

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141556.D
 Acq On : 11 Feb 2025 12:39
 Operator : RC/JU
 Sample : PB166641BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166641BSD

Quant Time: Feb 11 13:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	407334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	229450	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402356	20.000	ng	0.00
76) Chrysene-d12	13.957	240	278936	20.000	ng	0.00
86) Perylene-d12	15.404	264	208701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	821445	128.188	ng	0.01
7) Phenol-d6	6.434	99	1011374	124.871	ng	0.00
23) Nitrobenzene-d5	7.357	82	685715	87.804	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298733	129.606	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1289102	86.557	ng	0.00
79) Terphenyl-d14	12.898	244	1540131	93.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	102326	39.675	ng	99
3) Pyridine	3.322	79	245704	40.034	ng	100
4) n-Nitrosodimethylamine	3.269	42	167177	41.138	ng	99
6) Aniline	6.451	93	290205	38.197	ng	88
8) 2-Chlorophenol	6.575	128	302453	43.680	ng	98
9) Benzaldehyde	6.340	77	177613	41.267	ng	100
10) Phenol	6.446	94	352597	41.827	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	269427	42.552	ng	100
12) 1,3-Dichlorobenzene	6.728	146	308744	42.235	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315260	42.210	ng	99
14) 1,2-Dichlorobenzene	6.957	146	301224	43.455	ng	99
15) Benzyl Alcohol	6.934	79	266752	42.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458126	42.267	ng	77
17) 2-Methylphenol	7.051	107	238201	43.960	ng	98
18) Hexachloroethane	7.298	117	120574	43.621	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	210028	43.352	ng	99
20) 3+4-Methylphenols	7.204	107	301022	43.713	ng	99
22) Acetophenone	7.198	105	460937	45.490	ng	98
24) Nitrobenzene	7.375	77	315513	41.431	ng	100
25) Isophorone	7.610	82	569556	45.740	ng	99
26) 2-Nitrophenol	7.687	139	162437	42.873	ng	98
27) 2,4-Dimethylphenol	7.728	122	245419	55.448	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	346682	43.449	ng	100
29) 2,4-Dichlorophenol	7.934	162	255327	42.695	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	269993	41.459	ng	99
31) Naphthalene	8.092	128	863361	40.718	ng	100
32) Benzoic acid	7.875	122	196214	42.679	ng	98
33) 4-Chloroaniline	8.145	127	169079	22.840	ng	99
34) Hexachlorobutadiene	8.210	225	168186	43.019	ng	99
35) Caprolactam	8.522	113	88969m	48.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	284863	43.002	ng	100
37) 2-Methylnaphthalene	8.787	142	558396	40.470	ng	99
38) 1-Methylnaphthalene	8.881	142	547773	40.990	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	304990	45.944	ng	99
41) Hexachlorocyclopentadiene	8.934	237	334036	151.288	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	179321	41.796	ng	98

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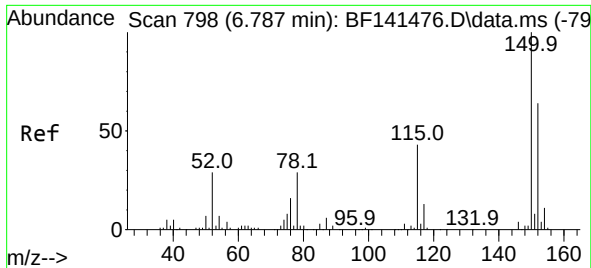
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
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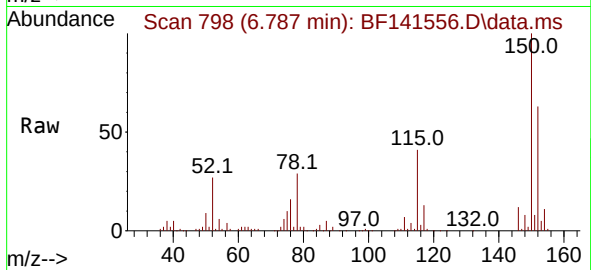
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192991	41.505	ng	97
46) 1,1'-Biphenyl	9.251	154	806153	45.318	ng	99
47) 2-Chloronaphthalene	9.275	162	545427	41.464	ng	99
48) 2-Nitroaniline	9.375	65	185673	42.059	ng	97
49) Acenaphthylene	9.687	152	858311	43.868	ng	99
50) Dimethylphthalate	9.551	163	667368	42.844	ng	99
51) 2,6-Dinitrotoluene	9.616	165	149321	43.851	ng	98
52) Acenaphthene	9.863	154	536537	40.790	ng	98
53) 3-Nitroaniline	9.787	138	97765	26.675	ng	99
54) 2,4-Dinitrophenol	9.898	184	192838	95.285	ng	95
55) Dibenzofuran	10.034	168	783601	40.586	ng	100
56) 4-Nitrophenol	9.963	139	237073	87.138	ng	97
57) 2,4-Dinitrotoluene	10.022	165	199748	44.064	ng	99
58) Fluorene	10.375	166	617701	41.378	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	168756	42.155	ng	97
60) Diethylphthalate	10.251	149	647157	42.227	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	303921	42.318	ng	98
62) 4-Nitroaniline	10.404	138	152488	40.975	ng	98
63) Azobenzene	10.528	77	627963	41.216	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	117806	42.149	ng	97
66) n-Nitrosodiphenylamine	10.486	169	548317	42.572	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	188791	41.983	ng	96
68) Hexachlorobenzene	10.922	284	202425	43.715	ng	98
69) Atrazine	11.016	200	214852	55.604	ng	99
70) Pentachlorophenol	11.122	266	238002	80.383	ng	98
71) Phenanthrene	11.339	178	927461	41.876	ng	100
72) Anthracene	11.392	178	958029	43.030	ng	100
73) Carbazole	11.545	167	837723	41.817	ng	100
74) Di-n-butylphthalate	11.875	149	1018839	44.046	ng	100
75) Fluoranthene	12.528	202	980670	41.764	ng	100
77) Benzidine	12.651	184	395565	64.301	ng	100
78) Pyrene	12.757	202	999960	42.112	ng	99
80) Butylbenzylphthalate	13.374	149	391651	47.620	ng	98
81) Benzo(a)anthracene	13.945	228	784289	42.298	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	154605	29.108	ng	99
83) Chrysene	13.980	228	716168	41.831	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	473513	51.047	ng	100
85) Di-n-octyl phthalate	14.551	149	637398	48.167	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	595023	46.142	ng	99
88) Benzo(b)fluoranthene	14.986	252	595185	42.473	ng	99
89) Benzo(k)fluoranthene	15.016	252	507697	42.428	ng	99
90) Benzo(a)pyrene	15.345	252	509675	44.949	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	481981	46.127	ng	99
92) Benzo(g,h,i)perylene	17.286	276	463543	42.393	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141556.D
 Acq: 11 Feb 2025 12:39

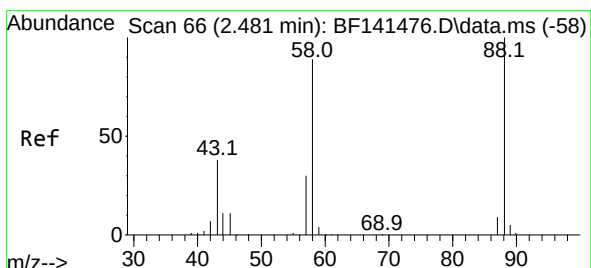
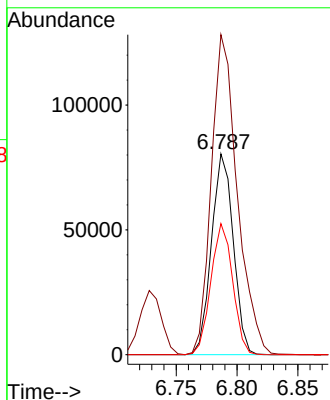
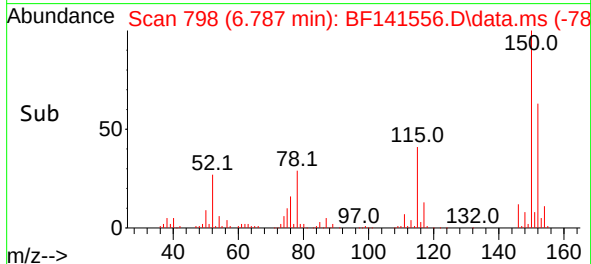
Instrument :
 BNA_F
 ClientSampleId :
 PB166641BSD



Tgt Ion:152 Resp: 10046
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.0 187.4
 115 65.3 53.6 80.4

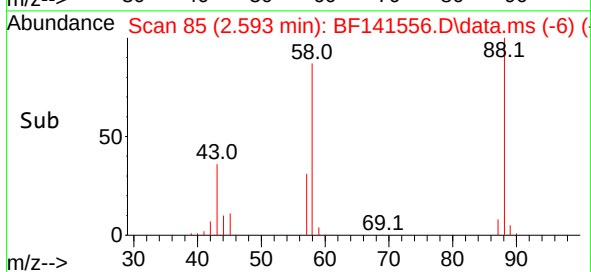
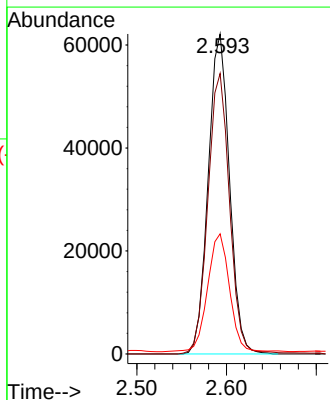
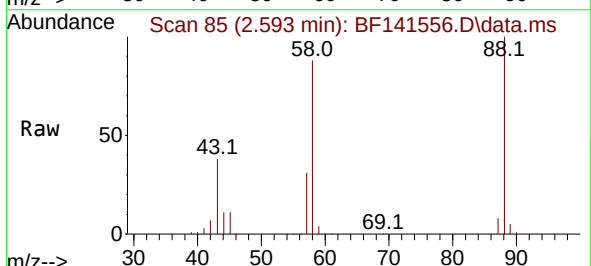
Manual Integrations
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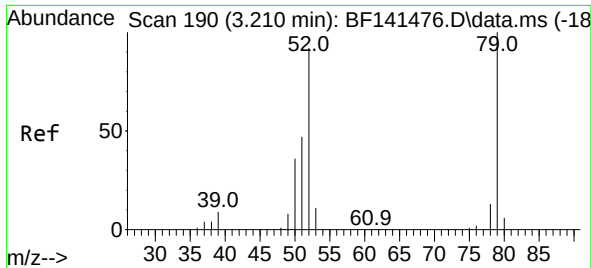
Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#2
 1,4-Dioxane
 Concen: 39.675 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141556.D
 Acq: 11 Feb 2025 12:39

Tgt Ion: 88 Resp: 102326
 Ion Ratio Lower Upper
 88 100
 58 89.8 71.1 106.7
 43 38.0 30.6 46.0





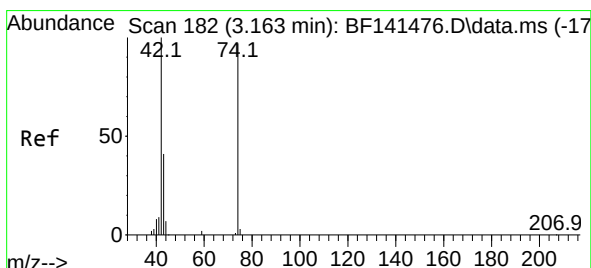
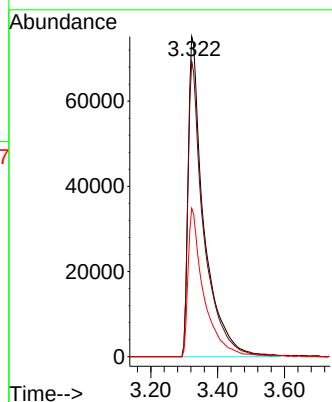
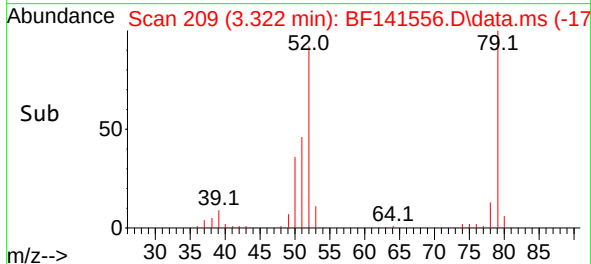
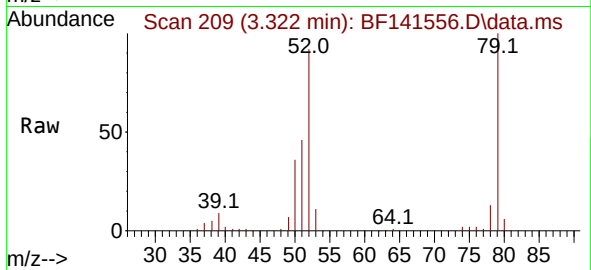
#3
Pyridine
Concen: 40.034 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.106 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion: 79 Resp: 245704
Ion Ratio Lower Upper
79 100
52 92.3 73.7 110.5
51 46.4 37.5 56.3

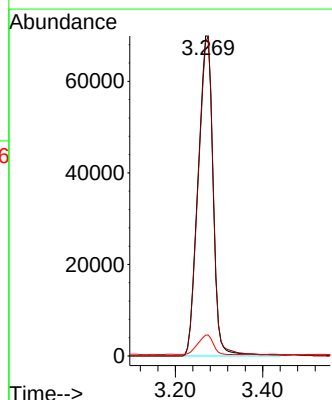
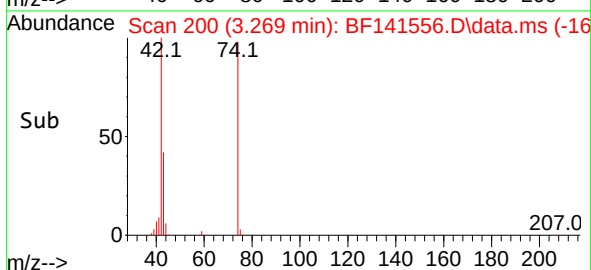
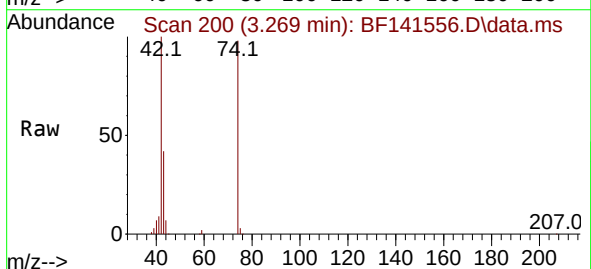
Manual Integrations
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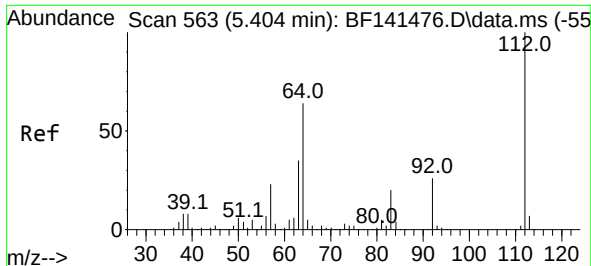
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#4
n-Nitrosodimethylamine
Concen: 41.138 ng
RT: 3.269 min Scan# 200
Delta R.T. 0.083 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

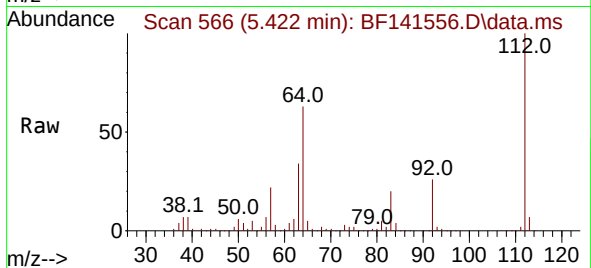
Tgt Ion: 42 Resp: 167177
Ion Ratio Lower Upper
42 100
74 98.2 78.0 117.0
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 128.188 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

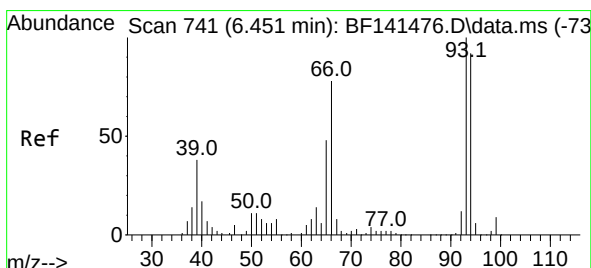
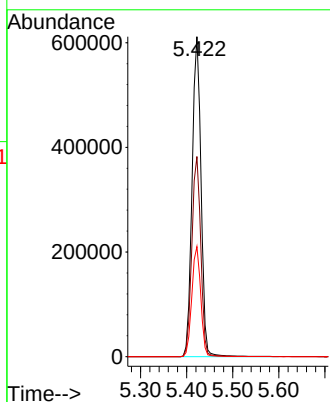
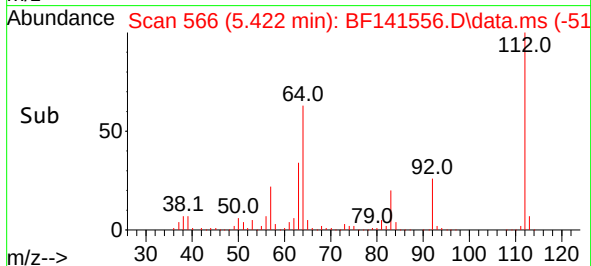
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:112 Resp: 821445
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.4 28.4 42.6

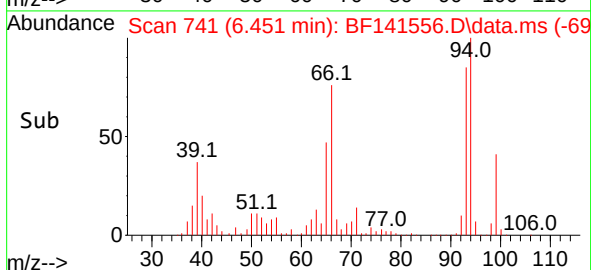
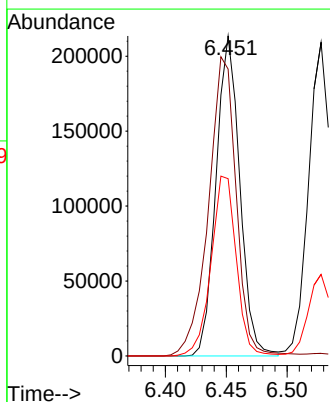
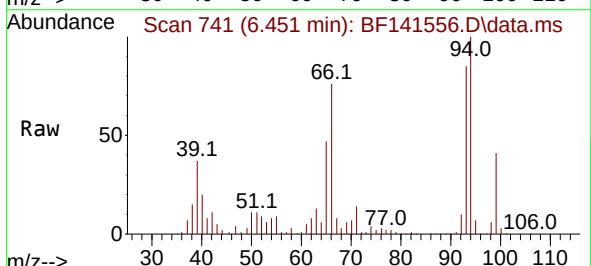
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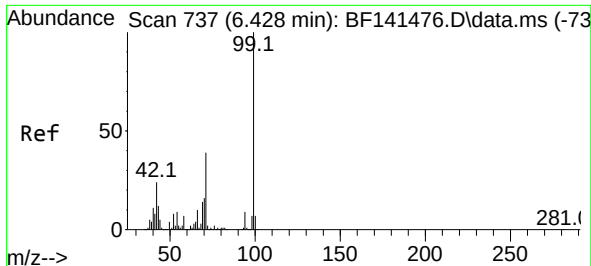
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#6
Aniline
Concen: 38.197 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

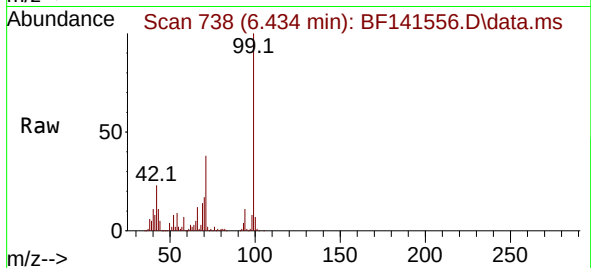
Tgt Ion: 93 Resp: 290205
Ion Ratio Lower Upper
93 100
66 89.6 62.6 94.0
65 55.4 38.3 57.5





#7
Phenol-d6
Concen: 124.871 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

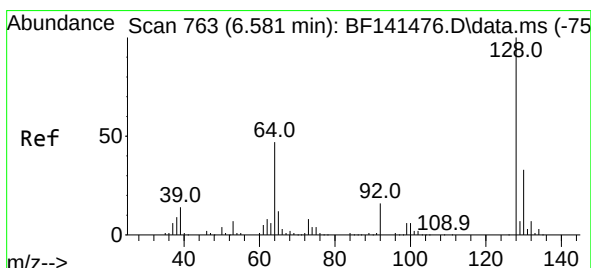
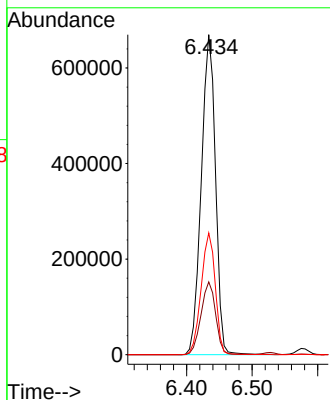
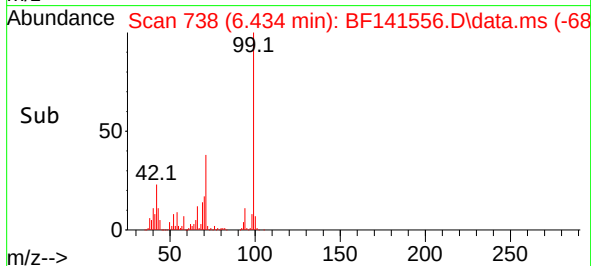
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BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1011374
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 38.0 31.1 46.7

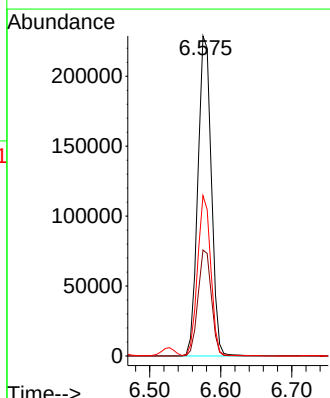
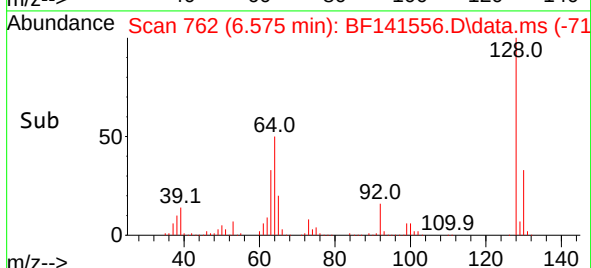
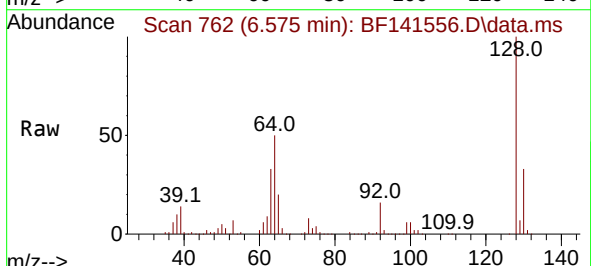
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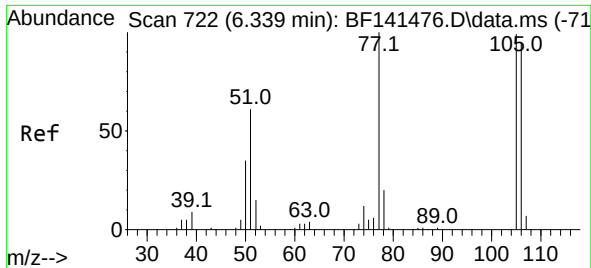
Reviewed By :Jagrut Upadhyay 02/11/2025
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#8
2-Chlorophenol
Concen: 43.680 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

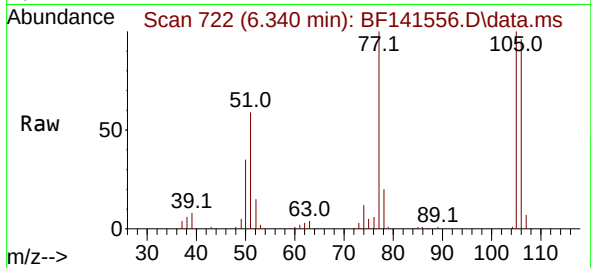
Tgt Ion:128 Resp: 302453
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 50.1 28.3 68.3





#9
Benzaldehyde
Concen: 41.267 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

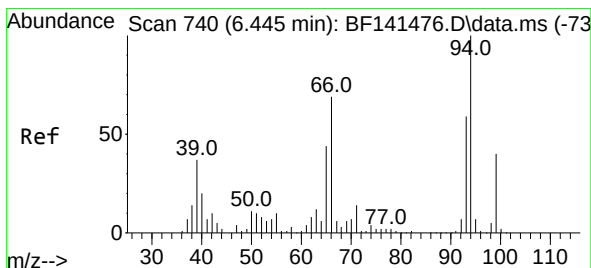
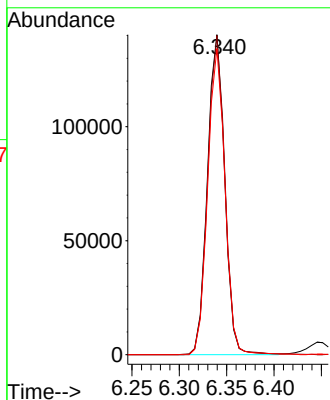
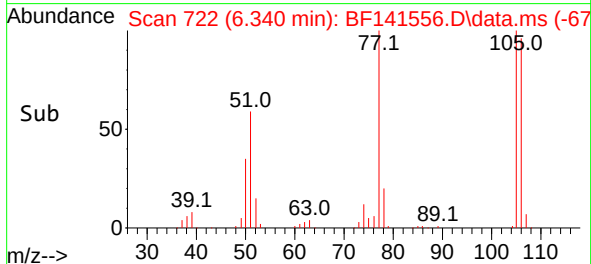
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion: 77 Resp: 17761
Ion Ratio Lower Upper
77 100
105 99.8 79.4 119.4
106 95.7 75.1 115.1

