

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143639.D
 Acq On : 04 Sep 2025 12:46
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 13:17:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70586	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	272791	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	154726	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	253081	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168907	20.000	ng	0.00
86) Perylene-d12	15.521	264	153590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	505828	126.952	ng	0.00
7) Phenol-d6	6.510	99	636886	128.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	388113	99.996	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	186601	144.221	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	848082	87.570	ng	0.00
79) Terphenyl-d14	12.998	244	876410	86.456	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	8997	4.786	ng	94
3) Pyridine	3.481	79	21113	4.239	ng	92
6) Aniline	6.551	93	33559	4.875	ng	98
8) 2-Chlorophenol	6.675	128	21071	5.107	ng	91
10) Phenol	6.522	94	26564	4.900	ng	# 72
11) bis(2-Chloroethyl)ether	6.622	93	20078	4.728	ng	98
12) 1,3-Dichlorobenzene	6.833	146	24811	4.872	ng	98
13) 1,4-Dichlorobenzene	6.910	146	25103	4.915	ng	97
14) 1,2-Dichlorobenzene	7.057	146	23723	4.908	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29623	4.433	ng	98
17) 2-Methylphenol	7.128	107	16972	4.704	ng	100
18) Hexachloroethane	7.404	117	7555	4.741	ng	98
22) Acetophenone	7.292	105	30864	5.003	ng	# 96
24) Nitrobenzene	7.469	77	21769	5.246	ng	97
25) Isophorone	7.704	82	40337	4.612	ng	99
26) 2-Nitrophenol	7.781	139	6910	7.506	ng	94
27) 2,4-Dimethylphenol	7.810	122	19761	5.189	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	25698	4.806	ng	98
29) 2,4-Dichlorophenol	8.016	162	17202	4.604	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	20090	4.933	ng	97
31) Naphthalene	8.192	128	64658	4.846	ng	99
33) 4-Chloroaniline	8.233	127	24426	5.287	ng	99
34) Hexachlorobutadiene	8.310	225	12115	4.574	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	17529	4.480	ng	96
37) 2-Methylnaphthalene	8.880	142	39119	4.334	ng	100
38) 1-Methylnaphthalene	8.980	142	41518	4.811	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	21362	4.996	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	12113	4.598	ng	96
44) 2,4,5-Trichlorophenol	9.186	196	13619	5.007	ng	98
46) 1,1'-Biphenyl	9.345	154	54673	4.968	ng	99
47) 2-Chloronaphthalene	9.369	162	42406	4.924	ng	98
48) 2-Nitroaniline	9.457	65	8995	6.771	ng	95
49) Acenaphthylene	9.786	152	66817	5.384	ng	99
50) Dimethylphthalate	9.639	163	47611	4.860	ng	99
51) 2,6-Dinitrotoluene	9.698	165	7994m	7.922	ng	
52) Acenaphthene	9.957	154	39635	4.774	ng	99

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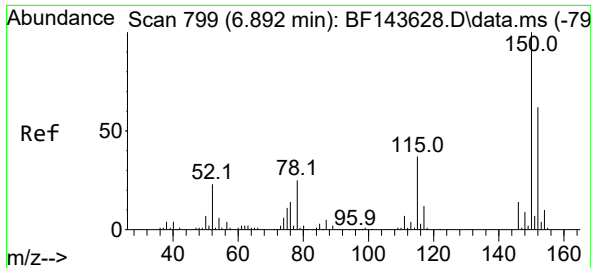
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

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

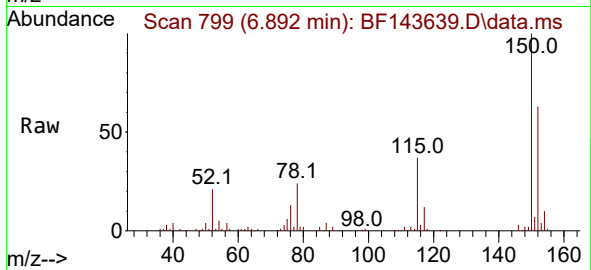
53) 3-Nitroaniline	9.869	138	8508	7.056	ng	98
55) Dibenzofuran	10.127	168	59218	4.910	ng	99
57) 2,4-Dinitrotoluene	10.098	165	8718	7.191	ng	97
58) Fluorene	10.474	166	46591	4.994	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	10340	5.006	ng	# 98
60) Diethylphthalate	10.339	149	44048	4.736	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	22630	4.861	ng	98
62) 4-Nitroaniline	10.474	138	7529	6.492	ng	97
63) Azobenzene	10.627	77	42197	4.813	ng	98
66) n-Nitrosodiphenylamine	10.580	169	40489	4.957	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	13399	4.565	ng	99
68) Hexachlorobenzene	11.016	284	14765	4.789	ng	99
69) Atrazine	11.104	200	10784	4.416	ng	99
71) Phenanthrene	11.433	178	67846	4.958	ng	99
72) Anthracene	11.486	178	65364	4.762	ng	99
73) Carbazole	11.633	167	55549	4.802	ng	99
74) Di-n-butylphthalate	11.974	149	57215	4.405	ng	99
75) Fluoranthene	12.621	202	60889	4.845	ng	99
78) Pyrene	12.851	202	61064	4.381	ng	99
80) Butylbenzylphthalate	13.468	149	14129	6.262	ng	99
81) Benzo(a)anthracene	14.033	228	51770	4.732	ng	97
83) Chrysene	14.074	228	42999	4.372	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	21422	6.127	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	46873	4.378	ng	99
88) Benzo(b)fluoranthene	15.086	252	37881	4.094	ng	99
89) Benzo(k)fluoranthene	15.115	252	40382	5.046	ng	99
90) Benzo(a)pyrene	15.456	252	36325	4.567	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	38209	4.339	ng	97
92) Benzo(g,h,i)perylene	17.450	276	37146	4.379	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143639.D
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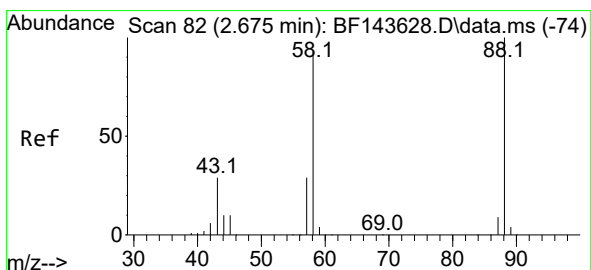
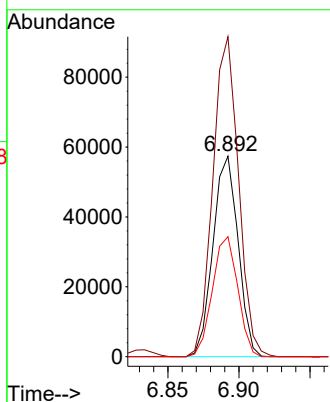
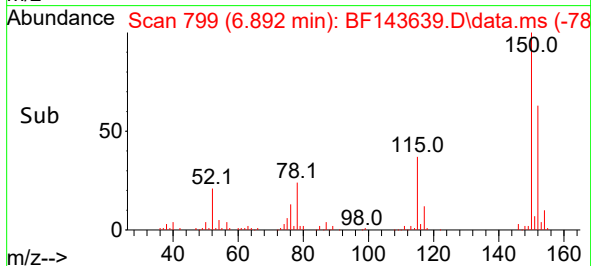
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:152 Resp: 70580
Ion Ratio Lower Upper
152 100
150 159.6 128.4 192.6
115 59.8 47.9 71.9

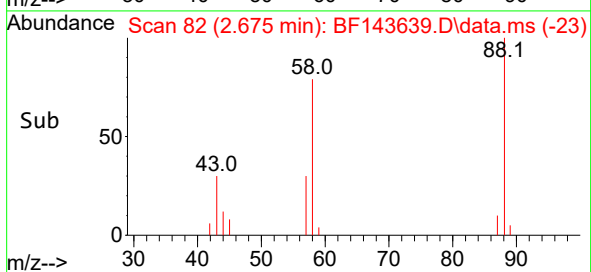
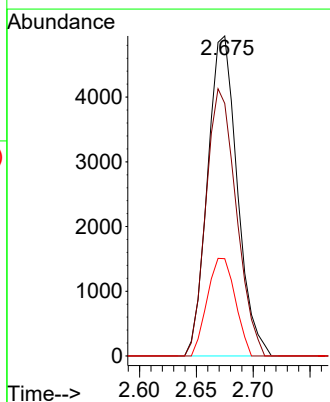
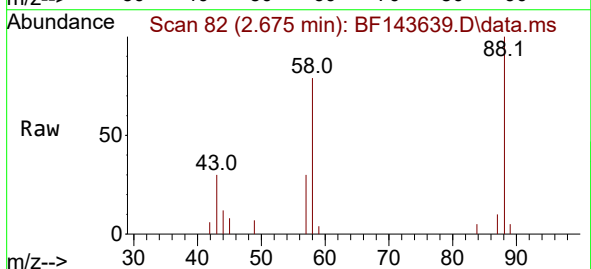
Manual Integrations
APPROVED

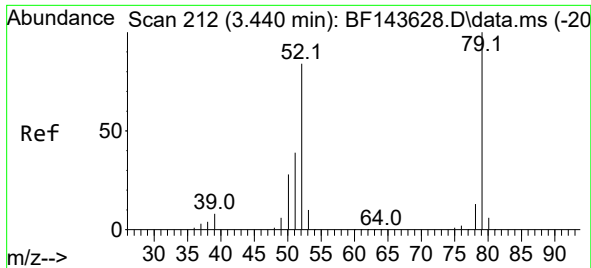
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#2
1,4-Dioxane
Concen: 4.786 ng
RT: 2.675 min Scan# 82
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

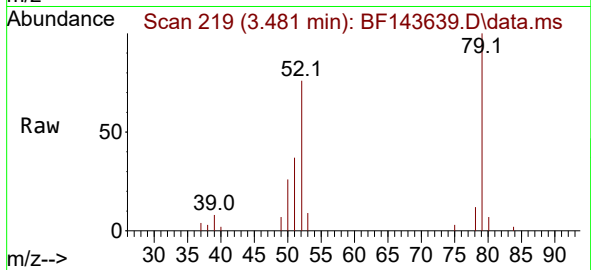
Tgt Ion: 88 Resp: 8997
Ion Ratio Lower Upper
88 100
58 85.1 73.9 110.9
43 28.7 23.4 35.2





#3
Pyridine
Concen: 4.239 ng
RT: 3.481 min Scan# 212
Delta R.T. 0.041 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

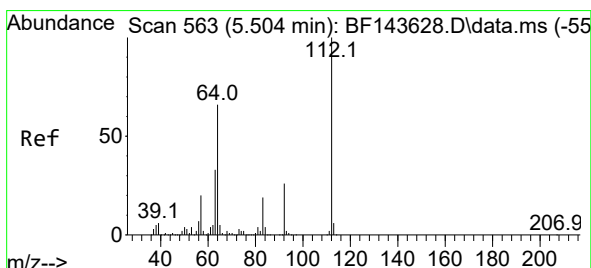
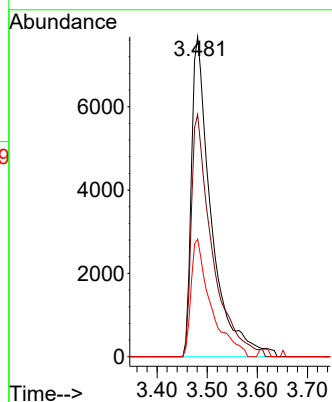
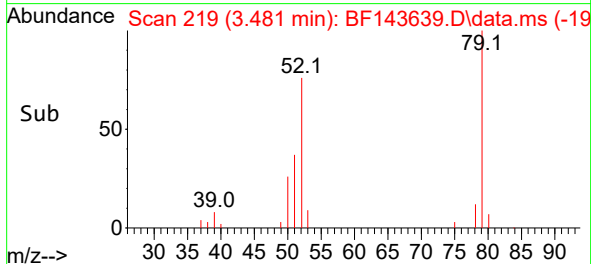
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 79 Resp: 2111
Ion Ratio Lower Upper
79 100
52 75.7 67.4 101.2
51 36.8 31.0 46.6

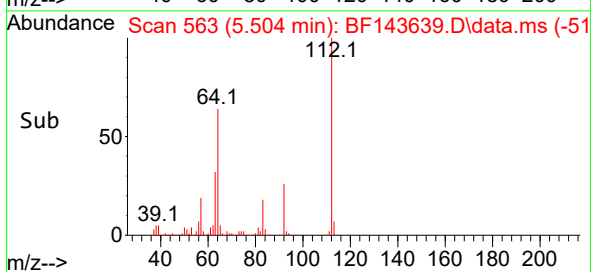
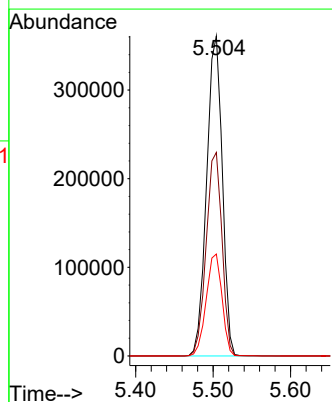
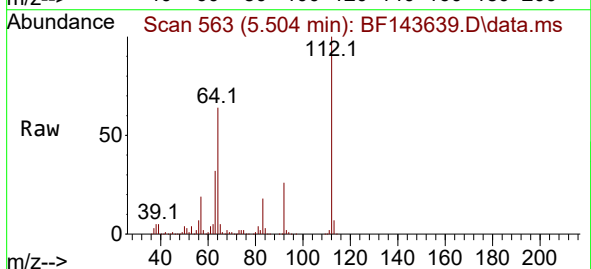
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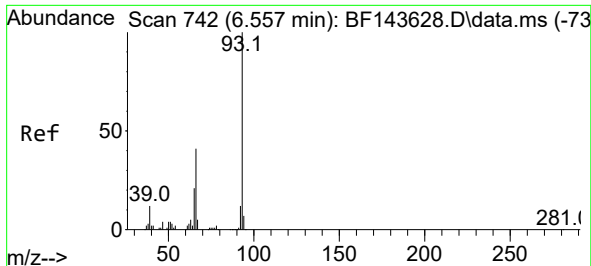
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#5
2-Fluorophenol
Concen: 126.952 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

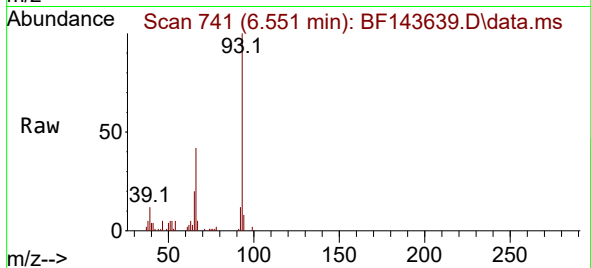
Tgt Ion:112 Resp: 505828
Ion Ratio Lower Upper
112 100
64 63.6 52.7 79.1
63 31.9 26.5 39.7





#6
Aniline
Concen: 4.875 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

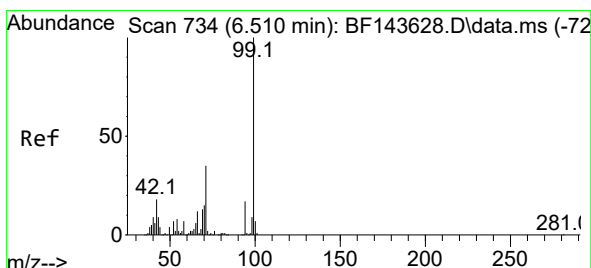
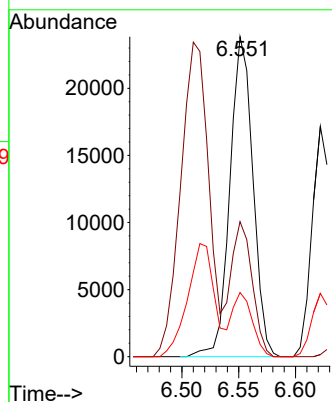
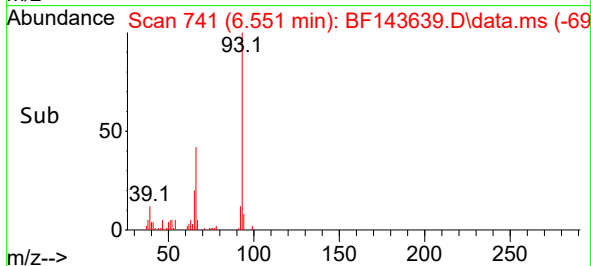
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



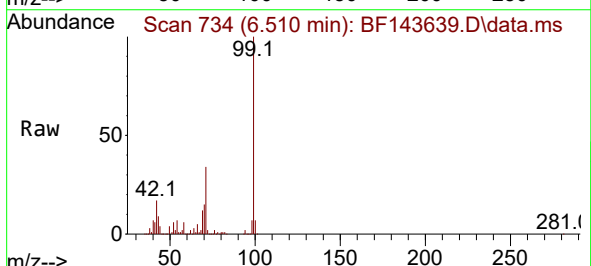
Tgt Ion: 93 Resp: 3355
Ion Ratio Lower Upper
93 100
66 42.2 34.6 51.8
65 20.0 16.9 25.3

Manual Integrations
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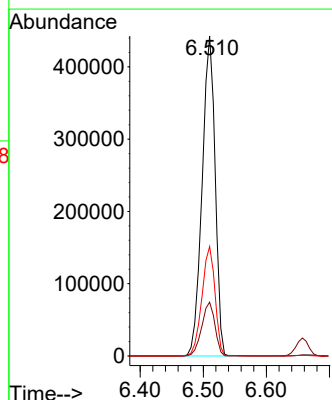
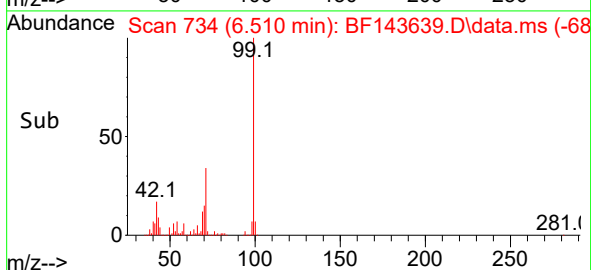
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

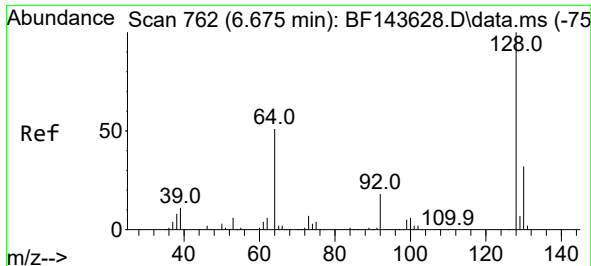


#7
Phenol-d6
Concen: 128.788 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



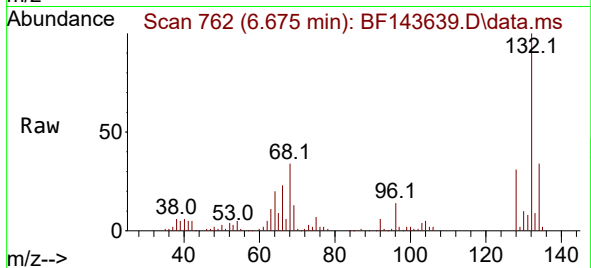
Tgt Ion: 99 Resp: 636886
Ion Ratio Lower Upper
99 100
42 16.8 14.6 22.0
71 34.2 28.0 42.0





#8
2-Chlorophenol
Concen: 5.107 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

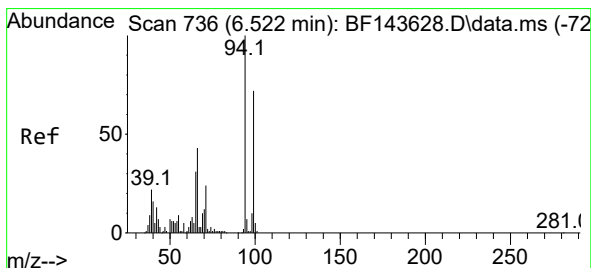
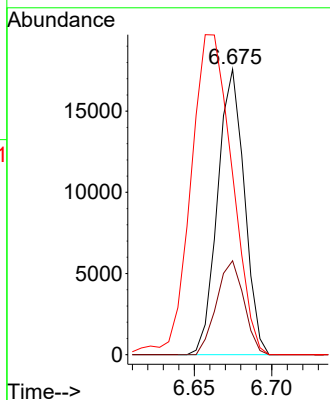
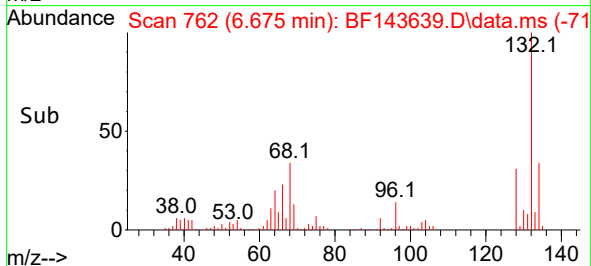
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



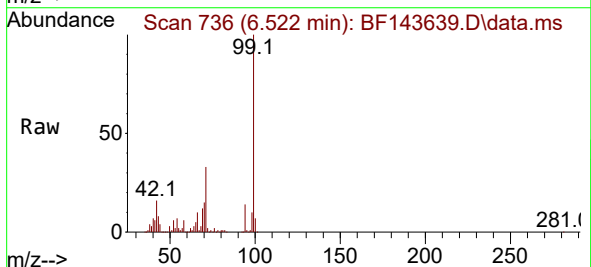
Tgt Ion:128 Resp: 2107
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 63.3 32.9 72.9

