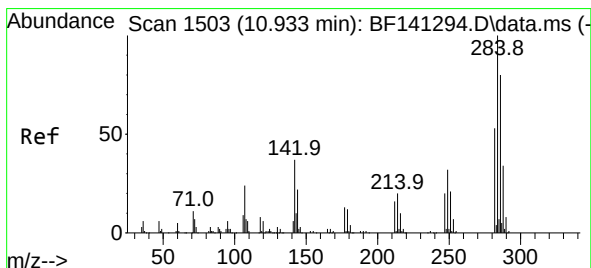
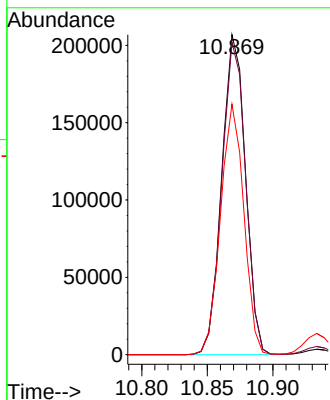
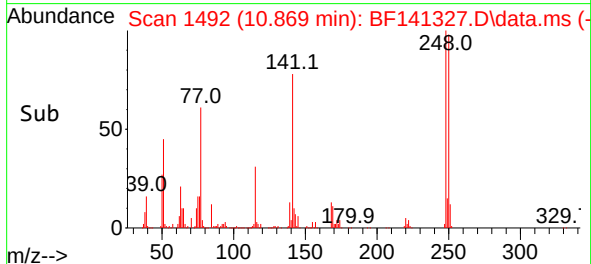
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



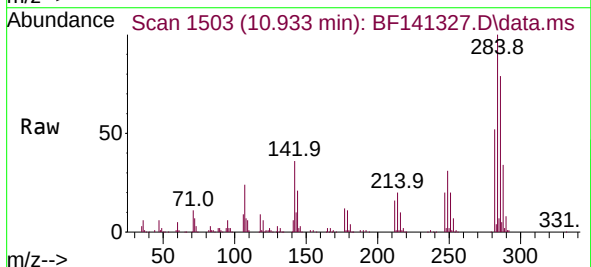
Tgt Ion:248 Resp: 260632
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 78.3 63.7 95.5

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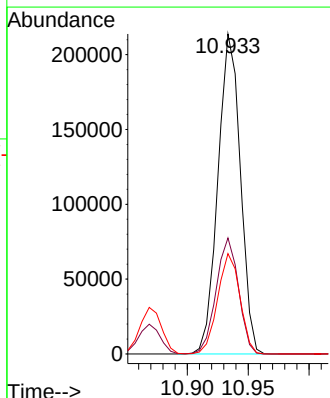
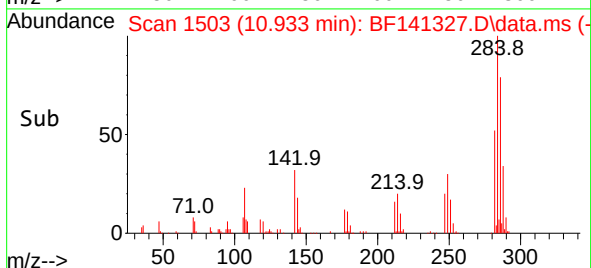
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

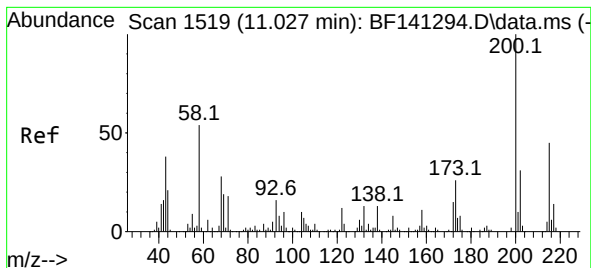


#68
Hexachlorobenzene
Concen: 38.931 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:284 Resp: 274528
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 45.813 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

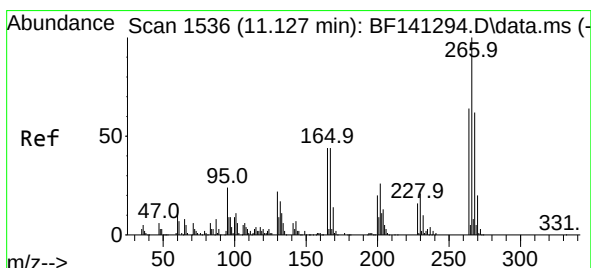
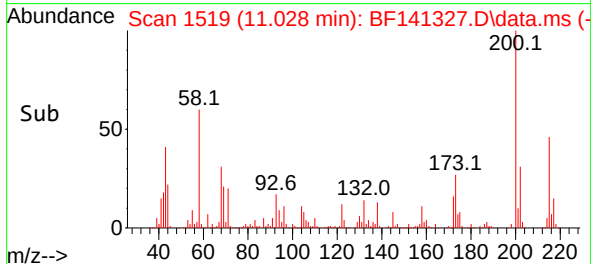
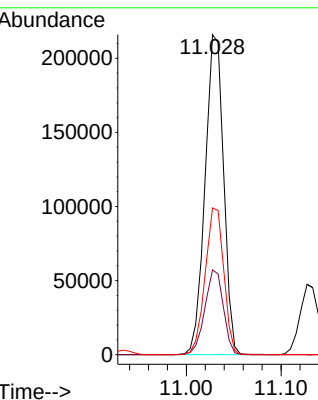
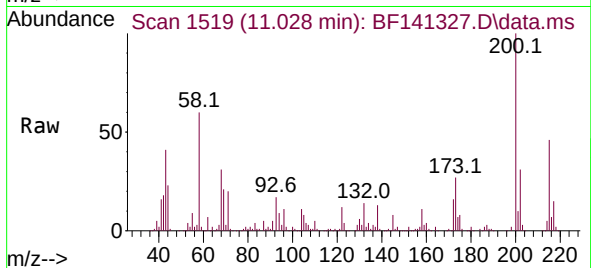
PB166363BSD

Tgt Ion:200 Resp: 29418
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.9 45.9
 215 45.9 25.2 65.2

Manual Integrations

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



#70

Pentachlorophenol

Concen: 84.735 ng

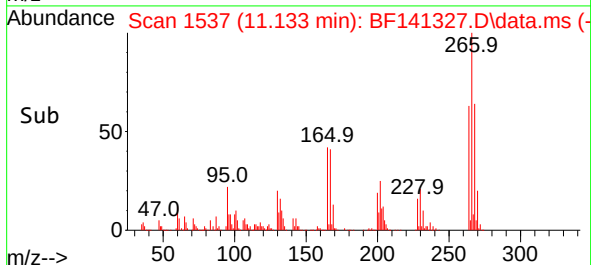
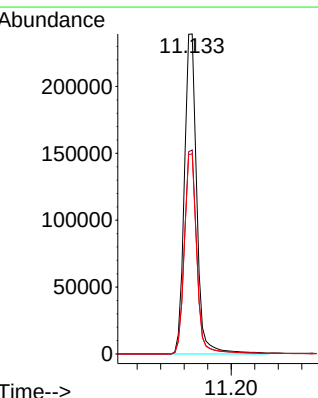
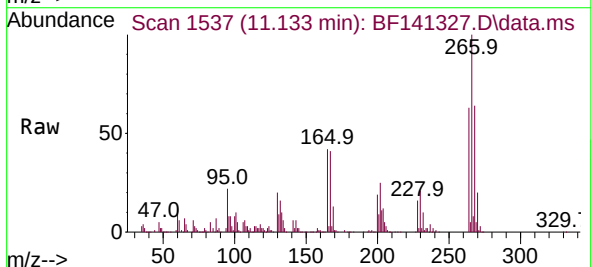
RT: 11.133 min Scan# 1537