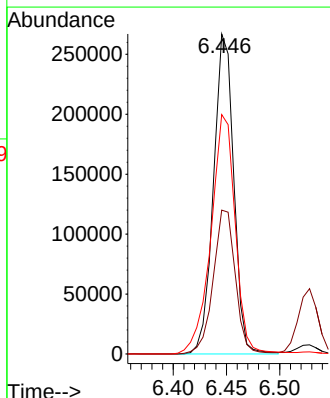
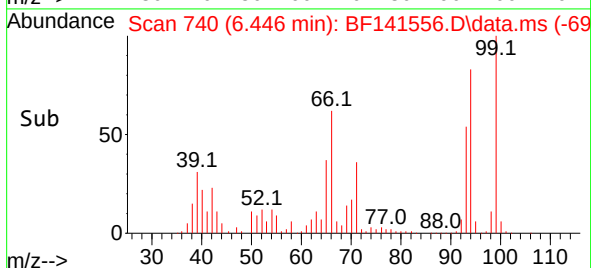
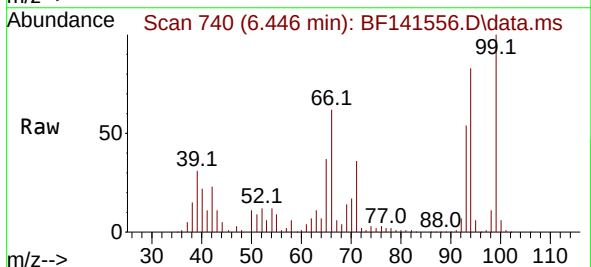
Manual Integrations
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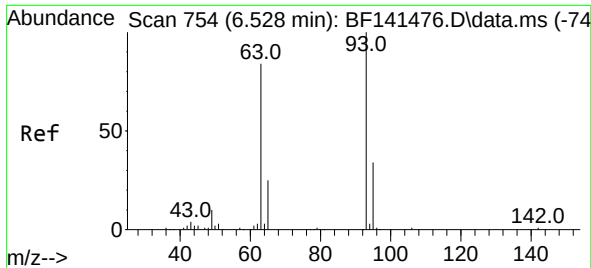
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 41.827 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion: 94 Resp: 352597
Ion Ratio Lower Upper
94 100
65 44.9 23.7 63.7
66 74.8 49.3 89.3





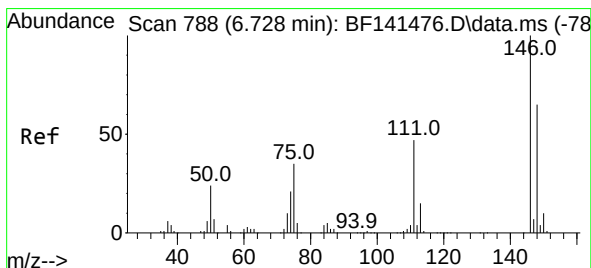
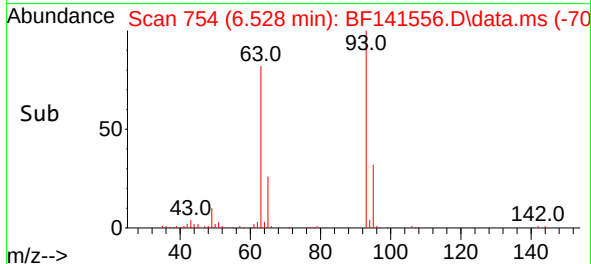
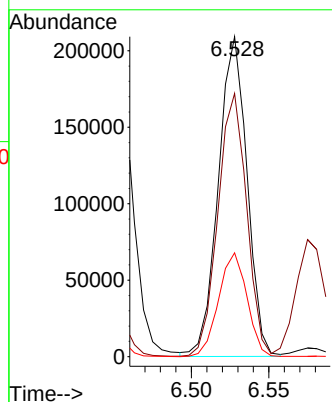
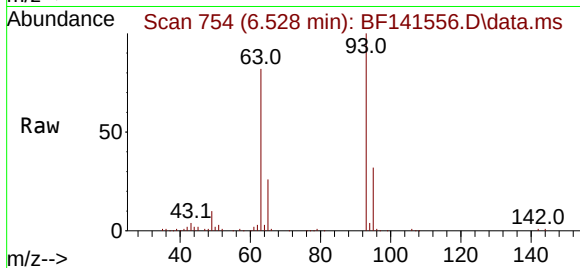
#11
bis(2-Chloroethyl)ether
Concen: 42.552 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion: 93 Resp: 26942
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.5 12.6 52.6

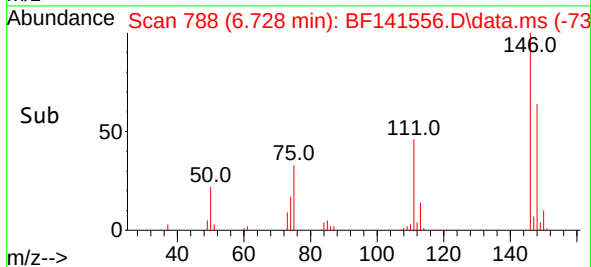
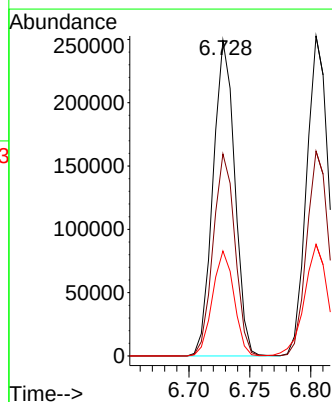
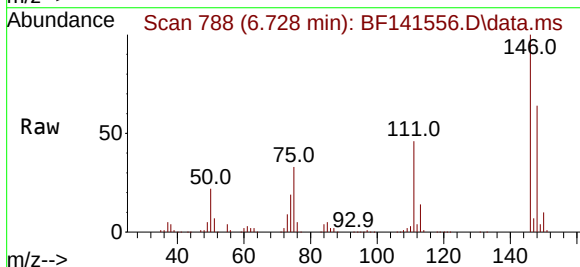
Manual Integrations
APPROVED

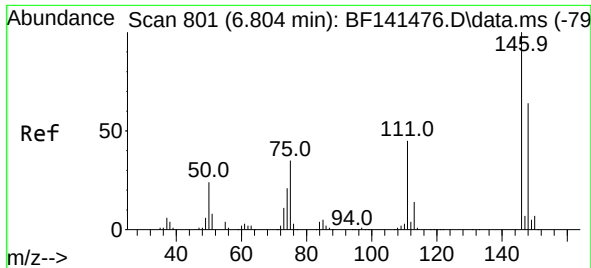
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.235 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:146 Resp: 308744
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.3 28.2 42.2





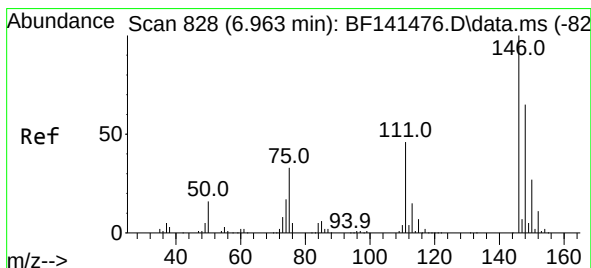
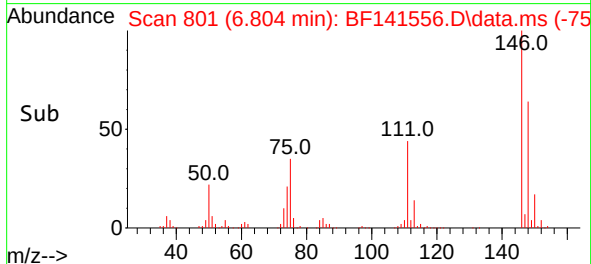
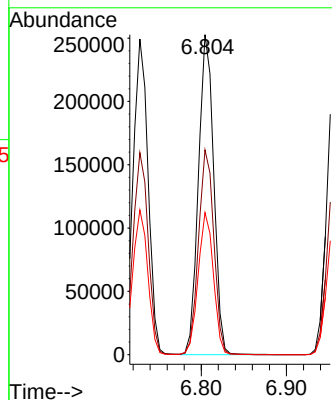
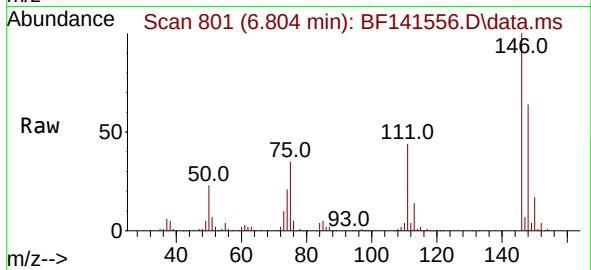
#13
1,4-Dichlorobenzene
Concen: 42.210 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:146 Resp: 315260
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 44.4 35.9 53.9

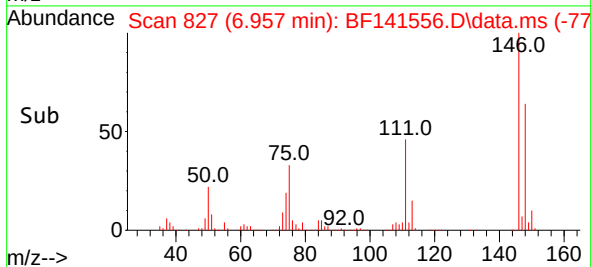
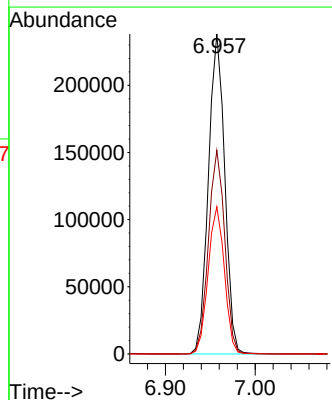
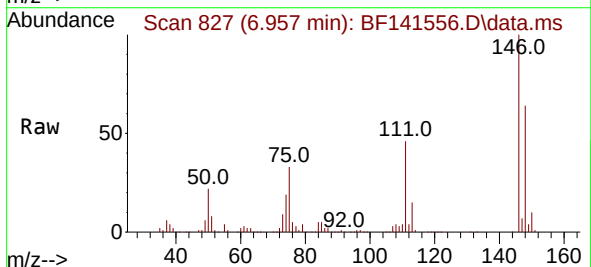
Manual Integrations
APPROVED

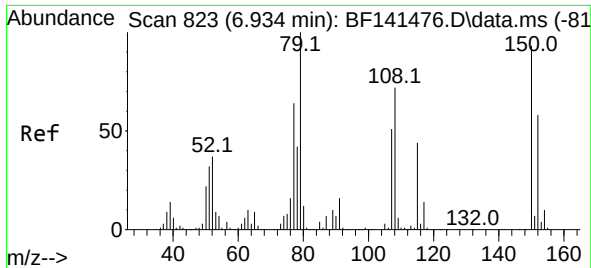
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 43.455 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

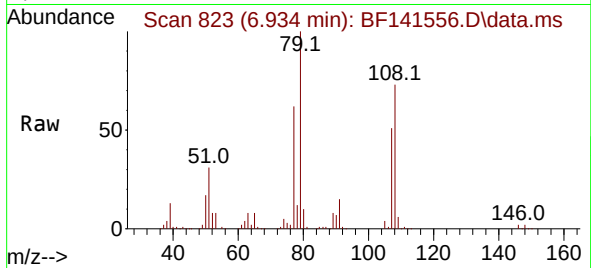
Tgt Ion:146 Resp: 301224
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 46.0 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.948 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

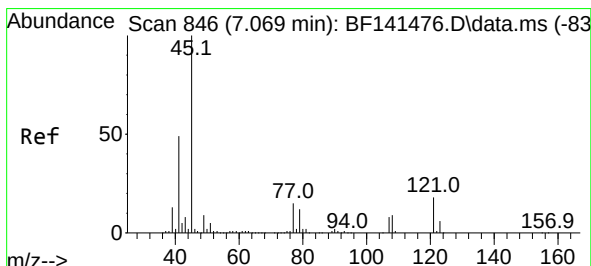
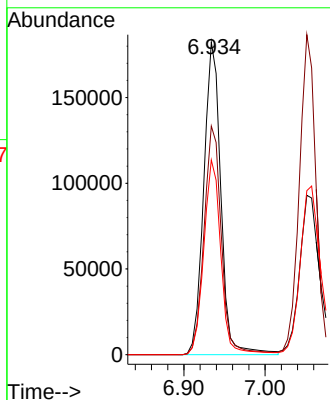
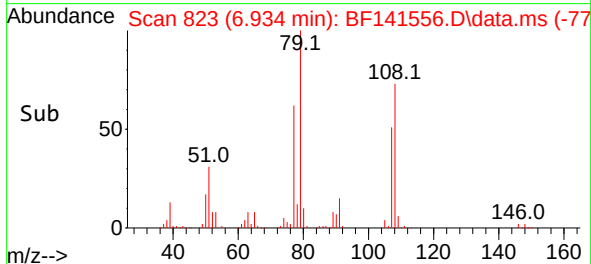
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



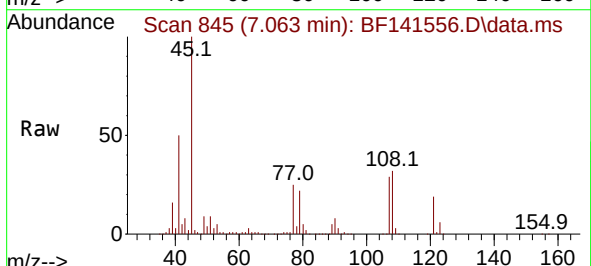
Tgt Ion: 79 Resp: 266752
Ion Ratio Lower Upper
79 100
108 73.1 57.4 86.2
77 62.3 50.9 76.3

Manual Integrations
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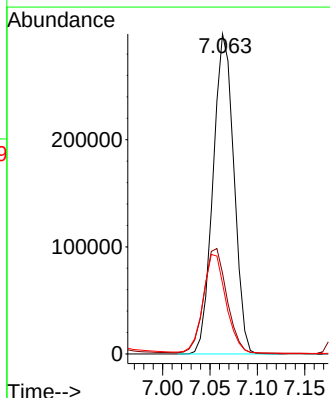
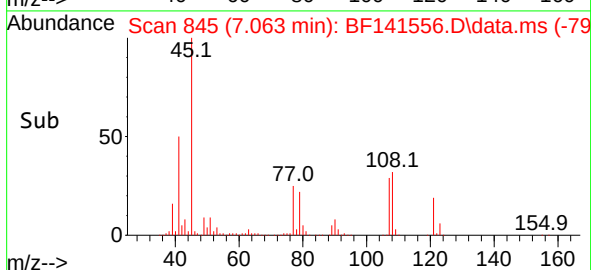
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

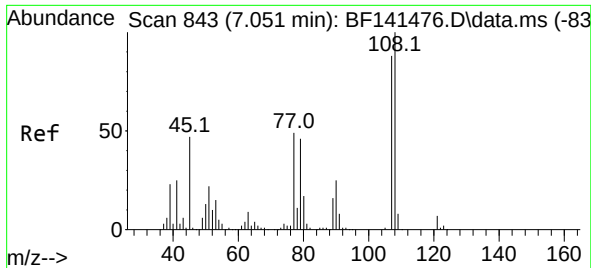


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.267 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



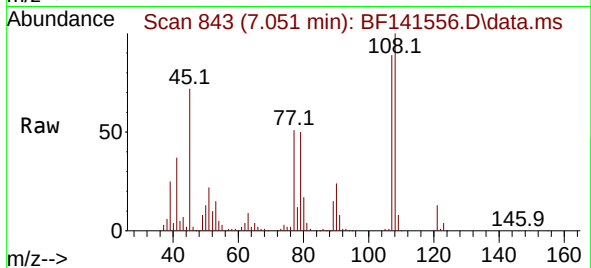
Tgt Ion: 45 Resp: 458126
Ion Ratio Lower Upper
45 100
77 25.3 0.0 35.8
79 22.0 0.0 32.7





#17
2-Methylphenol
Concen: 43.960 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

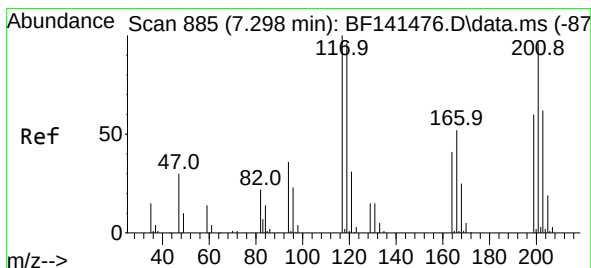
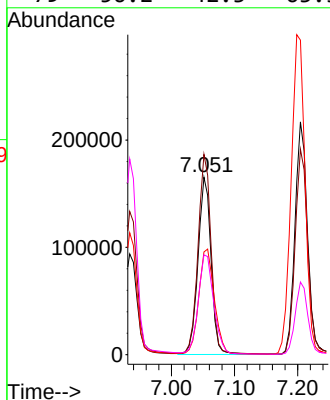
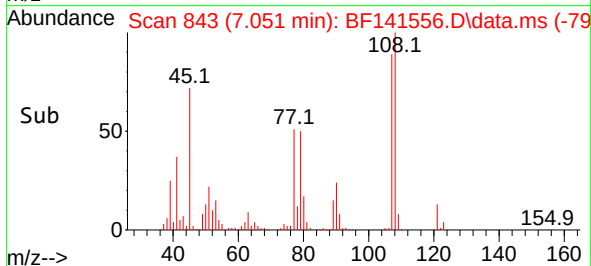


Tgt Ion:107 Resp: 23820

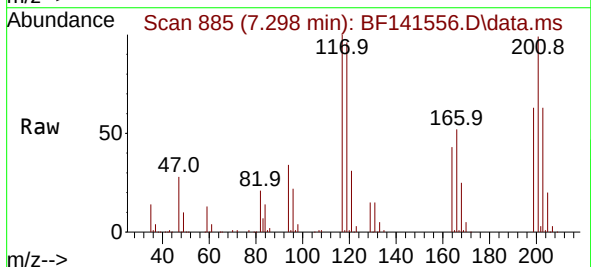
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.6	136.0
77	57.9	44.4	66.6
79	56.2	42.3	63.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

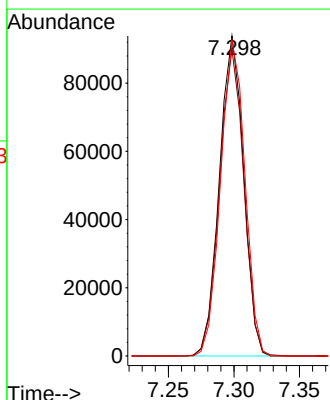
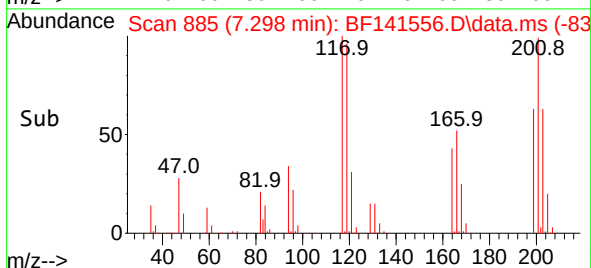


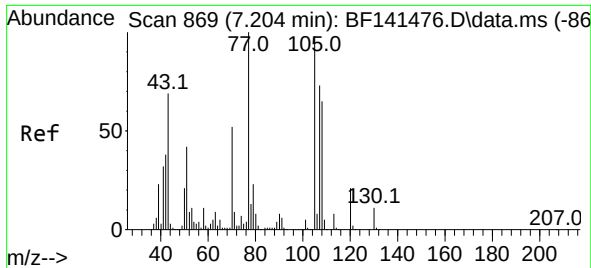
#18
Hexachloroethane
Concen: 43.621 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:117 Resp: 120574

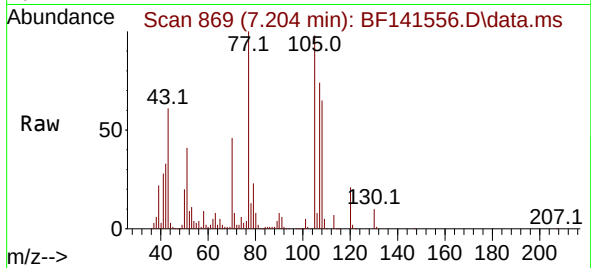
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.5	114.7
201	98.6	76.7	115.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.352 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

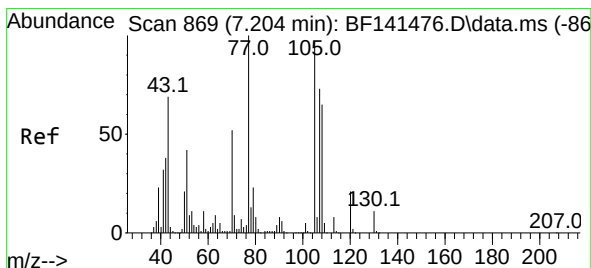
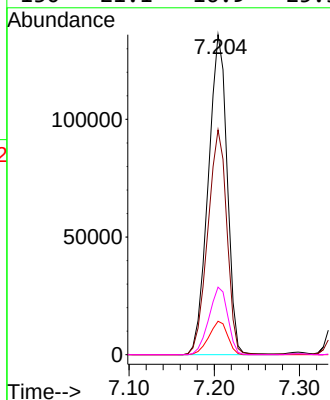
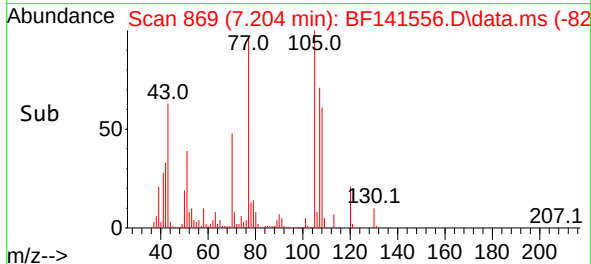
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



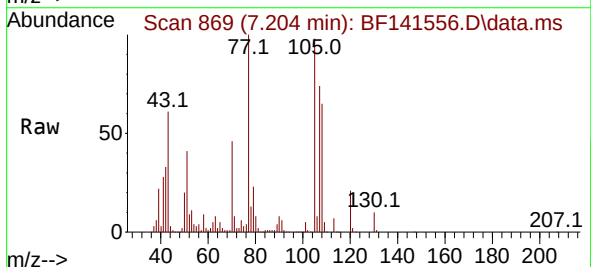
Tgt Ion: 70 Resp: 210028
Ion Ratio Lower Upper
70 100
42 70.3 57.4 86.2
101 10.4 8.0 12.0
130 21.1 16.9 25.3

Manual Integrations
APPROVED

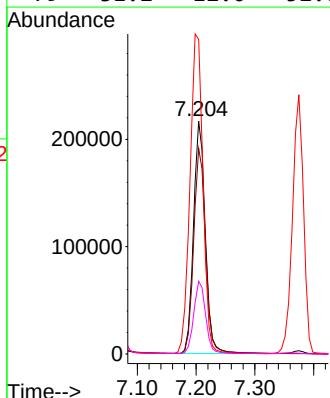
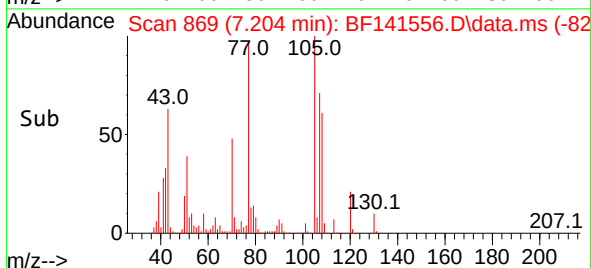
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

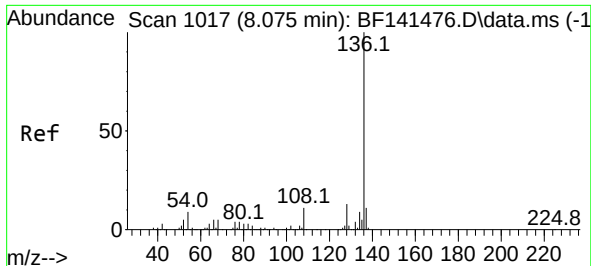


#20
3+4-Methylphenols
Concen: 43.713 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



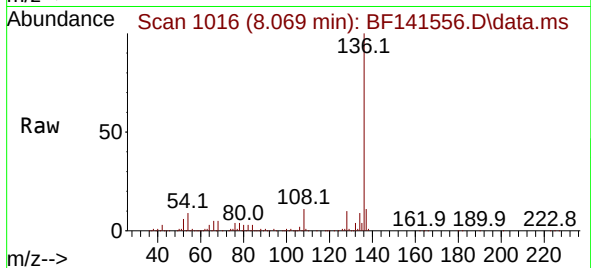
Tgt Ion:107 Resp: 301022
Ion Ratio Lower Upper
107 100
108 88.2 68.5 108.5
77 135.1 116.5 156.5
79 31.2 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

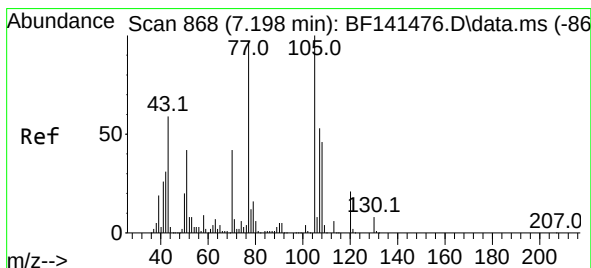
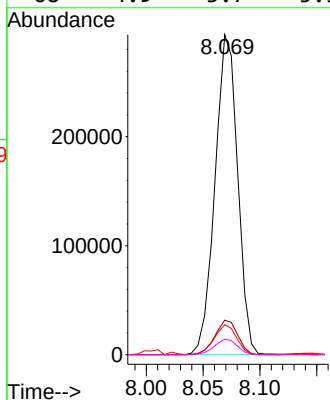
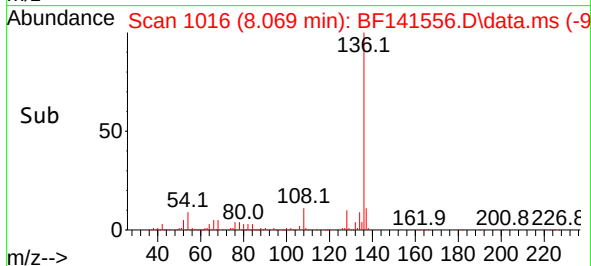
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



