

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090825\
 Data File : BF143661.D
 Acq On : 08 Sep 2025 10:19
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 08 10:50:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	60476	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	230531	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	133744	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	227435	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146015	20.000	ng	0.00
86) Perylene-d12	15.516	264	134141	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	386605	113.251	ng	0.00
7) Phenol-d6	6.510	99	475573	112.245	ng	0.00
23) Nitrobenzene-d5	7.446	82	290658	88.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	147165	131.585	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	662318	79.118	ng	0.00
79) Terphenyl-d14	12.992	244	726482	82.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	6437	3.997	ng	98
3) Pyridine	3.481	79	14461	3.389	ng	88
6) Aniline	6.551	93	25089	4.254	ng	99
8) 2-Chlorophenol	6.675	128	15991	4.523	ng	96
10) Phenol	6.522	94	19139	4.120	ng	# 78
11) bis(2-Chloroethyl)ether	6.622	93	15209	4.181	ng	95
12) 1,3-Dichlorobenzene	6.828	146	17888	4.100	ng	95
13) 1,4-Dichlorobenzene	6.904	146	19243	4.397	ng	98
14) 1,2-Dichlorobenzene	7.057	146	18296	4.418	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	20495	3.579	ng	97
17) 2-Methylphenol	7.122	107	12178	3.940	ng	97
18) Hexachloroethane	7.404	117	5655	4.142	ng	93
22) Acetophenone	7.293	105	22538	4.323	ng	# 91
24) Nitrobenzene	7.463	77	16433	4.686	ng	99
25) Isophorone	7.698	82	29265	3.959	ng	99
26) 2-Nitrophenol	7.781	139	5601	7.323	ng	98
27) 2,4-Dimethylphenol	7.810	122	15263m	4.743	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	18232	4.035	ng	99
29) 2,4-Dichlorophenol	8.016	162	13004	4.118	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	15347	4.460	ng	99
31) Naphthalene	8.193	128	48242	4.278	ng	98
33) 4-Chloroaniline	8.234	127	17315	4.435	ng	98
34) Hexachlorobutadiene	8.310	225	9696	4.331	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	13134	3.972	ng	99
37) 2-Methylnaphthalene	8.881	142	28485	3.735	ng	99
38) 1-Methylnaphthalene	8.981	142	31019	4.254	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	16119	4.361	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	9252	4.063	ng	95
44) 2,4,5-Trichlorophenol	9.187	196	9457	4.022	ng	96
46) 1,1'-Biphenyl	9.345	154	42339	4.451	ng	98
47) 2-Chloronaphthalene	9.369	162	31463	4.227	ng	98
48) 2-Nitroaniline	9.457	65	6765	6.304	ng	99
49) Acenaphthylene	9.781	152	49688	4.632	ng	99
50) Dimethylphthalate	9.634	163	36283	4.284	ng	99
51) 2,6-Dinitrotoluene	9.698	165	5677	7.185	ng	92
52) Acenaphthene	9.957	154	29860	4.161	ng	99

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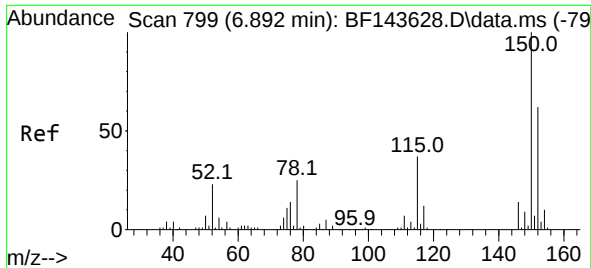
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	9.863	138	6650	6.670	ng	93
55) Dibenzofuran	10.128	168	45815	4.394	ng	98
57) 2,4-Dinitrotoluene	10.098	165	7085	6.992	ng #	95
58) Fluorene	10.469	166	36886	4.574	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	7855	4.399	ng #	97
60) Diethylphthalate	10.339	149	34430	4.282	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	17623	4.380	ng	97
62) 4-Nitroaniline	10.469	138	6042	6.228	ng	98
63) Azobenzene	10.622	77	31679	4.180	ng	98
66) n-Nitrosodiphenylamine	10.575	169	30654	4.176	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	10843	4.111	ng	98
68) Hexachlorobenzene	11.016	284	10994	3.968	ng	99
69) Atrazine	11.098	200	8496	3.871	ng	93
71) Phenanthrene	11.434	178	51133	4.158	ng	99
72) Anthracene	11.481	178	53719	4.355	ng	99
73) Carbazole	11.633	167	44179	4.249	ng	99
74) Di-n-butylphthalate	11.969	149	46476	3.981	ng	100
75) Fluoranthene	12.616	202	47961	4.246	ng	99
78) Pyrene	12.845	202	47982	3.982	ng	99
80) Butylbenzylphthalate	13.469	149	11113	5.995	ng	98
81) Benzo(a)anthracene	14.033	228	39734	4.201	ng	100
83) Chrysene	14.069	228	33695	3.963	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	15365	5.577	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	37568	4.017	ng	98
88) Benzo(b)fluoranthene	15.080	252	28355	3.508	ng	98
89) Benzo(k)fluoranthene	15.110	252	32690	4.677	ng	98
90) Benzo(a)pyrene	15.451	252	28892	4.159	ng	97
91) Dibenzo(a,h)anthracene	17.015	278	30718	3.994	ng	98
92) Benzo(g,h,i)perylene	17.439	276	29649	4.002	ng	99

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

Manual Integrations APPROVED

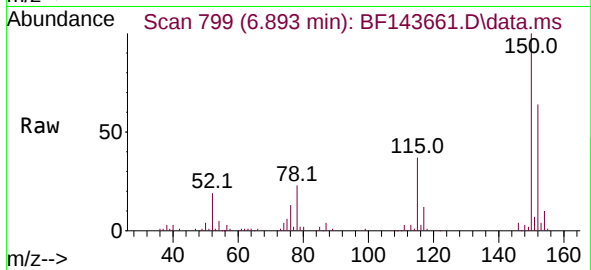
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

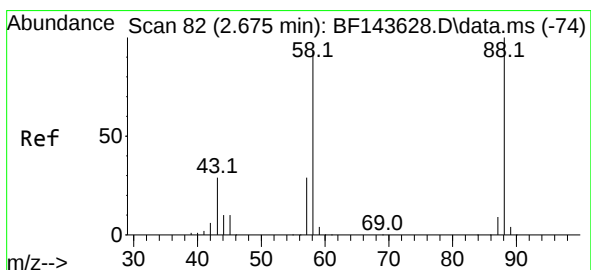
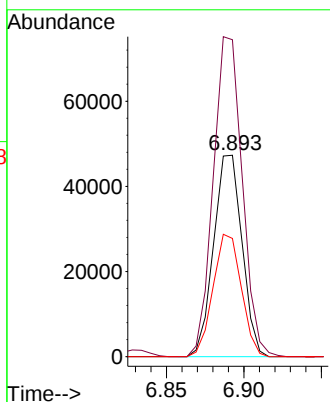
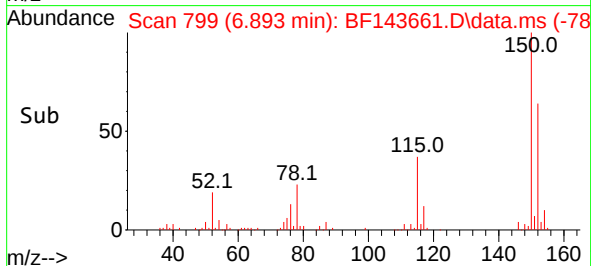
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:152 Resp: 60476
Ion Ratio Lower Upper
152 100
150 157.4 128.4 192.6
115 58.7 47.9 71.9

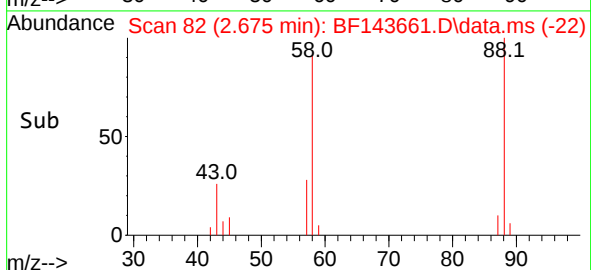
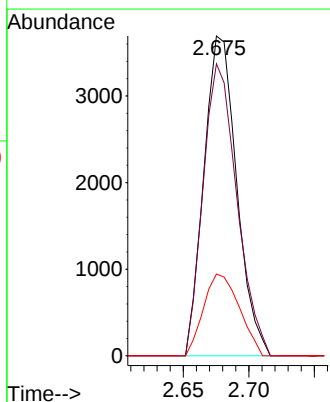
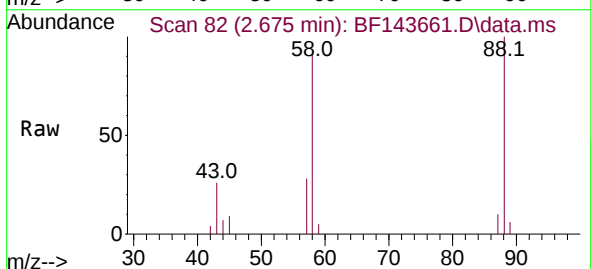
Manual Integrations
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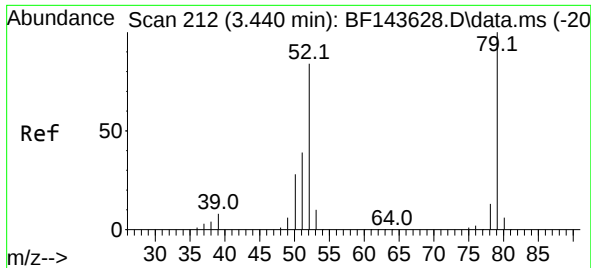
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 3.997 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion: 88 Resp: 6437
Ion Ratio Lower Upper
88 100
58 93.7 73.9 110.9
43 27.8 23.4 35.2





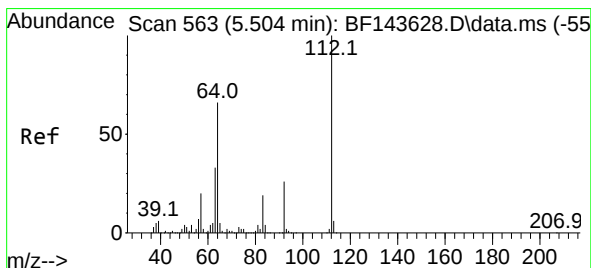
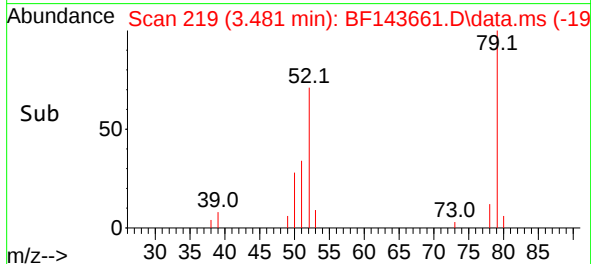
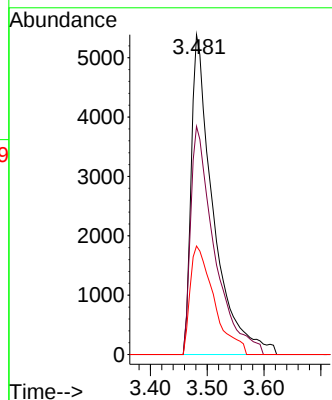
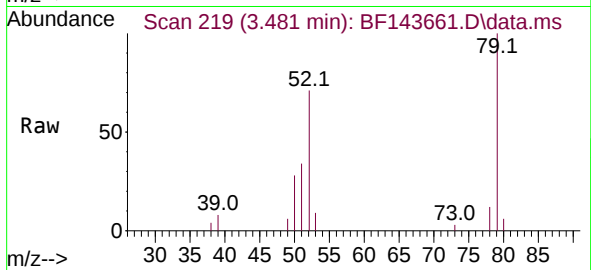
#3
Pyridine
Concen: 3.389 ng
RT: 3.481 min Scan# 212
Delta R.T. 0.041 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 79 Resp: 1446
Ion Ratio Lower Upper
79 100
52 71.3 67.4 101.2
51 33.9 31.0 46.6

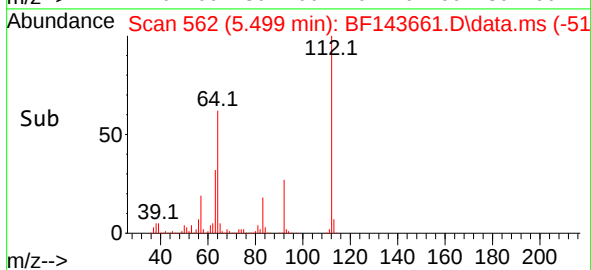
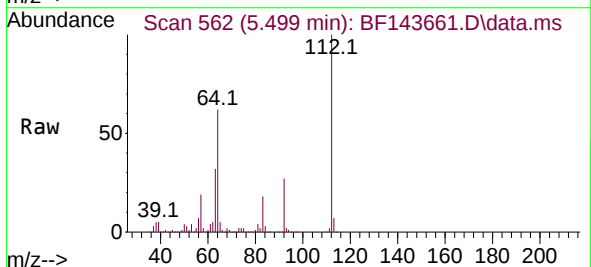
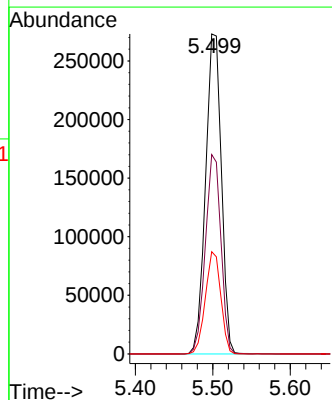
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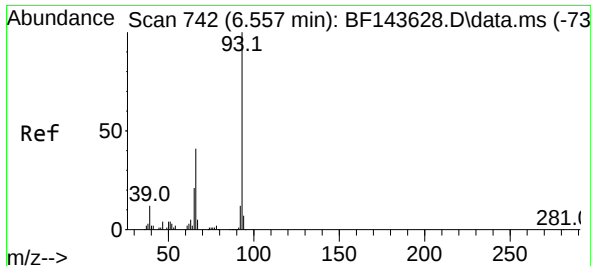
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Supervised By :Jagrut Upadhyay 09/12/2025



#5
2-Fluorophenol
Concen: 113.251 ng
RT: 5.499 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

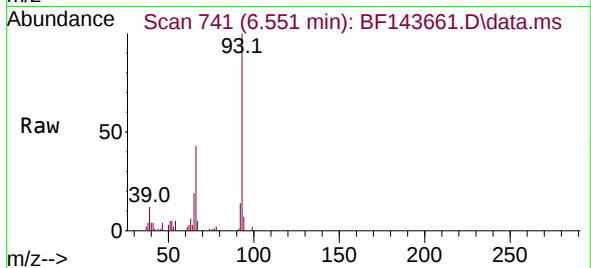
Tgt Ion:112 Resp: 386605
Ion Ratio Lower Upper
112 100
64 62.3 52.7 79.1
63 31.9 26.5 39.7





#6
Aniline
Concen: 4.254 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

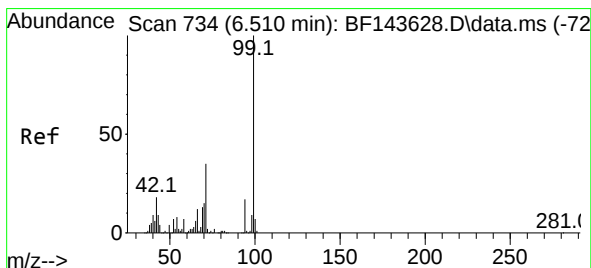
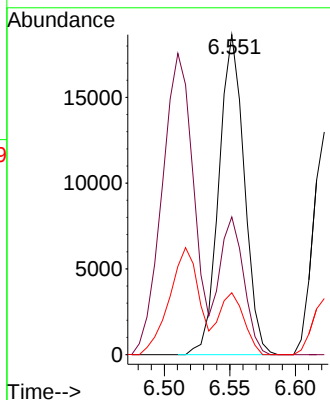
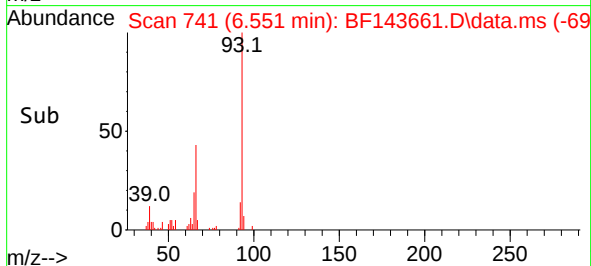
Instrument : BNA_F
Client SampleId : LOQ-SOIL-02-QT3-2025



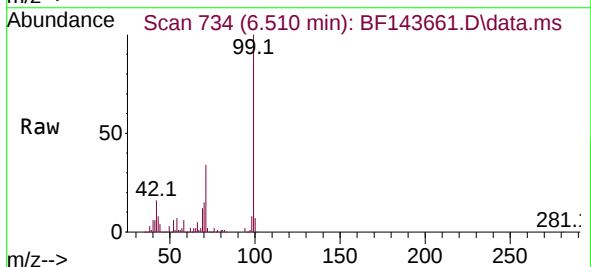
Tgt Ion: 93 Resp: 25089
Ion Ratio Lower Upper
93 100
66 43.0 34.6 51.8
65 19.3 16.9 25.3

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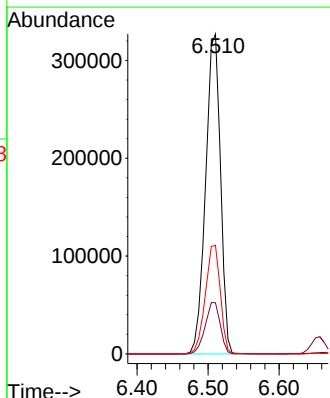
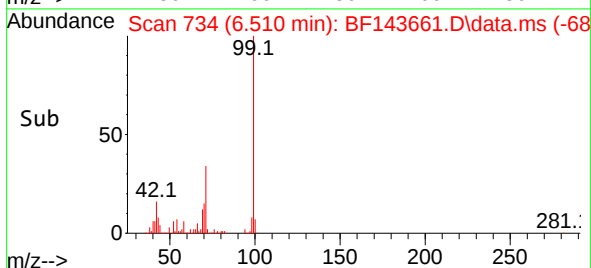
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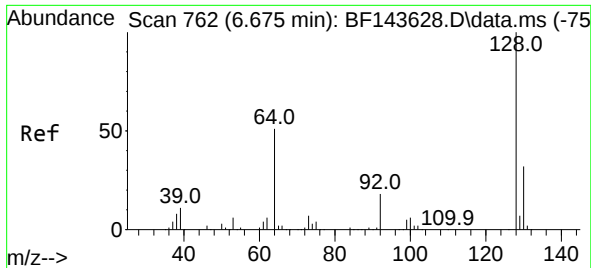


#7
Phenol-d6
Concen: 112.245 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



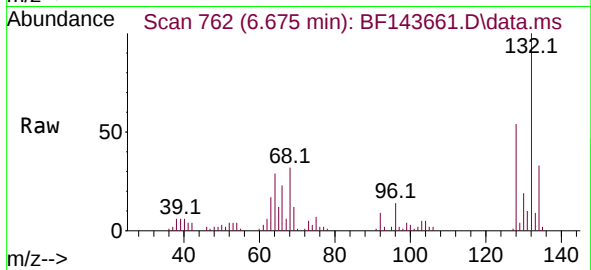
Tgt Ion: 99 Resp: 475573
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 33.9 28.0 42.0





#8
2-Chlorophenol
Concen: 4.523 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

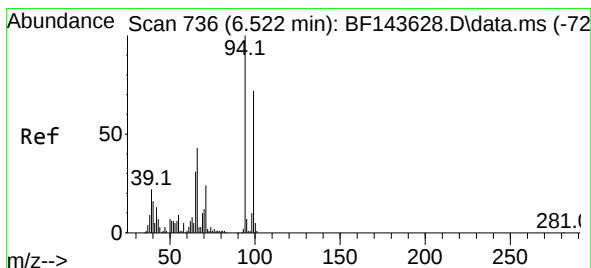
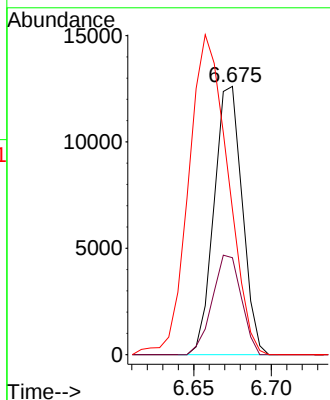
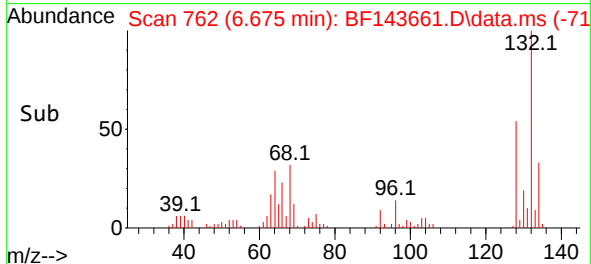
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



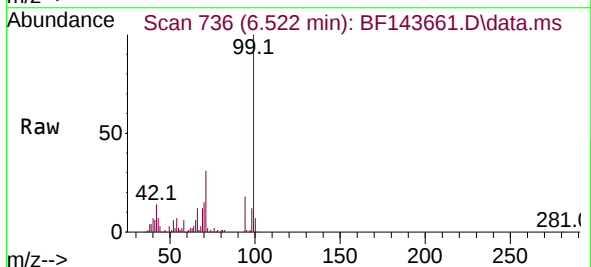
Tgt Ion:128 Resp: 15991
Ion Ratio Lower Upper
128 100
130 36.1 12.3 52.3
64 54.1 32.9 72.9

