

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142540.D
 Acq On : 23 May 2025 17:32
 Operator : RC/JU
 Sample : Q2095-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 17:55:45 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 20 16:26:47 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	114152	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	439036	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	231892	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	386508	20.000	ng	0.00
76) Chrysene-d12	14.069	240	208613	20.000	ng	0.00
86) Perylene-d12	15.557	264	232633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	696648	102.817	ng	0.01
7) Phenol-d6	6.522	99	779884	95.619	ng	-0.01
23) Nitrobenzene-d5	7.457	82	579086	71.923	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	302959	117.713	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1198565	69.356	ng	-0.01
79) Terphenyl-d14	13.010	244	1126728	73.808	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.846	88	93989	34.665	ng	# 83
3) Pyridine	3.558	79	247013	35.776	ng	99
4) n-Nitrosodimethylamine	3.499	42	141743	39.539	ng	94
6) Aniline	6.563	93	276854	25.245	ng	99
8) 2-Chlorophenol	6.681	128	298121	40.395	ng	98
9) Benzaldehyde	6.446	77	85370	17.402	ng	98
10) Phenol	6.540	94	307920	33.552	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	277840	42.057	ng	98
12) 1,3-Dichlorobenzene	6.840	146	242398	29.435	ng	98
13) 1,4-Dichlorobenzene	6.916	146	252000	30.379	ng	99
14) 1,2-Dichlorobenzene	7.069	146	255880	32.237	ng	99
15) Benzyl Alcohol	7.034	79	249632	41.416	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	428303	38.606	ng	100
17) 2-Methylphenol	7.146	107	229688	39.863	ng	99
18) Hexachloroethane	7.410	117	84108	29.037	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	201097	39.783	ng	98
20) 3+4-Methylphenols	7.298	107	284882	38.609	ng	96
22) Acetophenone	7.304	105	395198	40.663	ng	98
24) Nitrobenzene	7.481	77	291736	40.175	ng	100
25) Isophorone	7.716	82	551667	40.981	ng	99
26) 2-Nitrophenol	7.793	139	163953	42.254	ng	98
27) 2,4-Dimethylphenol	7.828	122	281301	41.110	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	340174	40.453	ng	100
29) 2,4-Dichlorophenol	8.034	162	257814	41.430	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	257019	38.057	ng	98
31) Naphthalene	8.204	128	839400	38.829	ng	100
32) Benzoic acid	7.940	122	186315m	44.730	ng	
33) 4-Chloroaniline	8.245	127	181495m	20.719	ng	
34) Hexachlorobutadiene	8.316	225	149343	35.415	ng	100
35) Caprolactam	8.616	113	66045m	37.789	ng	
36) 4-Chloro-3-methylphenol	8.728	107	264436	41.464	ng	98
37) 2-Methylnaphthalene	8.892	142	540870	39.769	ng	100
38) 1-Methylnaphthalene	8.992	142	564351	40.116	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	274930	41.302	ng	98
41) Hexachlorocyclopentadiene	9.045	237	348914	77.701	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	193979	43.215	ng	97

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Manual Integrations
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 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 17:55:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	208142	43.968	ng	99
46) 1,1'-Biphenyl	9.357	154	760691	42.283	ng	99
47) 2-Chloronaphthalene	9.381	162	561765	42.263	ng	99
48) 2-Nitroaniline	9.475	65	168774	43.929	ng	100
49) Acenaphthylene	9.798	152	941186	41.933	ng	100
50) Dimethylphthalate	9.657	163	673979	44.048	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148373	44.928	ng	96
52) Acenaphthene	9.975	154	633889	46.251	ng	99
53) 3-Nitroaniline	9.887	138	91558	25.383	ng	98
54) 2,4-Dinitrophenol	9.992	184	164371	96.339	ng	97
55) Dibenzofuran	10.145	168	823417	41.751	ng	99
56) 4-Nitrophenol	10.045	139	212122	79.701	ng	99
57) 2,4-Dinitrotoluene	10.122	165	196846	45.641	ng	98
58) Fluorene	10.486	166	642937	42.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	170634	43.177	ng	99
60) Diethylphthalate	10.357	149	651956	43.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	313845	41.931	ng	97
62) 4-Nitroaniline	10.504	138	135380	41.383	ng	98
63) Azobenzene	10.639	77	579866	43.202	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	101668	47.134	ng	97
66) n-Nitrosodiphenylamine	10.598	169	557253	42.142	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	194175	42.487	ng	99
68) Hexachlorobenzene	11.034	284	213895	42.316	ng	99
69) Atrazine	11.122	200	172788	49.203	ng	100
70) Pentachlorophenol	11.228	266	248199	86.971	ng	99
71) Phenanthrene	11.451	178	875393	42.380	ng	100
72) Anthracene	11.504	178	910684	43.200	ng	100
73) Carbazole	11.657	167	790519	43.864	ng	100
74) Di-n-butylphthalate	11.986	149	939553	47.629	ng	99
75) Fluoranthene	12.639	202	841336	43.591	ng	98
77) Benzidine	12.763	184	223396	28.777	ng	99
78) Pyrene	12.869	202	829894	42.645	ng	100
80) Butylbenzylphthalate	13.486	149	294143	54.701	ng	98
81) Benzo(a)anthracene	14.057	228	598145	42.939	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	119170	28.205	ng	98
83) Chrysene	14.092	228	562661	44.951	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	366700	53.270	ng	99
85) Di-n-octyl phthalate	14.657	149	563712	41.881	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	741483	42.456	ng	99
88) Benzo(b)fluoranthene	15.121	252	579586	42.096	ng	99
89) Benzo(k)fluoranthene	15.151	252	568808	44.109	ng	99
90) Benzo(a)pyrene	15.498	252	569480	43.880	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	594524	41.972	ng	98
92) Benzo(g,h,i)perylene	17.533	276	594788	41.982	ng	98

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

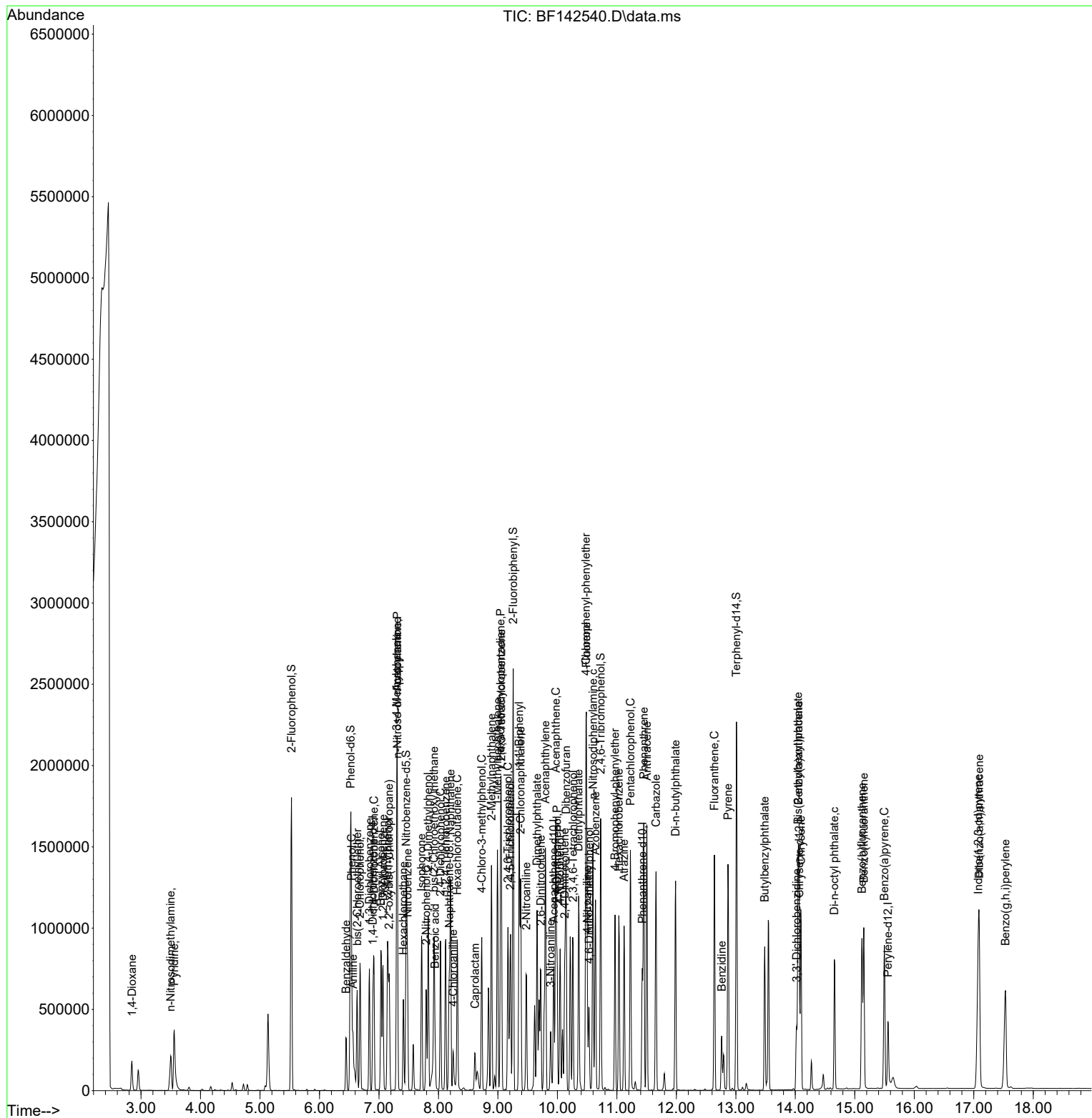
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142540.D
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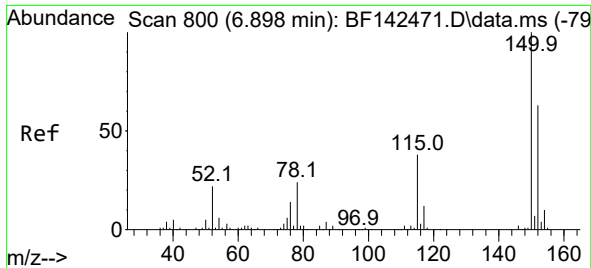
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
APPROVED

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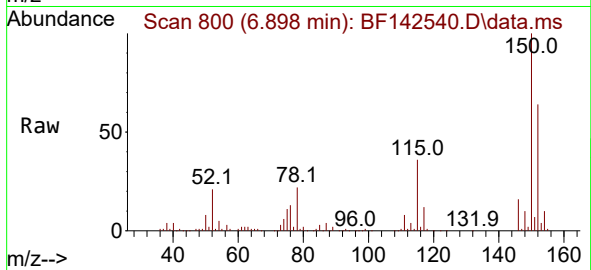
Quant Time: May 23 17:55:45 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

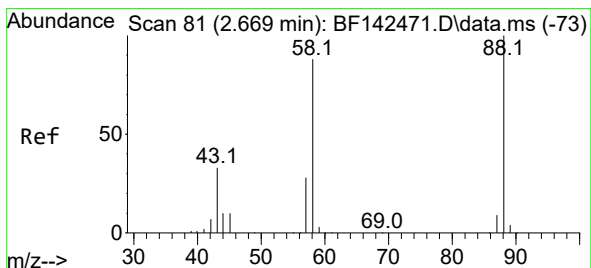
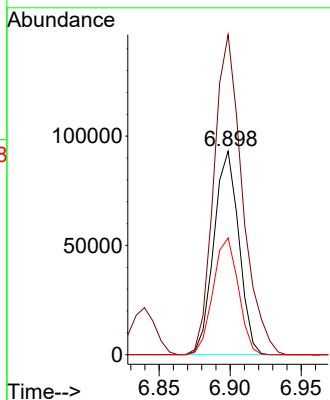
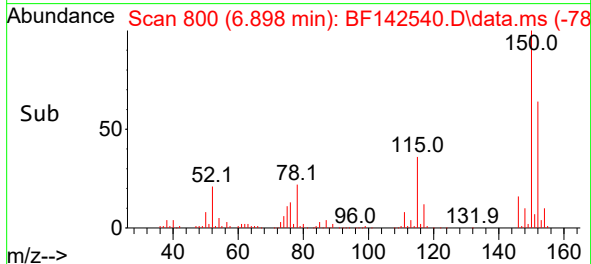
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:152 Resp: 114152
Ion Ratio Lower Upper
152 100
150 157.2 128.2 192.4
115 57.4 48.3 72.5

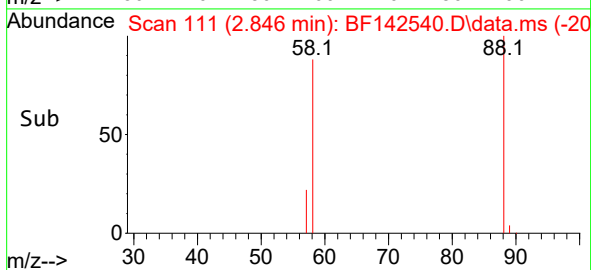
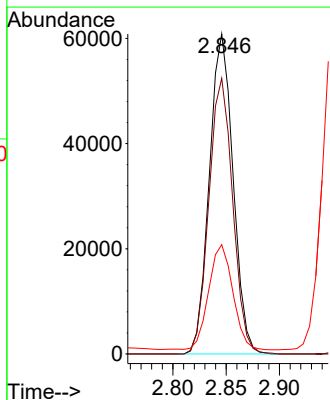
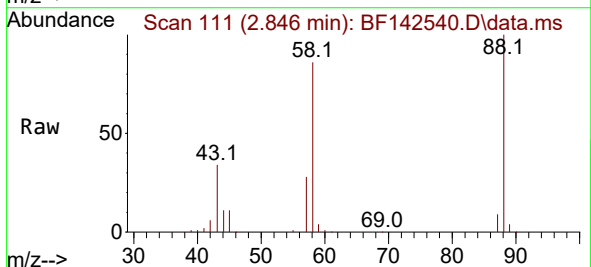
Manual Integrations
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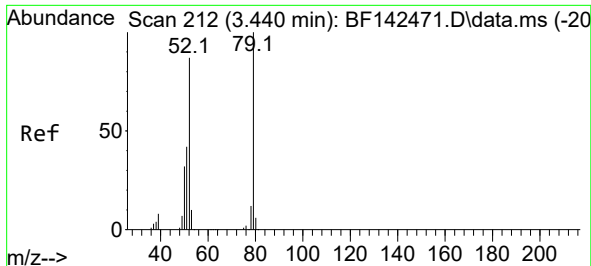
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#2
1,4-Dioxane
Concen: 34.665 ng
RT: 2.846 min Scan# 111
Delta R.T. 0.183 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 88 Resp: 93989
Ion Ratio Lower Upper
88 100
58 86.7 70.8 106.2
43 0.0 26.6 40.0#





#3

Pyridine

Concen: 35.776 ng

RT: 3.558 min Scan# 212

Delta R.T. 0.118 min

Lab File: BF142540.D

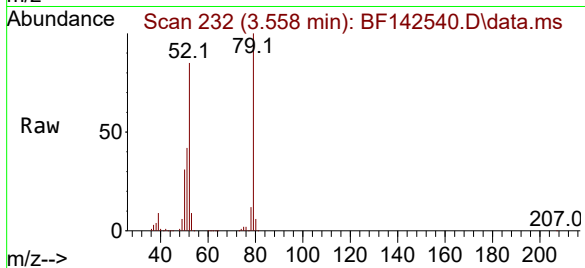
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



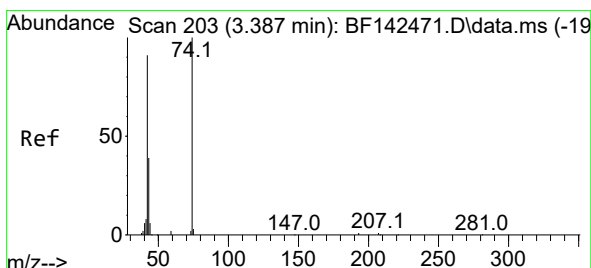
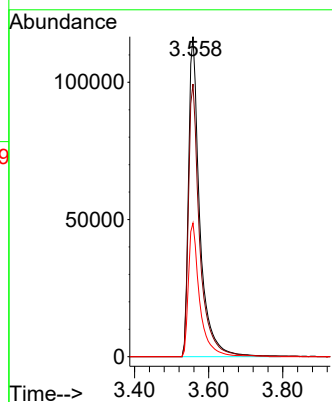
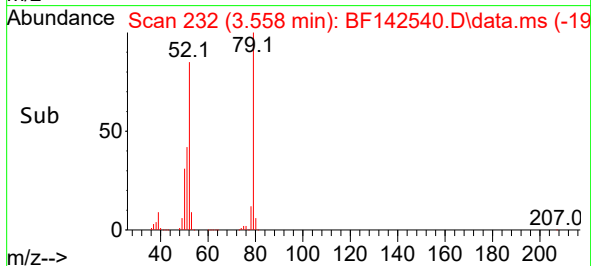
Tgt Ion:	79	Resp:	24701
Ion Ratio	Lower	Upper	
79	100		
52	85.2	69.2	103.8
51	41.8	33.3	49.9

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#4

n-Nitrosodimethylamine

Concen: 39.539 ng

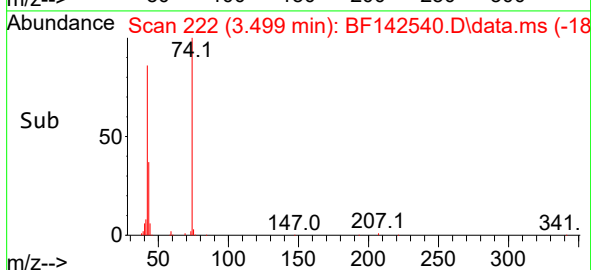
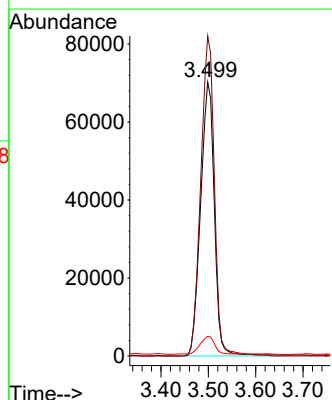
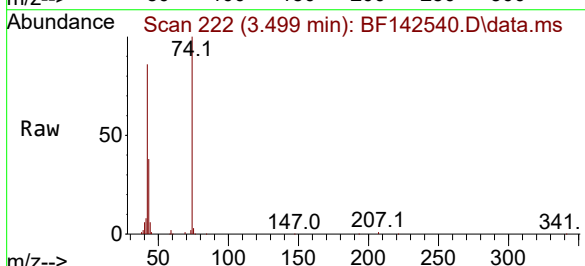
RT: 3.499 min Scan# 222

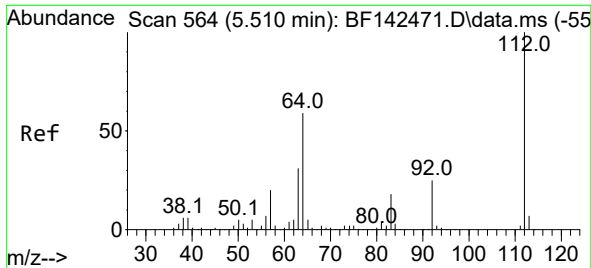
Delta R.T. 0.094 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Tgt Ion:	42	Resp:	141743
Ion Ratio	Lower	Upper	
42	100		
74	116.9	88.2	132.4
44	7.2	5.4	8.2





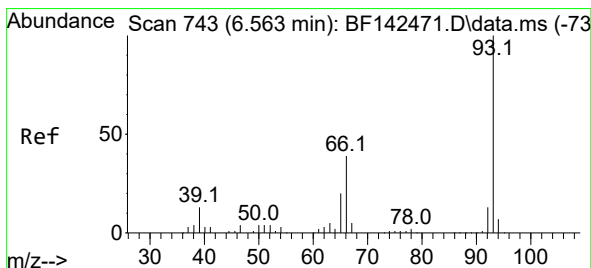
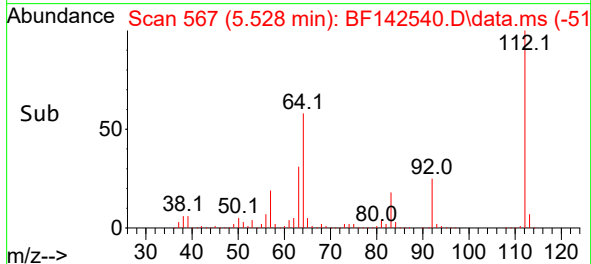
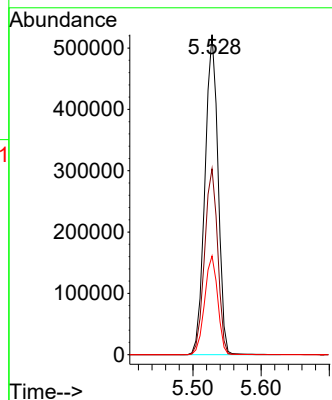
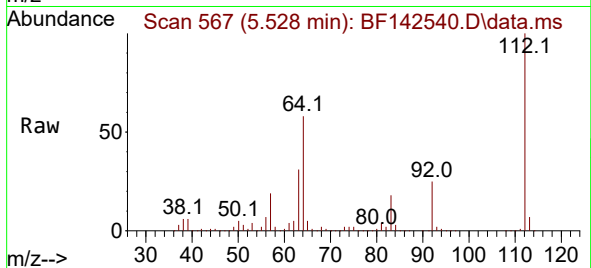
#5
2-Fluorophenol
Concen: 102.817 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion:112 Resp: 696648
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.9 24.9 37.3

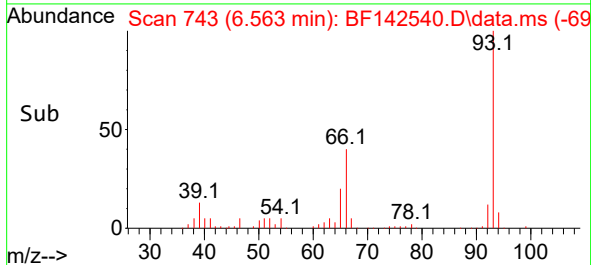
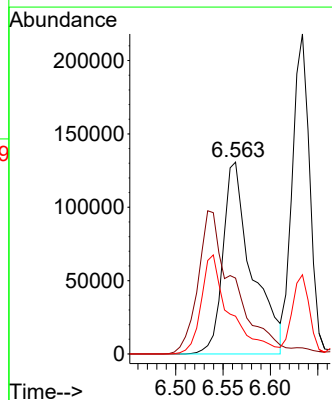
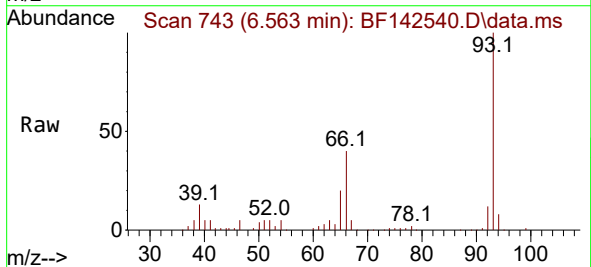
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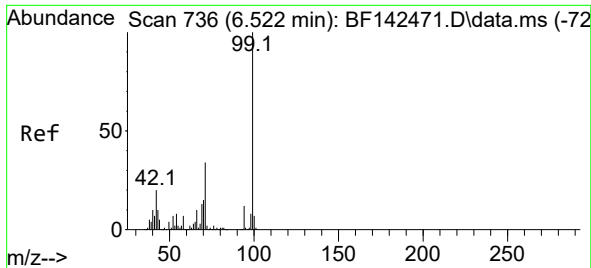
Reviewed By :Rahul Chavli 05/27/2025
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#6
Aniline
Concen: 25.245 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

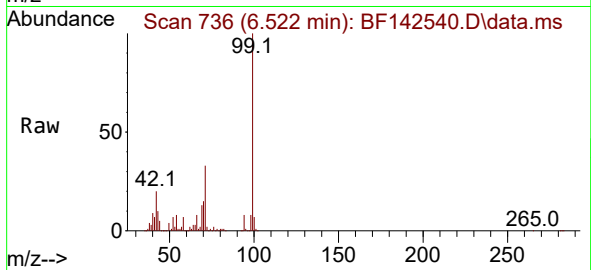
Tgt Ion: 93 Resp: 276854
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 95.619 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

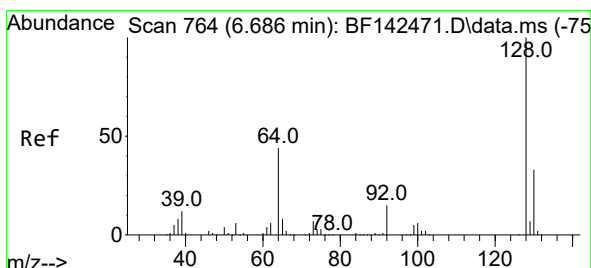
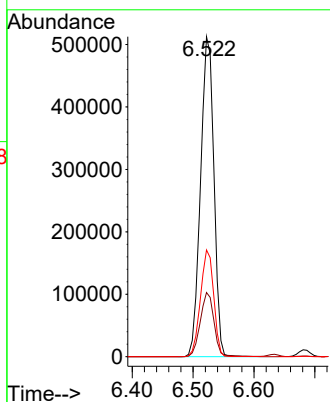
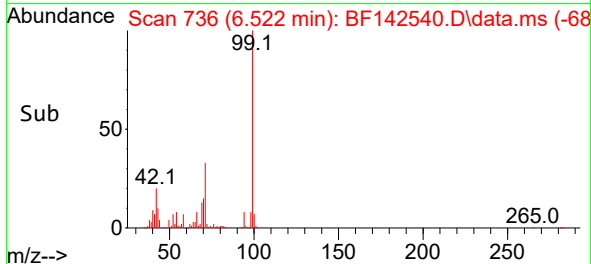
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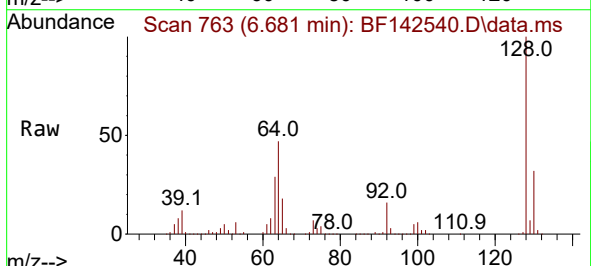
Tgt Ion: 99 Resp: 779884
Ion Ratio Lower Upper
99 100
42 20.1 16.2 24.2
71 33.4 27.3 40.9

