

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143123.D
 Acq On : 16 Jul 2025 22:38
 Operator : RC/JU
 Sample : Q2592-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711MSD

Quant Time: Jul 17 03:46:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	155046	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	589623	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	296871	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	461806	20.000	ng	0.00
76) Chrysene-d12	14.127	240	242870	20.000	ng	0.00
86) Perylene-d12	15.633	264	288284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	985165	100.389	ng	0.02
7) Phenol-d6	6.587	99	1187920	96.301	ng	0.00
23) Nitrobenzene-d5	7.522	82	868402	82.622	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	335959	126.918	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1531577	68.578	ng	0.00
79) Terphenyl-d14	13.074	244	1141518	68.707	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.051	88	158532	32.453	ng	# 88
3) Pyridine	3.746	79	359677	29.076	ng	99
4) n-Nitrosodimethylamine	3.657	42	235146	36.690	ng	99
6) Aniline	6.628	93	248322	14.295	ng	99
8) 2-Chlorophenol	6.751	128	399351	40.503	ng	98
9) Benzaldehyde	6.516	77	208065	22.136	ng	99
10) Phenol	6.604	94	474280	35.516	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	401788	38.865	ng	100
12) 1,3-Dichlorobenzene	6.910	146	401439	36.039	ng	99
13) 1,4-Dichlorobenzene	6.986	146	403710	36.025	ng	99
14) 1,2-Dichlorobenzene	7.139	146	390356	36.527	ng	100
15) Benzyl Alcohol	7.098	79	377846	41.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	712236	37.375	ng	99
17) 2-Methylphenol	7.210	107	341828	40.174	ng	99
18) Hexachloroethane	7.486	117	140139	38.414	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	303492	40.159	ng	99
20) 3+4-Methylphenols	7.363	107	420120	40.262	ng	97
22) Acetophenone	7.369	105	555372	39.074	ng	# 93
24) Nitrobenzene	7.545	77	436738	43.043	ng	99
25) Isophorone	7.781	82	836111	41.156	ng	99
26) 2-Nitrophenol	7.857	139	183091	45.388	ng	97
27) 2,4-Dimethylphenol	7.892	122	393628	41.746	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	511274	41.502	ng	99
29) 2,4-Dichlorophenol	8.098	162	331282	42.946	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	342733	39.150	ng	98
31) Naphthalene	8.269	128	1148259	39.217	ng	100
33) 4-Chloroaniline	8.310	127	45970	3.904	ng	98
34) Hexachlorobutadiene	8.392	225	205545	39.259	ng	99
35) Caprolactam	8.663	113	86853m	36.057	ng	
36) 4-Chloro-3-methylphenol	8.786	107	366909	42.700	ng	98
37) 2-Methylnaphthalene	8.963	142	713317	40.837	ng	100
38) 1-Methylnaphthalene	9.063	142	735969	40.624	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	345751	39.964	ng	99
41) Hexachlorocyclopentadiene	9.122	237	383185	79.887	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	237559	44.192	ng	98
44) 2,4,5-Trichlorophenol	9.275	196	243096	43.128	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.428	154	957169	40.430	ng	99
47) 2-Chloronaphthalene	9.451	162	694587	39.937	ng	99
48) 2-Nitroaniline	9.539	65	227895	44.159	ng	96
49) Acenaphthylene	9.869	152	1183859	40.849	ng	99
50) Dimethylphthalate	9.722	163	822343	44.031	ng	100
51) 2,6-Dinitrotoluene	9.780	165	167499	45.539	ng	91
52) Acenaphthene	10.039	154	682900	39.930	ng	100
53) 3-Nitroaniline	9.945	138	97193	24.084	ng	99
54) 2,4-Dinitrophenol	10.045	184	22054	24.116	ng	# 1
55) Dibenzofuran	10.210	168	1040598	40.822	ng	99
56) 4-Nitrophenol	10.098	139	226579	70.644	ng	97
57) 2,4-Dinitrotoluene	10.180	165	214229	46.591	ng	99
58) Fluorene	10.557	166	764679	40.011	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	199674	44.577	ng	98
60) Diethylphthalate	10.422	149	771529	42.818	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	381957	41.698	ng	99
62) 4-Nitroaniline	10.557	138	152045	43.324	ng	98
63) Azobenzene	10.704	77	841015	42.203	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	29165	22.144	ng	98
66) n-Nitrosodiphenylamine	10.663	169	682136	42.051	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	230049	43.804	ng	98
68) Hexachlorobenzene	11.104	284	243166	43.638	ng	97
69) Atrazine	11.180	200	192588	46.405	ng	96
70) Pentachlorophenol	11.292	266	218021	71.314	ng	99
71) Phenanthrene	11.516	178	1028670	41.274	ng	100
72) Anthracene	11.569	178	1040808	41.528	ng	99
73) Carbazole	11.716	167	918194	40.894	ng	100
74) Di-n-butylphthalate	12.051	149	973531	47.235	ng	100
75) Fluoranthene	12.704	202	940517	41.503	ng	99
77) Benzidine	12.816	184	133752	16.165	ng	99
78) Pyrene	12.933	202	913146	40.522	ng	99
80) Butylbenzylphthalate	13.545	149	226545	49.895	ng	98
81) Benzo(a)anthracene	14.121	228	700338	43.273	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	72202	15.363	ng	99
83) Chrysene	14.157	228	626869	42.056	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	344266	50.248	ng	100
85) Di-n-octyl phthalate	14.727	149	680638	52.034	ng	98
87) Indeno(1,2,3-cd)pyrene	17.180	276	928932	43.324	ng	99
88) Benzo(b)fluoranthene	15.192	252	707624	42.554	ng	99
89) Benzo(k)fluoranthene	15.221	252	722763	45.560	ng	100
90) Benzo(a)pyrene	15.574	252	704754	44.811	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	764803	43.634	ng	99
92) Benzo(g,h,i)perylene	17.645	276	746877	41.795	ng	99