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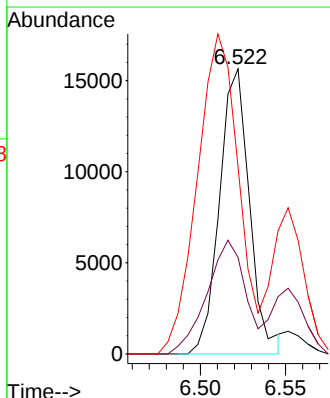
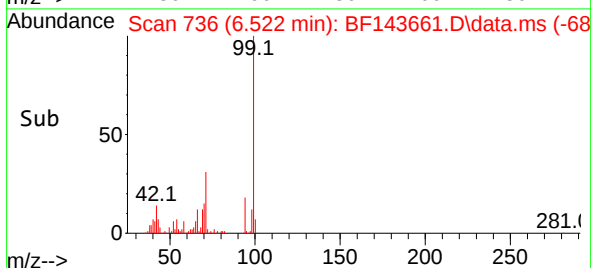
Reviewed By :Rahul Chavli 09/09/2025
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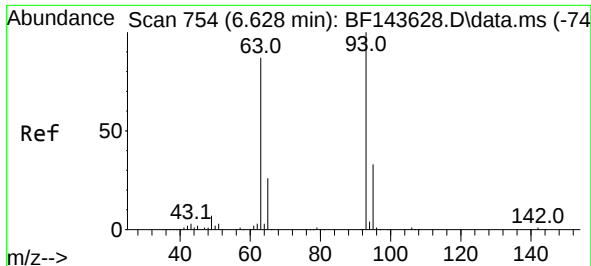


#10
Phenol
Concen: 4.120 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



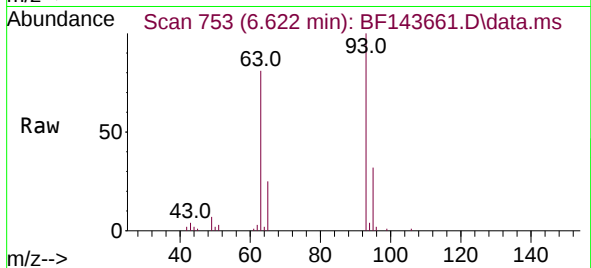
Tgt Ion: 94 Resp: 19139
Ion Ratio Lower Upper
94 100
65 33.8 11.4 51.4
66 65.6 23.7 63.7#





#11
bis(2-Chloroethyl)ether
Concen: 4.181 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

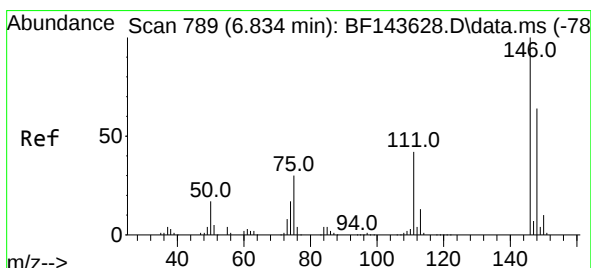
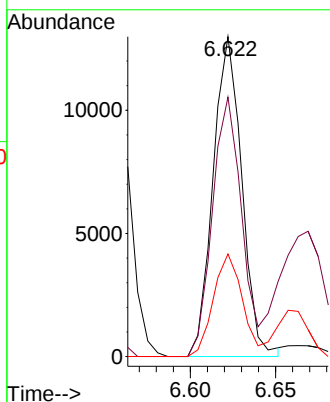
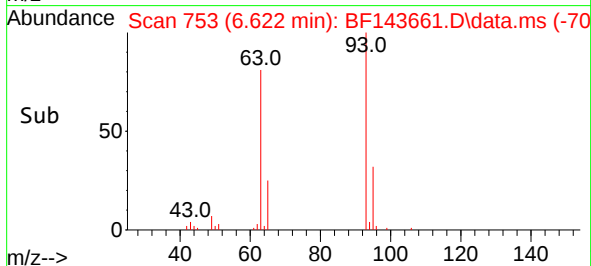
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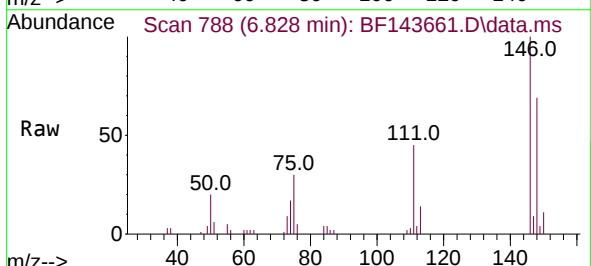
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Ion Ratio Lower Upper
93 100
63 81.1 66.5 106.5
95 32.1 12.7 52.7

Manual Integrations
APPROVED

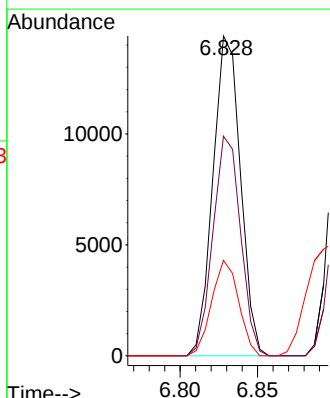
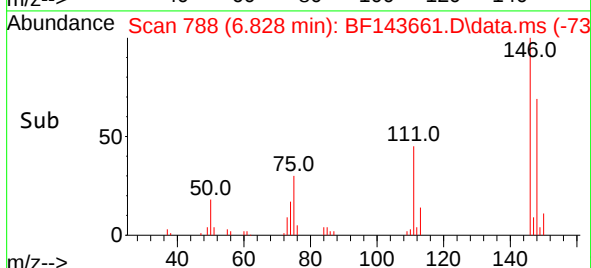
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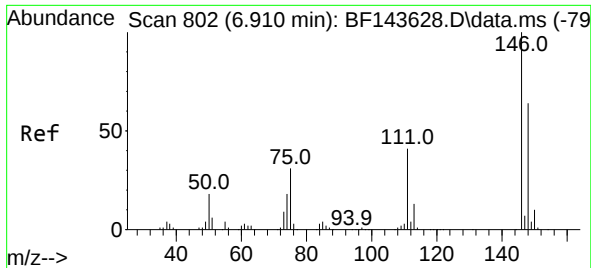


#12
1,3-Dichlorobenzene
Concen: 4.100 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



Tgt Ion:146 Resp: 17888
Ion Ratio Lower Upper
146 100
148 68.7 50.9 76.3
75 29.9 24.2 36.2





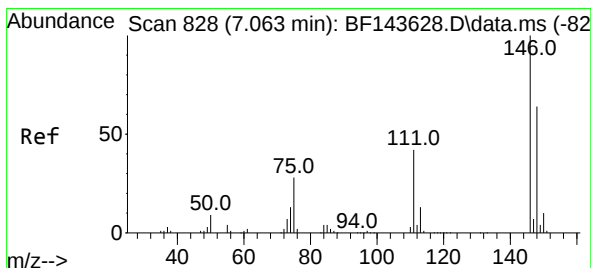
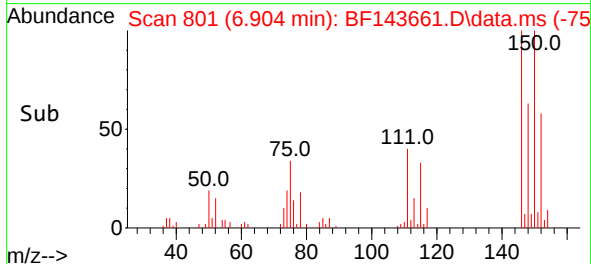
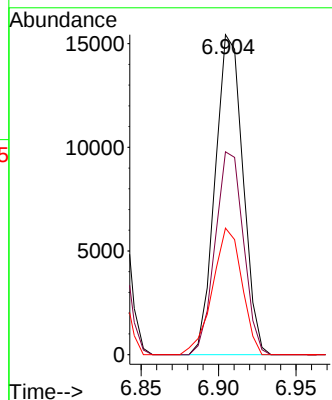
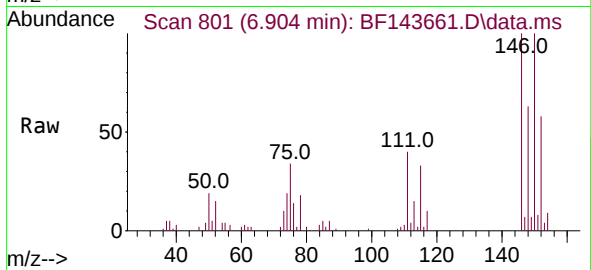
#13
1,4-Dichlorobenzene
Concen: 4.397 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:146 Resp: 19243
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 39.5 33.1 49.7

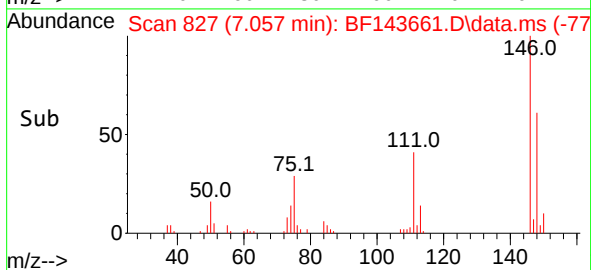
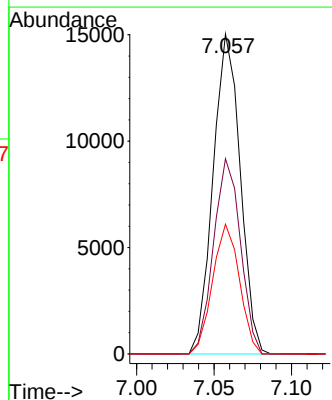
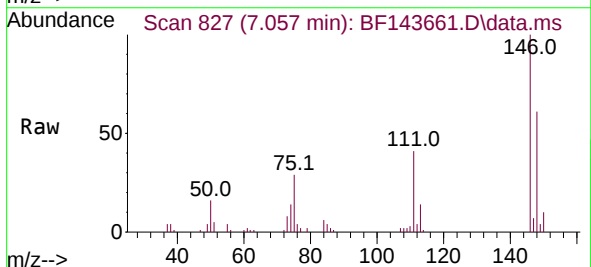
Manual Integrations
APPROVED

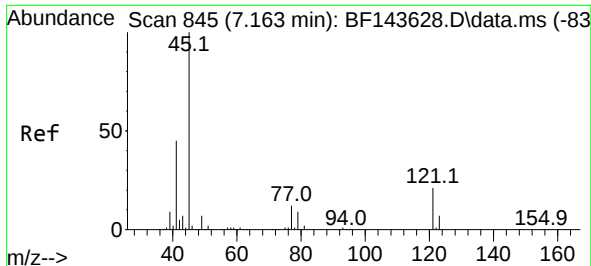
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#14
1,2-Dichlorobenzene
Concen: 4.418 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

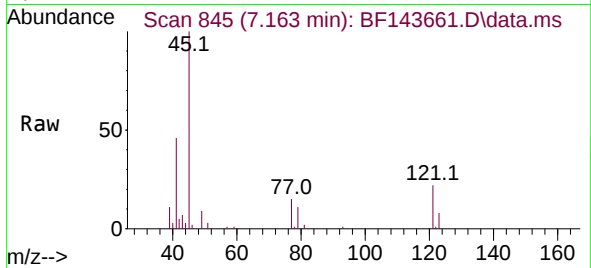
Tgt Ion:146 Resp: 18296
Ion Ratio Lower Upper
146 100
148 61.0 51.2 76.8
111 40.5 33.9 50.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.579 ng
RT: 7.163 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

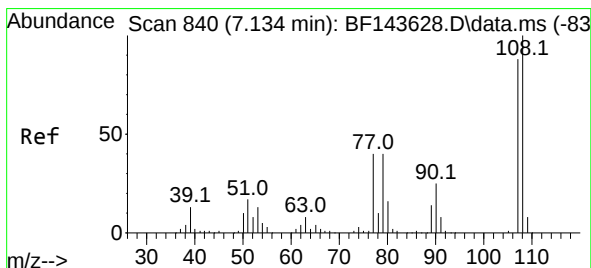
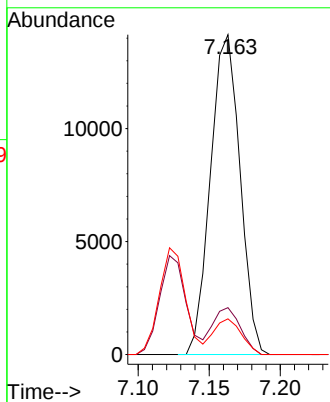
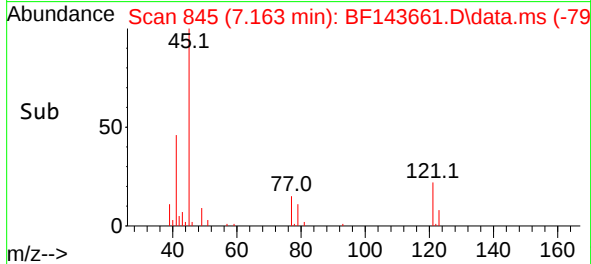
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



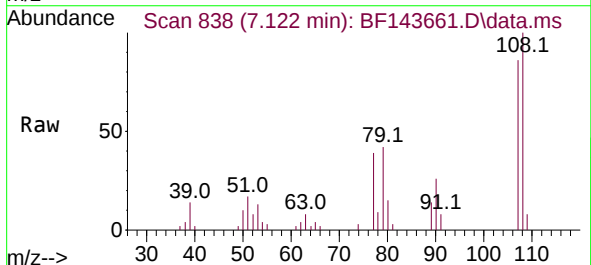
Tgt Ion: 45 Resp: 20495
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.5
79 11.2 0.0 29.8

Manual Integrations
APPROVED

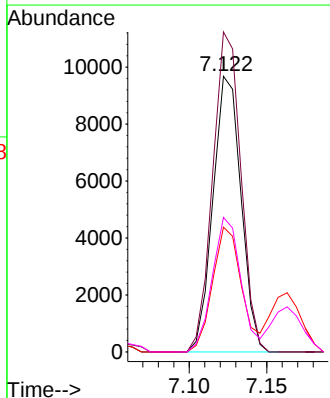
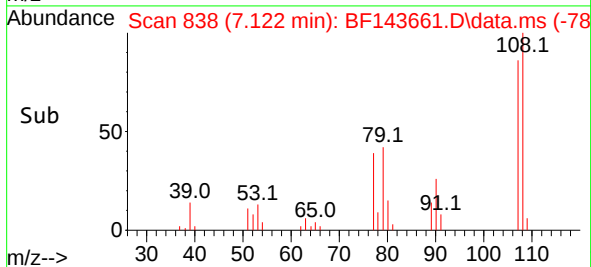
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

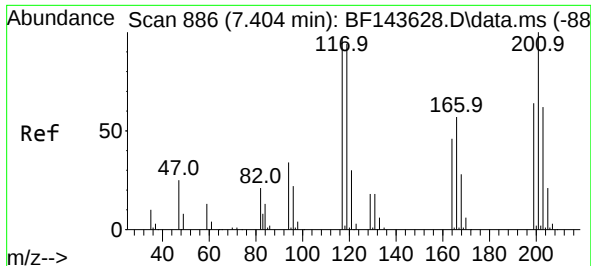


#17
2-Methylphenol
Concen: 3.940 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



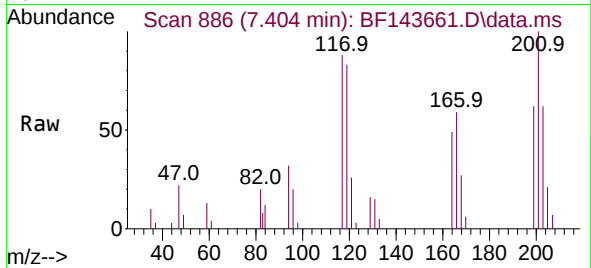
Tgt Ion:107 Resp: 12178
Ion Ratio Lower Upper
107 100
108 116.1 90.5 135.7
77 45.2 35.9 53.9
79 48.8 36.4 54.6





#18
Hexachloroethane
Concen: 4.142 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

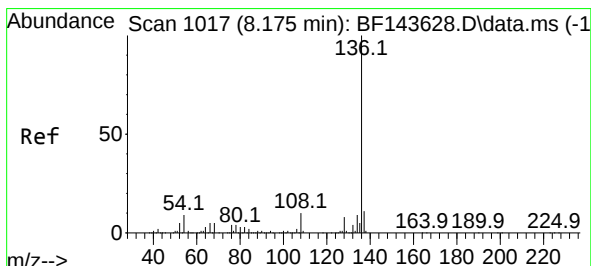
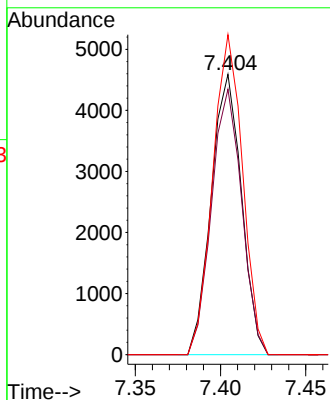
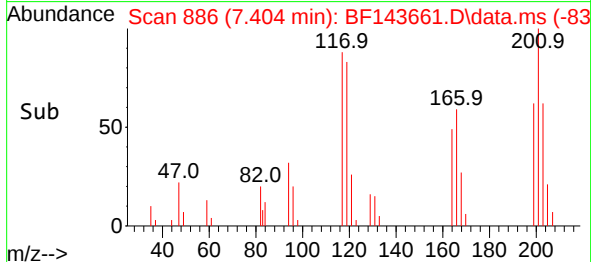
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



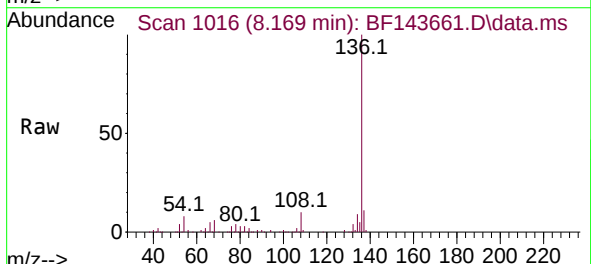
Tgt Ion:117 Resp: 565
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5
201 114.2 82.7 124.1

Manual Integrations
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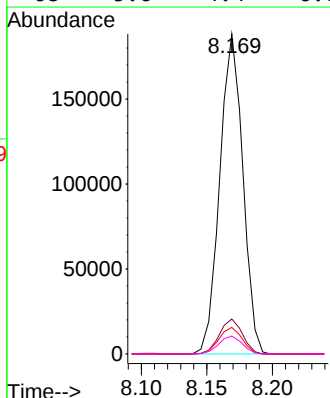
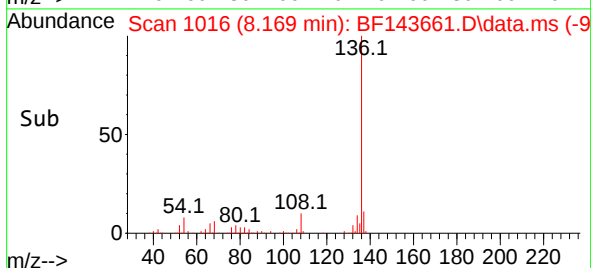
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

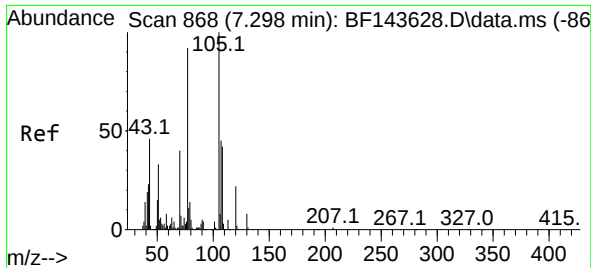


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



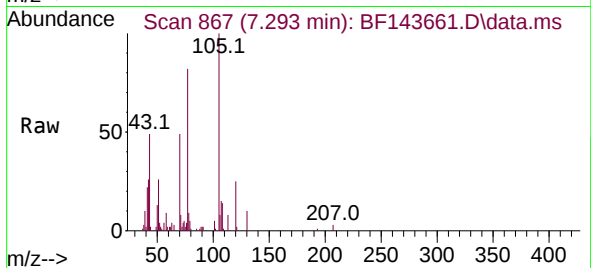
Tgt Ion:136 Resp: 230531
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.3 7.3 10.9
68 5.6 4.4 6.6





#22
Acetophenone
Concen: 4.323 ng
RT: 7.293 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

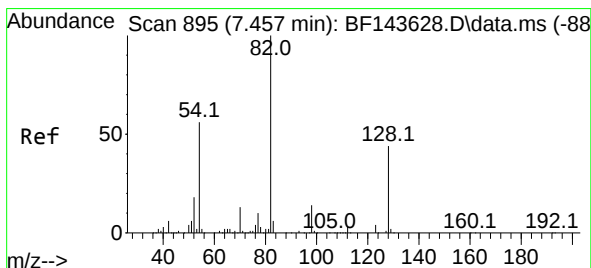
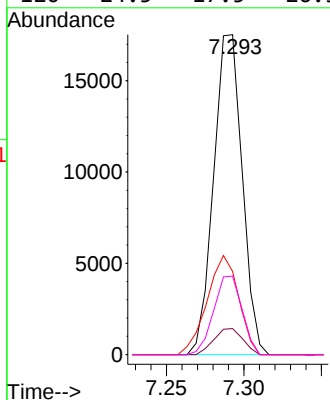
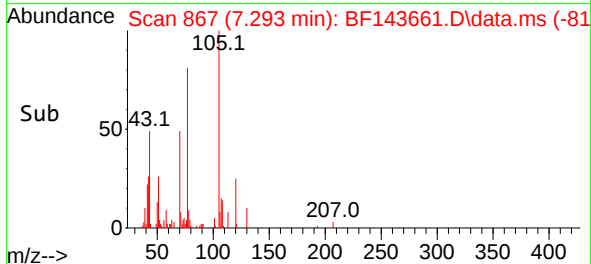
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:105 Resp: 22538
Ion Ratio Lower Upper
105 100
71 8.1 5.3 7.9
51 26.0 26.7 40.1
120 24.5 17.5 26.3