Manual Integrations
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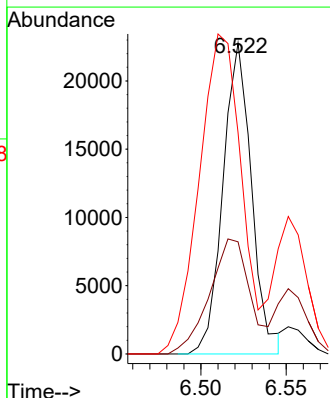
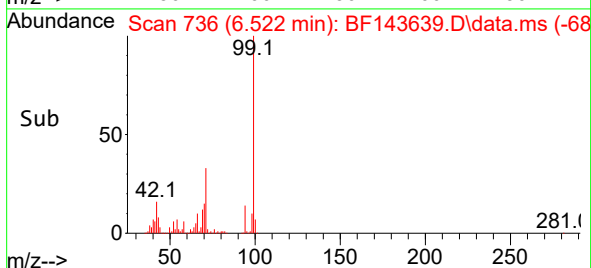
Reviewed By :Rahul Chavli 09/05/2025
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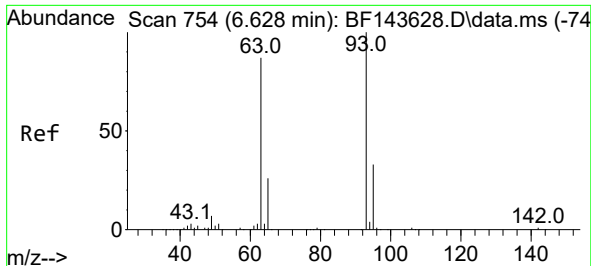


#10
Phenol
Concen: 4.900 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



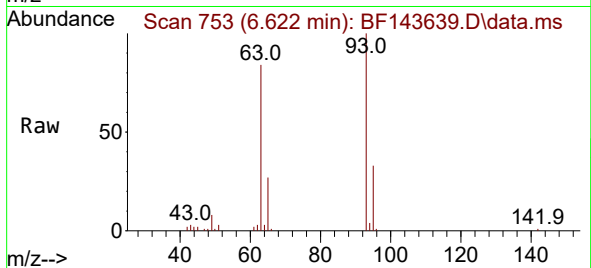
Tgt Ion: 94 Resp: 26564
Ion Ratio Lower Upper
94 100
65 36.0 11.4 51.4
66 71.2 23.7 63.7#





#11
bis(2-Chloroethyl)ether
Concen: 4.728 ng
RT: 6.622 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

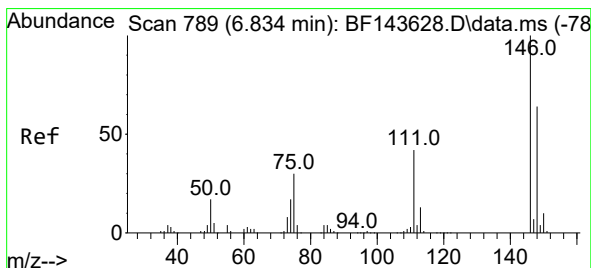
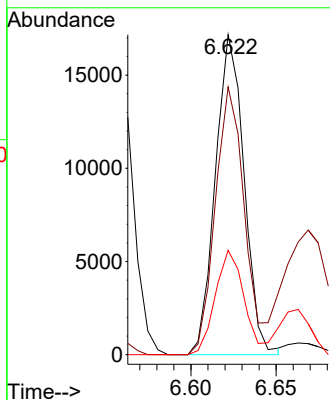
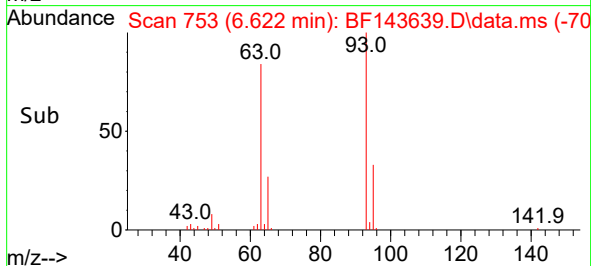
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



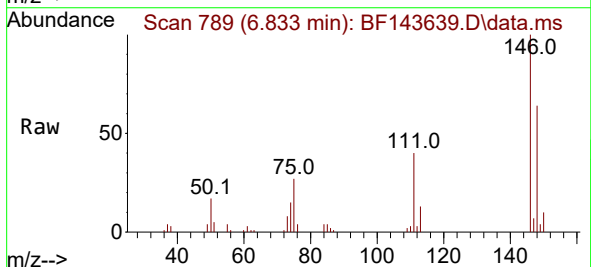
Tgt Ion: 93 Resp: 20078
Ion Ratio Lower Upper
93 100
63 83.6 66.5 106.5
95 32.6 12.7 52.7

Manual Integrations
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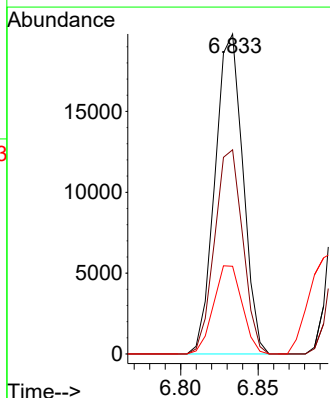
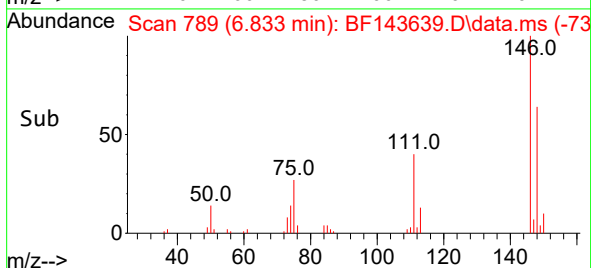
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

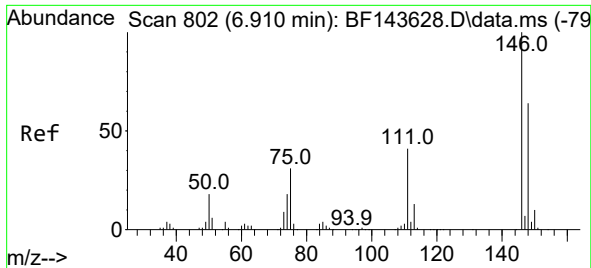


#12
1,3-Dichlorobenzene
Concen: 4.872 ng
RT: 6.833 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



Tgt Ion:146 Resp: 24811
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 27.4 24.2 36.2





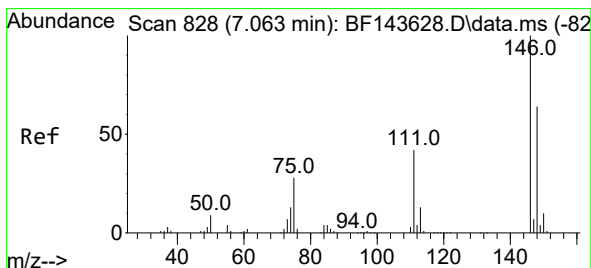
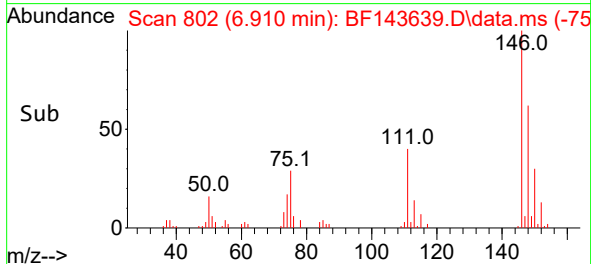
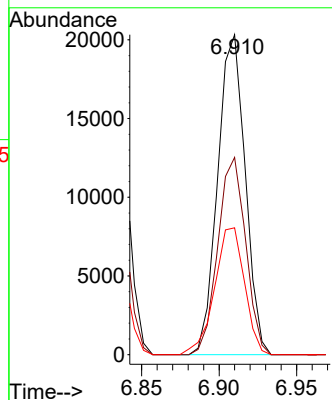
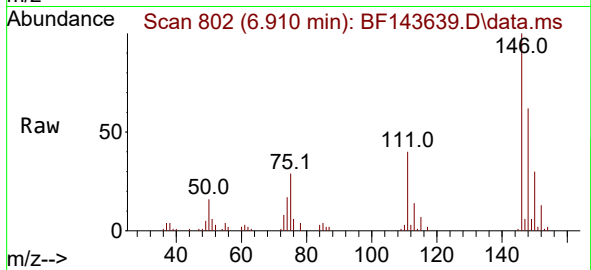
#13
1,4-Dichlorobenzene
Concen: 4.915 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

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

Tgt Ion:146 Resp: 2510
Ion Ratio Lower Upper
146 100
148 61.7 51.4 77.2
111 39.6 33.1 49.7

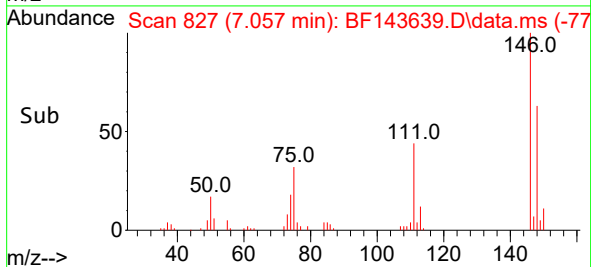
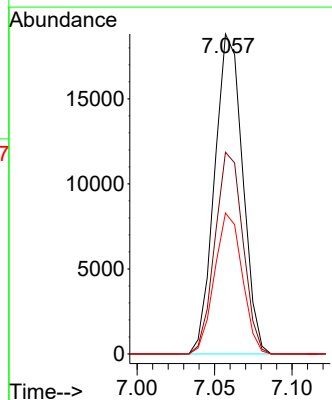
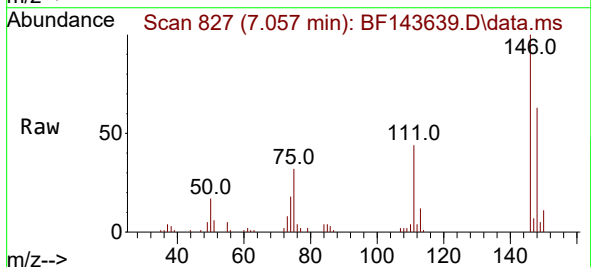
Manual Integrations
APPROVED

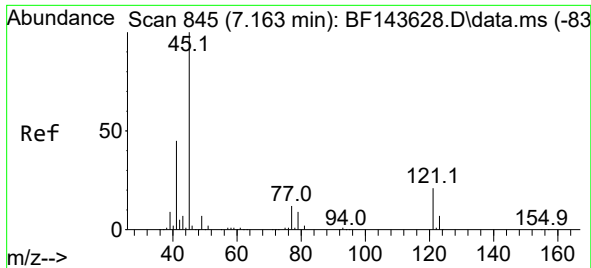
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#14
1,2-Dichlorobenzene
Concen: 4.908 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

Tgt Ion:146 Resp: 23723
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 44.0 33.9 50.9





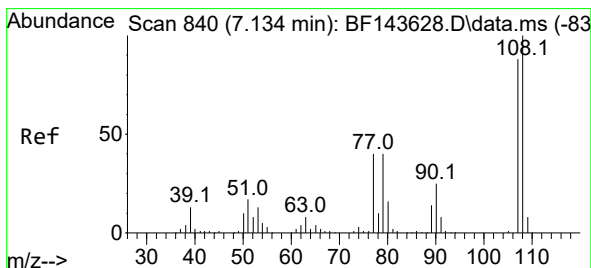
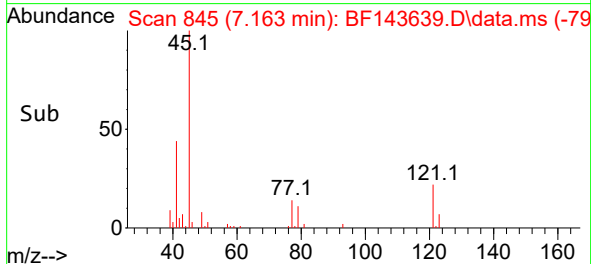
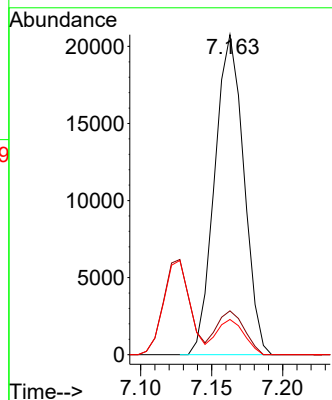
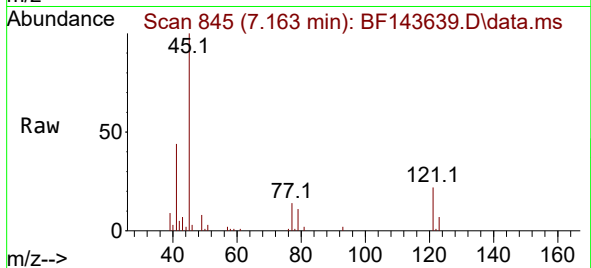
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.433 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

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

Tgt Ion: 45 Resp: 2962
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.5
79 11.0 0.0 29.8

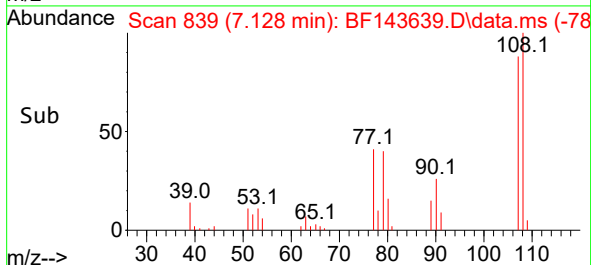
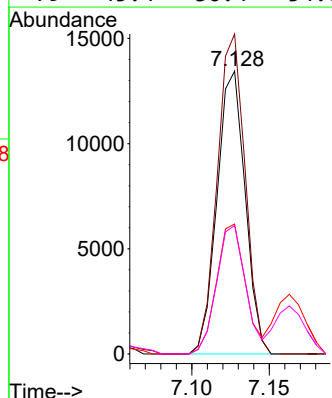
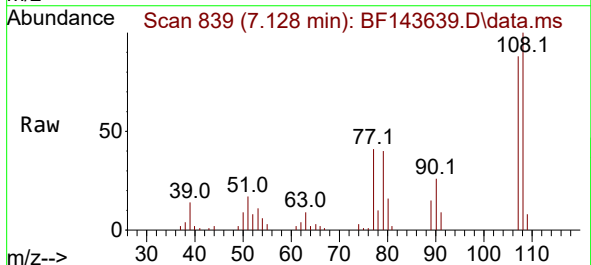
Manual Integrations
APPROVED

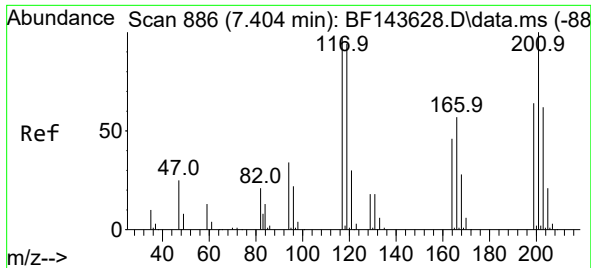
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#17
2-Methylphenol
Concen: 4.704 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

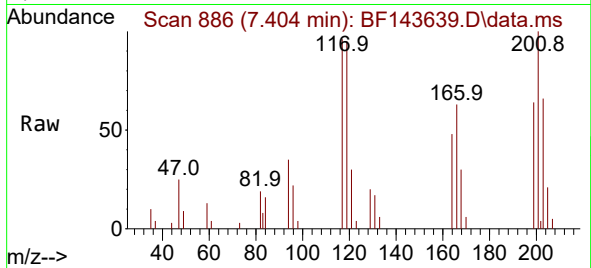
Tgt Ion:107 Resp: 16972
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 45.9 35.9 53.9
79 45.4 36.4 54.6





#18
Hexachloroethane
Concen: 4.741 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

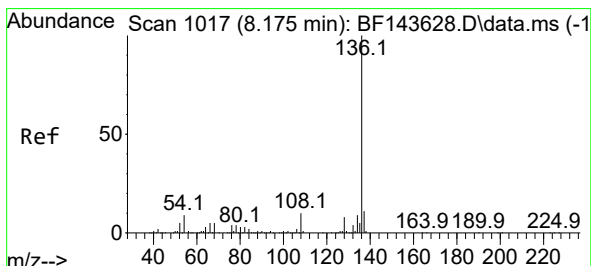
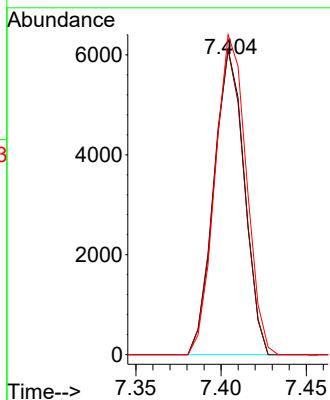
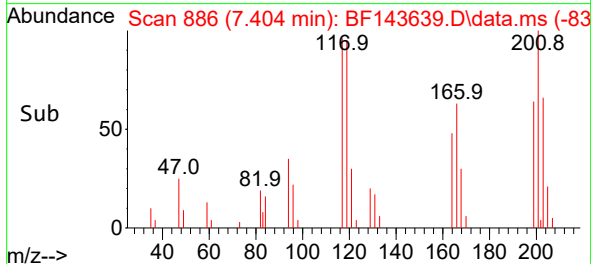
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



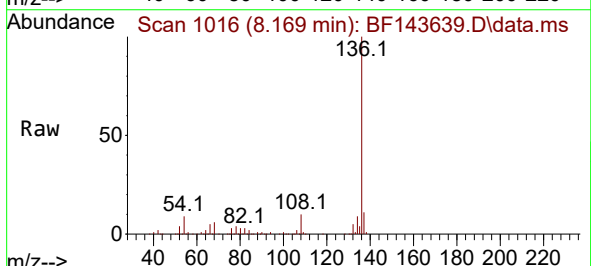
Tgt Ion:117 Resp: 755
Ion Ratio Lower Upper
117 100
119 99.7 77.7 116.5
201 104.7 82.7 124.1

Manual Integrations
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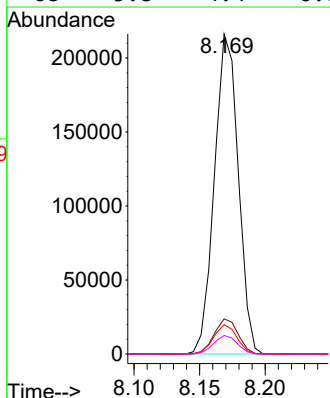
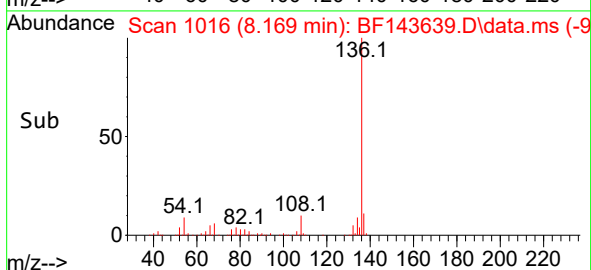
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

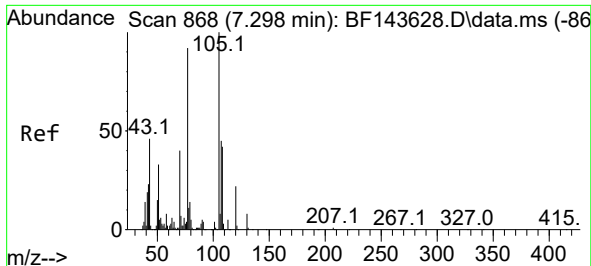


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



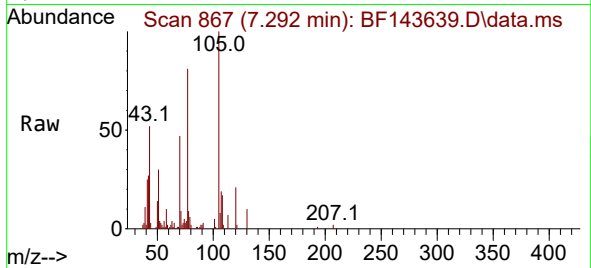
Tgt Ion:136 Resp: 272791
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.1 7.3 10.9
68 5.8 4.4 6.6





#22
Acetophenone
Concen: 5.003 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

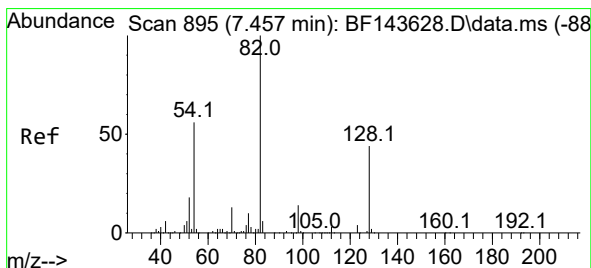
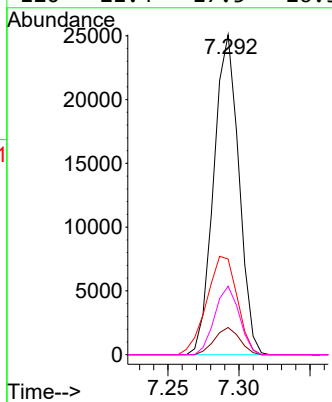
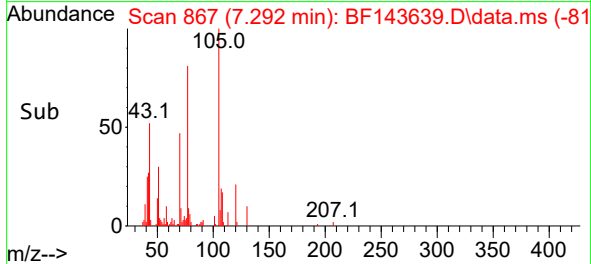
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:105 Resp: 30864
Ion Ratio Lower Upper
105 100
71 8.5 5.3 7.9
51 29.9 26.7 40.1
120 21.4 17.5 26.3