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

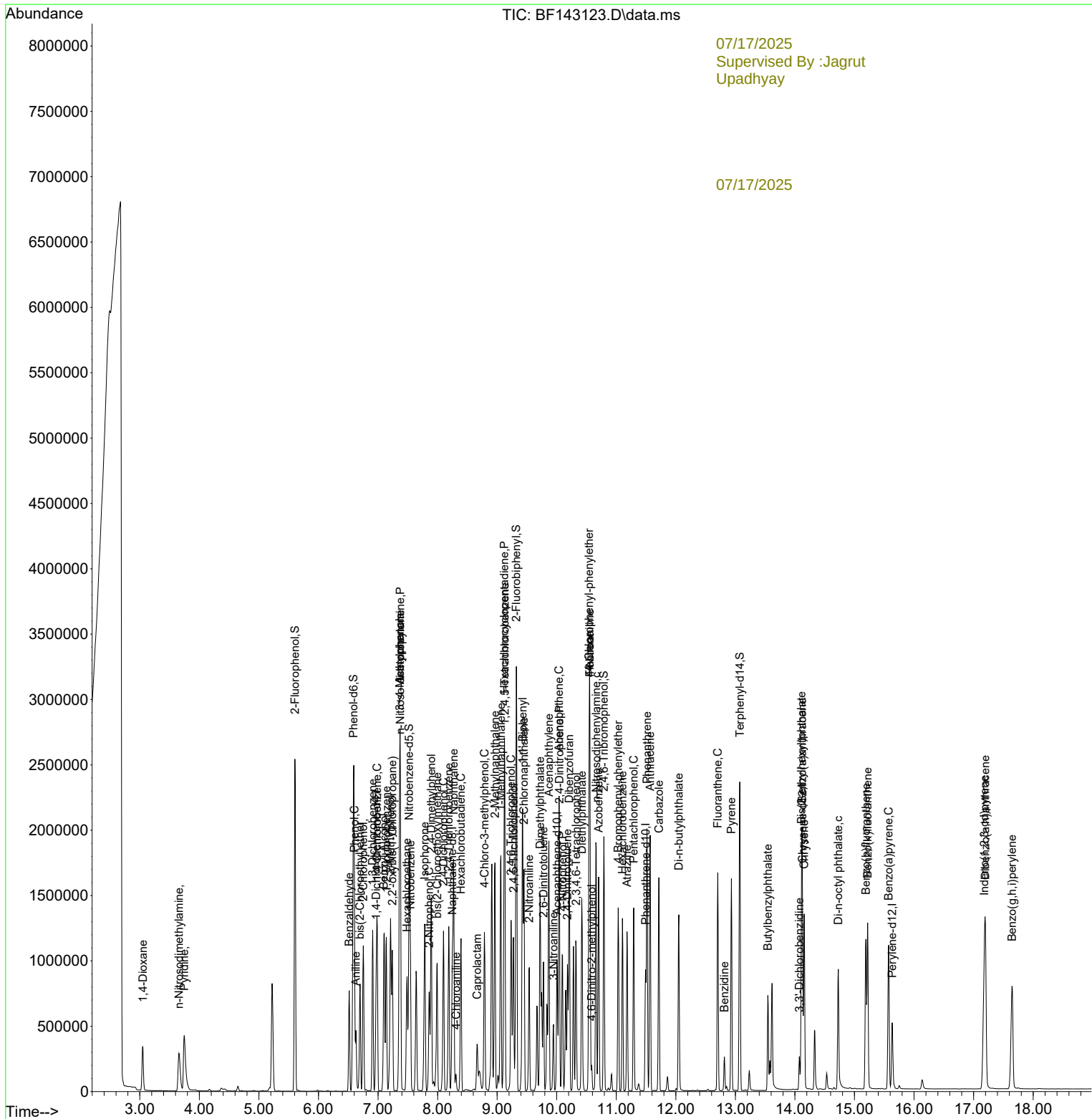
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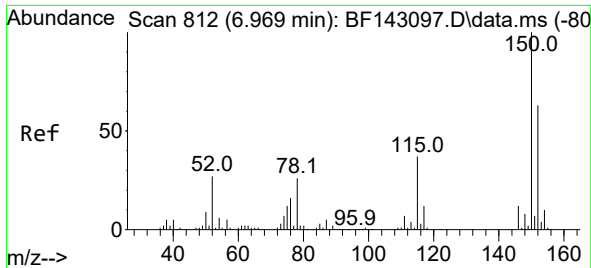
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Abundance TIC: BF143123.D\data.ms

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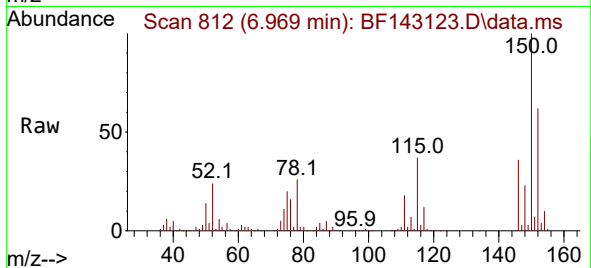
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143123.D
 Acq: 16 Jul 2025 22:38

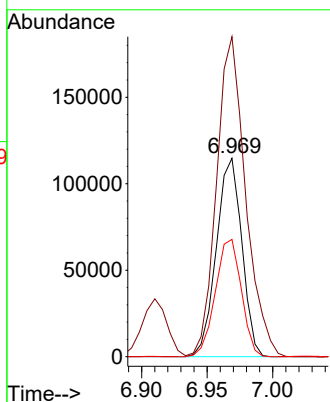
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711MSD



Tgt Ion:152 Resp: 155040
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.5 189.7
 115 59.1 47.0 70.6

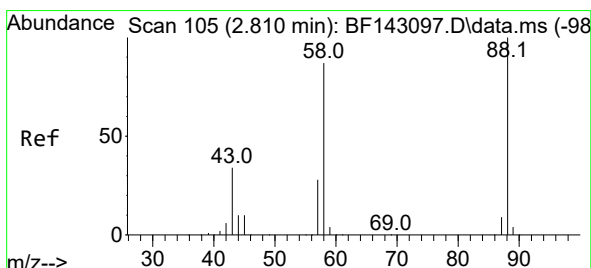
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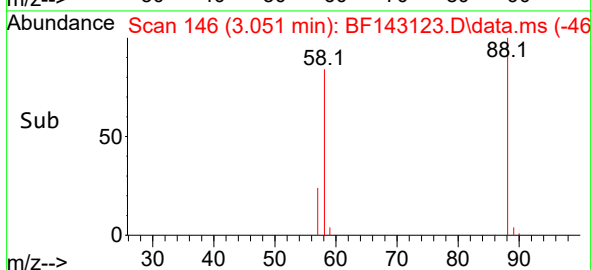
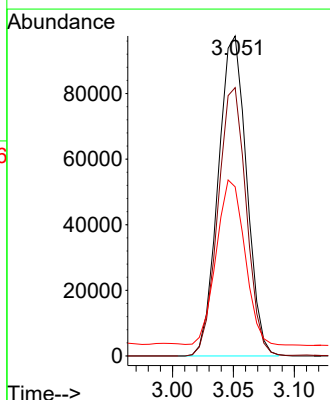
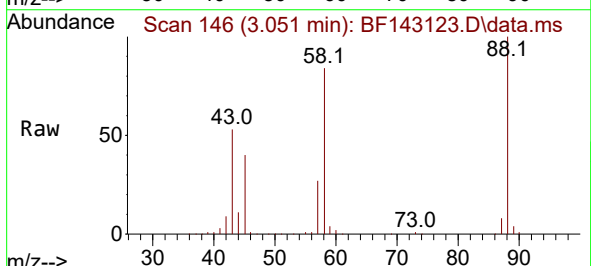
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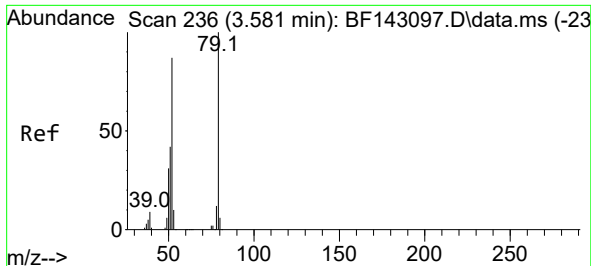
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#2
 1,4-Dioxane
 Concen: 32.453 ng
 RT: 3.051 min Scan# 146
 Delta R.T. 0.241 min
 Lab File: BF143123.D
 Acq: 16 Jul 2025 22:38