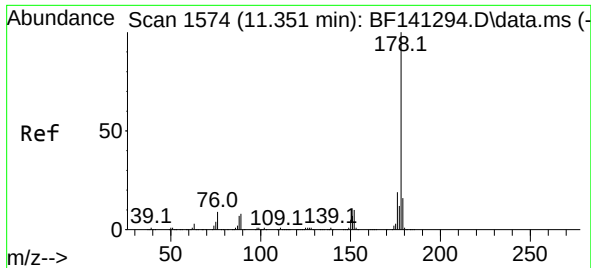
Delta R.T. -0.000 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

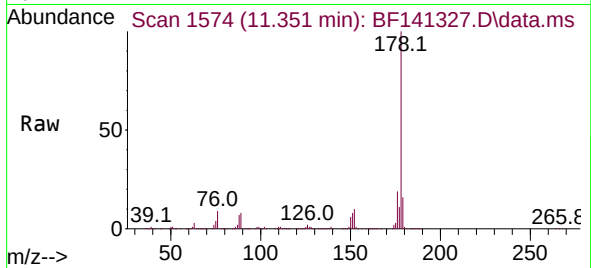
Tgt Ion:266 Resp: 349899
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.9 74.9
 264 62.6 51.0 76.4





#71
Phenanthrene
Concen: 39.784 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

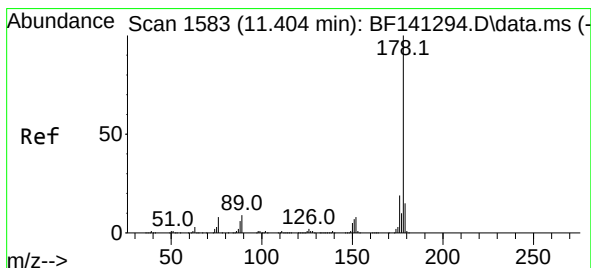
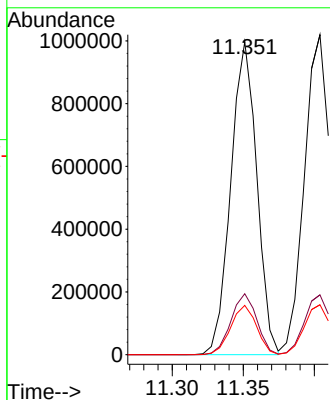
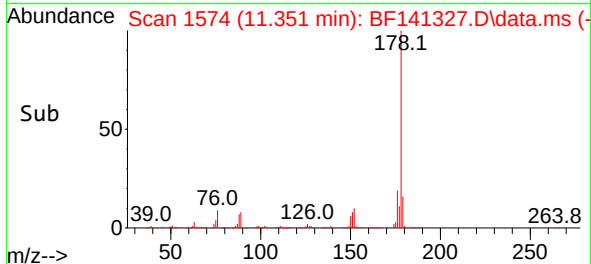
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



Tgt Ion:178 Resp: 126988
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.5 18.7

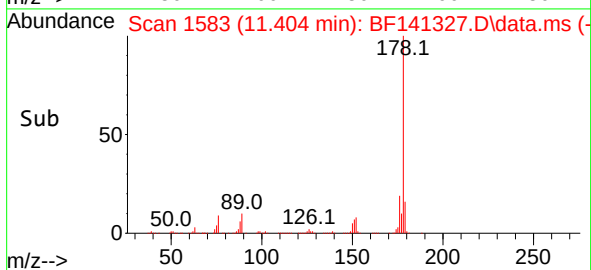
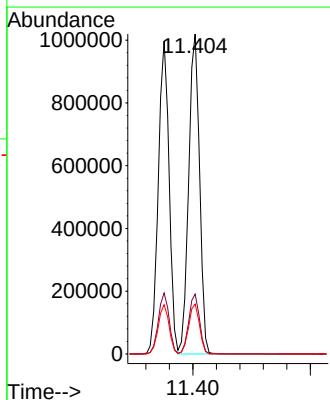
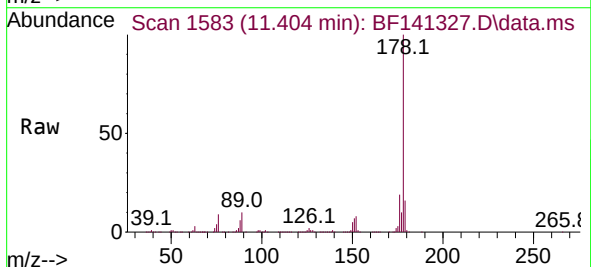
Manual Integrations
APPROVED

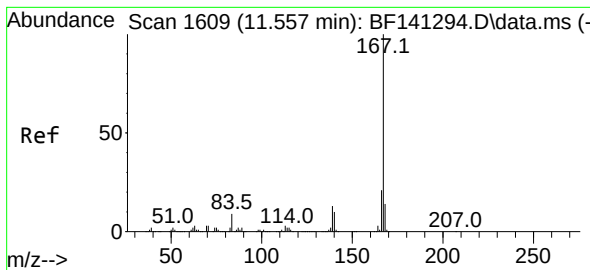
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 41.630 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

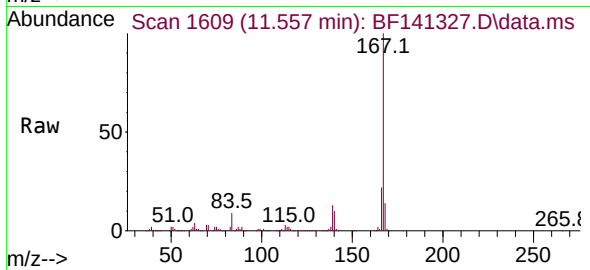
Tgt Ion:178 Resp: 1302000
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 40.994 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