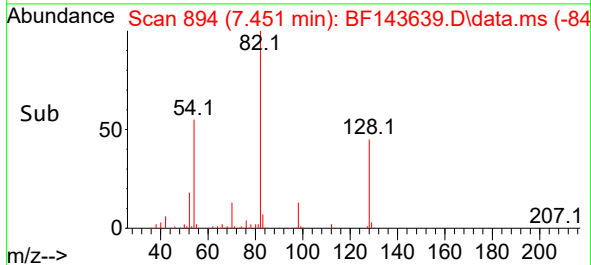
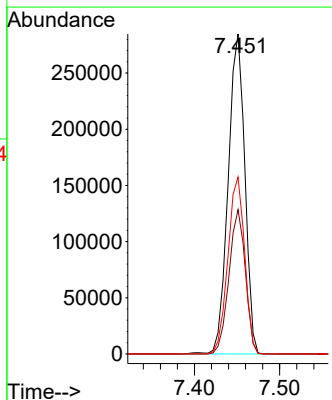
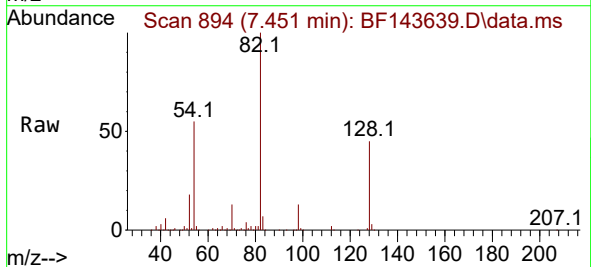
Manual Integrations
APPROVED

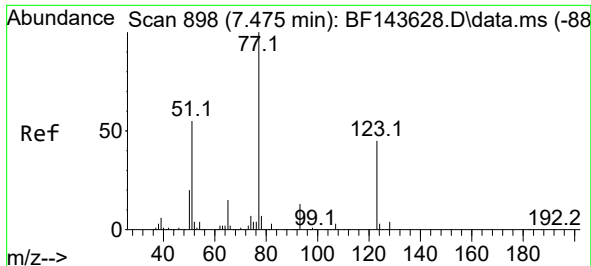
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#23
Nitrobenzene-d5
Concen: 99.996 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

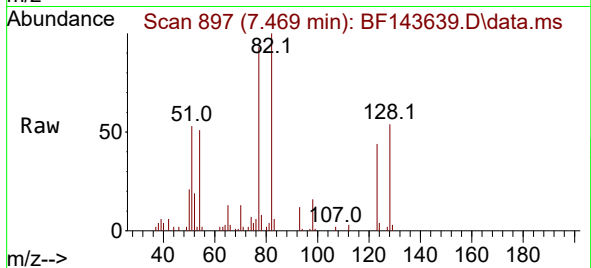
Tgt Ion: 82 Resp: 388113
Ion Ratio Lower Upper
82 100
128 45.1 34.7 52.1
54 55.2 44.8 67.2





#24
Nitrobenzene
Concen: 5.246 ng
RT: 7.469 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

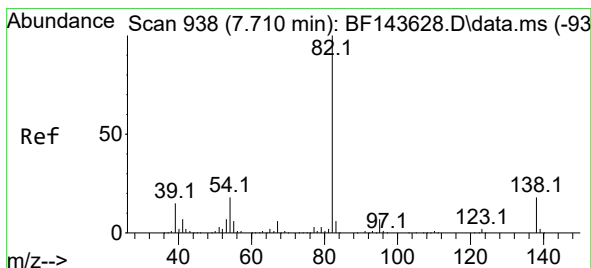
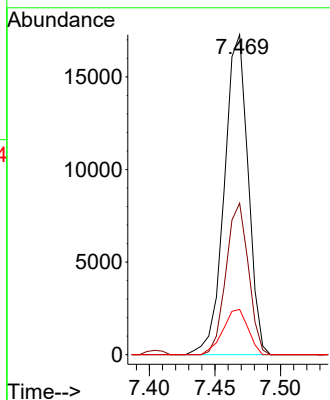
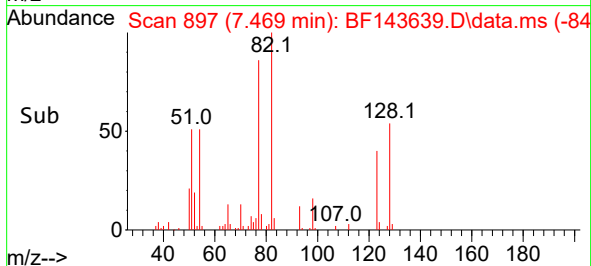
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 77 Resp: 21769
Ion Ratio Lower Upper
77 100
123 47.3 36.2 54.4
65 14.1 11.8 17.8

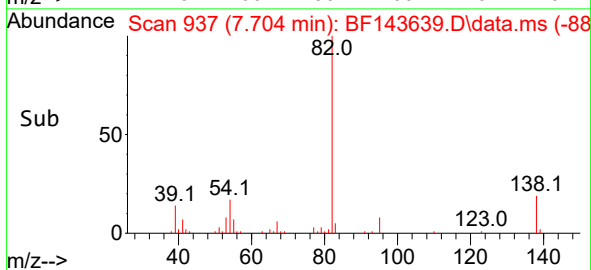
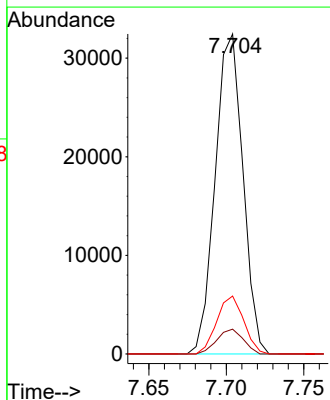
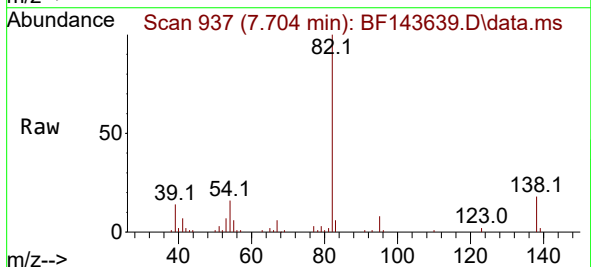
Manual Integrations
APPROVED

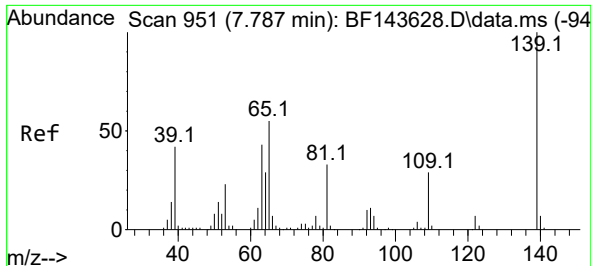
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#25
Isophorone
Concen: 4.612 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

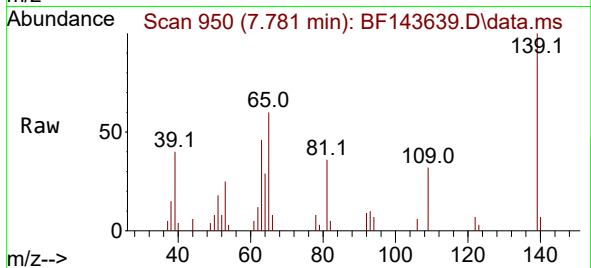
Tgt Ion: 82 Resp: 40337
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 18.1 14.2 21.2





#26
2-Nitrophenol
Concen: 7.506 ng
RT: 7.781 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

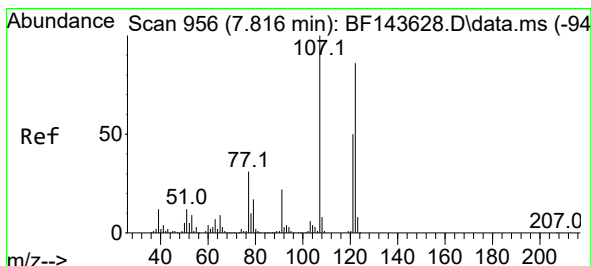
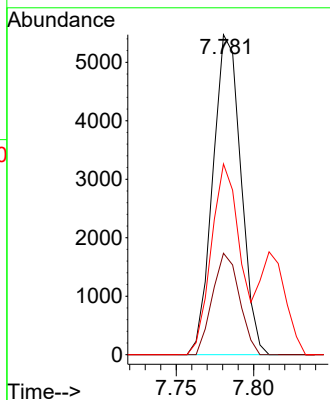
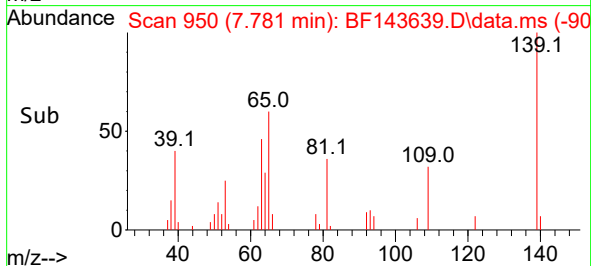
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:139 Resp: 6910
Ion Ratio Lower Upper
139 100
109 31.7 23.5 35.3
65 59.6 44.1 66.1

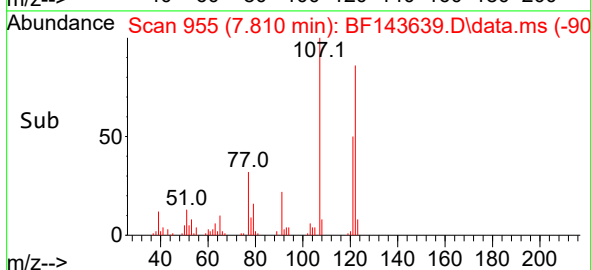
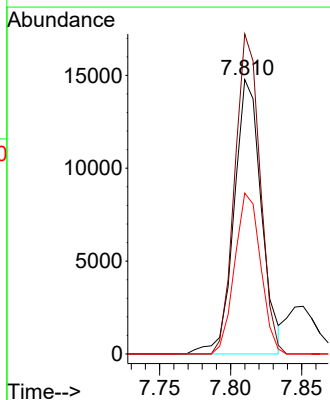
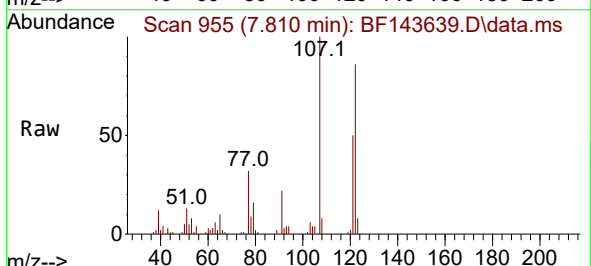
Manual Integrations
APPROVED

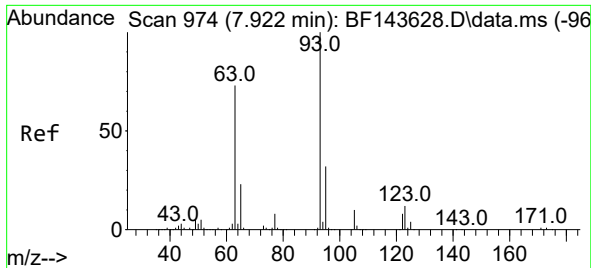
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#27
2,4-Dimethylphenol
Concen: 5.189 ng
RT: 7.810 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

Tgt Ion:122 Resp: 19761
Ion Ratio Lower Upper
122 100
107 116.6 93.4 140.0
121 58.6 46.9 70.3





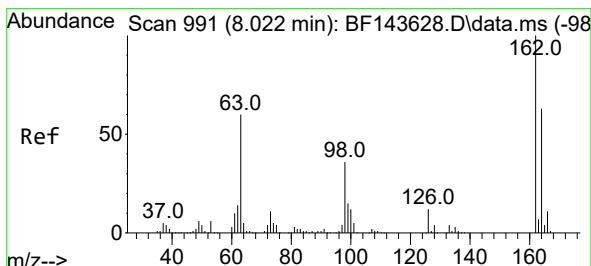
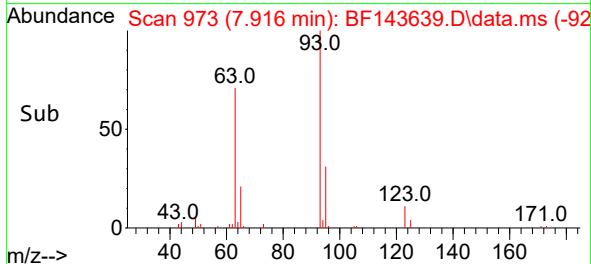
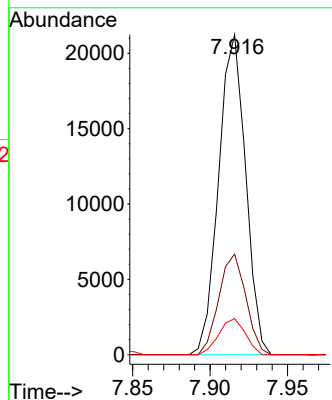
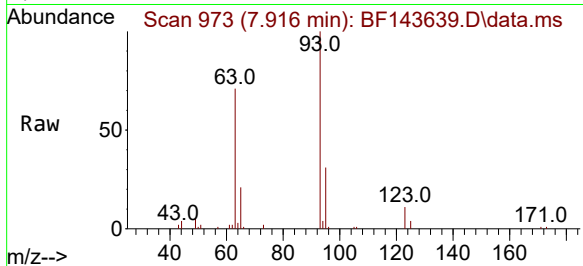
#28
bis(2-Chloroethoxy)methane
Concen: 4.806 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

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

Tgt Ion: 93 Resp: 25698
Ion Ratio Lower Upper
93 100
95 31.5 25.8 38.8
123 11.3 9.6 14.4

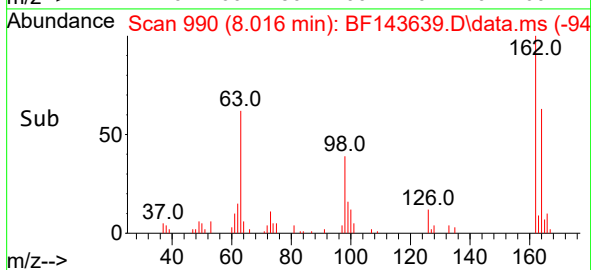
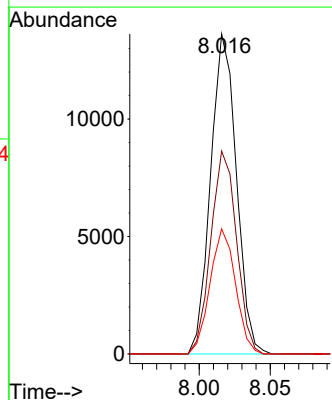
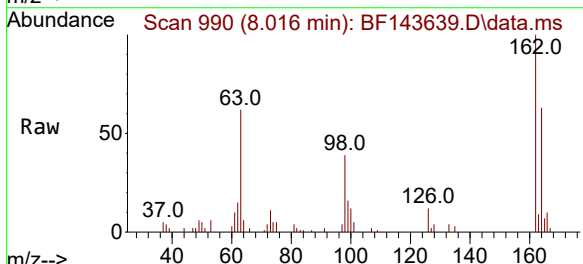
Manual Integrations
APPROVED

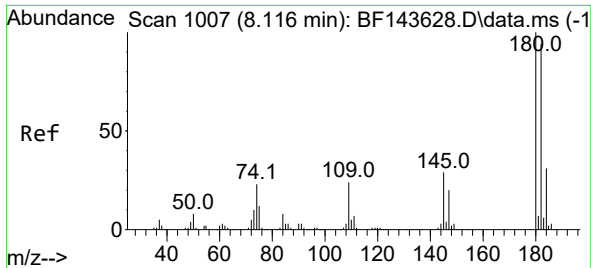
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#29
2,4-Dichlorophenol
Concen: 4.604 ng
RT: 8.016 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

Tgt Ion:162 Resp: 17202
Ion Ratio Lower Upper
162 100
164 63.4 42.9 82.9
98 39.1 15.9 55.9





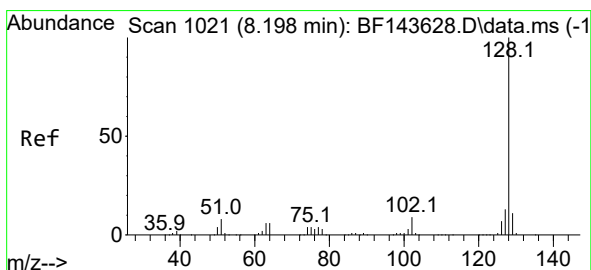
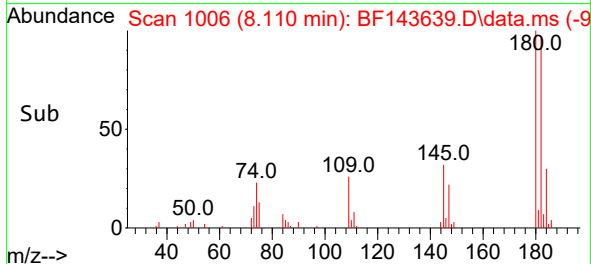
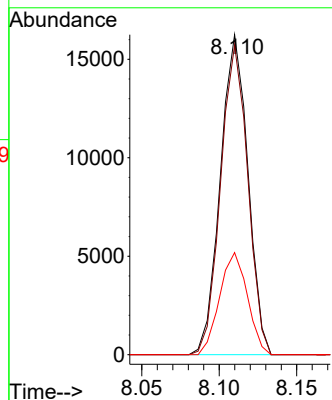
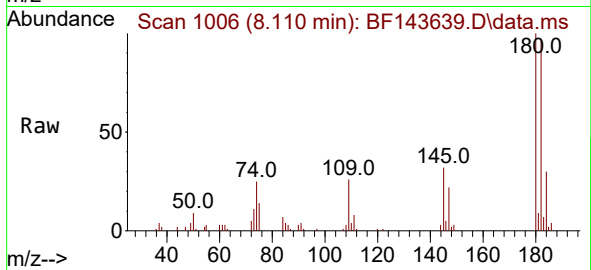
#30
1,2,4-Trichlorobenzene
Concen: 4.933 ng
RT: 8.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

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

Tgt Ion:180 Resp: 20090
Ion Ratio Lower Upper
180 100
182 96.8 75.2 112.8
145 31.9 23.6 35.4

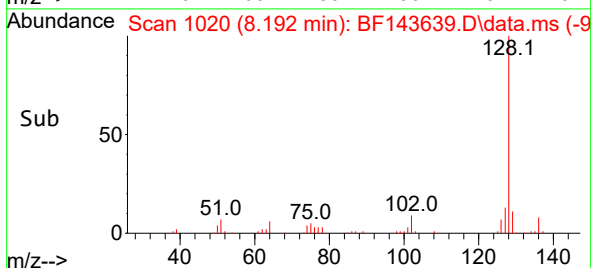
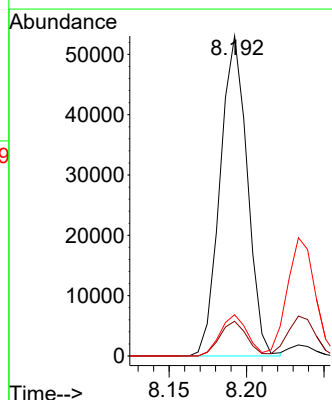
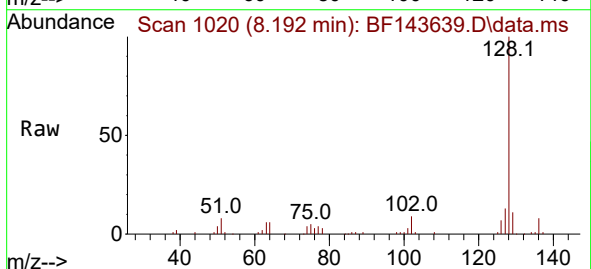
Manual Integrations
APPROVED

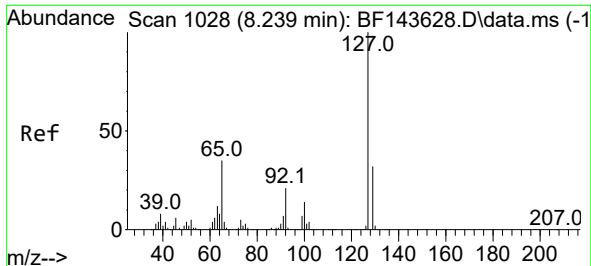
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#31
Naphthalene
Concen: 4.846 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

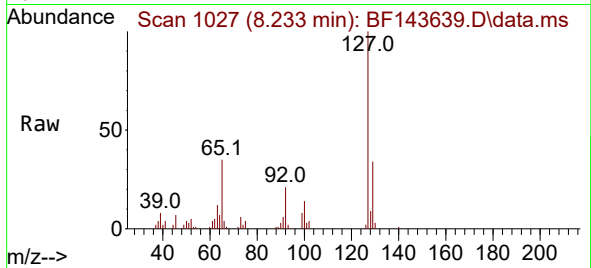
Tgt Ion:128 Resp: 64658
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.9 10.6 16.0





#33
4-Chloroaniline
Concen: 5.287 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

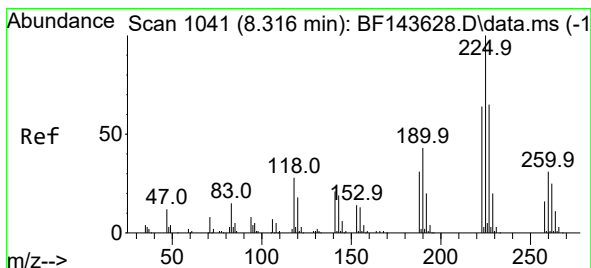
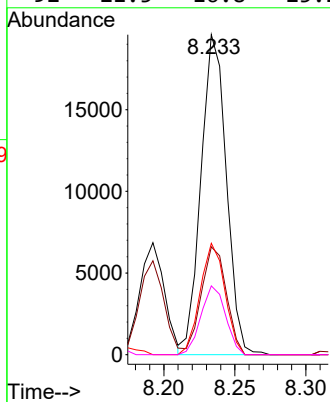
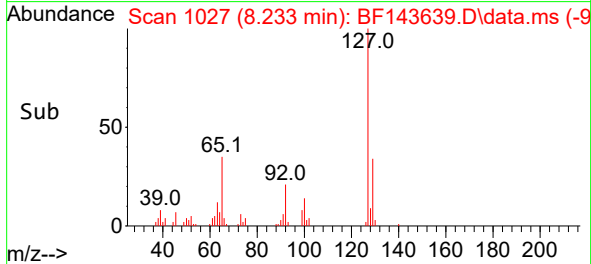
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	34.8	27.6	41.4
92	21.5	16.8	25.2