Manual Integrations
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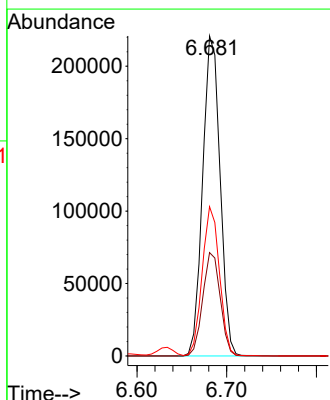
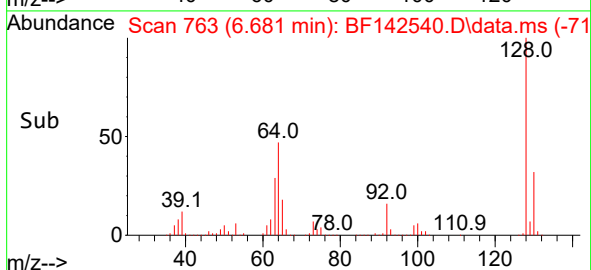
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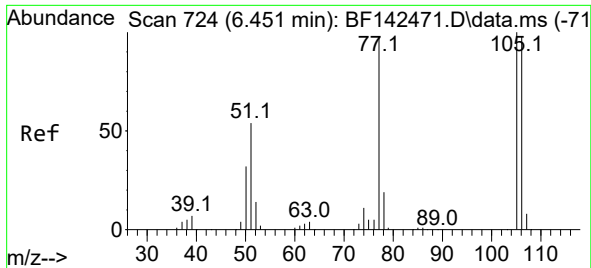


#8
2-Chlorophenol
Concen: 40.395 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:128 Resp: 298121
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.6 25.1 65.1





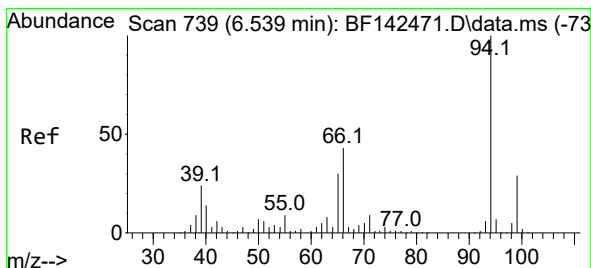
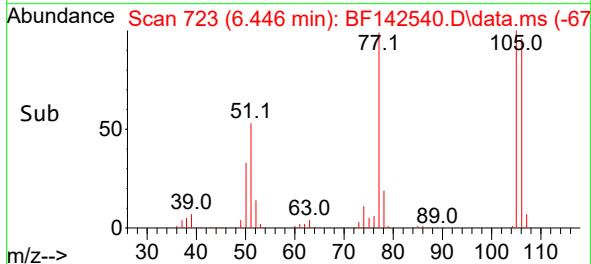
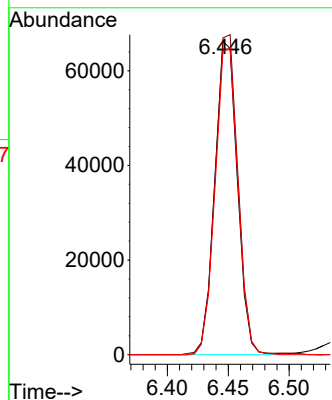
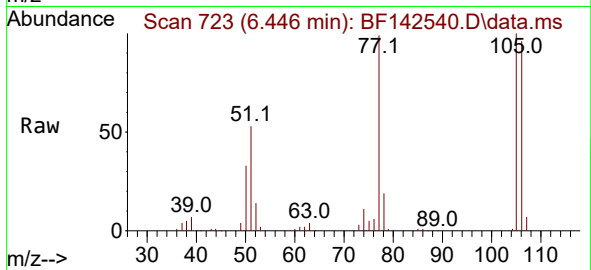
#9
Benzaldehyde
Concen: 17.402 ng
RT: 6.446 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

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Tgt Ion: 77 Resp: 85370
Ion Ratio Lower Upper
77 100
105 101.1 82.5 122.5
106 96.8 80.0 120.0

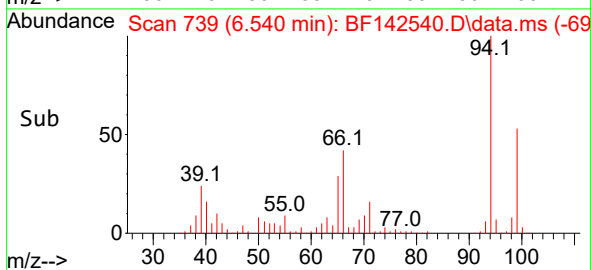
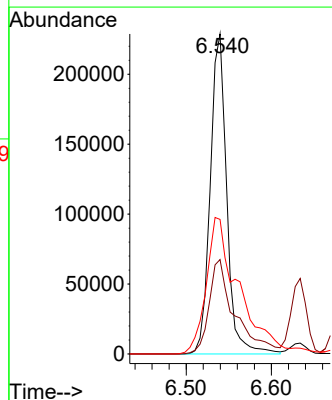
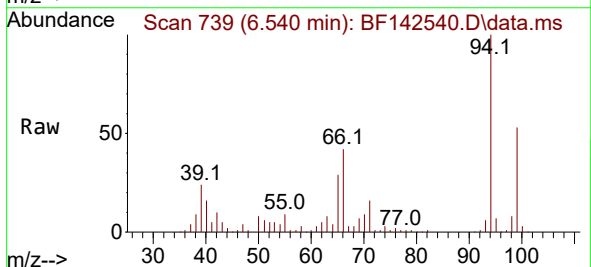
Manual Integrations
APPROVED

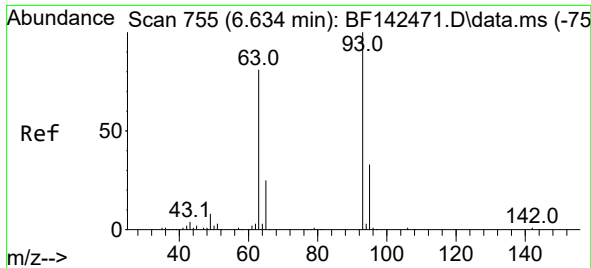
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#10
Phenol
Concen: 33.552 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 94 Resp: 307920
Ion Ratio Lower Upper
94 100
65 29.5 10.3 50.3
66 42.1 22.6 62.6





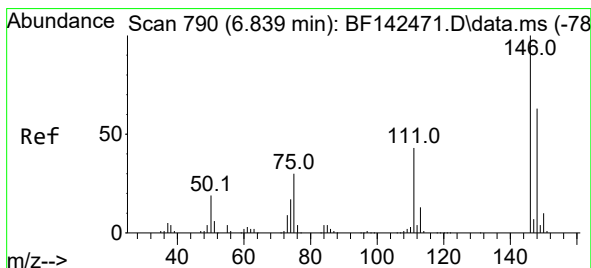
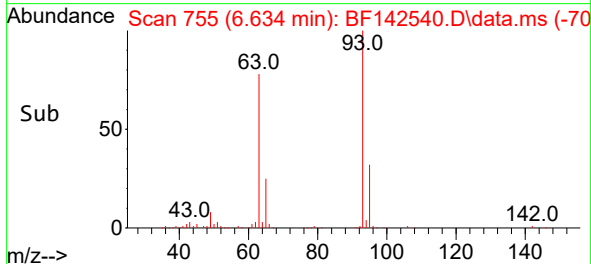
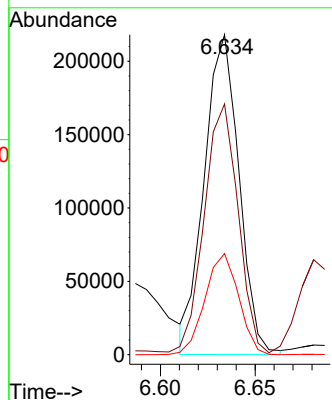
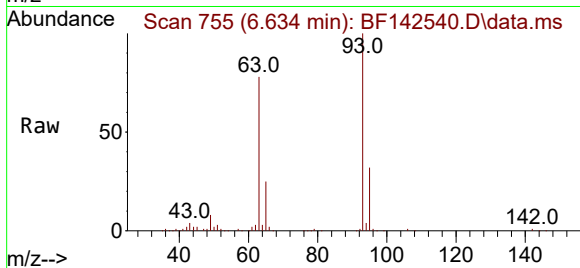
#11
bis(2-Chloroethyl)ether
Concen: 42.057 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion: 93 Resp: 277840
Ion Ratio Lower Upper
93 100
63 78.3 60.2 100.2
95 31.6 12.3 52.3

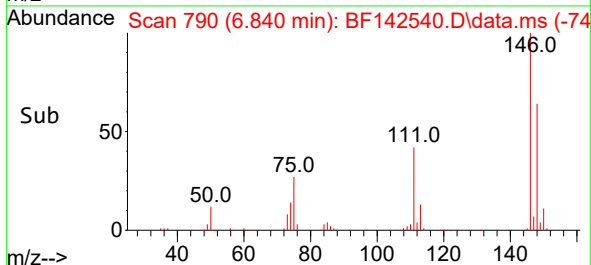
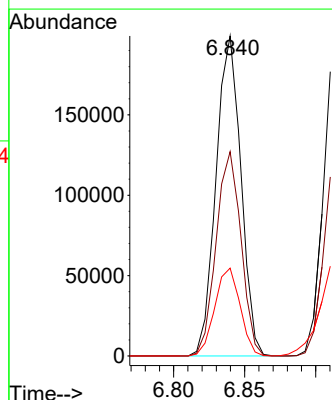
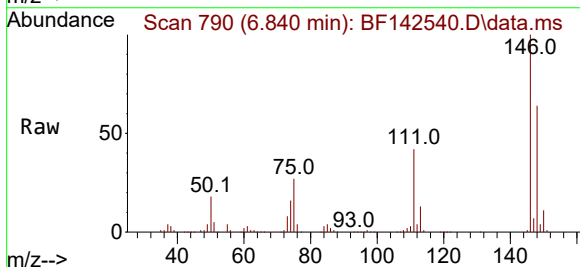
Manual Integrations
APPROVED

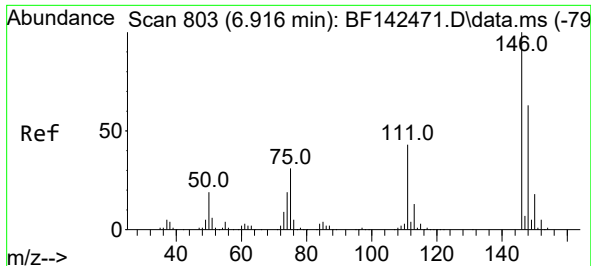
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#12
1,3-Dichlorobenzene
Concen: 29.435 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:146 Resp: 242398
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 27.4 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 30.379 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:146 Resp: 252000

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

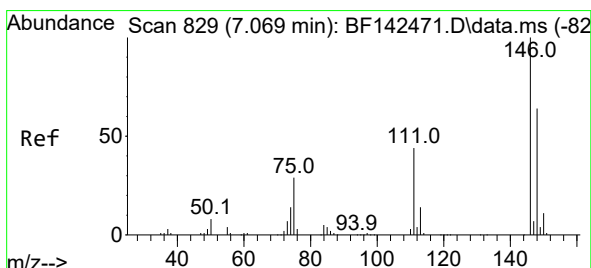
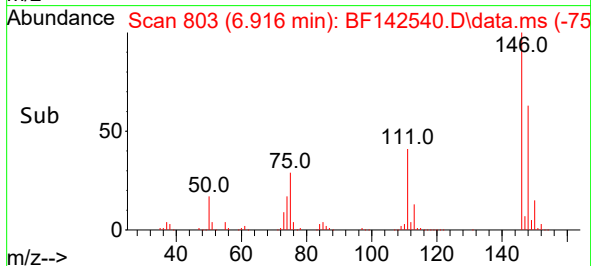
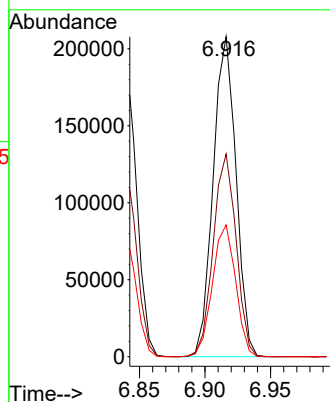
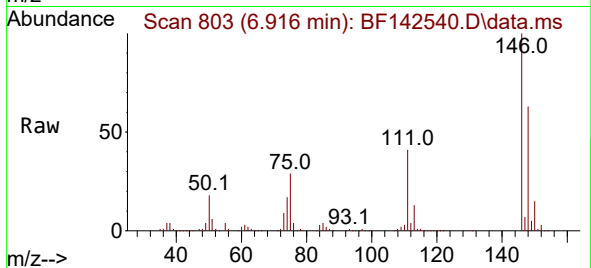
111 41.2 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#14

1,2-Dichlorobenzene

Concen: 32.237 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

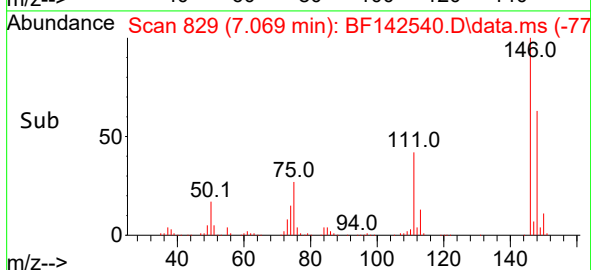
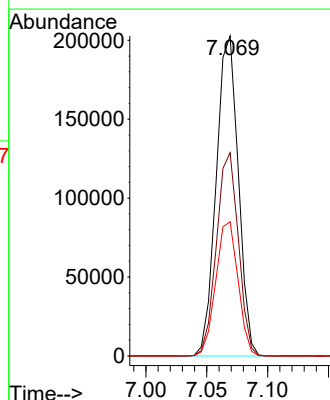
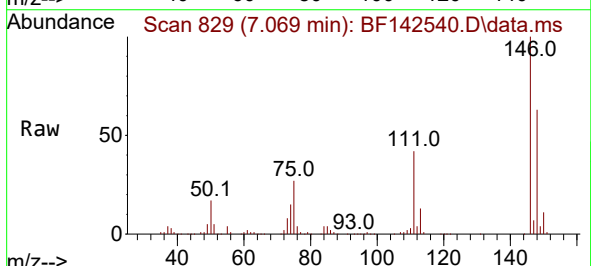
Tgt Ion:146 Resp: 255880

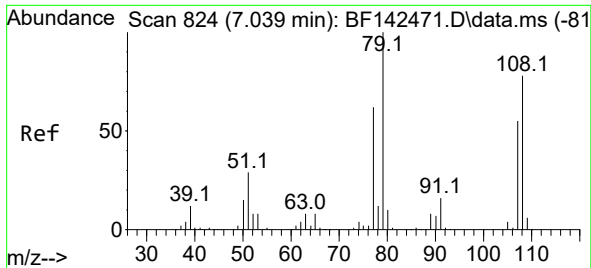
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

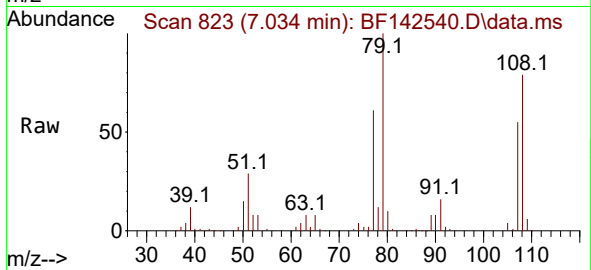
111 41.9 35.0 52.6





#15
Benzyl Alcohol
Concen: 41.416 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

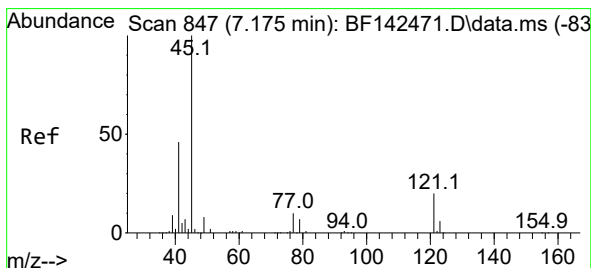
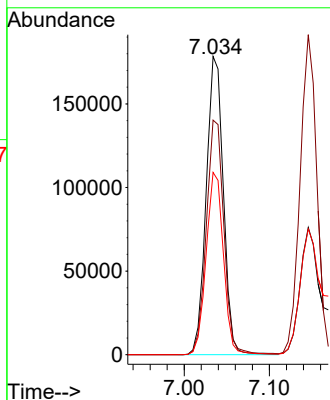
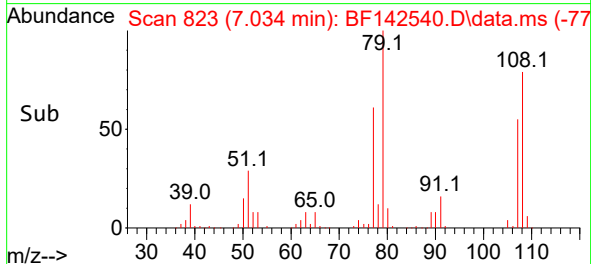
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion: 79 Resp: 249632
Ion Ratio Lower Upper
79 100
108 78.6 62.1 93.1
77 61.1 49.5 74.3

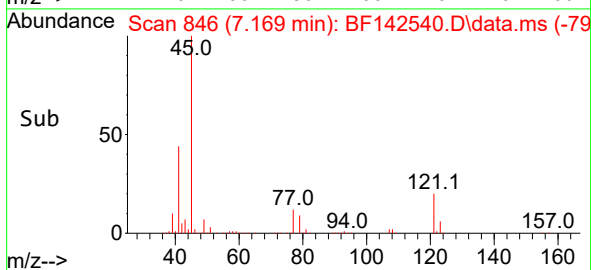
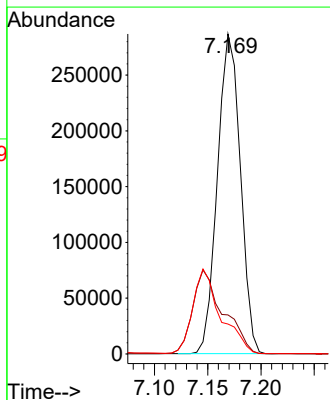
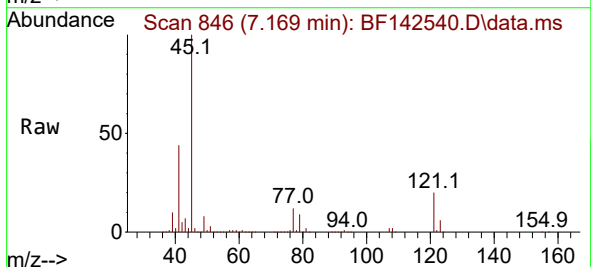
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APPROVED

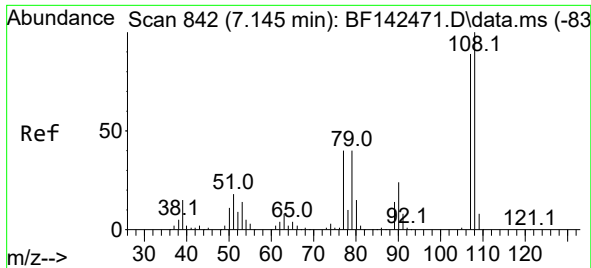
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.606 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

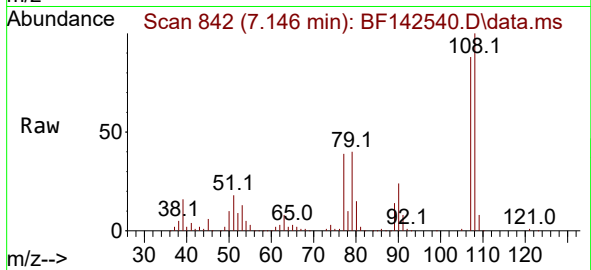
Tgt Ion: 45 Resp: 428303
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.0
79 9.3 0.0 29.2





#17
2-Methylphenol
Concen: 39.863 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

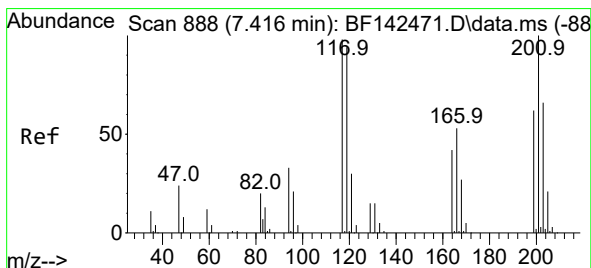
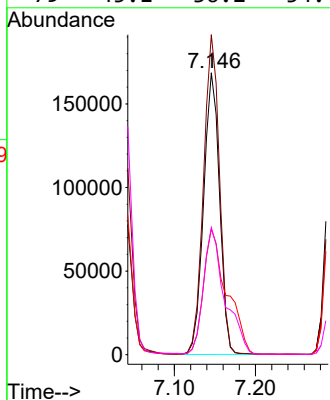
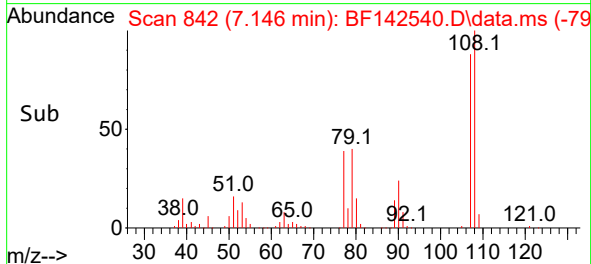
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



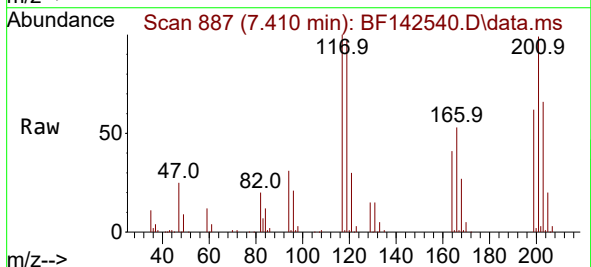
Tgt Ion:107 Resp: 229688
Ion Ratio Lower Upper
107 100
108 113.5 90.2 135.2
77 44.6 36.1 54.1
79 45.1 36.2 54.4

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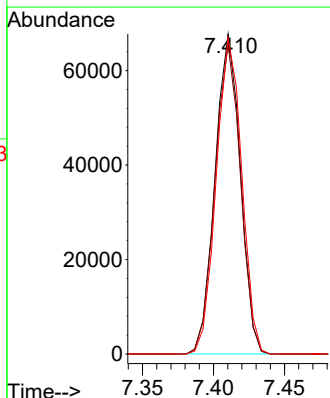
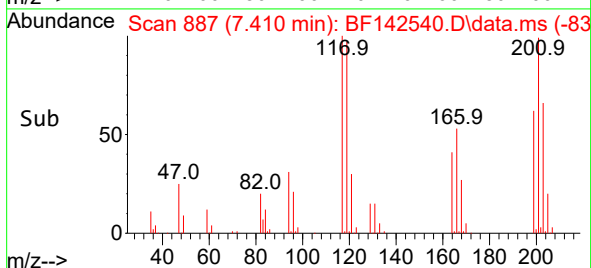
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

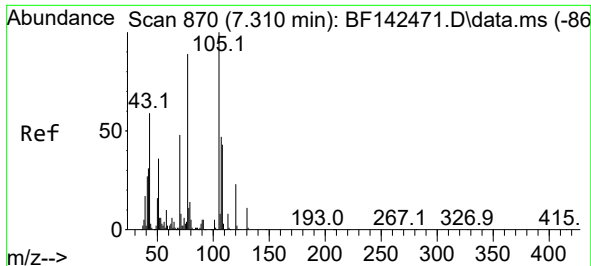


#18
Hexachloroethane
Concen: 29.037 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



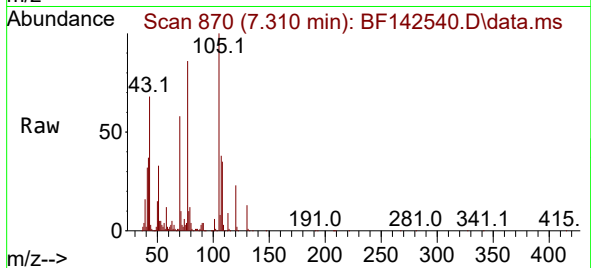
Tgt Ion:117 Resp: 84108
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 98.7 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.783 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

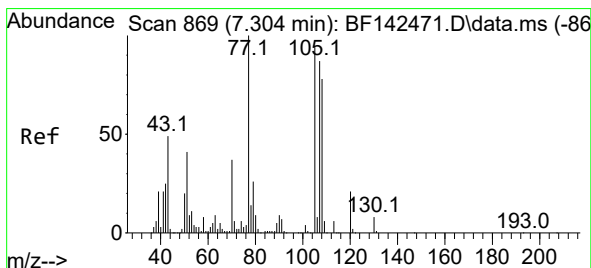
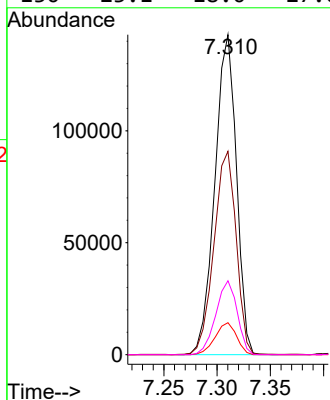
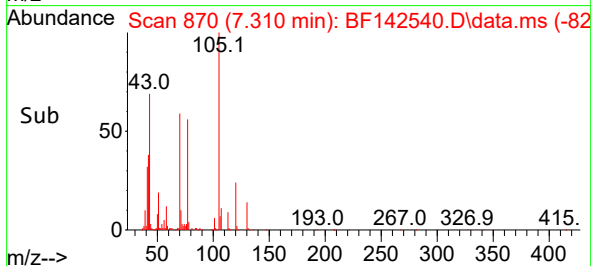
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



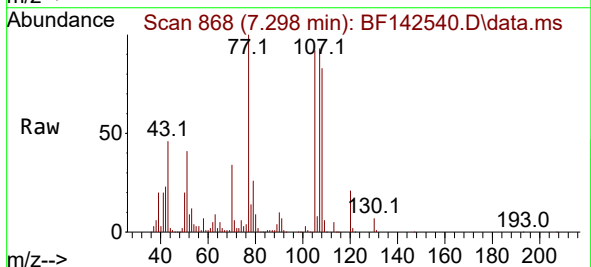
Tgt Ion: 70 Resp: 20109
Ion Ratio Lower Upper
70 100
42 63.6 52.4 78.6
101 10.0 7.8 11.8
130 23.1 18.0 27.0