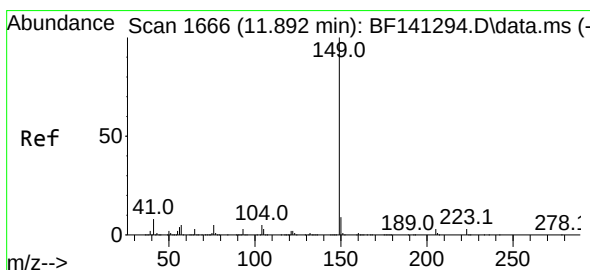
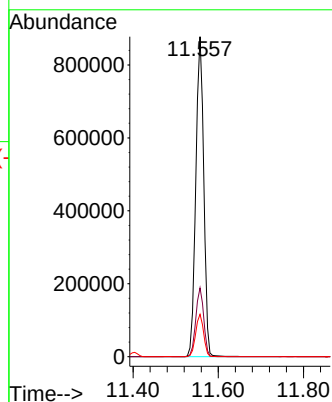
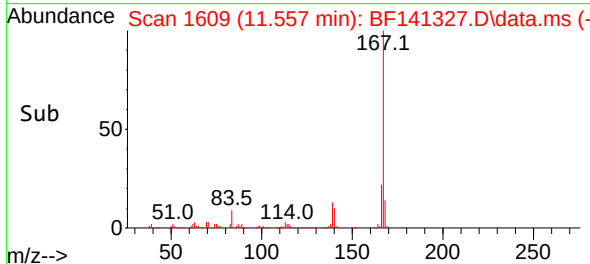
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD



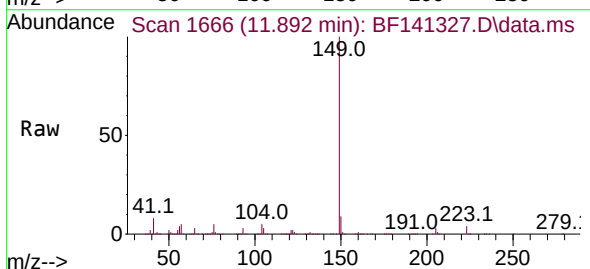
Tgt Ion:167 Resp: 113685
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.3 10.6 16.0

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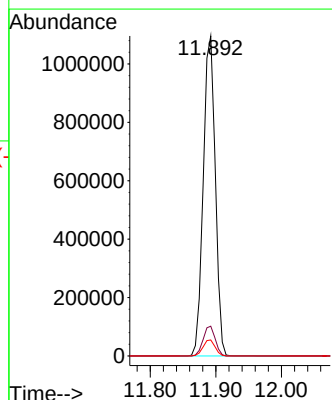
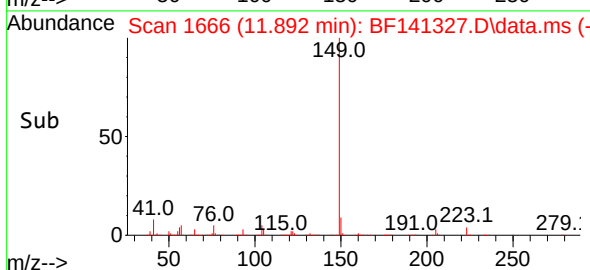
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

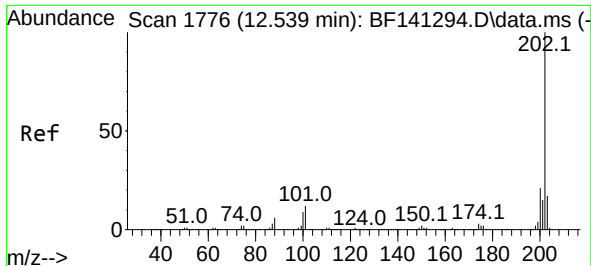


#74
 Di-n-butylphthalate
 Concen: 41.703 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54



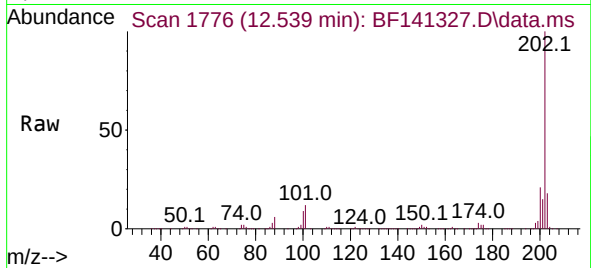
Tgt Ion:149 Resp: 1401598
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 40.929 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

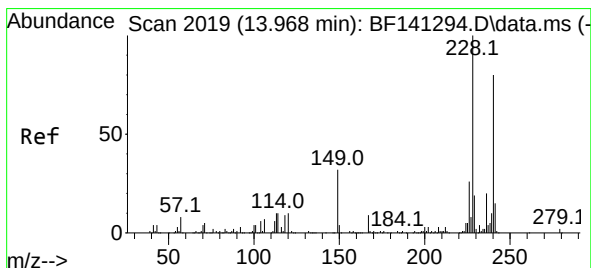
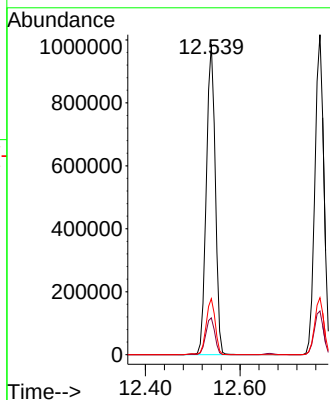
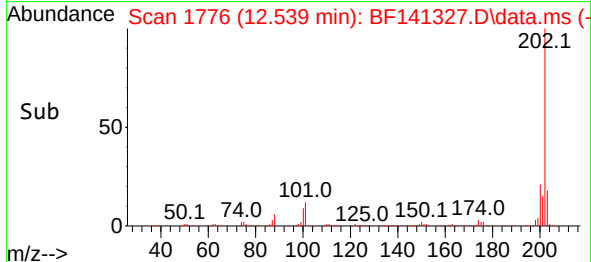
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



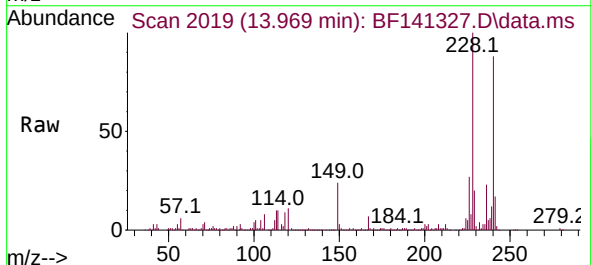
Tgt Ion:202 Resp: 128995
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 18.0 0.0 37.5

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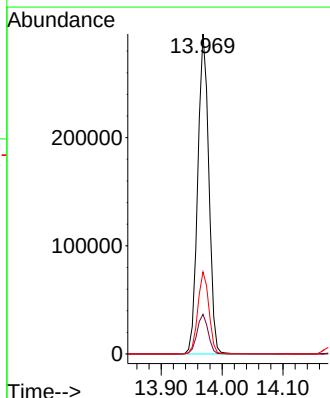
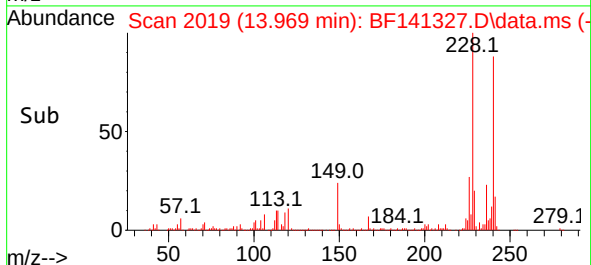
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