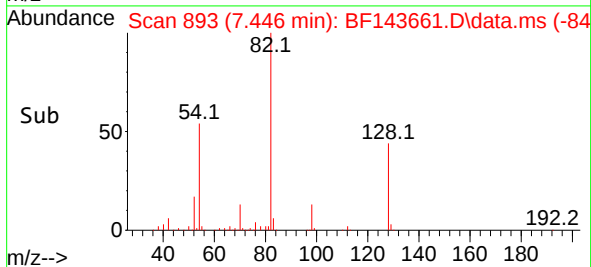
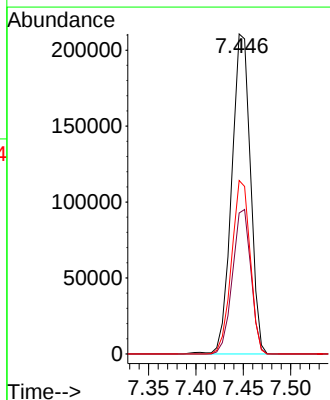
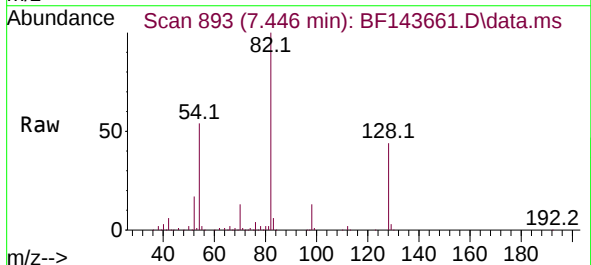
Manual Integrations
APPROVED

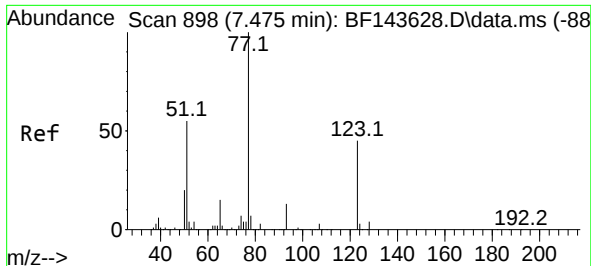
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#23
Nitrobenzene-d5
Concen: 88.615 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion: 82 Resp: 290658
Ion Ratio Lower Upper
82 100
128 44.0 34.7 52.1
54 54.2 44.8 67.2





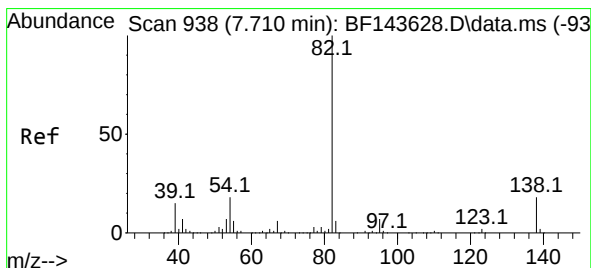
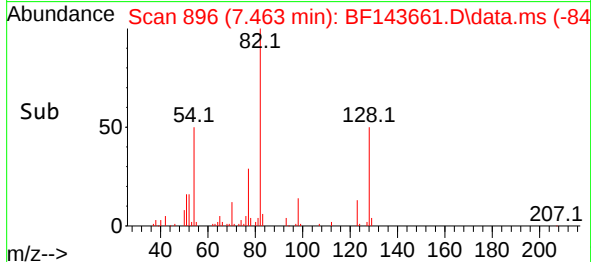
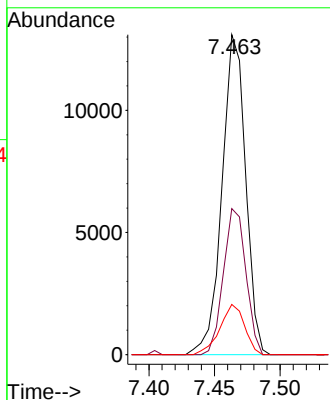
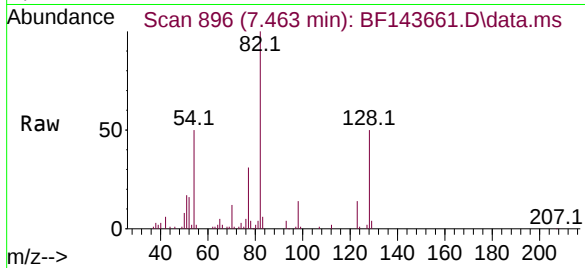
#24
Nitrobenzene
Concen: 4.686 ng
RT: 7.463 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025

Tgt Ion: 77 Resp: 16433
Ion Ratio Lower Upper
77 100
123 45.6 36.2 54.4
65 15.7 11.8 17.8

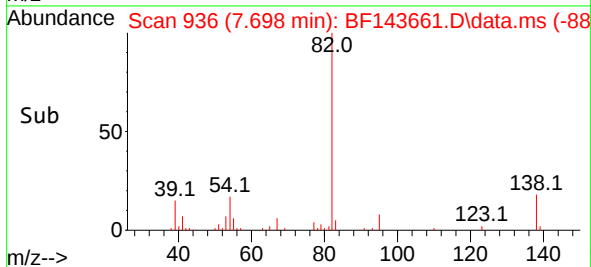
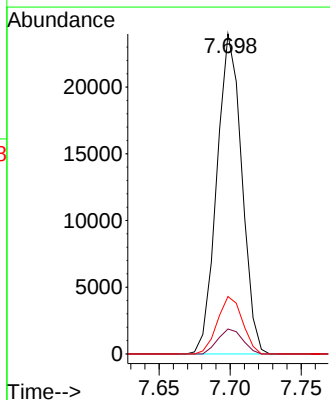
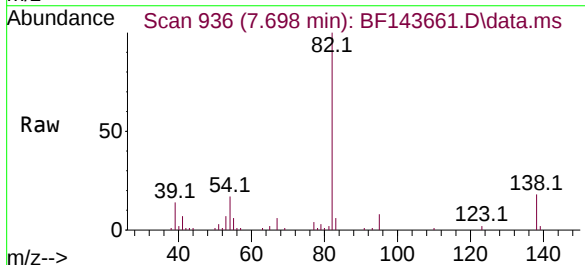
Manual Integrations
APPROVED

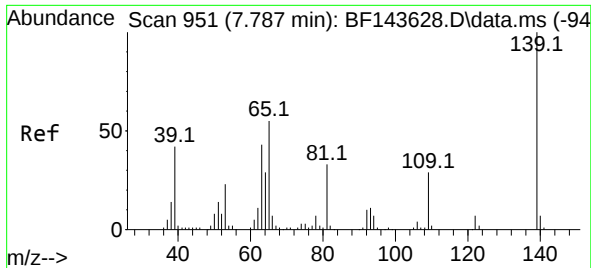
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#25
Isophorone
Concen: 3.959 ng
RT: 7.698 min Scan# 936
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion: 82 Resp: 29265
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 17.9 14.2 21.2





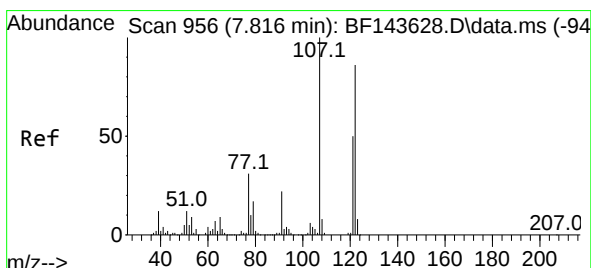
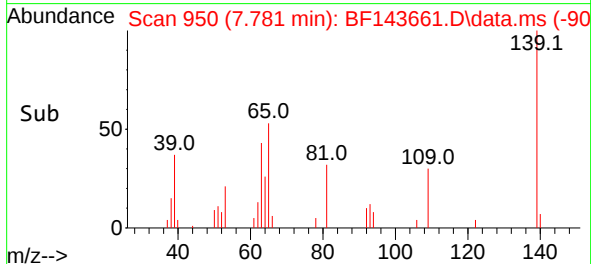
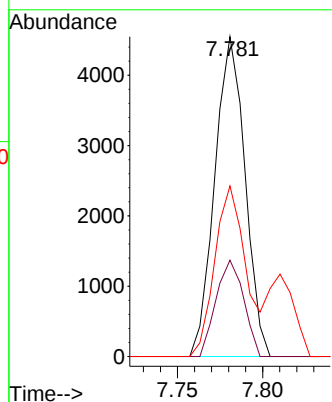
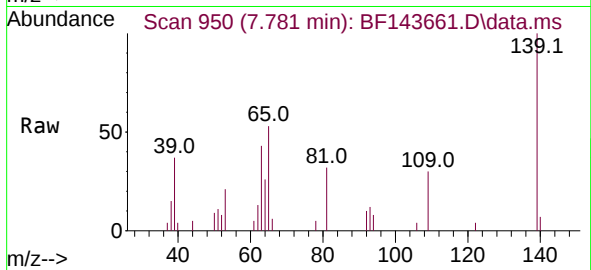
#26
2-Nitrophenol
Concen: 7.323 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:139 Resp: 560
Ion Ratio Lower Upper
139 100
109 30.1 23.5 35.3
65 53.3 44.1 66.1

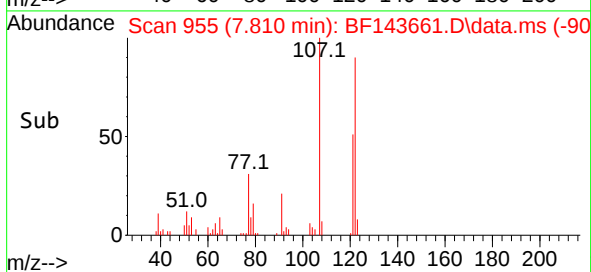
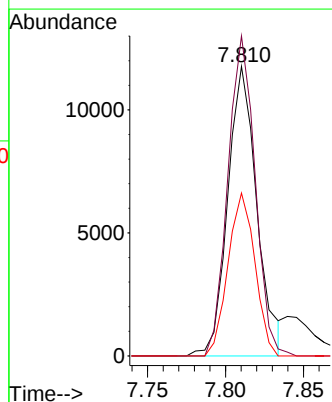
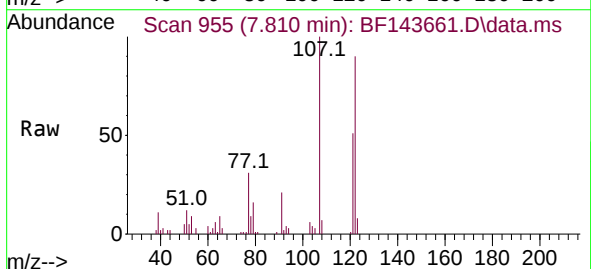
Manual Integrations
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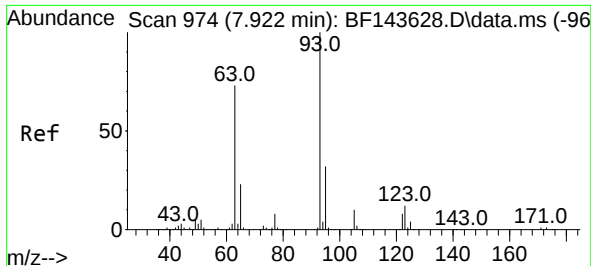
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#27
2,4-Dimethylphenol
Concen: 4.743 ng m
RT: 7.810 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:122 Resp: 15263
Ion Ratio Lower Upper
122 100
107 110.6 93.4 140.0
121 56.3 46.9 70.3





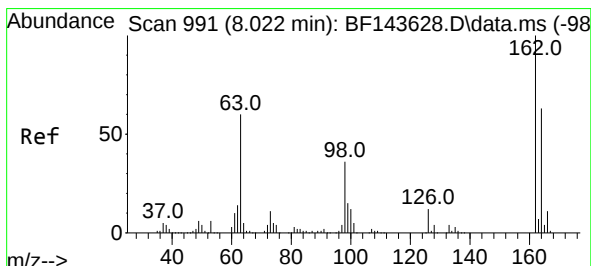
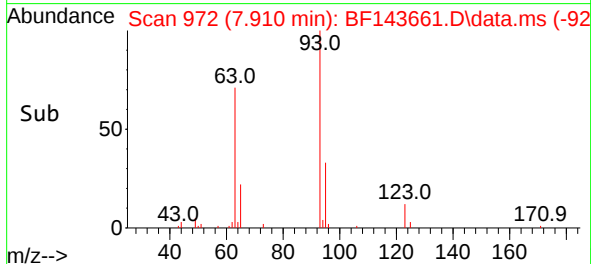
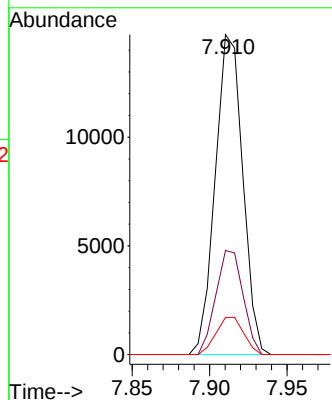
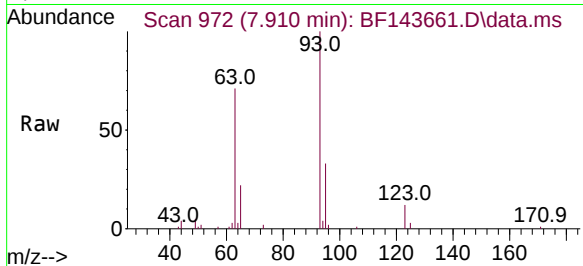
#28
bis(2-Chloroethoxy)methane
Concen: 4.035 ng
RT: 7.910 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 93 Resp: 18232
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.6 9.6 14.4

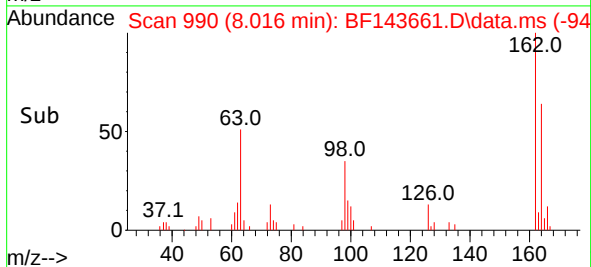
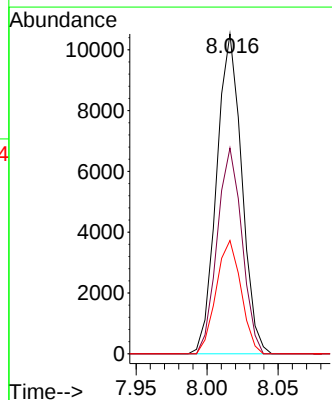
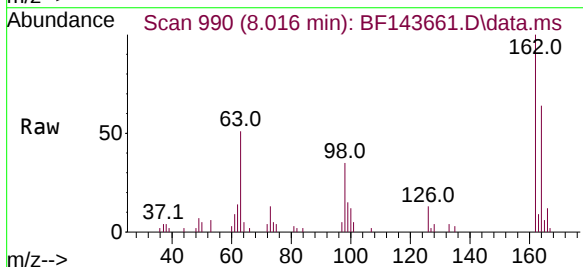
Manual Integrations
APPROVED

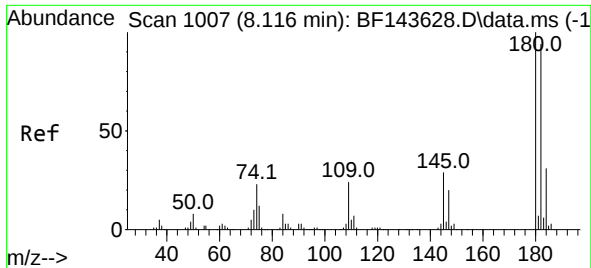
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#29
2,4-Dichlorophenol
Concen: 4.118 ng
RT: 8.016 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:162 Resp: 13004
Ion Ratio Lower Upper
162 100
164 64.3 42.9 82.9
98 35.4 15.9 55.9





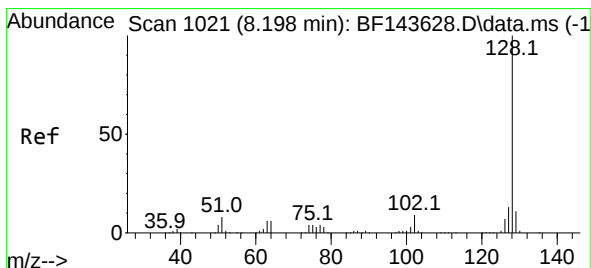
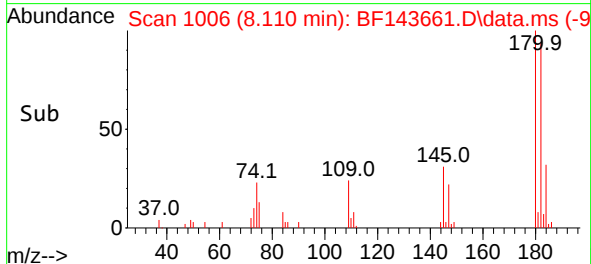
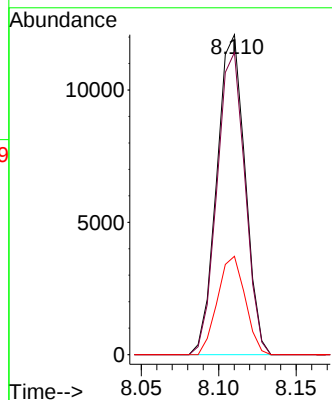
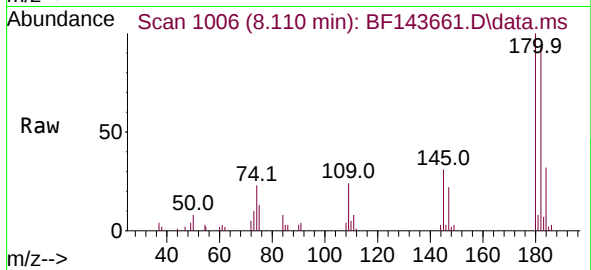
#30
1,2,4-Trichlorobenzene
Concen: 4.460 ng
RT: 8.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:180 Resp: 1534
Ion Ratio Lower Upper
180 100
182 94.4 75.2 112.8
145 30.7 23.6 35.4

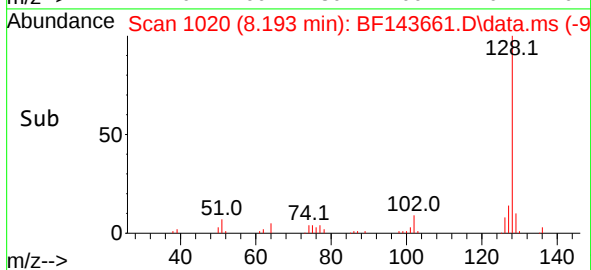
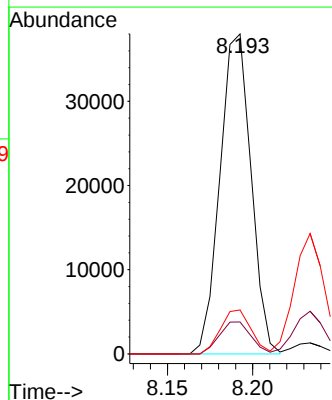
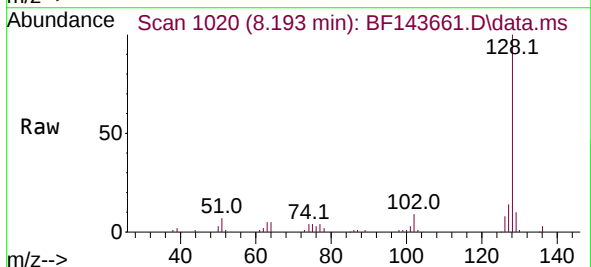
Manual Integrations
APPROVED

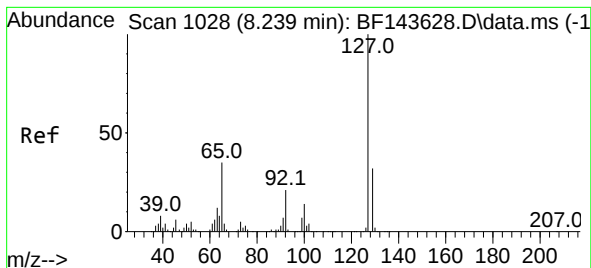
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#31
Naphthalene
Concen: 4.278 ng
RT: 8.193 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

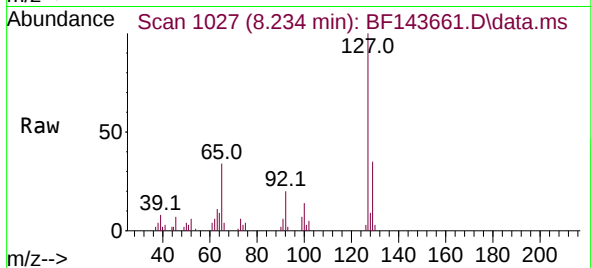
Tgt Ion:128 Resp: 48242
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 13.7 10.6 16.0





#33
4-Chloroaniline
Concen: 4.435 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

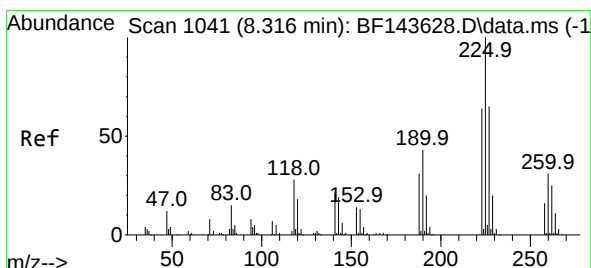
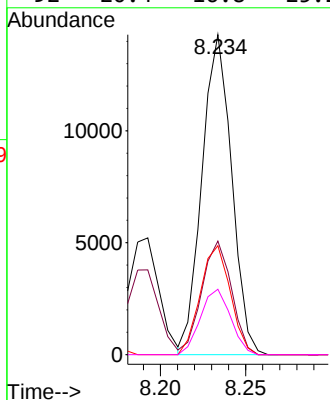
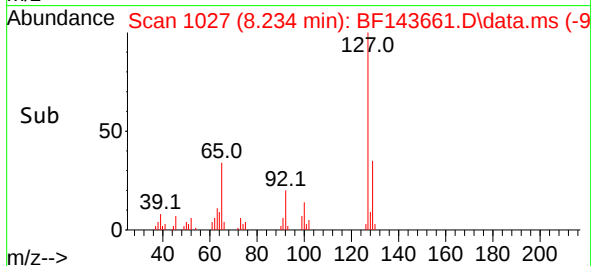
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.2	39.2
65	34.0	27.6	41.4
92	20.4	16.8	25.2