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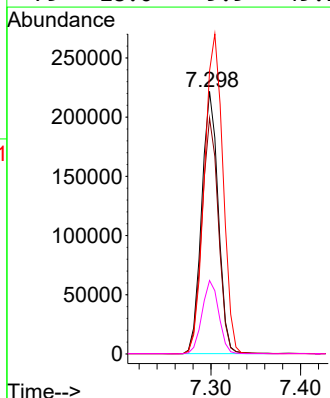
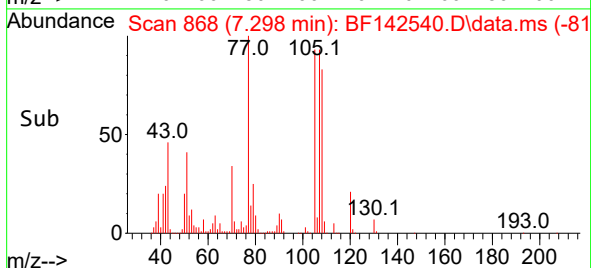
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

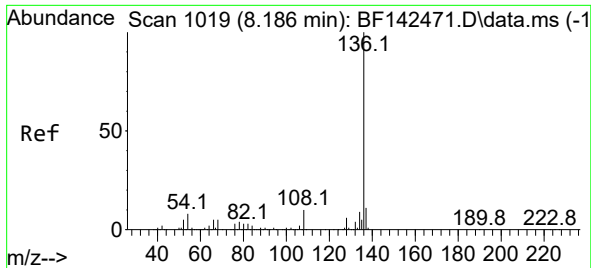


#20
3+4-Methylphenols
Concen: 38.609 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:107 Resp: 284882
Ion Ratio Lower Upper
107 100
108 89.9 70.4 110.4
77 107.9 95.4 135.4
79 28.0 9.9 49.9





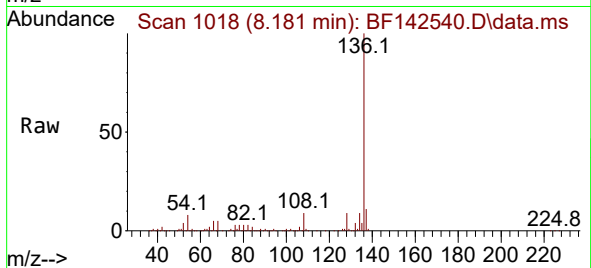
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



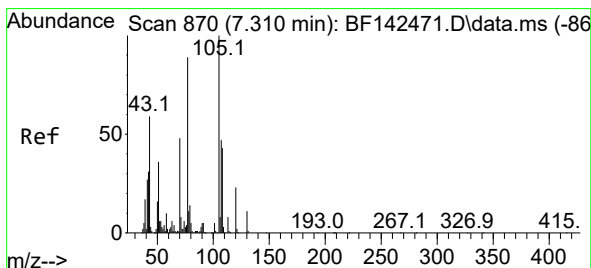
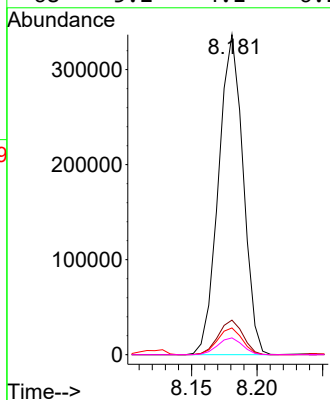
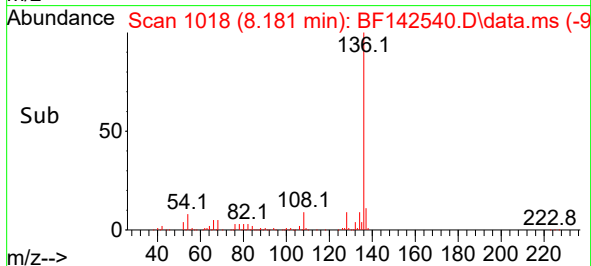
Tgt Ion:136 Resp: 439030
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.2 4.1 6.1

Manual Integrations

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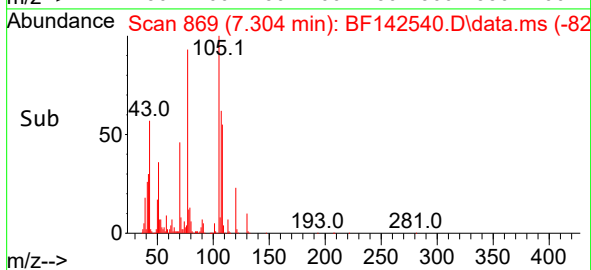
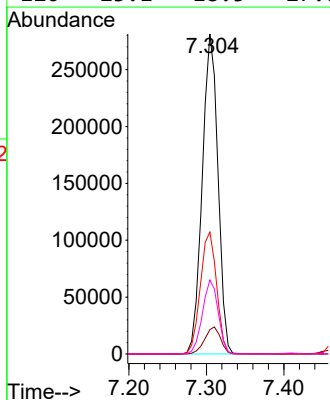
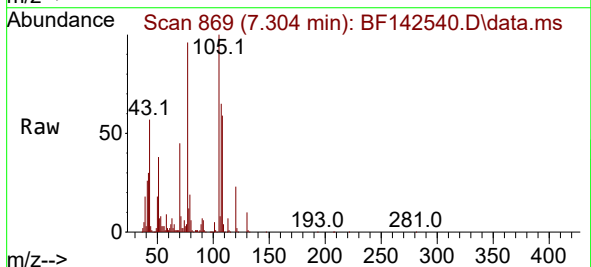
Reviewed By :Rahul Chavli 05/27/2025

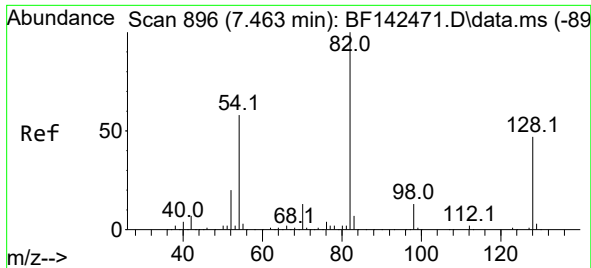
Supervised By :Jagrut Upadhyay 05/27/2025



#22
Acetophenone
Concen: 40.663 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:105 Resp: 395198
Ion Ratio Lower Upper
105 100
71 7.6 6.4 9.6
51 38.1 28.6 42.8
120 23.1 18.5 27.7





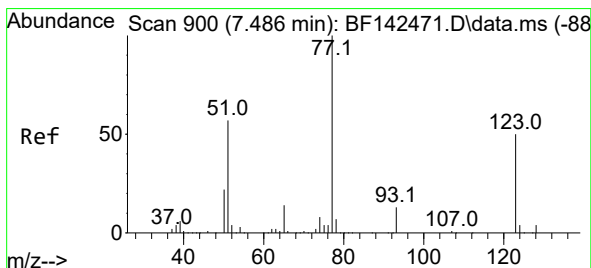
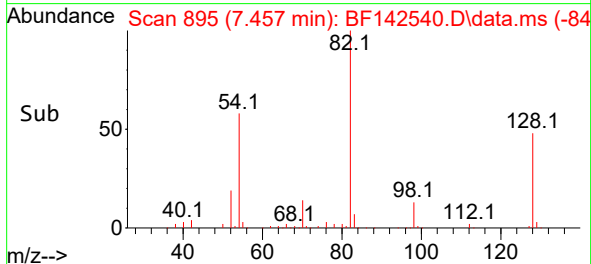
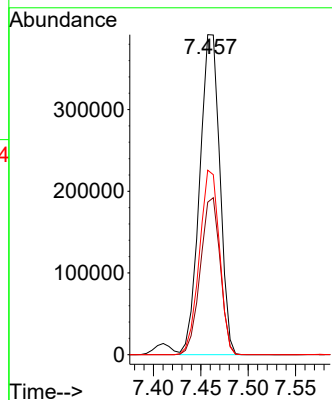
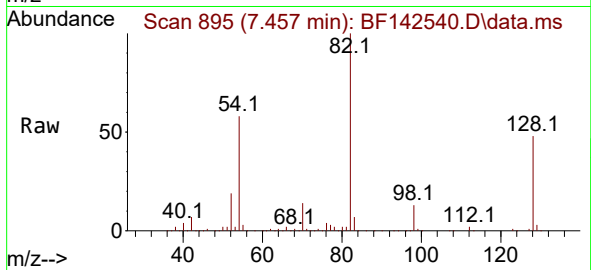
#23
Nitrobenzene-d5
Concen: 71.923 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion: 82 Resp: 579080
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.2
54 57.6 46.6 70.0

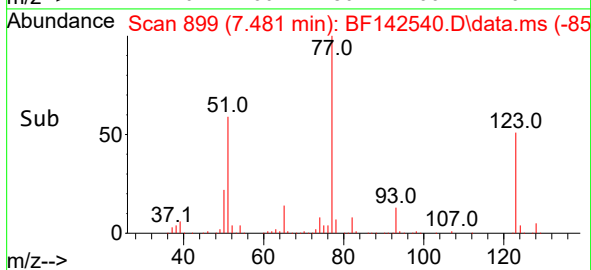
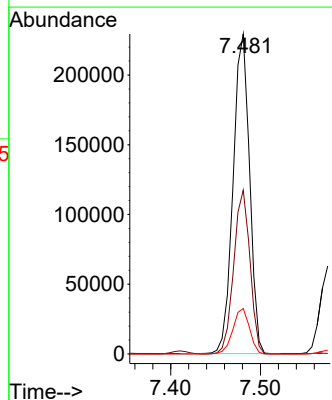
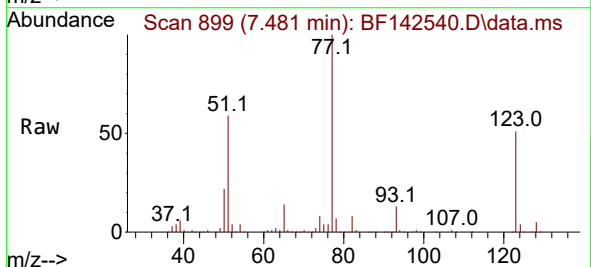
Manual Integrations
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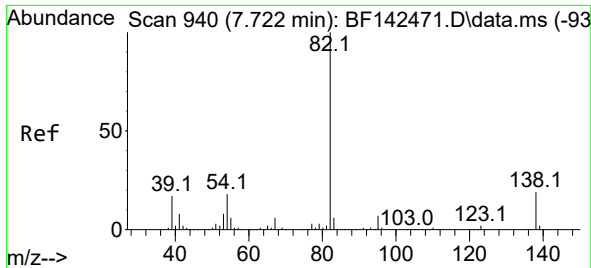
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#24
Nitrobenzene
Concen: 40.175 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 77 Resp: 291736
Ion Ratio Lower Upper
77 100
123 51.2 40.6 61.0
65 14.2 11.4 17.2





#25
Isophorone
Concen: 40.981 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

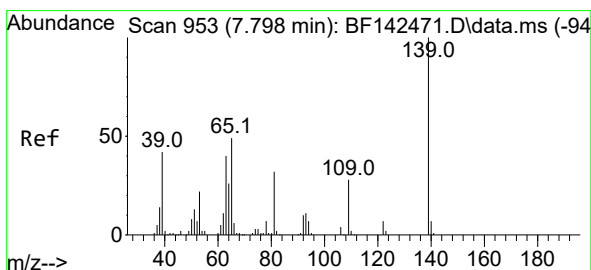
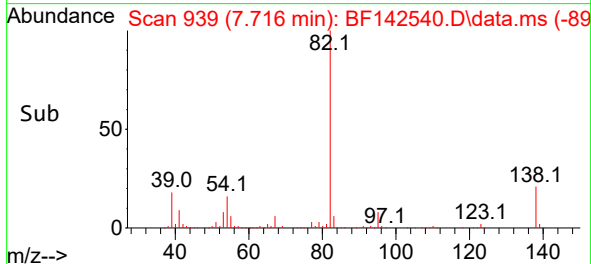
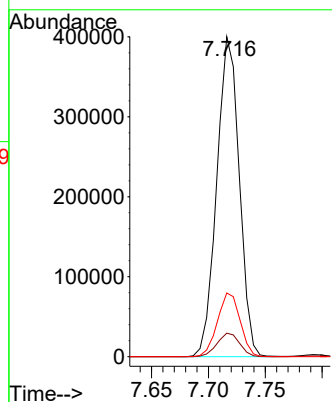
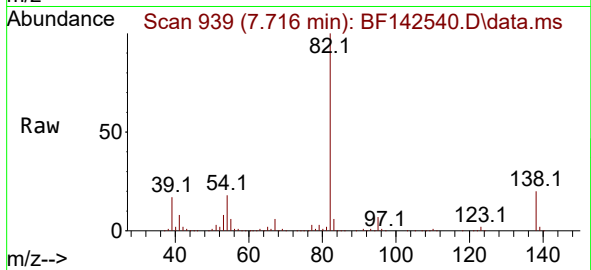
WCS-TP1MS

Tgt Ion: 82 Resp: 55166
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.9 15.5 23.3

Manual Integrations

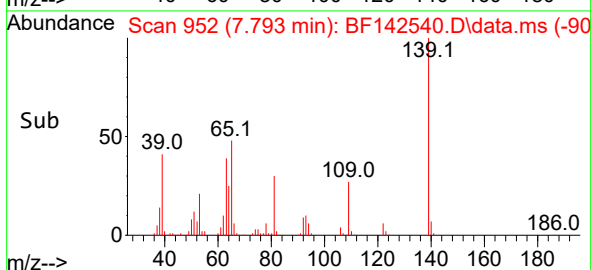
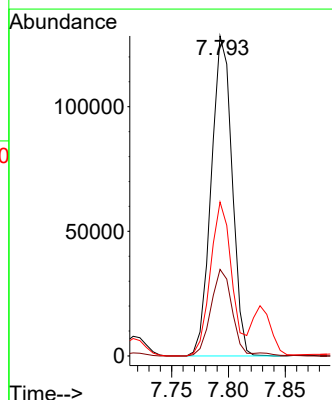
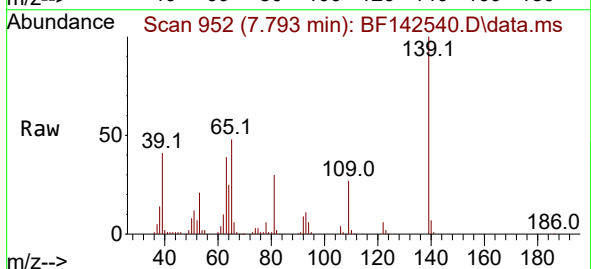
APPROVED

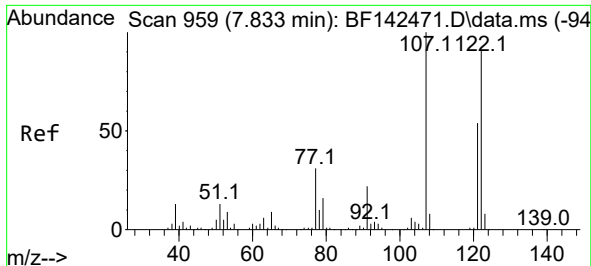
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#26
2-Nitrophenol
Concen: 42.254 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:139 Resp: 163953
Ion Ratio Lower Upper
139 100
109 27.1 22.6 33.8
65 48.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 41.110 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

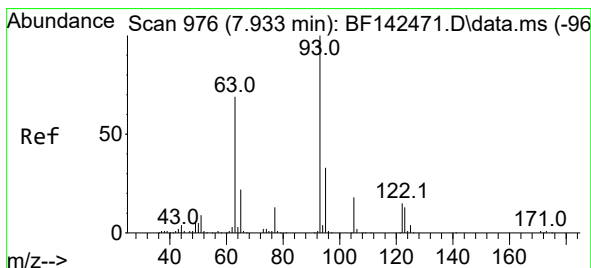
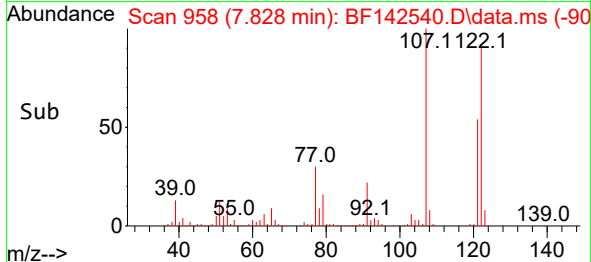
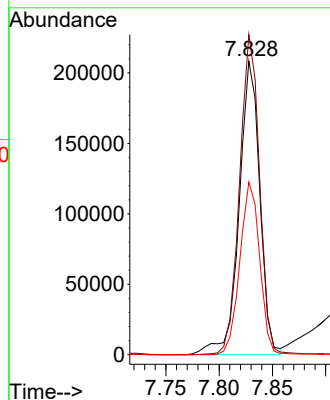
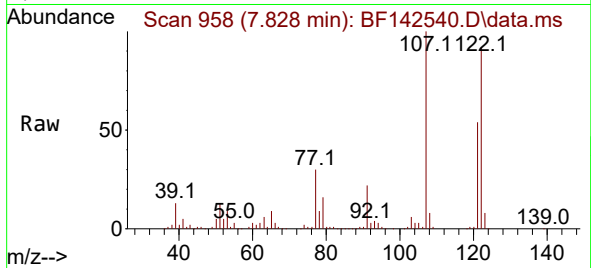
Tgt Ion:122 Resp: 28130
 Ion Ratio Lower Upper
 122 100
 107 109.0 88.1 132.1
 121 58.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.453 ng

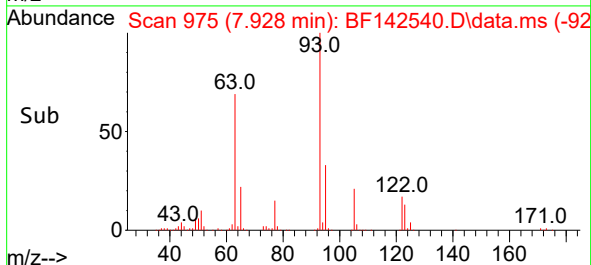
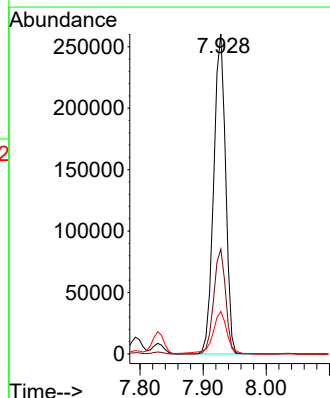
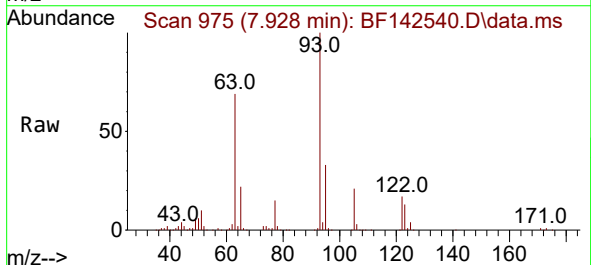
RT: 7.928 min Scan# 975

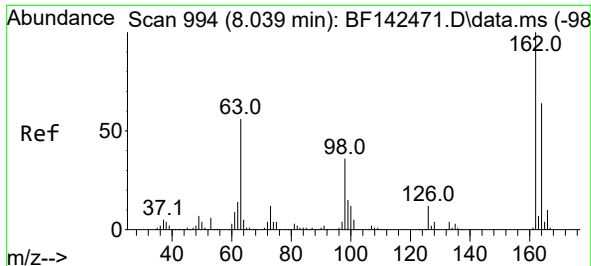
Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Tgt Ion: 93 Resp: 340174
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 13.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.430 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:162 Resp: 257814

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

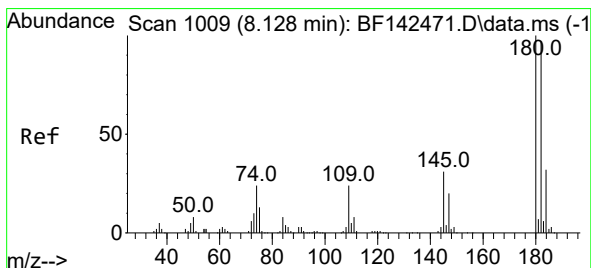
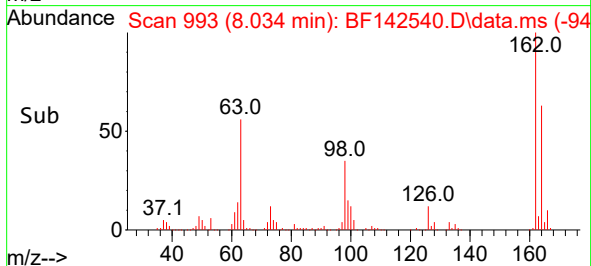
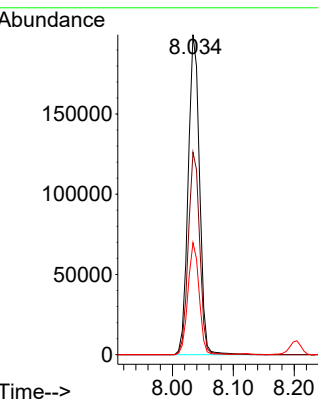
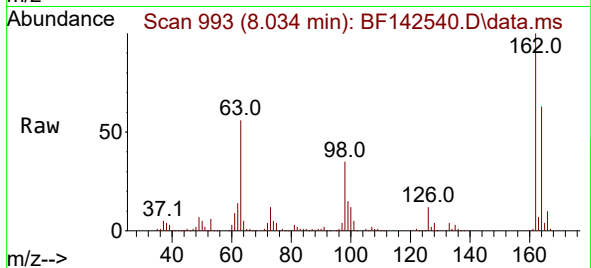
98 35.0 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.057 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

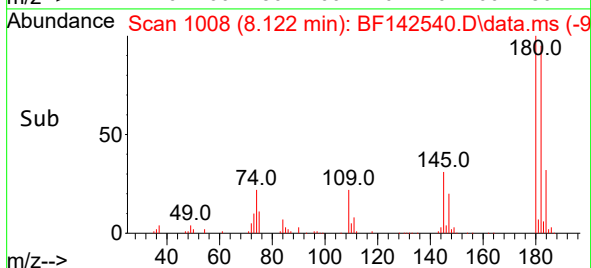
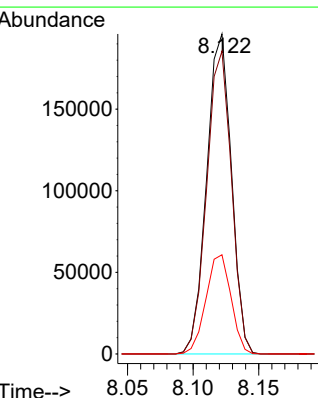
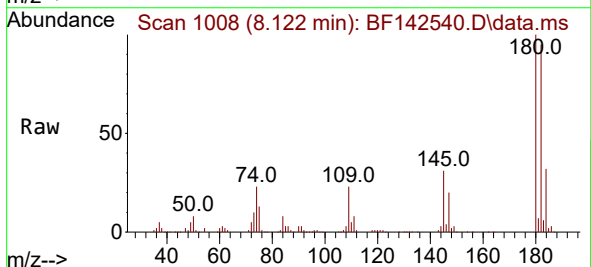
Tgt Ion:180 Resp: 257019

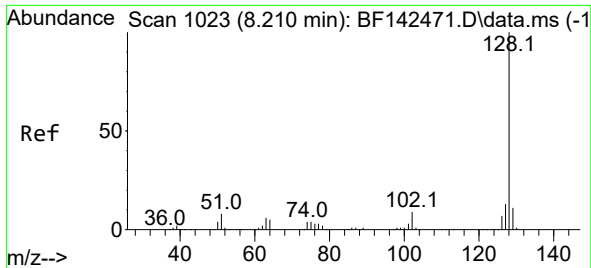
Ion Ratio Lower Upper

180 100

182 94.6 78.0 117.0

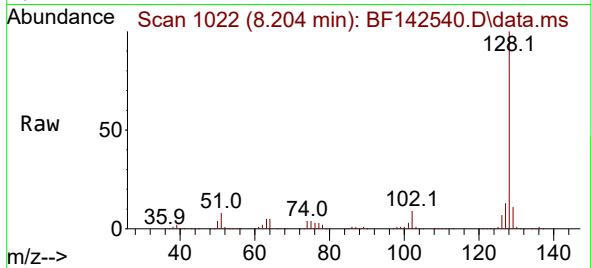
145 31.0 25.0 37.6





#31
Naphthalene
Concen: 38.829 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

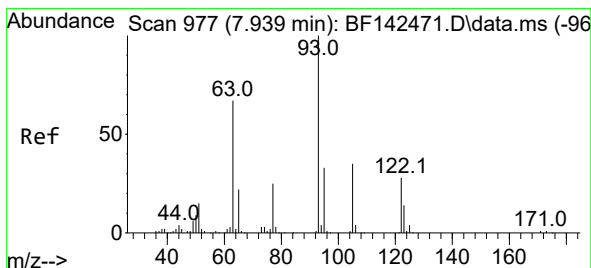
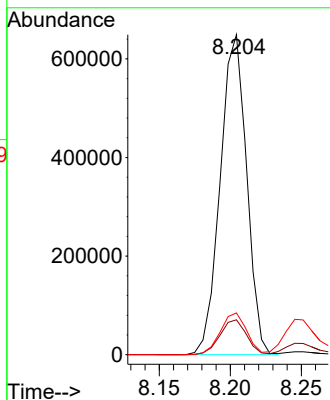
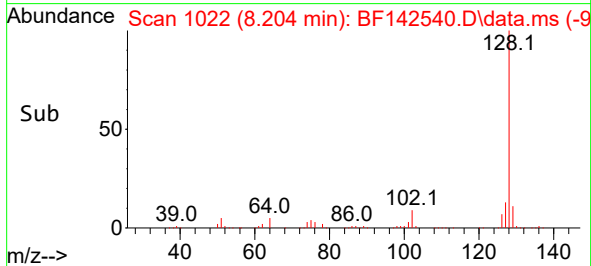
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:128 Resp: 839400
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.5 15.7