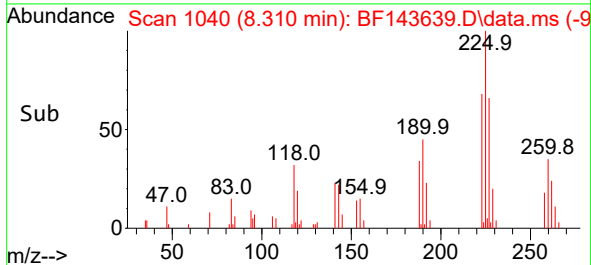
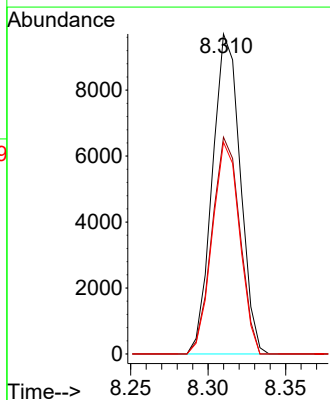
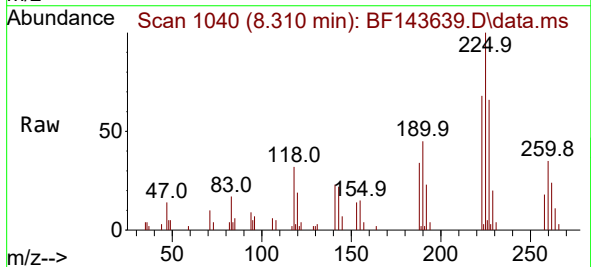
Manual Integrations
APPROVED

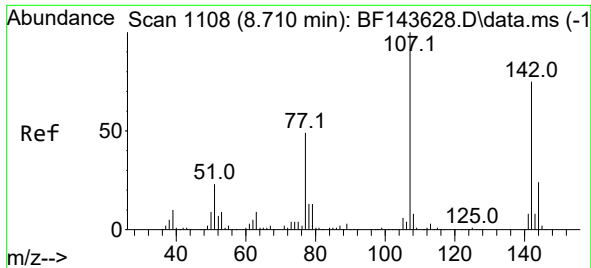
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#34
Hexachlorobutadiene
Concen: 4.574 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

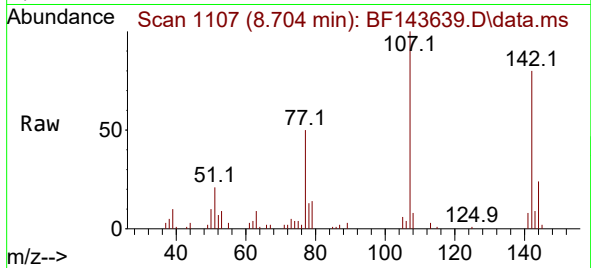
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	51.3	76.9
227	66.2	51.7	77.5





#36
4-Chloro-3-methylphenol
Concen: 4.480 ng
RT: 8.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

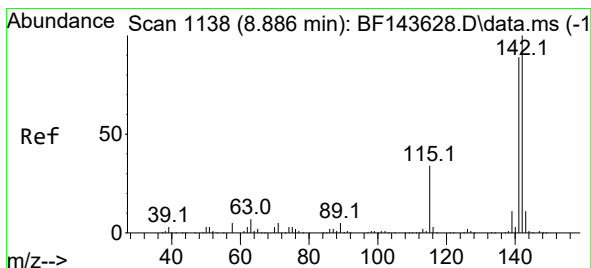
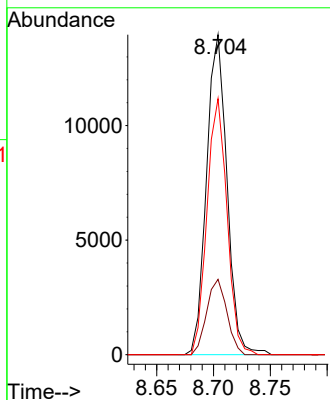
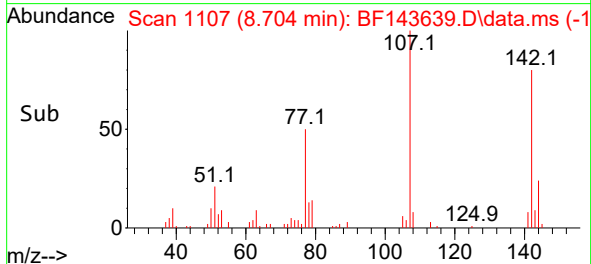
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:107 Resp: 17529
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 80.0 60.3 90.5

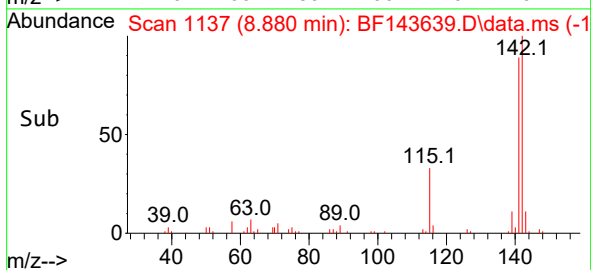
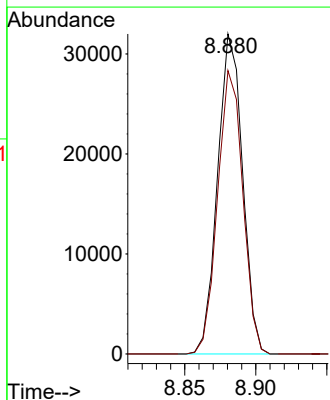
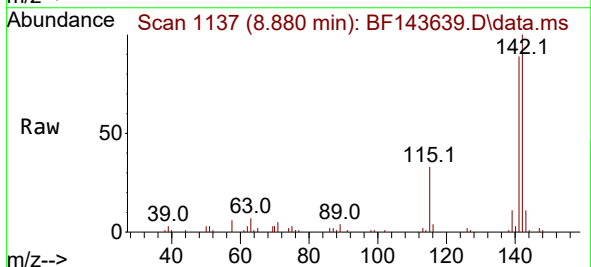
Manual Integrations
APPROVED

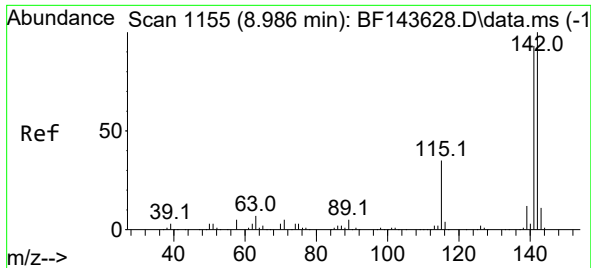
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#37
2-Methylnaphthalene
Concen: 4.334 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

Tgt Ion:142 Resp: 39119
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2





#38

1-Methylnaphthalene

Concen: 4.811 ng

RT: 8.980 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:142 Resp: 41518

Ion Ratio Lower Upper

142 100

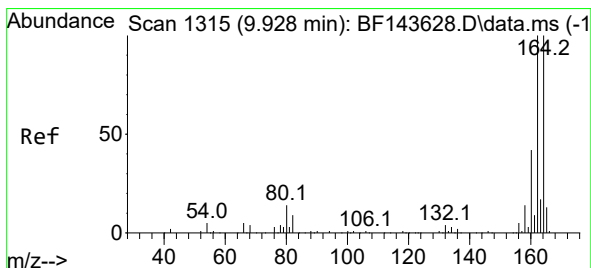
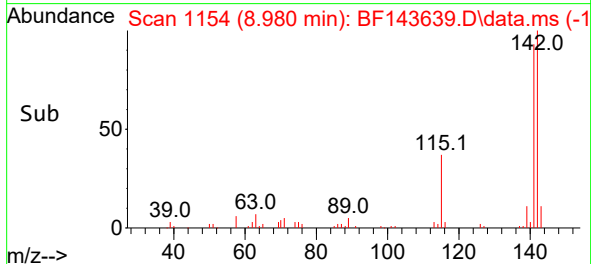
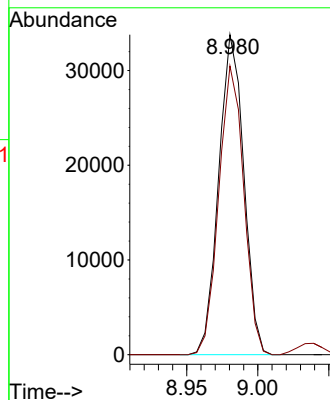
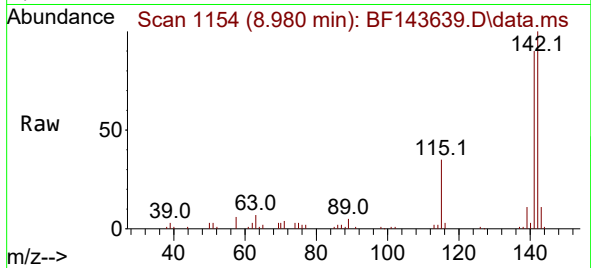
141 90.2 74.5 111.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.001 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

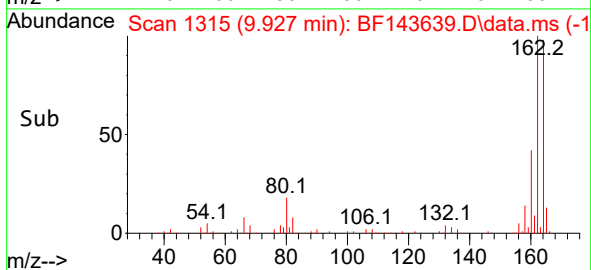
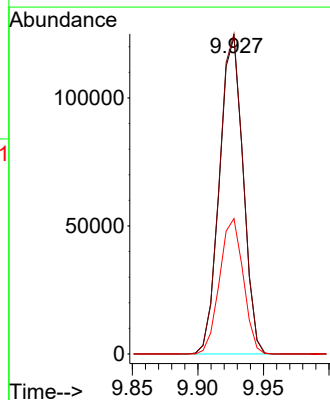
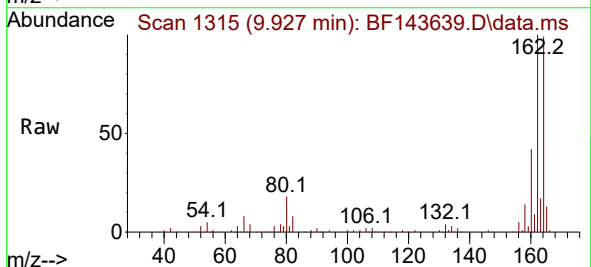
Tgt Ion:164 Resp: 154726

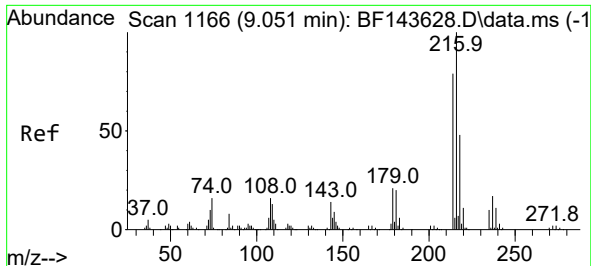
Ion Ratio Lower Upper

164 100

162 101.0 80.3 120.5

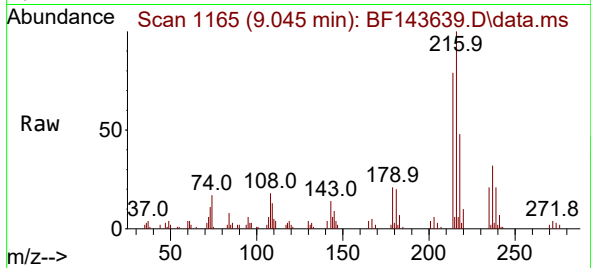
160 42.7 34.0 51.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.996 ng
RT: 9.045 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

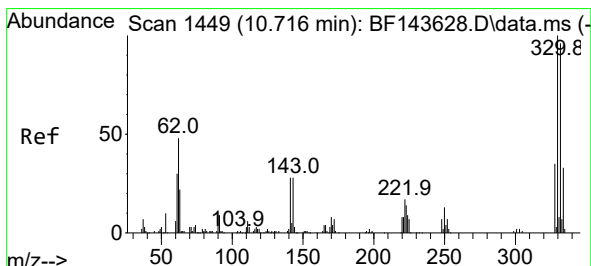
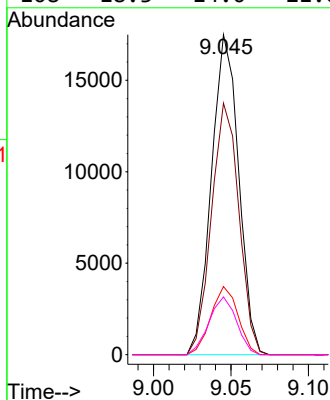
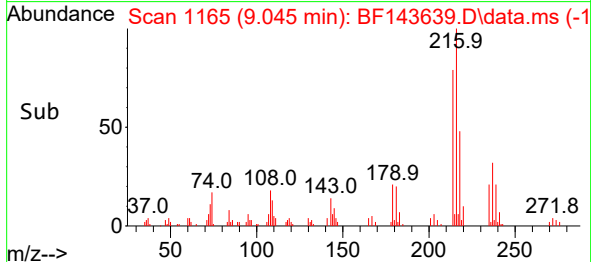
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



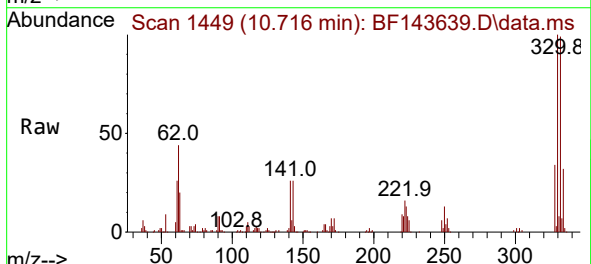
Tgt Ion: 216 Resp: 2136
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.2 17.2 25.8
108 18.3 14.0 21.0

Manual Integrations
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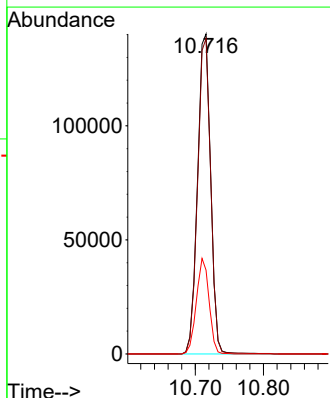
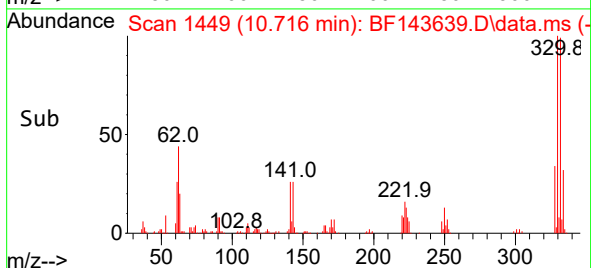
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

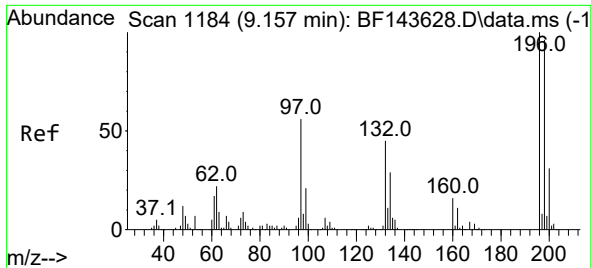


#42
2,4,6-Tribromophenol
Concen: 144.221 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



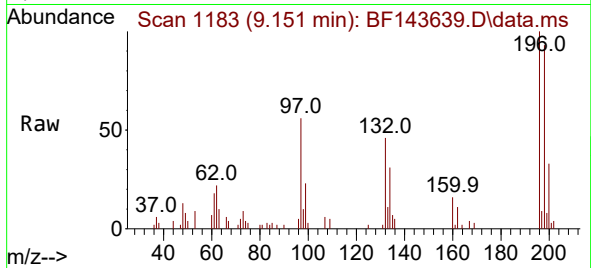
Tgt Ion: 330 Resp: 186601
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 28.9 23.5 35.3





#43
2,4,6-Trichlorophenol
Concen: 4.598 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

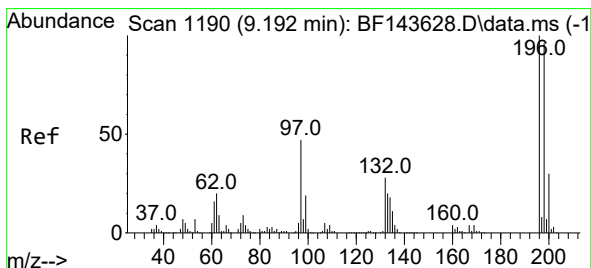
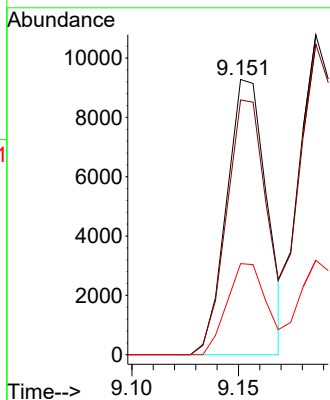
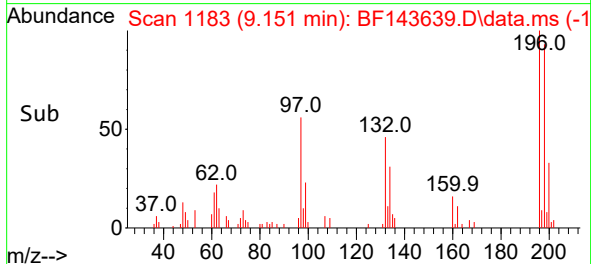
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



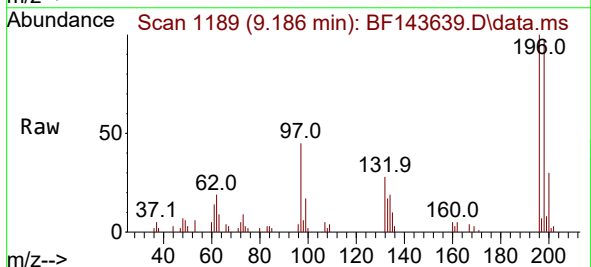
Tgt Ion:196 Resp: 1211
Ion Ratio Lower Upper
196 100
198 92.6 77.1 115.7
200 33.1 24.7 37.1

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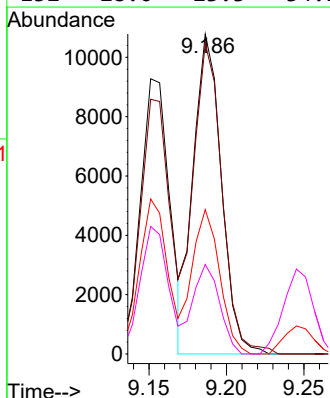
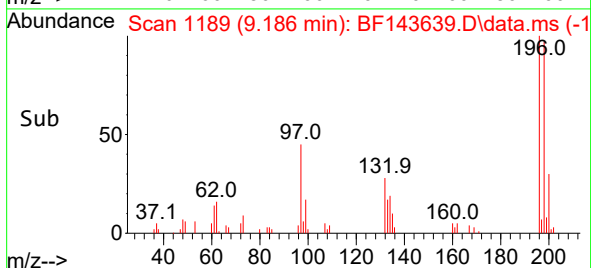
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

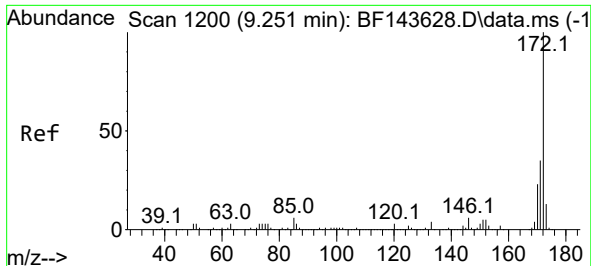


#44
2,4,5-Trichlorophenol
Concen: 5.007 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



Tgt Ion:196 Resp: 13619
Ion Ratio Lower Upper
196 100
198 97.0 76.6 115.0
97 45.1 38.2 57.2
132 28.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.570 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143639.D

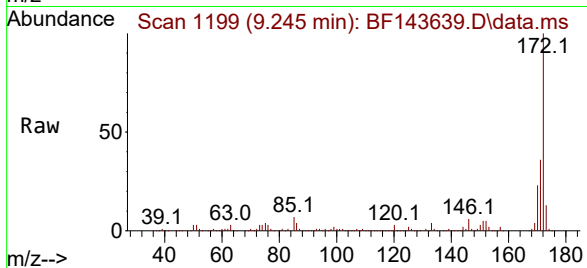
Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



Tgt Ion:172 Resp: 848082

Ion Ratio Lower Upper

172 100

171 35.9 28.1 42.1

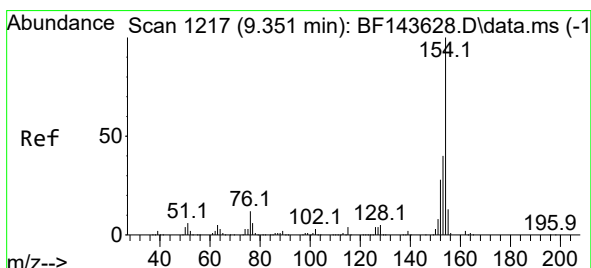
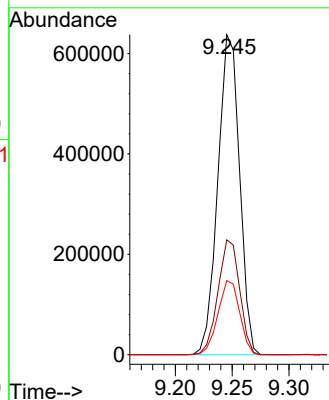
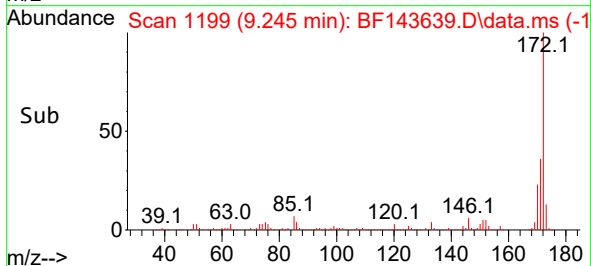
170 23.2 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#46