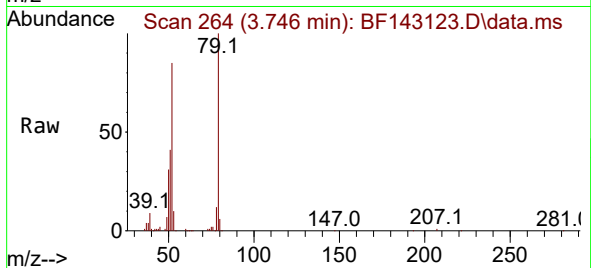
Tgt Ion: 88 Resp: 158532
 Ion Ratio Lower Upper
 88 100
 58 83.4 70.5 105.7
 43 51.5 27.3 40.9





#3
Pyridine
Concen: 29.076 ng
RT: 3.746 min Scan# 20
Delta R.T. 0.165 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

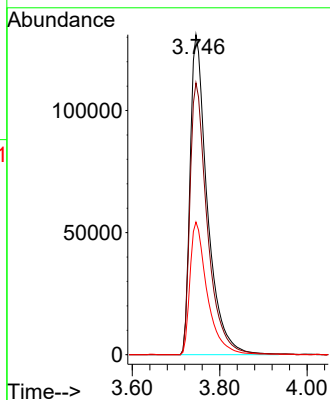
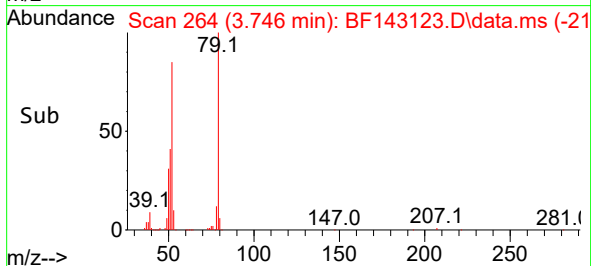
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion: 79 Resp: 35967
Ion Ratio Lower Upper
79 100
52 85.0 69.2 103.8
51 41.4 33.3 49.9

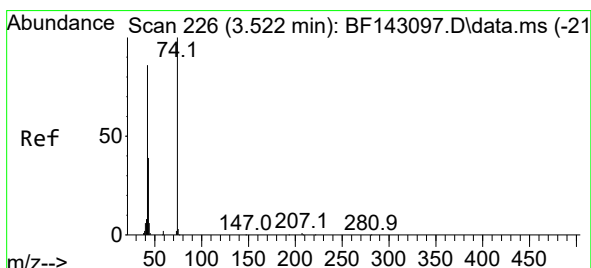
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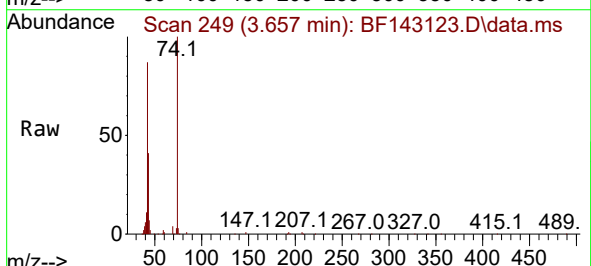


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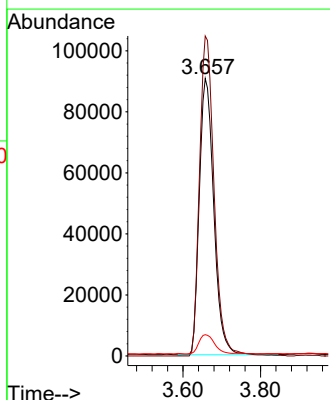
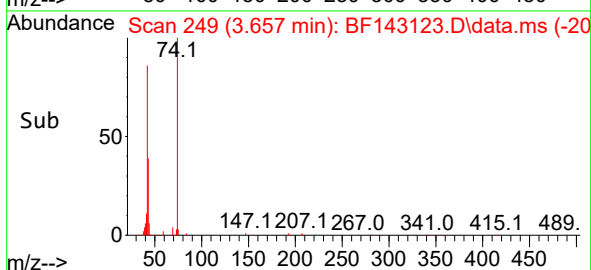
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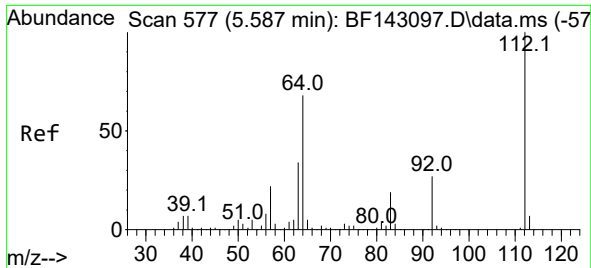


#4
n-Nitrosodimethylamine
Concen: 36.690 ng
RT: 3.657 min Scan# 249
Delta R.T. 0.135 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



Tgt Ion: 42 Resp: 235146
Ion Ratio Lower Upper
42 100
74 115.3 92.8 139.2
44 7.7 5.8 8.6





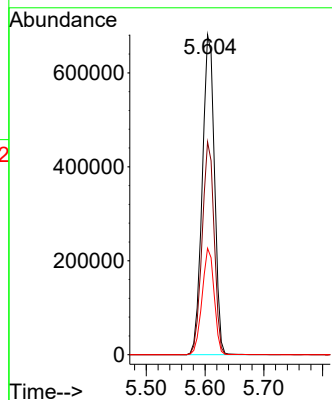
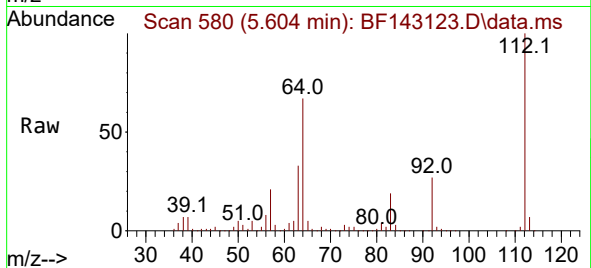
#5
2-Fluorophenol
Concen: 100.389 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD

Tgt Ion:112 Resp: 98516
Ion Ratio Lower Upper
112 100
64 66.5 54.6 82.0
63 33.2 27.3 40.9