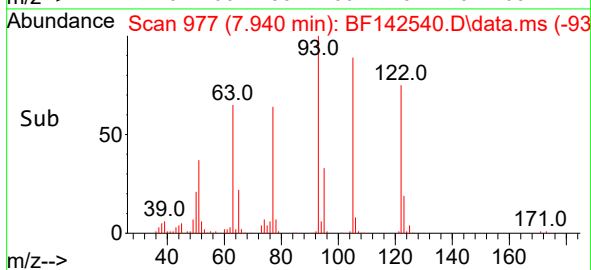
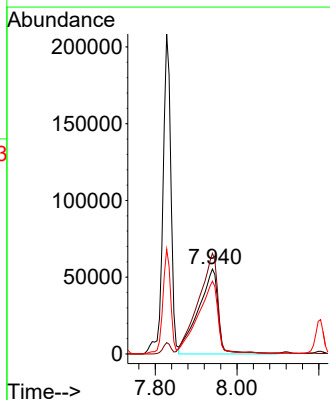
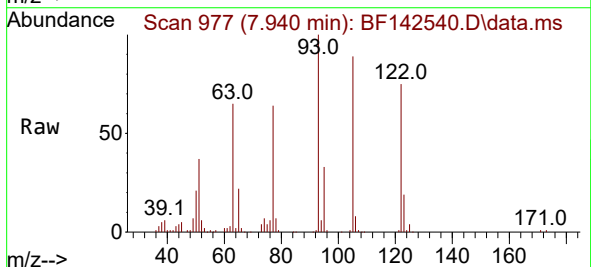
Manual Integrations
APPROVED

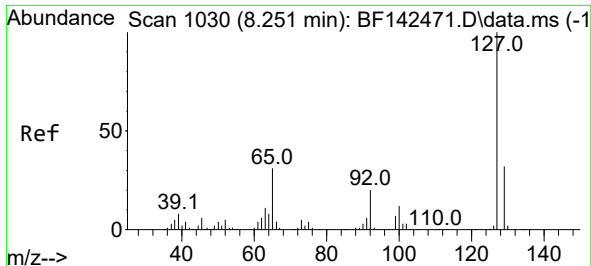
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 44.730 ng m
RT: 7.940 min Scan# 977
Delta R.T. -0.035 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

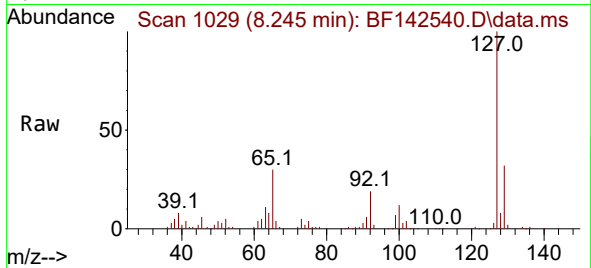
Tgt Ion:122 Resp: 186315
Ion Ratio Lower Upper
122 100
105 118.6 101.7 141.7
77 85.8 69.5 109.5





#33
4-Chloroaniline
Concen: 20.719 ng m
RT: 8.245 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

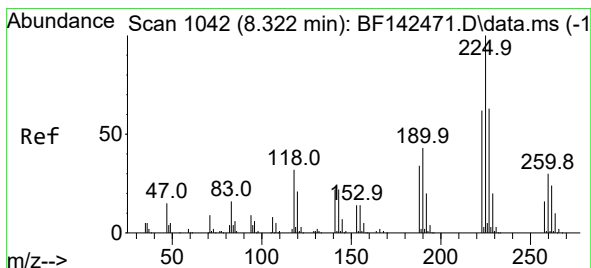
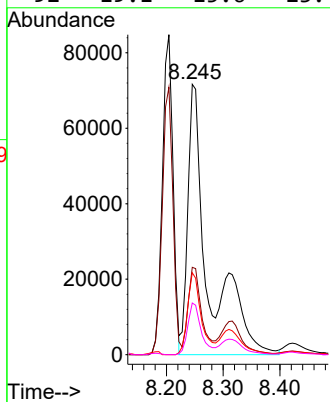
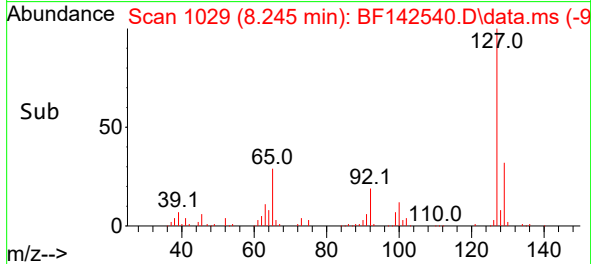
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:127 Resp: 18149
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1
65 30.3 24.9 37.3
92 19.1 15.6 23.4

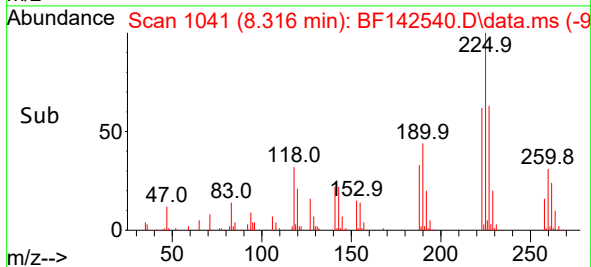
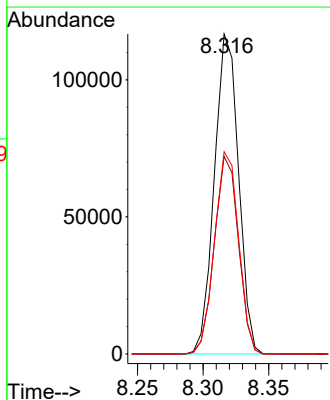
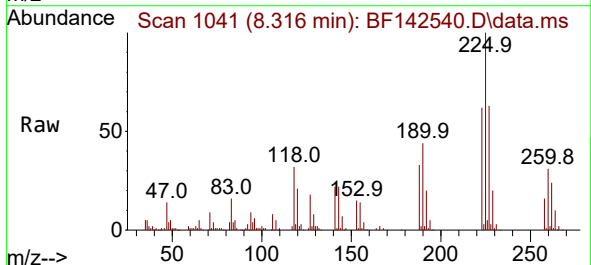
Manual Integrations
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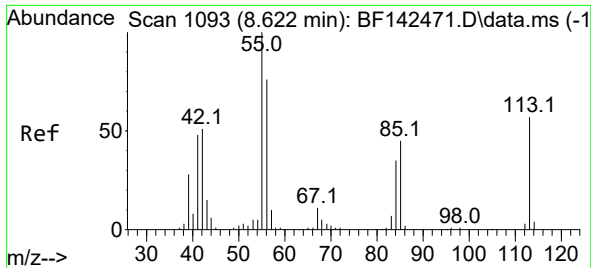
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#34
Hexachlorobutadiene
Concen: 35.415 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

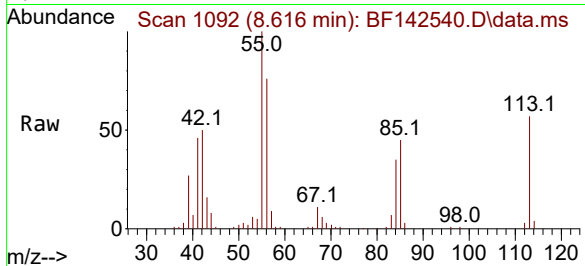
Tgt Ion:225 Resp: 149343
Ion Ratio Lower Upper
225 100
223 61.7 49.7 74.5
227 63.2 50.3 75.5





#35
Caprolactam
Concen: 37.789 ng m
RT: 8.616 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

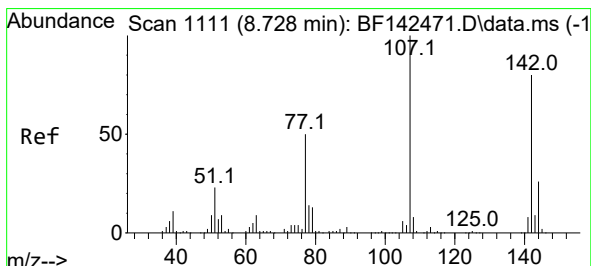
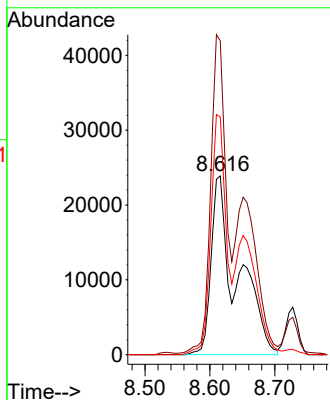
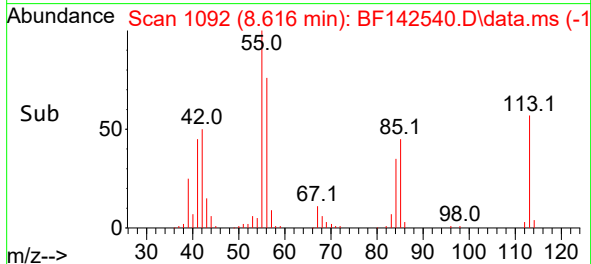
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:113 Resp: 6604
Ion Ratio Lower Upper
113 100
55 175.6 154.7 194.7
56 132.9 113.2 153.2

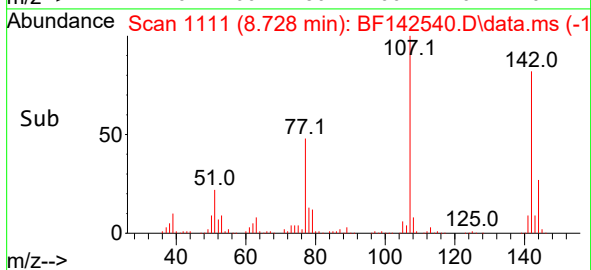
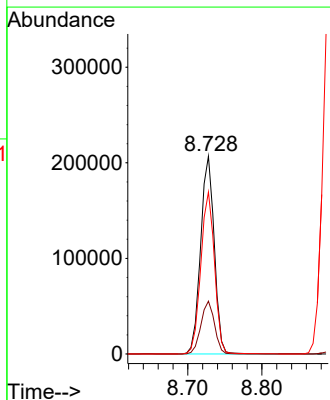
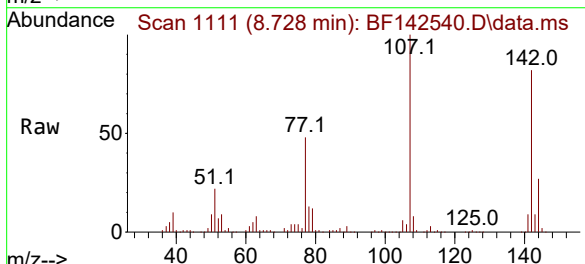
Manual Integrations
APPROVED

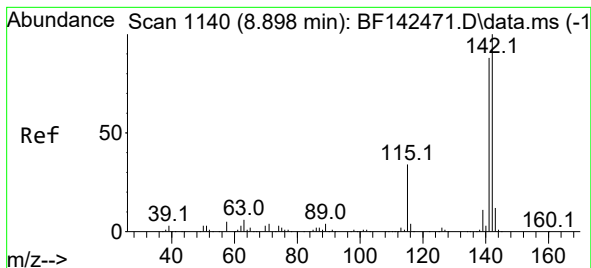
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#36
4-Chloro-3-methylphenol
Concen: 41.464 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

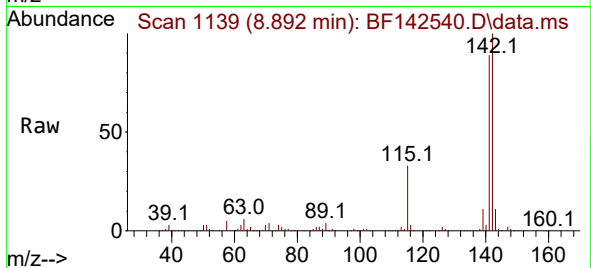
Tgt Ion:107 Resp: 264436
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 81.9 64.2 96.2





#37
2-Methylnaphthalene
Concen: 39.769 ng
RT: 8.892 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

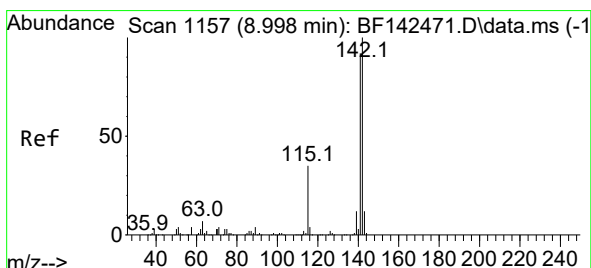
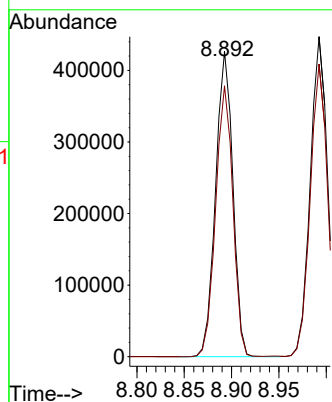
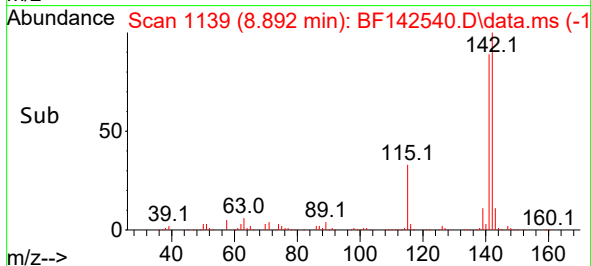
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:142 Resp: 540870
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1

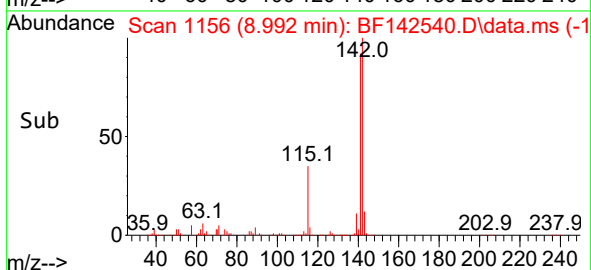
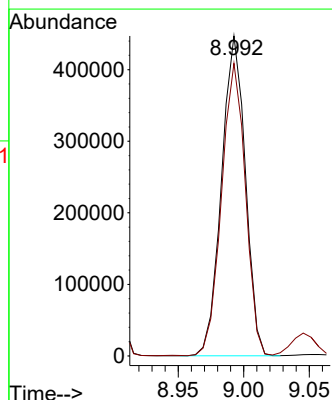
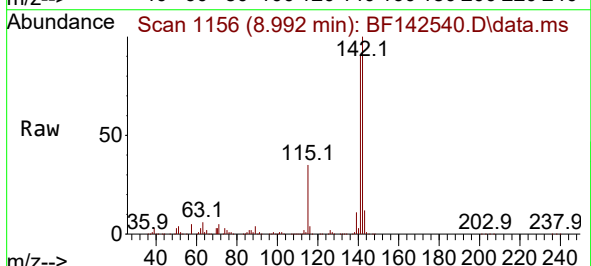
Manual Integrations
APPROVED

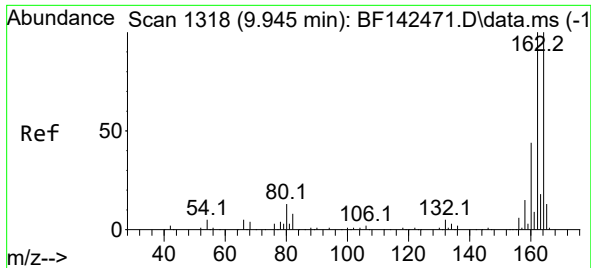
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 40.116 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion:142 Resp: 564351
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:164 Resp: 231892

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.4

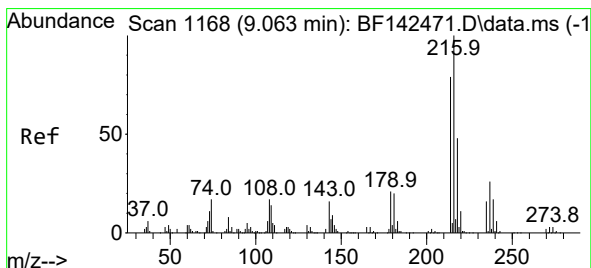
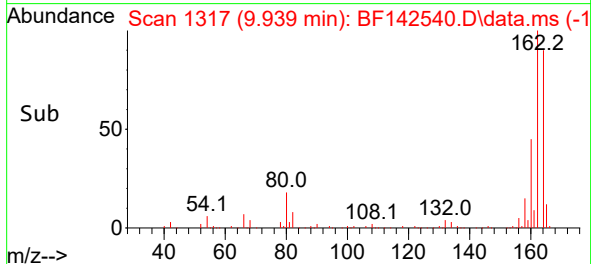
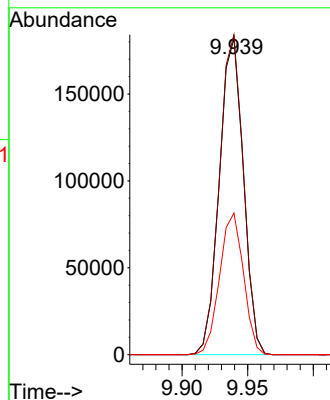
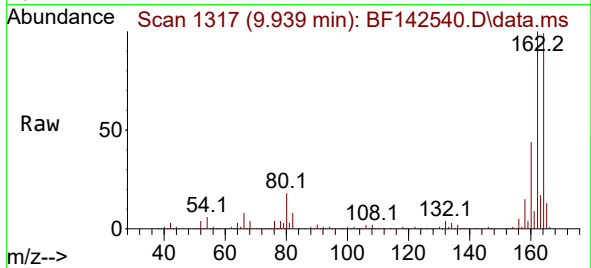
160 44.8 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.302 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Tgt Ion:216 Resp: 274930

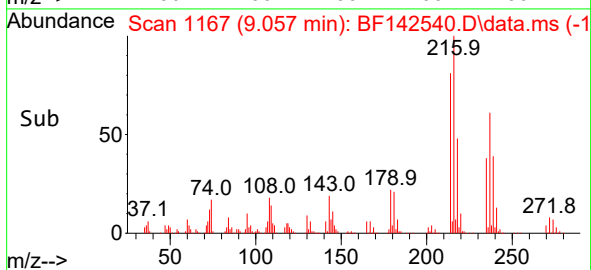
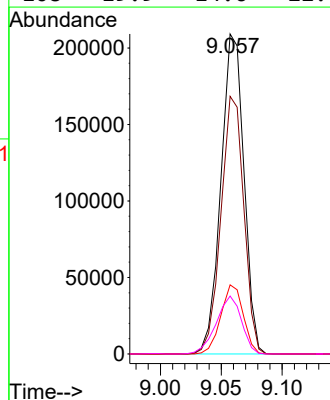
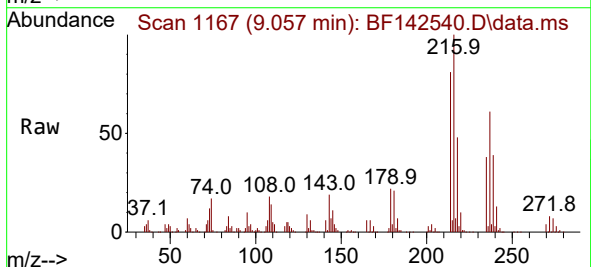
Ion Ratio Lower Upper

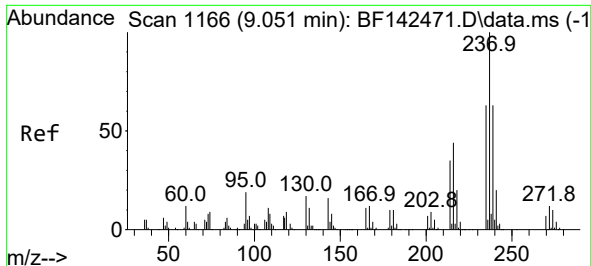
216 100

214 79.9 62.9 94.3

179 21.1 16.9 25.3

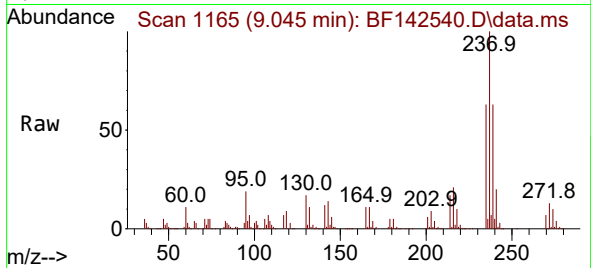
108 19.9 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 77.701 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

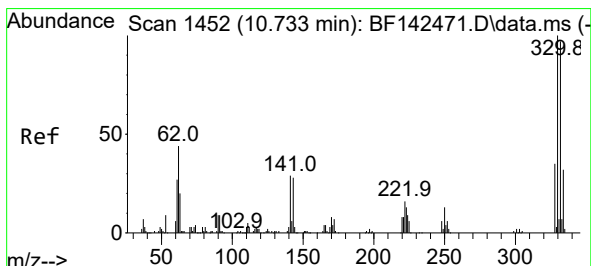
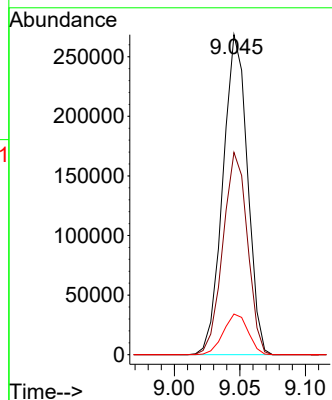
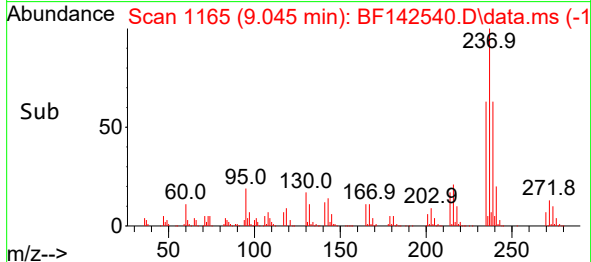
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



Tgt Ion:237 Resp: 348914
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.4

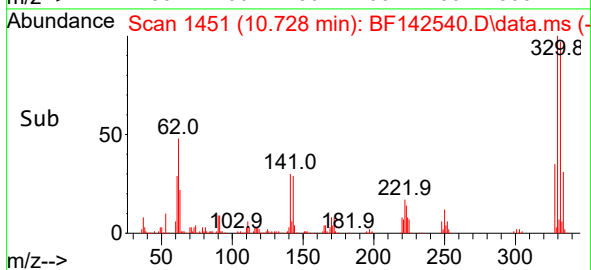
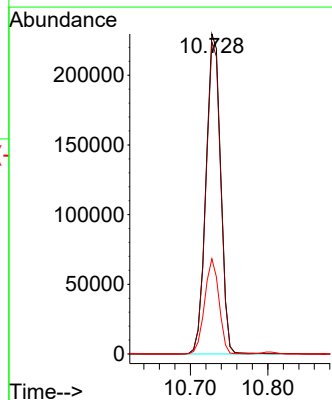
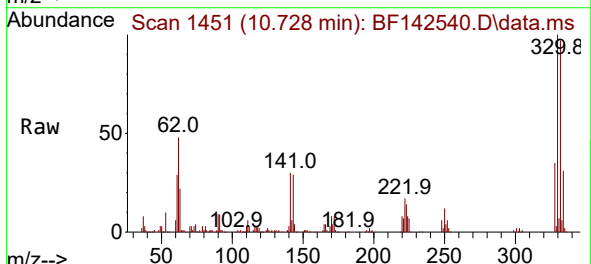
Manual Integrations
APPROVED

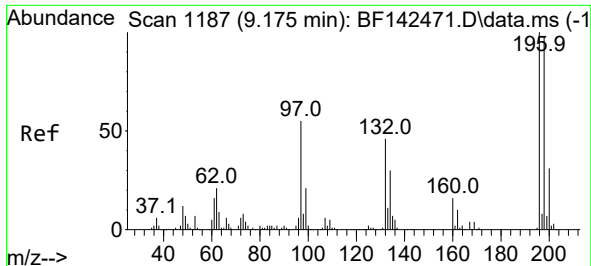
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#42
2,4,6-Tribromophenol
Concen: 117.713 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

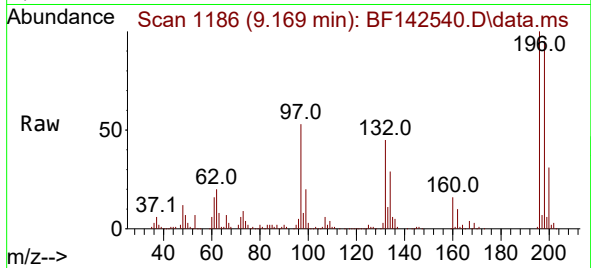
Tgt Ion:330 Resp: 302959
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 28.9 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 43.215 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

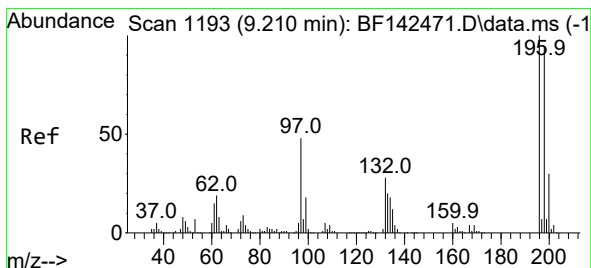
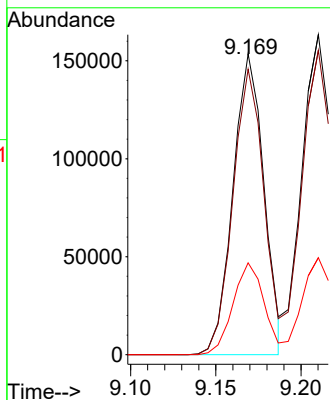
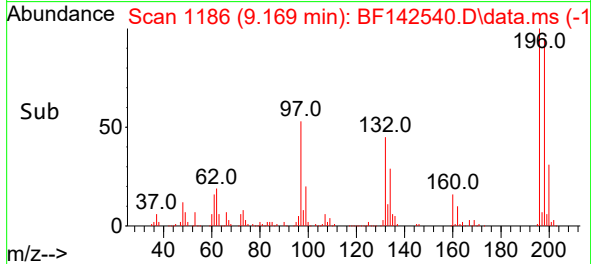
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



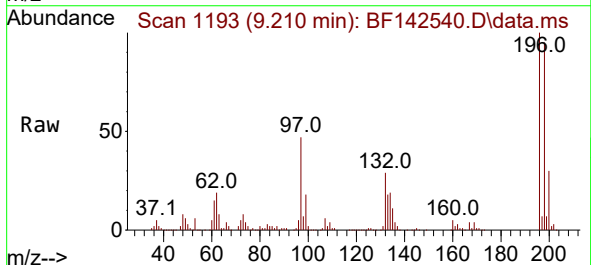
Tgt Ion:196 Resp: 193979
Ion Ratio Lower Upper
196 100
198 94.9 78.8 118.2
200 30.5 24.9 37.3