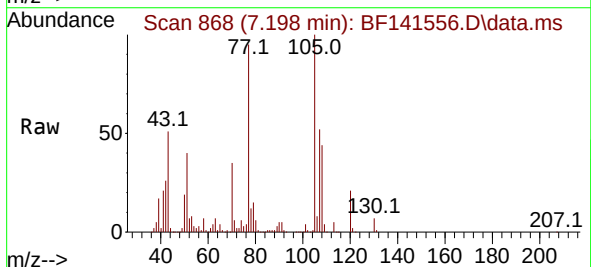
Tgt Ion:136 Resp: 407334
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 7.2 10.8
68 4.9 3.7 5.5

Manual Integrations
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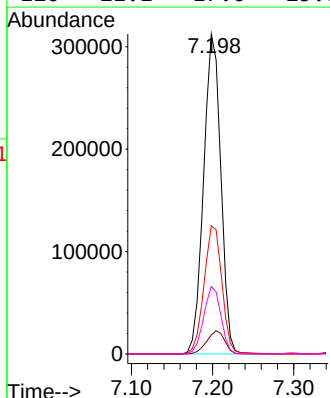
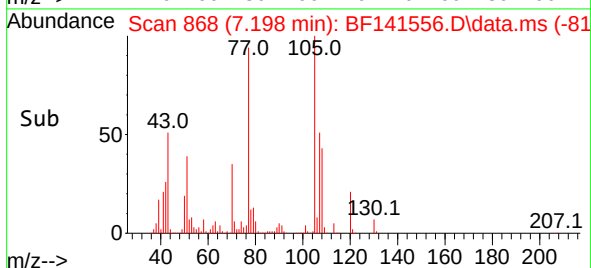
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

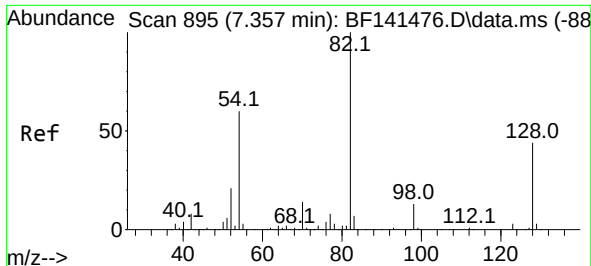


#22
Acetophenone
Concen: 45.490 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:105 Resp: 460937
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 40.0 33.7 50.5
120 21.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.804 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

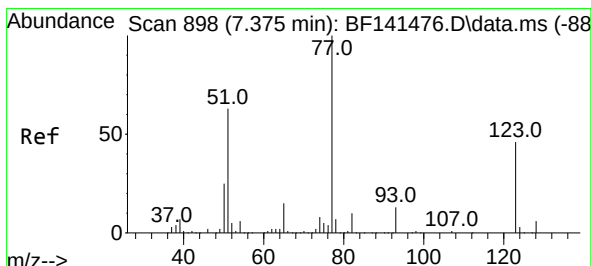
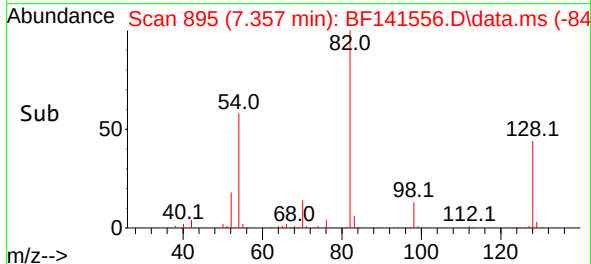
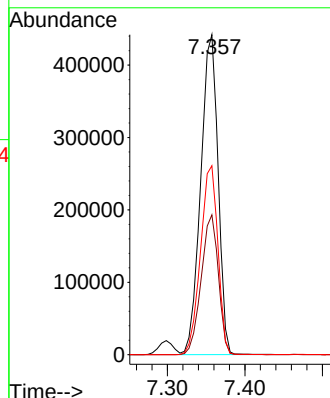
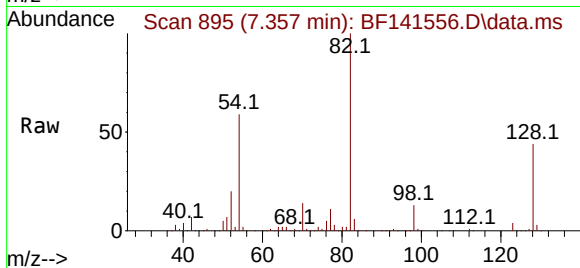
Tgt Ion: 82 Resp: 68571

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.8	52.2
54	59.1	48.2	72.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 41.431 ng

RT: 7.375 min Scan# 898

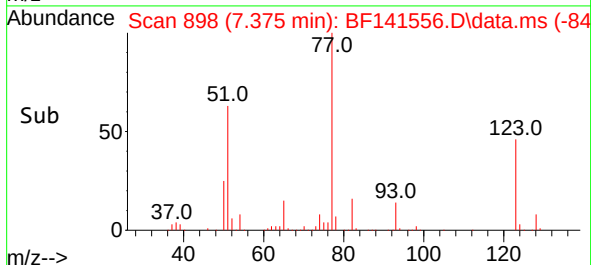
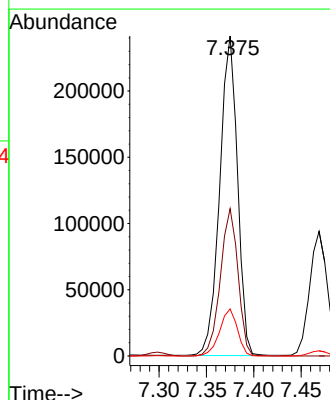
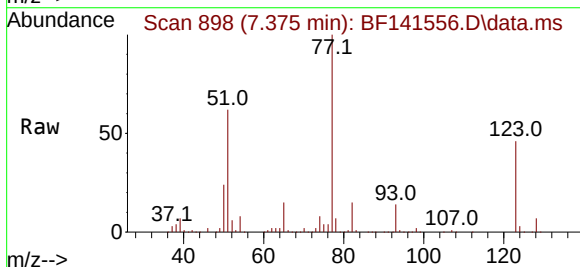
Delta R.T. -0.006 min

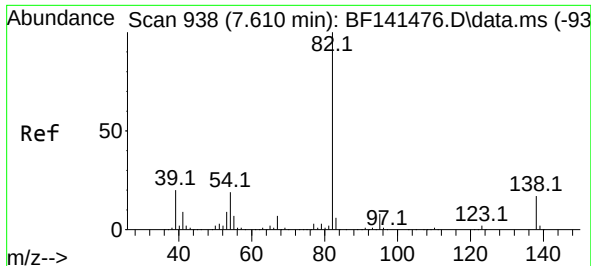
Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion: 77 Resp: 315513

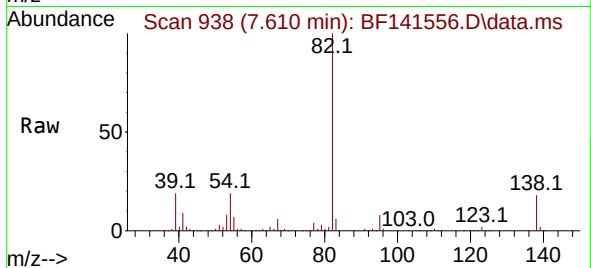
Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.9	55.3
65	14.7	11.9	17.9





#25
Isophorone
Concen: 45.740 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

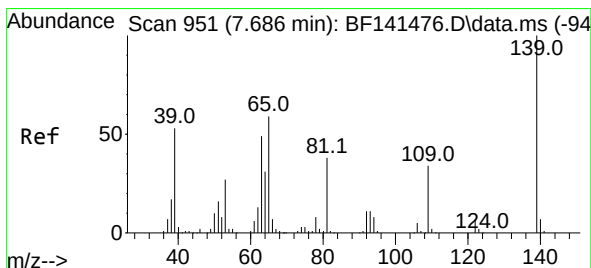
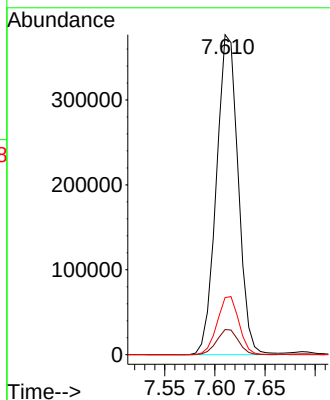
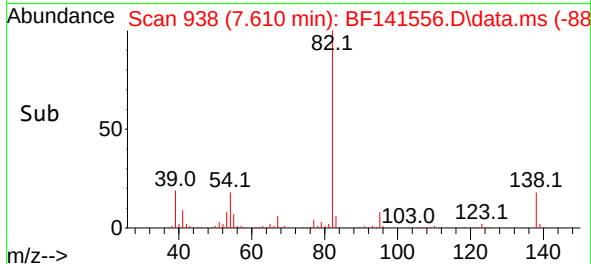
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



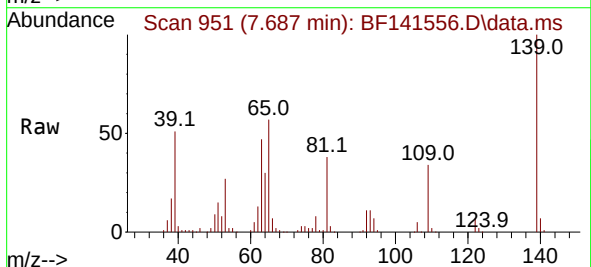
Tgt Ion: 82 Resp: 569550
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.8 13.9 20.9

Manual Integrations
APPROVED

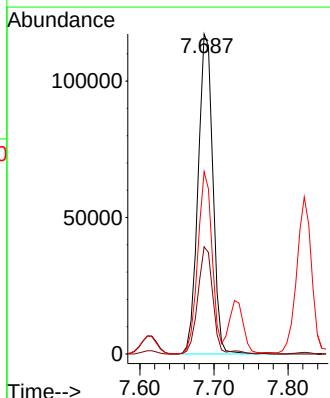
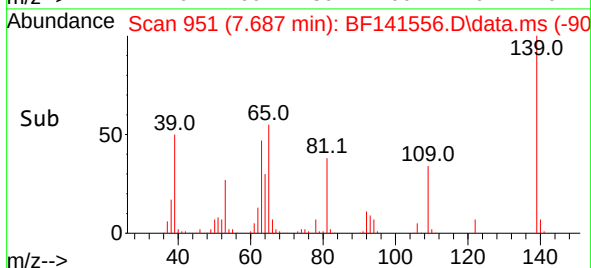
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

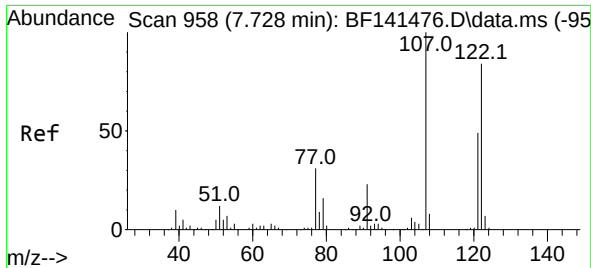


#26
2-Nitrophenol
Concen: 42.873 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:139 Resp: 162437
Ion Ratio Lower Upper
139 100
109 33.5 27.0 40.6
65 56.9 47.1 70.7





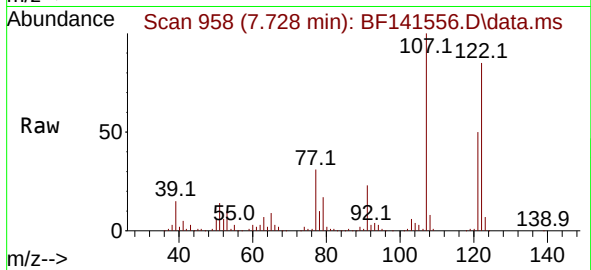
#27
2,4-Dimethylphenol
Concen: 55.448 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

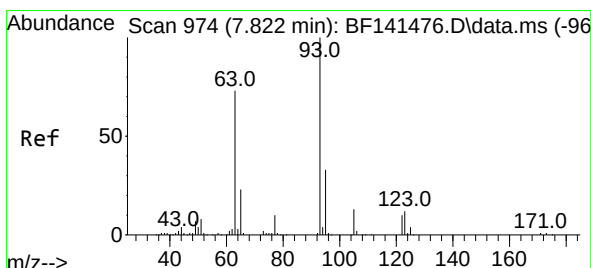
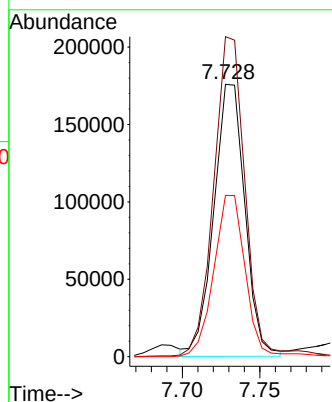
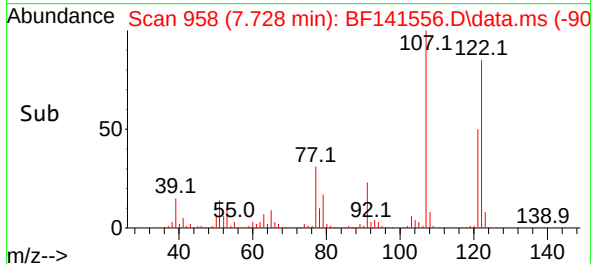


Tgt Ion:122 Resp: 245419
Ion Ratio Lower Upper
122 100
107 117.5 94.3 141.5
121 59.2 46.0 69.0

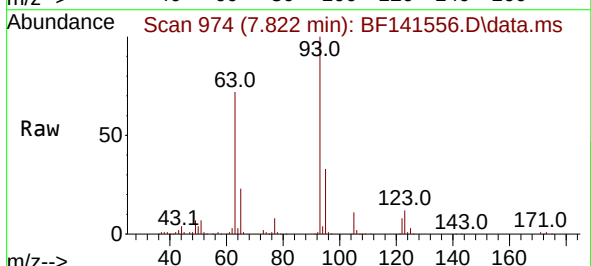
Manual Integrations

APPROVED

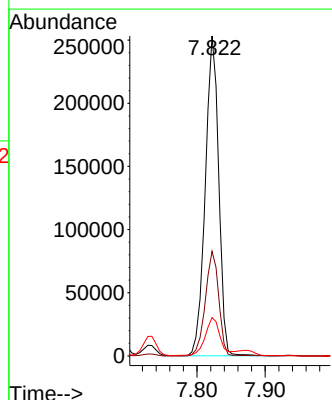
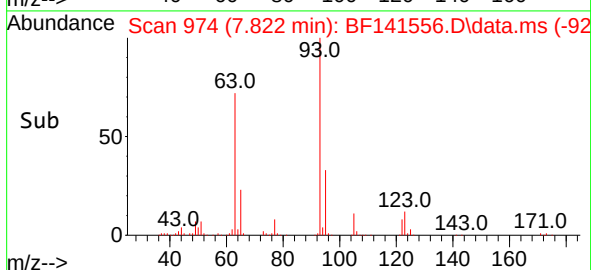
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

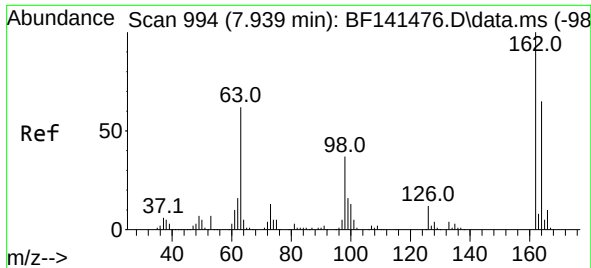


#28
bis(2-Chloroethoxy)methane
Concen: 43.449 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion: 93 Resp: 346682
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.695 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

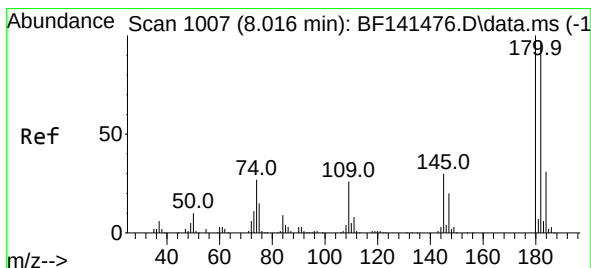
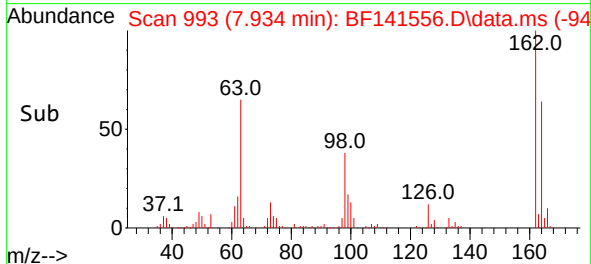
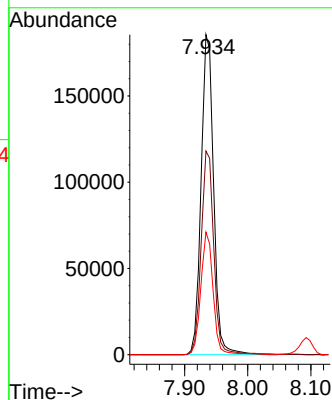
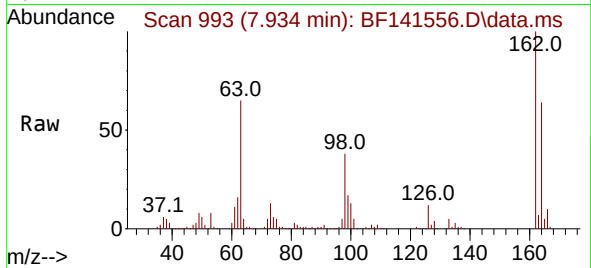
PB166641BSD

Tgt Ion:162	Resp: 25532
Ion Ratio	Lower Upper
162 100	
164 63.6	44.6 84.6
98 38.3	17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.459 ng

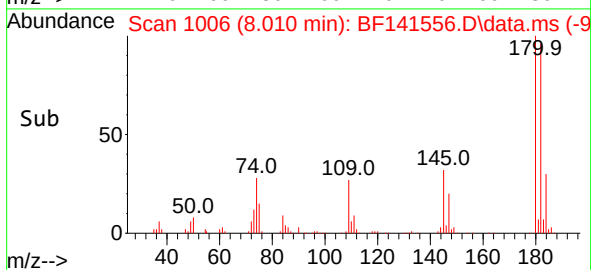
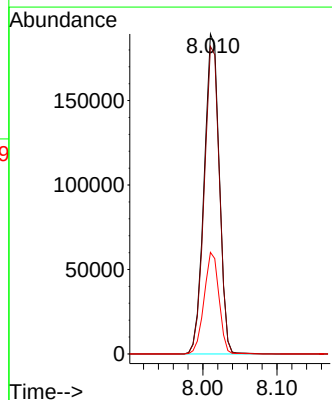
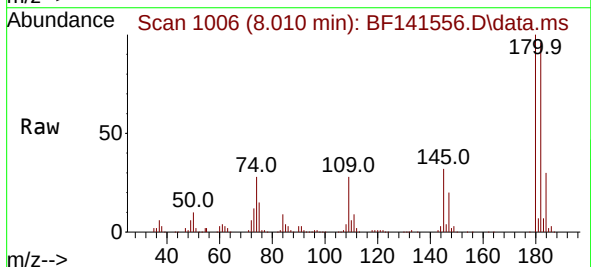
RT: 8.010 min Scan# 1006

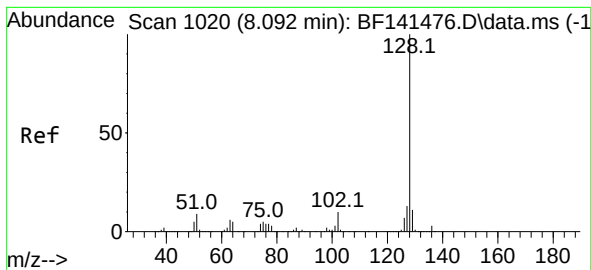
Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion:180	Resp: 269993
Ion Ratio	Lower Upper
180 100	
182 96.1	76.8 115.2
145 31.8	24.2 36.4





#31

Naphthalene

Concen: 40.718 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:128 Resp: 86336

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

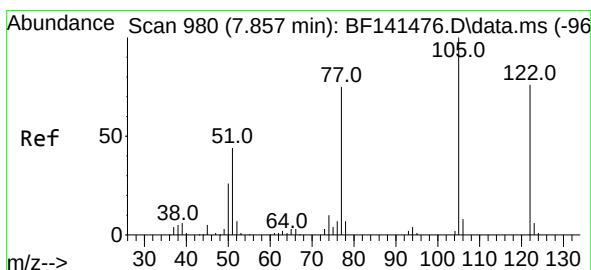
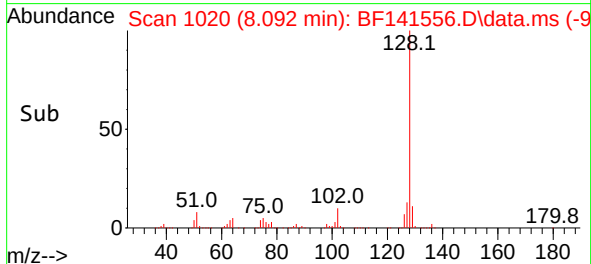
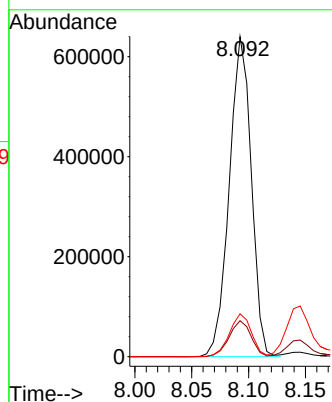
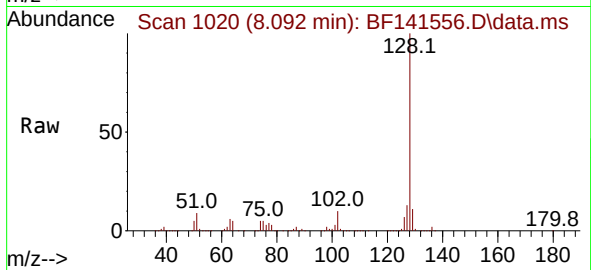
127 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025



#32

Benzoic acid

Concen: 42.679 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.017 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

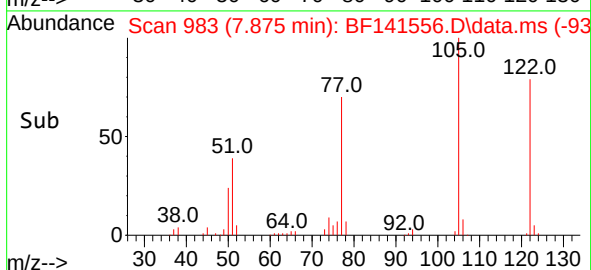
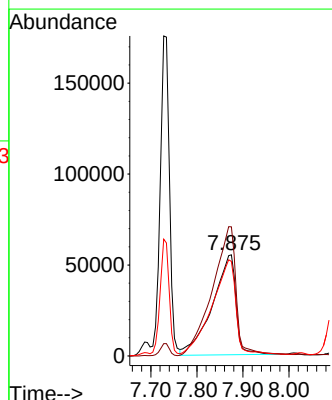
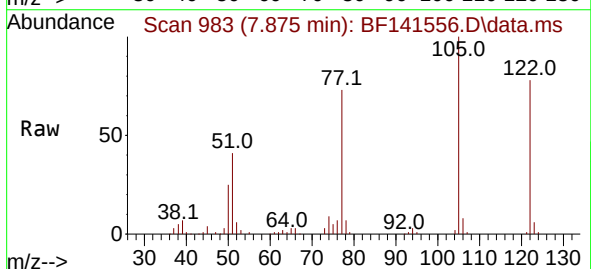
Tgt Ion:122 Resp: 196214

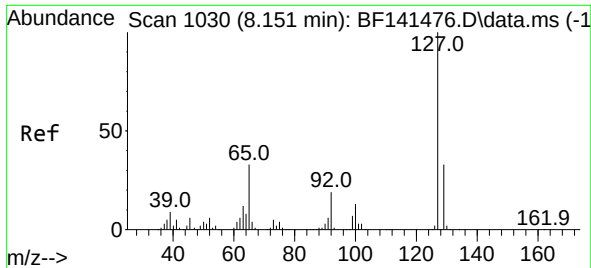
Ion Ratio Lower Upper

122 100

105 127.7 106.5 146.5

77 93.5 76.3 116.3





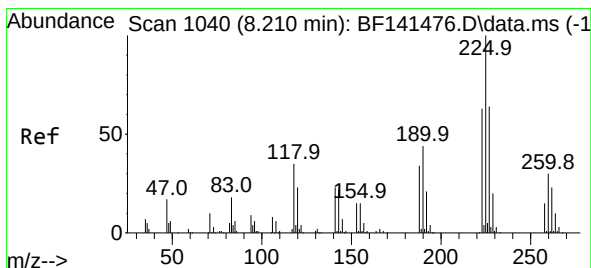
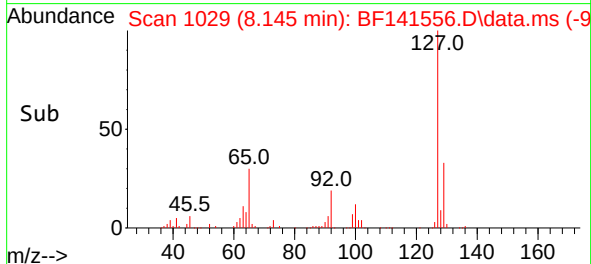
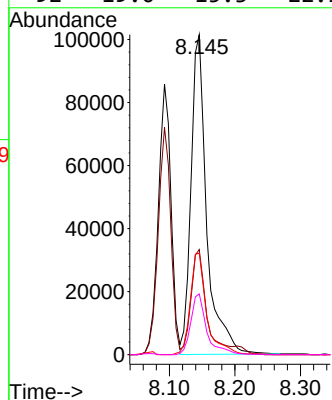
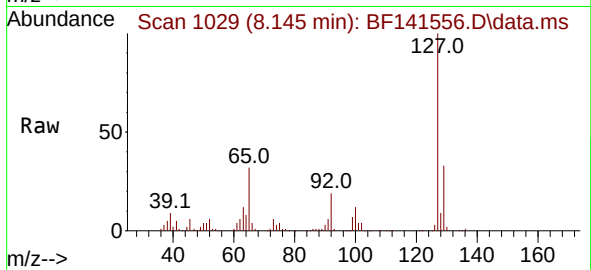
#33
4-Chloroaniline
Concen: 22.840 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:	127	Resp:	169079
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.5	39.7
65	31.8	26.4	39.6
92	19.0	15.3	22.9