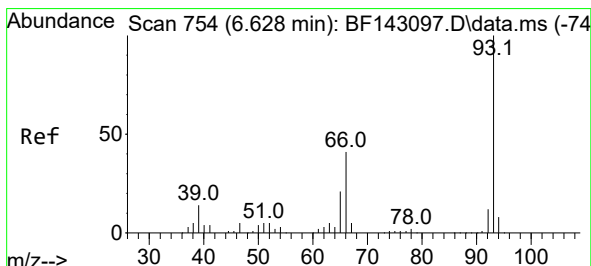
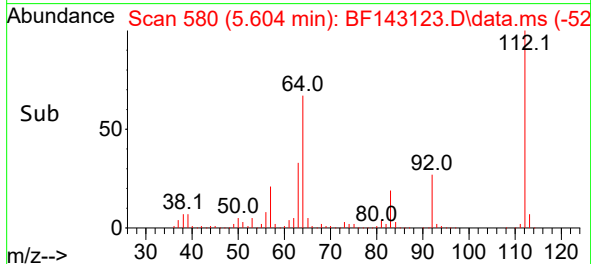
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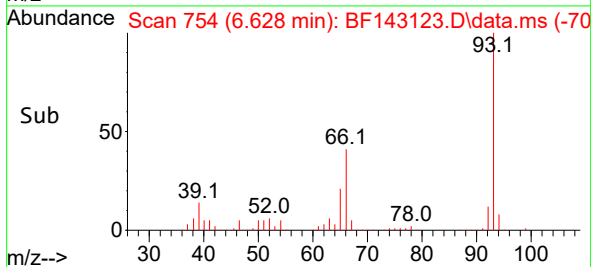
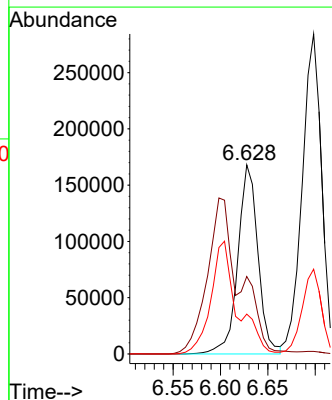
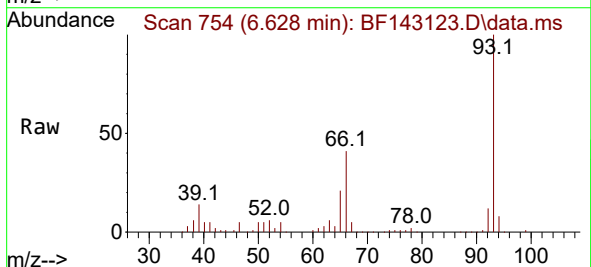
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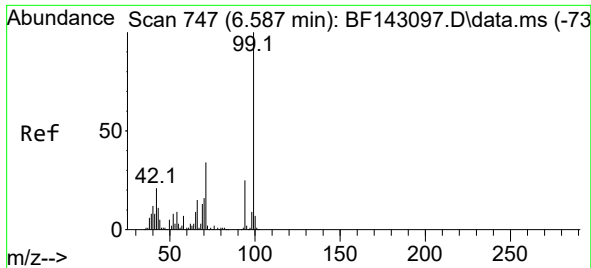
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#6
Aniline
Concen: 14.295 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

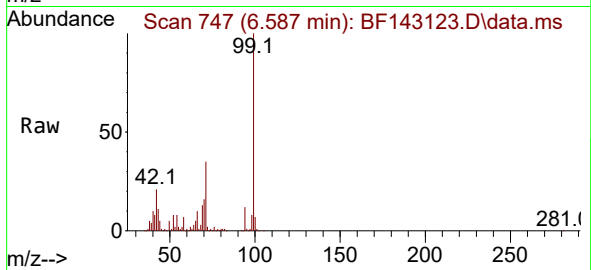
Tgt Ion: 93 Resp: 248322
Ion Ratio Lower Upper
93 100
66 40.9 33.1 49.7
65 21.1 16.9 25.3





#7
Phenol-d6
Concen: 96.301 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

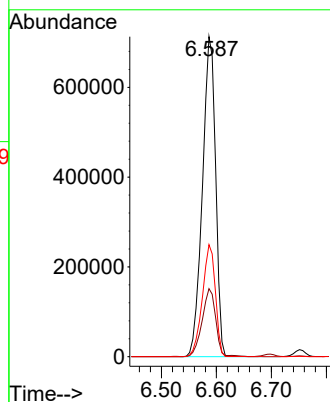
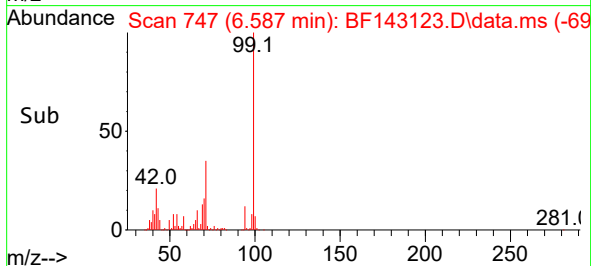
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion: 99 Resp: 1187920
Ion Ratio Lower Upper
99 100
42 21.2 17.2 25.8
71 35.0 27.4 41.0

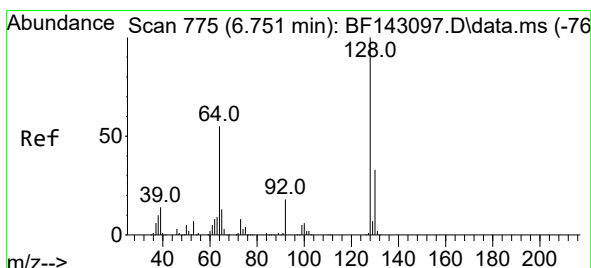
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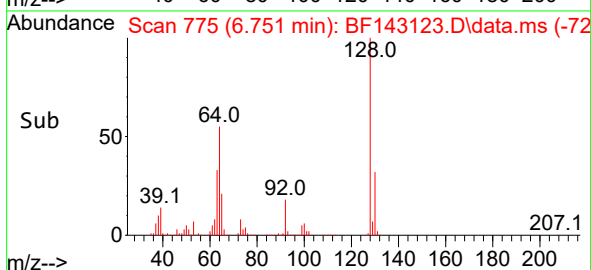
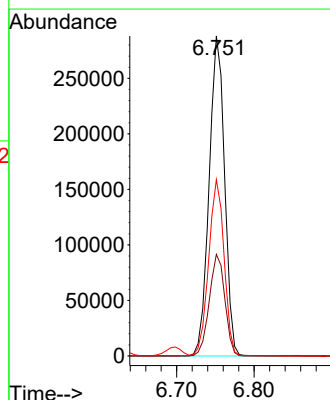
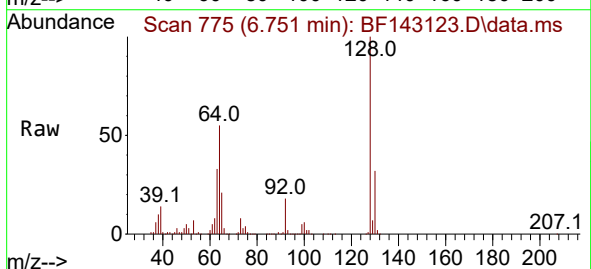
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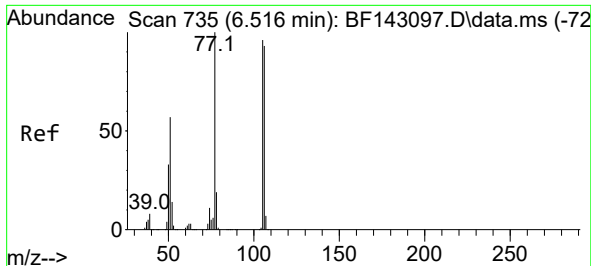
07/17/2025



#8
2-Chlorophenol
Concen: 40.503 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

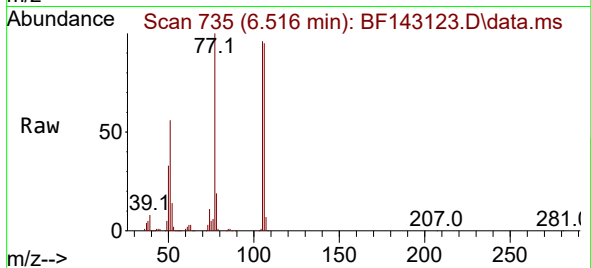
Tgt Ion:128 Resp: 399351
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 55.1 36.1 76.1





#9
Benzaldehyde
Concen: 22.136 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