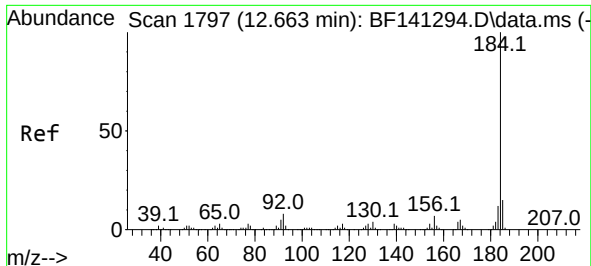


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



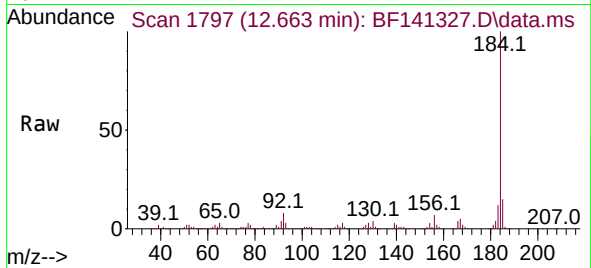
Tgt Ion:240 Resp: 372769
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.6 19.7 29.5





#77
Benzidine
Concen: 59.932 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

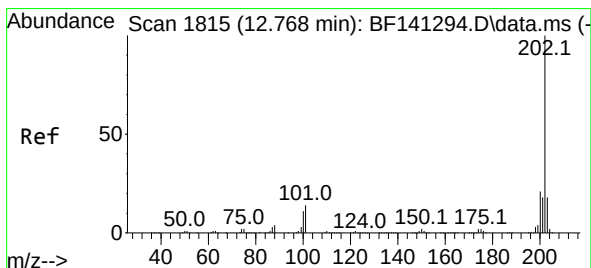
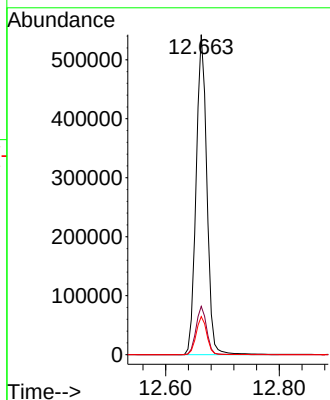
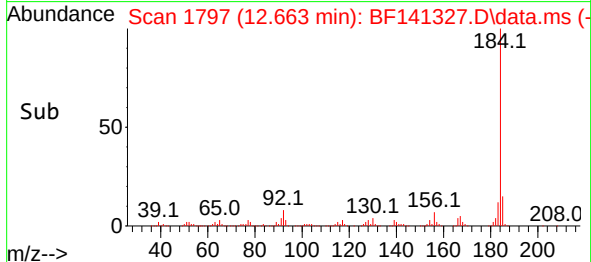
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



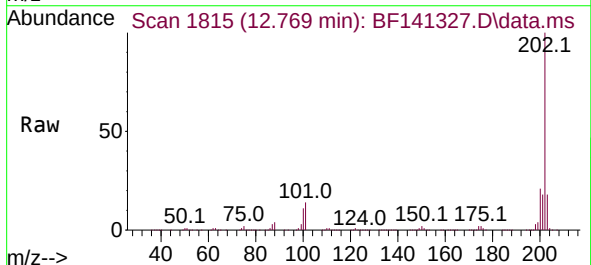
Tgt Ion:184 Resp: 716208
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.9 9.5 14.3

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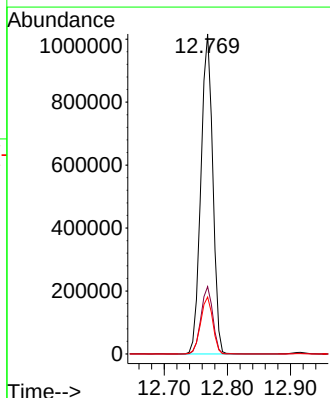
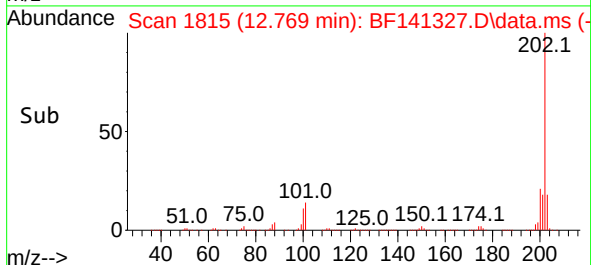
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

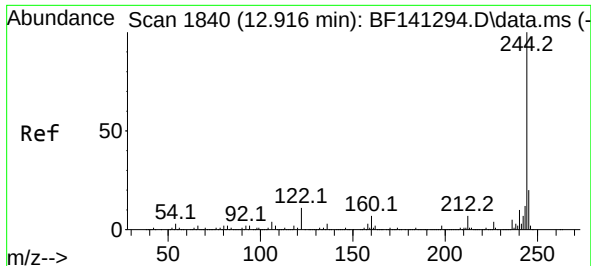


#78
Pyrene
Concen: 37.024 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:202 Resp: 1324799
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.8 14.3 21.5





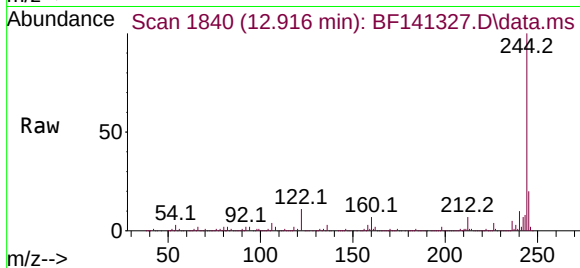
#79
 Terphenyl-d14
 Concen: 83.221 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

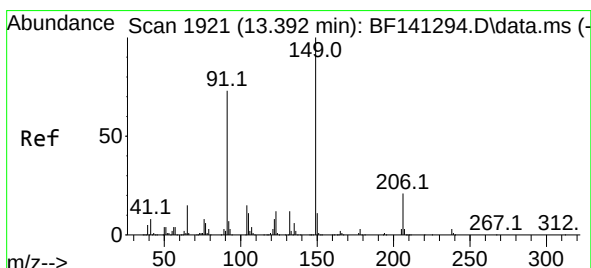
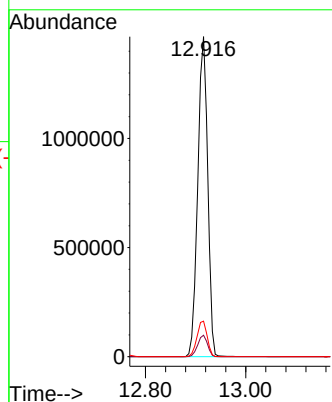
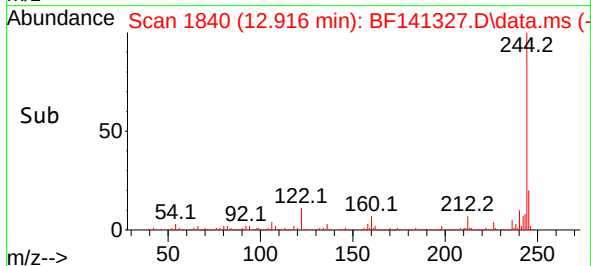