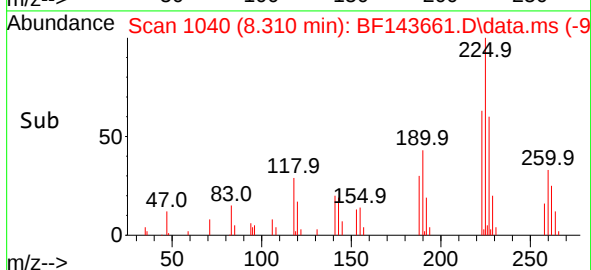
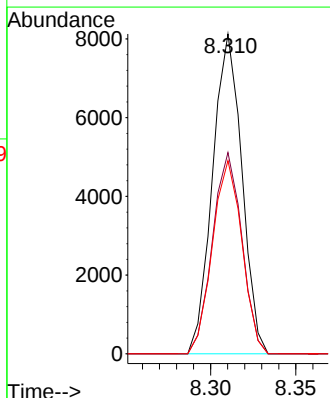
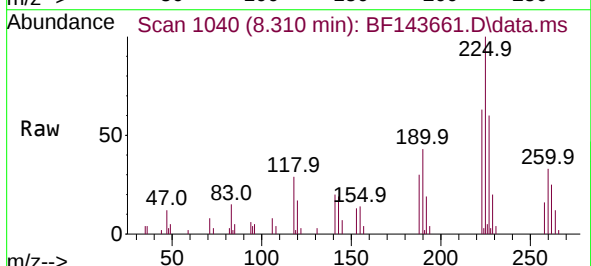
Manual Integrations
APPROVED

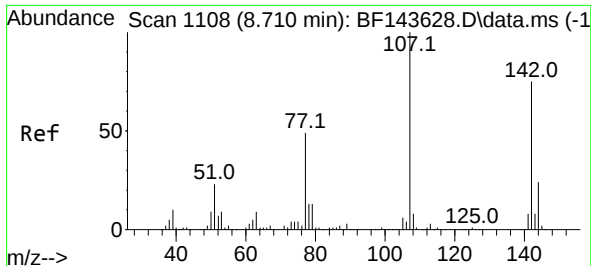
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 4.331 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.3	76.9
227	60.4	51.7	77.5





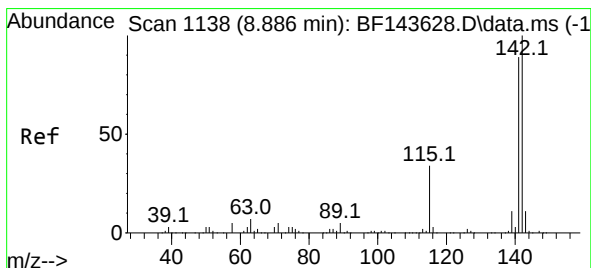
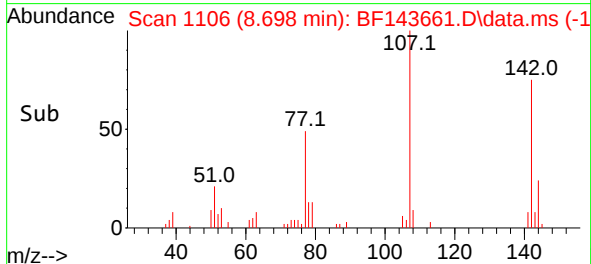
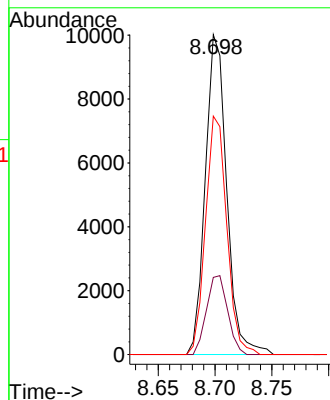
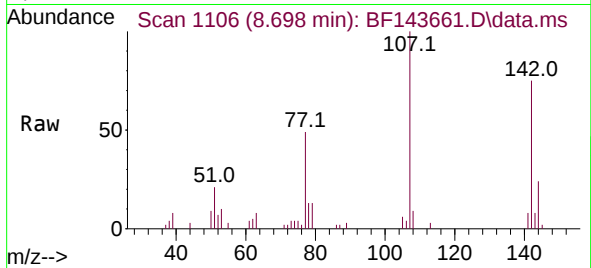
#36
4-Chloro-3-methylphenol
Concen: 3.972 ng
RT: 8.698 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:107 Resp: 13134
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.6
142 74.5 60.3 90.5

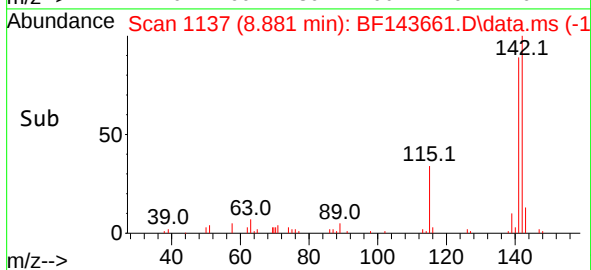
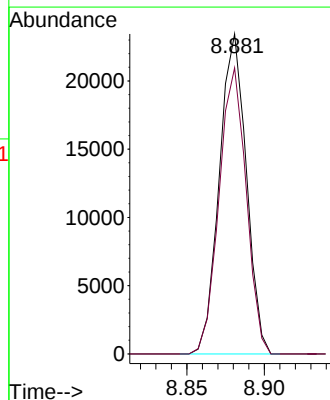
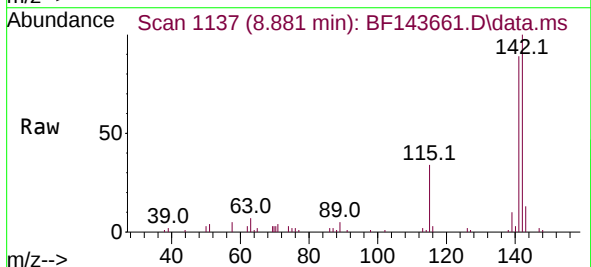
Manual Integrations
APPROVED

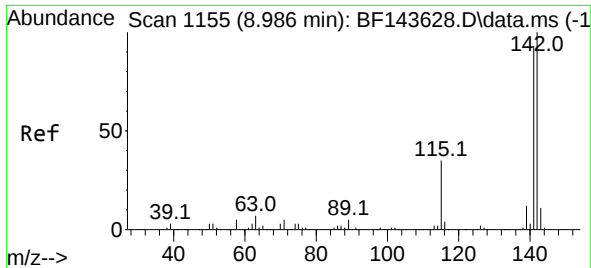
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#37
2-Methylnaphthalene
Concen: 3.735 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

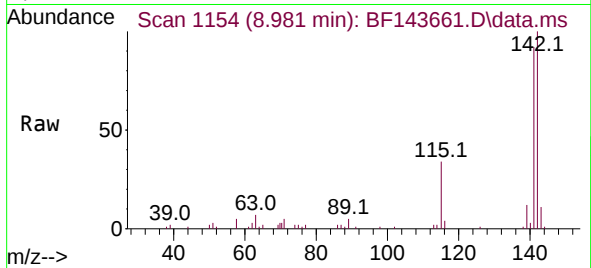
Tgt Ion:142 Resp: 28485
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2





#38
1-Methylnaphthalene
Concen: 4.254 ng
RT: 8.981 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

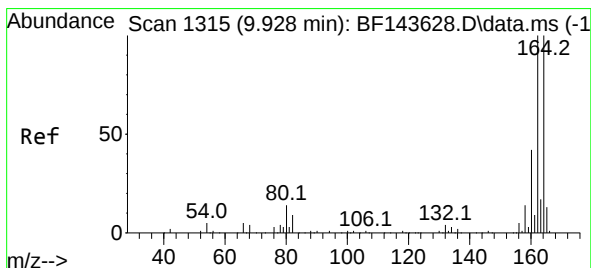
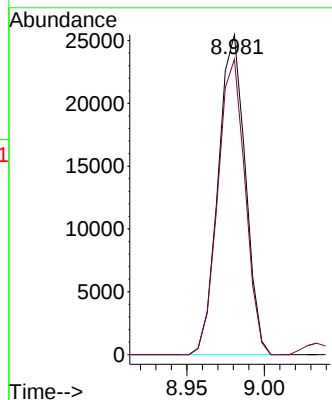
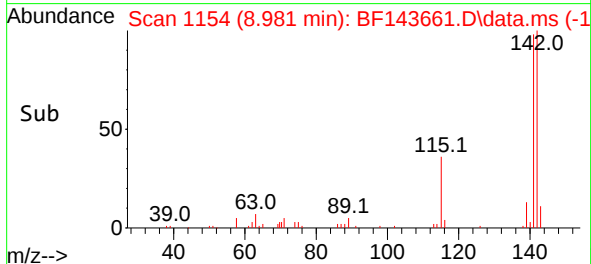
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:142 Resp: 31019
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7

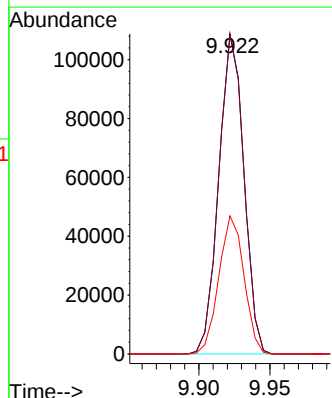
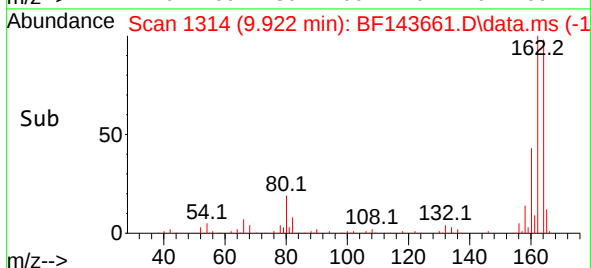
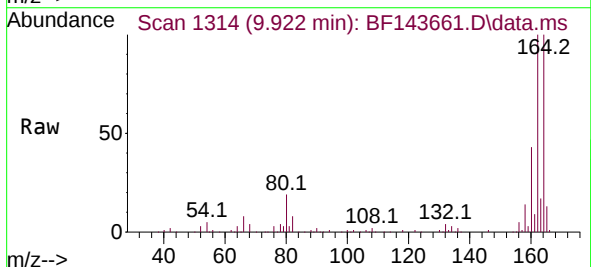
Manual Integrations
APPROVED

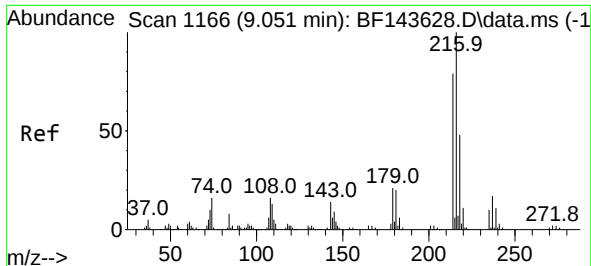
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

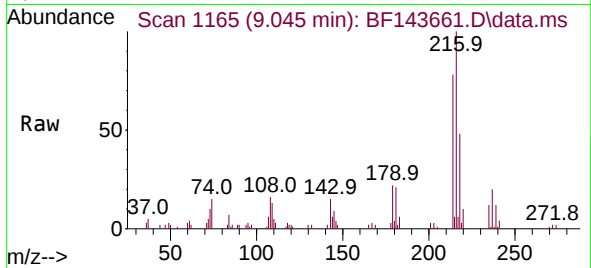
Tgt Ion:164 Resp: 133744
Ion Ratio Lower Upper
164 100
162 99.7 80.3 120.5
160 43.1 34.0 51.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.361 ng
RT: 9.045 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

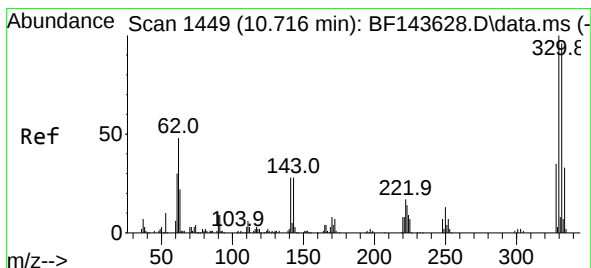
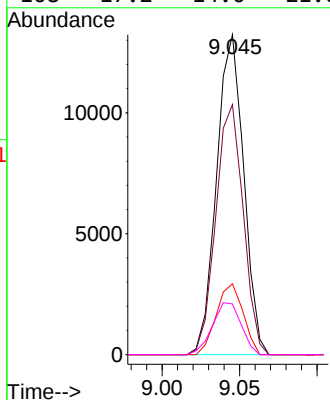
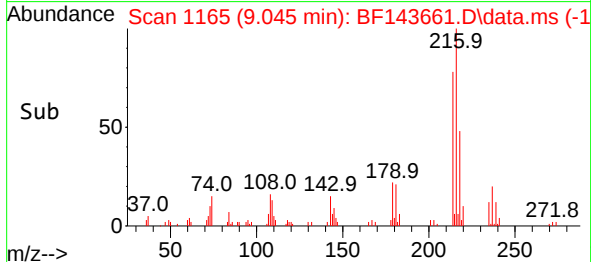
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



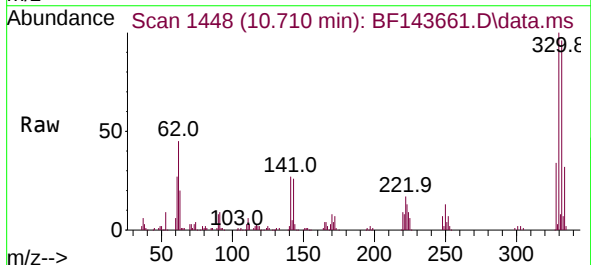
Tgt Ion:216 Resp: 16119
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 21.8 17.2 25.8
108 17.2 14.0 21.0

Manual Integrations
APPROVED

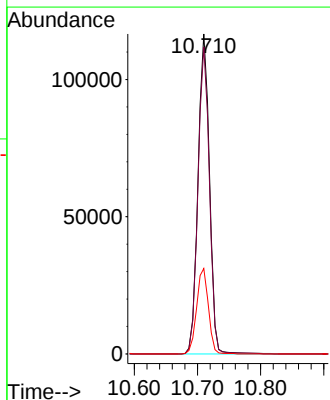
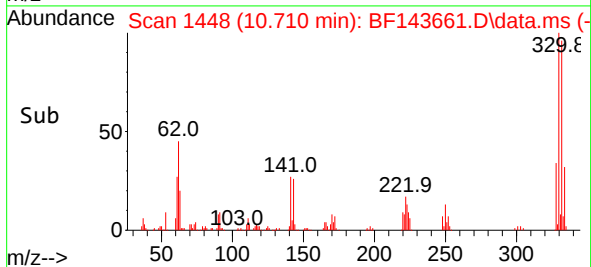
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

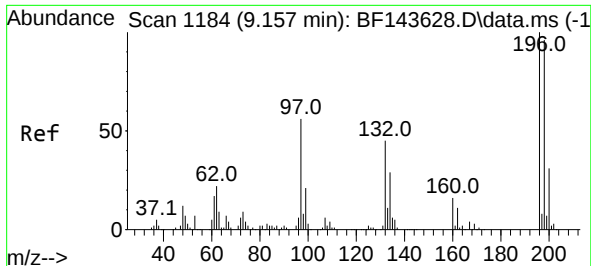


#42
2,4,6-Tribromophenol
Concen: 131.585 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



Tgt Ion:330 Resp: 147165
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 27.3 23.5 35.3





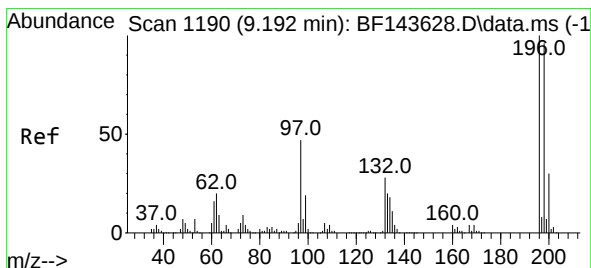
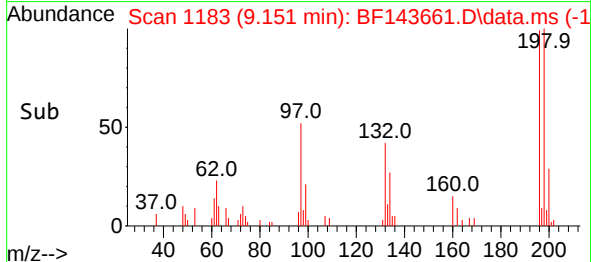
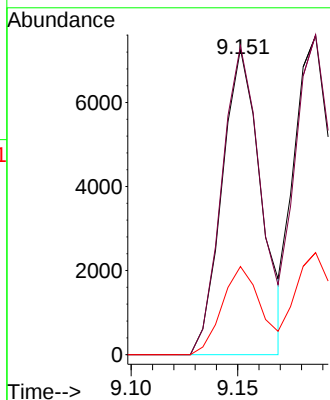
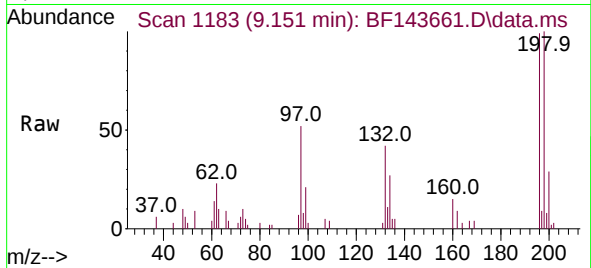
#43
2,4,6-Trichlorophenol
Concen: 4.063 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:196 Resp: 9252
Ion Ratio Lower Upper
196 100
198 101.1 77.1 115.7
200 28.8 24.7 37.1

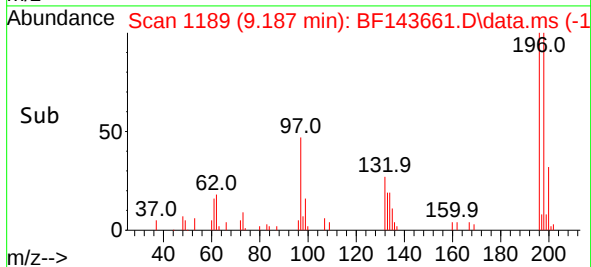
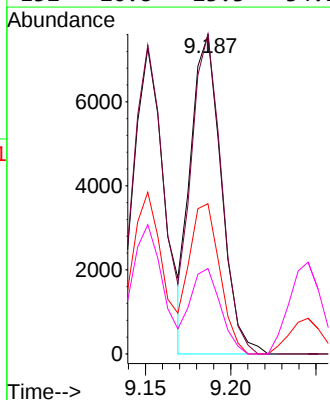
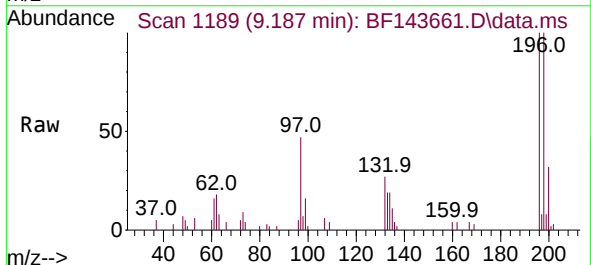
Manual Integrations
APPROVED

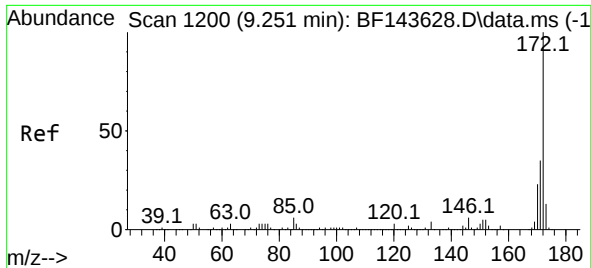
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#44
2,4,5-Trichlorophenol
Concen: 4.022 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

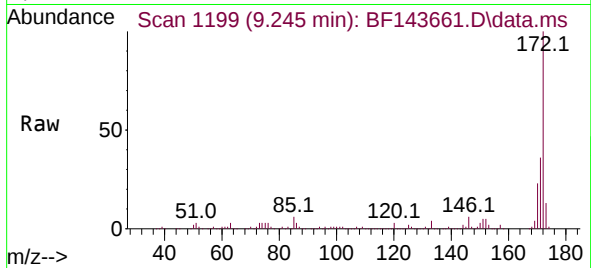
Tgt Ion:196 Resp: 9457
Ion Ratio Lower Upper
196 100
198 100.4 76.6 115.0
97 47.1 38.2 57.2
132 26.8 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 79.118 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

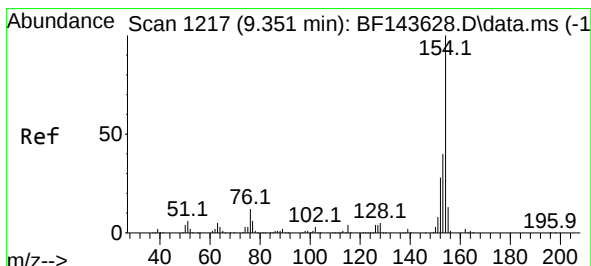
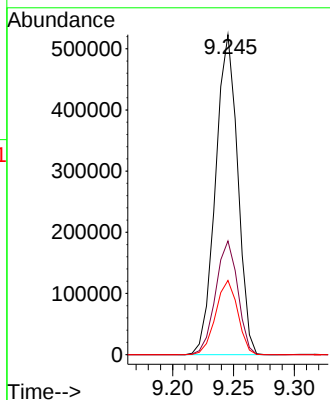
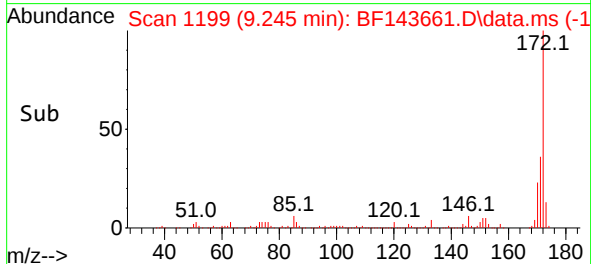
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