Manual Integrations
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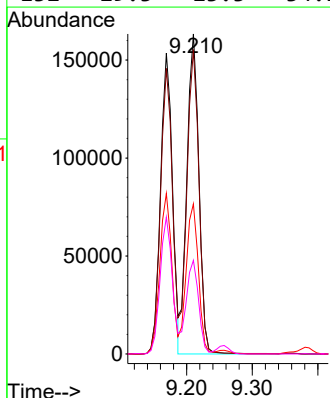
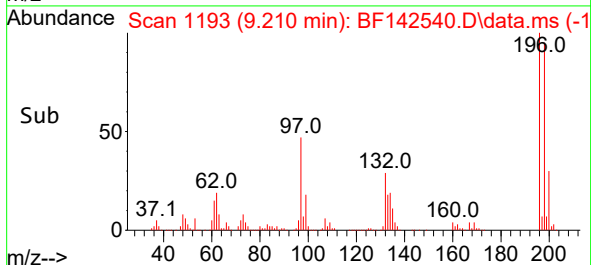
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

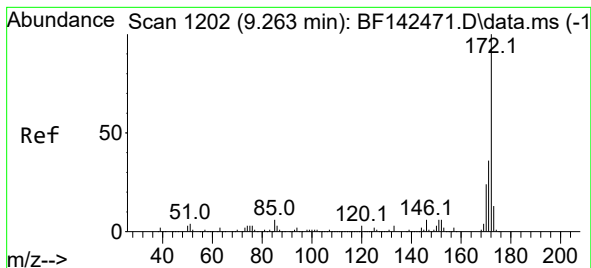


#44
2,4,5-Trichlorophenol
Concen: 43.968 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:196 Resp: 208142
Ion Ratio Lower Upper
196 100
198 95.1 75.5 113.3
97 46.9 39.3 58.9
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.356 ng

RT: 9.257 min Scan# 119856

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:172 Resp: 119856

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

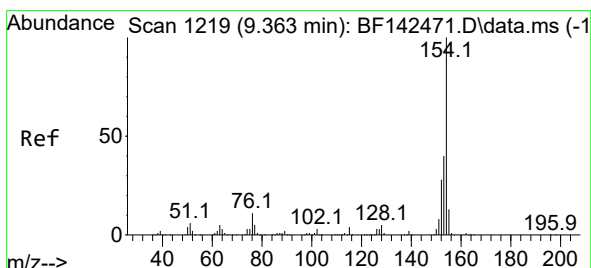
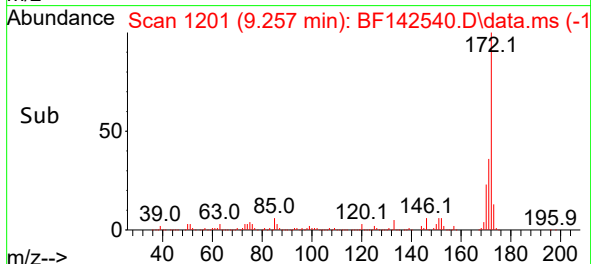
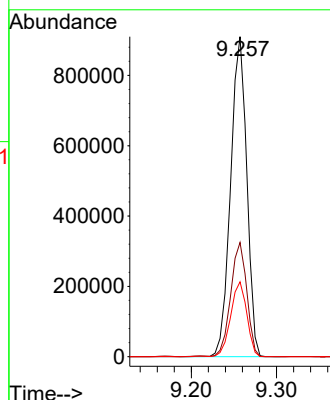
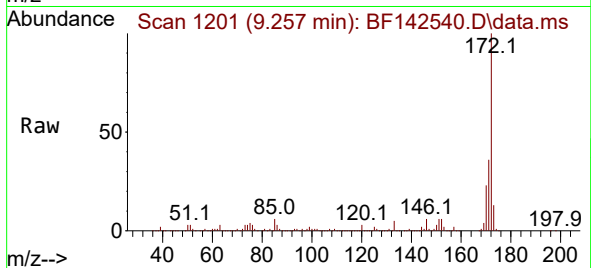
170 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#46

1,1'-Biphenyl

Concen: 42.283 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

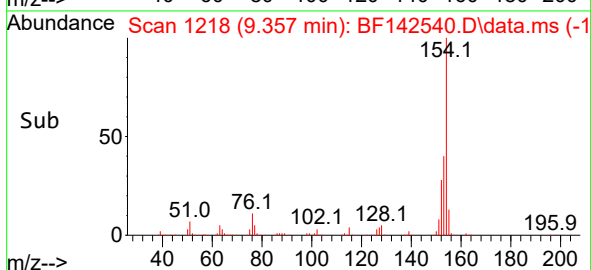
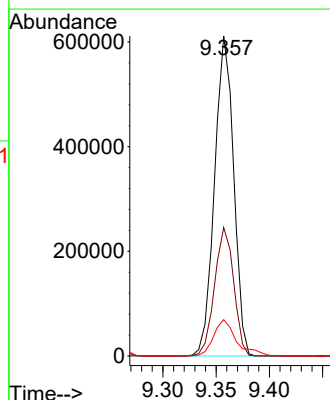
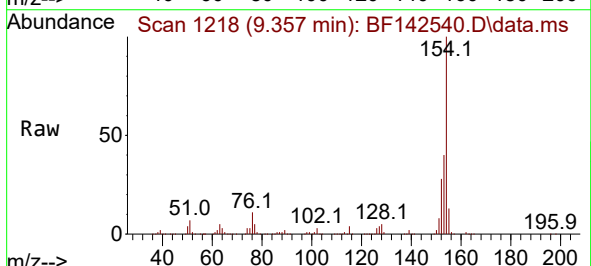
Tgt Ion:154 Resp: 760691

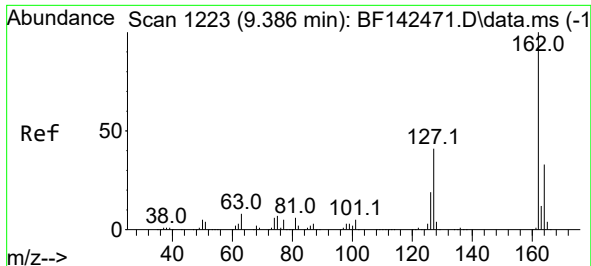
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 11.3 0.0 30.8





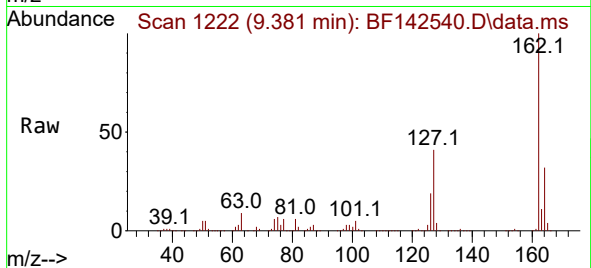
#47
2-Chloronaphthalene
Concen: 42.263 ng
RT: 9.381 min Scan# 1223
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



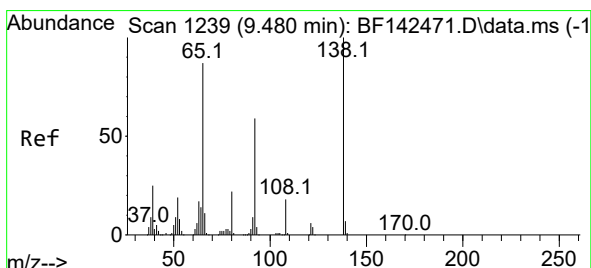
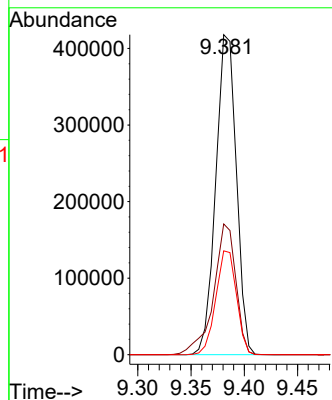
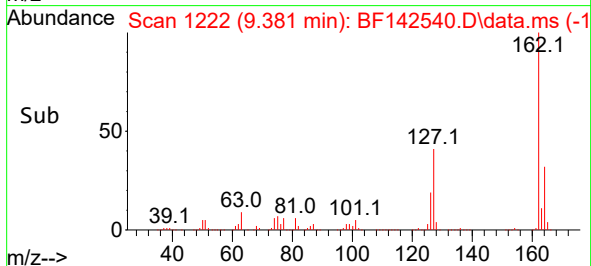
Tgt Ion:162 Resp: 56176
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.5 26.1 39.1

Manual Integrations

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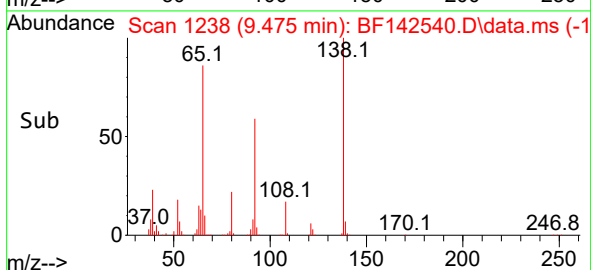
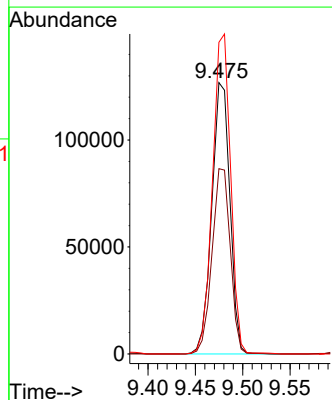
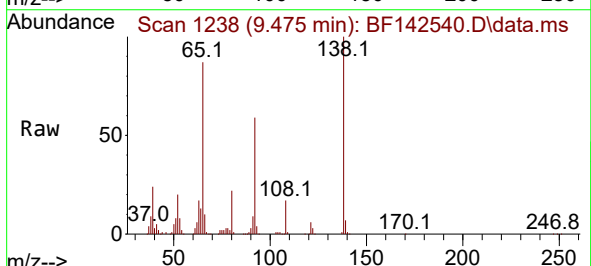
Reviewed By :Rahul Chavli 05/27/2025

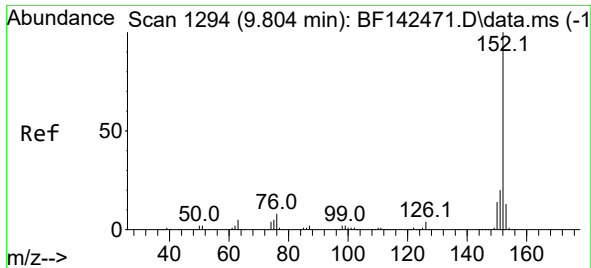
Supervised By :Jagrut Upadhyay 05/27/2025



#48
2-Nitroaniline
Concen: 43.929 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Tgt Ion: 65 Resp: 168774
Ion Ratio Lower Upper
65 100
92 68.2 54.4 81.6
138 114.8 91.4 137.2





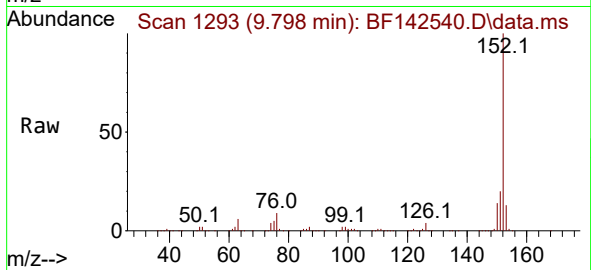
#49
Acenaphthylene
Concen: 41.933 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



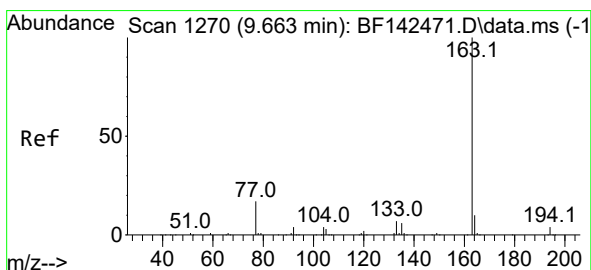
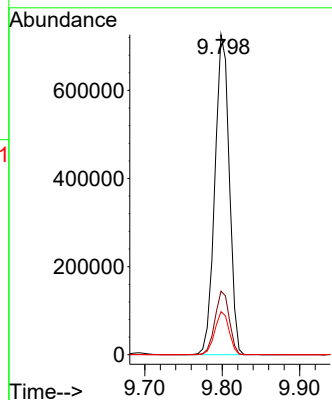
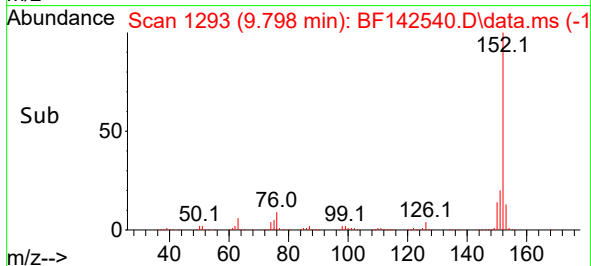
Tgt Ion:152 Resp: 941180
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.5 10.6 15.8

Manual Integrations

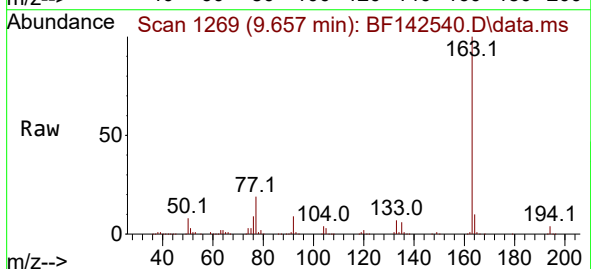
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

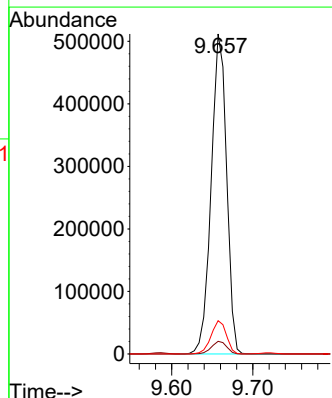
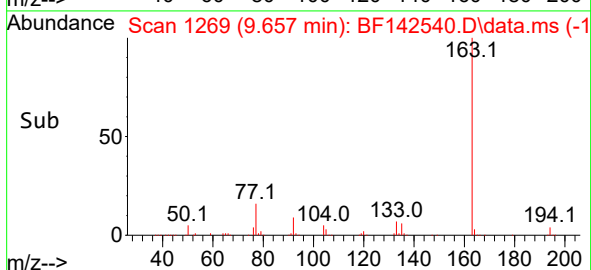
Supervised By :Jagrut Upadhyay 05/27/2025

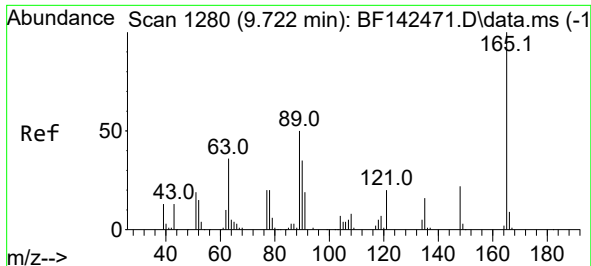


#50
Dimethylphthalate
Concen: 44.048 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:163 Resp: 673979
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.2 12.4





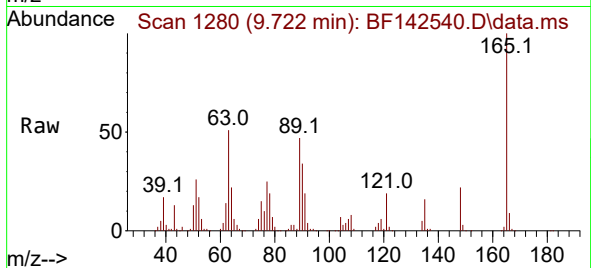
#51
2,6-Dinitrotoluene
Concen: 44.928 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



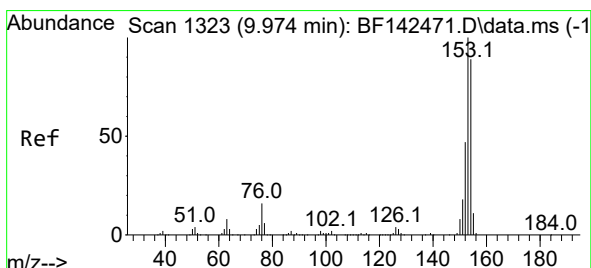
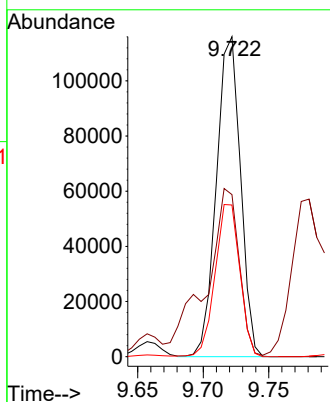
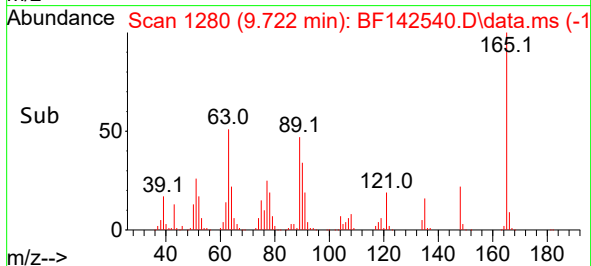
Tgt Ion:165 Resp: 14837
Ion Ratio Lower Upper
165 100
63 50.7 42.9 64.3
89 47.4 40.2 60.4

Manual Integrations

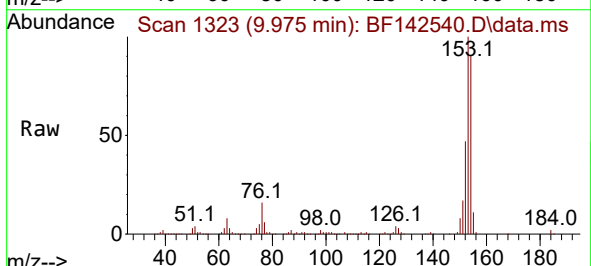
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

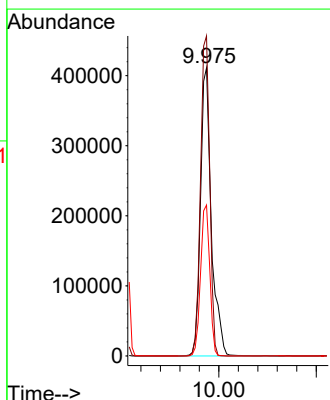
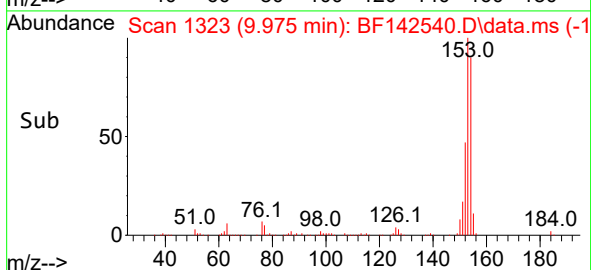
Supervised By :Jagrut Upadhyay 05/27/2025

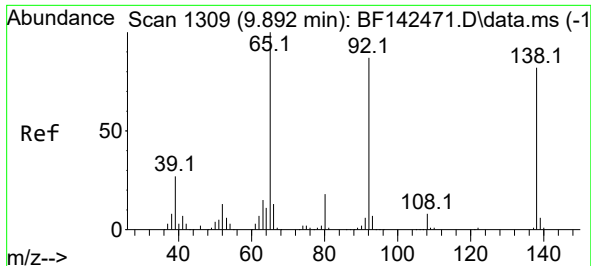


#52
Acenaphthene
Concen: 46.251 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:154 Resp: 633889
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 52.4 42.6 64.0





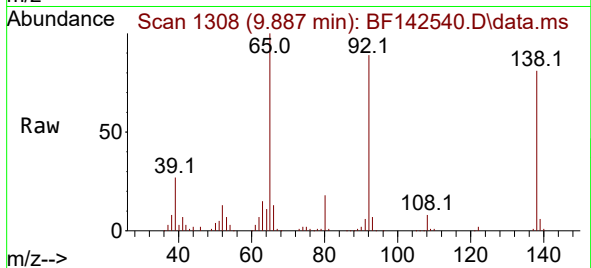
#53
3-Nitroaniline
Concen: 25.383 ng
RT: 9.887 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



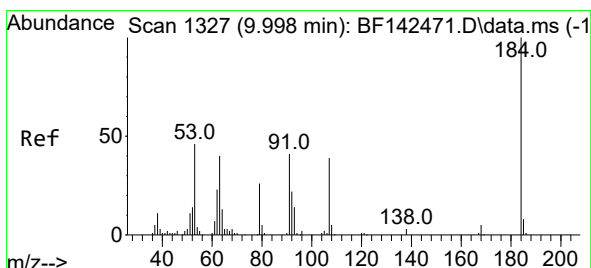
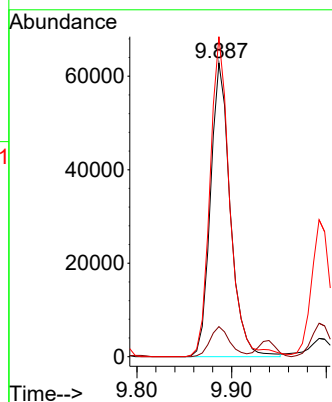
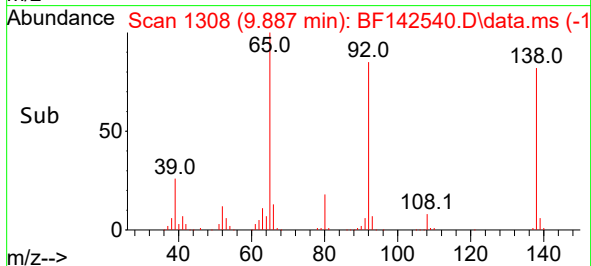
Tgt Ion:138 Resp: 91558
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 108.9 85.2 127.8

Manual Integrations

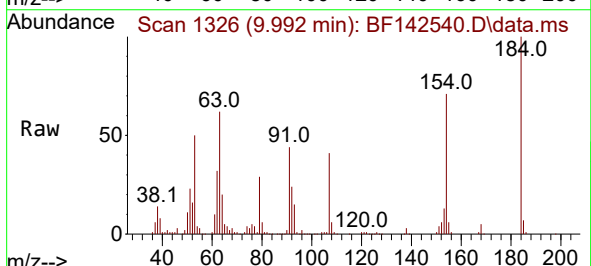
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

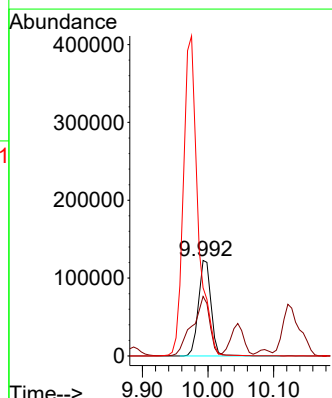
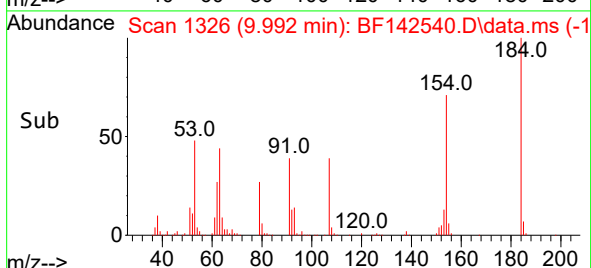
Supervised By :Jagrut Upadhyay 05/27/2025

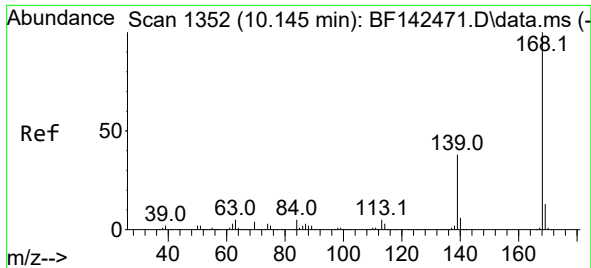


#54
2,4-Dinitrophenol
Concen: 96.339 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



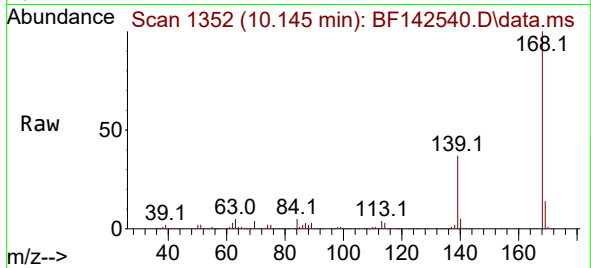
Tgt Ion:184 Resp: 164371
Ion Ratio Lower Upper
184 100
63 62.4 46.3 69.5
154 71.4 56.8 85.2





#55
Dibenzofuran
Concen: 41.751 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

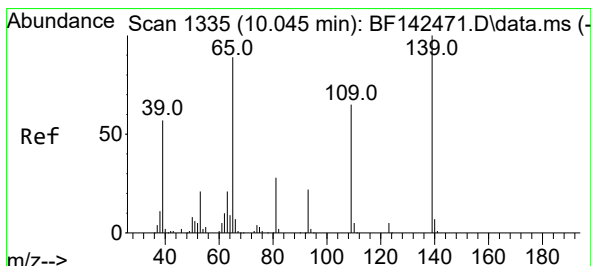
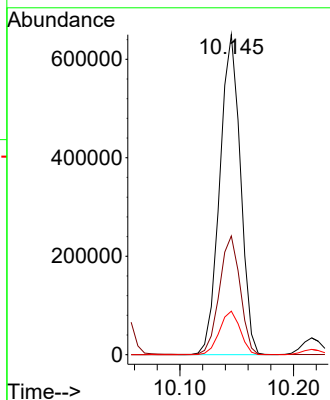
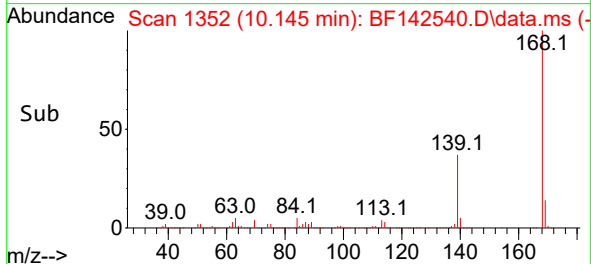
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



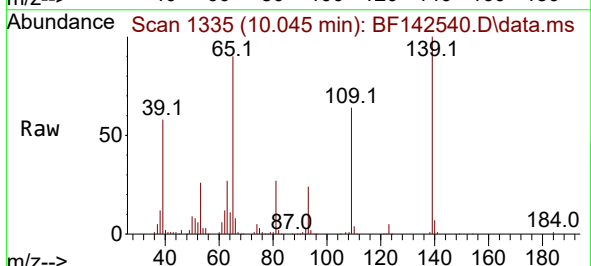
Tgt Ion:168 Resp: 82341
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 13.6 10.7 16.1