Tgt Ion:244 Resp: 2011572
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.1 8.8 13.2

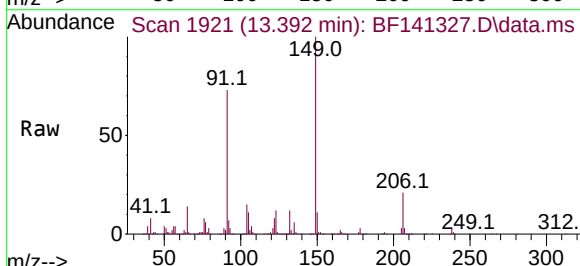
Manual Integrations

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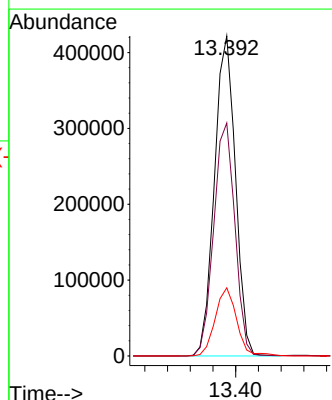
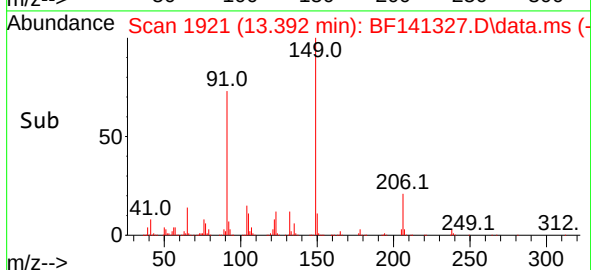
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

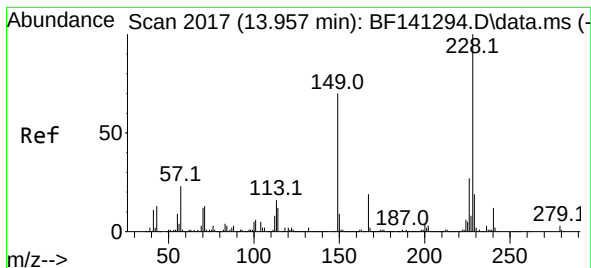


#80
 Butylbenzylphthalate
 Concen: 43.342 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54



Tgt Ion:149 Resp: 541805
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.6 87.8
 206 21.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 36.655 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141327.D

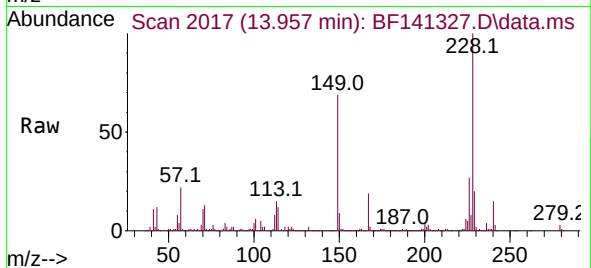
Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

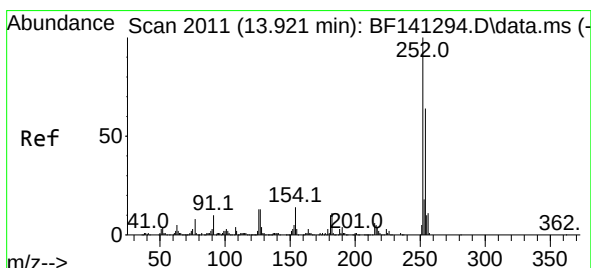
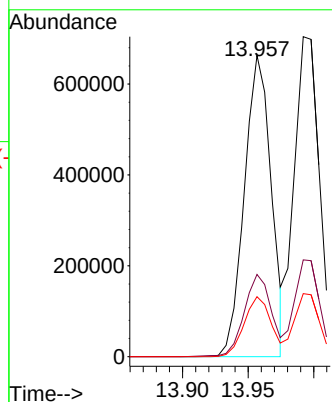
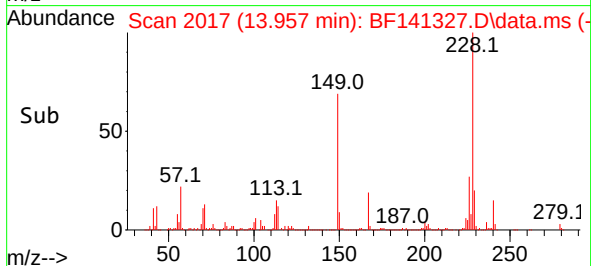


Tgt Ion:	228	Resp:	942894
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.4	32.2
229	19.9	15.5	23.3

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 18.863 ng

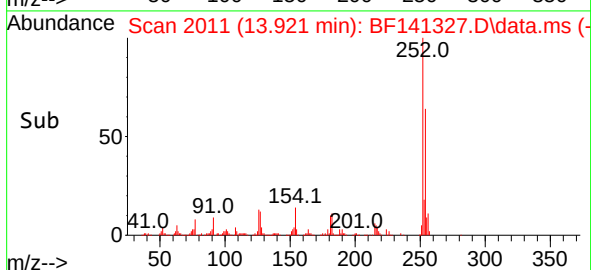
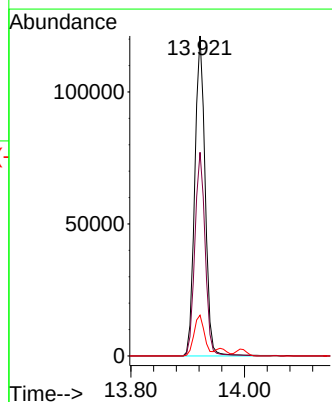
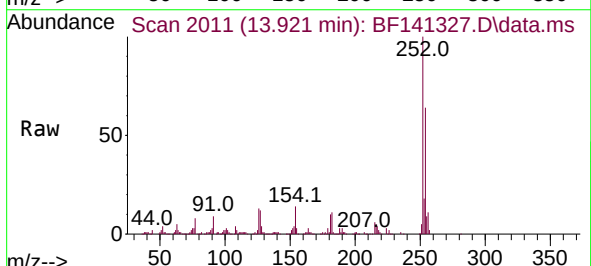
RT: 13.921 min Scan# 2011

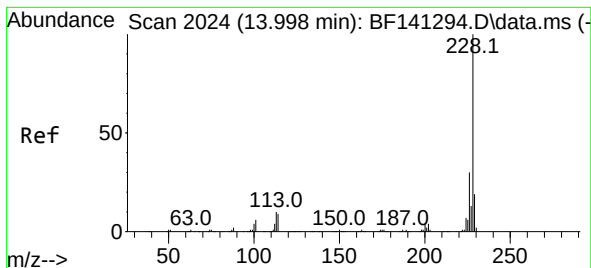
Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:	252	Resp:	154325
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.3	76.9
126	12.7	10.0	15.0