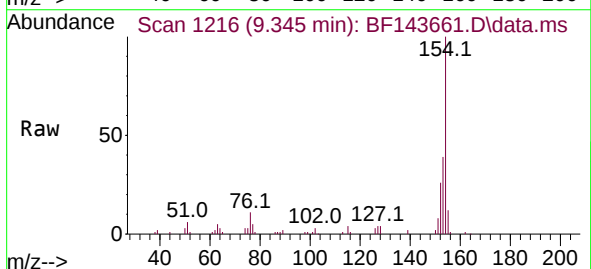
Tgt Ion:172 Resp: 662318
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.2 18.6 28.0

Manual Integrations
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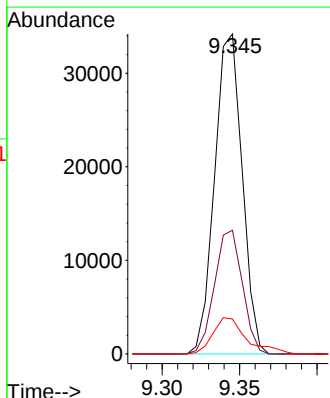
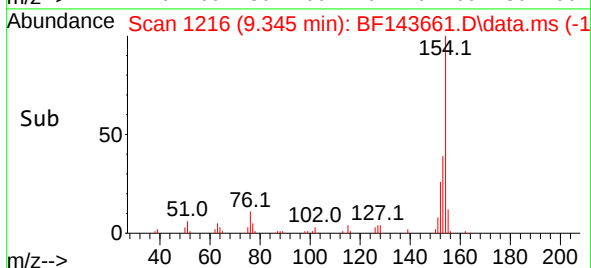
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

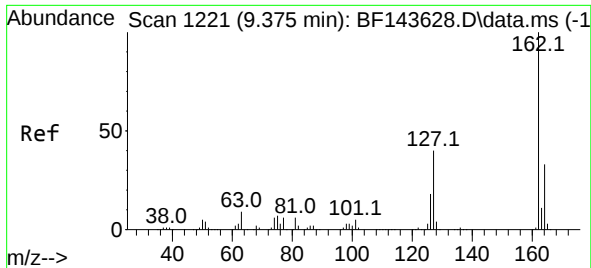


#46
1,1'-Biphenyl
Concen: 4.451 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



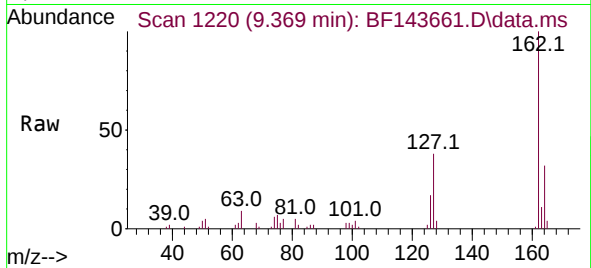
Tgt Ion:154 Resp: 42339
Ion Ratio Lower Upper
154 100
153 38.6 20.1 60.1
76 10.9 0.0 31.9





#47
2-Chloronaphthalene
Concen: 4.227 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

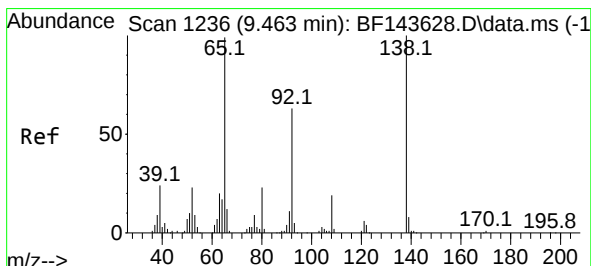
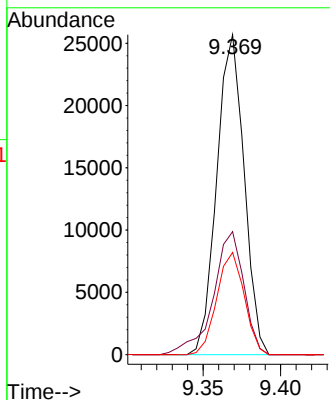
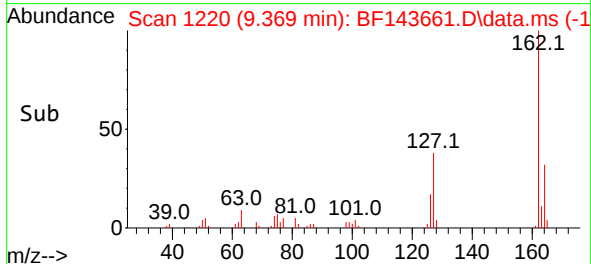
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion:162 Resp: 31463
Ion Ratio Lower Upper
162 100
127 38.4 31.9 47.9
164 31.9 26.0 39.0

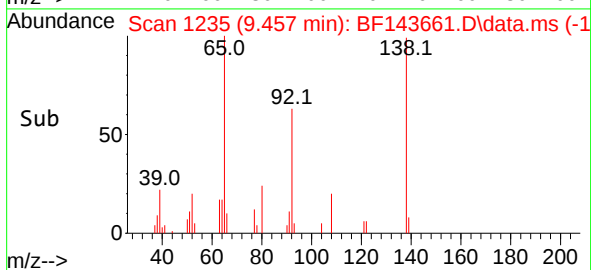
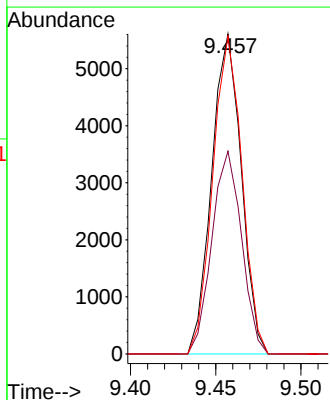
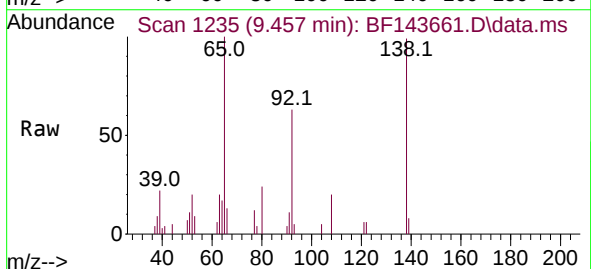
Manual Integrations
APPROVED

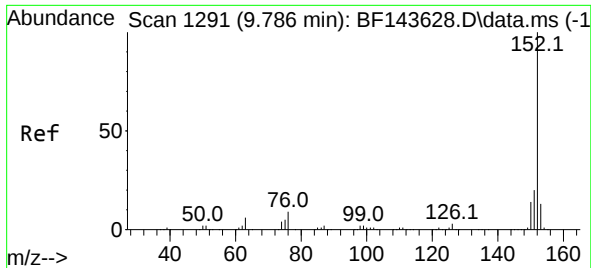
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#48
2-Nitroaniline
Concen: 6.304 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

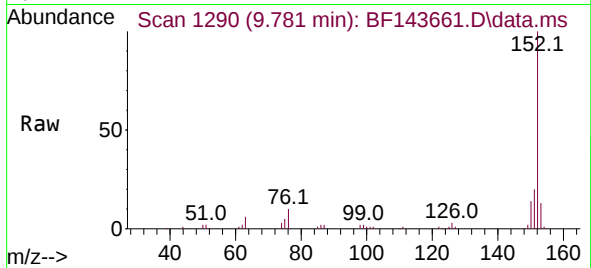
Tgt Ion: 65 Resp: 6765
Ion Ratio Lower Upper
65 100
92 63.3 50.9 76.3
138 99.2 80.6 120.8





#49
Acenaphthylene
Concen: 4.632 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

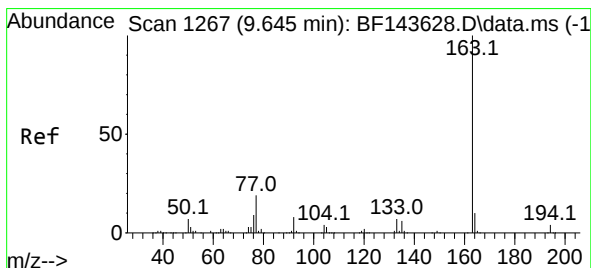
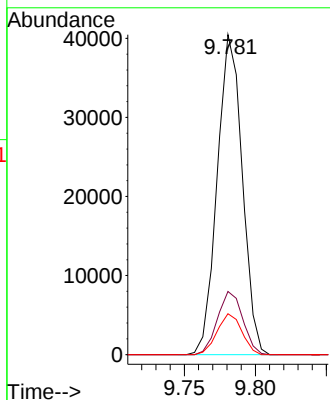
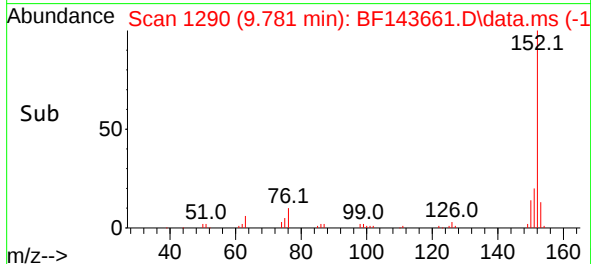
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



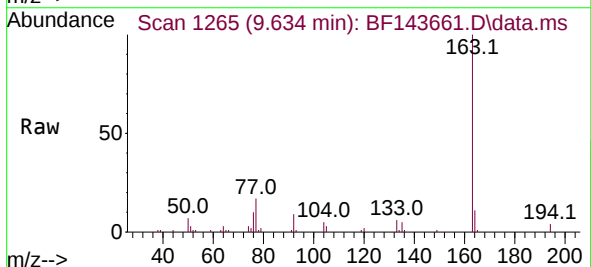
Tgt Ion:152 Resp: 49688
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.8 10.6 15.8

Manual Integrations
APPROVED

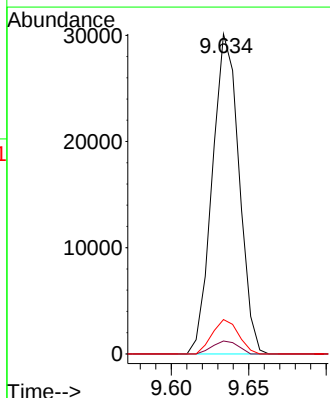
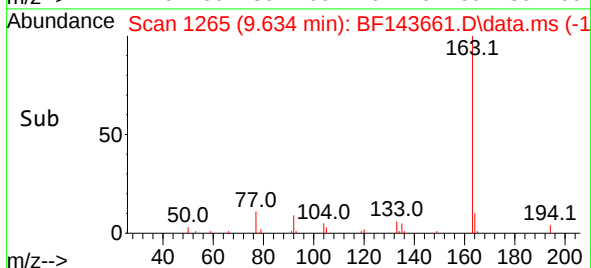
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

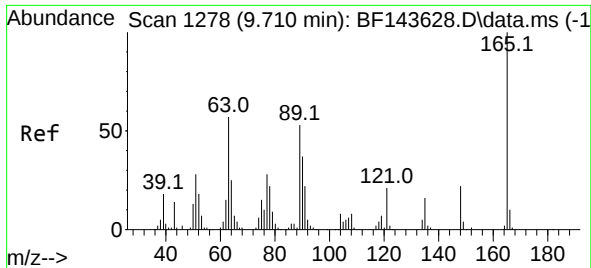


#50
Dimethylphthalate
Concen: 4.284 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



Tgt Ion:163 Resp: 36283
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.7 8.1 12.1





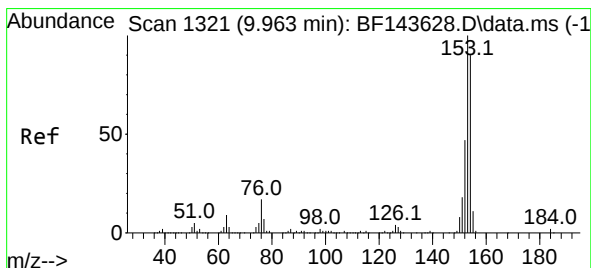
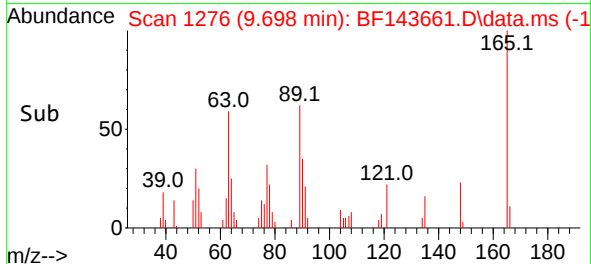
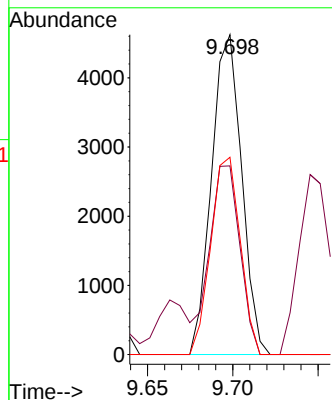
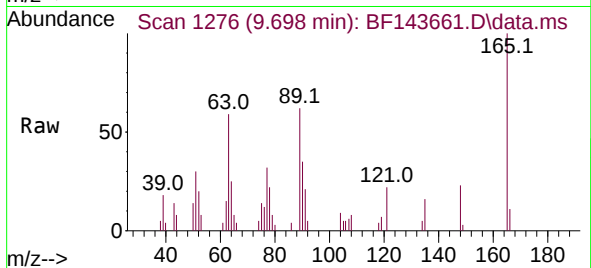
#51
2,6-Dinitrotoluene
Concen: 7.185 ng
RT: 9.698 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025

Tgt Ion:165 Resp: 5672
Ion Ratio Lower Upper
165 100
63 59.0 45.4 68.0
89 61.7 42.1 63.1

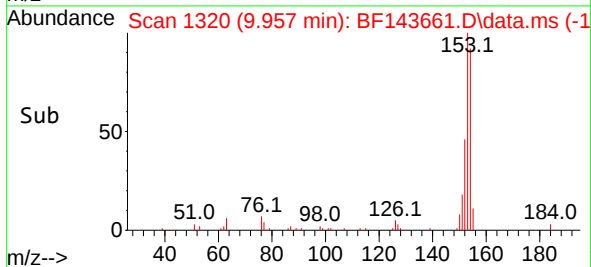
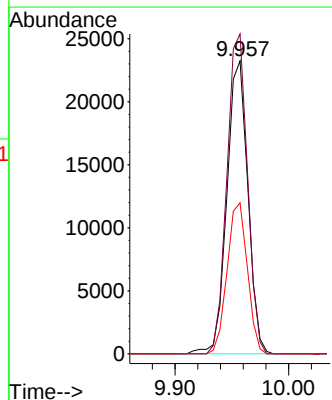
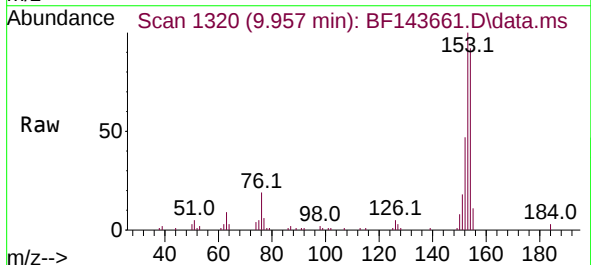
Manual Integrations
APPROVED

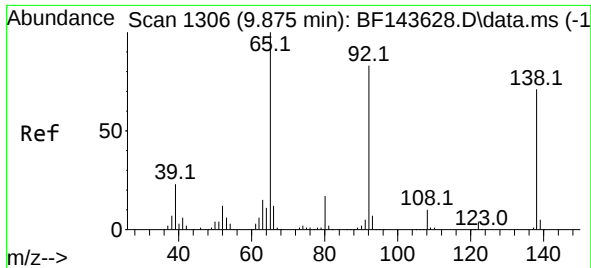
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 4.161 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:154 Resp: 29860
Ion Ratio Lower Upper
154 100
153 109.2 88.6 132.8
152 51.6 41.8 62.8





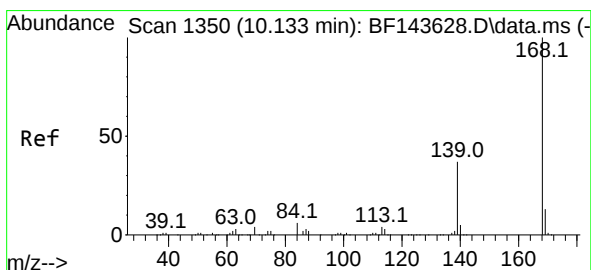
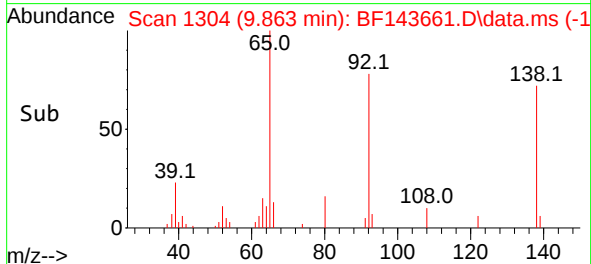
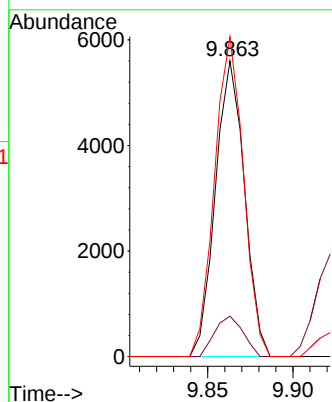
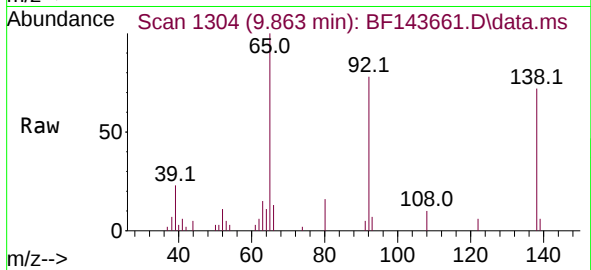
#53
3-Nitroaniline
Concen: 6.670 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:138 Resp: 6650
Ion Ratio Lower Upper
138 100
108 13.7 10.7 16.1
92 108.2 93.4 140.2

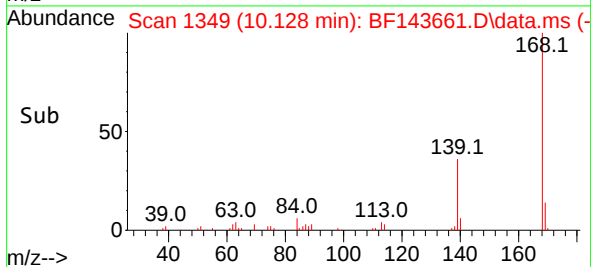
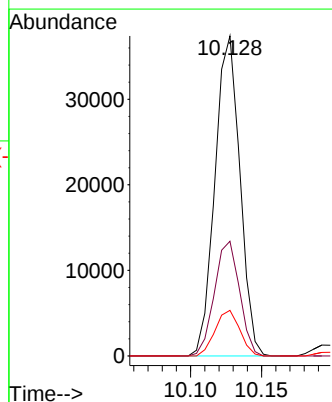
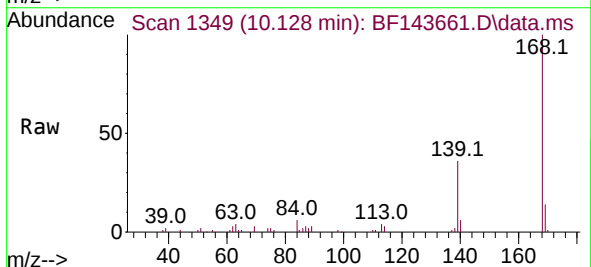
Manual Integrations
APPROVED

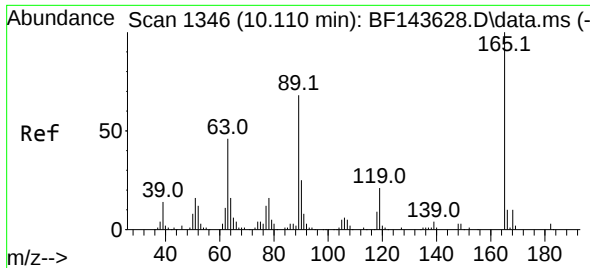
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#55
Dibenzofuran
Concen: 4.394 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

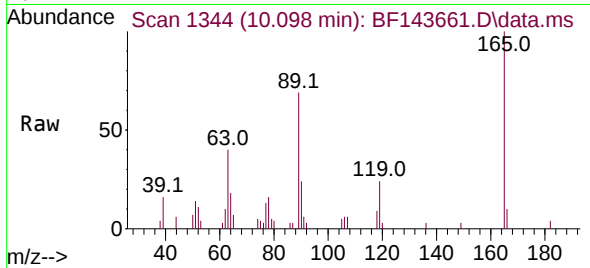
Tgt Ion:168 Resp: 45815
Ion Ratio Lower Upper
168 100
139 35.9 29.8 44.8
169 14.2 10.6 16.0





#57
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 10.098 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

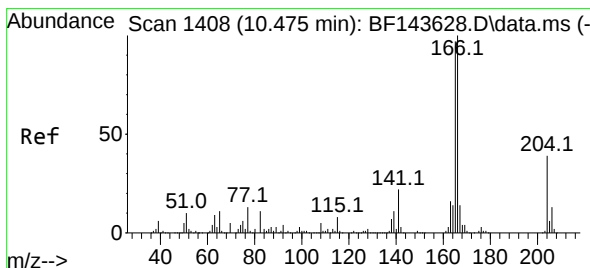
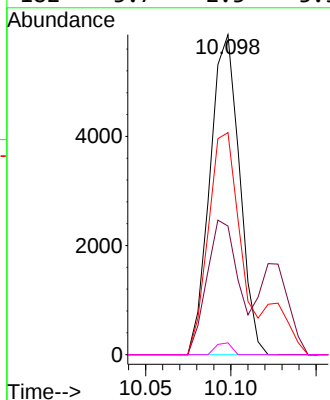
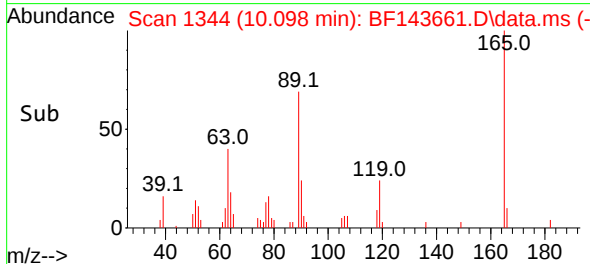
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:165 Resp: 7085
Ion Ratio Lower Upper
165 100
63 40.2 37.0 55.6
89 69.4 54.1 81.1
182 3.7 2.3 3.5#