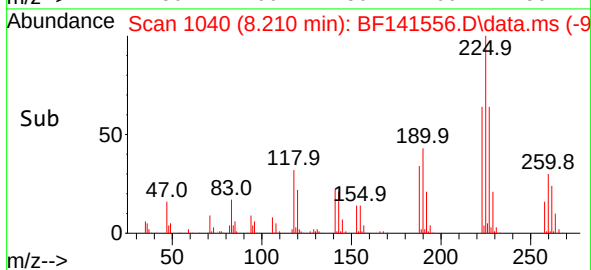
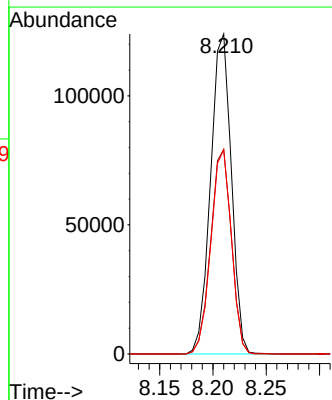
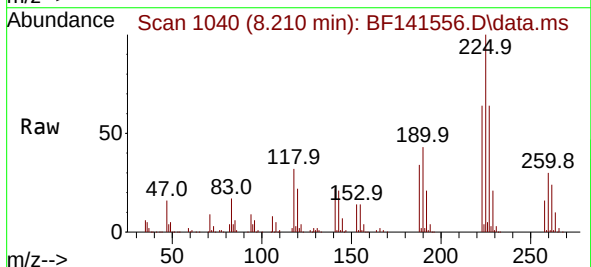
Manual Integrations
APPROVED

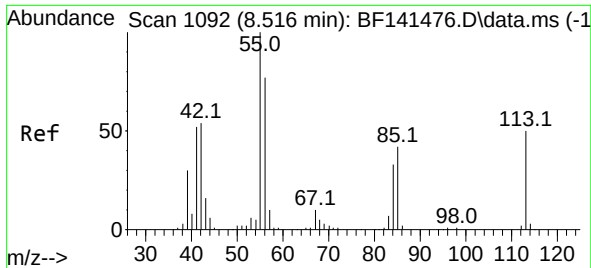
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#34
Hexachlorobutadiene
Concen: 43.019 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:	225	Resp:	168186
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.1	75.1
227	63.9	51.0	76.6





#35
Caprolactam
Concen: 48.862 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

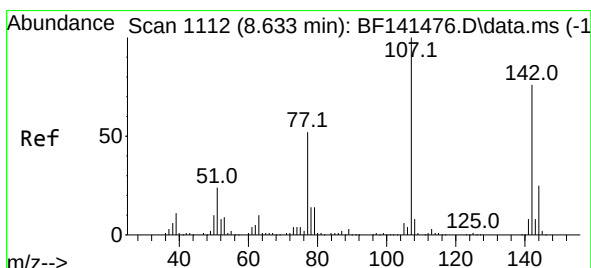
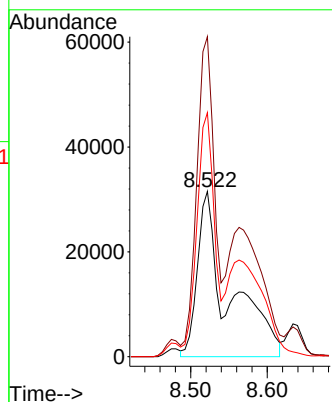
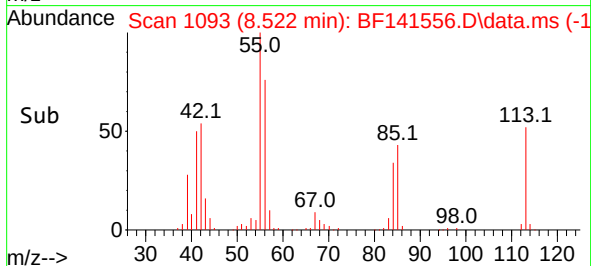
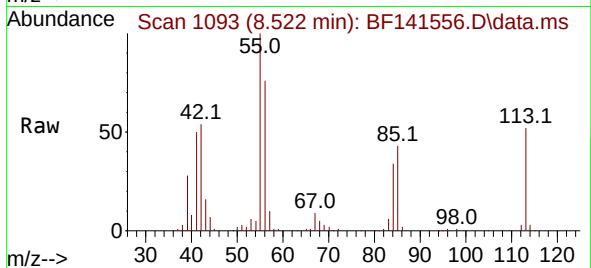
ClientSampleId :

PB166641BSD

Tgt Ion:113 Resp: 8896
Ion Ratio Lower Upper
113 100
55 193.7 180.8 220.8
56 147.7 133.6 173.6

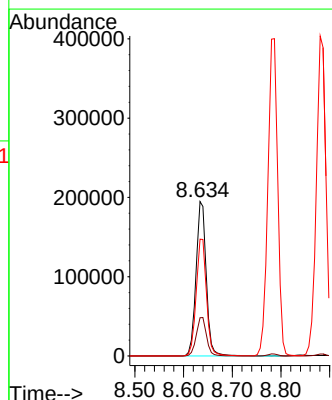
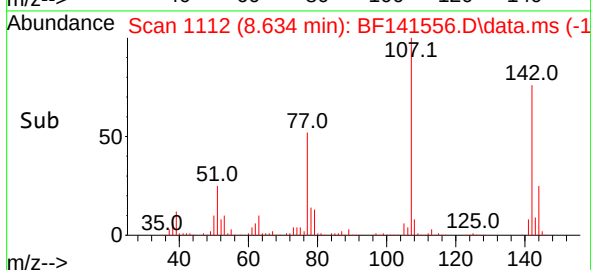
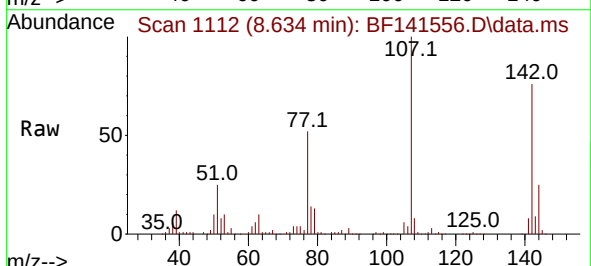
Manual Integrations
APPROVED

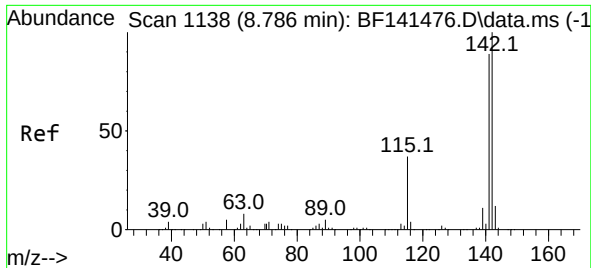
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 43.002 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

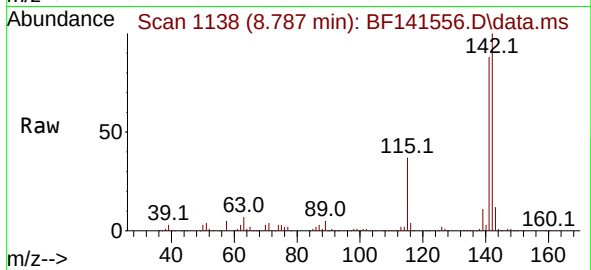
Tgt Ion:107 Resp: 284863
Ion Ratio Lower Upper
107 100
144 24.8 19.7 29.5
142 75.7 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.470 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

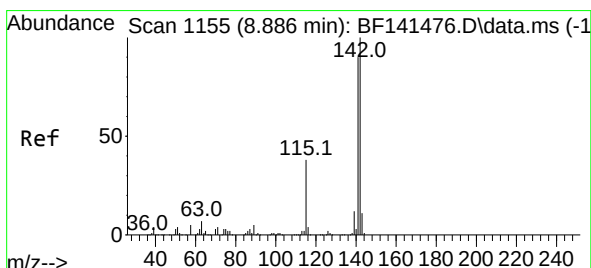
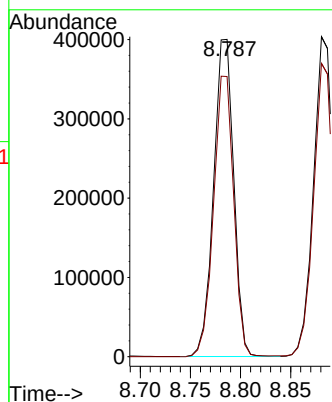
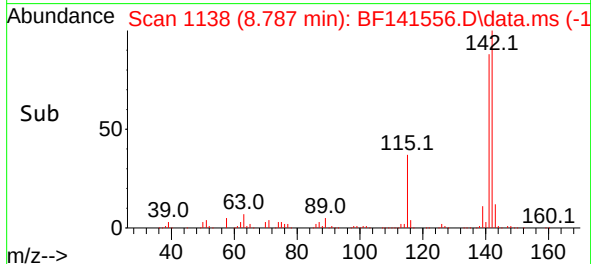
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:142 Resp: 558390
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

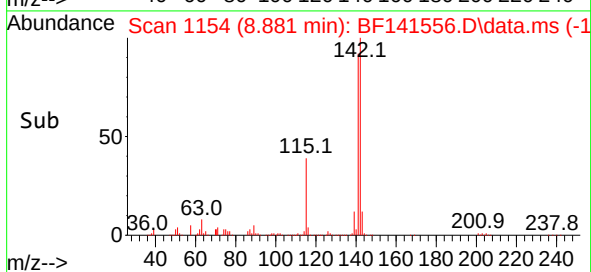
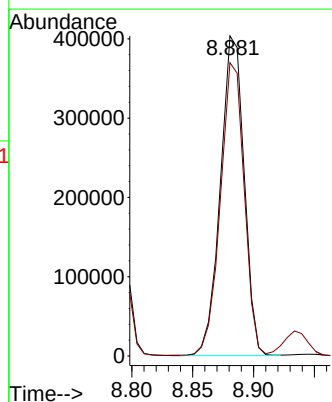
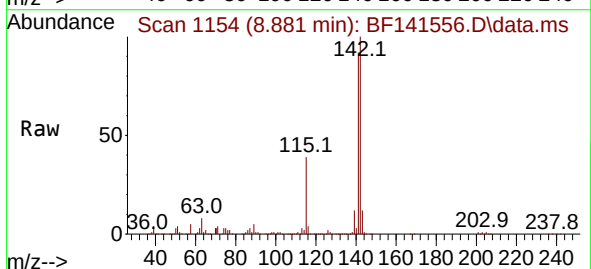
Manual Integrations
APPROVED

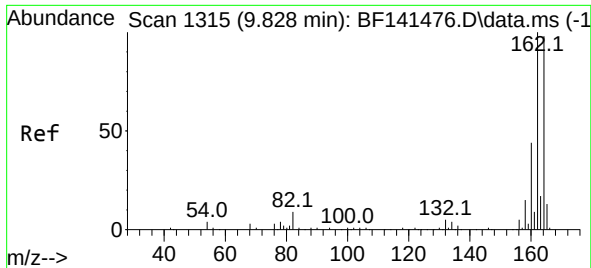
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 40.990 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

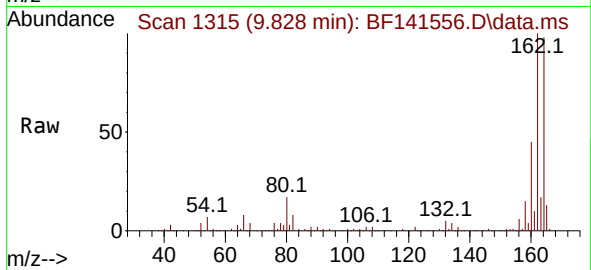
Tgt Ion:142 Resp: 547773
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

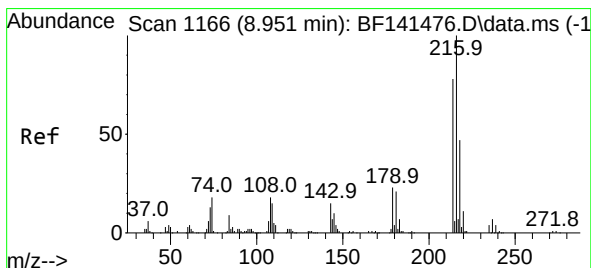
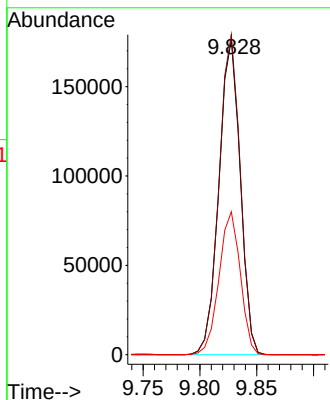
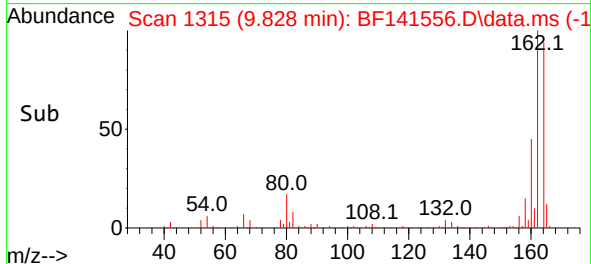
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



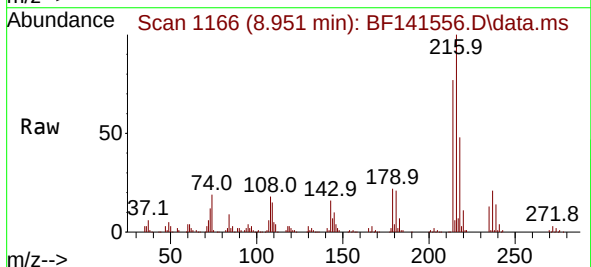
Tgt Ion:164 Resp: 229450
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.4 35.9 53.9

Manual Integrations
APPROVED

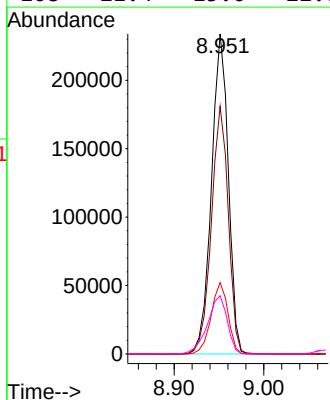
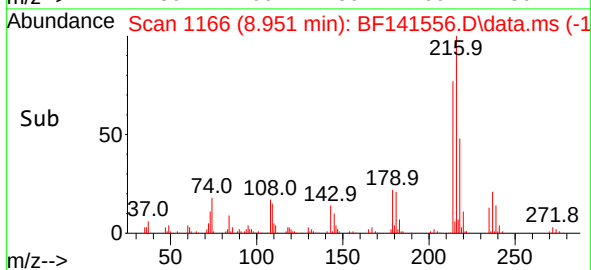
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

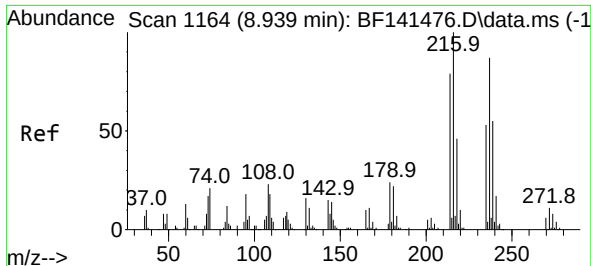


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.944 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



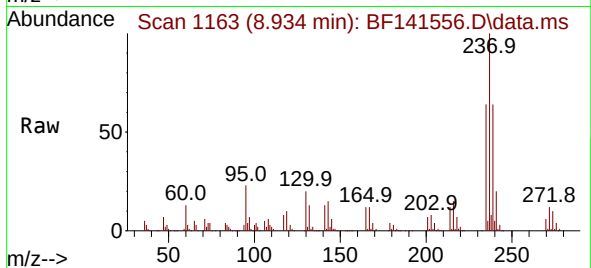
Tgt Ion:216 Resp: 304990
Ion Ratio Lower Upper
216 100
214 77.4 62.3 93.5
179 22.3 18.0 27.0
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 151.288 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

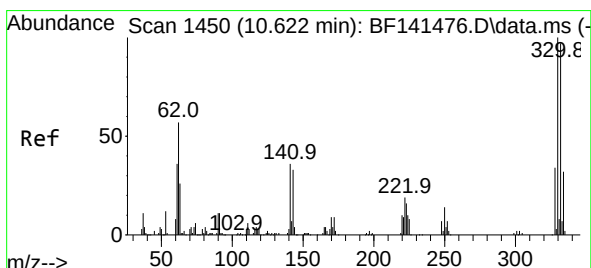
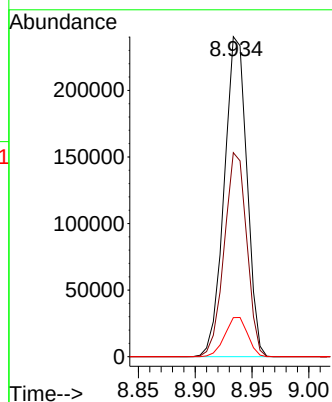
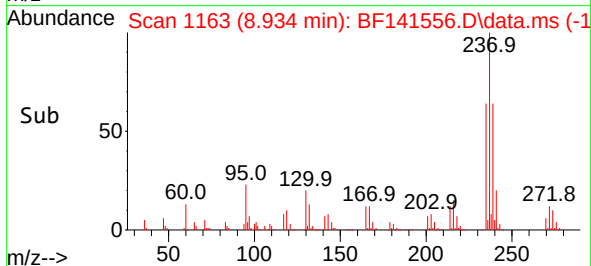
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



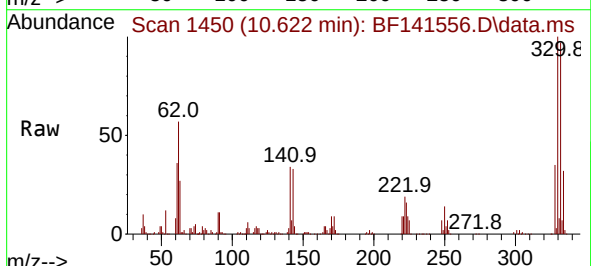
Tgt Ion:237 Resp: 334036
Ion Ratio Lower Upper
237 100
235 63.7 41.4 81.4
272 12.2 0.0 32.4

Manual Integrations
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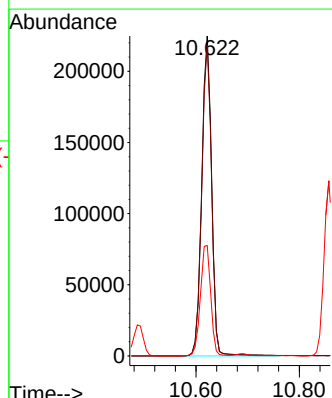
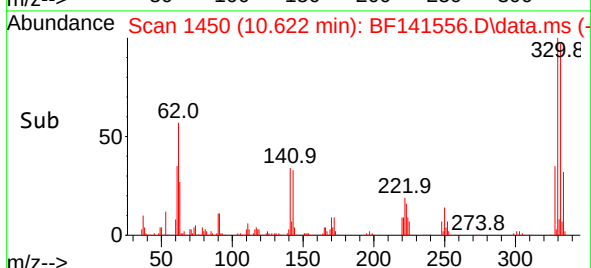
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

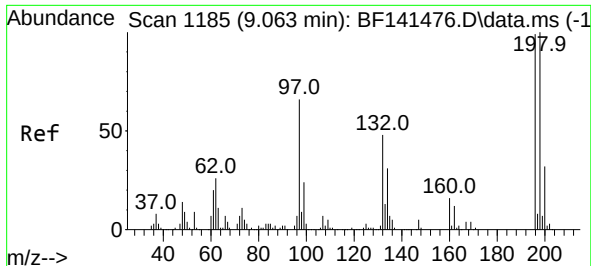


#42
2,4,6-Tribromophenol
Concen: 129.606 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



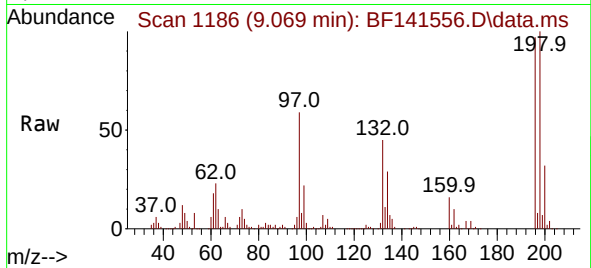
Tgt Ion:330 Resp: 298733
Ion Ratio Lower Upper
330 100
332 97.2 78.5 117.7
141 36.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 41.796 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

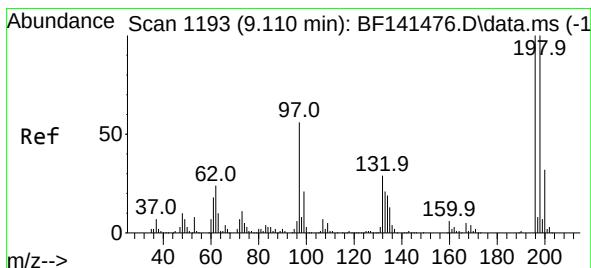
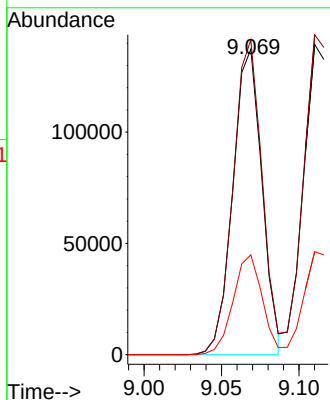
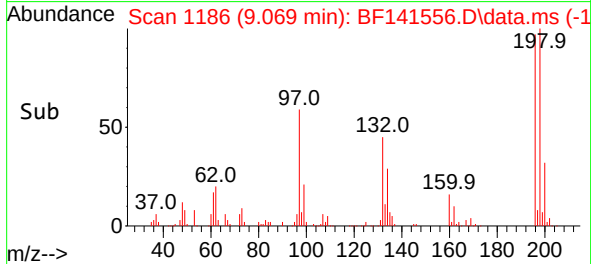
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:196 Resp: 17932
Ion Ratio Lower Upper
196 100
198 103.0 80.6 121.0
200 32.7 25.5 38.3

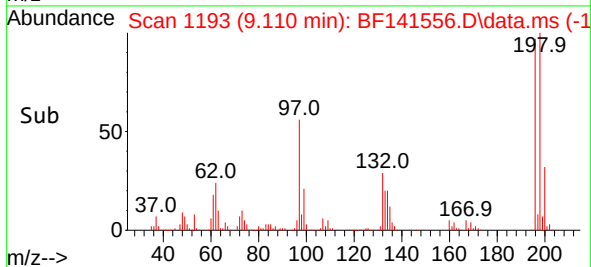
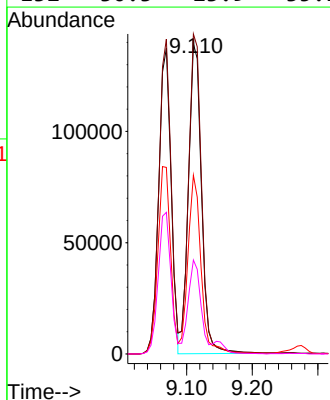
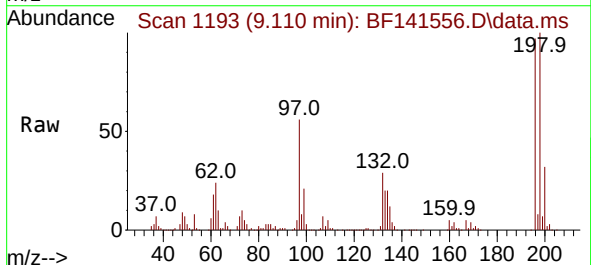
Manual Integrations
APPROVED

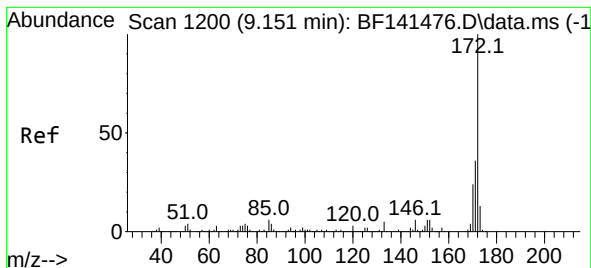
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#44
2,4,5-Trichlorophenol
Concen: 41.505 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Tgt Ion:196 Resp: 192991
Ion Ratio Lower Upper
196 100
198 103.2 79.8 119.8
97 57.6 44.8 67.2
132 30.3 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 86.557 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