Manual Integrations
APPROVED

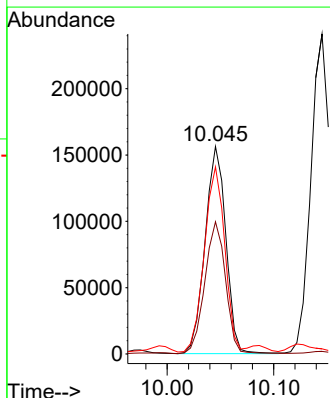
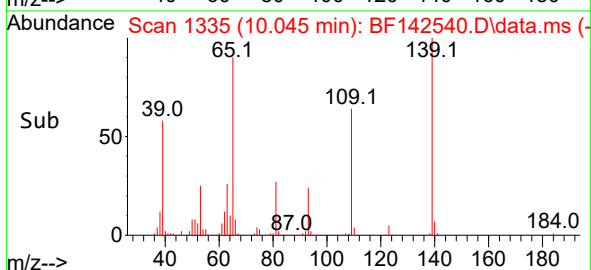
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

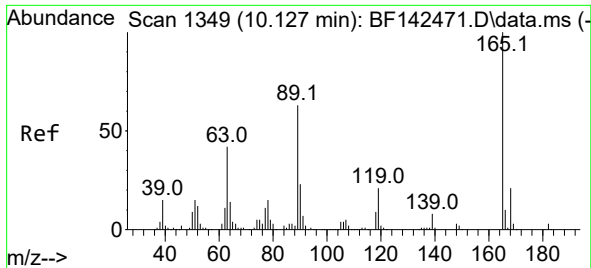


#56
4-Nitrophenol
Concen: 79.701 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:139 Resp: 212122
Ion Ratio Lower Upper
139 100
109 63.7 45.1 85.1
65 90.1 69.7 109.7





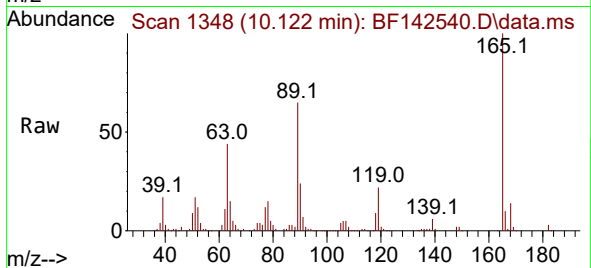
#57
2,4-Dinitrotoluene
Concen: 45.641 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



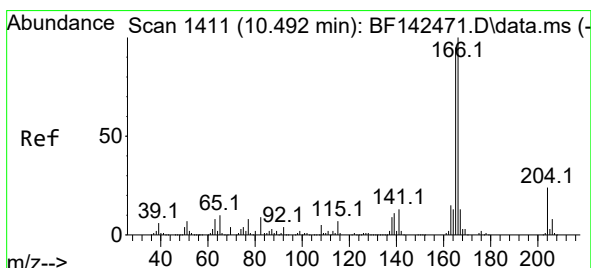
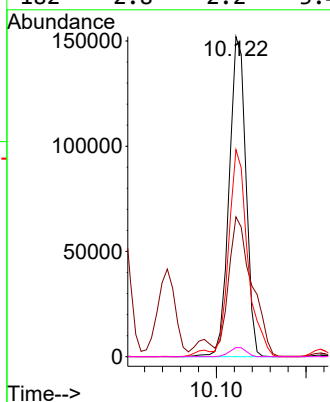
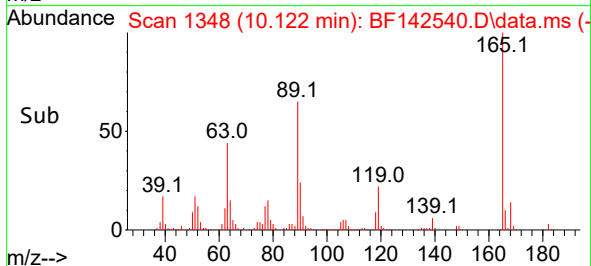
Tgt Ion:165 Resp: 196840
Ion Ratio Lower Upper
165 100
63 43.7 33.6 50.4
89 64.7 50.2 75.4
182 2.8 2.2 3.4

Manual Integrations

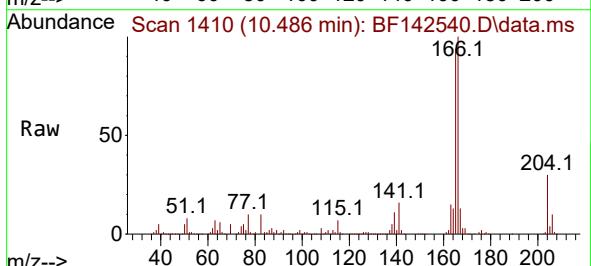
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

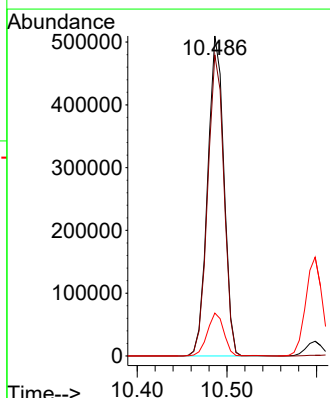
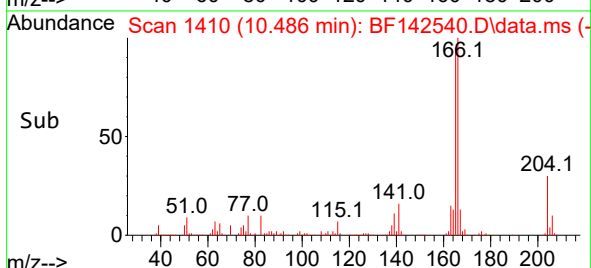
Supervised By :Jagrut Upadhyay 05/27/2025

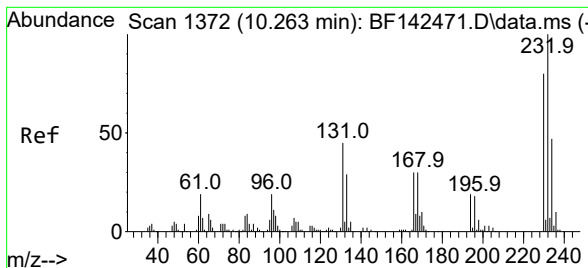


#58
Fluorene
Concen: 42.197 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



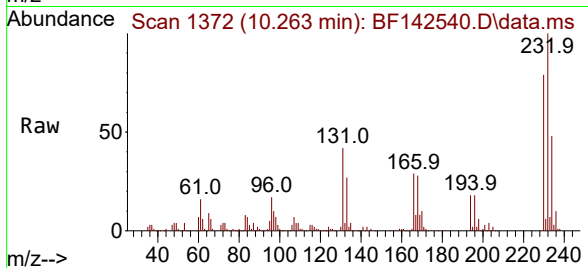
Tgt Ion:166 Resp: 642937
Ion Ratio Lower Upper
166 100
165 94.0 75.8 113.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.177 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

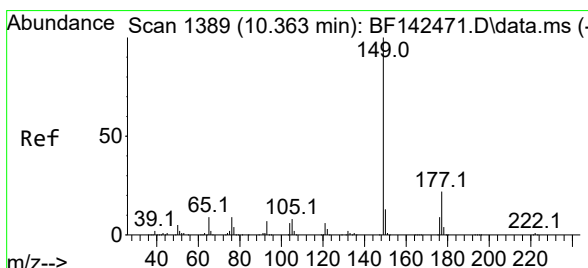
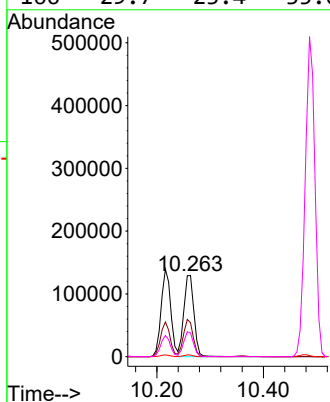
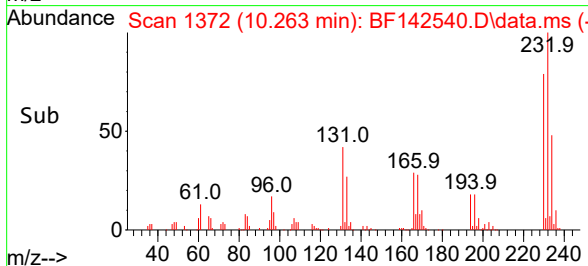
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



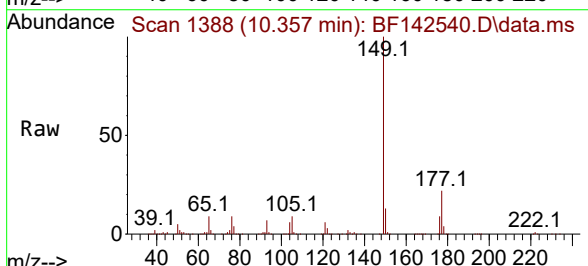
Tgt Ion:232 Resp: 170634
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.0 1.7 2.5
166 29.7 23.4 35.0

Manual Integrations
APPROVED

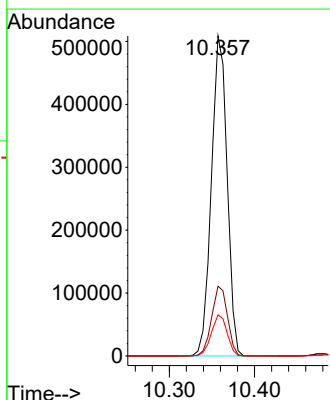
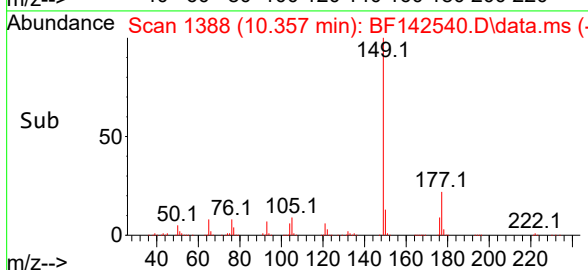
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

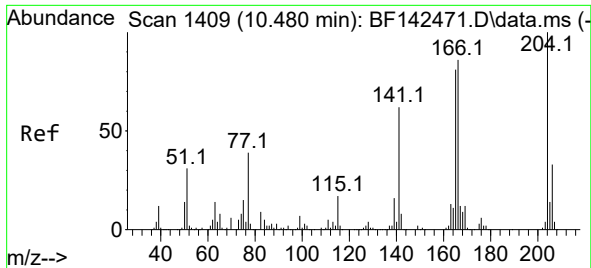


#60
Diethylphthalate
Concen: 43.627 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



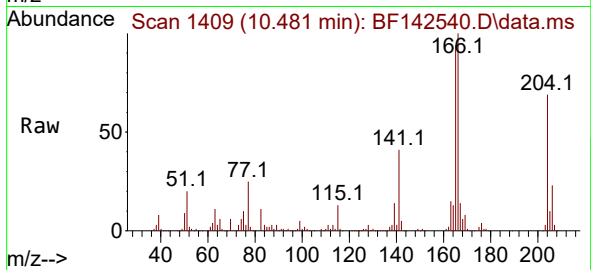
Tgt Ion:149 Resp: 651956
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.931 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.005 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

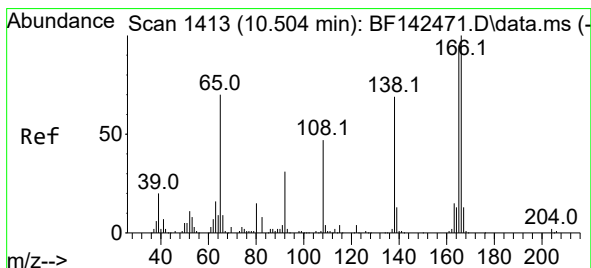
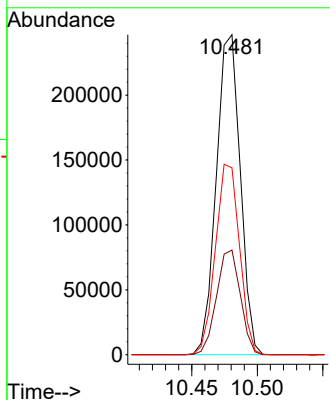
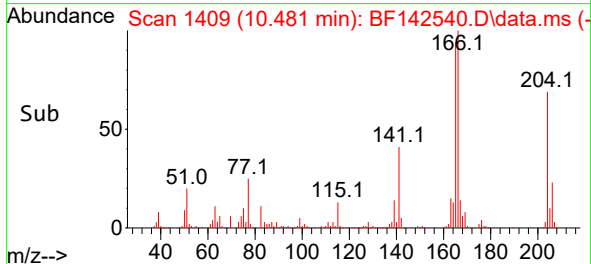
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



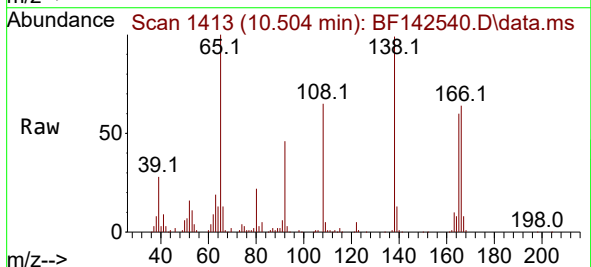
Tgt Ion:204 Resp: 31384
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 58.4 49.5 74.3

Manual Integrations
APPROVED

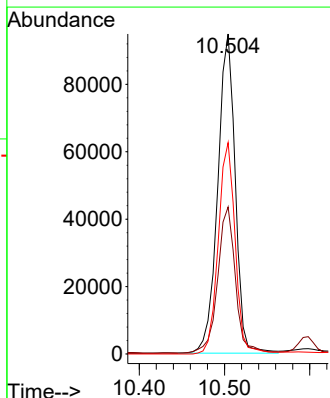
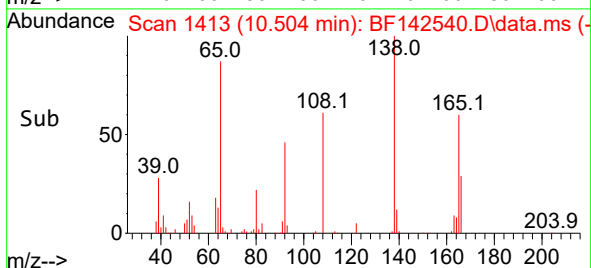
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

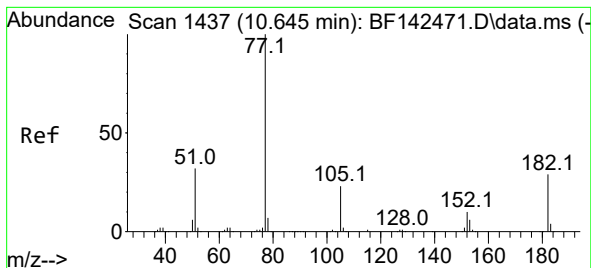


#62
4-Nitroaniline
Concen: 41.383 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



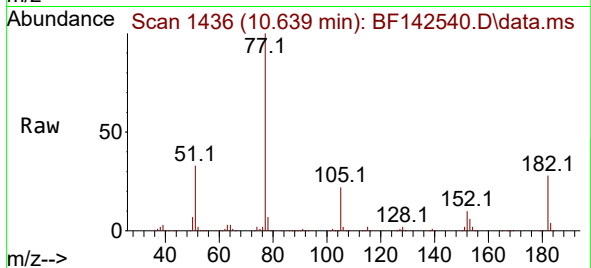
Tgt Ion:138 Resp: 135380
Ion Ratio Lower Upper
138 100
92 45.9 26.0 66.0
108 66.1 48.4 88.4





#63
Azobenzene
Concen: 43.202 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

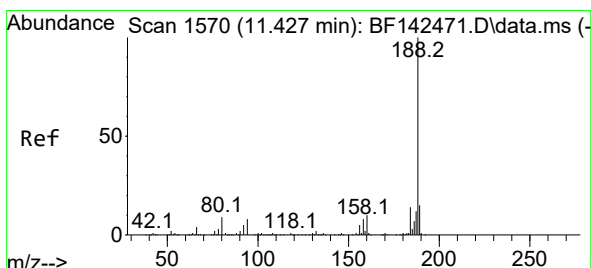
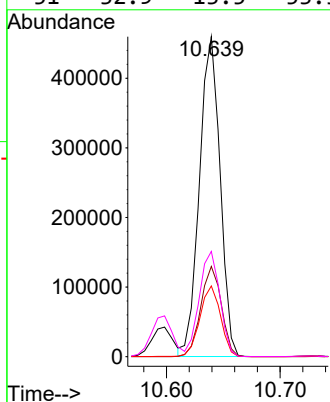
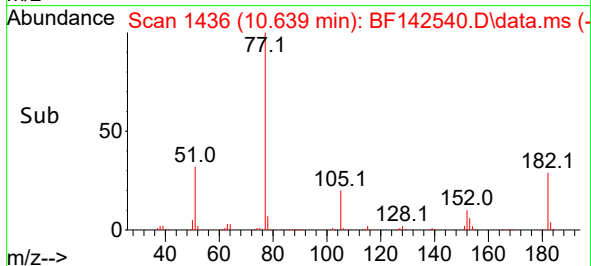
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



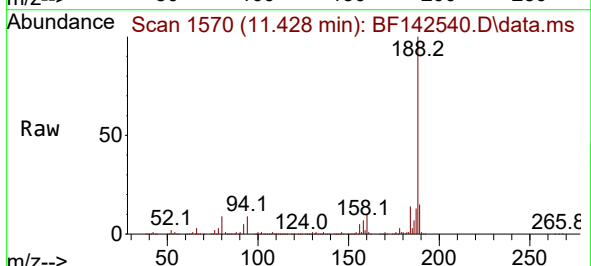
Tgt Ion: 77 Resp: 579860
Ion Ratio Lower Upper
77 100
182 28.2 9.0 49.0
105 22.1 2.4 42.4
51 32.9 13.5 53.5

Manual Integrations
APPROVED

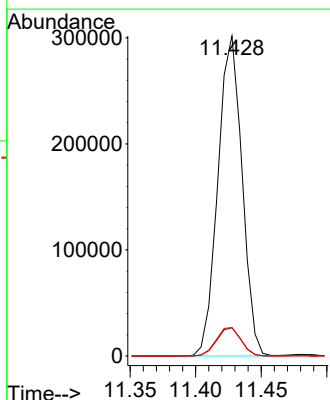
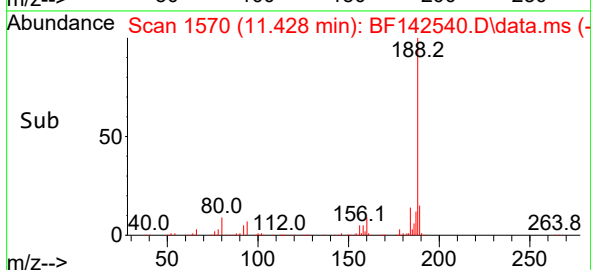
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

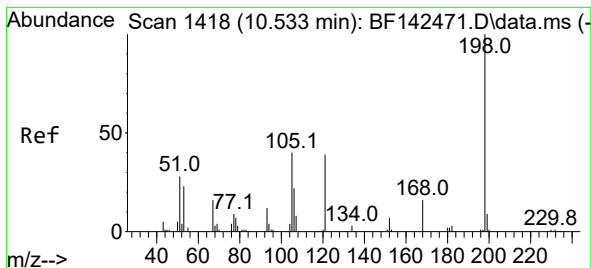


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:188 Resp: 386508
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 8.9 7.4 11.0





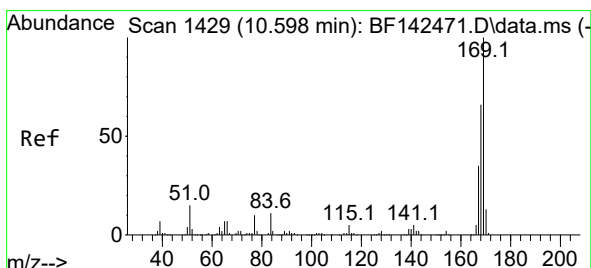
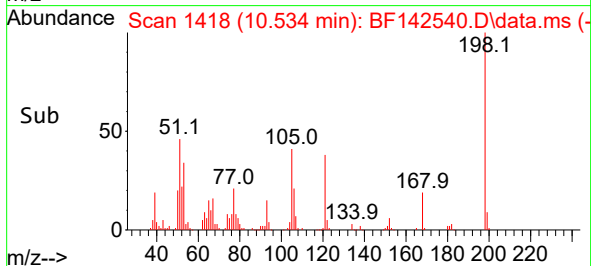
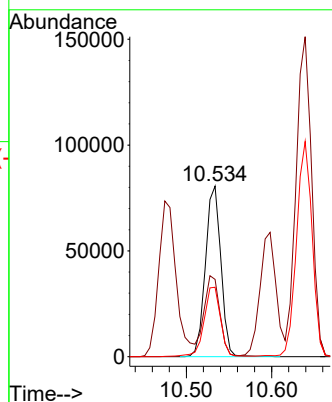
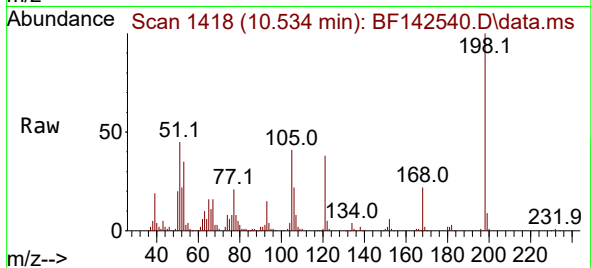
#65
4,6-Dinitro-2-methylphenol
Concen: 47.134 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS

Tgt Ion:198 Resp: 101668
Ion Ratio Lower Upper
198 100
51 45.3 28.3 68.3
105 40.7 21.3 61.3

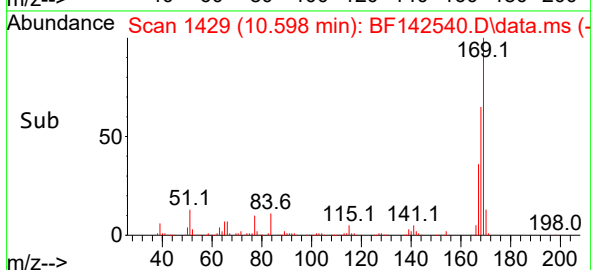
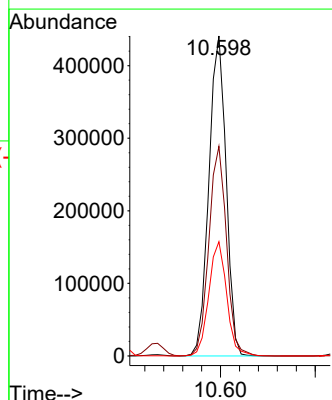
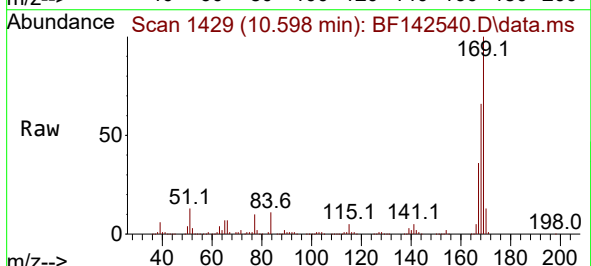
Manual Integrations
APPROVED

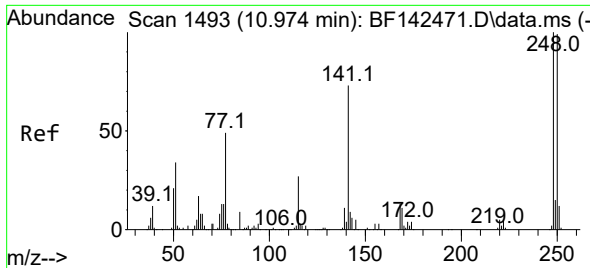
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#66
n-Nitrosodiphenylamine
Concen: 42.142 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

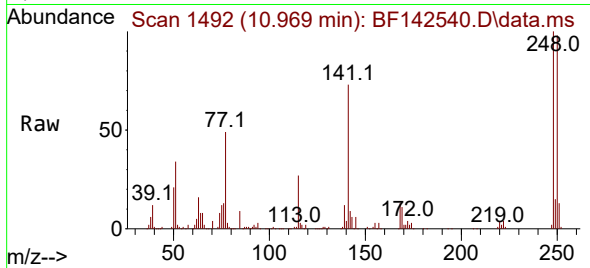
Tgt Ion:169 Resp: 557253
Ion Ratio Lower Upper
169 100
168 65.5 52.7 79.1
167 35.7 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 42.487 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

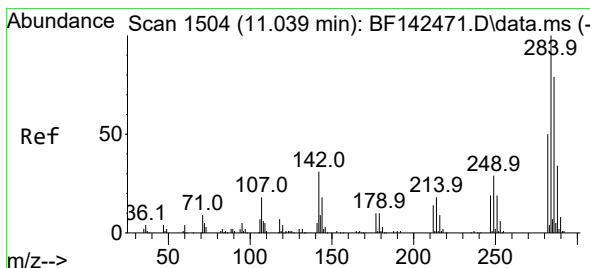
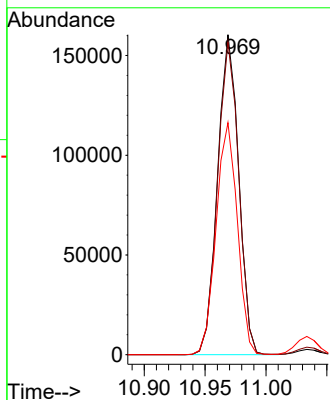
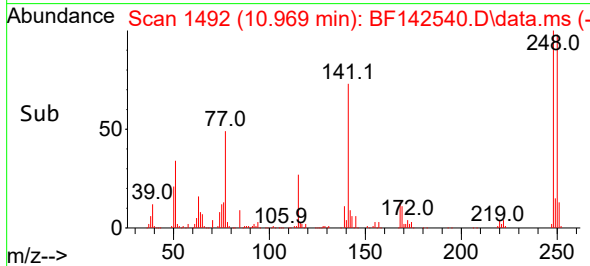
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