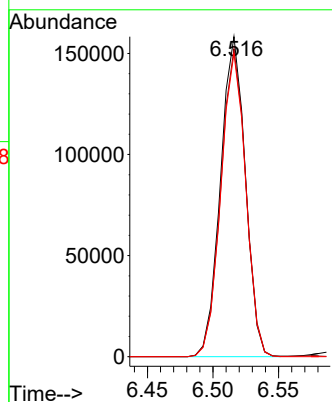
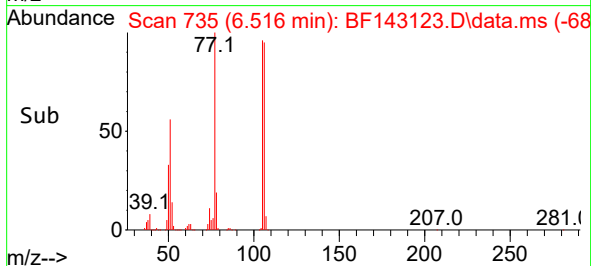
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion: 77 Resp: 20806
Ion Ratio Lower Upper
77 100
105 96.2 76.3 116.3
106 94.7 72.8 112.8

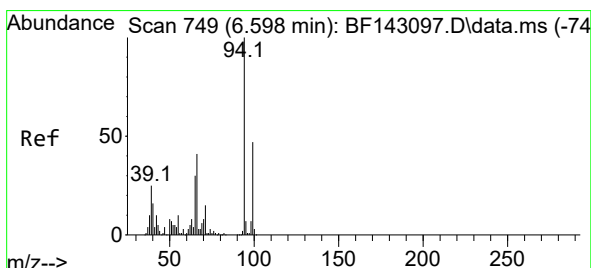
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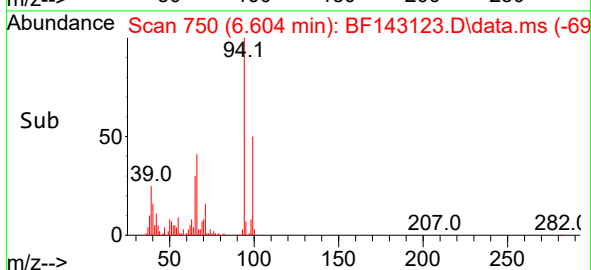
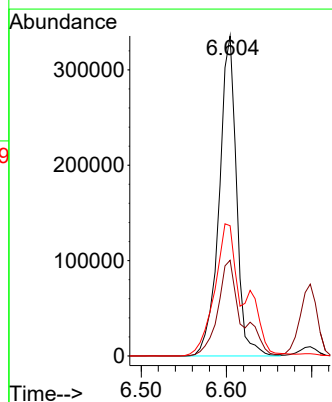
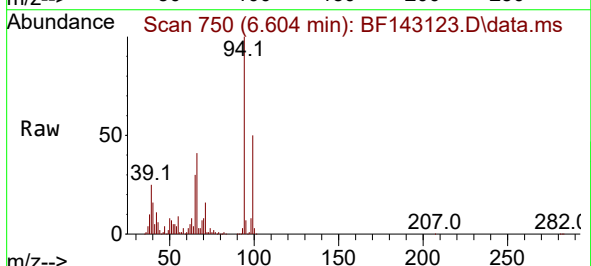
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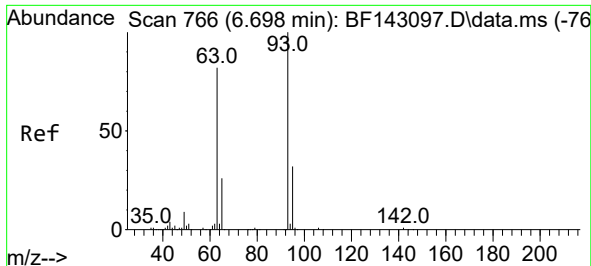
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#10
Phenol
Concen: 35.516 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

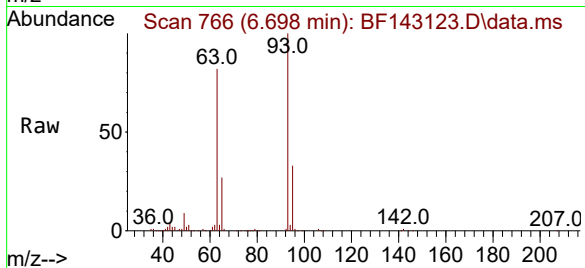
Tgt Ion: 94 Resp: 474280
Ion Ratio Lower Upper
94 100
65 29.9 9.8 49.8
66 40.7 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 38.865 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

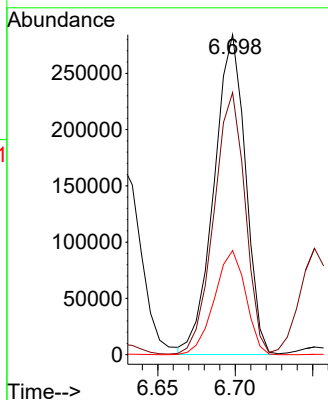
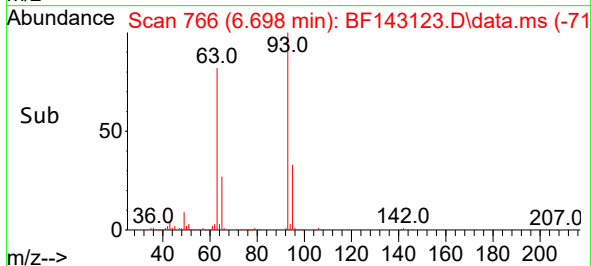
Instrument :
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Tgt Ion: 93 Resp: 401788
Ion Ratio Lower Upper
93 100
63 81.9 61.9 101.9
95 32.6 12.2 52.2

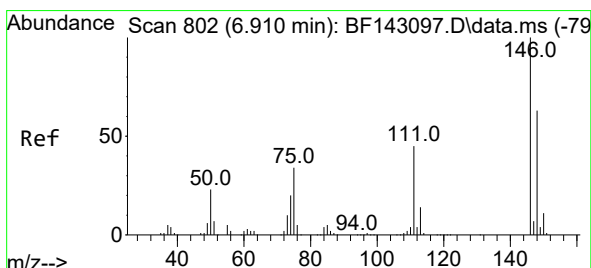
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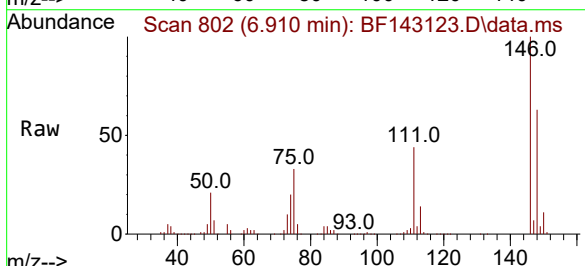