Tgt Ion:172 Resp: 128910

Ion Ratio Lower Upper

172 100

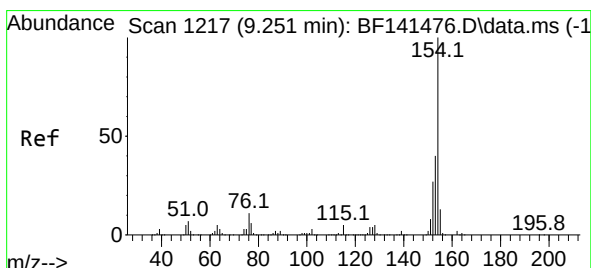
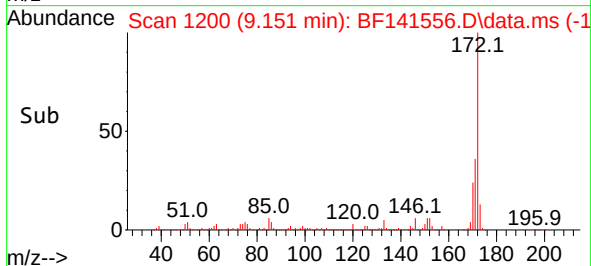
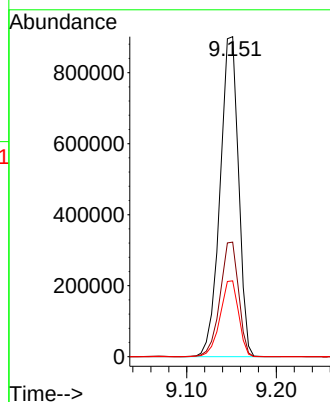
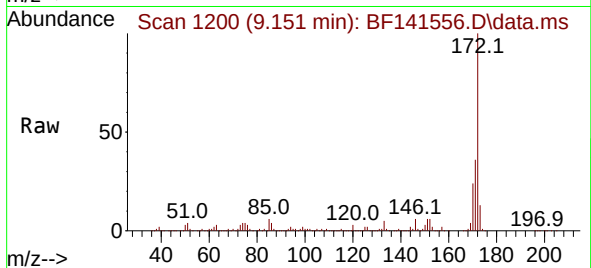
171 35.8 28.7 43.1

170 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#46

1,1'-Biphenyl

Concen: 45.318 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

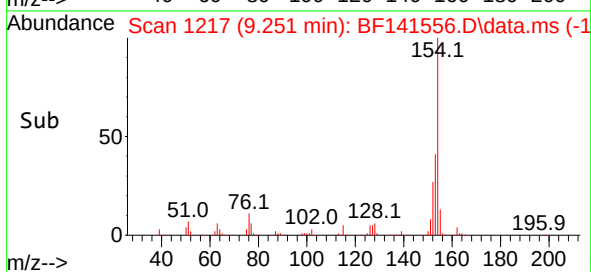
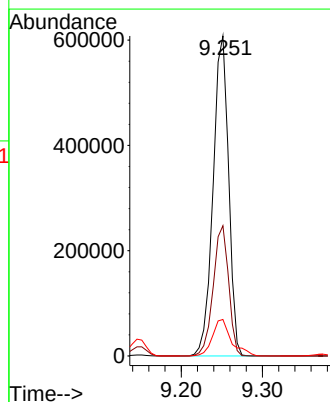
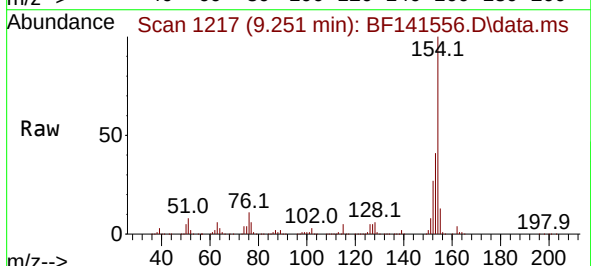
Tgt Ion:154 Resp: 806153

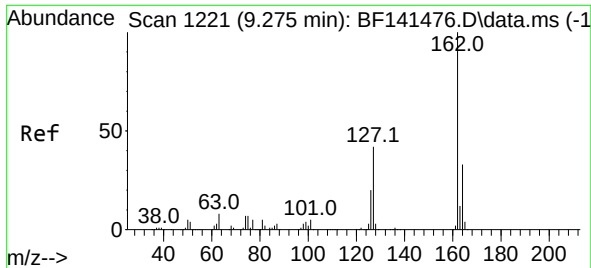
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.4 0.0 30.8





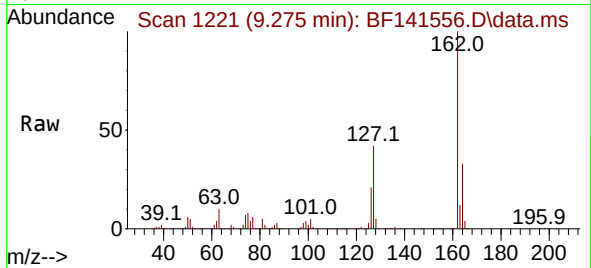
#47
2-Chloronaphthalene
Concen: 41.464 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

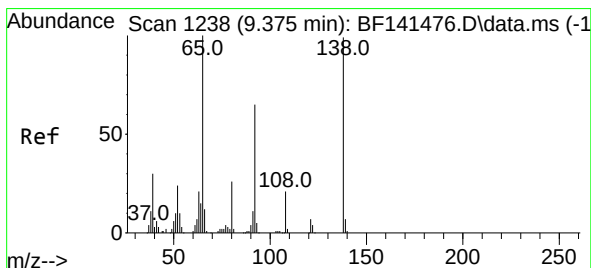
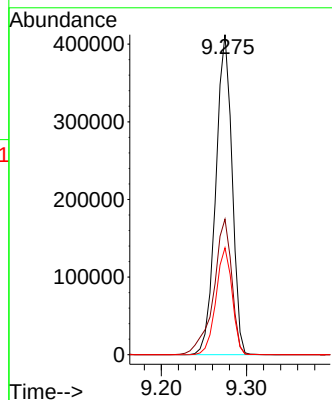
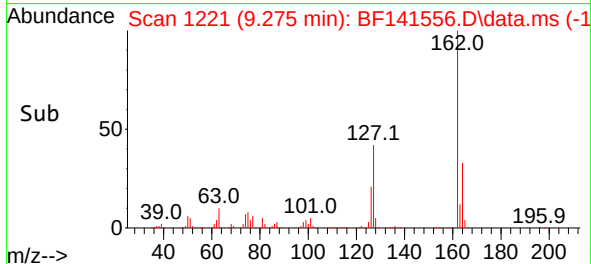


Tgt Ion:162 Resp: 54542
Ion Ratio Lower Upper
162 100
127 42.4 34.1 51.1
164 33.4 26.3 39.5

Manual Integrations

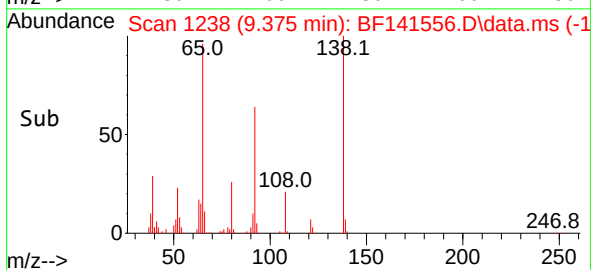
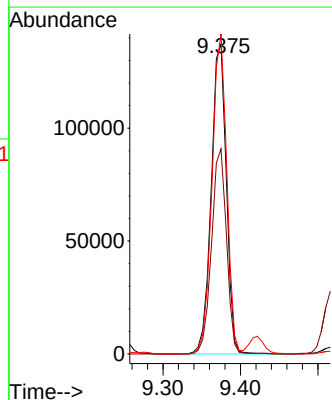
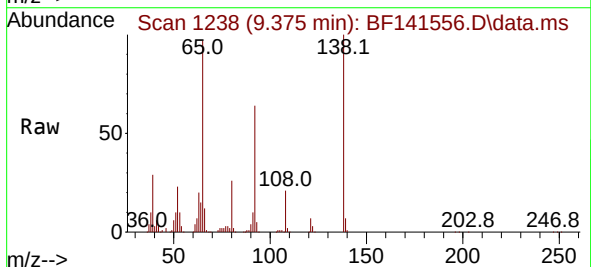
APPROVED

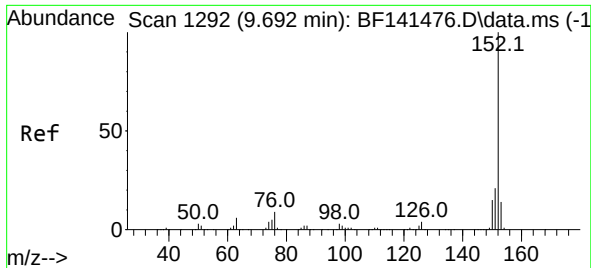
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#48
2-Nitroaniline
Concen: 42.059 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

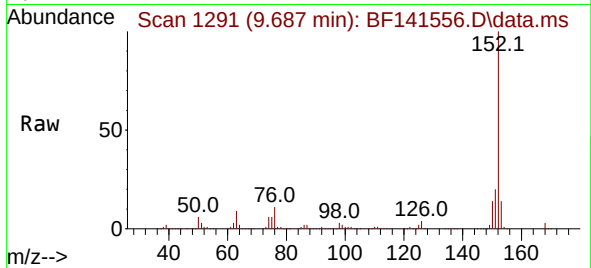
Tgt Ion: 65 Resp: 185673
Ion Ratio Lower Upper
65 100
92 66.2 52.2 78.2
138 103.2 79.5 119.3





#49
Acenaphthylene
Concen: 43.868 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

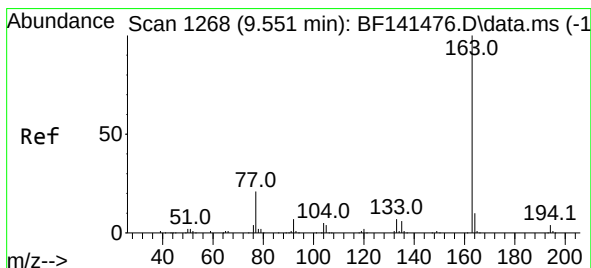
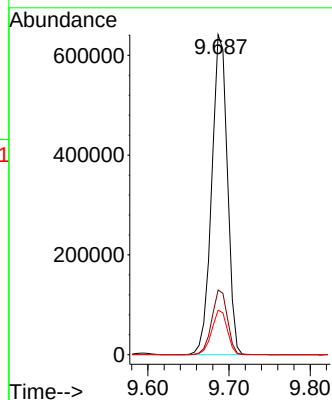
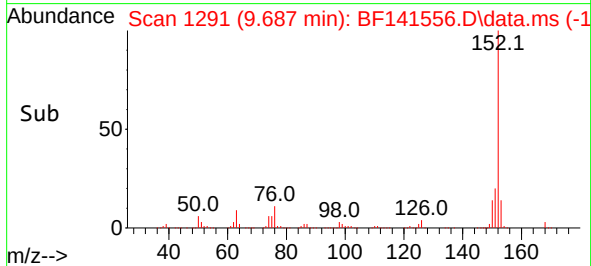
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



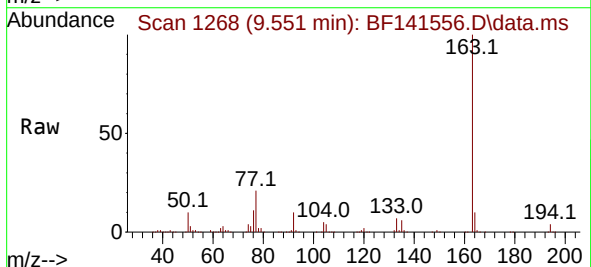
Tgt Ion:152 Resp: 85831
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
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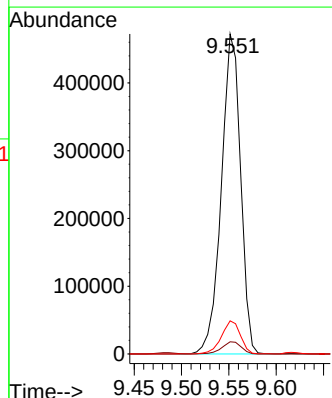
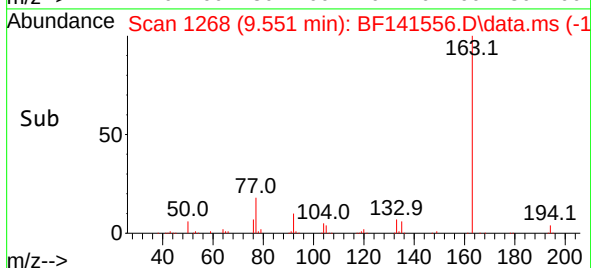
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

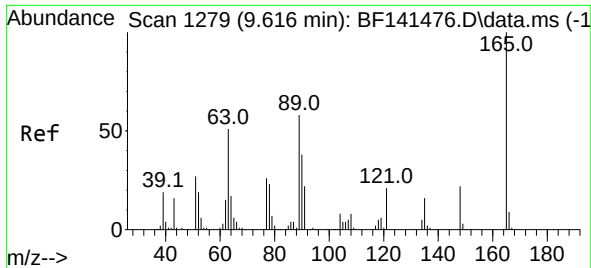


#50
Dimethylphthalate
Concen: 42.844 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



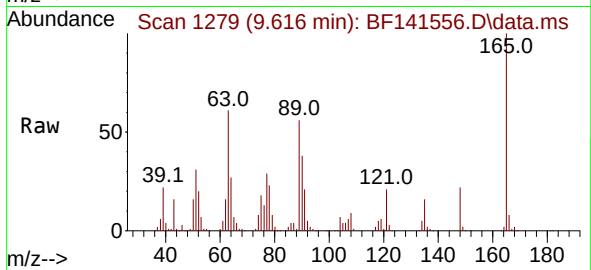
Tgt Ion:163 Resp: 667368
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.851 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

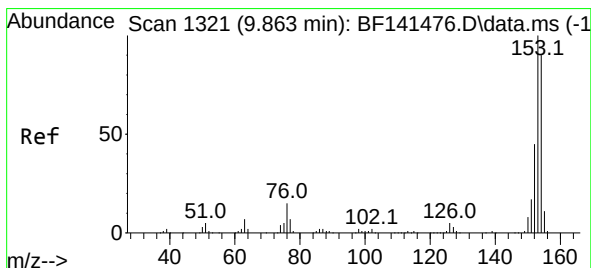
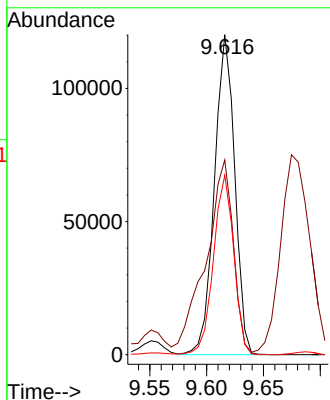
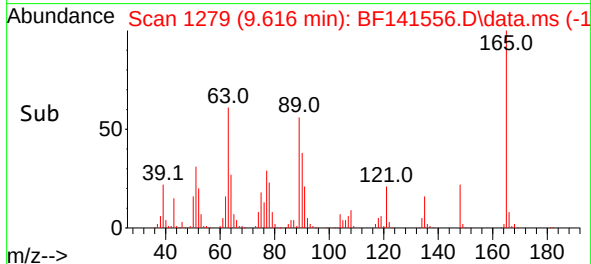
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



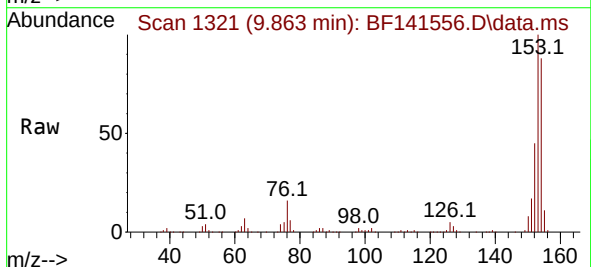
Tgt Ion:165 Resp: 14932
Ion Ratio Lower Upper
165 100
63 60.9 49.4 74.0
89 56.0 46.5 69.7

Manual Integrations
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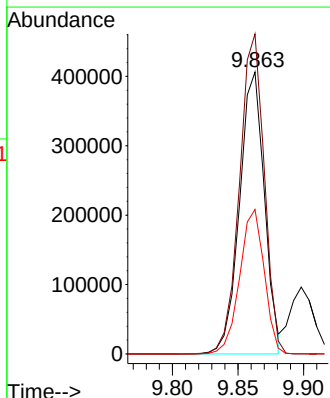
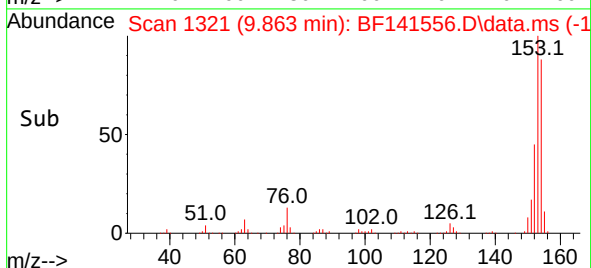
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

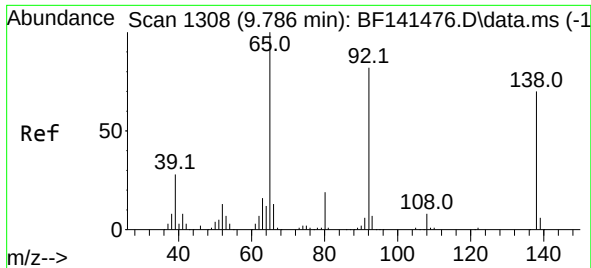


#52
Acenaphthene
Concen: 40.790 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



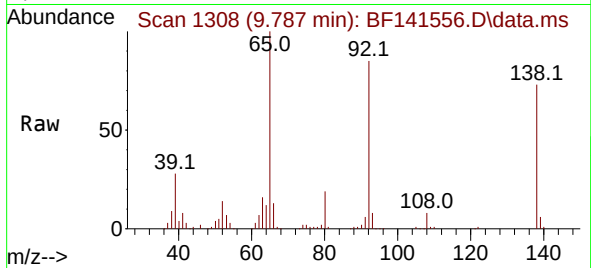
Tgt Ion:154 Resp: 536537
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 51.2 39.8 59.8





#53
3-Nitroaniline
Concen: 26.675 ng
RT: 9.787 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

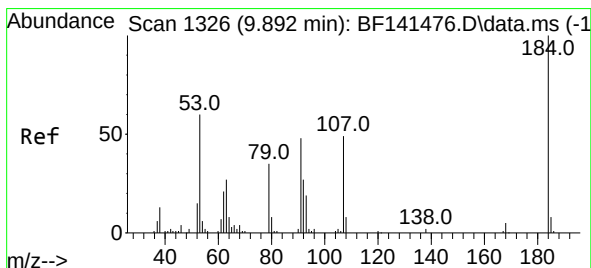
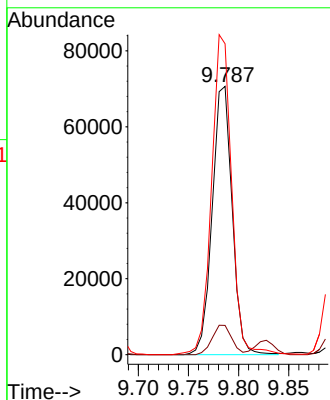
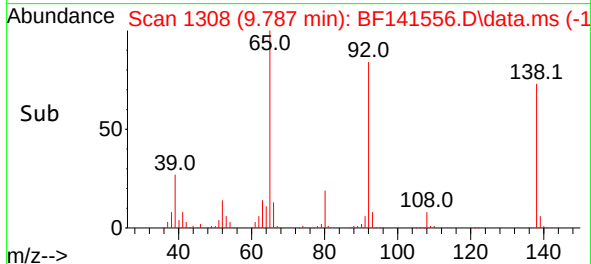
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:138 Resp: 9776
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 115.9 93.7 140.5

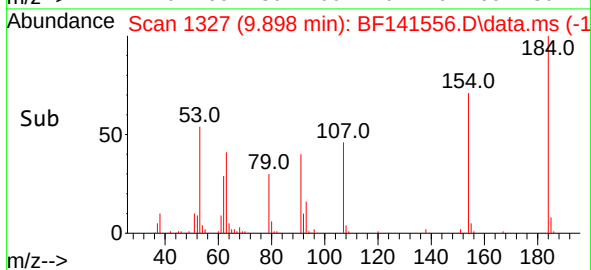
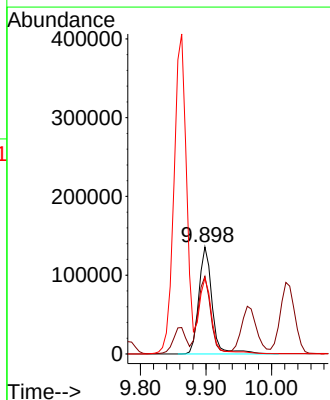
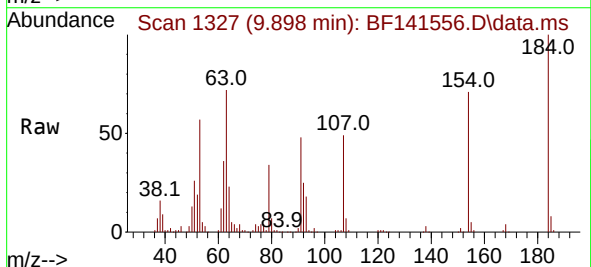
Manual Integrations
APPROVED

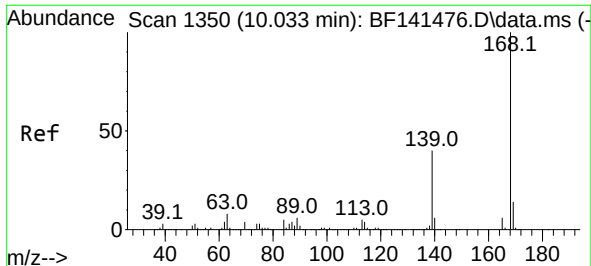
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#54
2,4-Dinitrophenol
Concen: 95.285 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

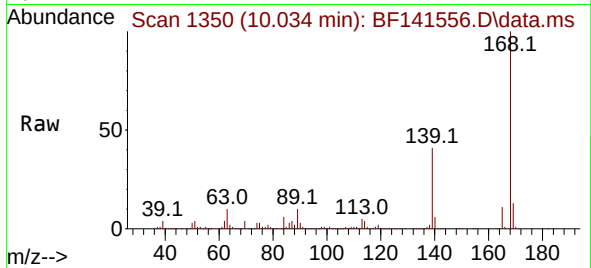
Tgt Ion:184 Resp: 192838
Ion Ratio Lower Upper
184 100
63 72.4 61.0 91.6
154 70.9 59.9 89.9





#55
Dibenzofuran
Concen: 40.586 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

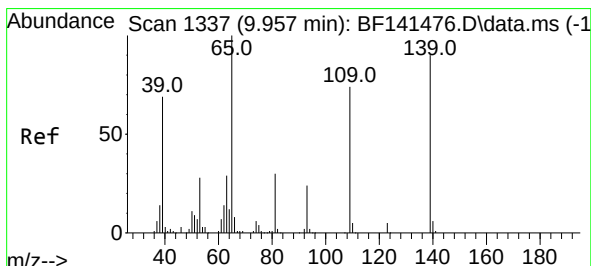
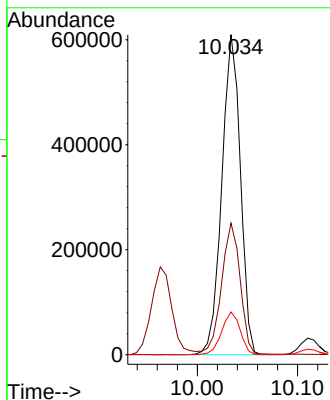
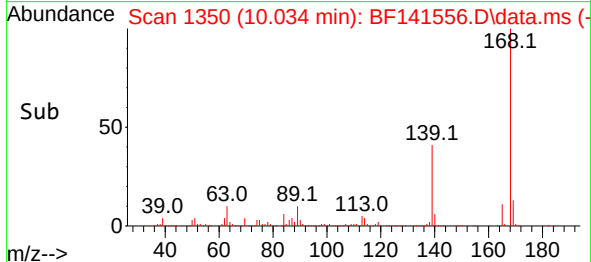
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:168 Resp: 78360
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.4 10.8 16.2

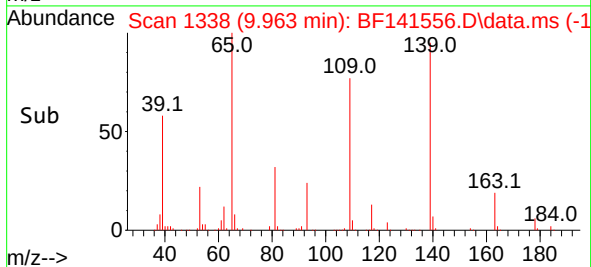
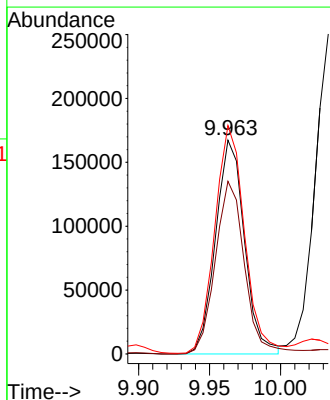
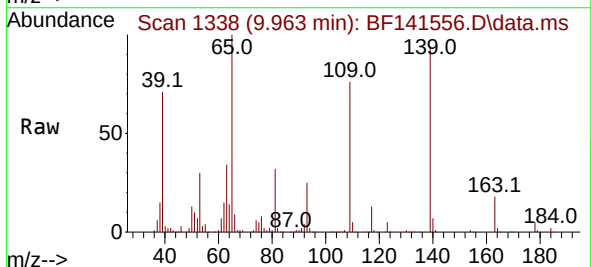
Manual Integrations
APPROVED