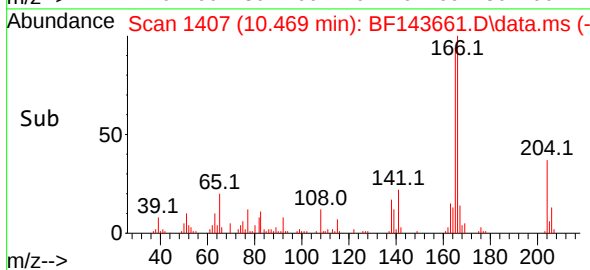
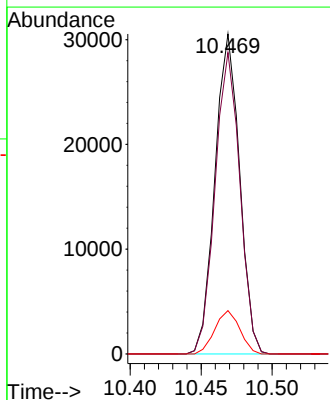
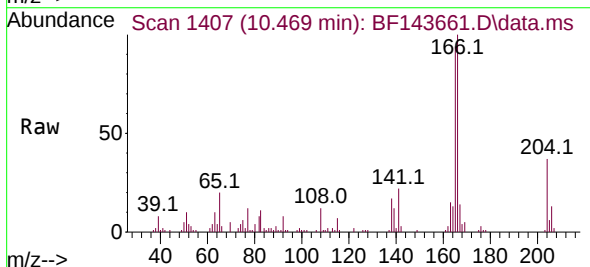
Manual Integrations
APPROVED

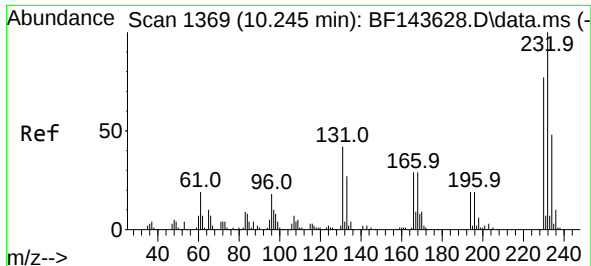
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 4.574 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

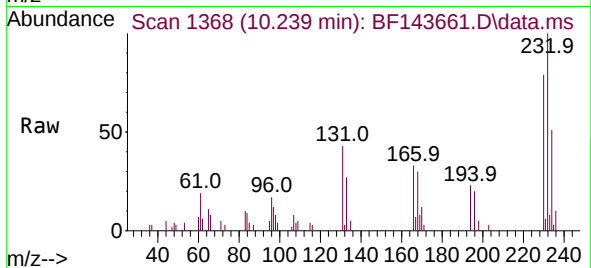
Tgt Ion:166 Resp: 36886
Ion Ratio Lower Upper
166 100
165 94.2 77.6 116.4
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.399 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

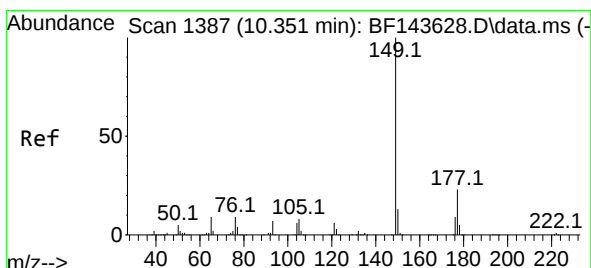
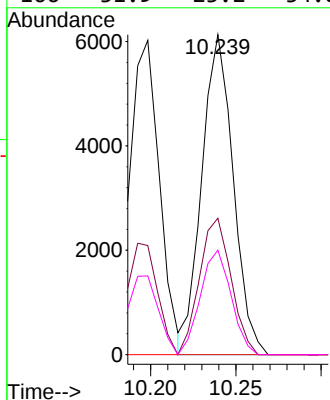
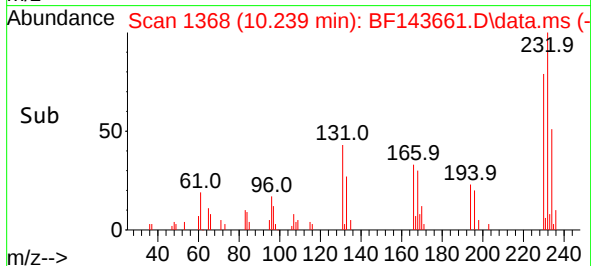
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:232 Resp: 785
Ion Ratio Lower Upper
232 100
131 42.9 33.7 50.5
130 0.0 1.5 2.3
166 31.9 23.2 34.8

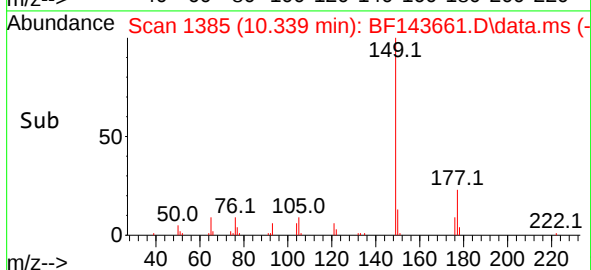
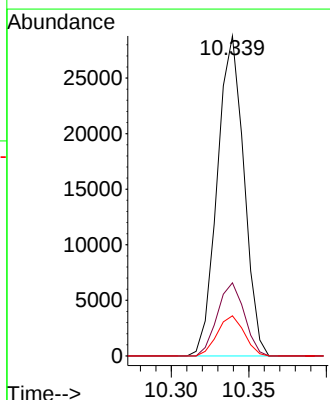
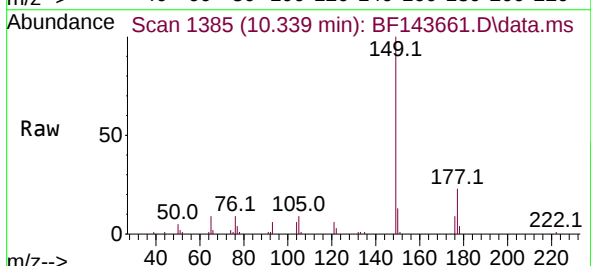
Manual Integrations
APPROVED

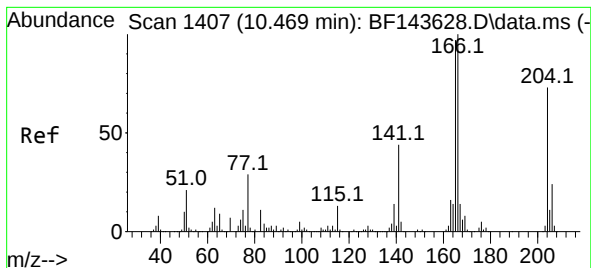
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#60
Diethylphthalate
Concen: 4.282 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:149 Resp: 34430
Ion Ratio Lower Upper
149 100
177 22.8 18.6 28.0
150 12.5 10.3 15.5





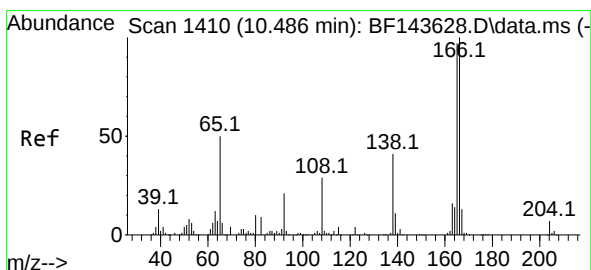
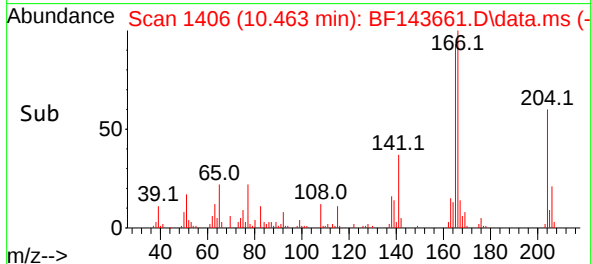
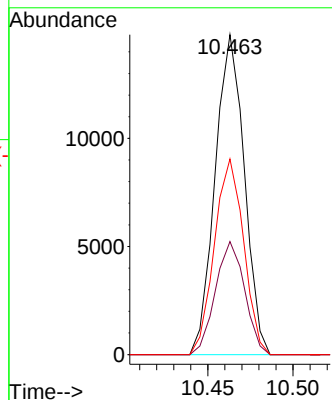
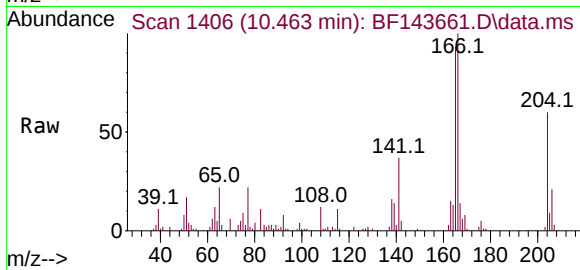
#61
4-Chlorophenyl-phenylether
Concen: 4.380 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:204 Resp: 17623
Ion Ratio Lower Upper
204 100
206 35.3 26.6 40.0
141 61.2 47.8 71.6

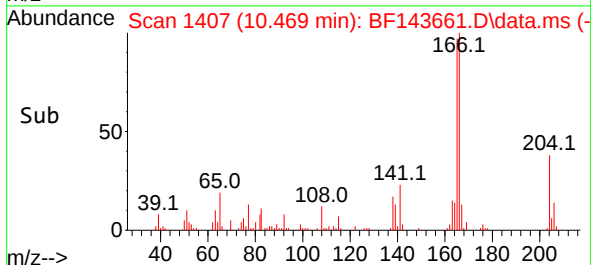
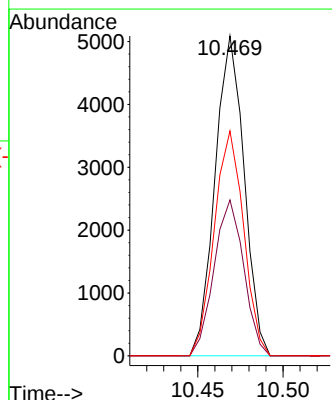
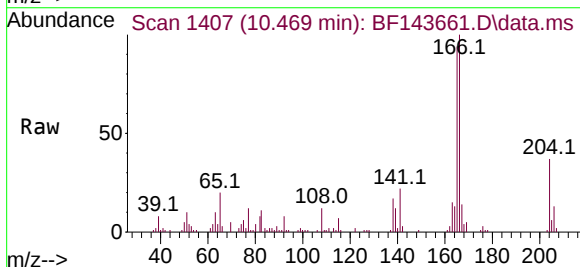
Manual Integrations
APPROVED

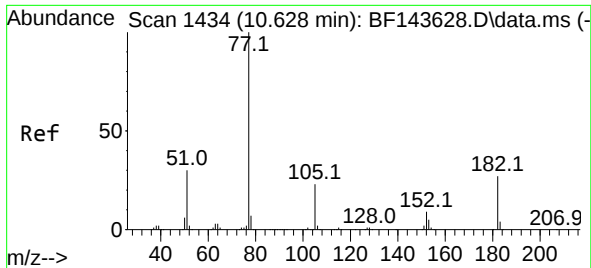
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 6.228 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.017 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

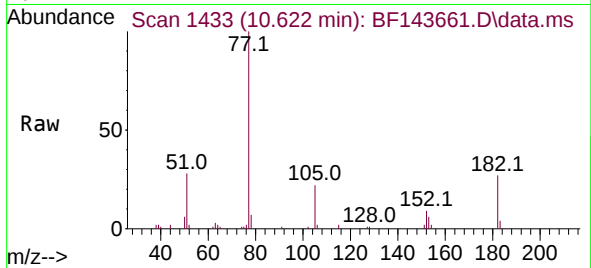
Tgt Ion:138 Resp: 6042
Ion Ratio Lower Upper
138 100
92 48.7 30.5 70.5
108 70.3 49.1 89.1





#63
Azobenzene
Concen: 4.180 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

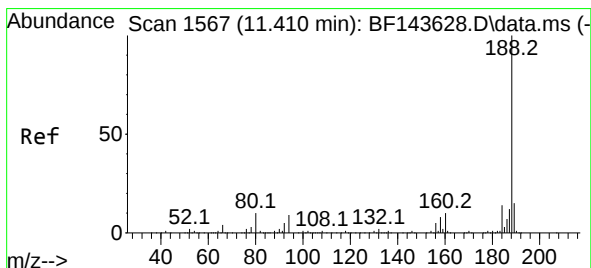
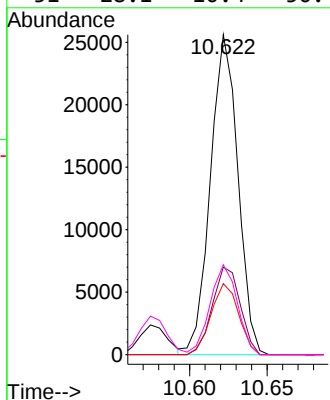
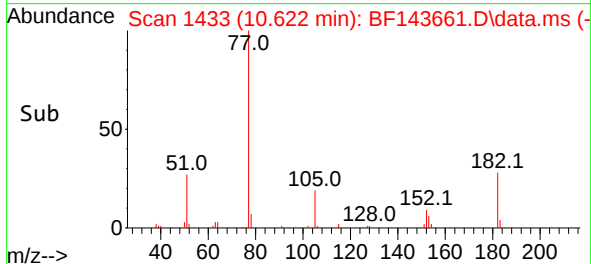
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



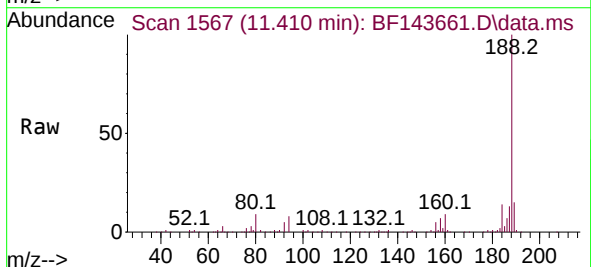
Tgt Ion:	77	Resp:	31679
Ion Ratio	100	Lower	Upper
77	100		
182	27.3	6.8	46.8
105	22.2	2.8	42.8
51	28.1	10.4	50.4

Manual Integrations
APPROVED

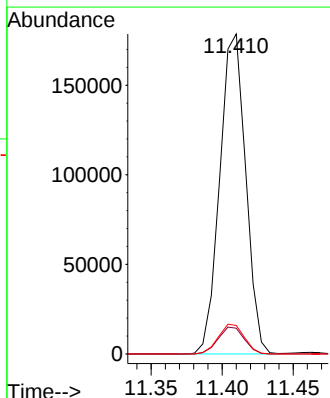
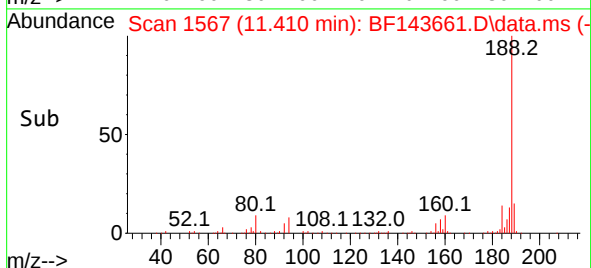
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

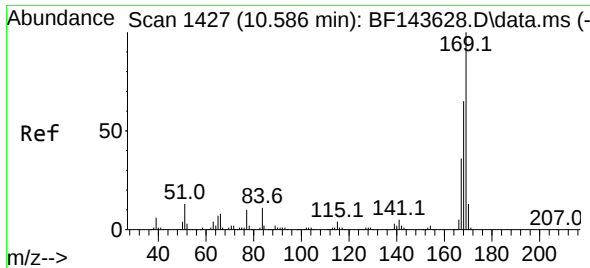


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



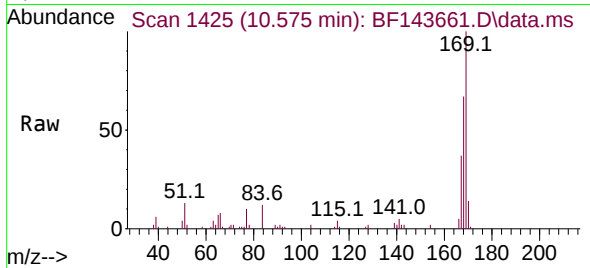
Tgt Ion:	188	Resp:	227435
Ion Ratio	100	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.9	8.4	12.6





#66
n-Nitrosodiphenylamine
Concen: 4.176 ng
RT: 10.575 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

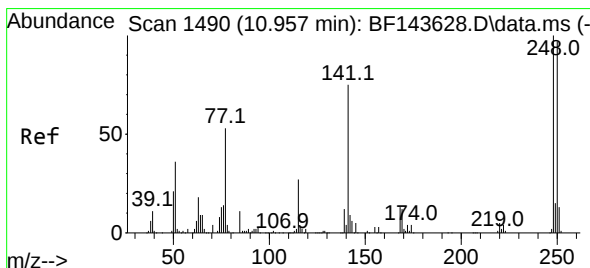
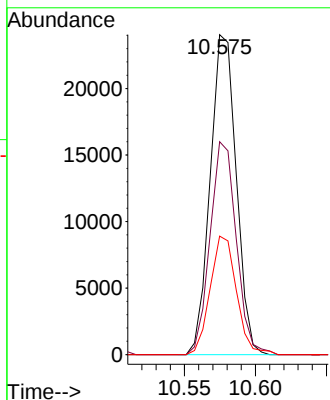
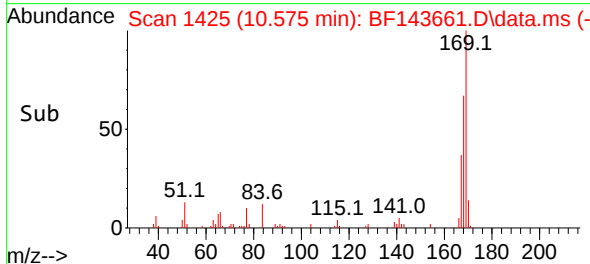
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



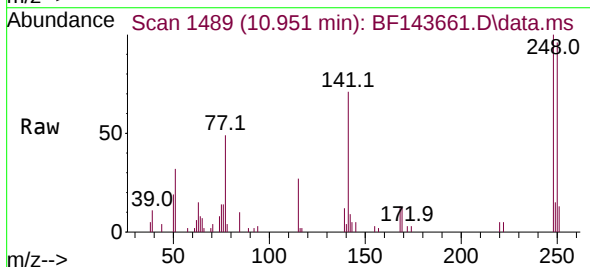
Tgt Ion:169 Resp: 30654
Ion Ratio Lower Upper
169 100
168 66.5 52.2 78.4
167 37.0 28.5 42.7

Manual Integrations
APPROVED

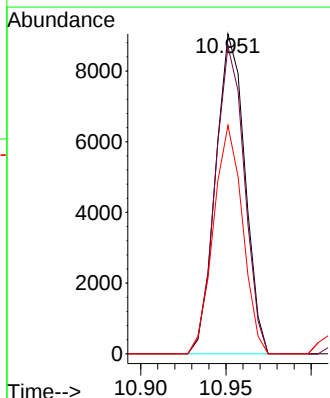
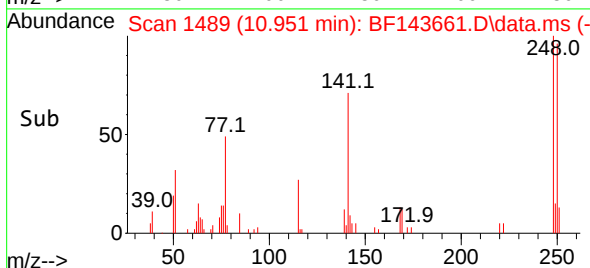
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

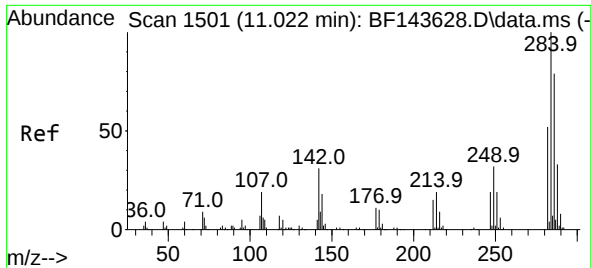


#67
4-Bromophenyl-phenylether
Concen: 4.111 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



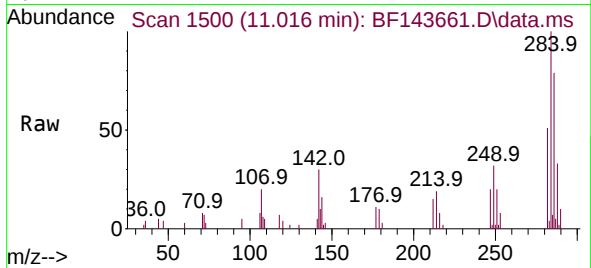
Tgt Ion:248 Resp: 10843
Ion Ratio Lower Upper
248 100
250 96.2 77.6 116.4
141 71.4 60.1 90.1





#68
Hexachlorobenzene
Concen: 3.968 ng
RT: 11.016 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

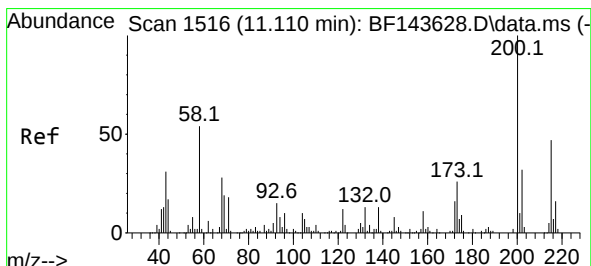
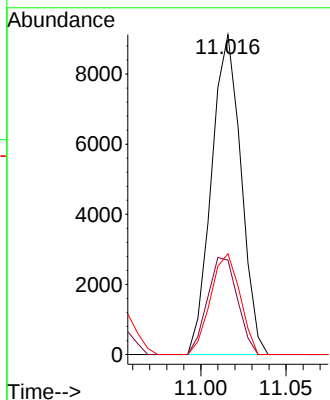
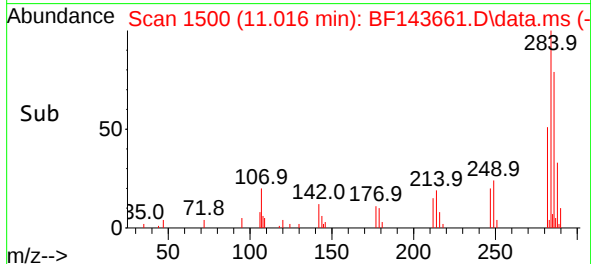
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