#83

Chrysene

Concen: 39.853 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

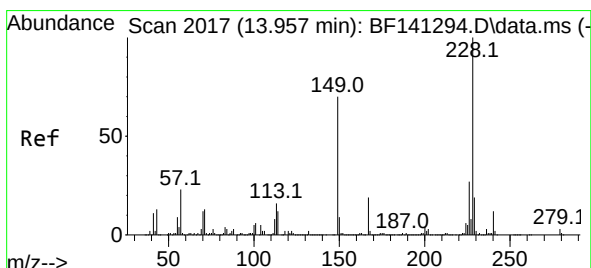
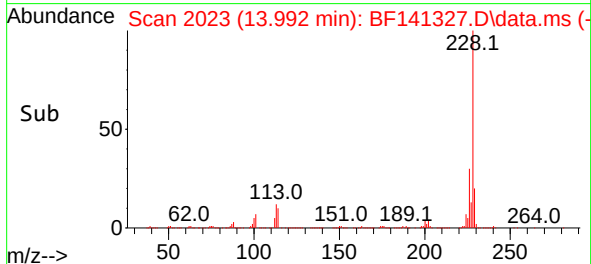
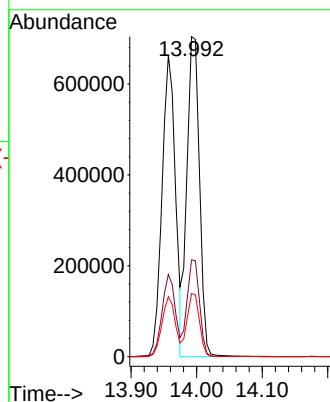
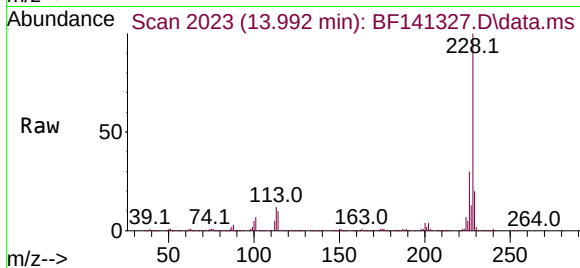
PB166363BSD

Tgt Ion:228	Resp: 93951
Ion Ratio	Lower Upper
228 100	
226 30.3	24.1 36.1
229 19.7	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: 41.481 ng

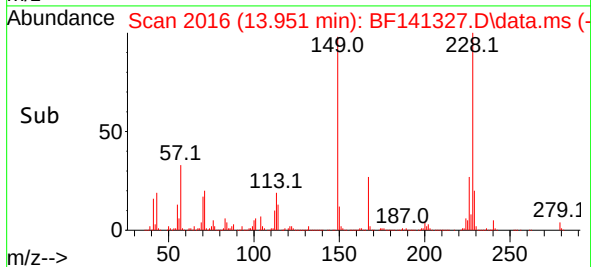
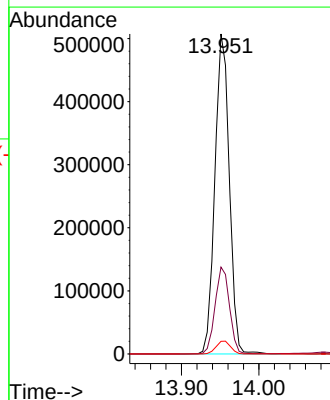
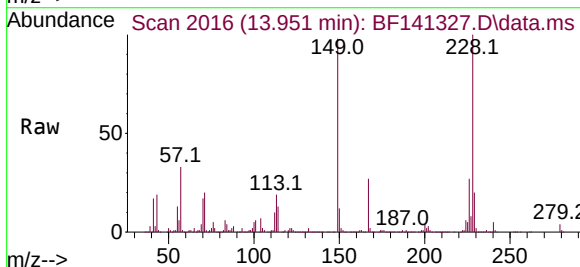
RT: 13.951 min Scan# 2016

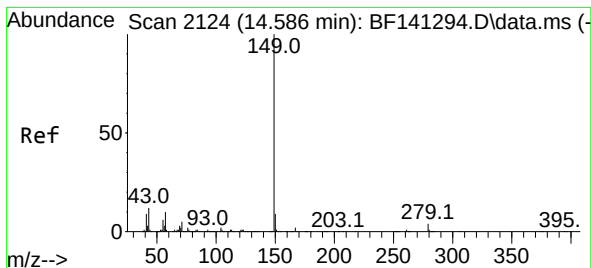
Delta R.T. -0.006 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Tgt Ion:149	Resp: 657794
Ion Ratio	Lower Upper
149 100	
167 27.1	21.8 32.8
279 3.9	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.786 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

Instrument :

BNA_F

ClientSampleId :

PB166363BSD

Tgt Ion:149 Resp: 105382

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

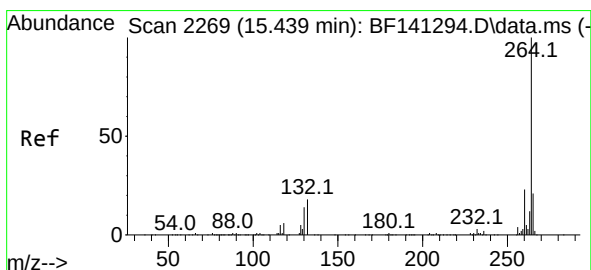
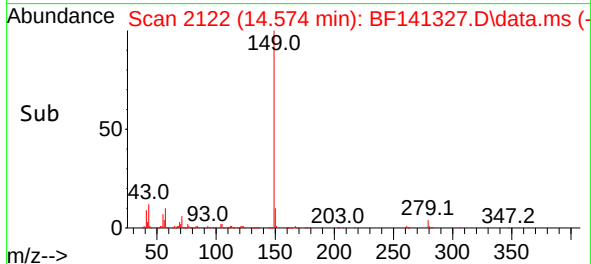
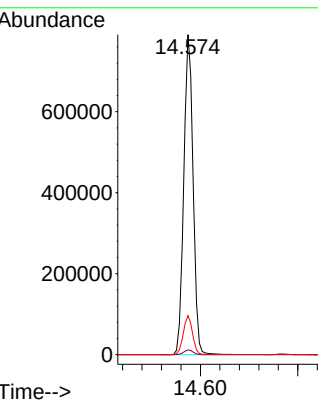
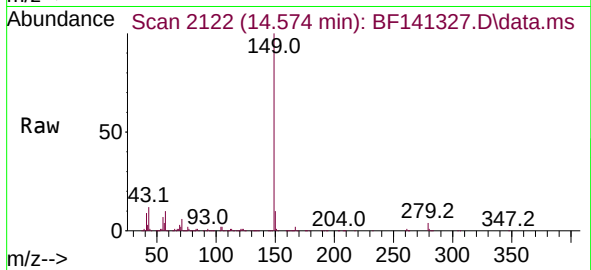
43 12.1 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141327.D