1,1'-Biphenyl

Concen: 4.968 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

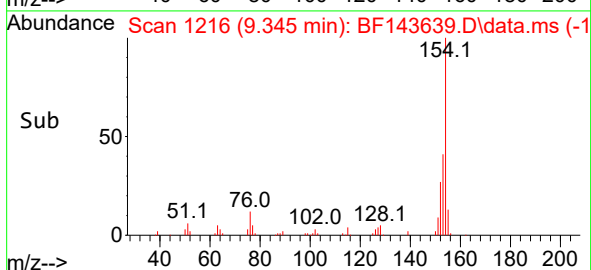
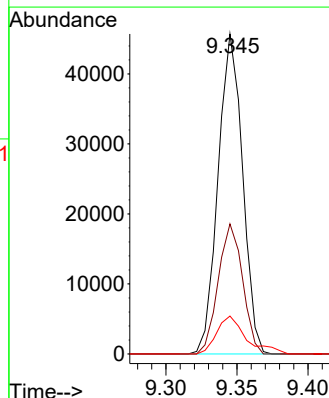
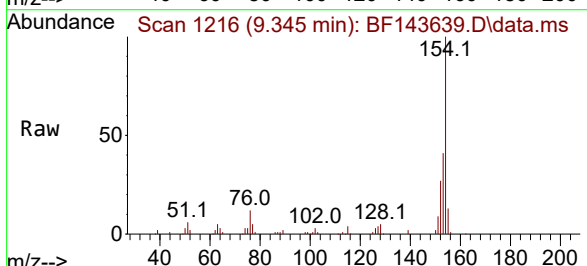
Tgt Ion:154 Resp: 54673

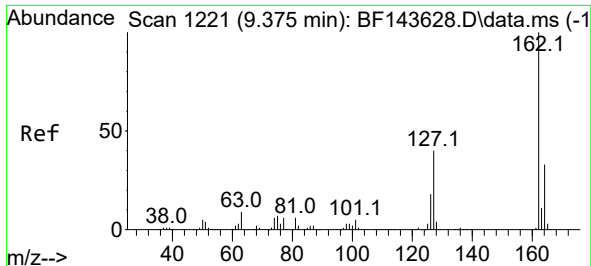
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

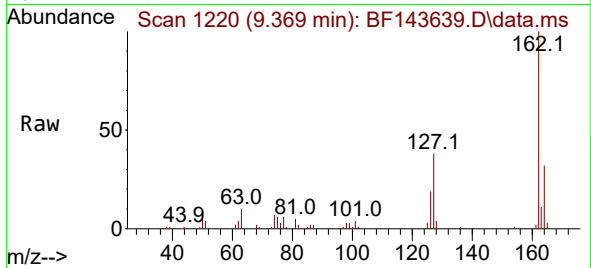
76 11.9 0.0 31.9





#47
2-Chloronaphthalene
Concen: 4.924 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

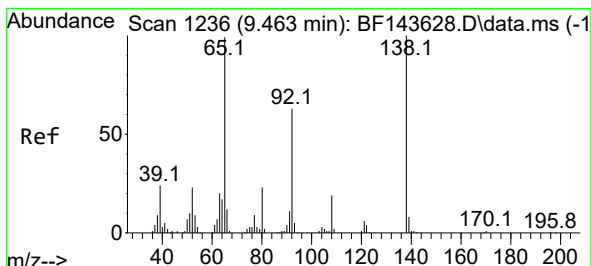
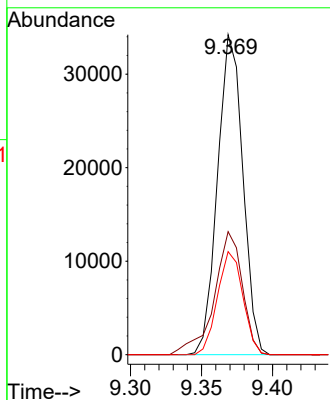
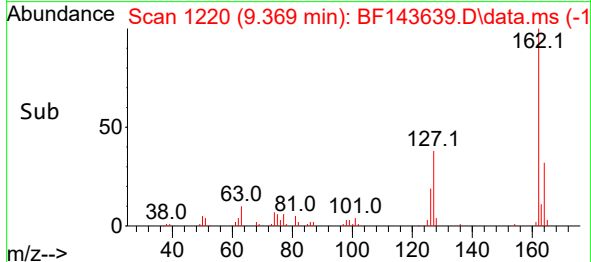
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 162 Resp: 42400
Ion Ratio Lower Upper
162 100
127 38.5 31.9 47.9
164 32.2 26.0 39.0

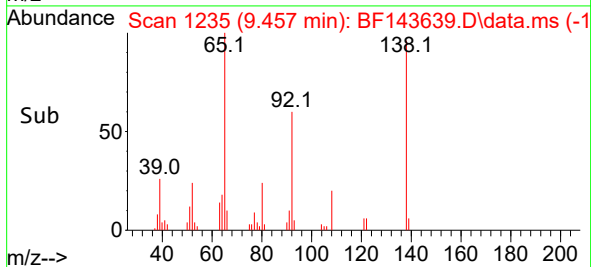
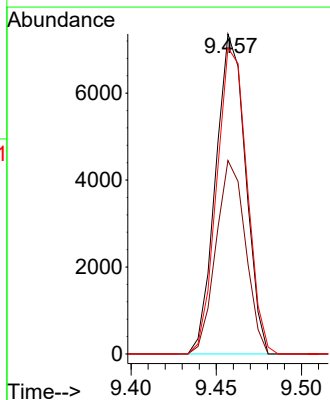
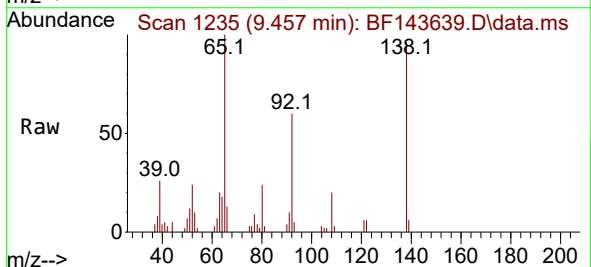
Manual Integrations
APPROVED

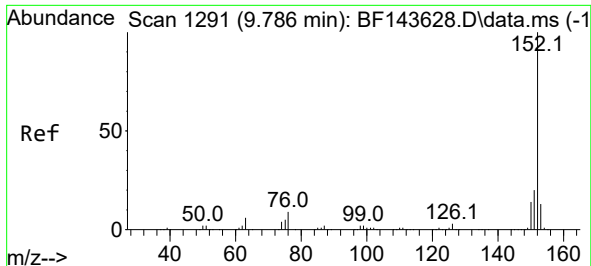
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#48
2-Nitroaniline
Concen: 6.771 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

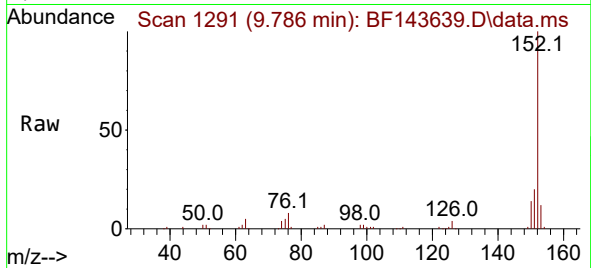
Tgt Ion: 65 Resp: 8995
Ion Ratio Lower Upper
65 100
92 60.5 50.9 76.3
138 95.7 80.6 120.8





#49
Acenaphthylene
Concen: 5.384 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

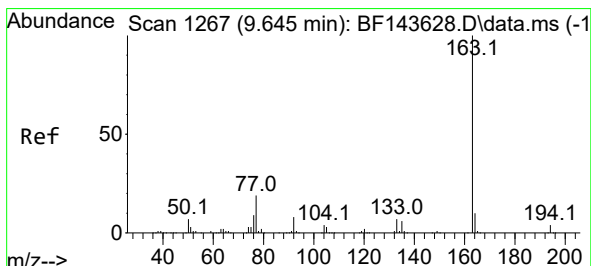
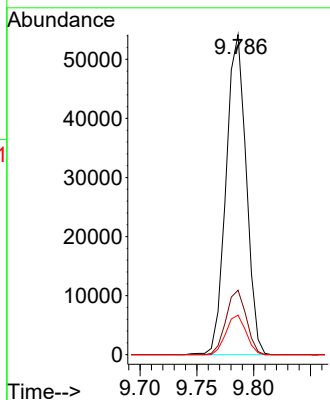
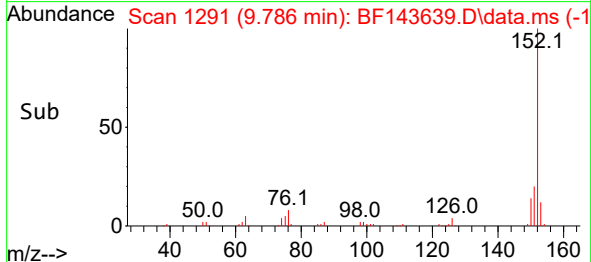
Instrument : BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



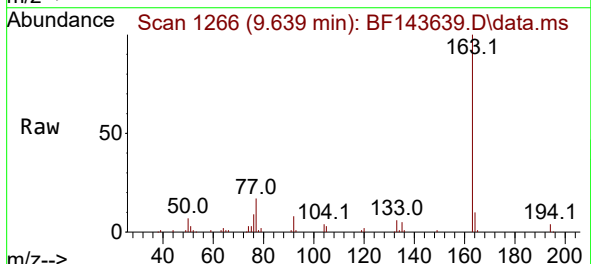
Tgt Ion:152 Resp: 6681
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 12.4 10.6 15.8

Manual Integrations
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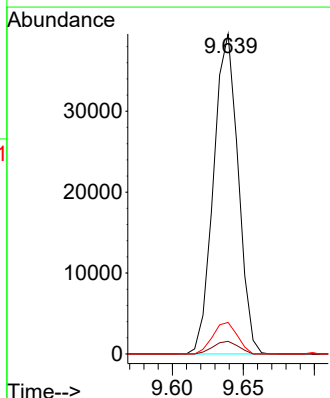
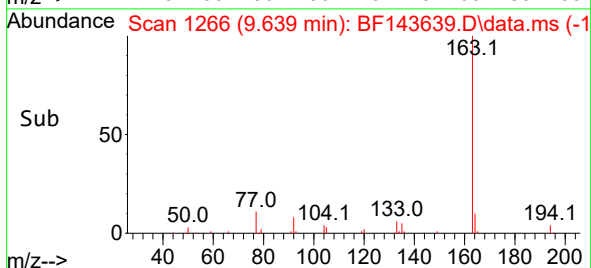
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

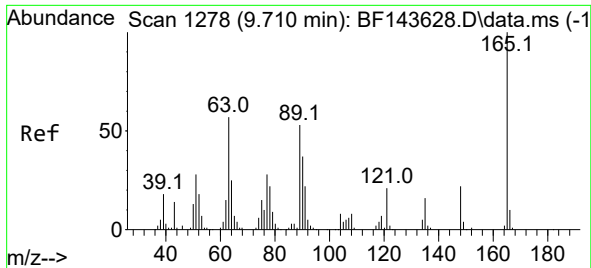


#50
Dimethylphthalate
Concen: 4.860 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



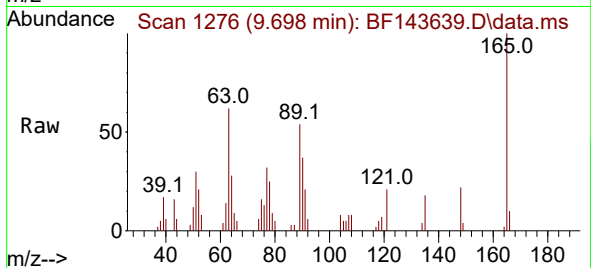
Tgt Ion:163 Resp: 47611
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 7.922 ng m
RT: 9.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

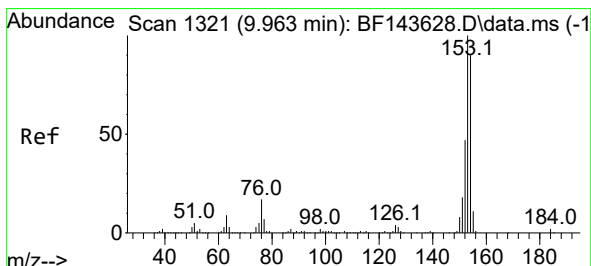
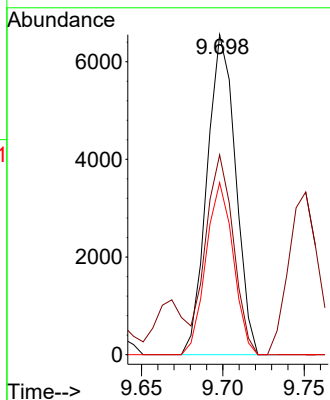
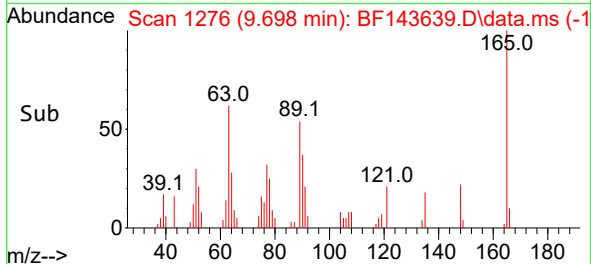
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:165 Resp: 7994
Ion Ratio Lower Upper
165 100
63 62.5 45.4 68.0
89 53.8 42.1 63.1

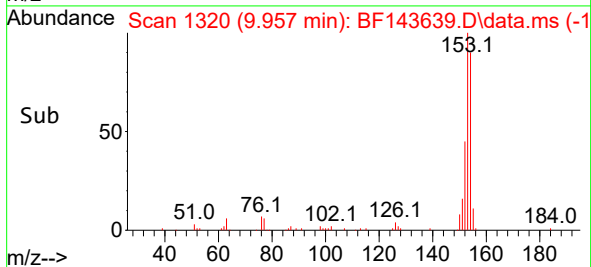
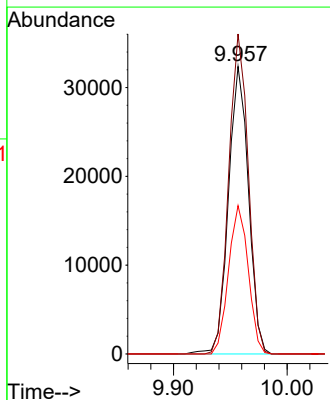
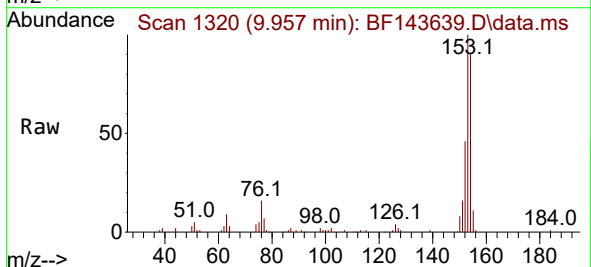
Manual Integrations
APPROVED

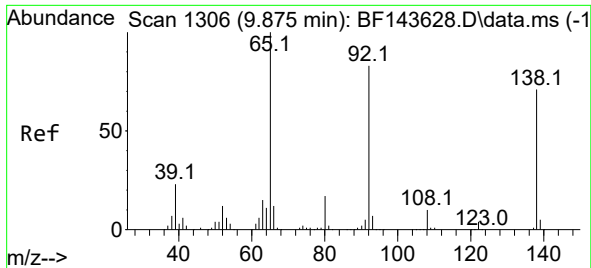
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 4.774 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

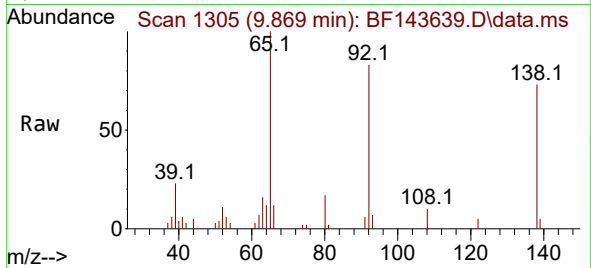
Tgt Ion:154 Resp: 39635
Ion Ratio Lower Upper
154 100
153 111.3 88.6 132.8
152 51.6 41.8 62.8





#53
3-Nitroaniline
Concen: 7.056 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

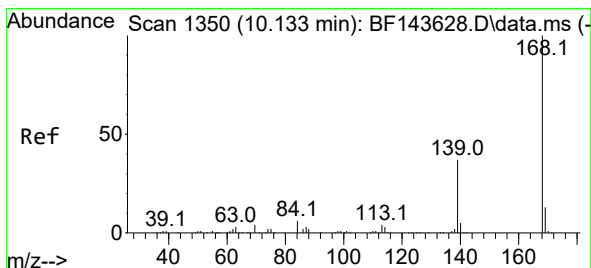
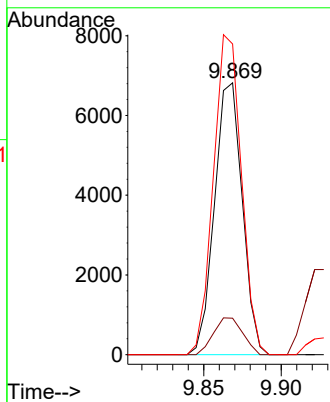
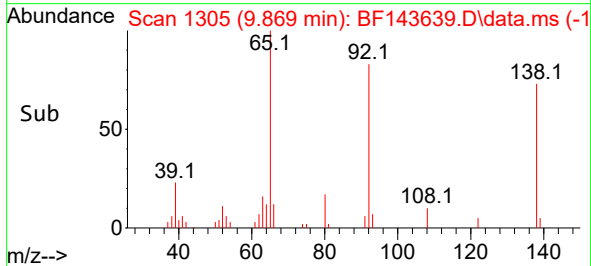
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



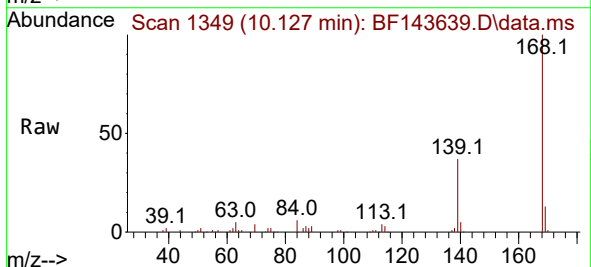
Tgt Ion:138 Resp: 8508
Ion Ratio Lower Upper
138 100
108 13.4 10.7 16.1
92 114.3 93.4 140.2

Manual Integrations
APPROVED

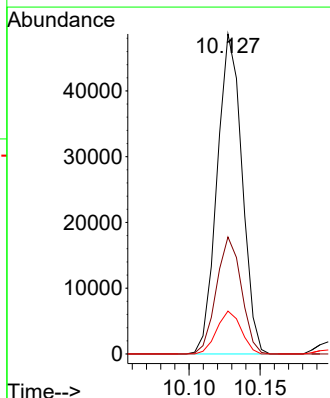
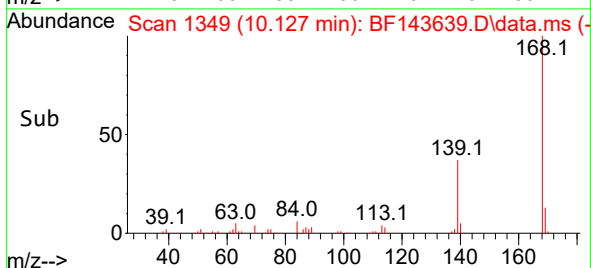
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

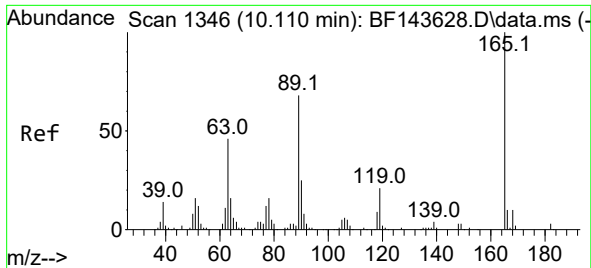


#55
Dibenzofuran
Concen: 4.910 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



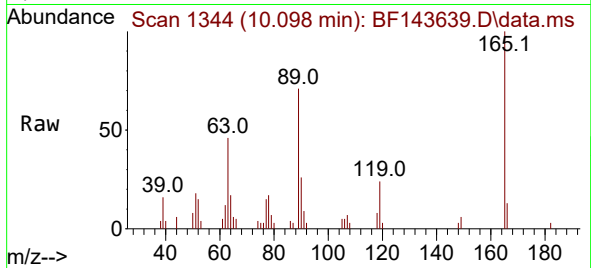
Tgt Ion:168 Resp: 59218
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8
169 13.4 10.6 16.0





#57
2,4-Dinitrotoluene
Concen: 7.191 ng
RT: 10.098 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

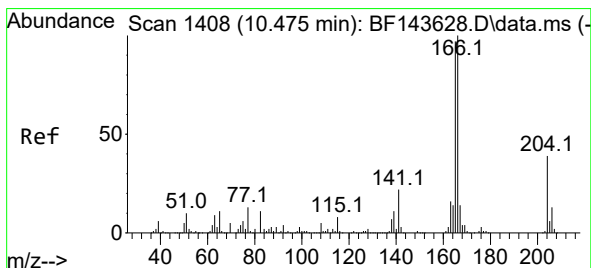
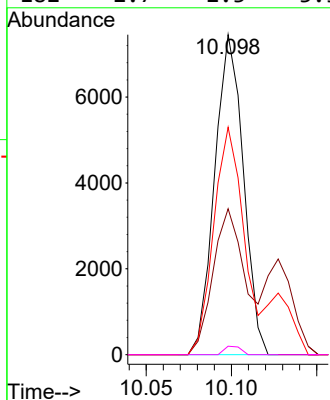
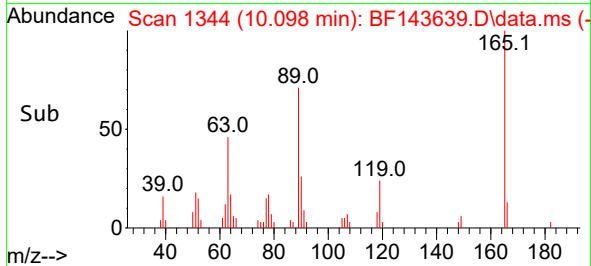
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