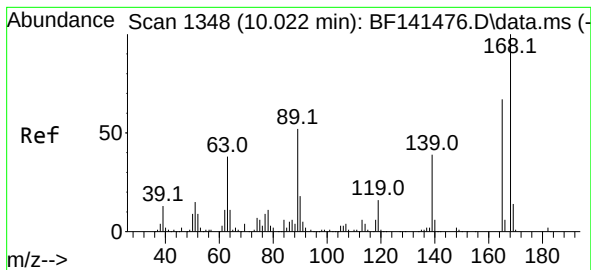
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 87.138 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

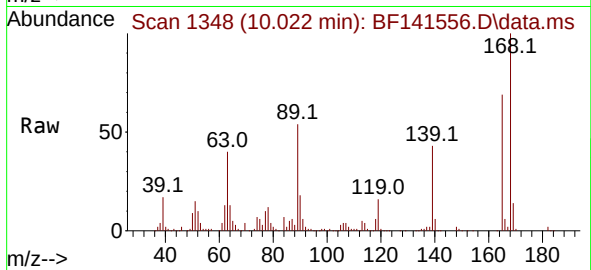
Tgt Ion:139 Resp: 237073
Ion Ratio Lower Upper
139 100
109 80.8 62.0 102.0
65 106.8 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 44.064 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

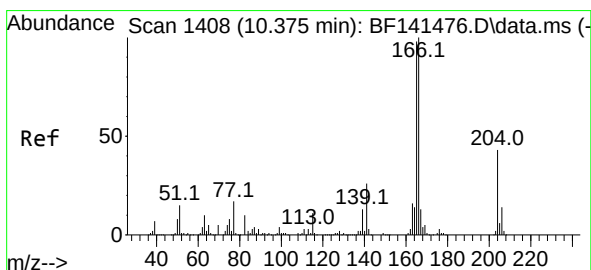
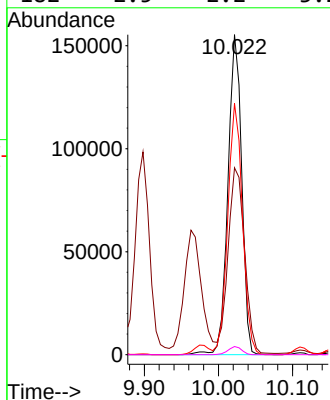
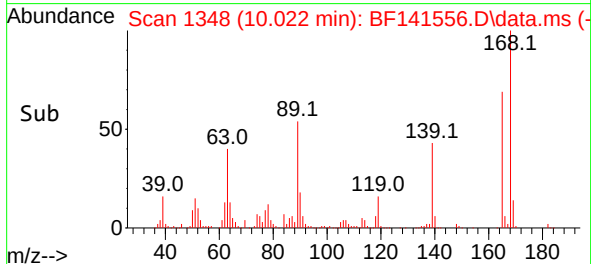
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



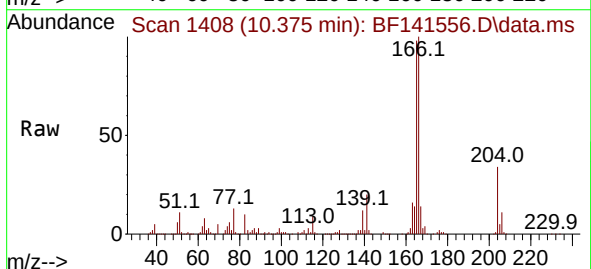
Tgt Ion:165 Resp: 19974
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 78.5 61.8 92.6
182 2.5 2.2 3.2

Manual Integrations
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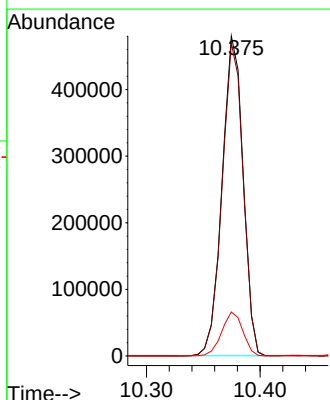
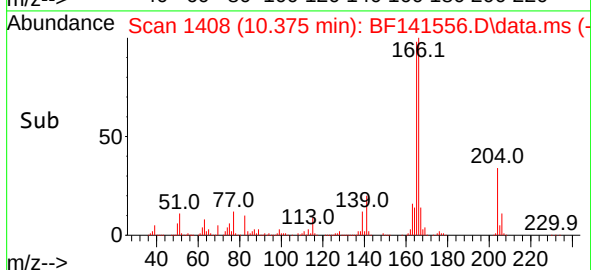
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

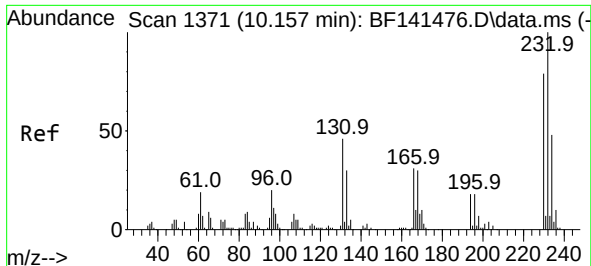


#58
Fluorene
Concen: 41.378 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



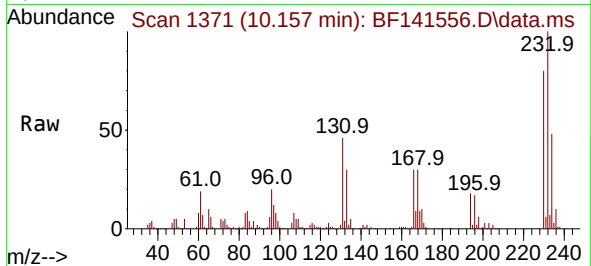
Tgt Ion:166 Resp: 617701
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.155 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

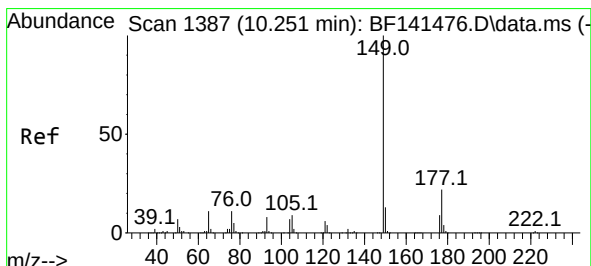
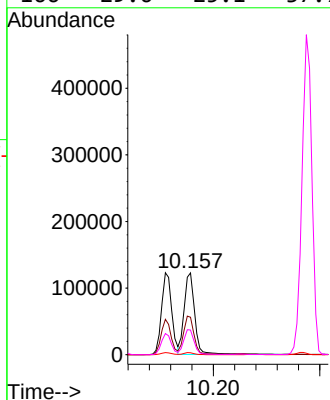
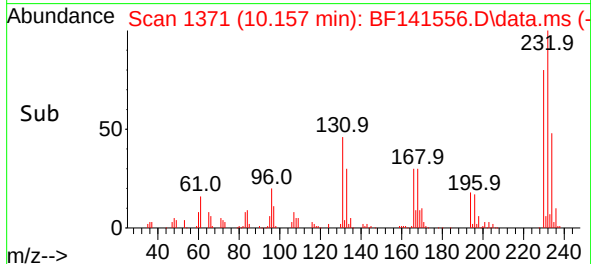
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



Tgt Ion:232 Resp: 168750
Ion Ratio Lower Upper
232 100
131 46.7 39.2 58.8
130 2.5 2.1 3.1
166 29.6 25.1 37.7

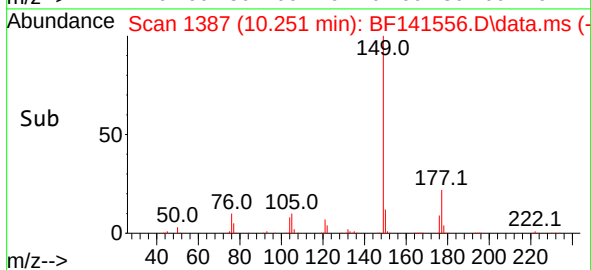
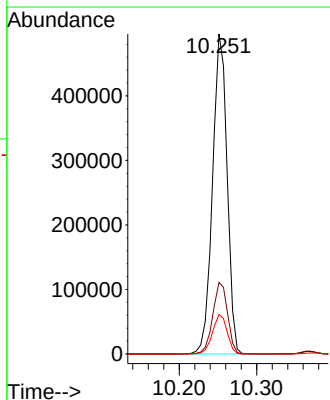
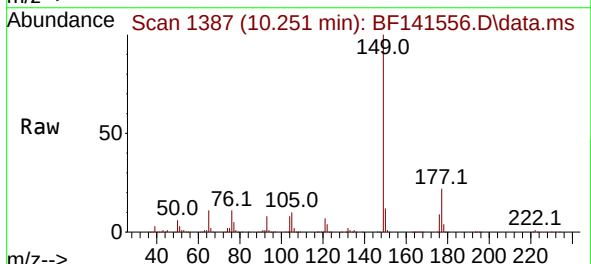
Manual Integrations
APPROVED

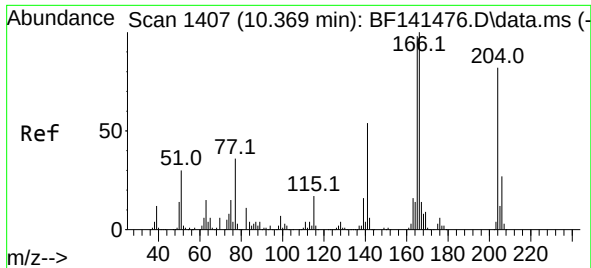
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#60
Diethylphthalate
Concen: 42.227 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

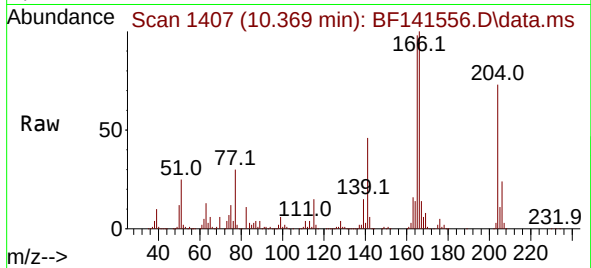
Tgt Ion:149 Resp: 647157
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.318 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

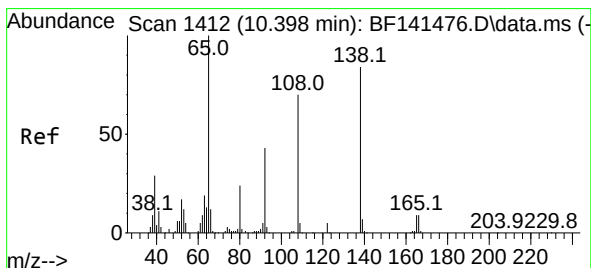
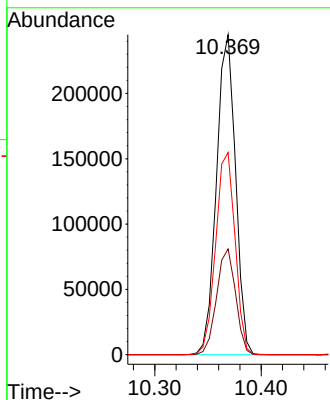
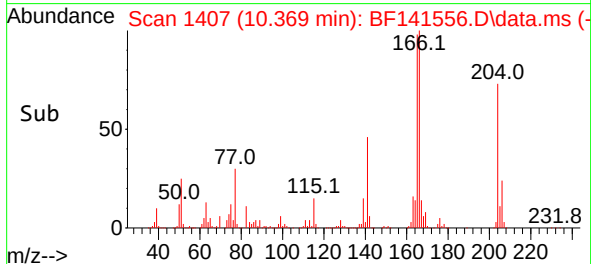
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



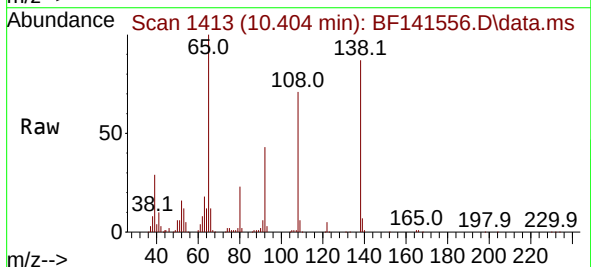
Tgt Ion:204 Resp: 30392
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 63.2 51.9 77.9

Manual Integrations
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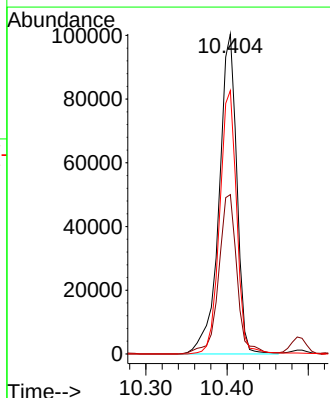
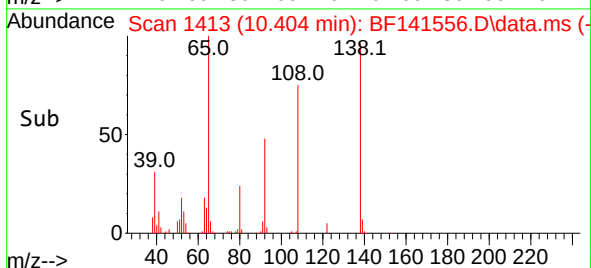
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

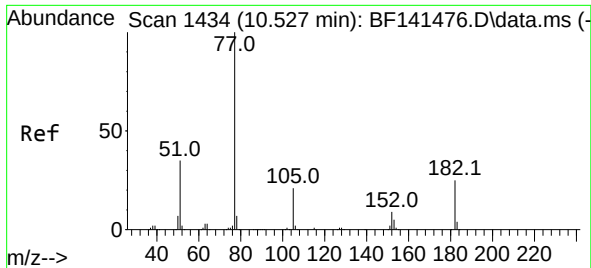


#62
4-Nitroaniline
Concen: 40.975 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



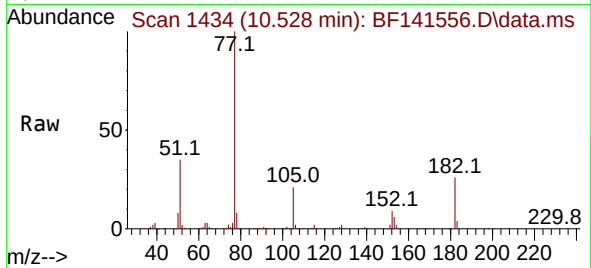
Tgt Ion:138 Resp: 152488
Ion Ratio Lower Upper
138 100
92 49.8 31.3 71.3
108 82.3 63.7 103.7





#63
Azobenzene
Concen: 41.216 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

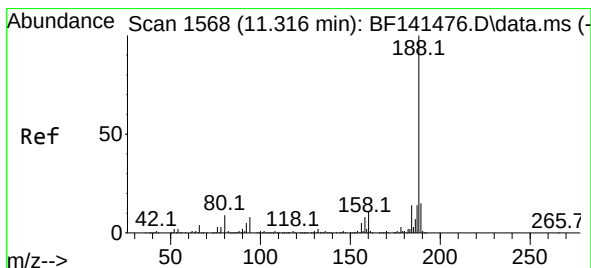
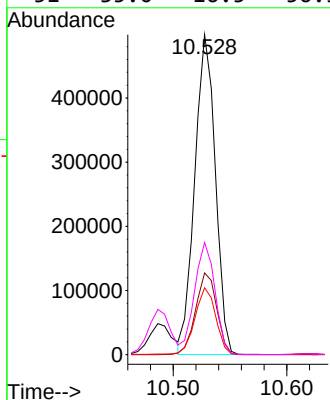
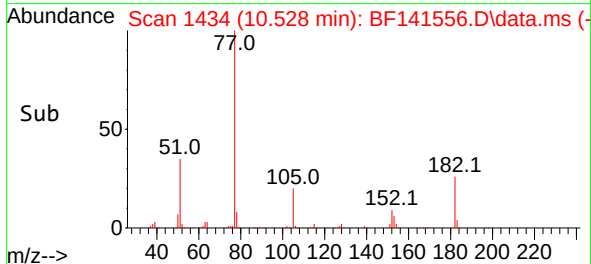
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



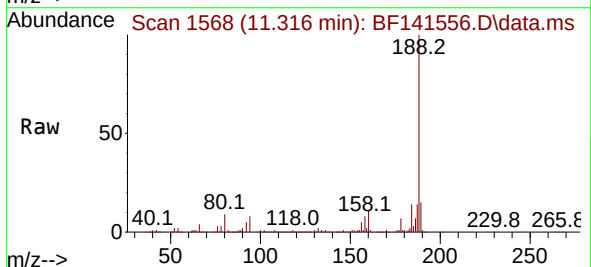
Tgt Ion: 77 Resp: 62796
Ion Ratio Lower Upper
77 100
182 25.6 4.7 44.7
105 20.9 0.4 40.4
51 35.0 16.5 56.5

Manual Integrations
APPROVED

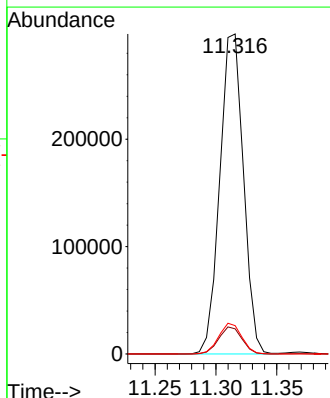
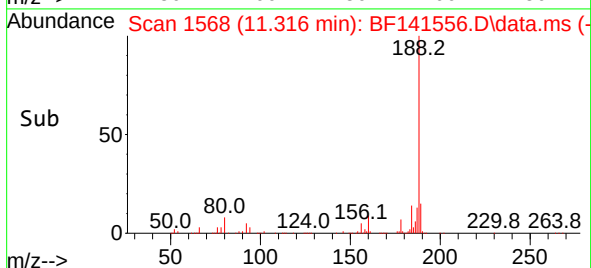
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

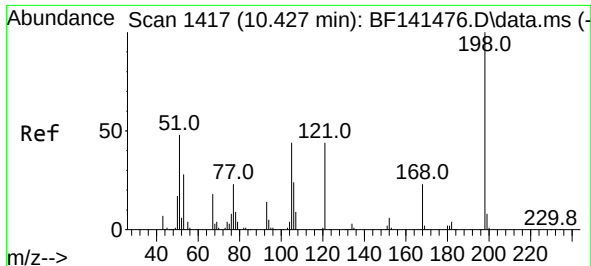


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:188 Resp: 402356
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.8 7.3 10.9





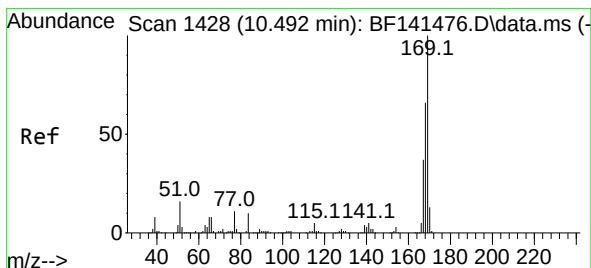
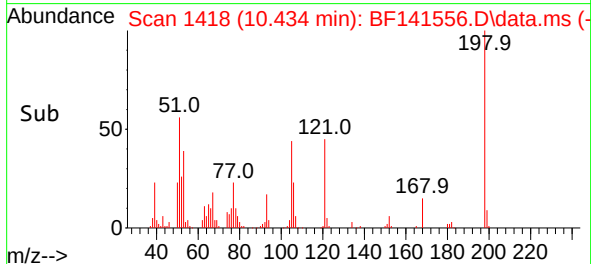
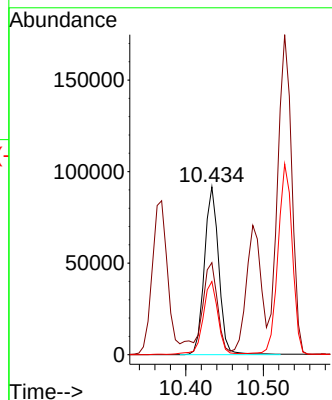
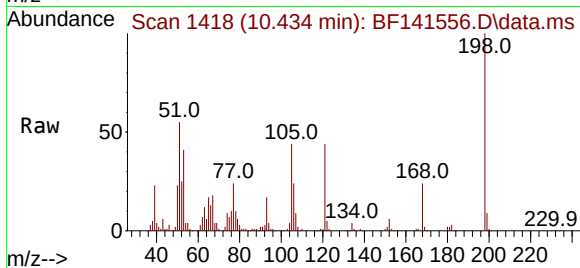
#65
4,6-Dinitro-2-methylphenol
Concen: 42.149 ng
RT: 10.434 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:198 Resp: 117800
Ion Ratio Lower Upper
198 100
51 54.8 37.4 77.4
105 43.6 25.2 65.2

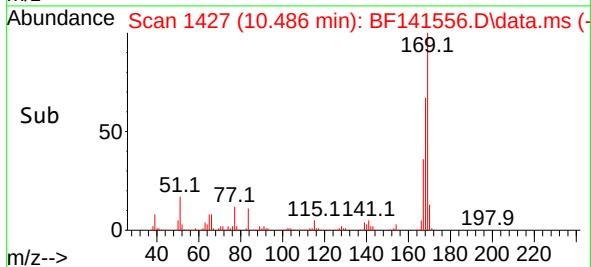
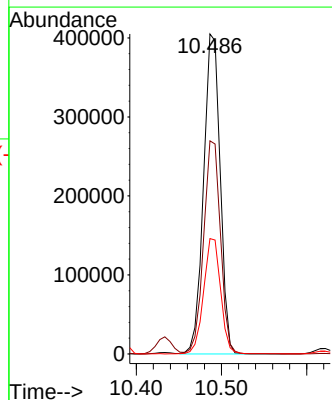
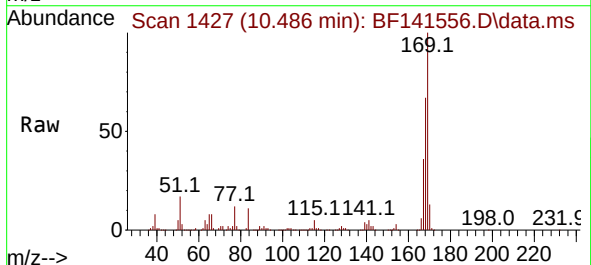
Manual Integrations
APPROVED

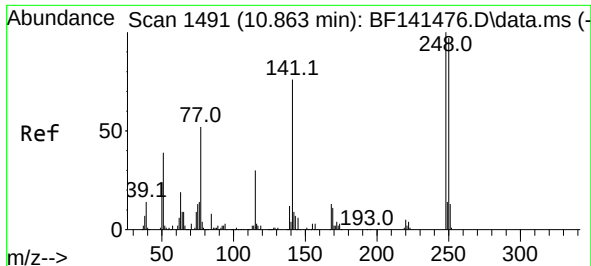
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 42.572 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

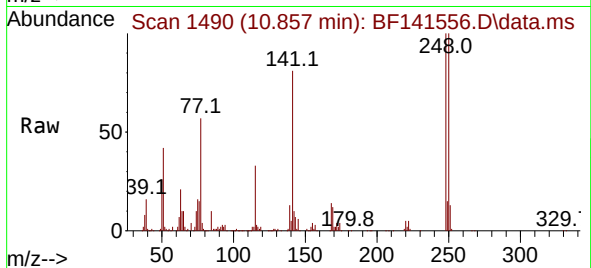
Tgt Ion:169 Resp: 548317
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.983 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

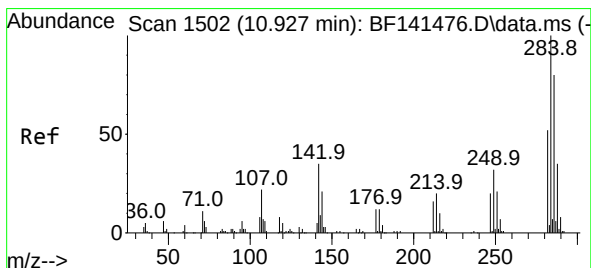
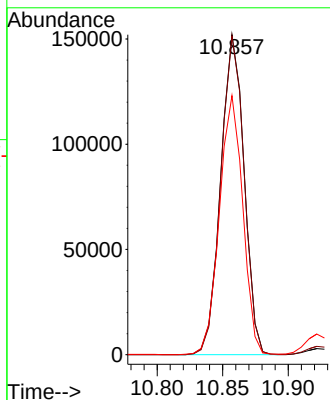
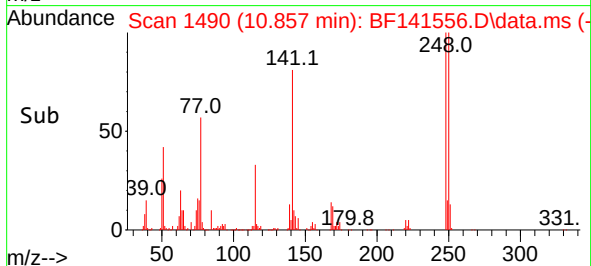
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



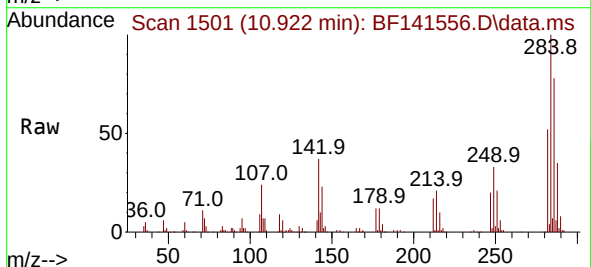
Tgt Ion:248 Resp: 18879
Ion Ratio Lower Upper
248 100
250 99.6 77.8 116.6
141 81.0 60.6 90.8

Manual Integrations
APPROVED

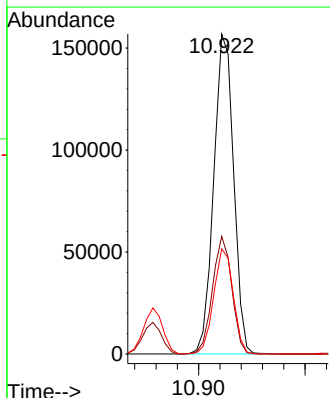
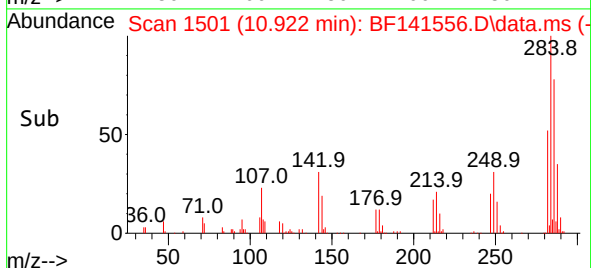
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