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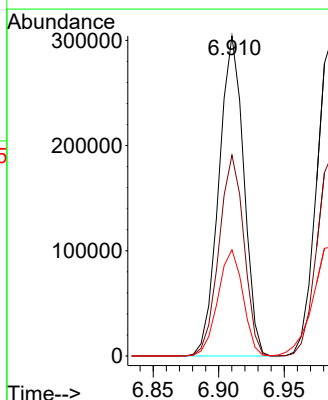
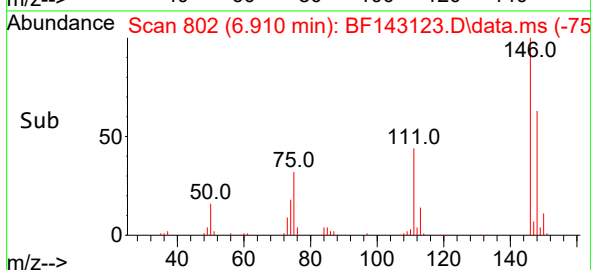
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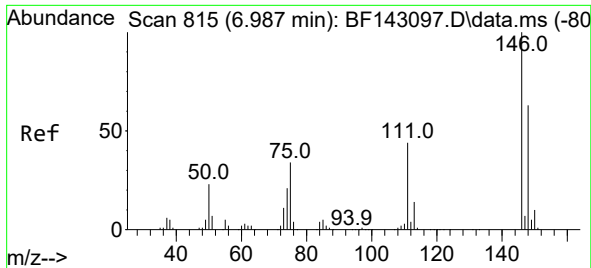


#12
1,3-Dichlorobenzene
Concen: 36.039 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



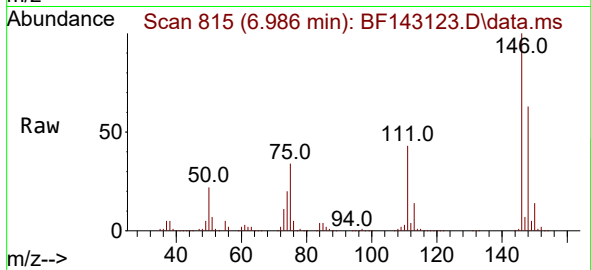
Tgt Ion:146 Resp: 401439
Ion Ratio Lower Upper
146 100
148 62.7 50.1 75.1
75 33.2 27.4 41.0





#13
1,4-Dichlorobenzene
Concen: 36.025 ng
RT: 6.986 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

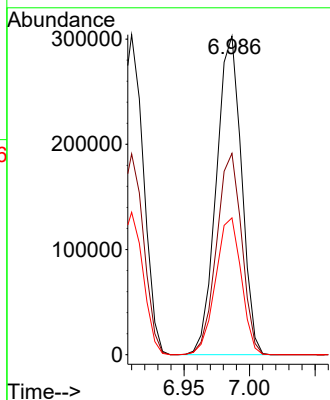
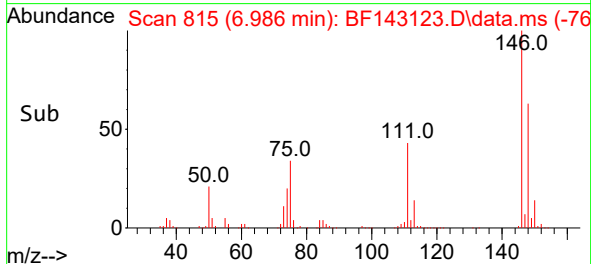
Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 403710
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
111 43.0 35.0 52.6

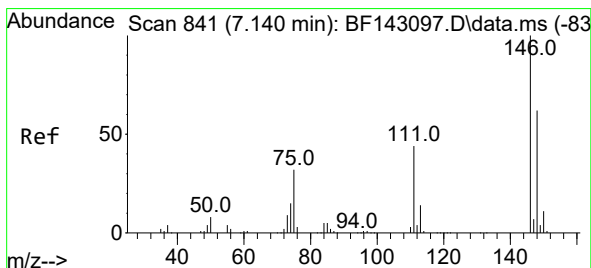
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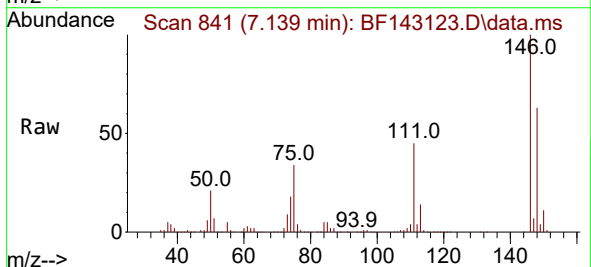


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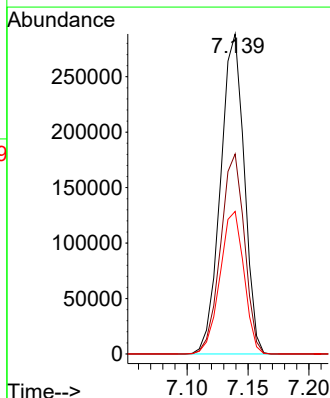
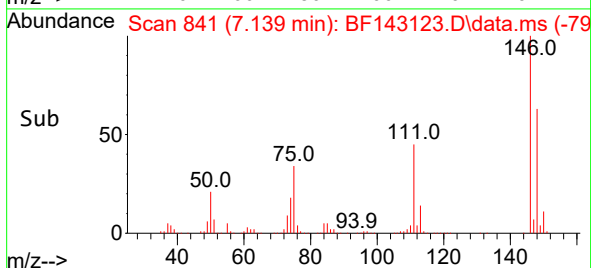
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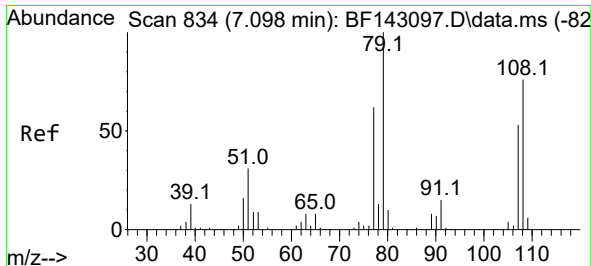


#14
1,2-Dichlorobenzene
Concen: 36.527 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



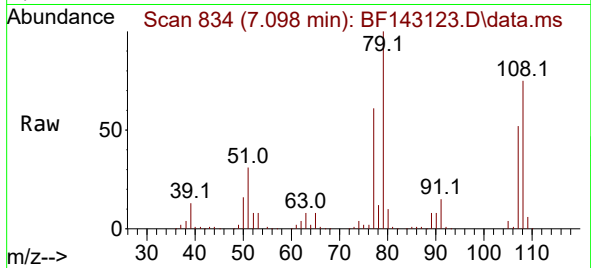
Tgt Ion:146 Resp: 390356
Ion Ratio Lower Upper
146 100
148 62.5 49.8 74.6
111 44.5 35.4 53.0





#15
Benzyl Alcohol
Concen: 41.339 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

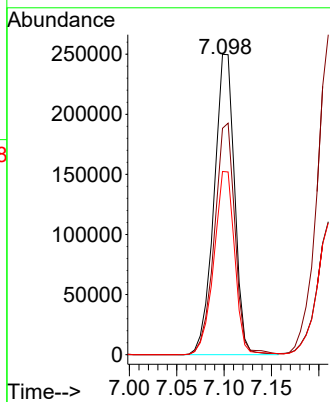
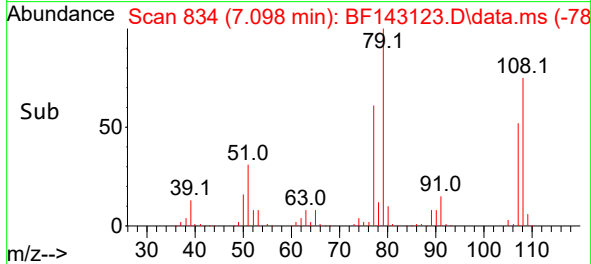
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 377840
Ion Ratio Lower Upper
79 100
108 75.4 61.1 91.7
77 61.0 49.9 74.9