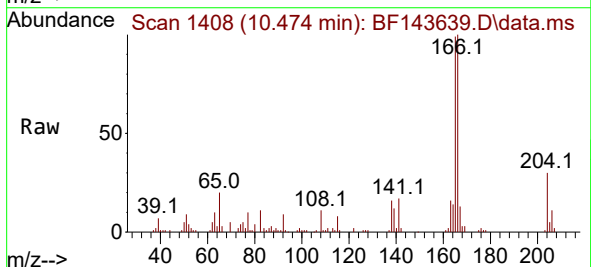
Tgt Ion:165 Resp: 8718
Ion Ratio Lower Upper
165 100
63 45.6 37.0 55.6
89 71.0 54.1 81.1
182 2.7 2.3 3.5

Manual Integrations
APPROVED

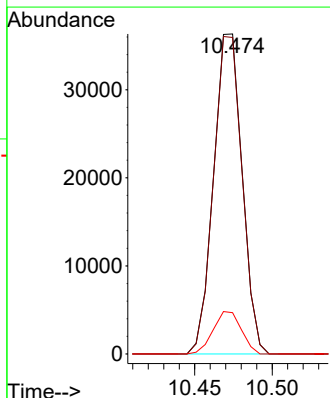
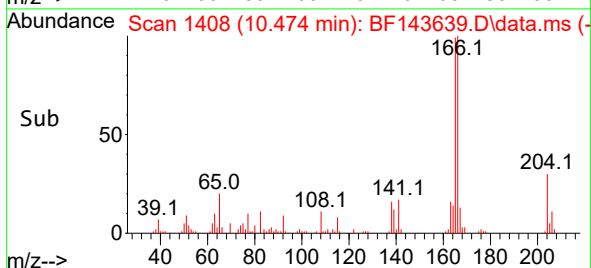
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

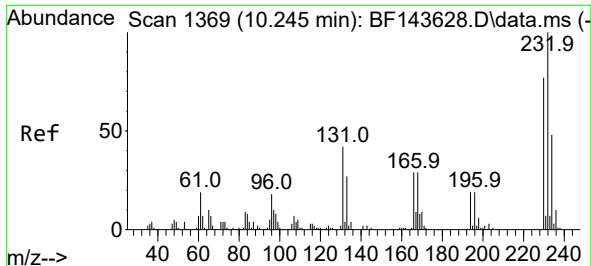


#58
Fluorene
Concen: 4.994 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



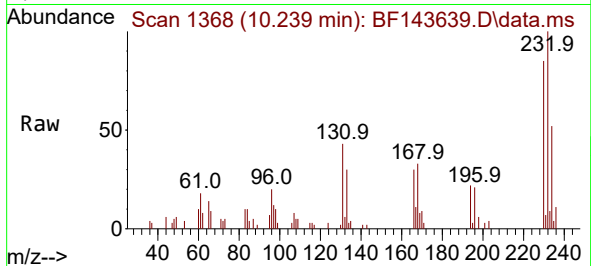
Tgt Ion:166 Resp: 46591
Ion Ratio Lower Upper
166 100
165 98.9 77.6 116.4
167 12.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.006 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

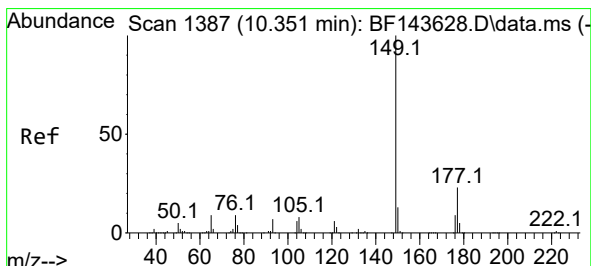
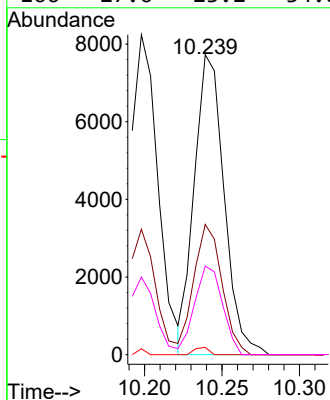
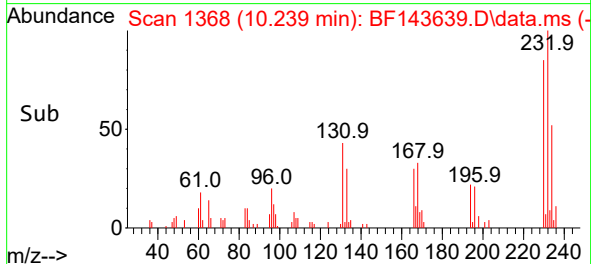
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



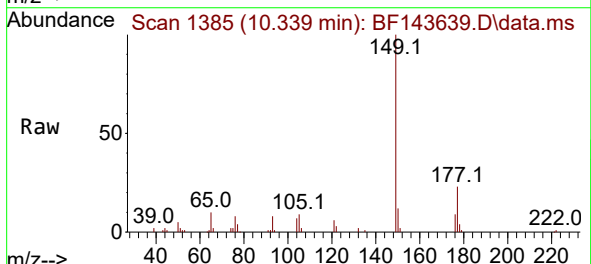
Tgt Ion:232 Resp: 10340
Ion Ratio Lower Upper
232 100
131 40.9 33.7 50.5
130 1.2 1.5 2.3
166 27.6 23.2 34.8

Manual Integrations
APPROVED

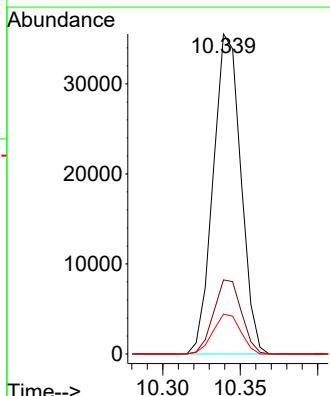
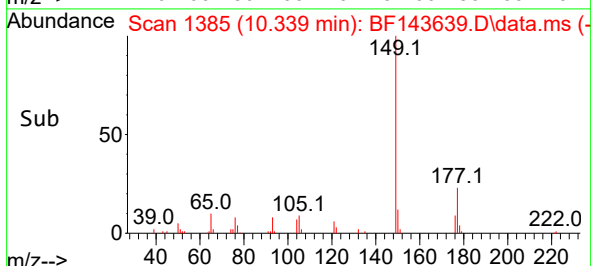
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

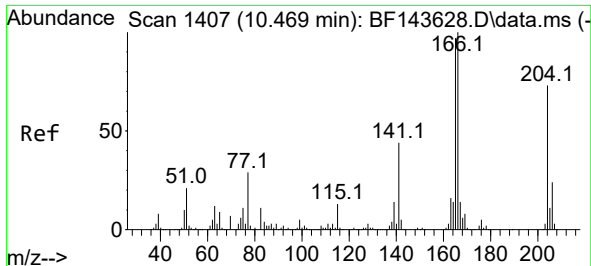


#60
Diethylphthalate
Concen: 4.736 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



Tgt Ion:149 Resp: 44048
Ion Ratio Lower Upper
149 100
177 23.2 18.6 28.0
150 12.5 10.3 15.5





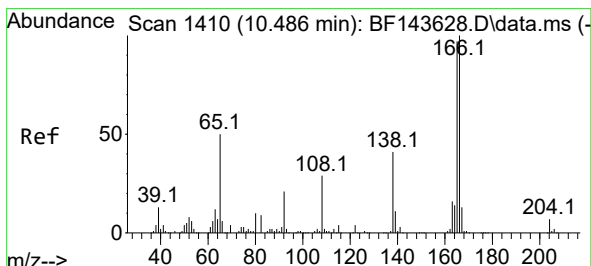
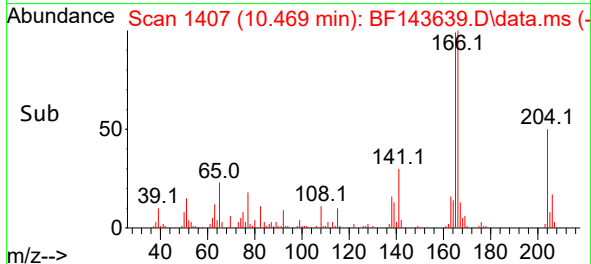
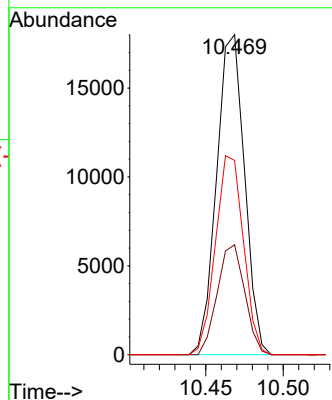
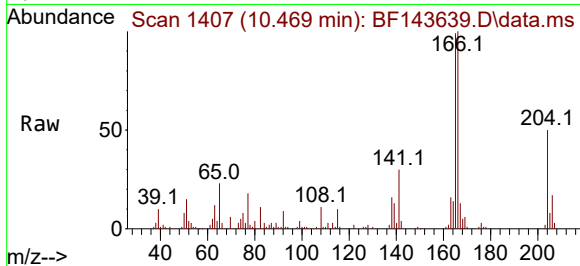
#61
4-Chlorophenyl-phenylether
Concen: 4.861 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

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

Tgt Ion:204 Resp: 22630
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 60.7 47.8 71.6

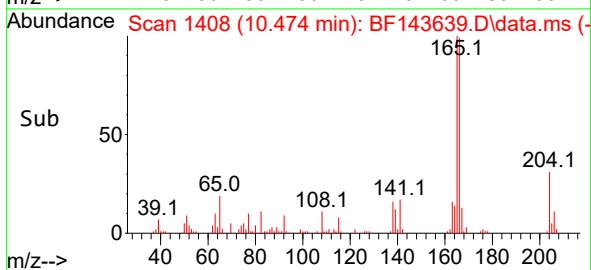
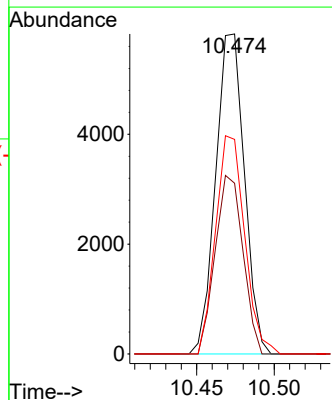
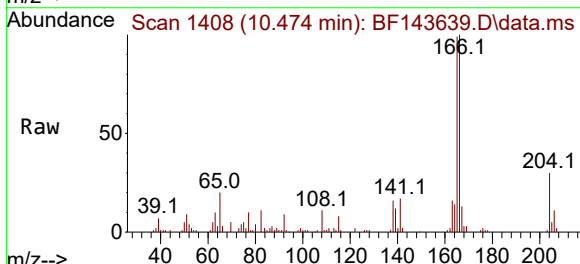
Manual Integrations
APPROVED

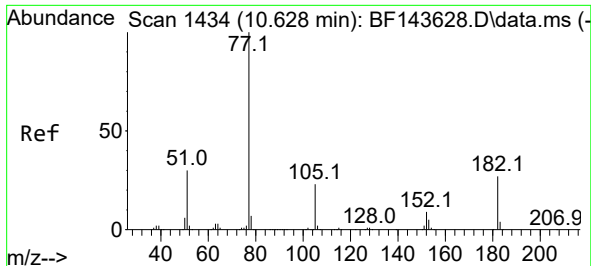
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#62
4-Nitroaniline
Concen: 6.492 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

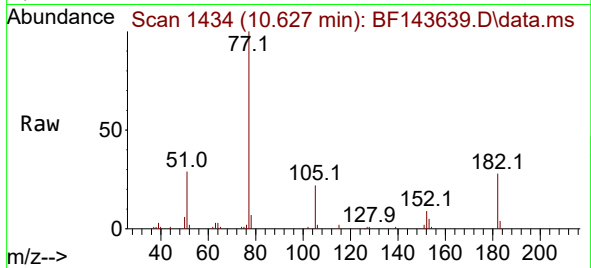
Tgt Ion:138 Resp: 7529
Ion Ratio Lower Upper
138 100
92 53.3 30.5 70.5
108 67.0 49.1 89.1





#63
Azobenzene
Concen: 4.813 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

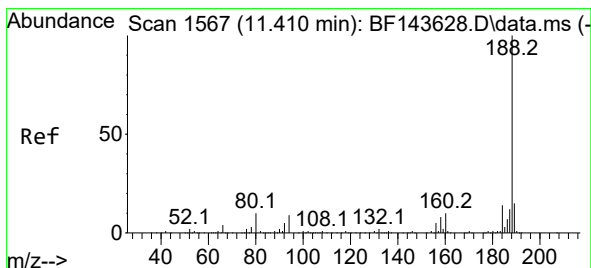
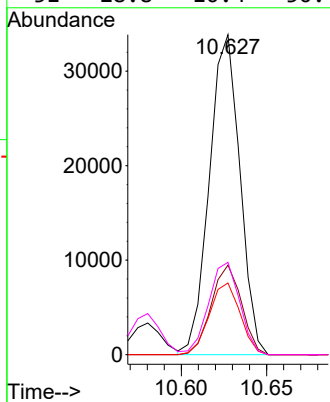
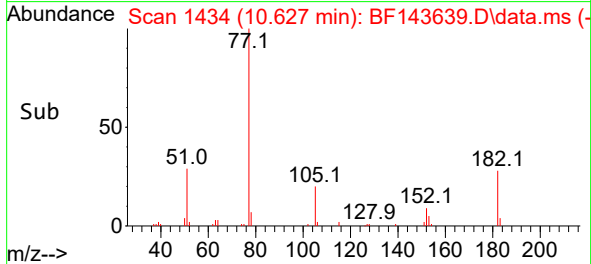
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



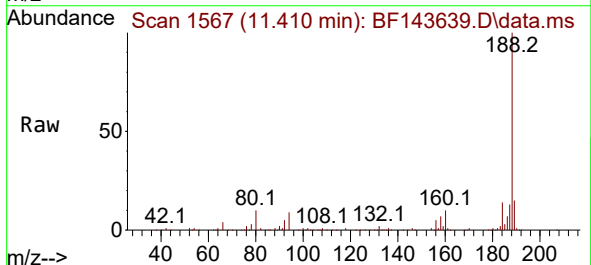
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.8	46.8
105	22.4	2.8	42.8
51	28.8	10.4	50.4

Manual Integrations
APPROVED

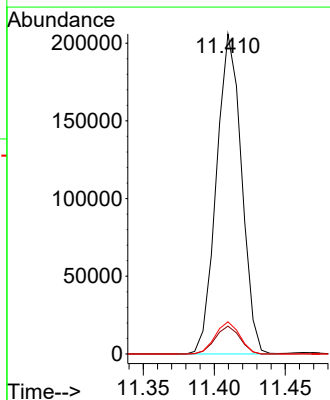
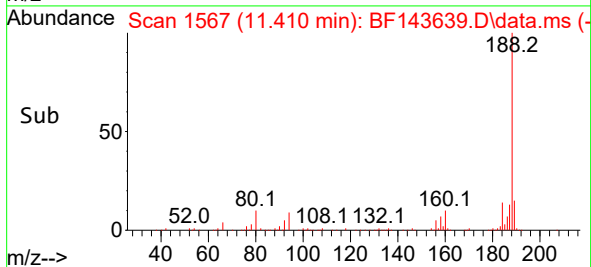
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

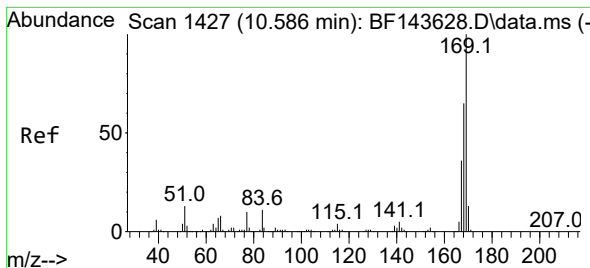


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



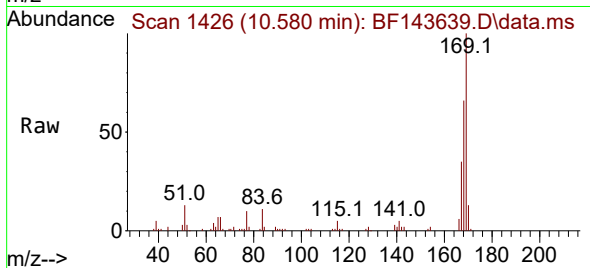
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.0	8.4	12.6





#66
n-Nitrosodiphenylamine
Concen: 4.957 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

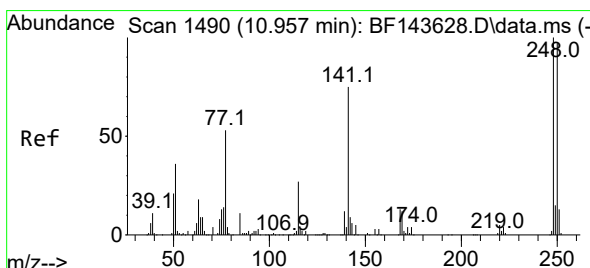
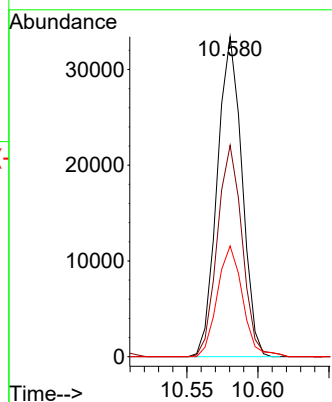
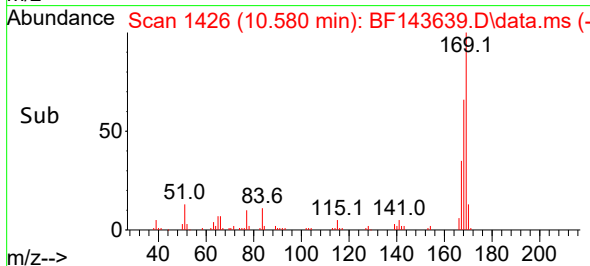
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:169 Resp: 40489
Ion Ratio Lower Upper
169 100
168 66.1 52.2 78.4
167 34.6 28.5 42.7

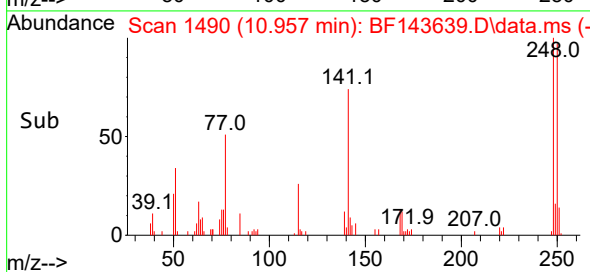
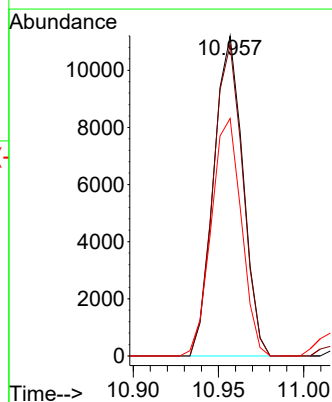
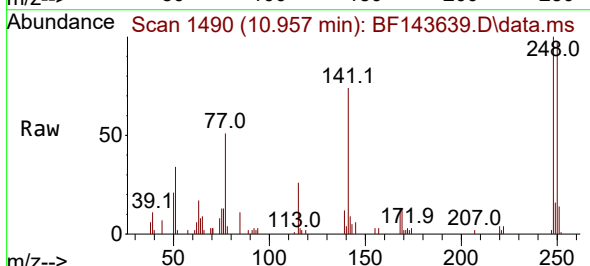
Manual Integrations
APPROVED

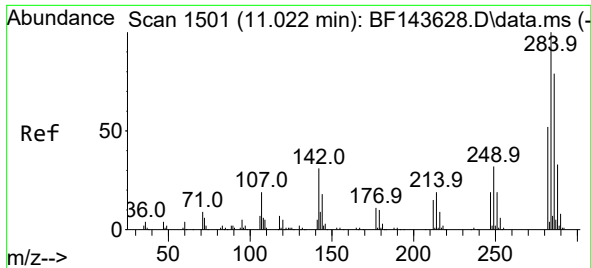
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

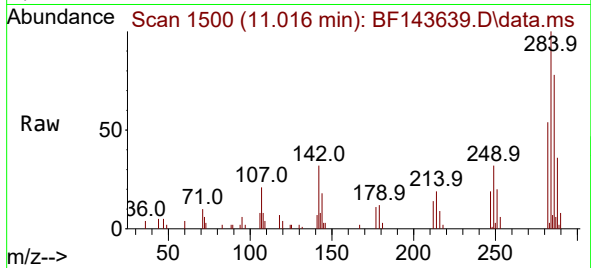
Tgt Ion:248 Resp: 13399
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 74.2 60.1 90.1





#68
Hexachlorobenzene
Concen: 4.789 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