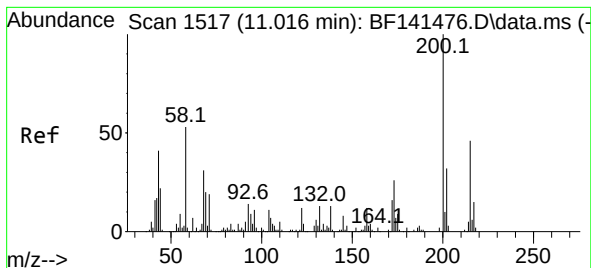


#68
Hexachlorobenzene
Concen: 43.715 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:284 Resp: 202425
Ion Ratio Lower Upper
284 100
142 36.8 28.0 42.0
249 32.9 25.8 38.8





#69

Atrazine

Concen: 55.604 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

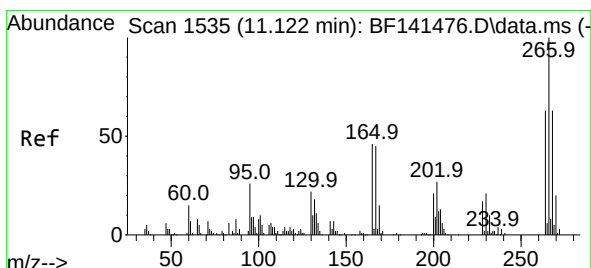
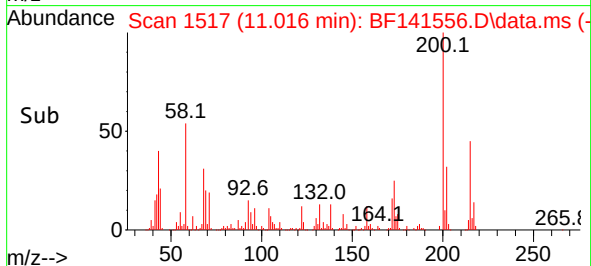
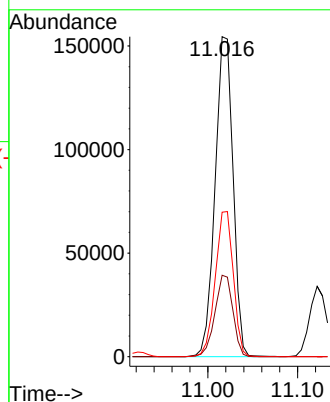
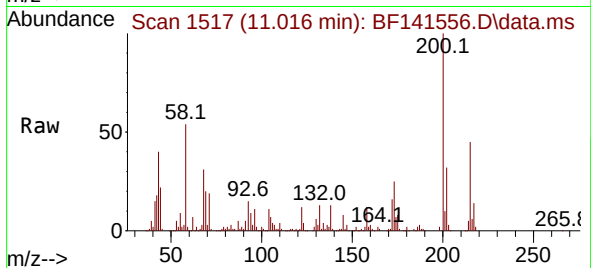
PB166641BSD

Tgt Ion:200 Resp: 214852
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.9 45.9
 215 45.1 25.9 65.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 80.383 ng

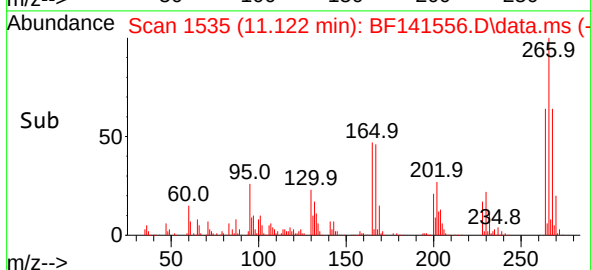
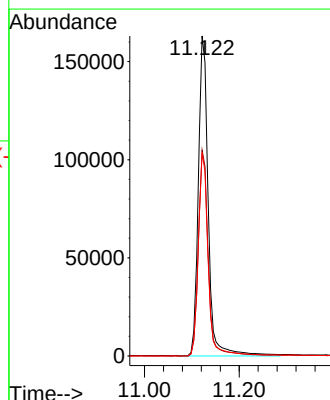
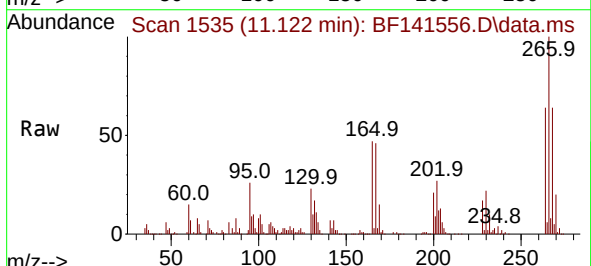
RT: 11.122 min Scan# 1535

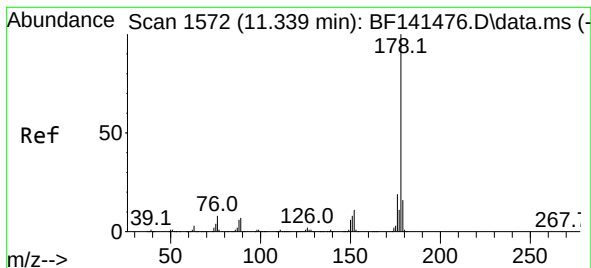
Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

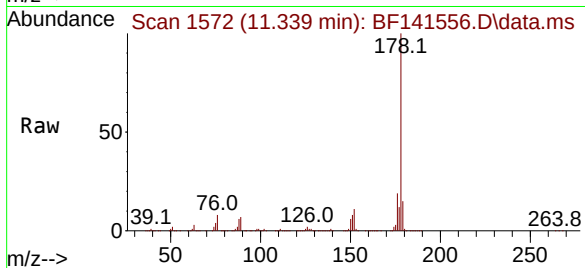
Tgt Ion:266 Resp: 238002
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.1 75.1
 264 63.5 50.1 75.1





#71
Phenanthrene
Concen: 41.876 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

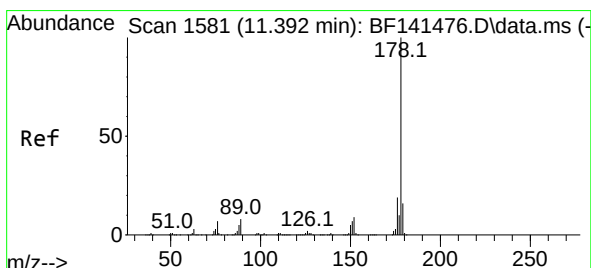
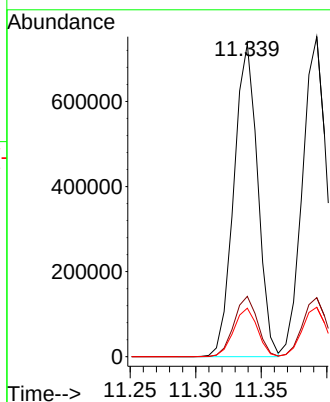
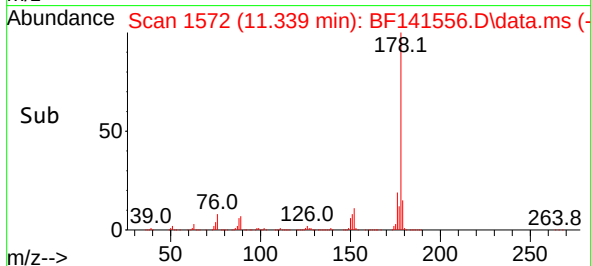
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



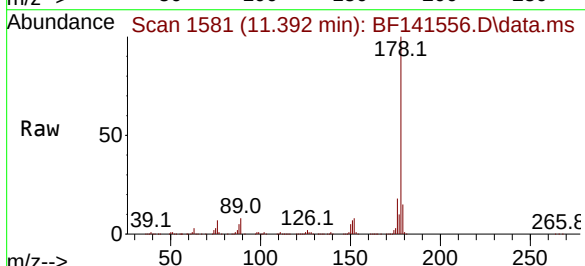
Tgt Ion:178 Resp: 92746
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6

Manual Integrations
APPROVED

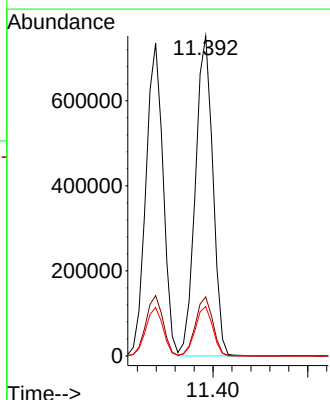
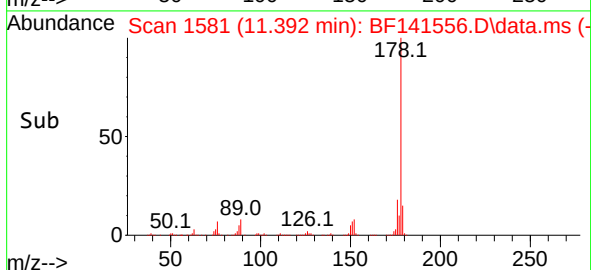
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

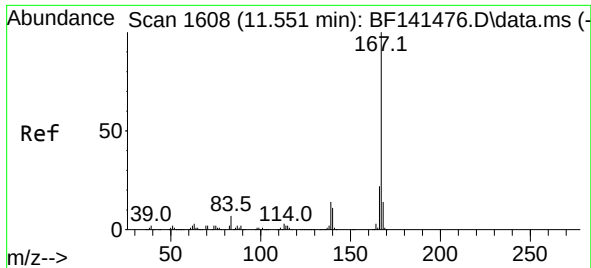


#72
Anthracene
Concen: 43.030 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:178 Resp: 958029
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.4 18.6





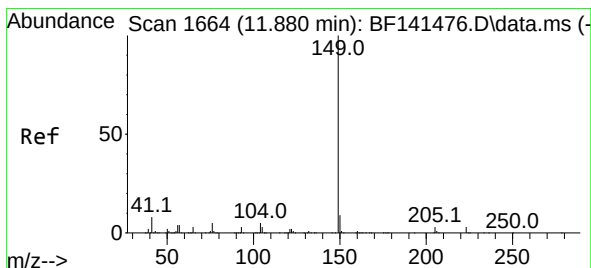
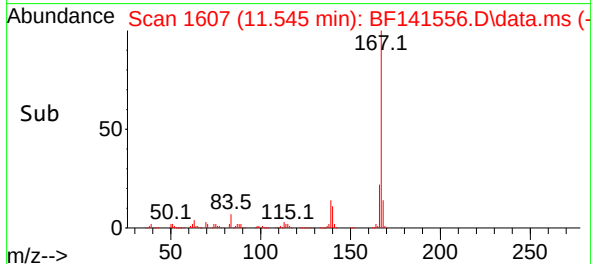
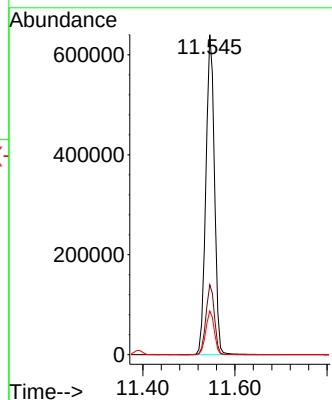
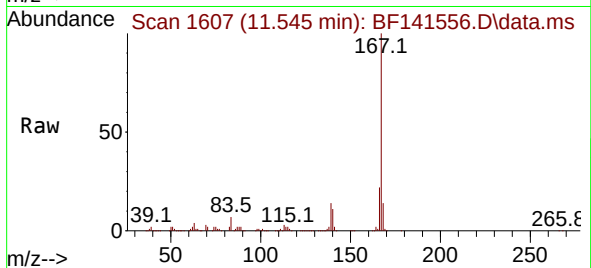
#73
Carbazole
Concen: 41.817 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:167 Resp: 837723
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.6 10.9 16.3

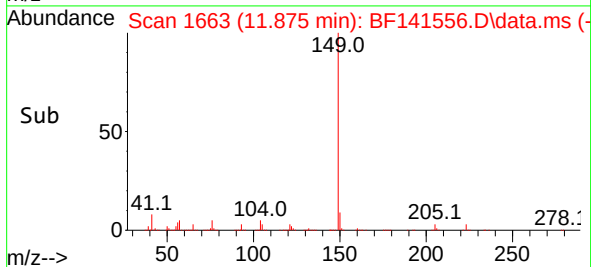
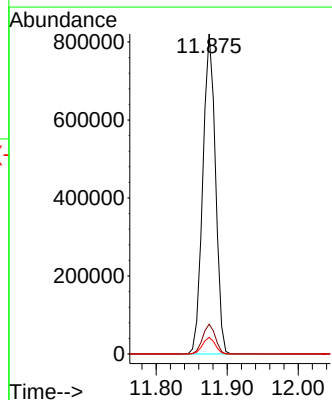
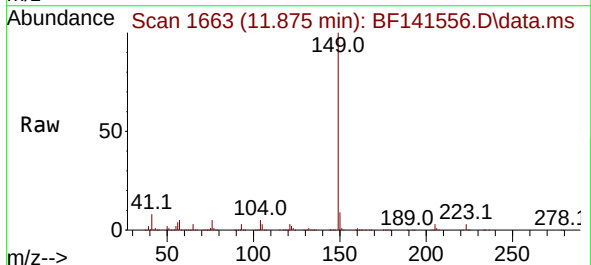
Manual Integrations
APPROVED

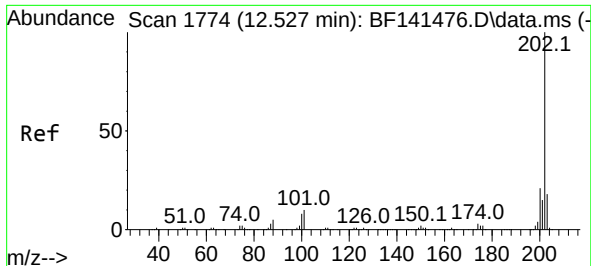
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#74
Di-n-butylphthalate
Concen: 44.046 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

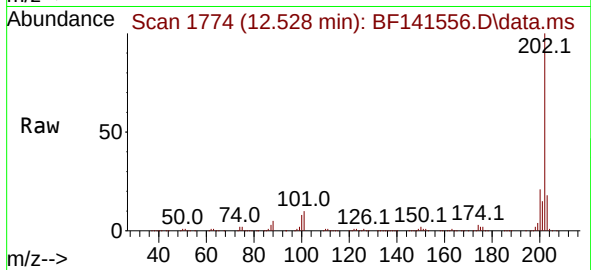
Tgt Ion:149 Resp: 1018839
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 41.764 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

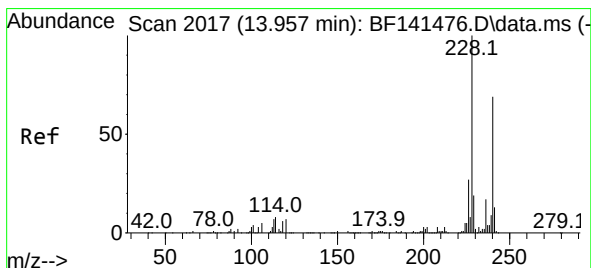
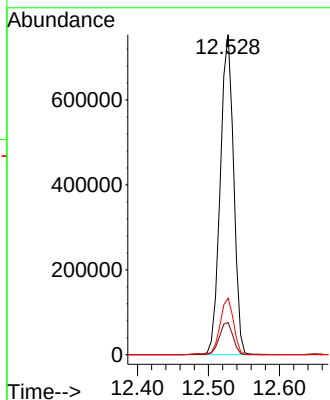
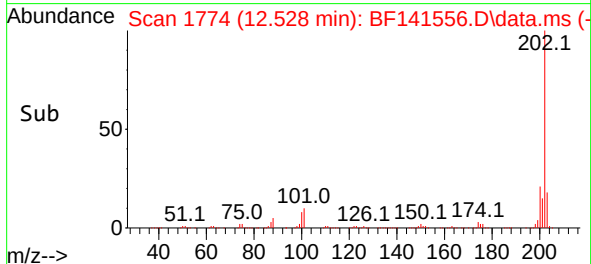
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



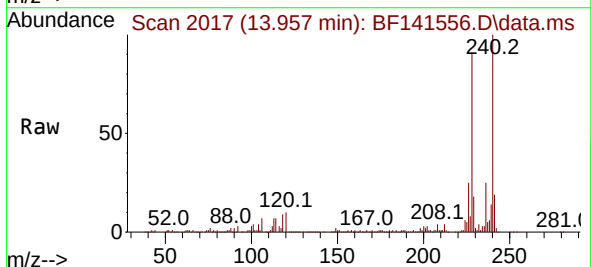
Tgt Ion:202 Resp: 980670
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.7 0.0 37.6

Manual Integrations
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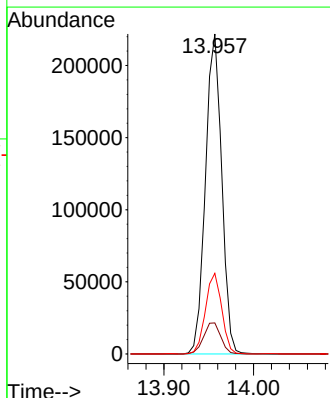
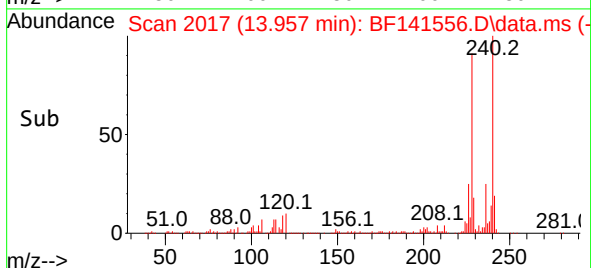
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

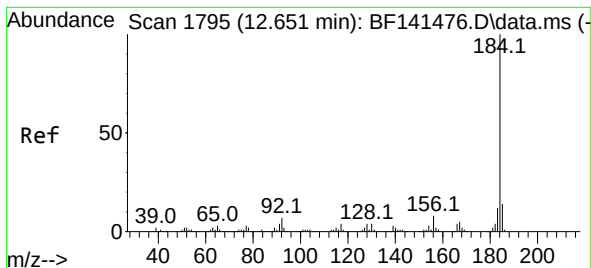


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:240 Resp: 278936
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.2 19.8 29.8





#77

Benzidine

Concen: 64.301 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

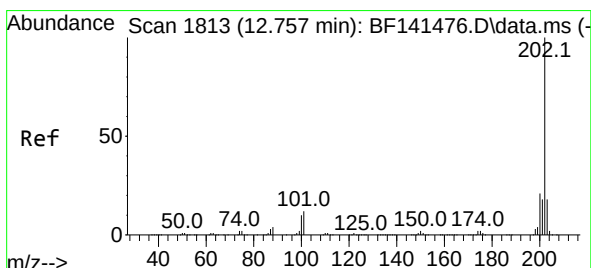
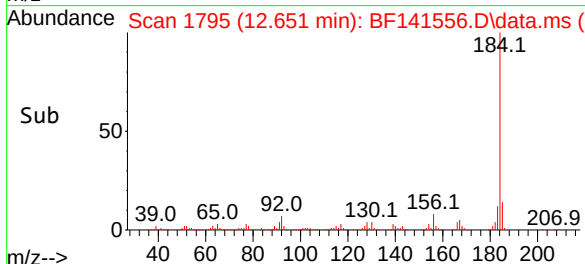
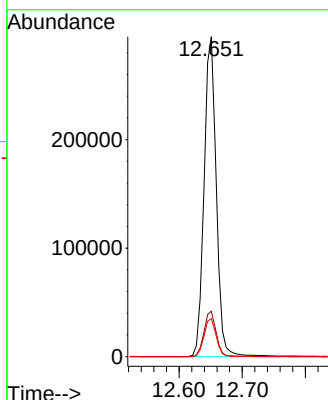
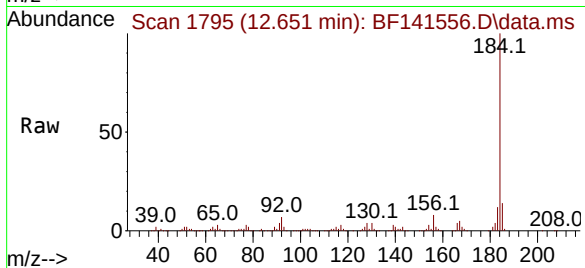
Tgt Ion:184 Resp: 39556

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 42.112 ng

RT: 12.757 min Scan# 1813

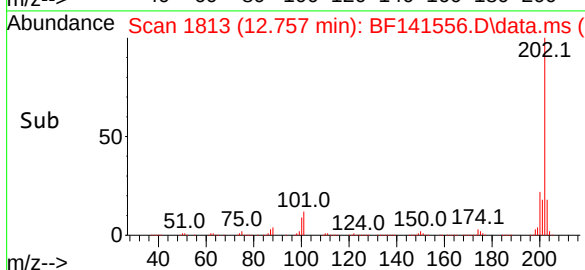
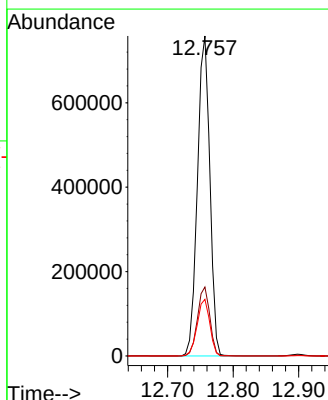
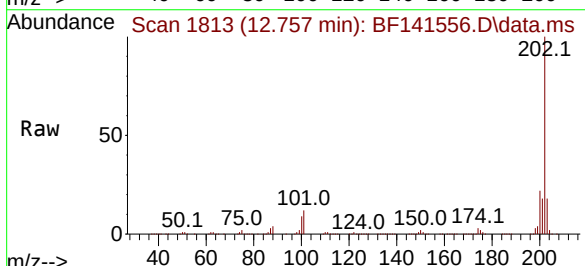
Delta R.T. -0.006 min

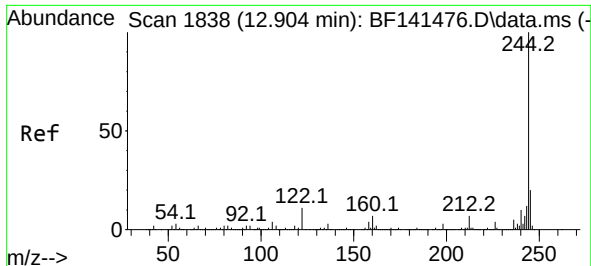
Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion:202 Resp: 999960

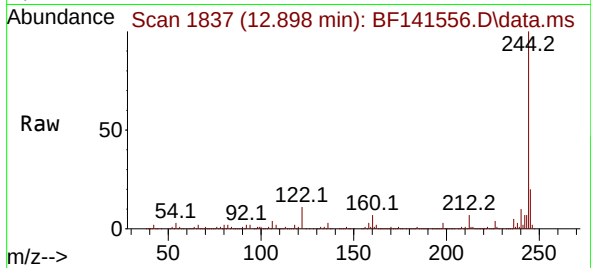
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.7	14.3	21.5





#79
Terphenyl-d14
Concen: 93.212 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

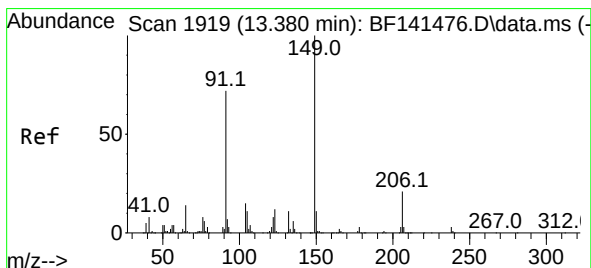
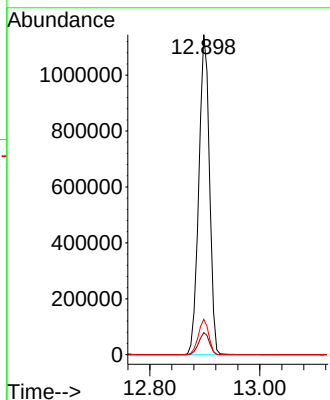
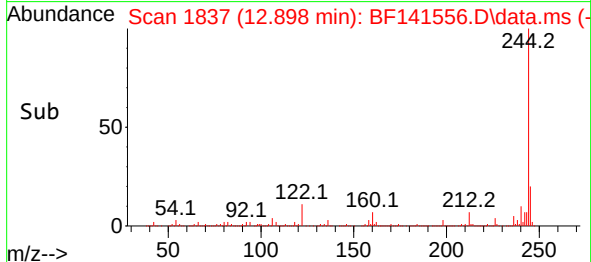
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



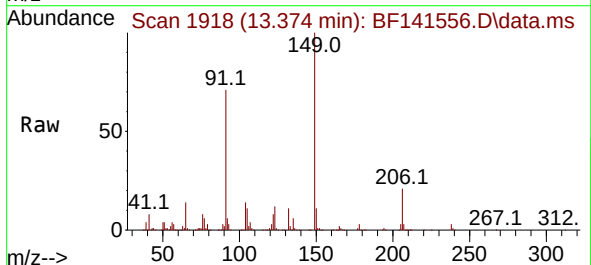
Tgt Ion:244 Resp: 154013
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.0 8.4 12.6

Manual Integrations
APPROVED

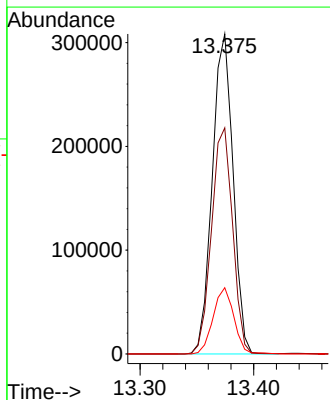
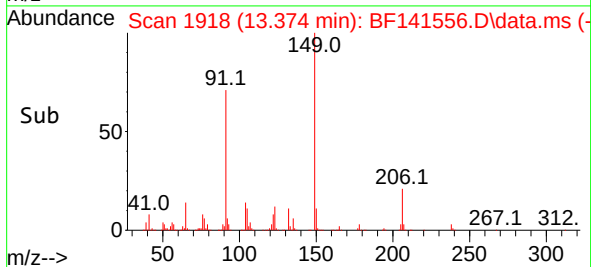
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