Acq: 31 Jan 2025 12:54

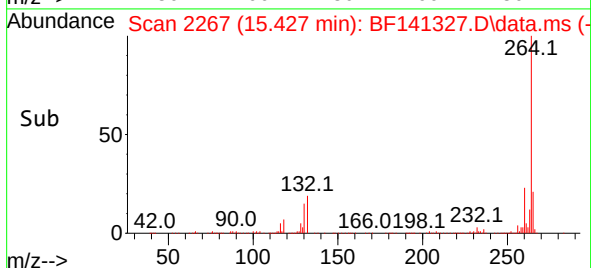
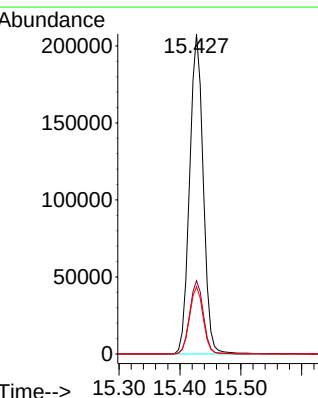
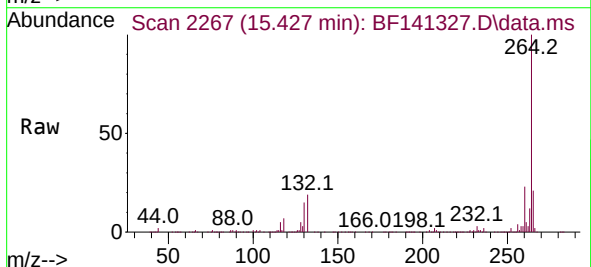
Tgt Ion:264 Resp: 322252

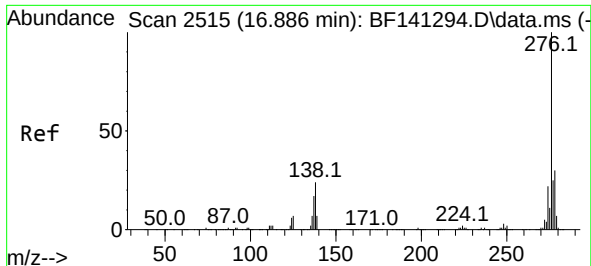
Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

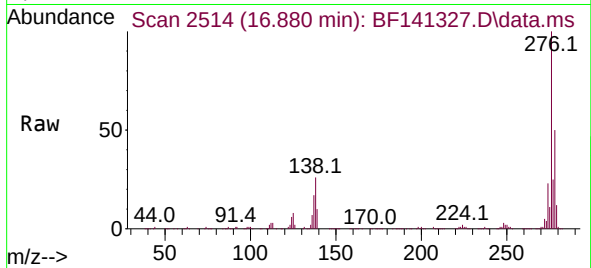
265 21.1 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.186 ng
 RT: 16.880 min Scan# 2196
 Delta R.T. -0.018 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54

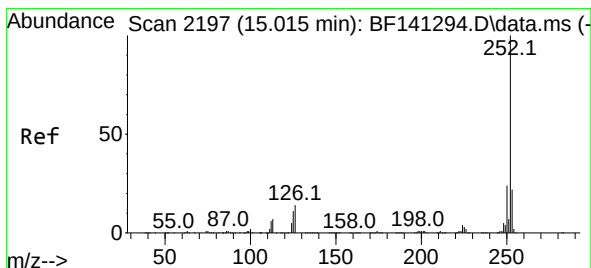
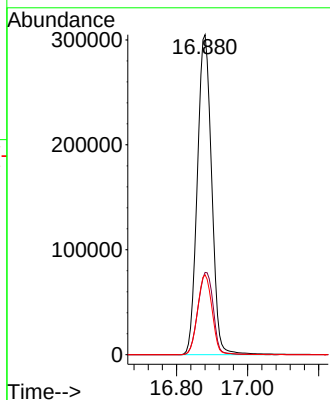
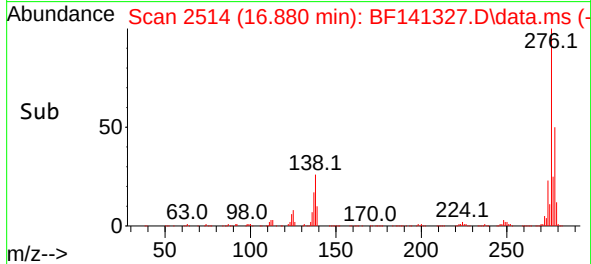
Instrument :
 BNA_F
 ClientSampleId :
 PB166363BSD



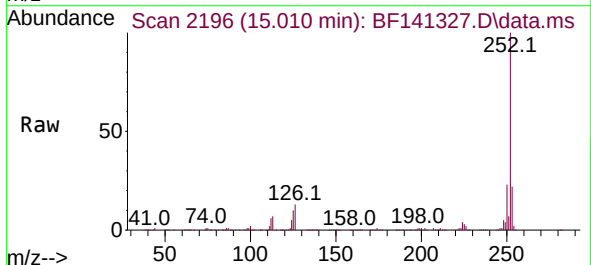
Tgt Ion:276 Resp: 856620
 Ion Ratio Lower Upper
 276 100
 138 27.6 21.7 32.5
 277 25.4 20.3 30.5

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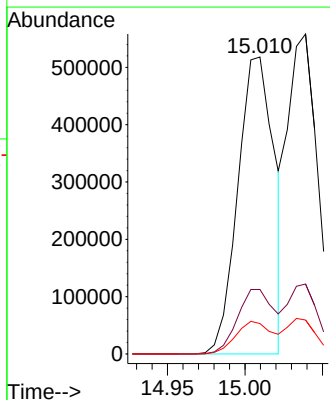
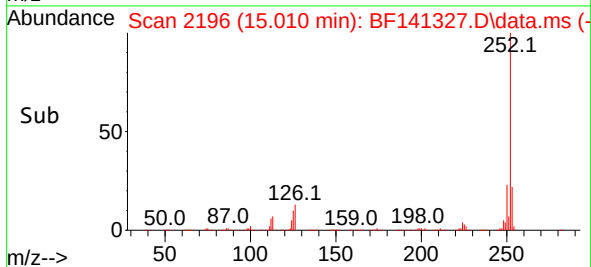
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

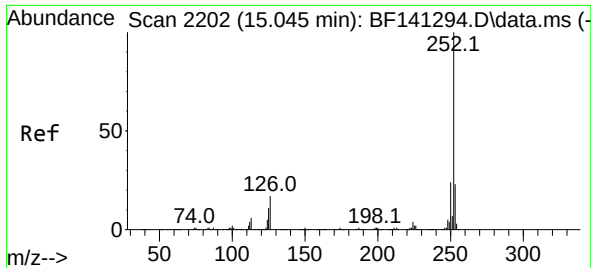


#88
 Benzo(b)fluoranthene
 Concen: 41.725 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141327.D
 Acq: 31 Jan 2025 12:54



Tgt Ion:252 Resp: 845792
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 10.2 8.6 12.8