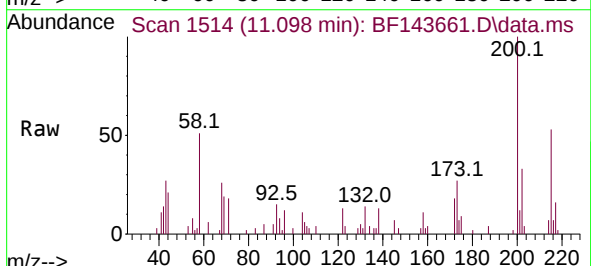
Tgt Ion:284 Resp: 10994
Ion Ratio Lower Upper
284 100
142 29.5 24.7 37.1
249 31.5 25.4 38.2

Manual Integrations
APPROVED

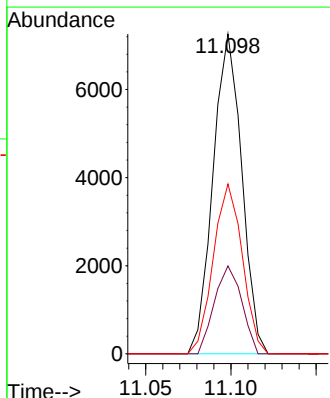
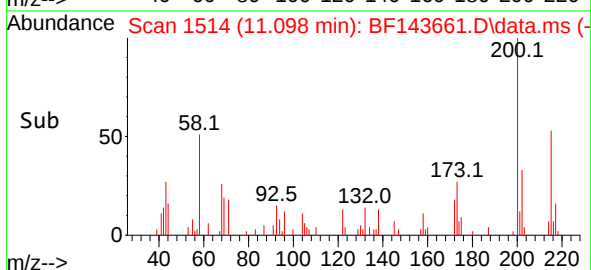
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

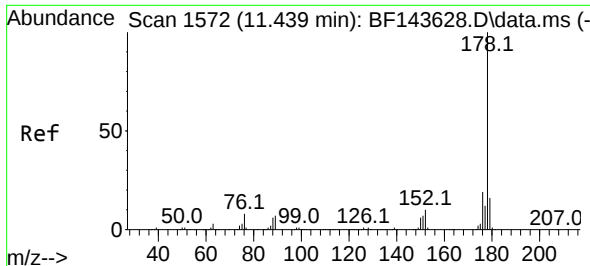


#69
Atrazine
Concen: 3.871 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



Tgt Ion:200 Resp: 8496
Ion Ratio Lower Upper
200 100
173 27.5 6.4 46.4
215 53.1 26.9 66.9





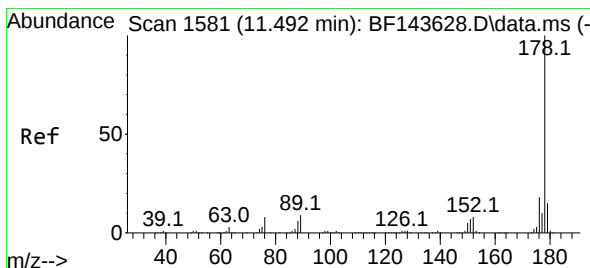
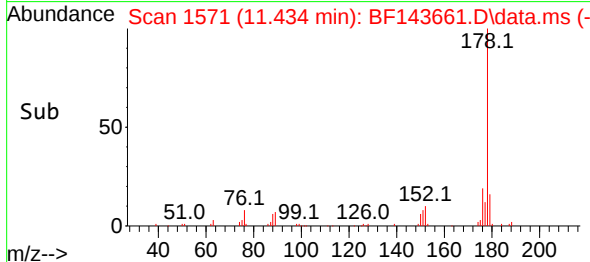
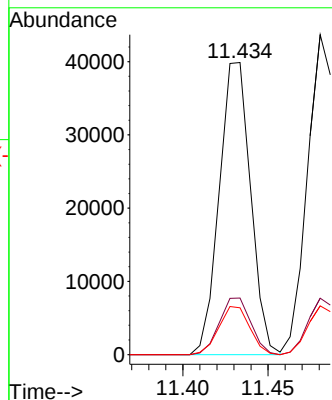
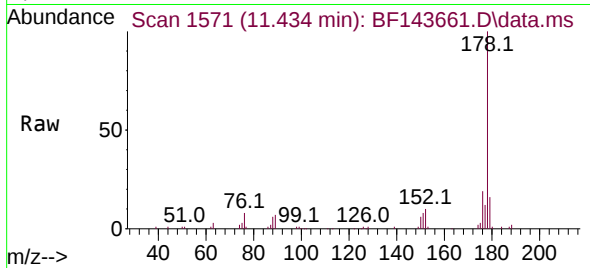
#71
Phenanthrene
Concen: 4.158 ng
RT: 11.434 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:178 Resp: 51133
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.4 18.6

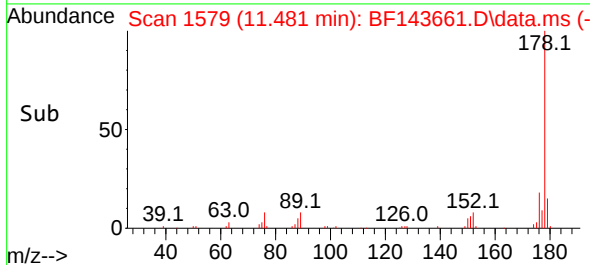
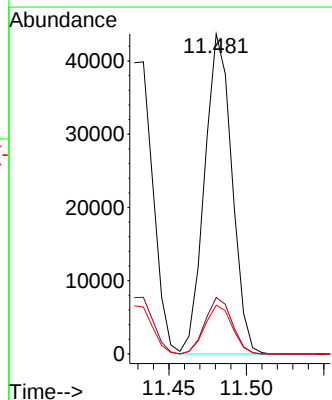
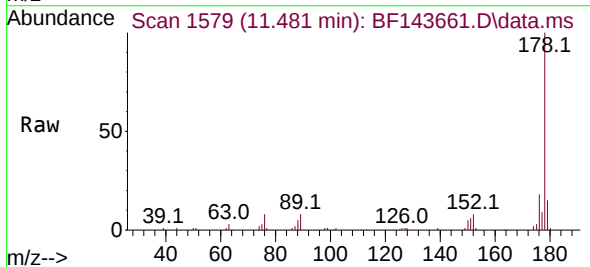
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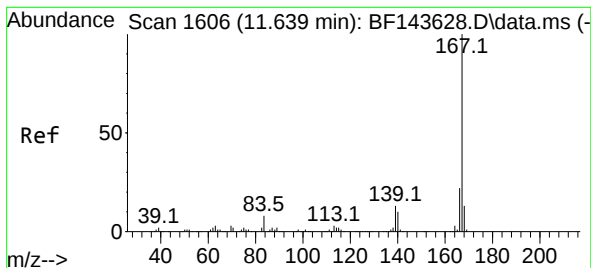
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 4.355 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:178 Resp: 53719
Ion Ratio Lower Upper
178 100
176 17.6 14.6 22.0
179 15.2 12.3 18.5





#73

Carbazole

Concen: 4.249 ng

RT: 11.633 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

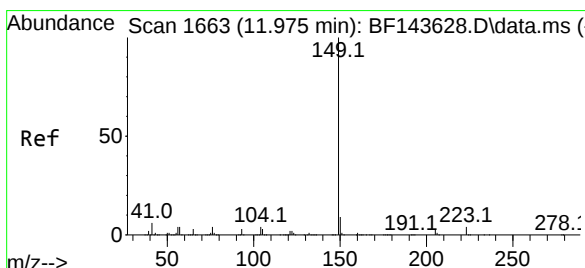
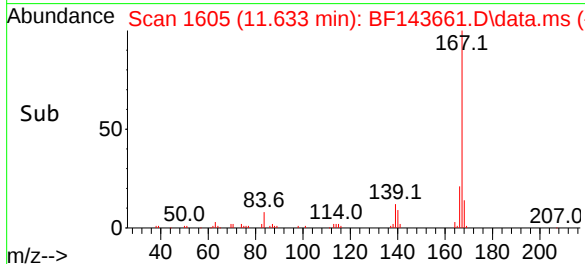
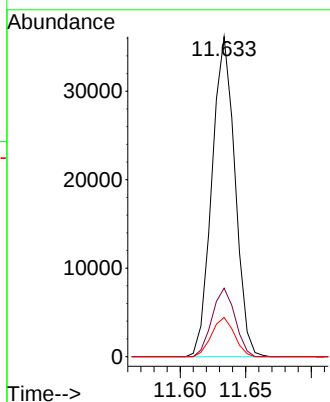
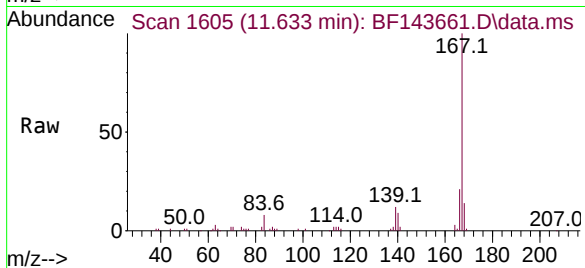
Tgt Ion:167	Resp:	44179
Ion Ratio	Lower	Upper
167	100	
166	21.4	17.3 25.9
139	12.2	10.3 15.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#74

Di-n-butylphthalate

Concen: 3.981 ng

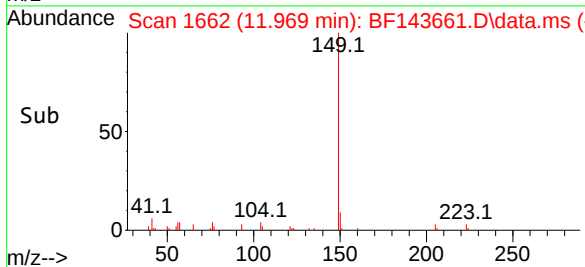
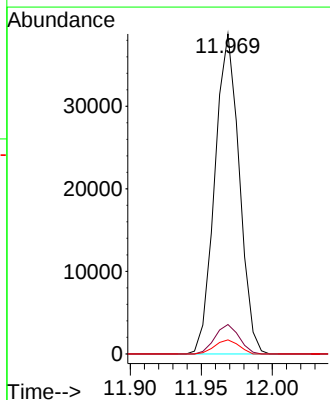
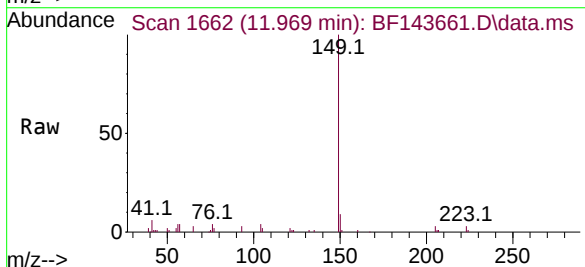
RT: 11.969 min Scan# 1662

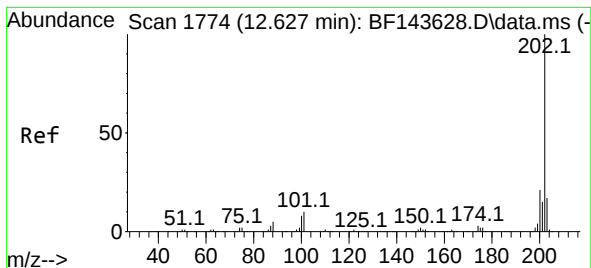
Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Tgt Ion:149	Resp:	46476
Ion Ratio	Lower	Upper
149	100	
150	9.2	7.4 11.0
104	4.4	3.5 5.3





#75

Fluoranthene

Concen: 4.246 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

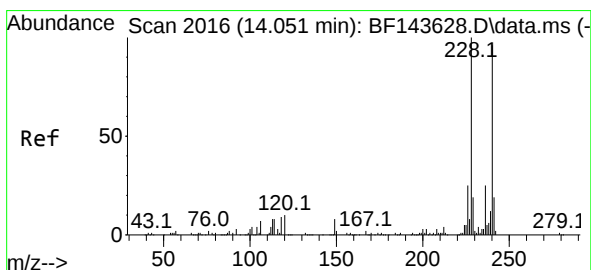
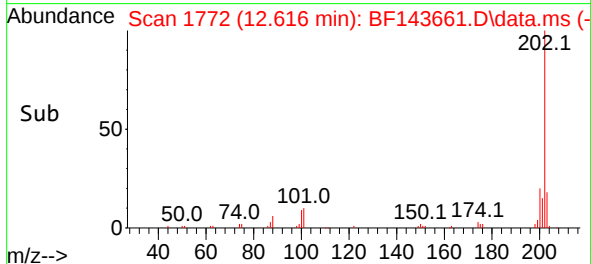
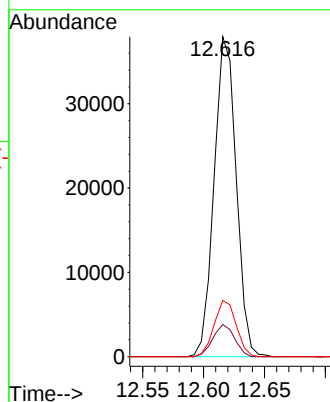
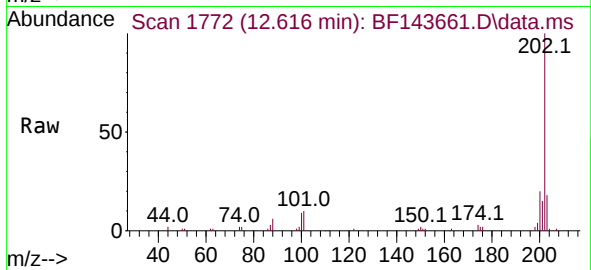
Tgt Ion:	202	Resp:	4796
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.3
203	17.5	0.0	37.3

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#76

Chrysene-d12

Concen: 20.000 ng

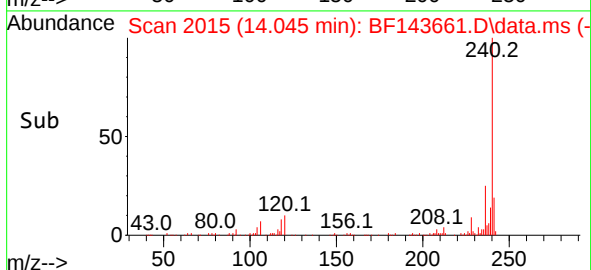
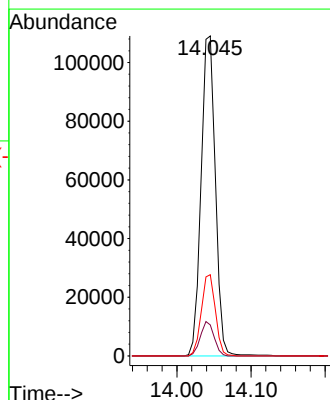
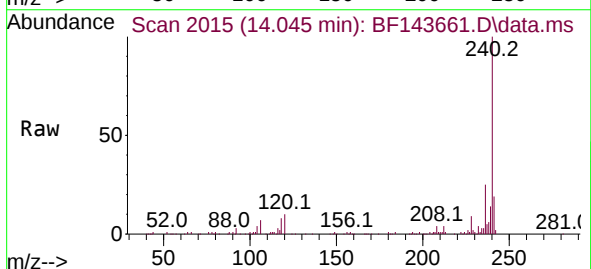
RT: 14.045 min Scan# 2015

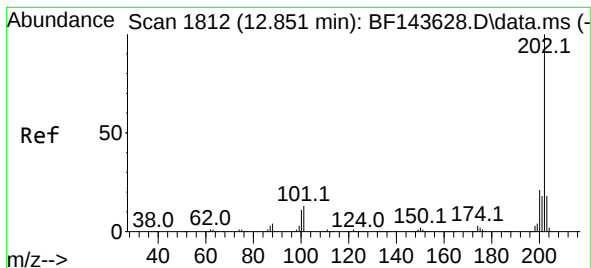
Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Tgt Ion:	240	Resp:	146015
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.0	12.0
236	25.4	20.5	30.7





#78

Pyrene

Concen: 3.982 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

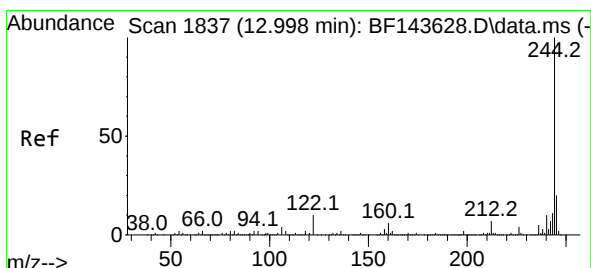
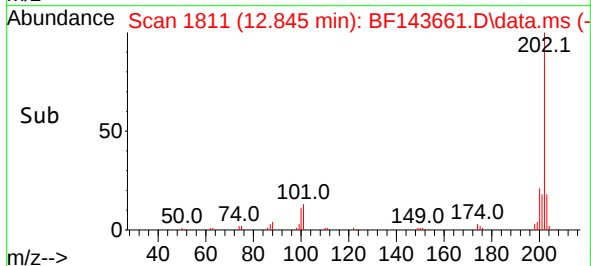
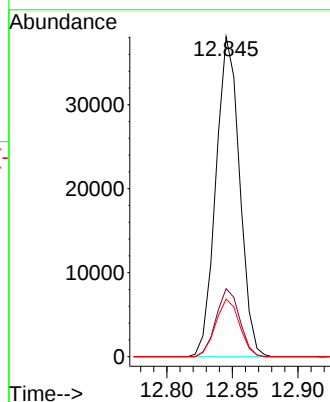
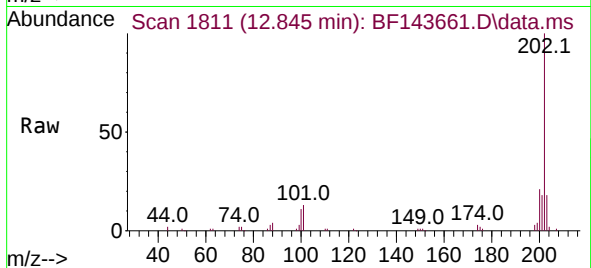
Tgt Ion:202 Resp: 47982
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 18.0 14.0 21.0

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#79

Terphenyl-d14

Concen: 82.901 ng

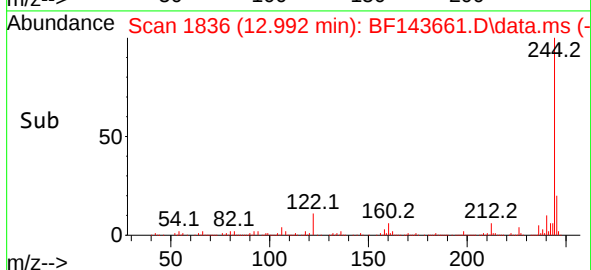
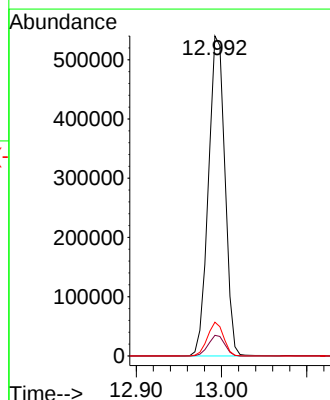
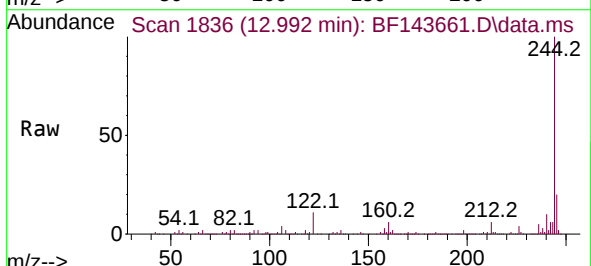
RT: 12.992 min Scan# 1836

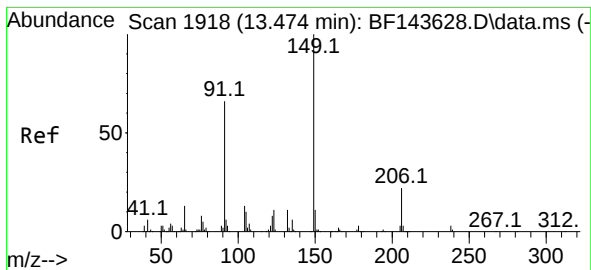
Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Tgt Ion:244 Resp: 726482
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.5 8.3 12.5





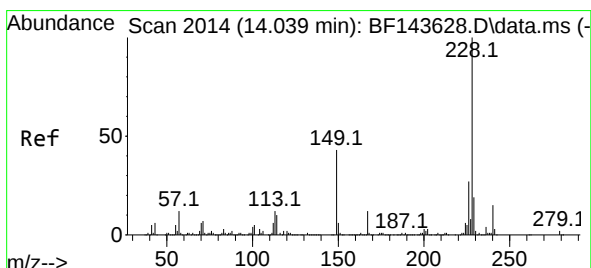
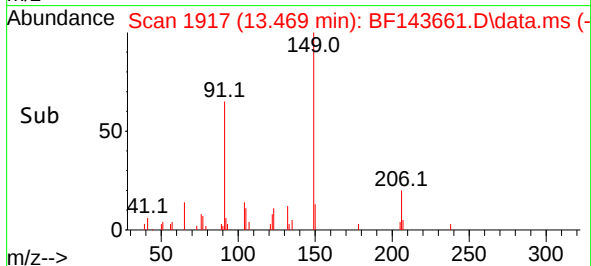
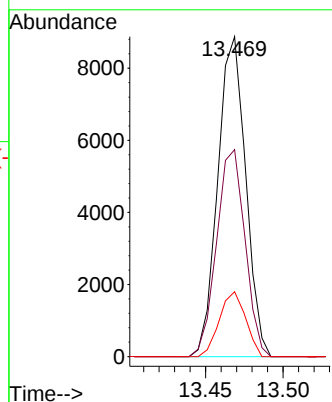
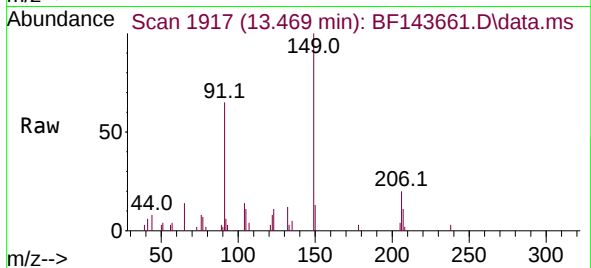
#80
Butylbenzylphthalate
Concen: 5.995 ng
RT: 13.469 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025