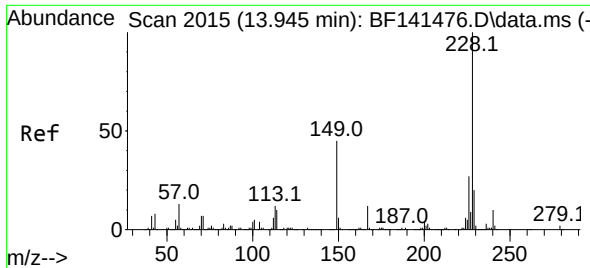


#80
Butylbenzylphthalate
Concen: 47.620 ng
RT: 13.374 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



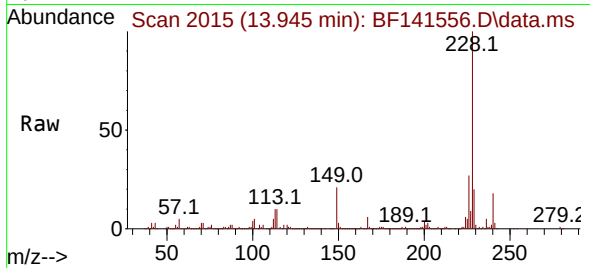
Tgt Ion:149 Resp: 391651
Ion Ratio Lower Upper
149 100
91 70.7 57.8 86.8
206 20.7 16.7 25.1





#81
Benzo(a)anthracene
Concen: 42.298 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

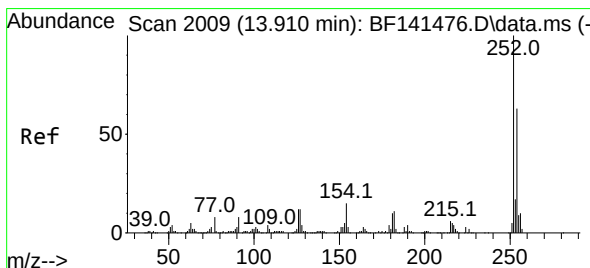
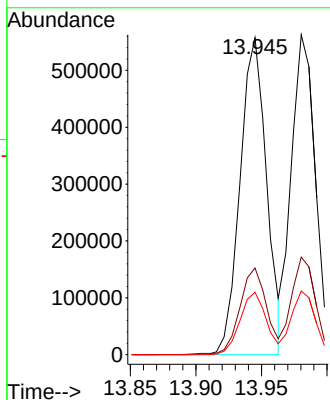
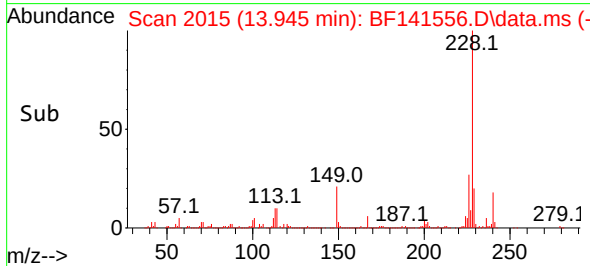
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



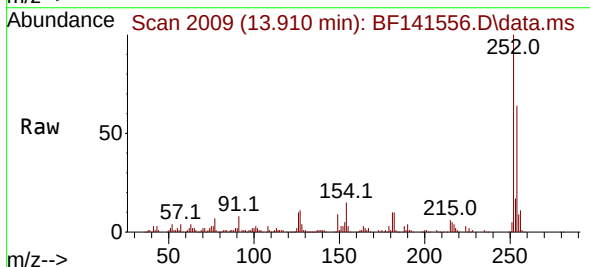
Tgt Ion:228 Resp: 784289
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
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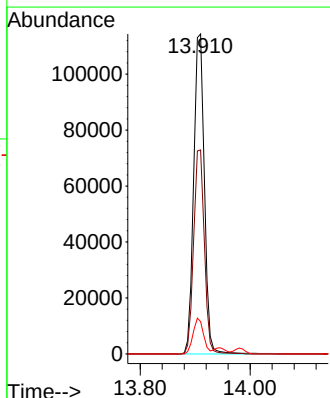
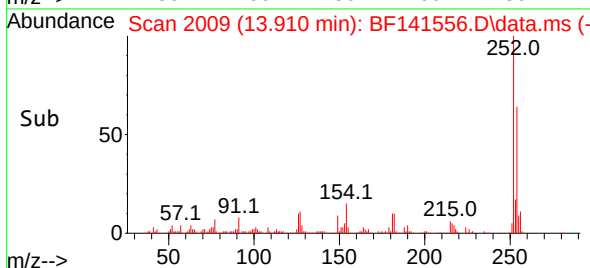
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

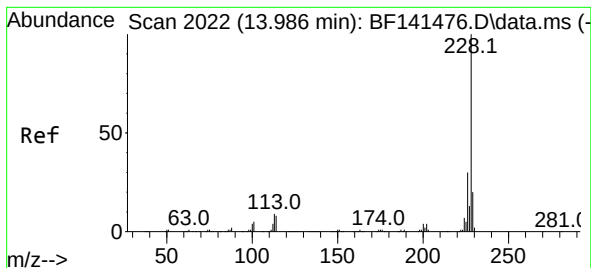


#82
3,3'-Dichlorobenzidine
Concen: 29.108 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:252 Resp: 154605
Ion Ratio Lower Upper
252 100
254 63.8 50.6 76.0
126 10.1 9.3 13.9





#83

Chrysene

Concen: 41.831 ng

RT: 13.980 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB166641BSD

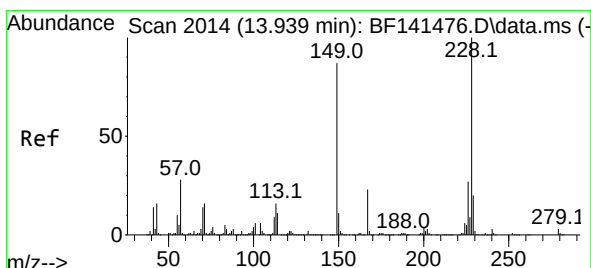
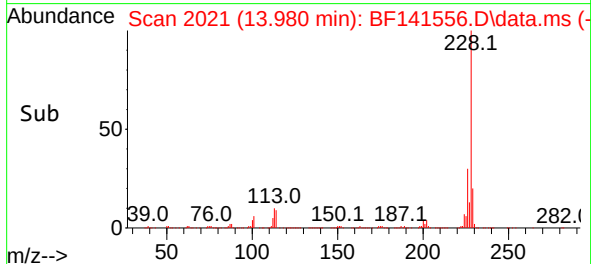
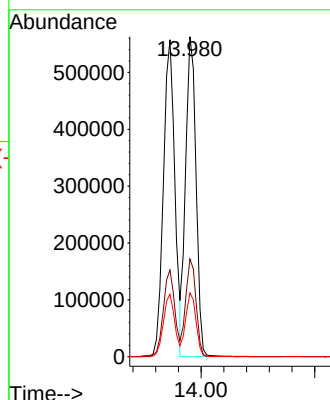
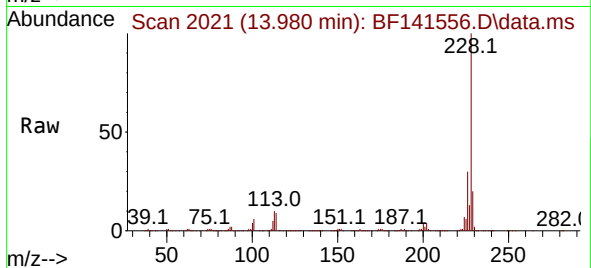
Tgt Ion:228 Resp: 71616

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.047 ng

RT: 13.933 min Scan# 2013

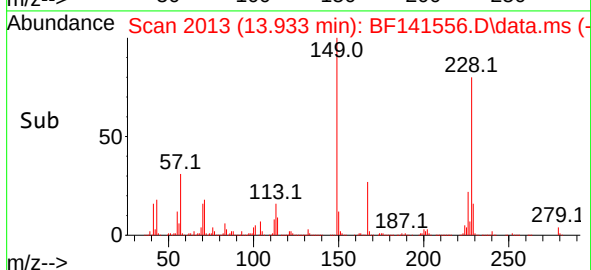
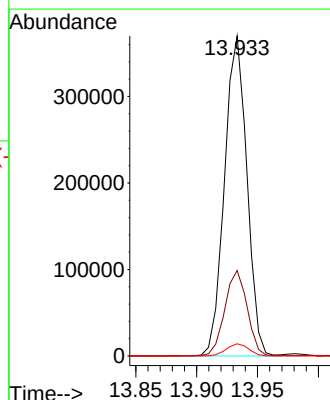
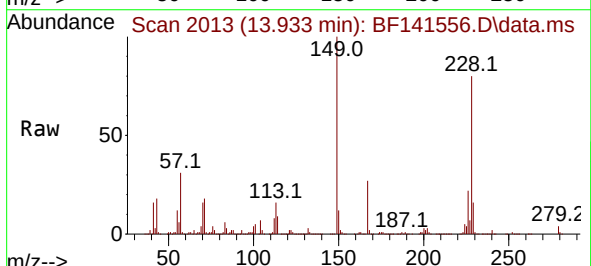
Delta R.T. -0.006 min

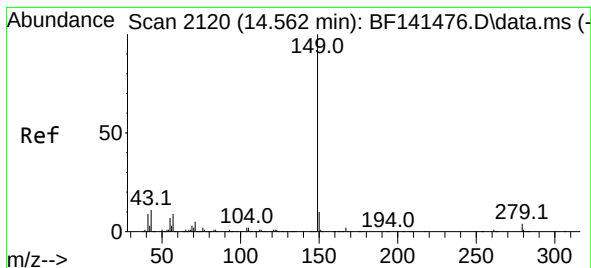
Lab File: BF141556.D

Acq: 11 Feb 2025 12:39

Tgt Ion:149 Resp: 473513

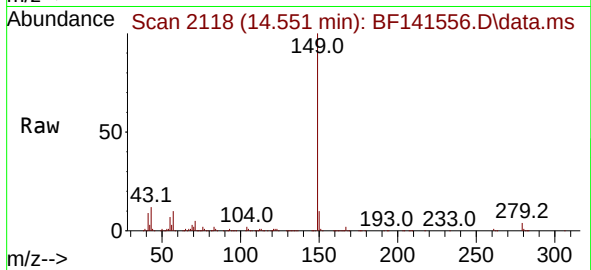
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	3.8	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 48.167 ng
RT: 14.551 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

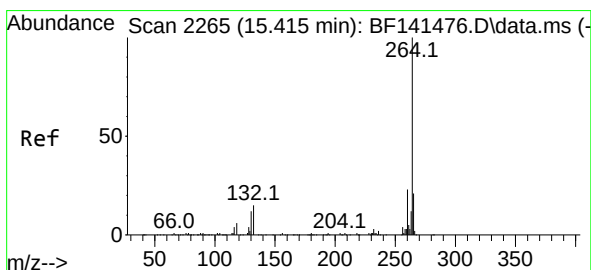
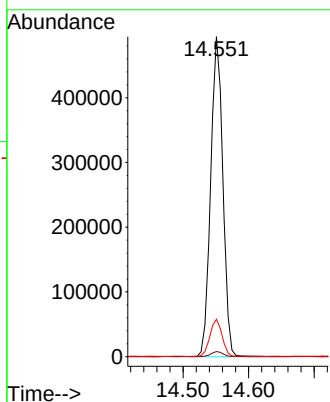
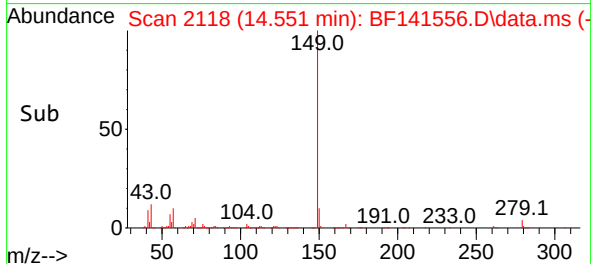
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



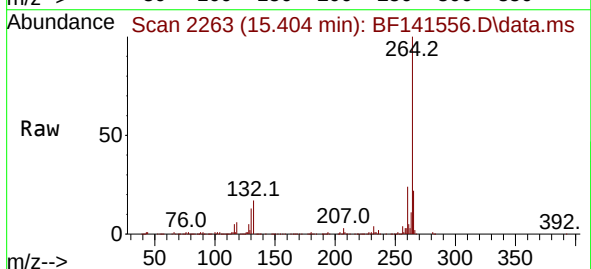
Tgt Ion:149 Resp: 637398
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.5 14.3

Manual Integrations
APPROVED

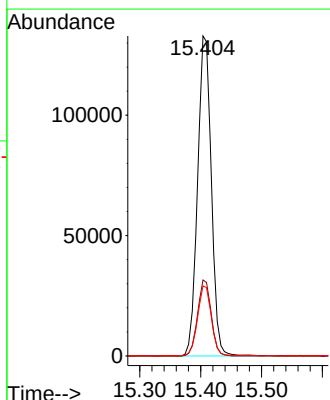
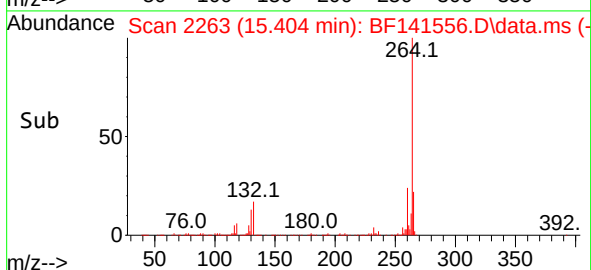
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

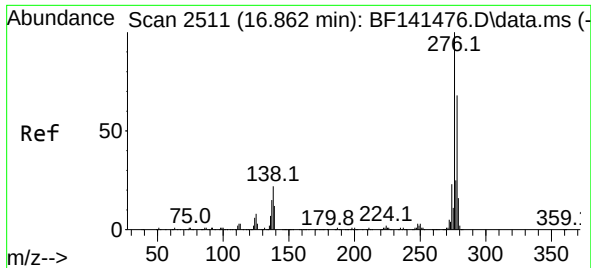


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:264 Resp: 208701
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.0 25.4





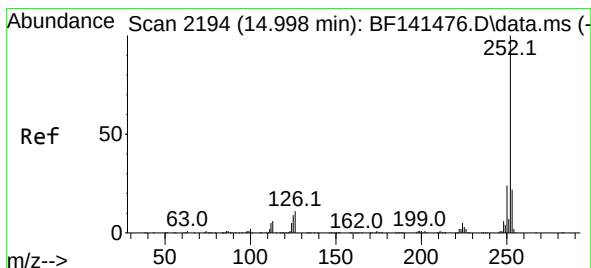
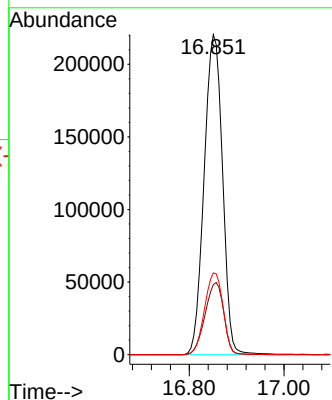
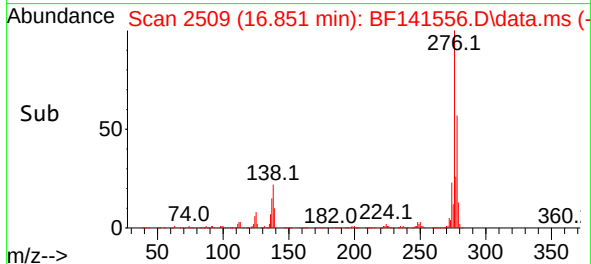
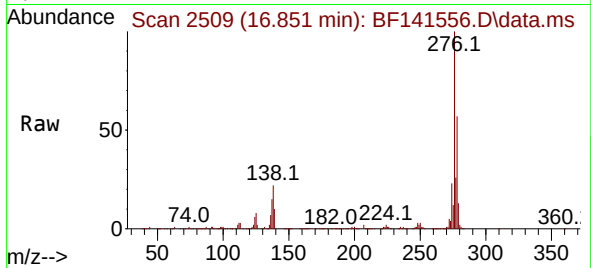
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.142 ng
RT: 16.851 min Scan# 211
Delta R.T. -0.023 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Tgt Ion:276 Resp: 59502
Ion Ratio Lower Upper
276 100
138 22.8 18.0 27.0
277 25.8 20.4 30.6

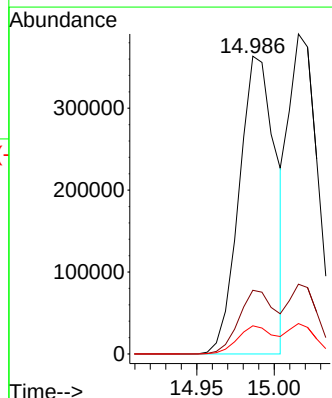
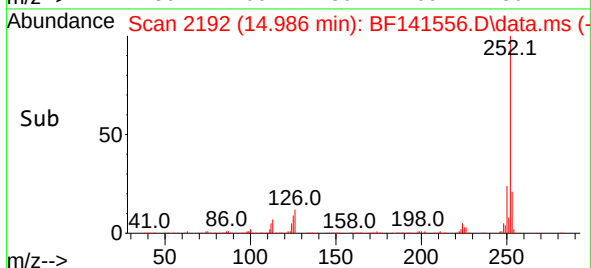
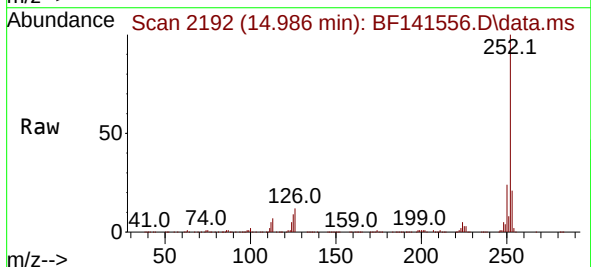
Manual Integrations
APPROVED

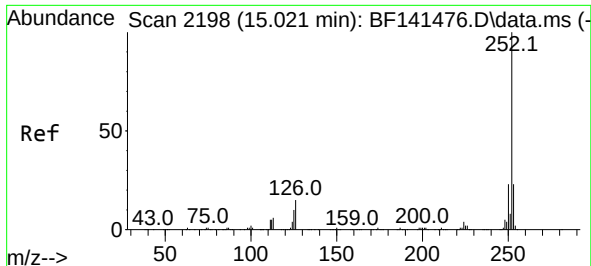
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#88
Benzo(b)fluoranthene
Concen: 42.473 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

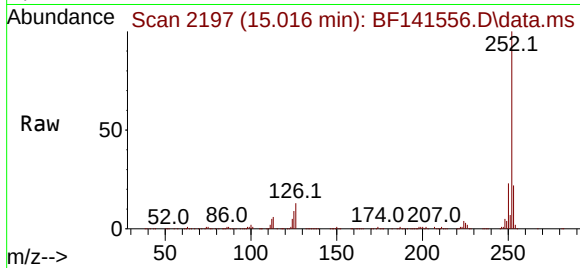
Tgt Ion:252 Resp: 595185
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 42.428 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

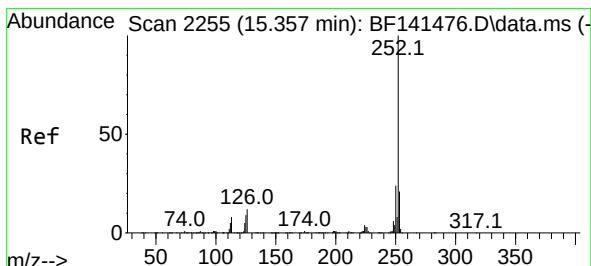
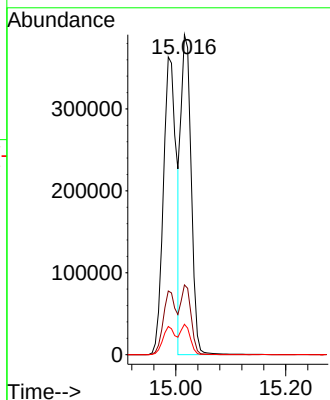
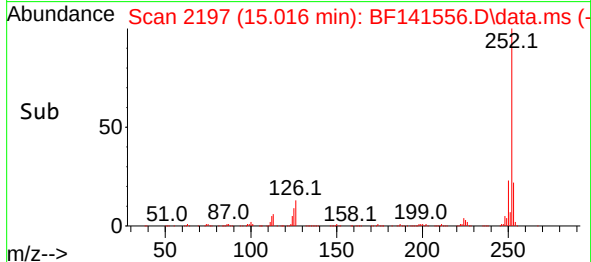
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



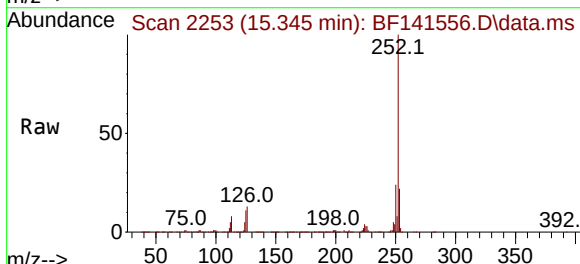
Tgt Ion:252 Resp: 50769
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.5 7.4 11.0

Manual Integrations
APPROVED

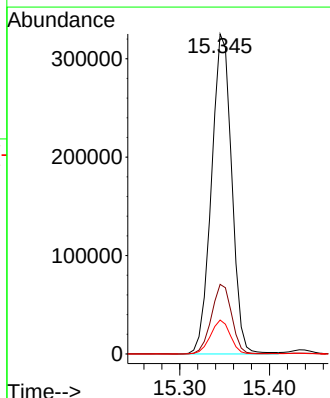
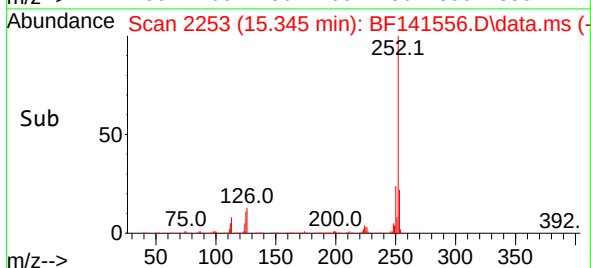
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

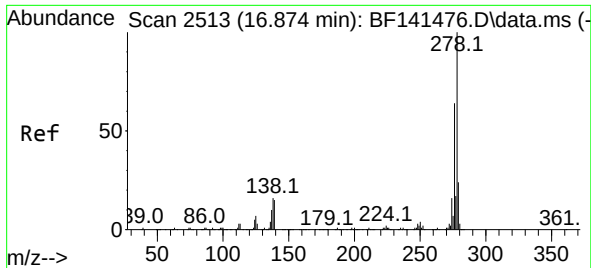


#90
Benzo(a)pyrene
Concen: 44.949 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.017 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



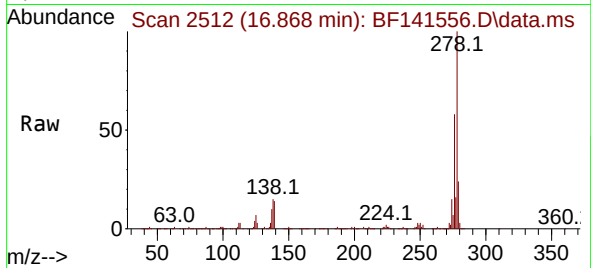
Tgt Ion:252 Resp: 509675
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.6 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 46.127 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39

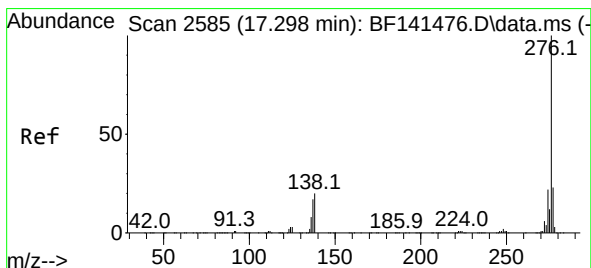
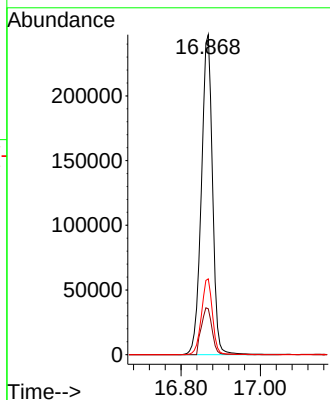
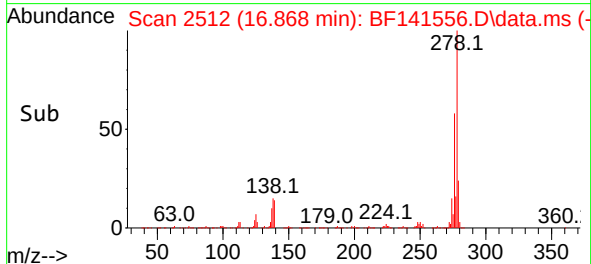
Instrument :
BNA_F
ClientSampleId :
PB166641BSD



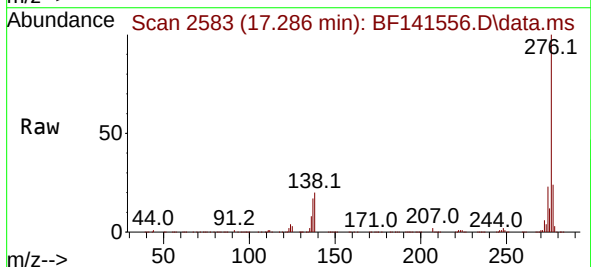
Tgt Ion:278 Resp: 48198
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 42.393 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141556.D
Acq: 11 Feb 2025 12:39



Tgt Ion:276 Resp: 463543
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 19.8 15.9 23.9