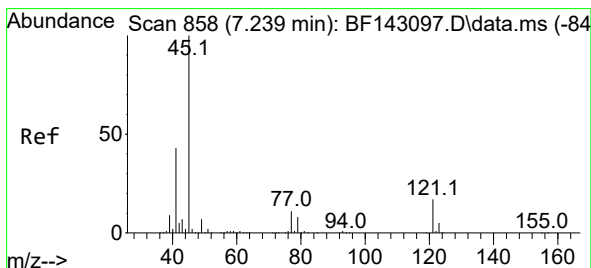
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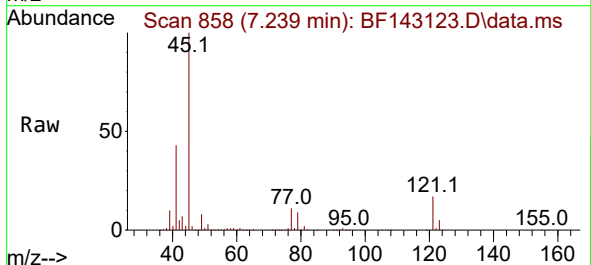


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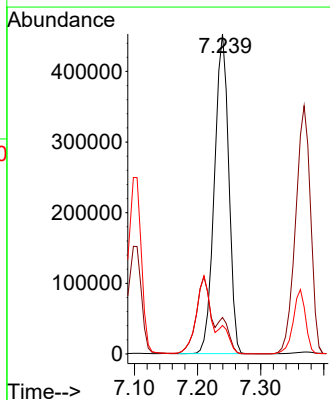
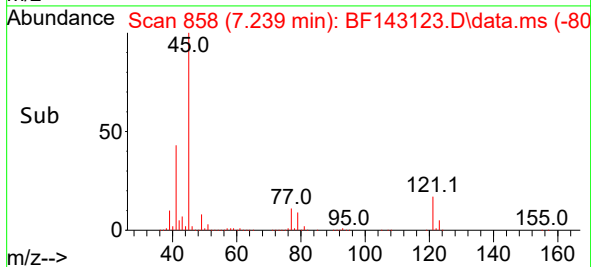
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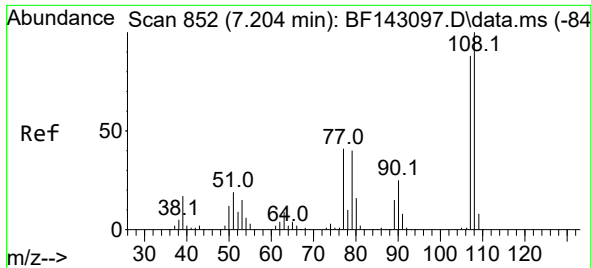


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.375 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



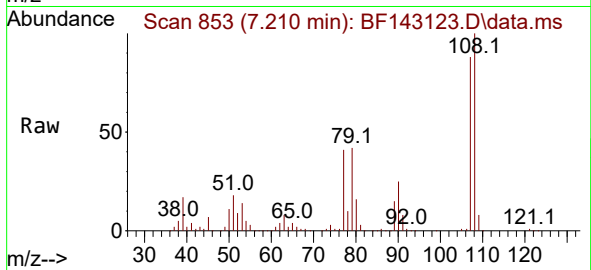
Tgt Ion: 45 Resp: 712236
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.1
79 8.9 0.0 28.4





#17
2-Methylphenol
Concen: 40.174 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

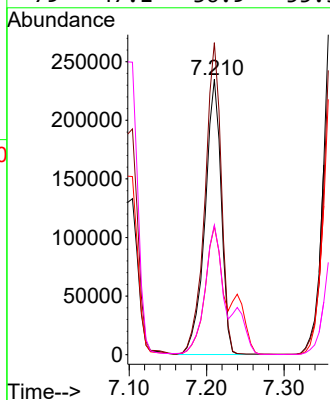
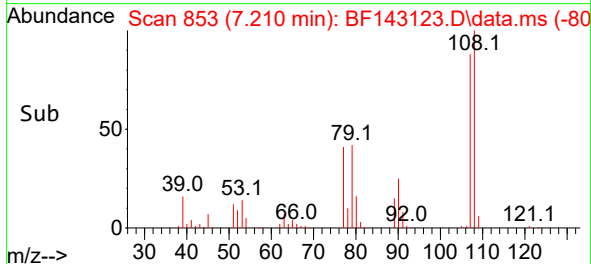
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:	107	Resp:	341828
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.9	136.3
77	46.7	37.5	56.3
79	47.1	36.9	55.3

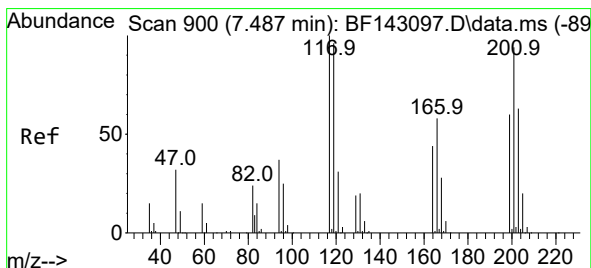
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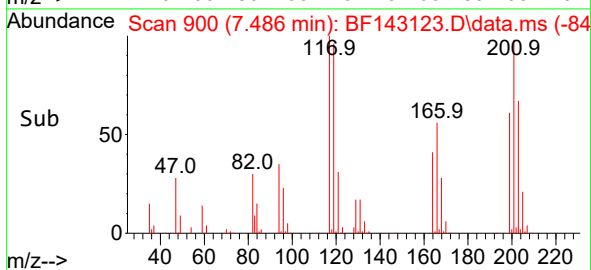
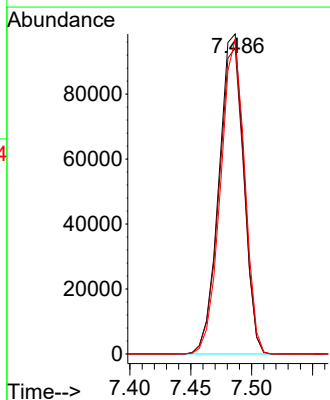
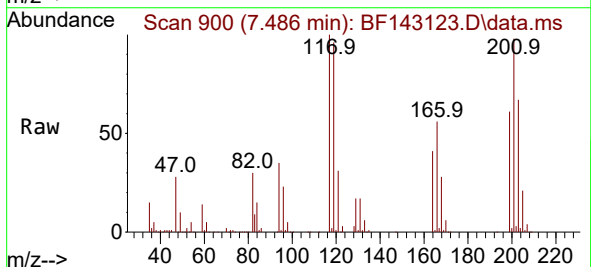
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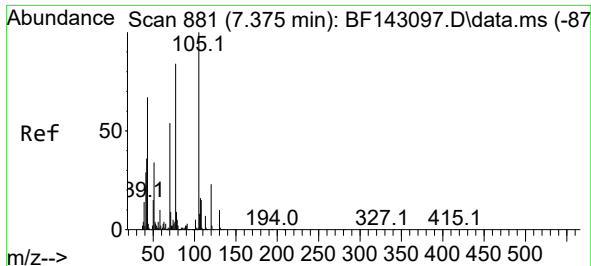
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#18
Hexachloroethane
Concen: 38.414 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