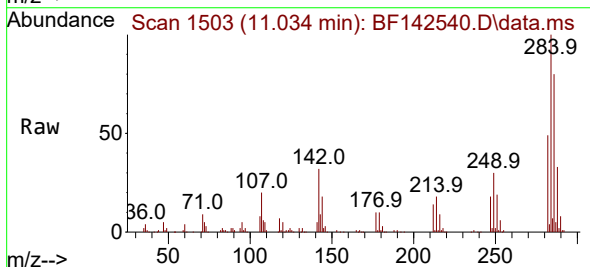
Tgt Ion:248 Resp: 194175
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 72.5 58.4 87.6

Manual Integrations
APPROVED

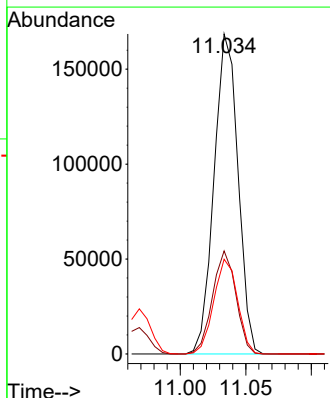
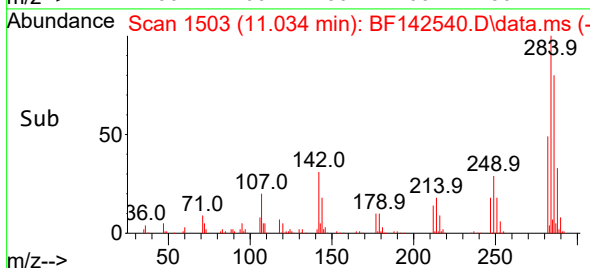
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

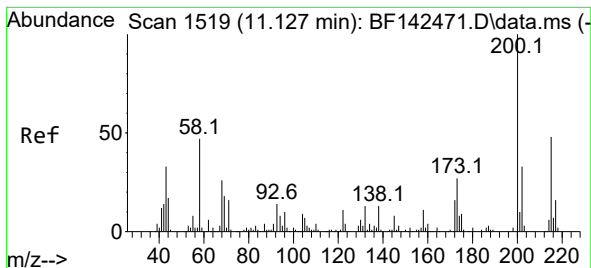


#68
Hexachlorobenzene
Concen: 42.316 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:284 Resp: 213895
Ion Ratio Lower Upper
284 100
142 32.2 24.8 37.2
249 29.6 23.6 35.4





#69

Atrazine

Concen: 49.203 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:200 Resp: 17278

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

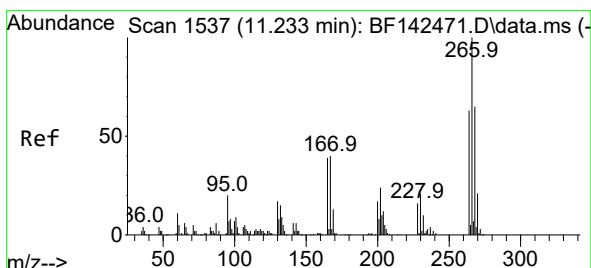
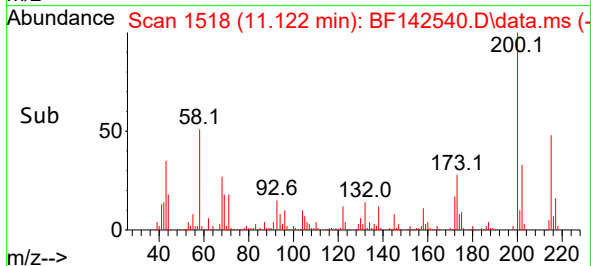
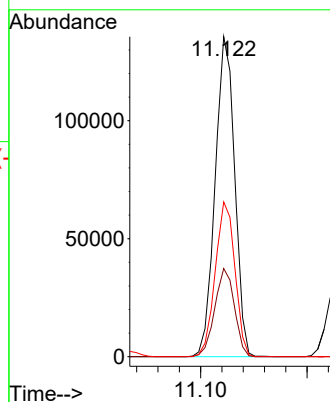
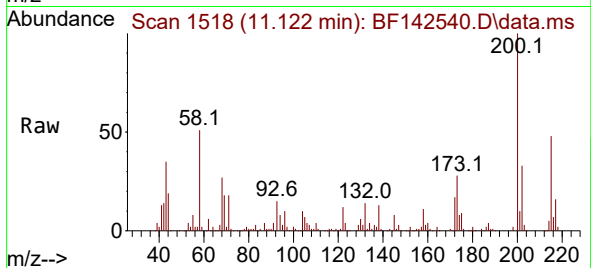
215 48.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#70

Pentachlorophenol

Concen: 86.971 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

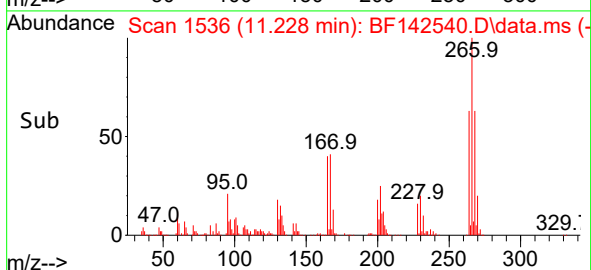
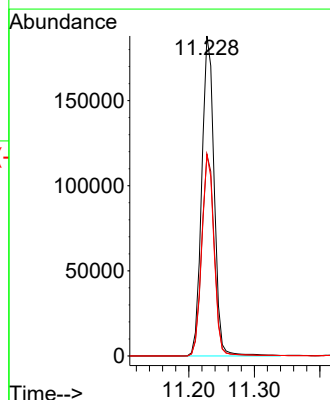
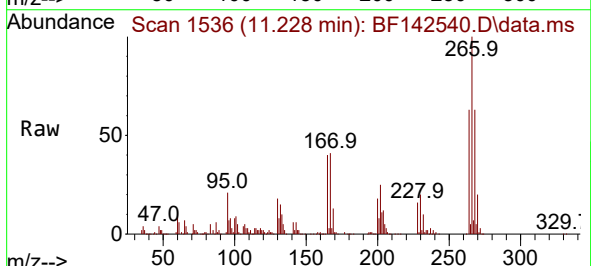
Tgt Ion:266 Resp: 248199

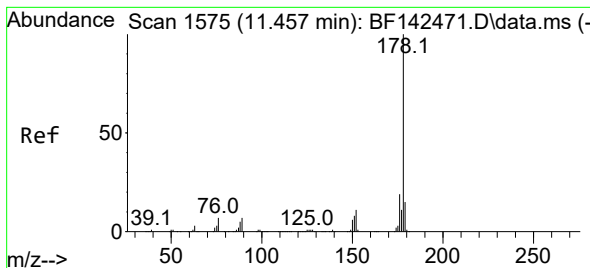
Ion Ratio Lower Upper

266 100

268 63.0 51.7 77.5

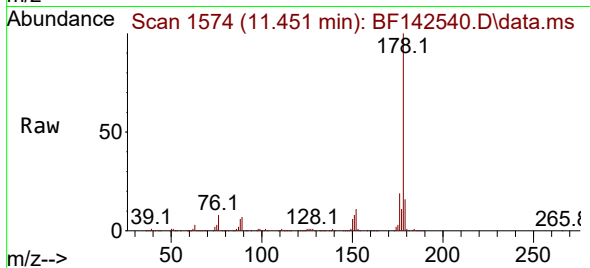
264 62.8 50.4 75.6





#71
Phenanthrene
Concen: 42.380 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

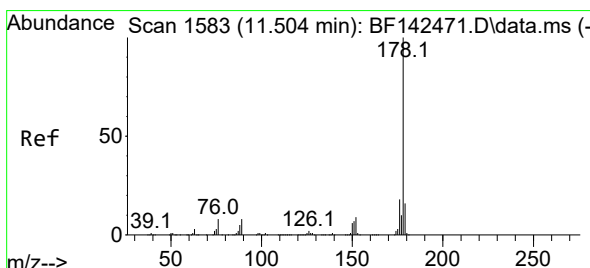
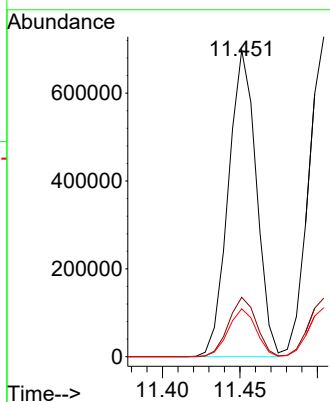
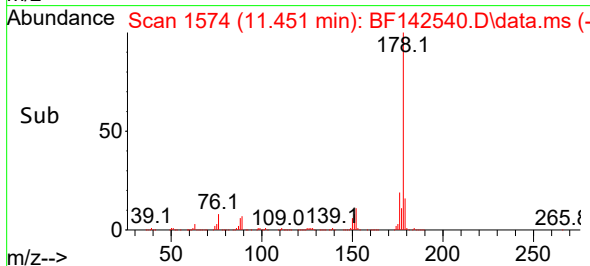
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



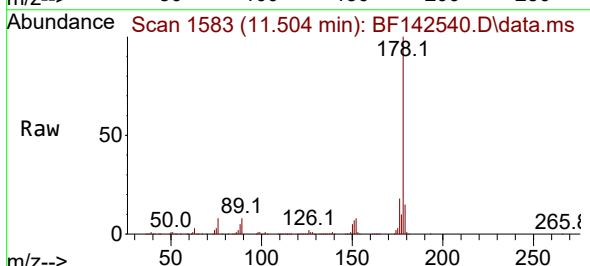
Tgt Ion:178 Resp: 87539
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.3 18.5

Manual Integrations
APPROVED

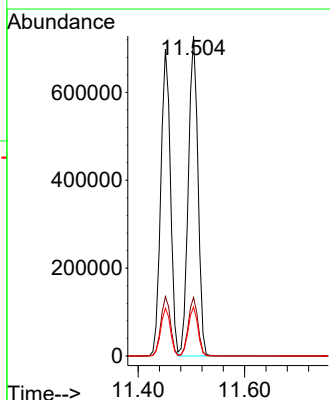
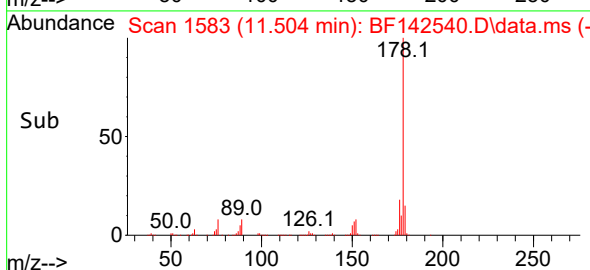
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

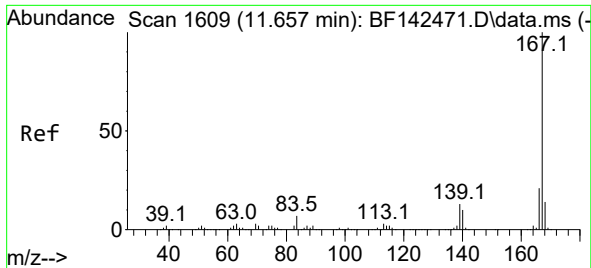


#72
Anthracene
Concen: 43.200 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



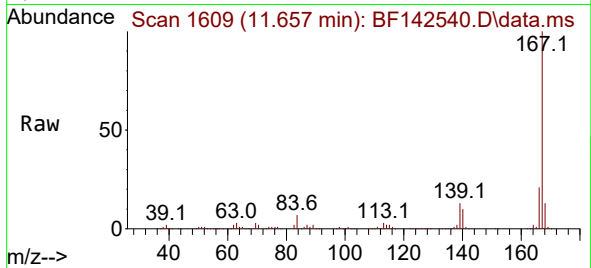
Tgt Ion:178 Resp: 910684
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 43.864 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

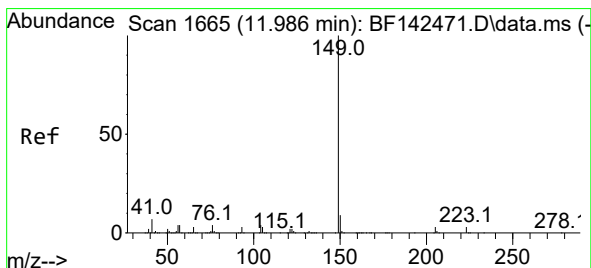
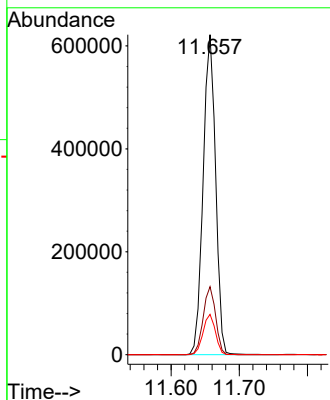
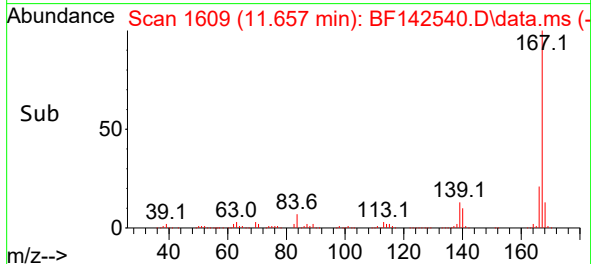
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1MS



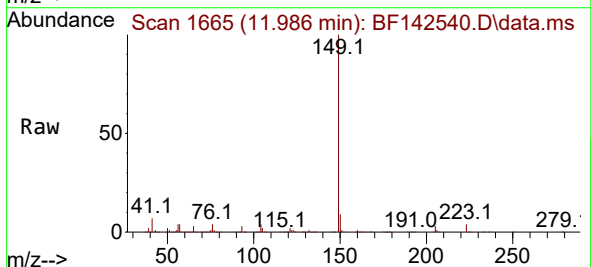
Tgt Ion:167 Resp: 790519
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.6 10.2 15.4

Manual Integrations
 APPROVED

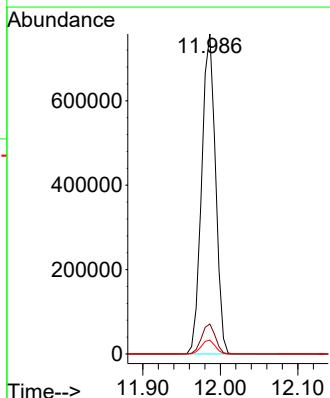
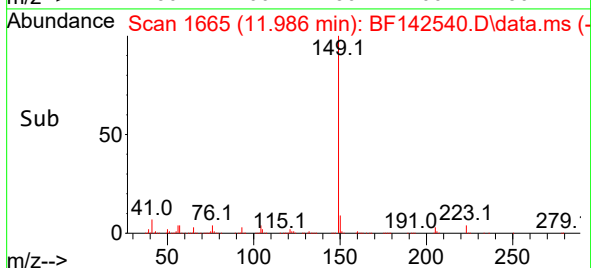
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

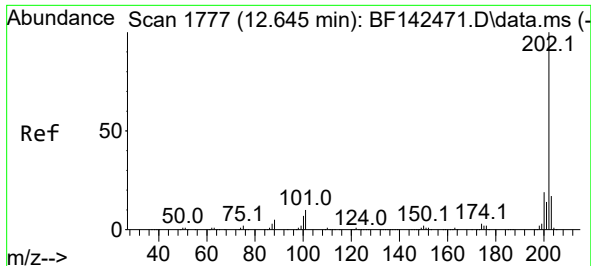


#74
 Di-n-butylphthalate
 Concen: 47.629 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32



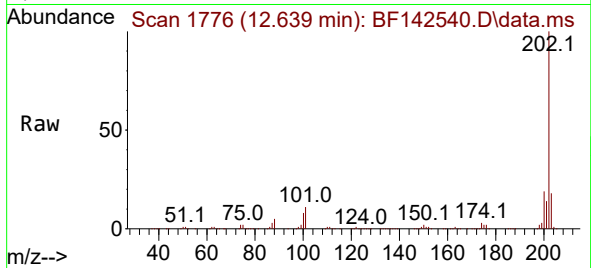
Tgt Ion:149 Resp: 939553
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 43.591 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

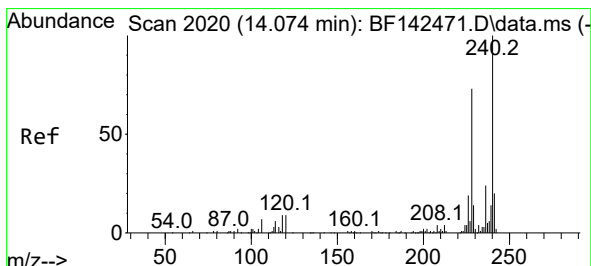
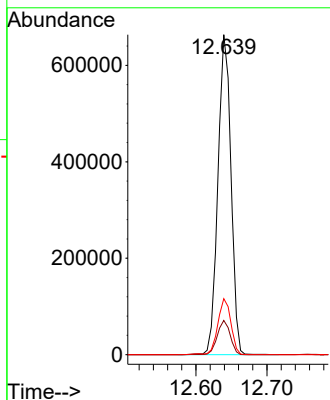
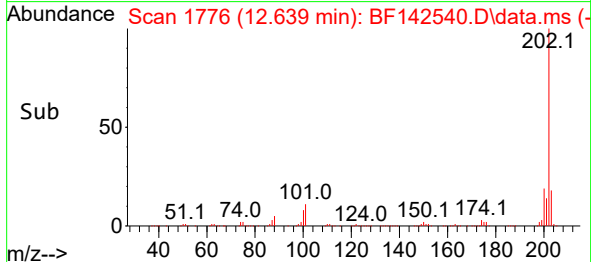
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



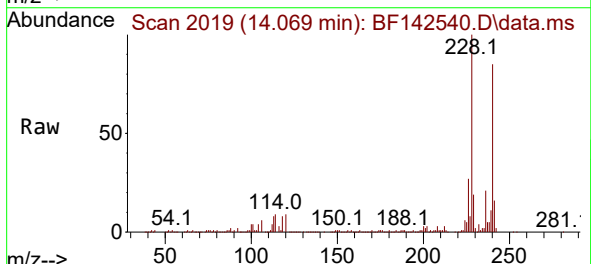
Tgt Ion:202 Resp: 841330
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.5 0.0 37.2

Manual Integrations
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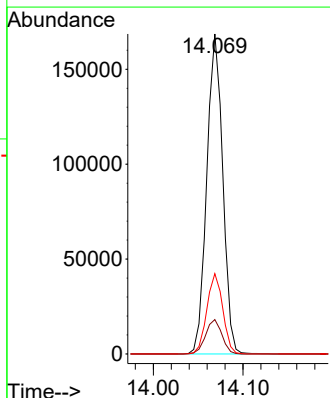
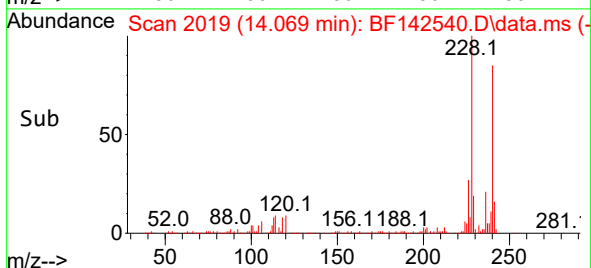
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

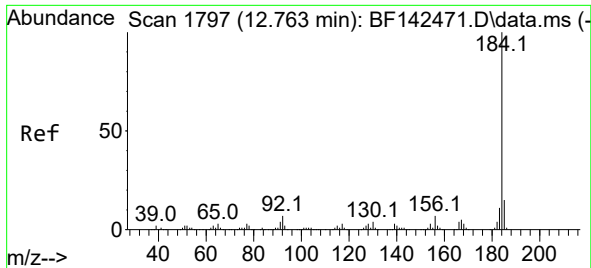


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



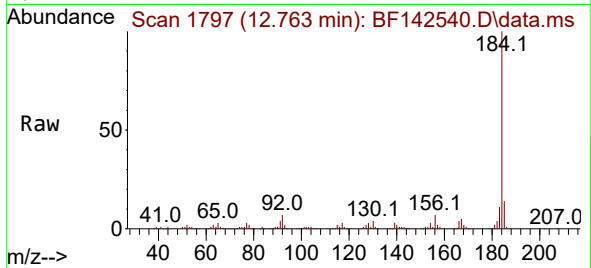
Tgt Ion:240 Resp: 208613
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4





#77
Benzidine
Concen: 28.777 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

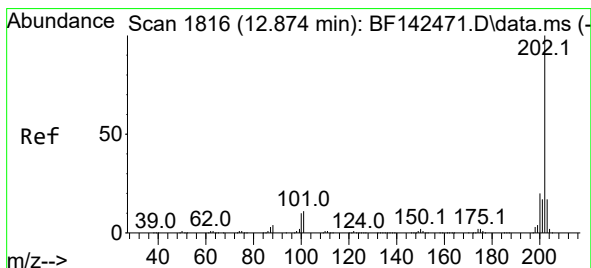
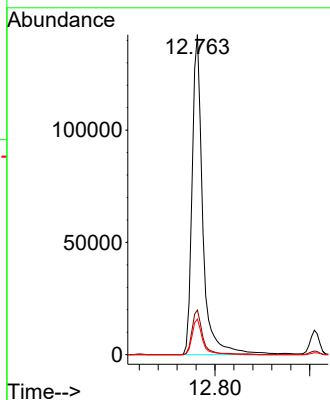
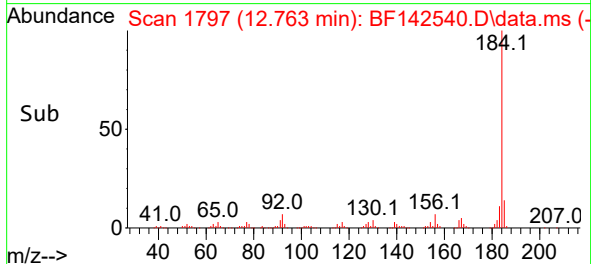
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



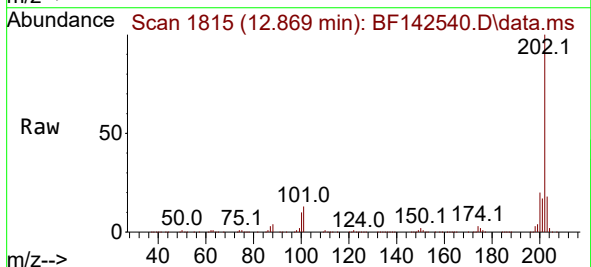
Tgt Ion:184 Resp: 223390
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 11.1 9.0 13.4

Manual Integrations
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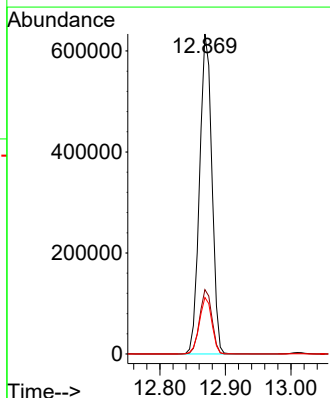
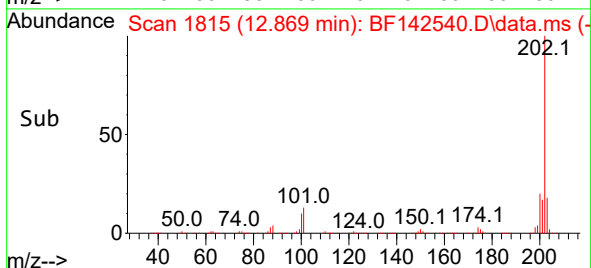
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

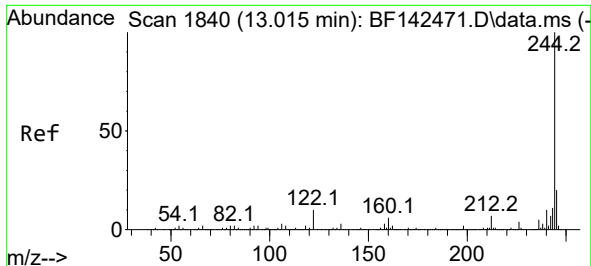


#78
Pyrene
Concen: 42.645 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:202 Resp: 829894
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 13.9 20.9





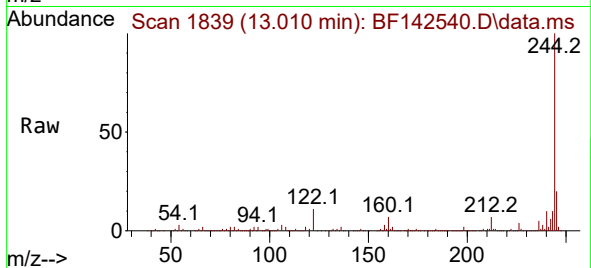
#79
 Terphenyl-d14
 Concen: 73.808 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS



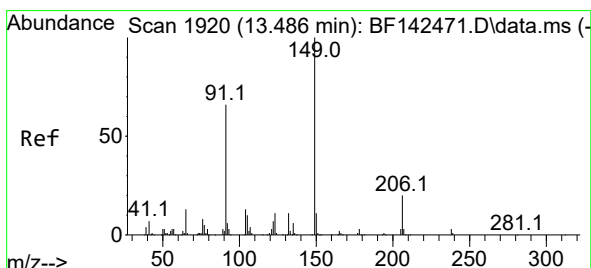
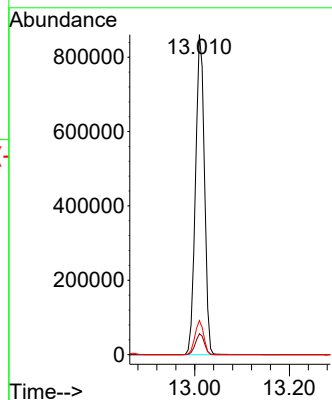
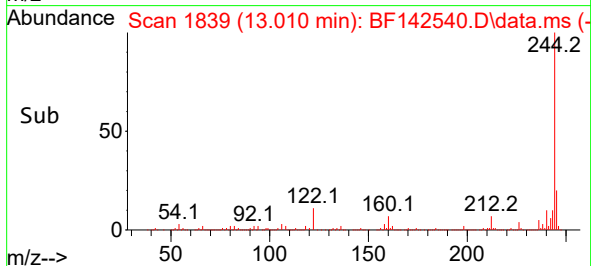
Tgt Ion:244 Resp: 1126728
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.7 8.2 12.2

Manual Integrations

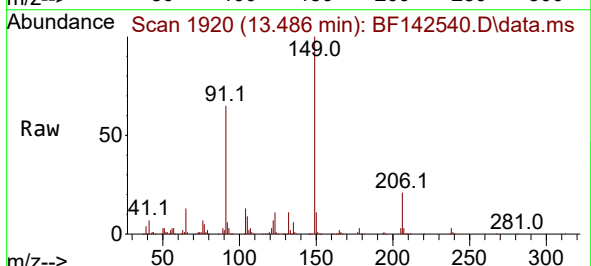
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