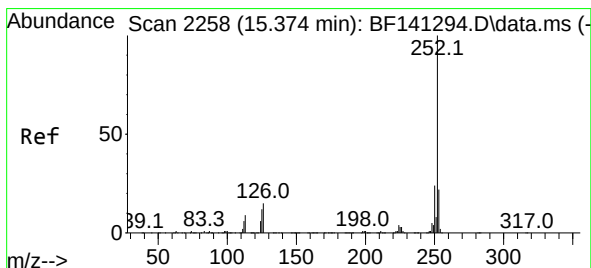
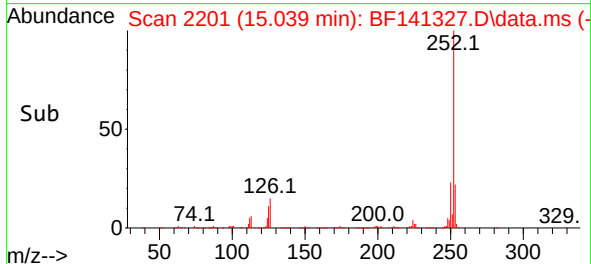
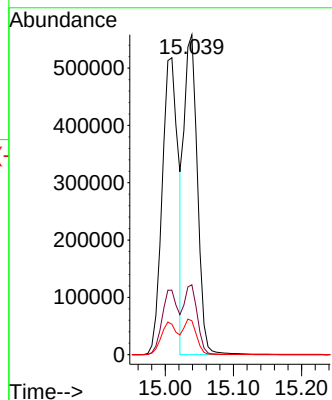
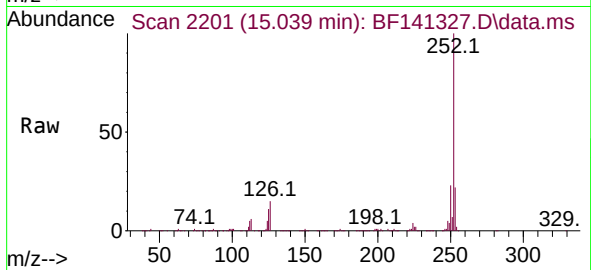
#89
Benzo(k)fluoranthene
Concen: 42.265 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:252 Resp: 758950
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.6 8.4 12.6

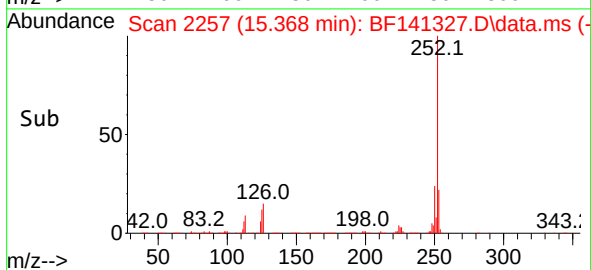
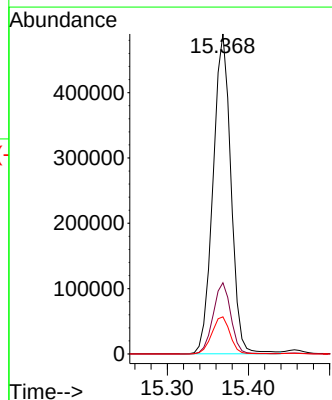
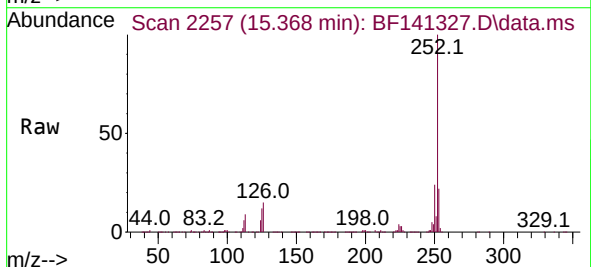
Manual Integrations
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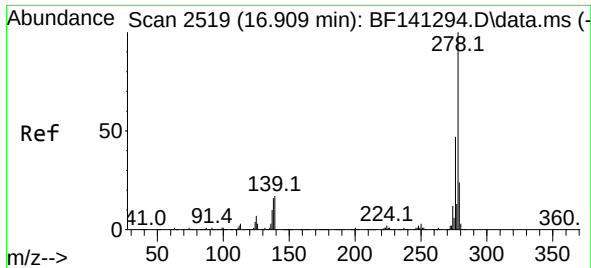
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 43.765 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

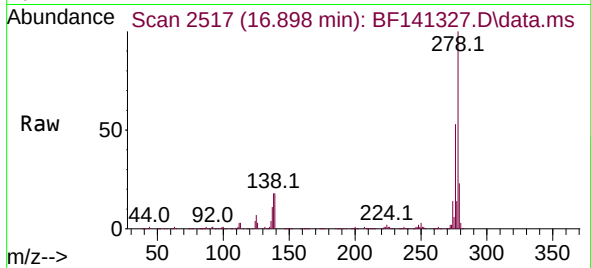
Tgt Ion:252 Resp: 749665
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 11.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 40.724 ng
RT: 16.898 min Scan# 2519
Delta R.T. -0.024 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

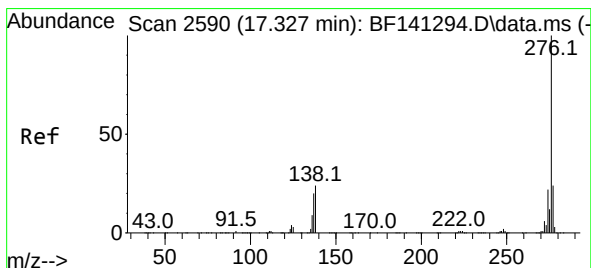
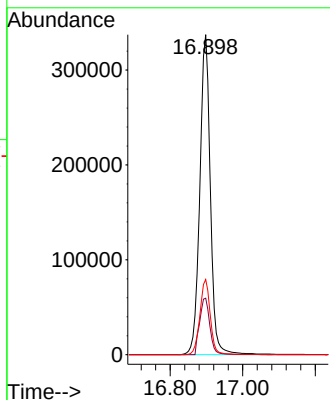
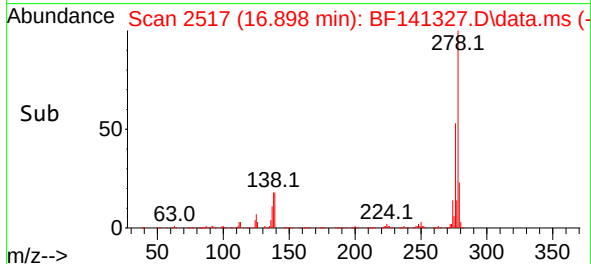
Instrument :
BNA_F
ClientSampleId :
PB166363BSD



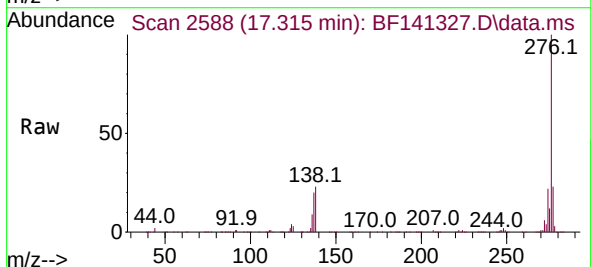
Tgt Ion:278 Resp: 681454
Ion Ratio Lower Upper
278 100
139 17.6 13.9 20.9
279 23.5 18.8 28.2

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: 38.278 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.029 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54



Tgt Ion:276 Resp: 666012
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 23.3 19.0 28.4