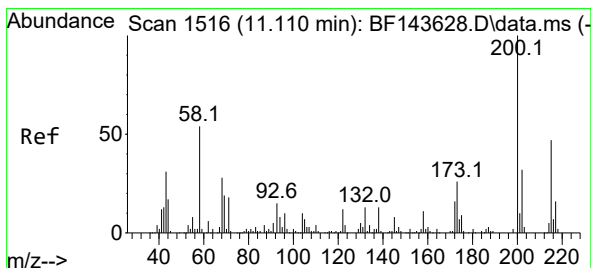
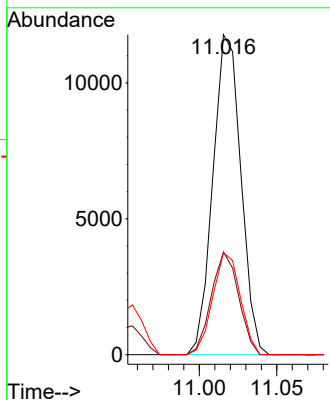
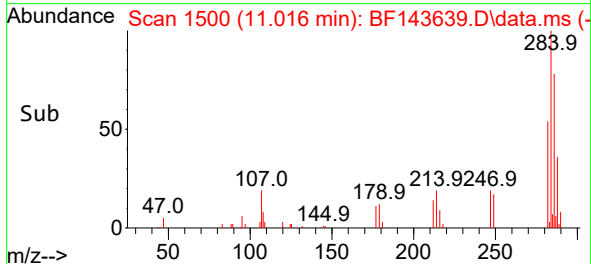
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



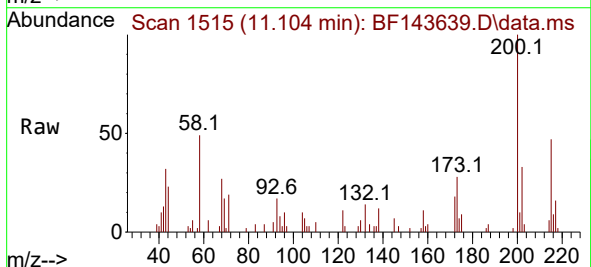
Tgt Ion:284 Resp: 1476
Ion Ratio Lower Upper
284 100
142 32.1 24.7 37.1
249 31.8 25.4 38.2

Manual Integrations
APPROVED

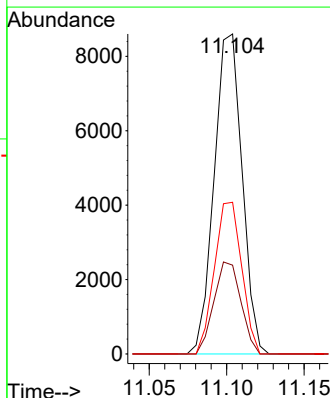
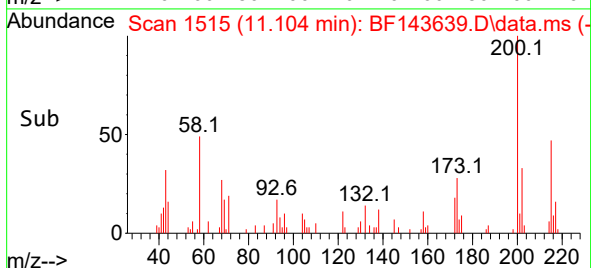
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

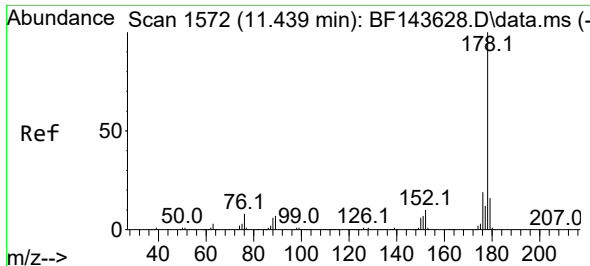


#69
Atrazine
Concen: 4.416 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



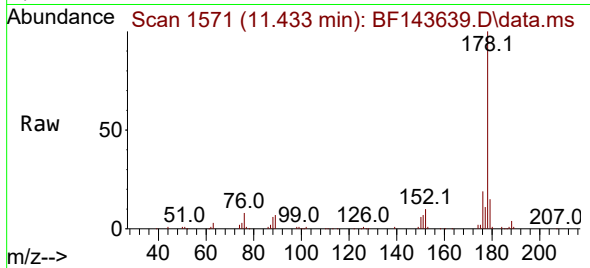
Tgt Ion:200 Resp: 10784
Ion Ratio Lower Upper
200 100
173 27.8 6.4 46.4
215 47.4 26.9 66.9





#71
Phenanthrene
Concen: 4.958 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

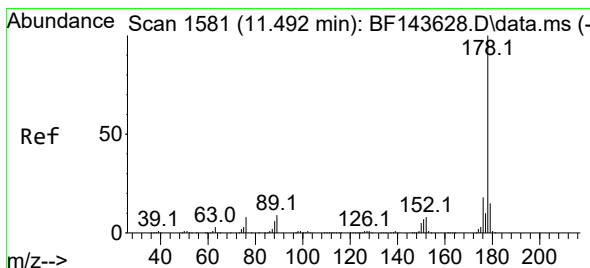
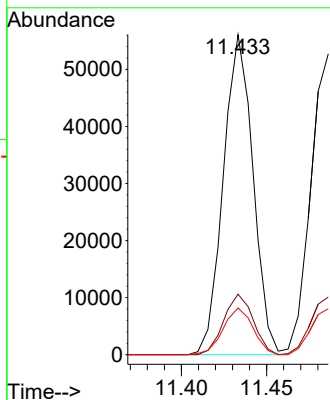
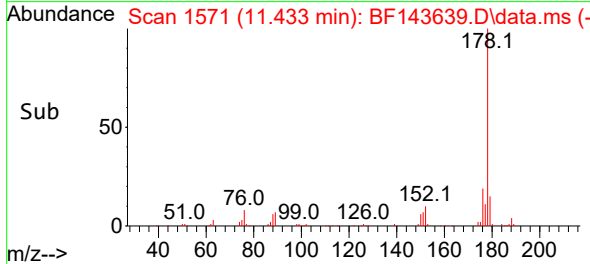
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:178 Resp: 67840
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 14.6 12.4 18.6

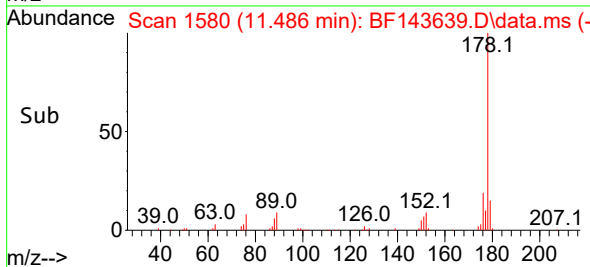
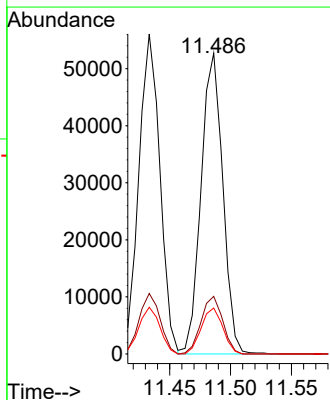
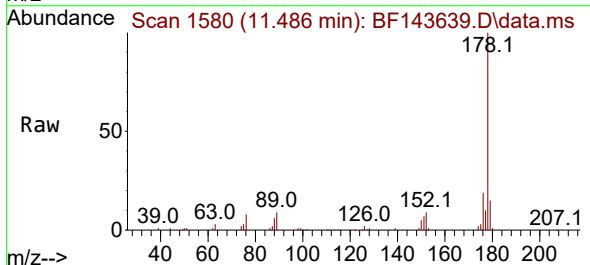
Manual Integrations
APPROVED

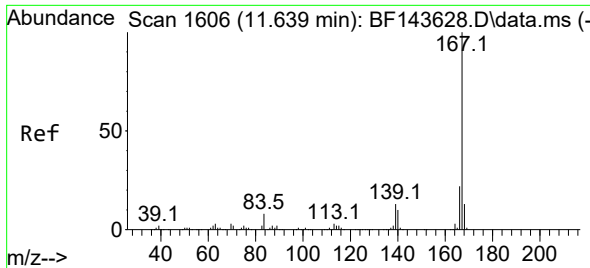
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#72
Anthracene
Concen: 4.762 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

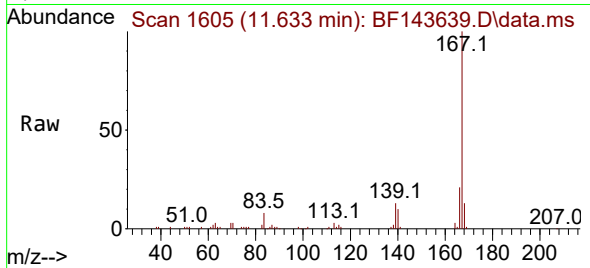
Tgt Ion:178 Resp: 65364
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 4.802 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143639.D
 Acq: 04 Sep 2025 12:46

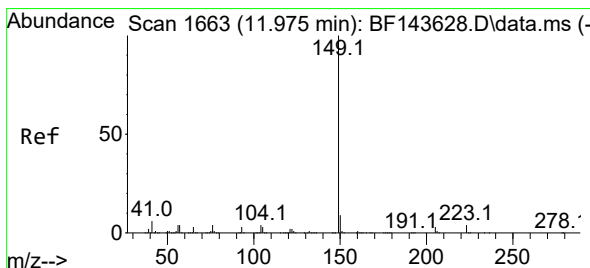
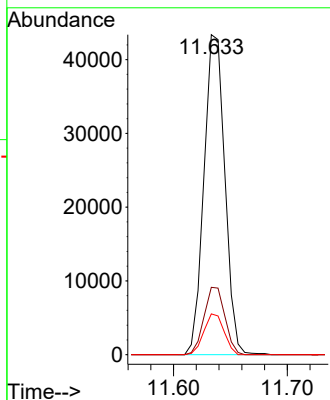
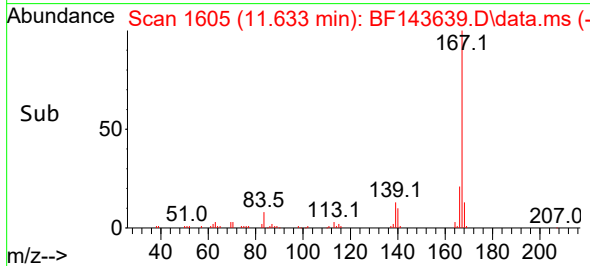
Instrument : BNA_F
 ClientSampleId : LOQ-SOIL-02-QT3-2025



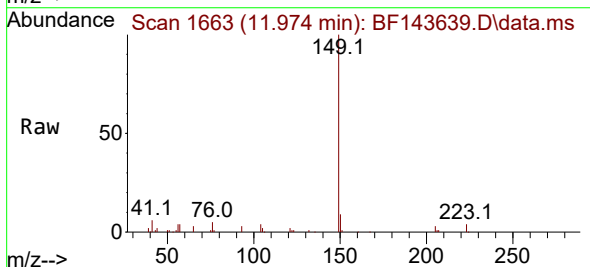
Tgt Ion:167 Resp: 55549
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.7 10.3 15.5

Manual Integrations
 APPROVED

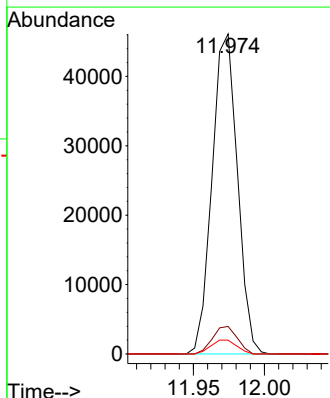
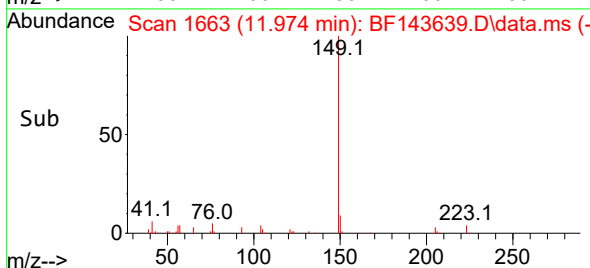
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

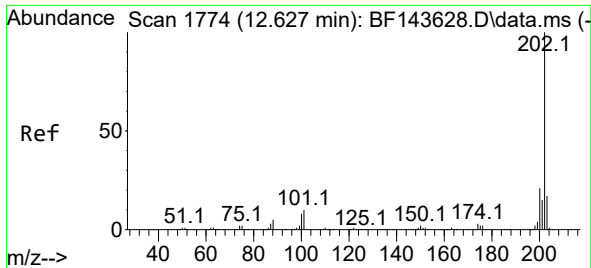


#74
 Di-n-butylphthalate
 Concen: 4.405 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.000 min
 Lab File: BF143639.D
 Acq: 04 Sep 2025 12:46



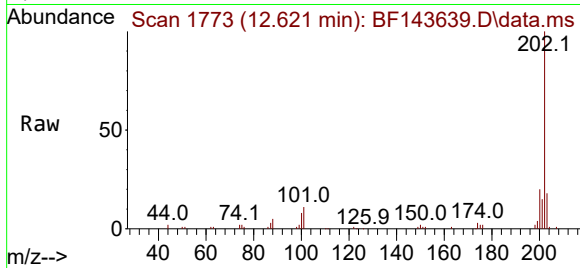
Tgt Ion:149 Resp: 57215
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 4.845 ng
RT: 12.621 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

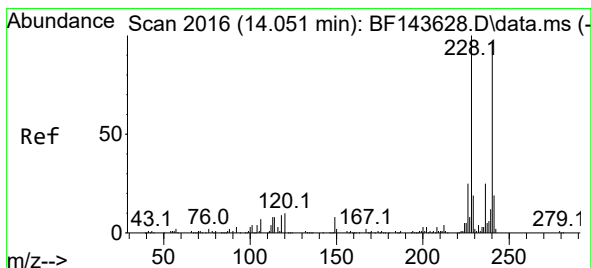
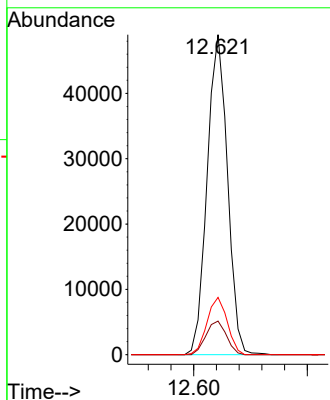
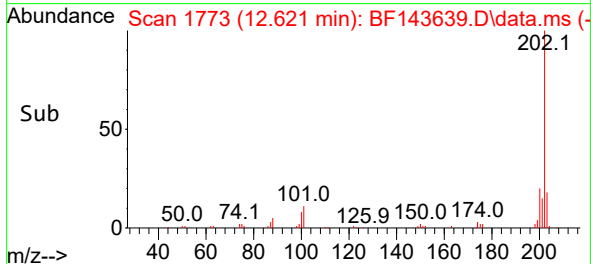
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



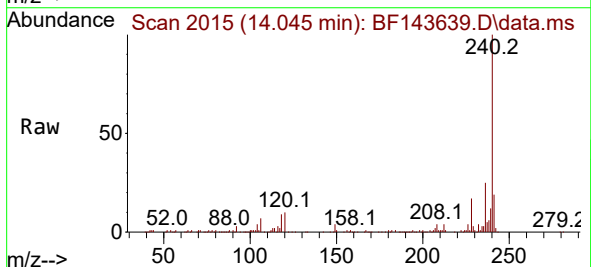
Tgt Ion:202 Resp: 60889
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.9 0.0 37.3

Manual Integrations
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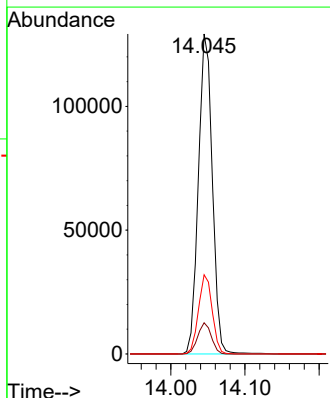
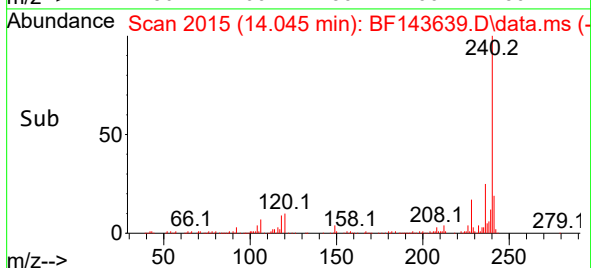
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

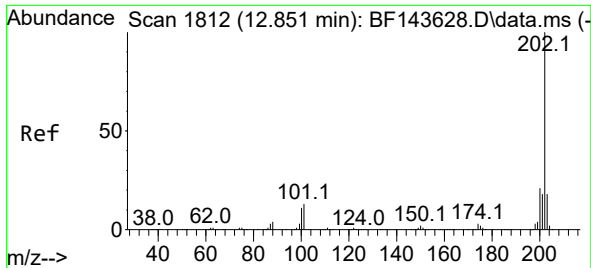


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



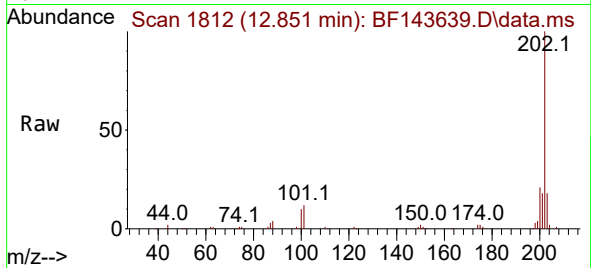
Tgt Ion:240 Resp: 168907
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 24.8 20.5 30.7





#78
Pyrene
Concen: 4.381 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46

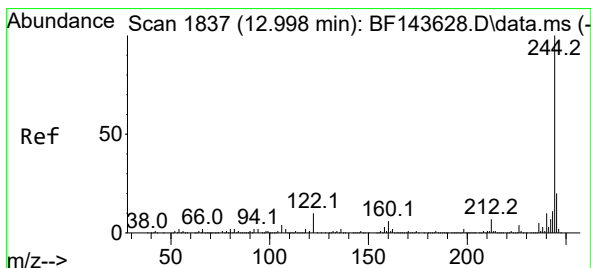
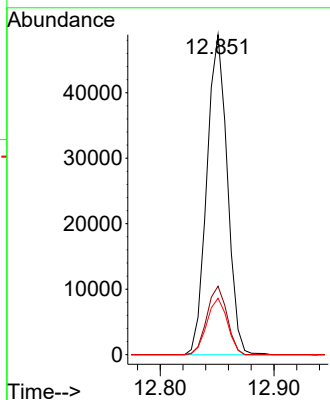
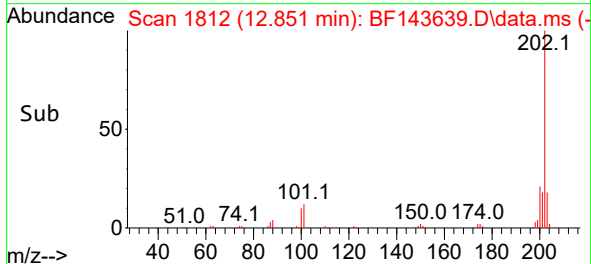
Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2025



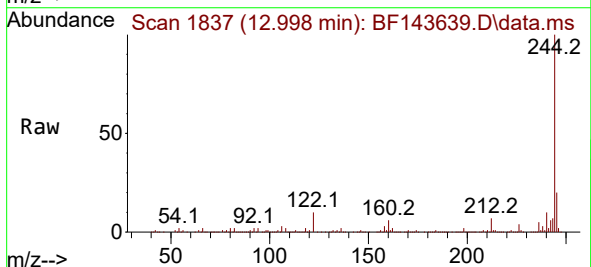
Tgt Ion:202 Resp: 61064
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.6 14.0 21.0

Manual Integrations
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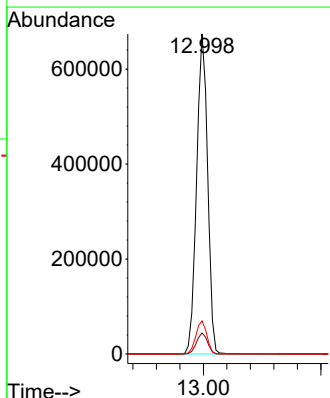
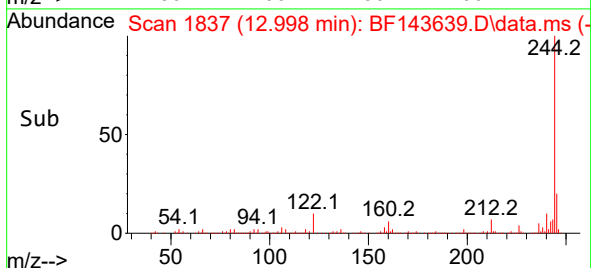
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

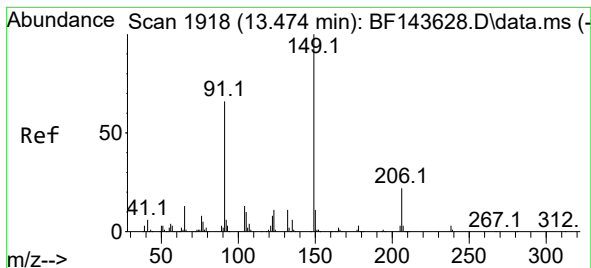


#79
Terphenyl-d14
Concen: 86.456 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF143639.D
Acq: 04 Sep 2025 12:46



Tgt Ion:244 Resp: 876410
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.4 8.3 12.5