Tgt Ion:	149	Resp:	1111
Ion Ratio	Lower	Upper	
149	100		
91	64.7	53.0	79.4
206	20.3	17.4	26.2

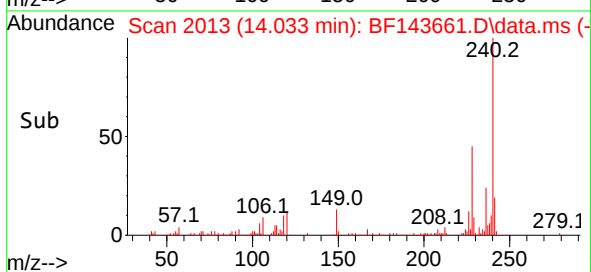
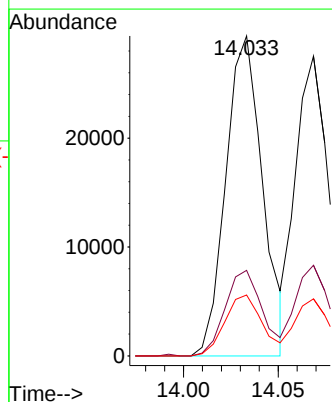
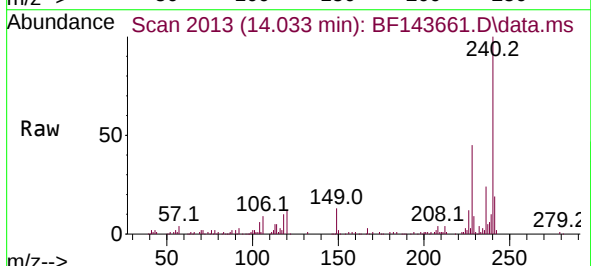
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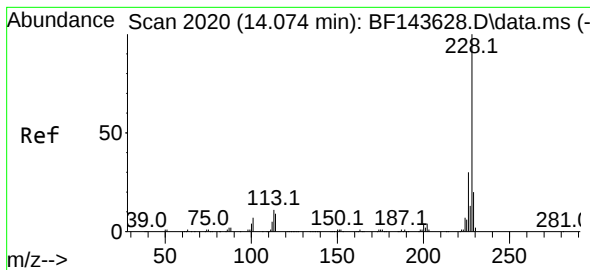
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#81
Benzo(a)anthracene
Concen: 4.201 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

Tgt Ion:	228	Resp:	39734
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.4	32.2
229	19.0	15.5	23.3





#83

Chrysene

Concen: 3.963 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

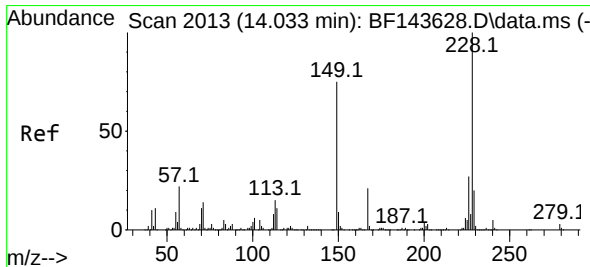
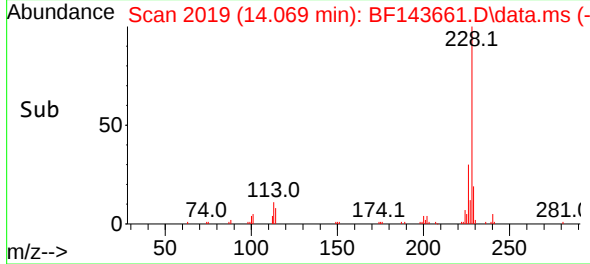
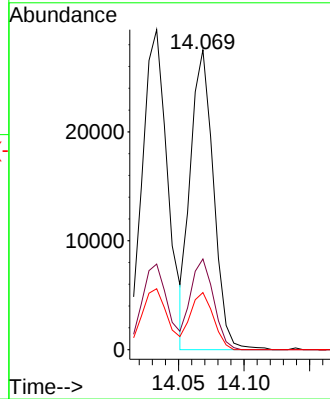
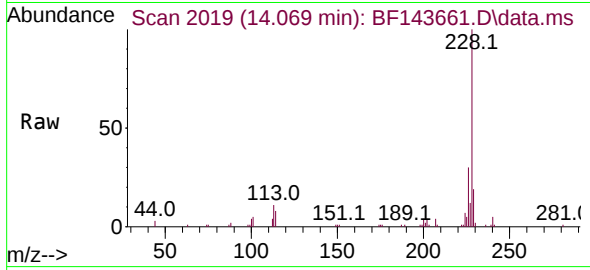
Tgt Ion:228	Resp: 3369
Ion Ratio	Lower Upper
228 100	
226 30.2	23.8 35.6
229 19.0	15.8 23.6

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Reviewed By :Rahul Chavli 09/09/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.577 ng

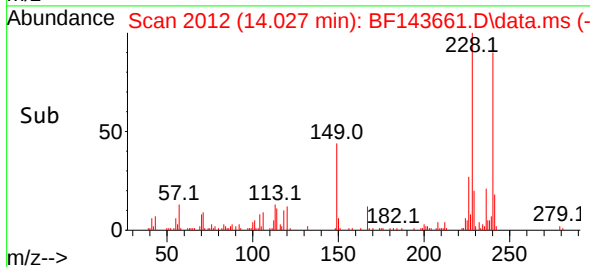
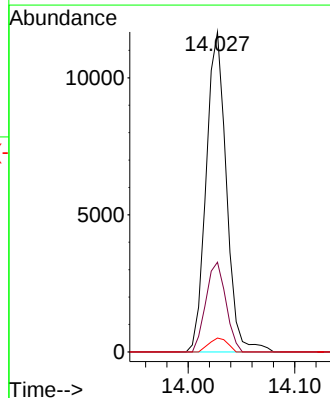
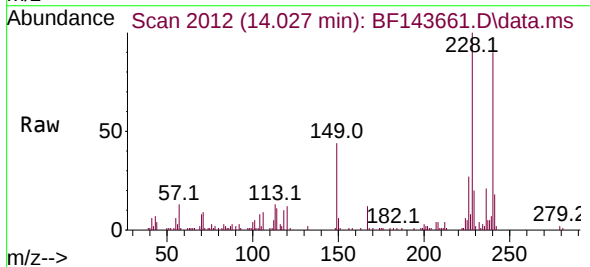
RT: 14.027 min Scan# 2012

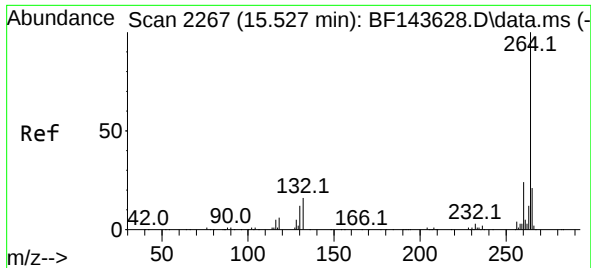
Delta R.T. -0.006 min

Lab File: BF143661.D

Acq: 08 Sep 2025 10:19

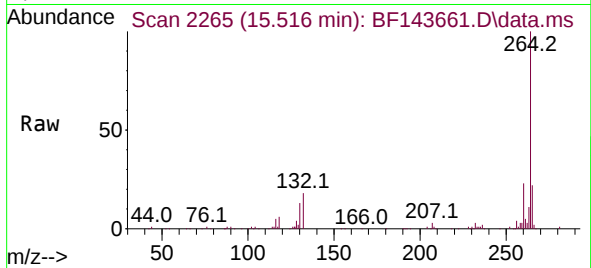
Tgt Ion:149	Resp: 15365
Ion Ratio	Lower Upper
149 100	
167 28.0	22.1 33.1
279 4.4	3.4 5.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

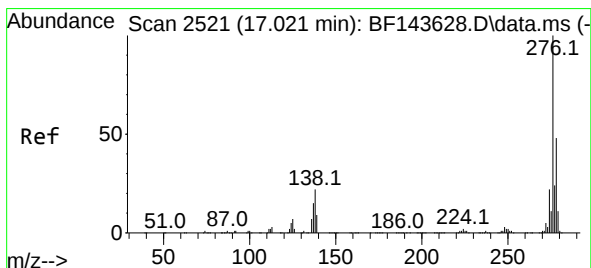
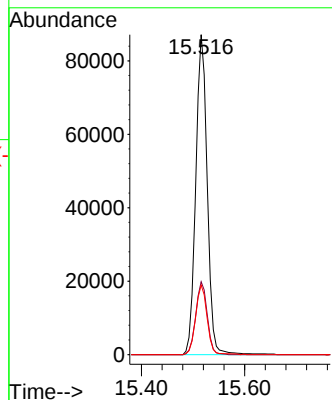
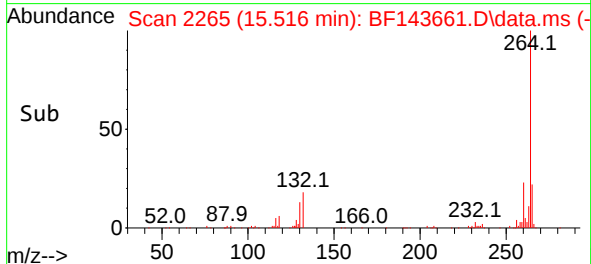
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



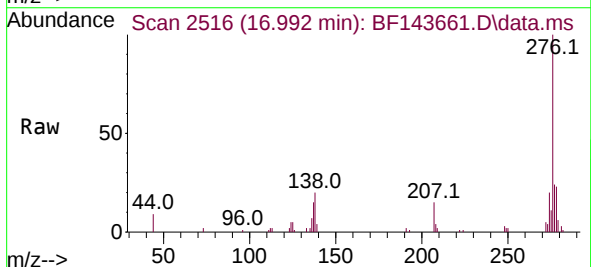
Tgt Ion:264 Resp: 13414
Ion Ratio Lower Upper
264 100
260 22.8 18.9 28.3
265 21.7 17.1 25.7

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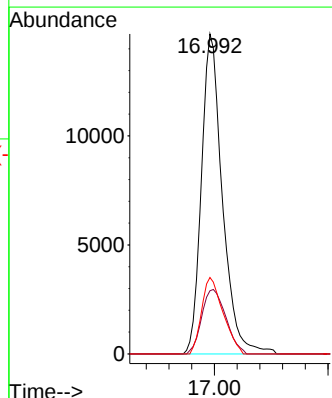
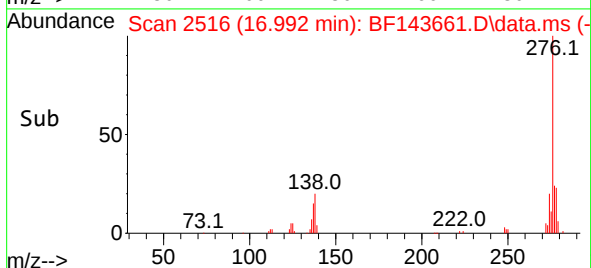
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

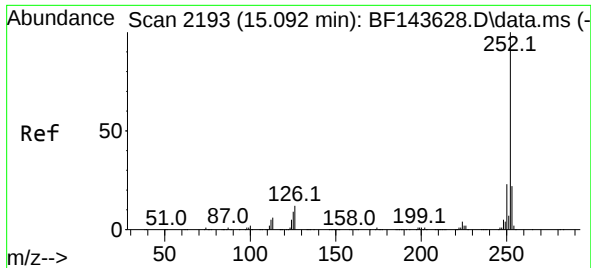


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.017 ng
RT: 16.992 min Scan# 2516
Delta R.T. -0.029 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



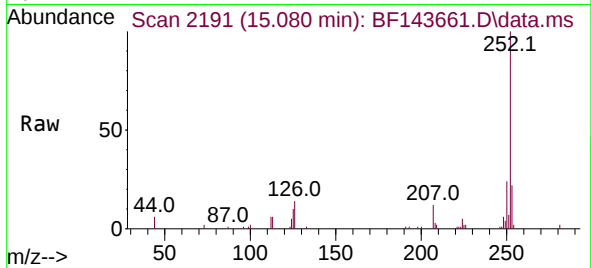
Tgt Ion:276 Resp: 37568
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 24.4 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 3.508 ng
RT: 15.080 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

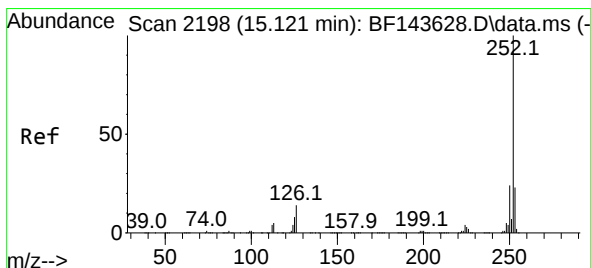
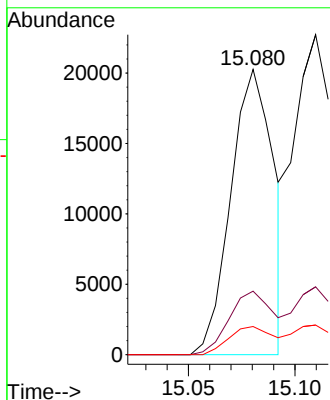
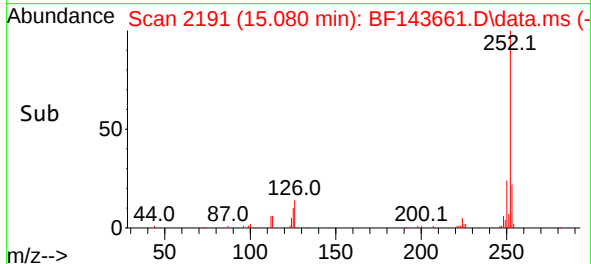
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion:252 Resp: 2835
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.9 7.4 11.2

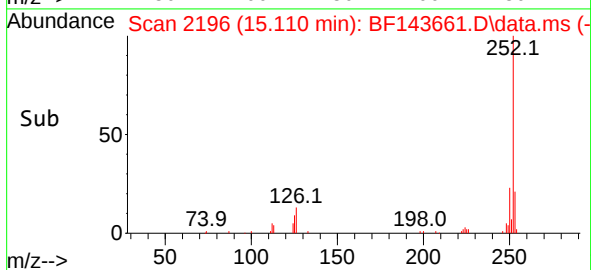
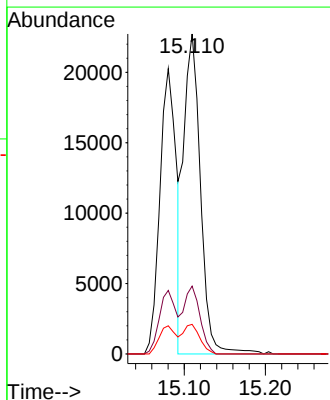
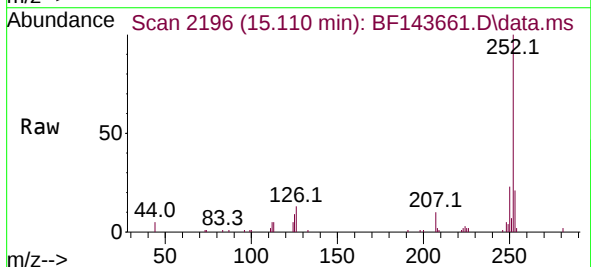
Manual Integrations
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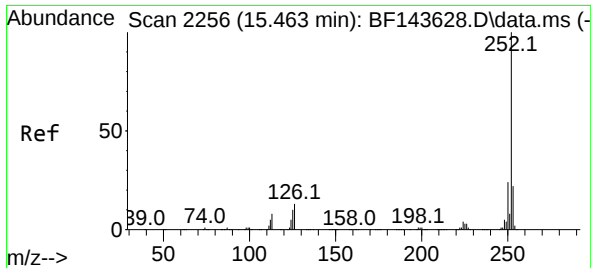
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#89
Benzo(k)fluoranthene
Concen: 4.677 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

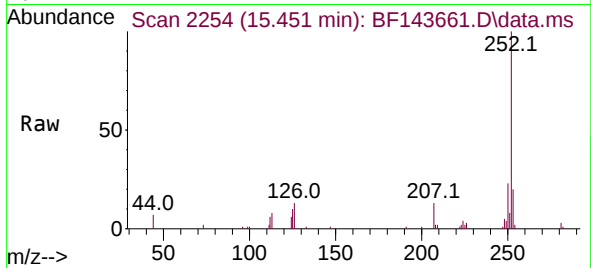
Tgt Ion:252 Resp: 32690
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 9.2 7.3 10.9





#90
Benzo(a)pyrene
Concen: 4.159 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19

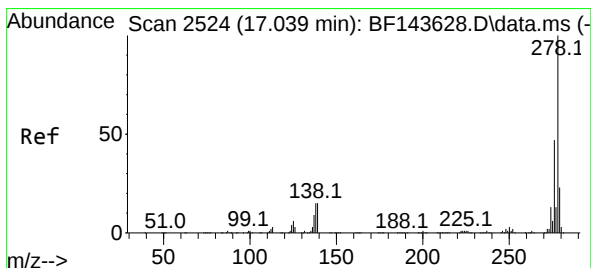
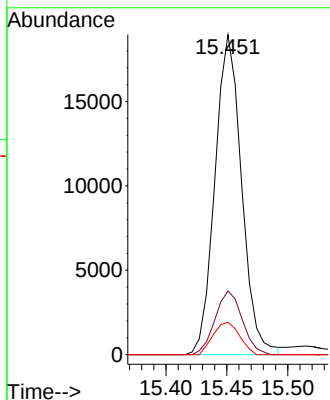
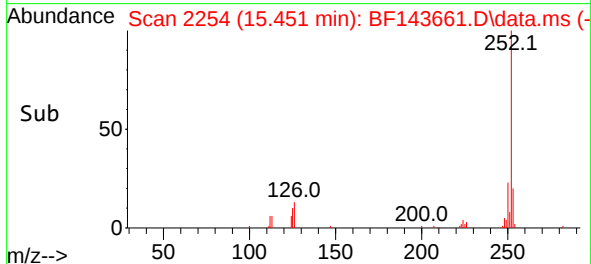
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



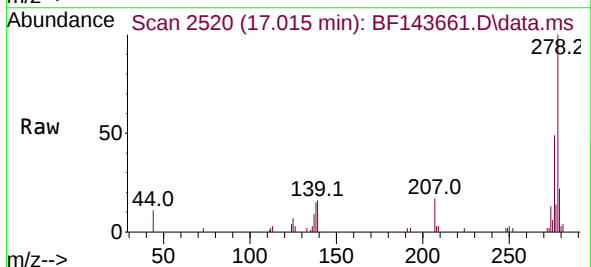
Tgt Ion:252 Resp: 28892
Ion Ratio Lower Upper
252 100
253 19.9 17.4 26.2
125 10.1 8.3 12.5

Manual Integrations
APPROVED

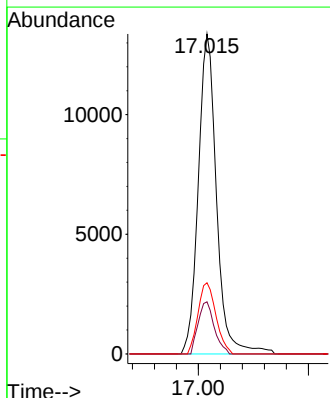
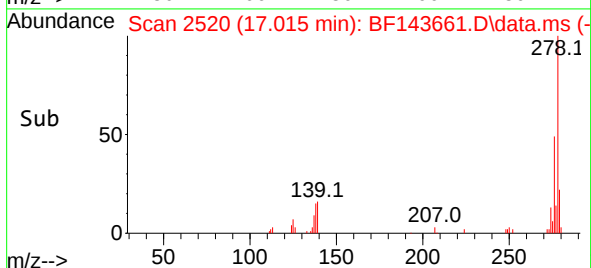
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/12/2025

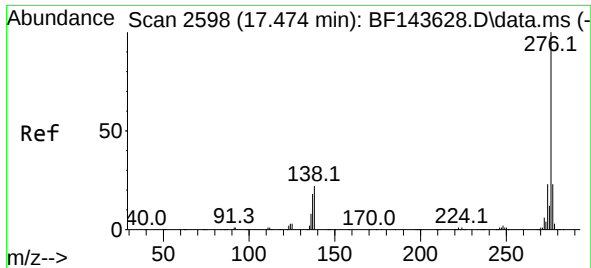


#91
Dibenzo(a,h)anthracene
Concen: 3.994 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.023 min
Lab File: BF143661.D
Acq: 08 Sep 2025 10:19



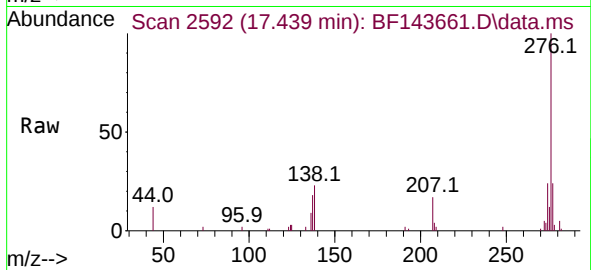
Tgt Ion:278 Resp: 30718
Ion Ratio Lower Upper
278 100
139 16.3 12.4 18.6
279 22.2 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 4.002 ng
 RT: 17.439 min Scan# 2592
 Delta R.T. -0.035 min
 Lab File: BF143661.D
 Acq: 08 Sep 2025 10:19

Instrument : BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



Tgt Ion:	276	Resp:	29649
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.7	28.1
138	22.6	17.2	25.8

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