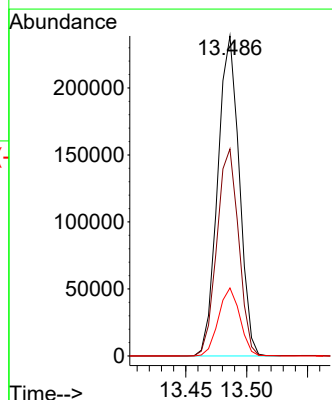
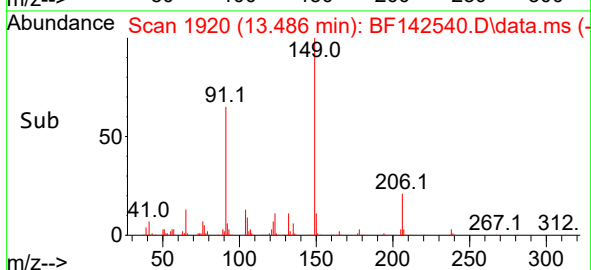
Supervised By :Jagrut Upadhyay 05/27/2025

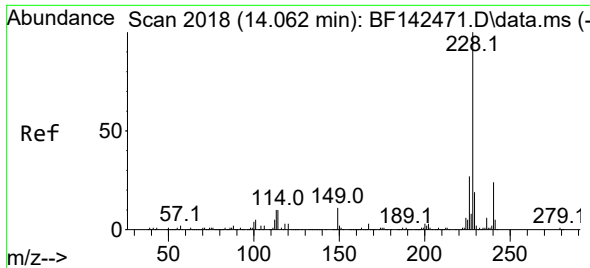


#80
 Butylbenzylphthalate
 Concen: 54.701 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142540.D
 Acq: 23 May 2025 17:32



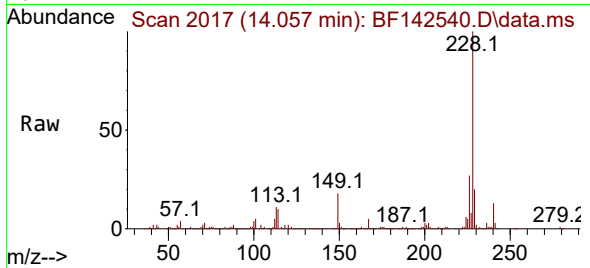
Tgt Ion:149 Resp: 294143
 Ion Ratio Lower Upper
 149 100
 91 64.7 52.9 79.3
 206 21.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 42.939 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

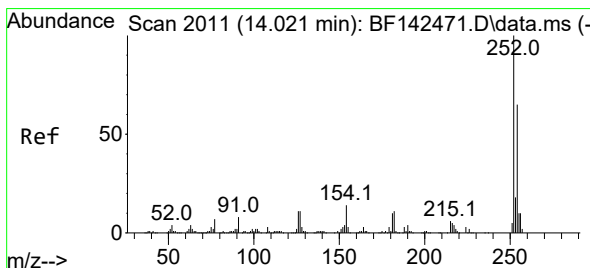
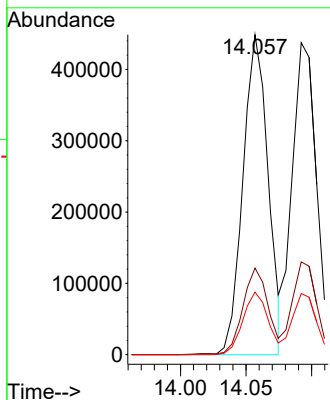
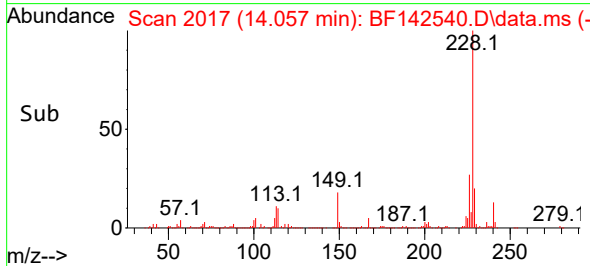
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



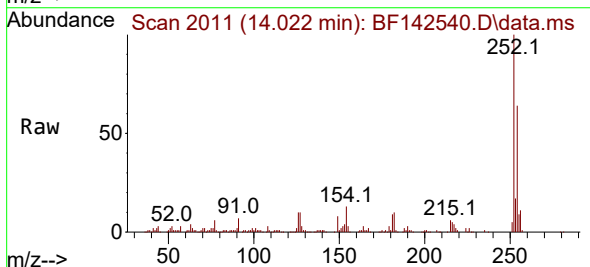
Tgt Ion:228 Resp: 59814
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.6 15.5 23.3

Manual Integrations
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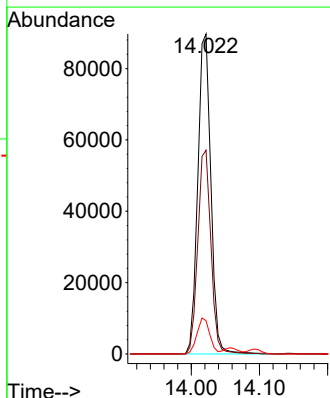
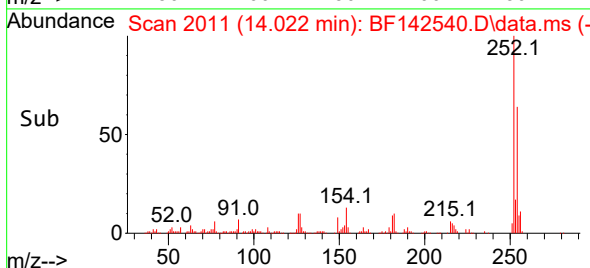
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

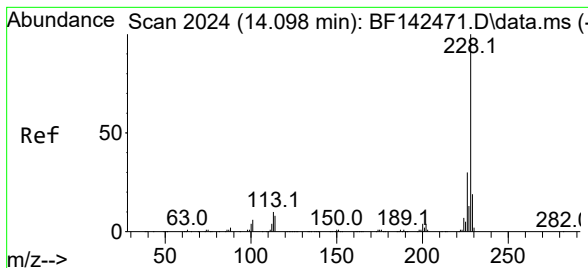


#82
3,3'-Dichlorobenzidine
Concen: 28.205 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:252 Resp: 119170
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 10.4 8.9 13.3





#83

Chrysene

Concen: 44.951 ng

RT: 14.092 min Scan# 2024

Delta R.T. -0.011 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

Tgt Ion:228 Resp: 56266

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

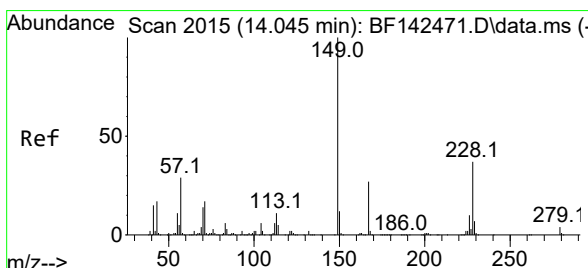
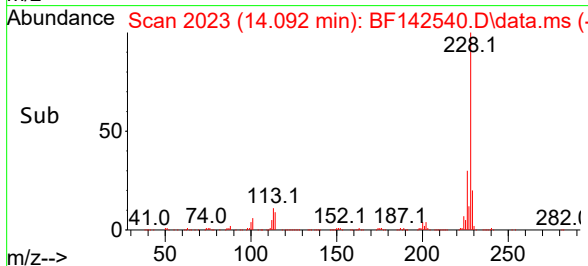
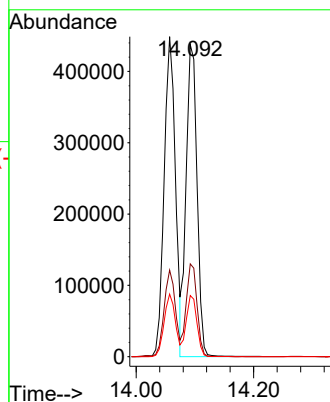
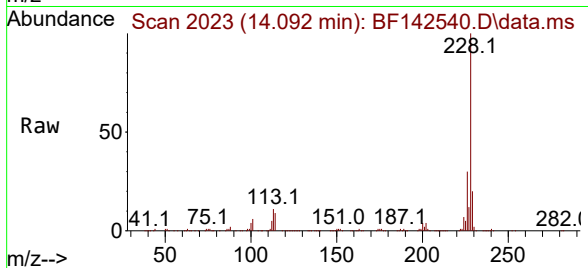
229 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.270 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142540.D

Acq: 23 May 2025 17:32

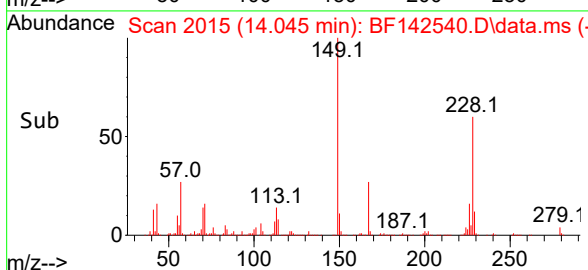
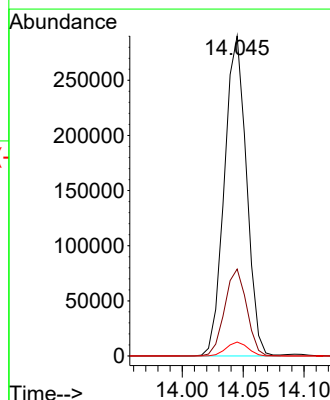
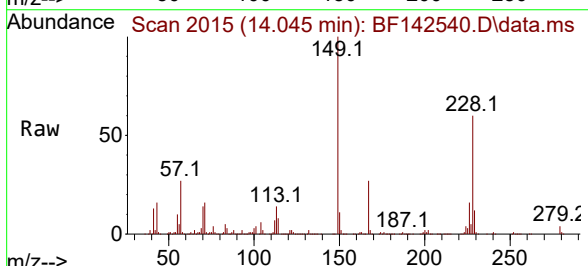
Tgt Ion:149 Resp: 366700

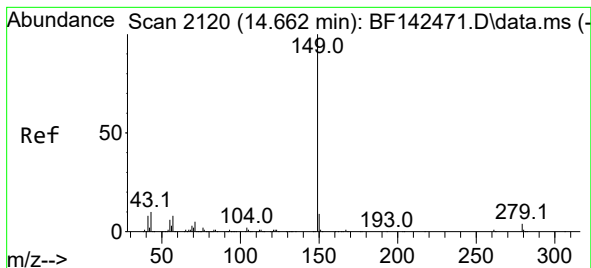
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

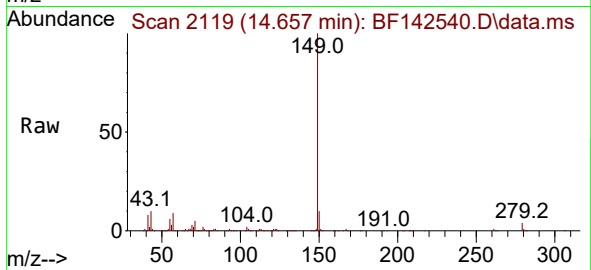
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 41.881 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

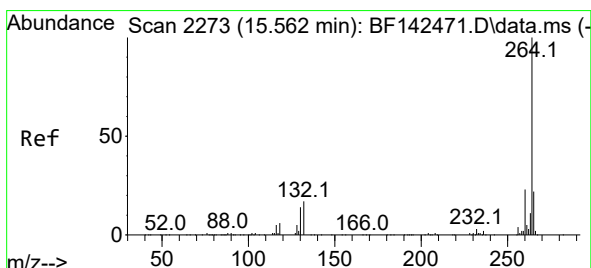
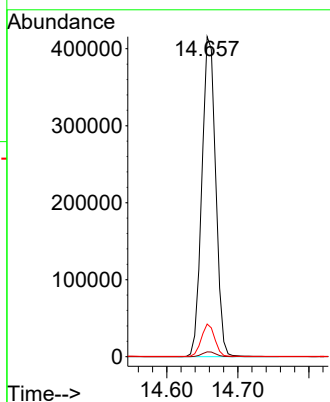
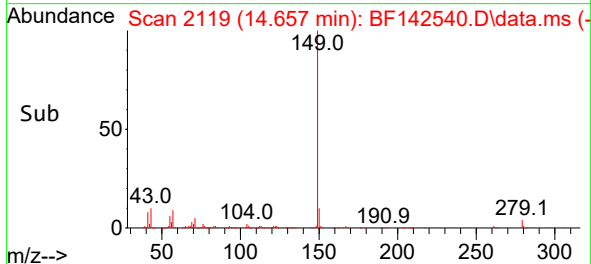
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



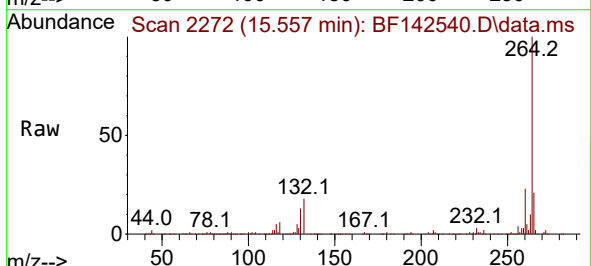
Tgt Ion:149 Resp: 563712
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 7.9 11.9

Manual Integrations
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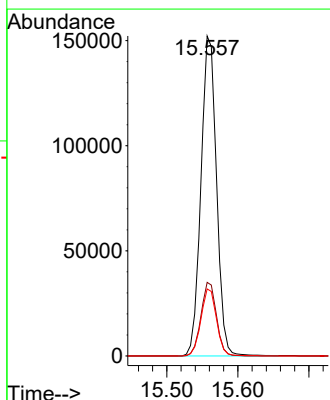
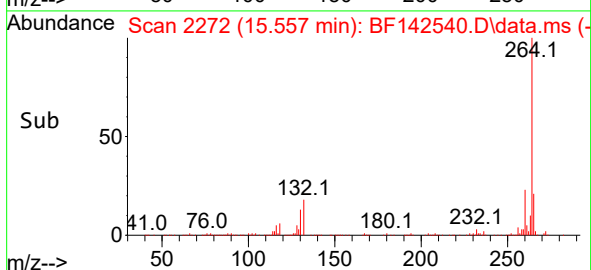
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

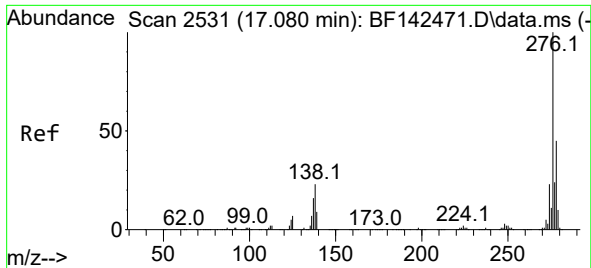


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



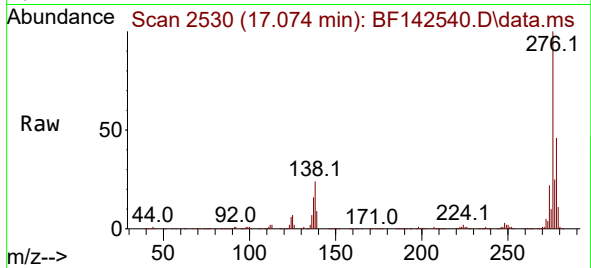
Tgt Ion:264 Resp: 232633
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.0 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.456 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

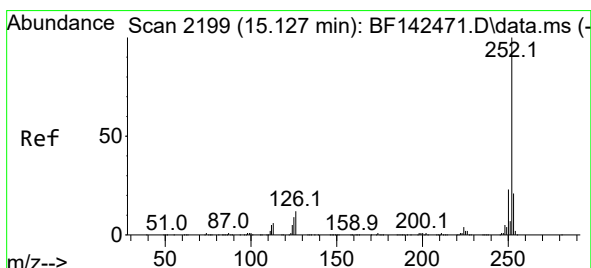
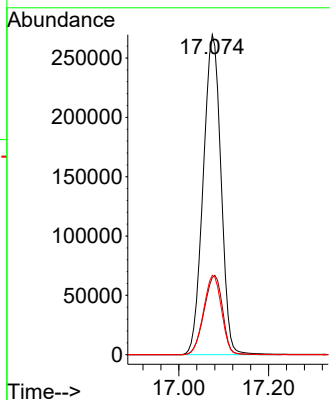
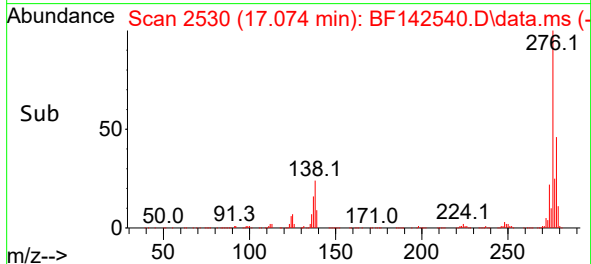
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



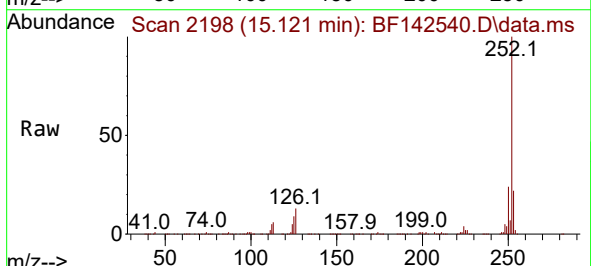
Tgt Ion:276 Resp: 74148
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 25.1 20.2 30.2

Manual Integrations
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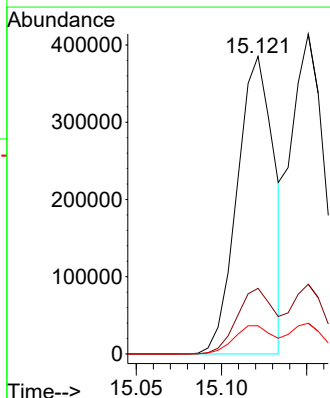
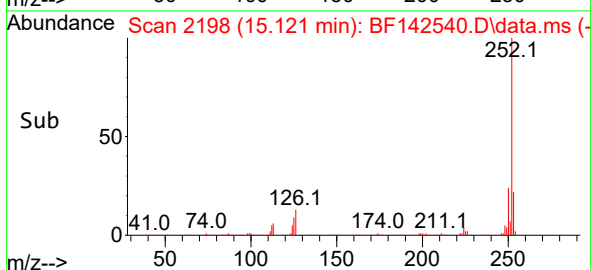
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

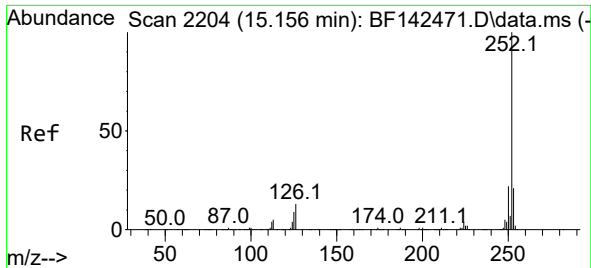


#88
Benzo(b)fluoranthene
Concen: 42.096 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:252 Resp: 579586
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.5 7.4 11.0





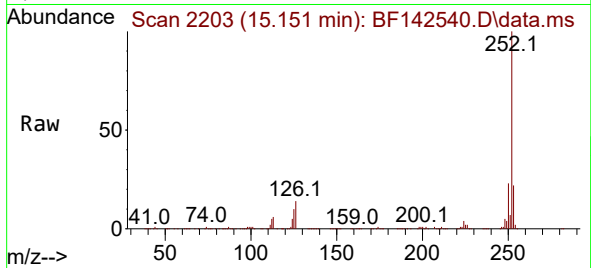
#89
Benzo(k)fluoranthene
Concen: 44.109 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

Instrument :

BNA_F

ClientSampleId :

WCS-TP1MS

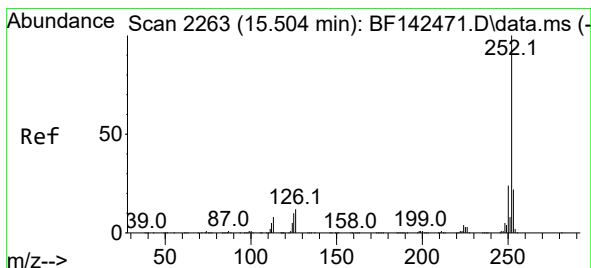
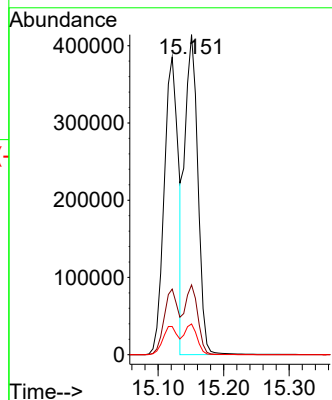
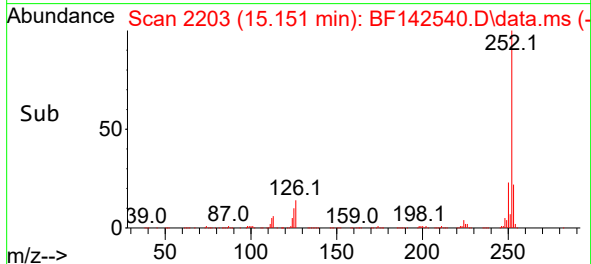


Tgt Ion:252 Resp: 568808
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.6 7.3 10.9

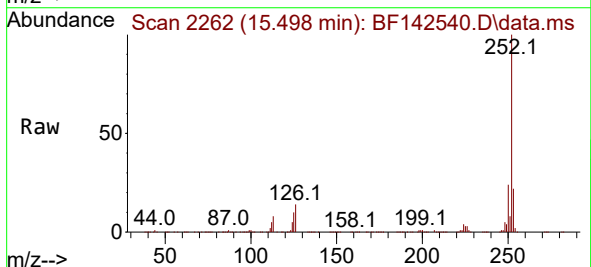
Manual Integrations

APPROVED

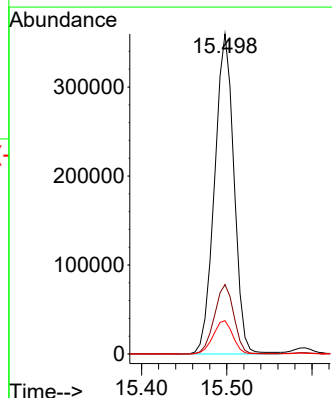
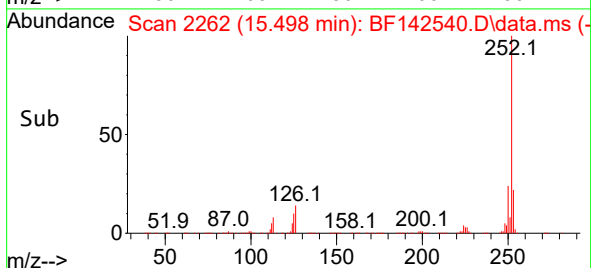
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

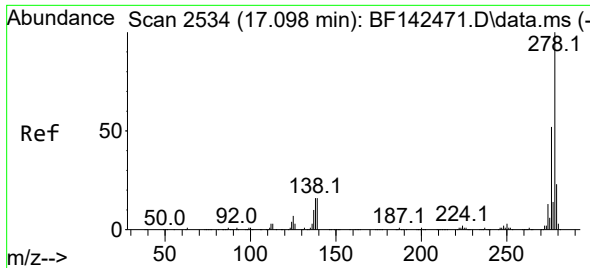


#90
Benzo(a)pyrene
Concen: 43.880 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



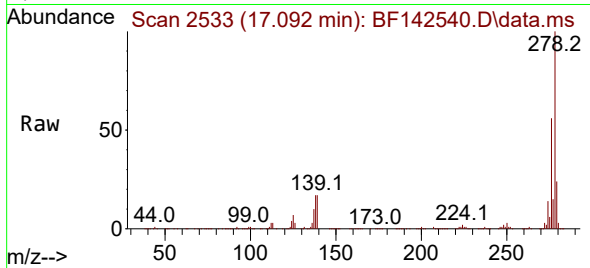
Tgt Ion:252 Resp: 569480
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.4 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 41.972 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32

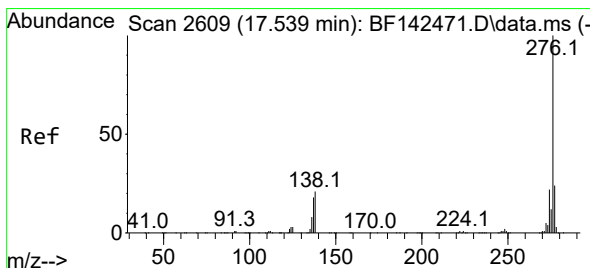
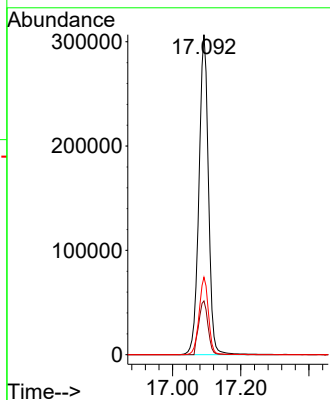
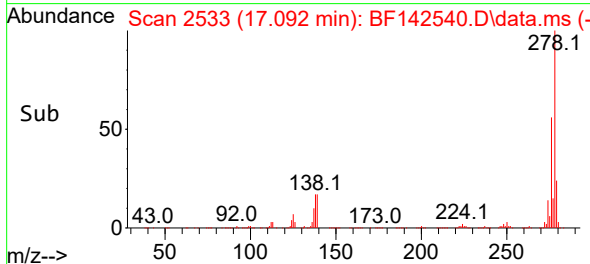
Instrument :
BNA_F
ClientSampleId :
WCS-TP1MS



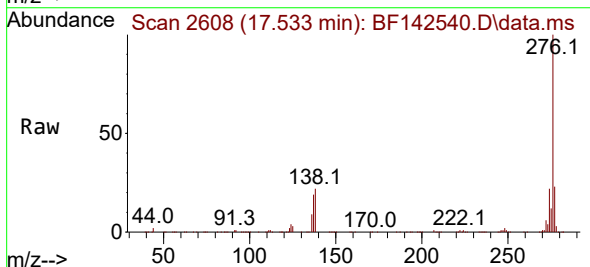
Tgt Ion:278 Resp: 594524
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#92
Benzo(g,h,i)perylene
Concen: 41.982 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142540.D
Acq: 23 May 2025 17:32



Tgt Ion:276 Resp: 594788
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 22.1 16.8 25.2