#80

Butylbenzylphthalate

Concen: 6.262 ng

RT: 13.468 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

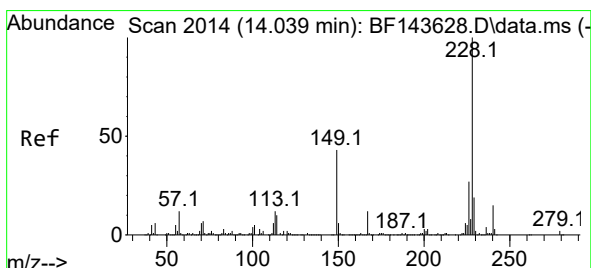
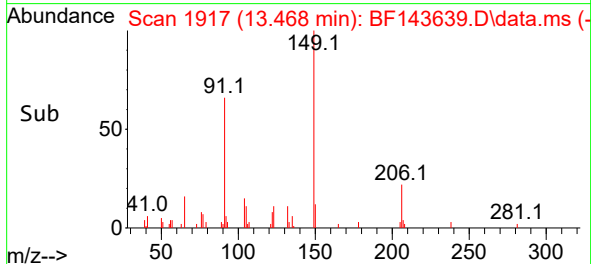
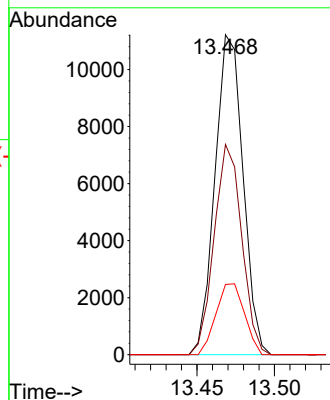
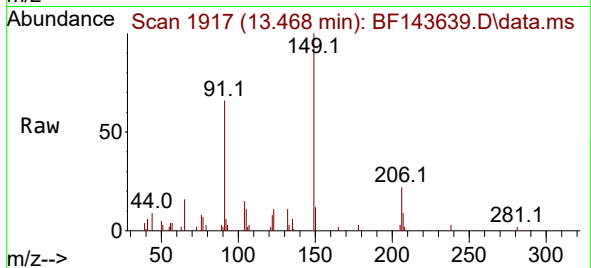
Tgt Ion:149	Resp:	14129
Ion Ratio	Lower	Upper
149	100	
91	65.7	53.0 79.4
206	21.9	17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#81

Benzo(a)anthracene

Concen: 4.732 ng

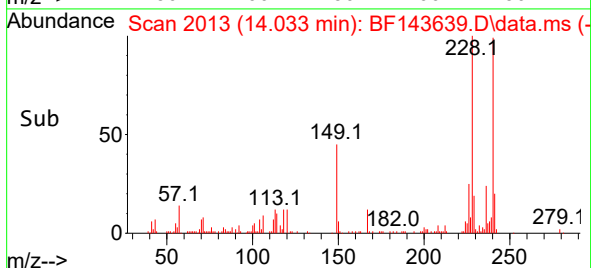
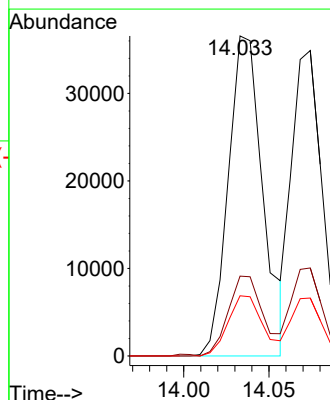
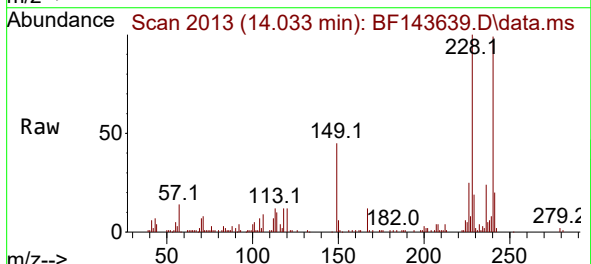
RT: 14.033 min Scan# 2013

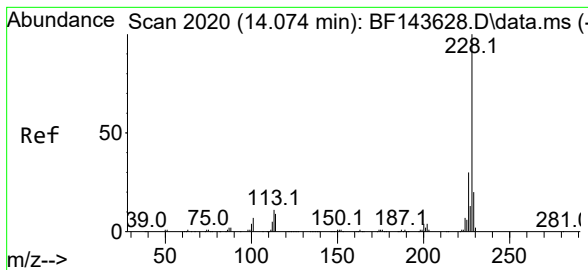
Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Tgt Ion:228	Resp:	51770
Ion Ratio	Lower	Upper
228	100	
226	25.0	21.4 32.2
229	18.8	15.5 23.3





#83

Chrysene

Concen: 4.372 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

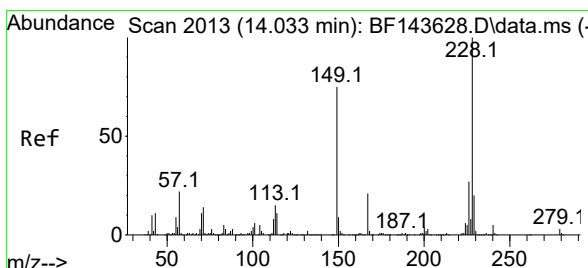
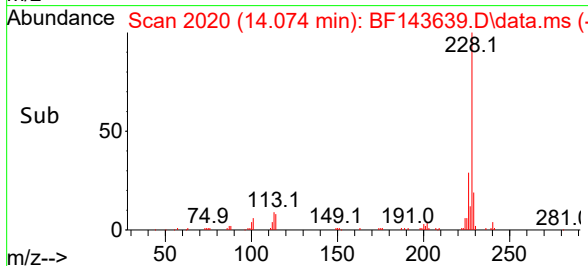
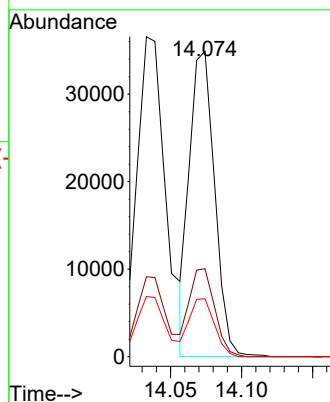
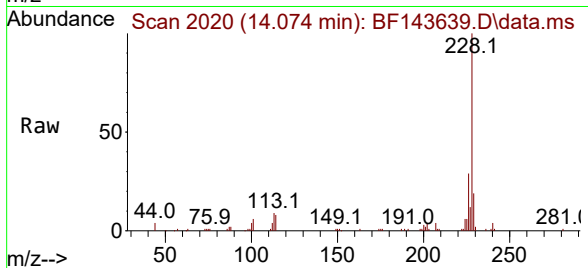
Tgt Ion:228	Resp: 42999
Ion Ratio	Lower Upper
228 100	
226 28.8	23.8 35.6
229 19.0	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.127 ng

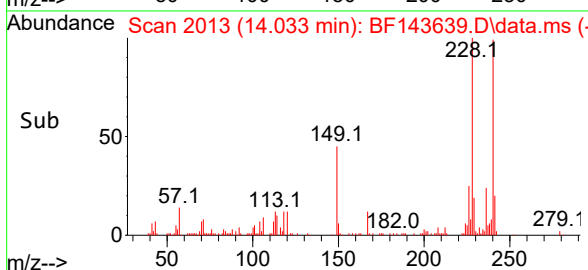
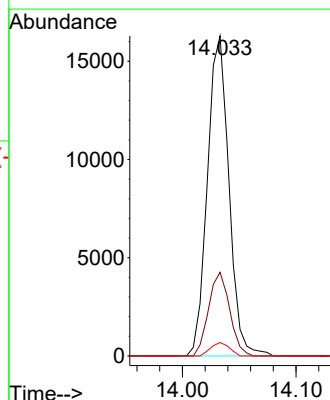
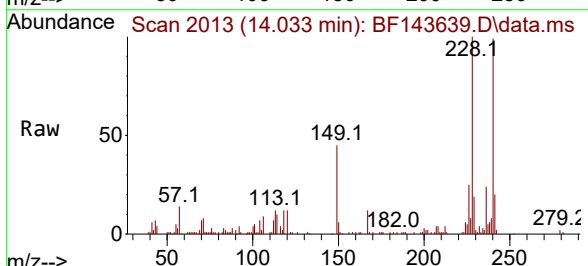
RT: 14.033 min Scan# 2013

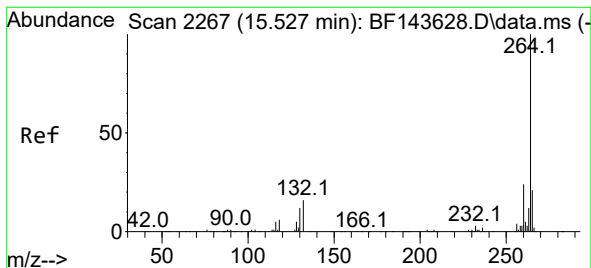
Delta R.T. 0.000 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Tgt Ion:149	Resp: 21422
Ion Ratio	Lower Upper
149 100	
167 26.1	22.1 33.1
279 4.2	3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143639.D

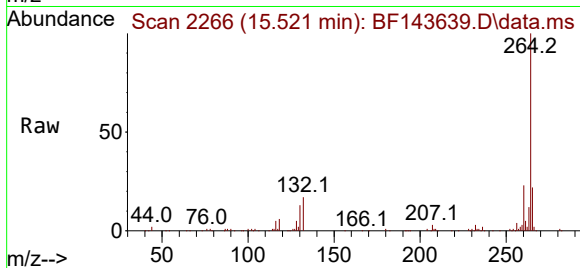
Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025



Tgt Ion:264 Resp: 153590

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

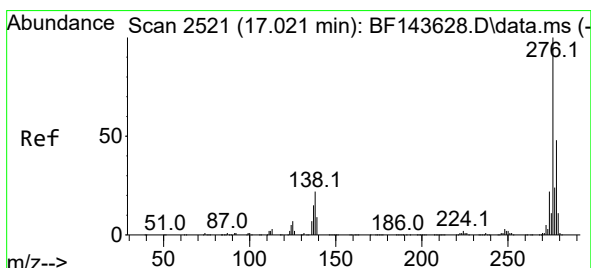
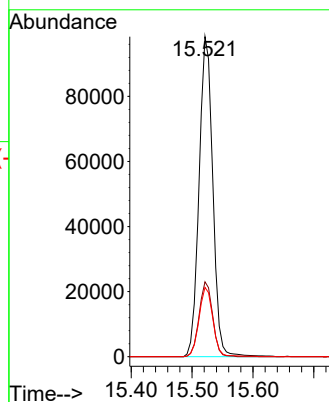
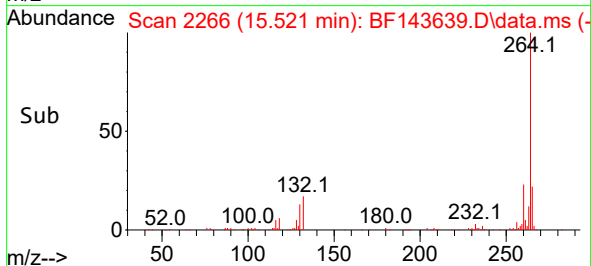
265 21.6 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.378 ng

RT: 17.003 min Scan# 2518

Delta R.T. -0.018 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

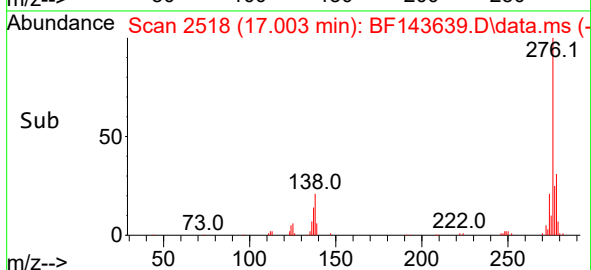
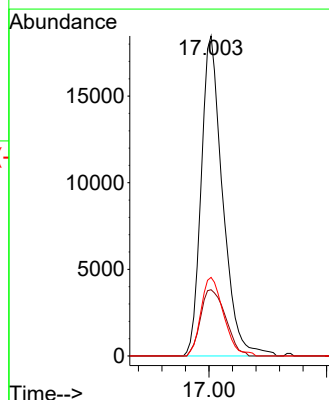
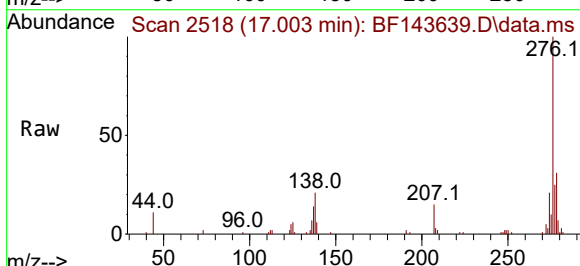
Tgt Ion:276 Resp: 46873

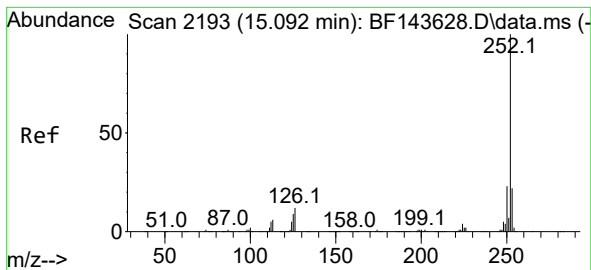
Ion Ratio Lower Upper

276 100

138 24.2 19.8 29.6

277 25.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 4.094 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:252 Resp: 3788

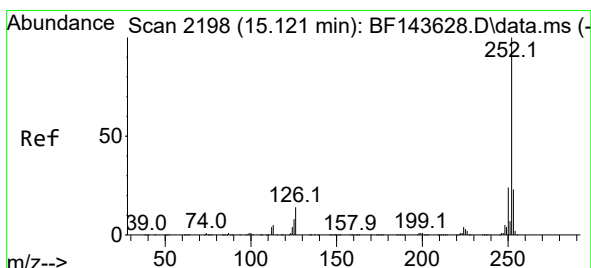
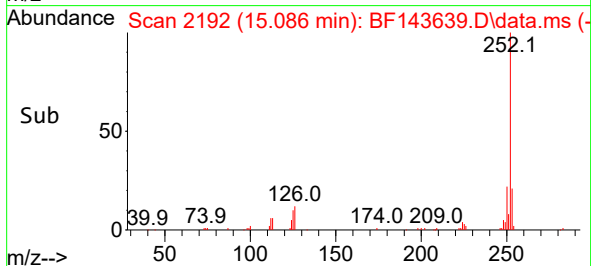
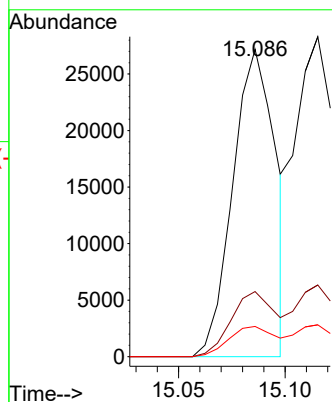
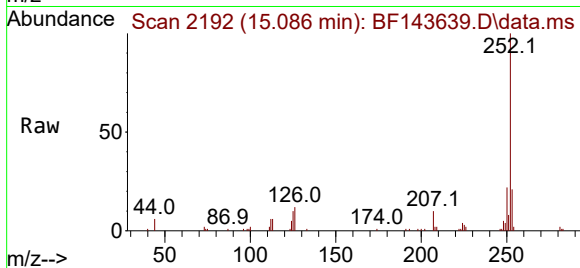
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.8	7.4	11.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#89

Benzo(k)fluoranthene

Concen: 5.046 ng

RT: 15.115 min Scan# 2197

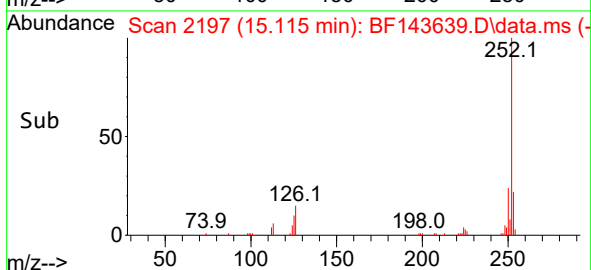
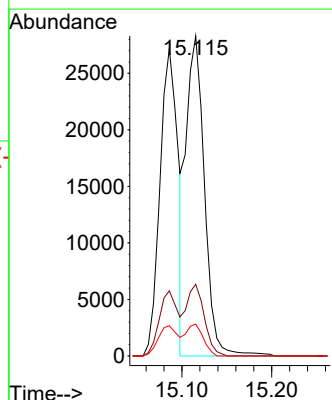
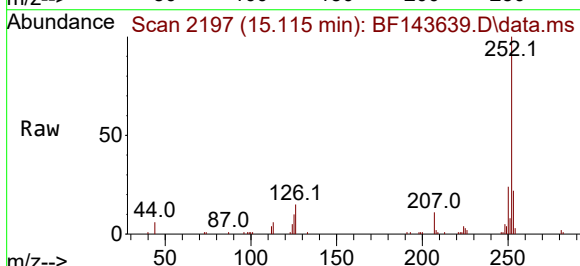
Delta R.T. -0.006 min

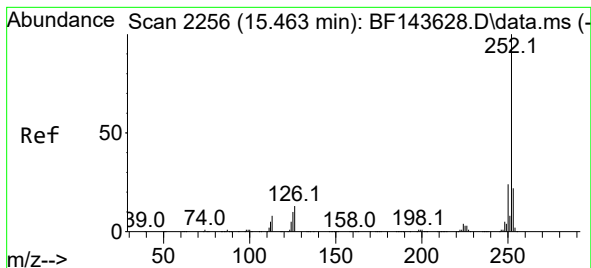
Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Tgt Ion:252 Resp: 40382

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.9	7.3	10.9





#90

Benzo(a)pyrene

Concen: 4.567 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2025

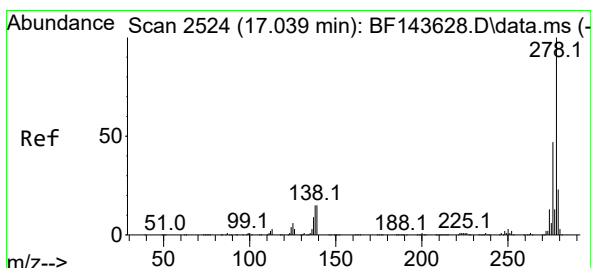
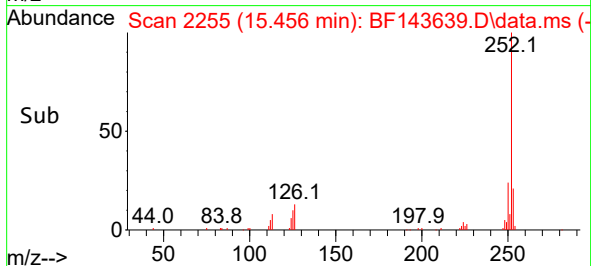
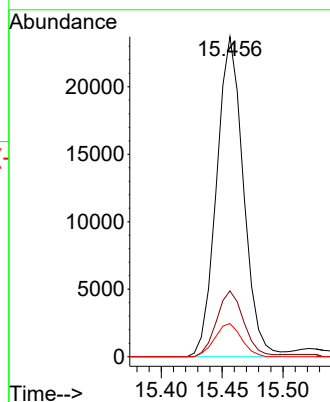
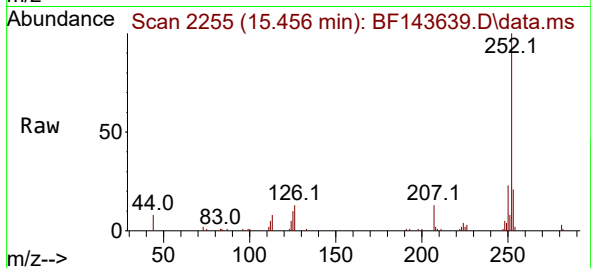
Tgt Ion:	252	Resp:	3632
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.4	26.2
125	10.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#91

Dibenzo(a,h)anthracene

Concen: 4.339 ng

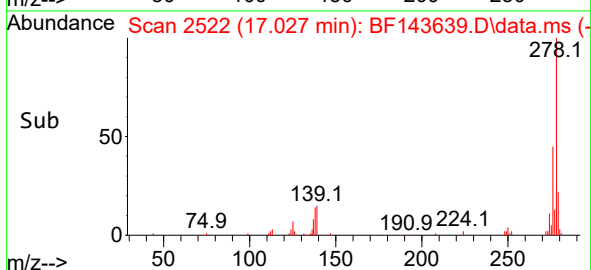
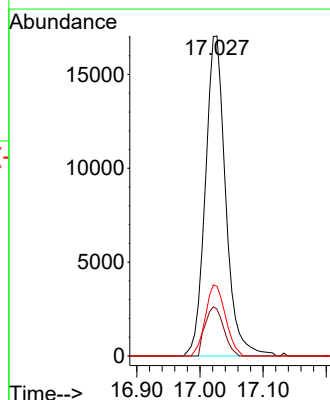
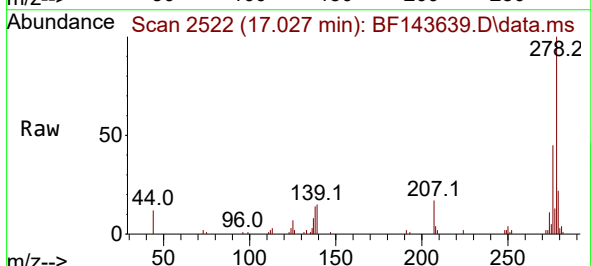
RT: 17.027 min Scan# 2522

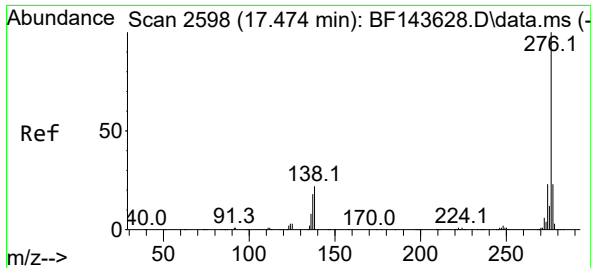
Delta R.T. -0.012 min

Lab File: BF143639.D

Acq: 04 Sep 2025 12:46

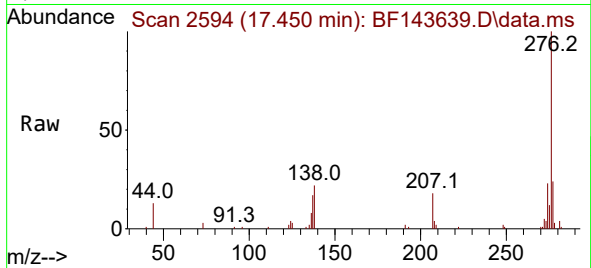
Tgt Ion:	278	Resp:	38209
Ion Ratio	Lower	Upper	
278	100		
139	14.6	12.4	18.6
279	21.8	18.7	28.1





#92
 Benzo(g,h,i)perylene
 Concen: 4.379 ng
 RT: 17.450 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF143639.D
 Acq: 04 Sep 2025 12:46

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



Tgt Ion:276	Resp:	37140
Ion Ratio	Lower	Upper
276	100	
277	23.9	18.7 28.1
138	22.4	17.2 25.8

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