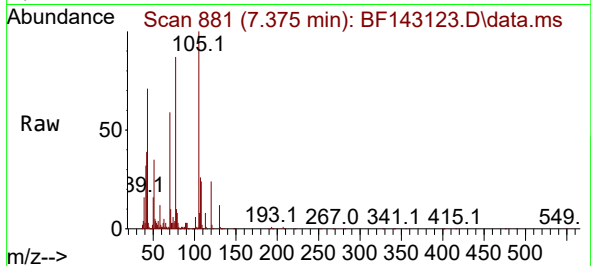
Tgt Ion:	117	Resp:	140139
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.7	115.1
201	98.3	75.0	112.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.159 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

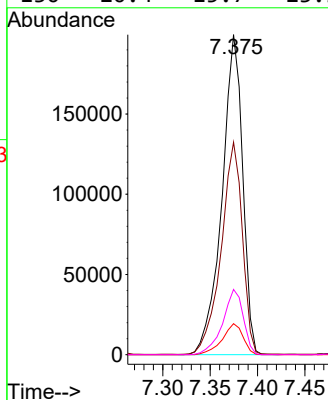
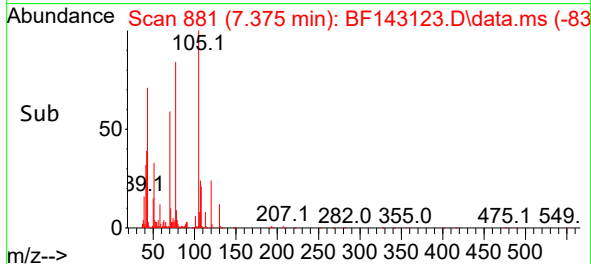
Instrument :
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ClientSampleId :
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Tgt Ion: 70 Resp: 303492
Ion Ratio Lower Upper
70 100
42 66.4 53.2 79.8
101 9.7 7.5 11.3
130 20.4 15.7 23.5

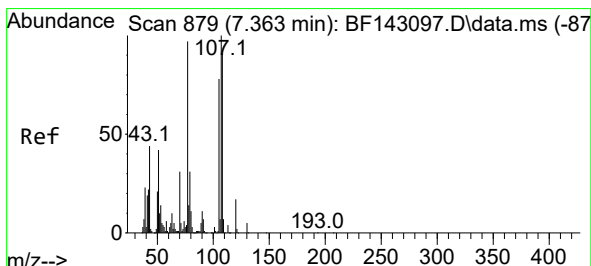
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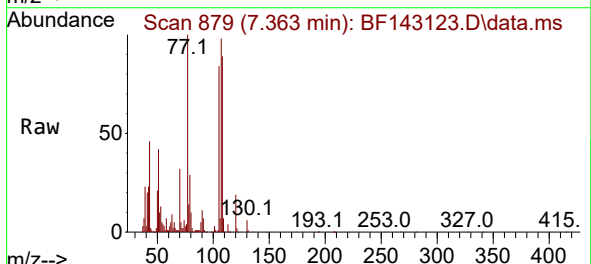


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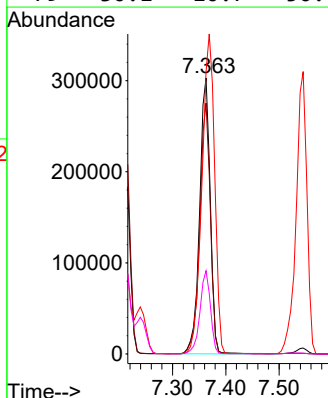
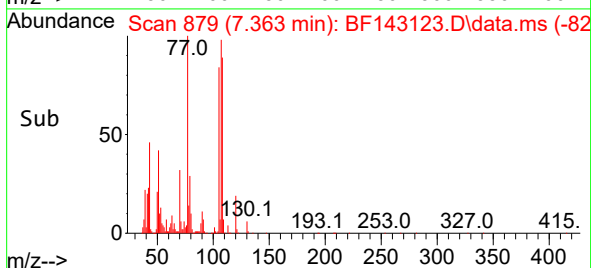
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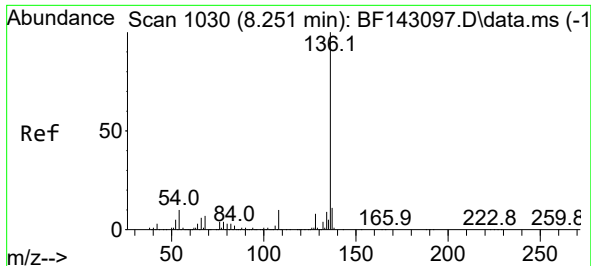


#20
3+4-Methylphenols
Concen: 40.262 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



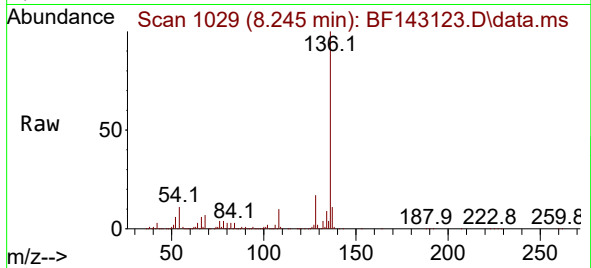
Tgt Ion:107 Resp: 420120
Ion Ratio Lower Upper
107 100
108 90.9 71.3 111.3
77 102.2 77.2 117.2
79 30.1 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

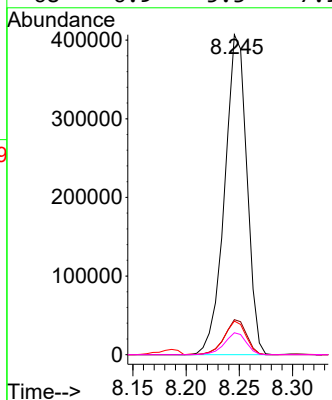
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	58962
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	10.5	8.3	12.5
68	6.9	5.3	7.9

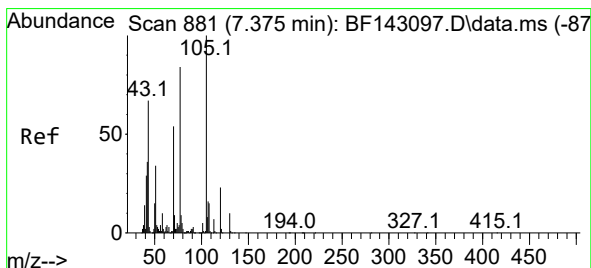
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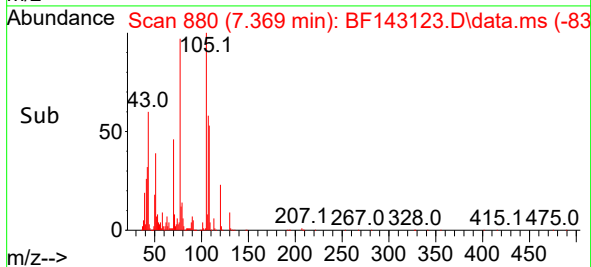
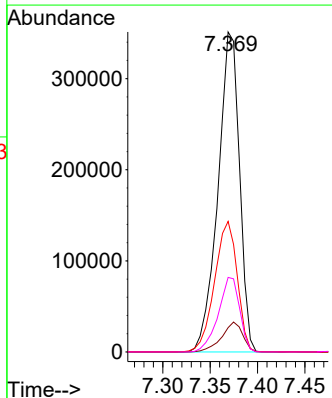
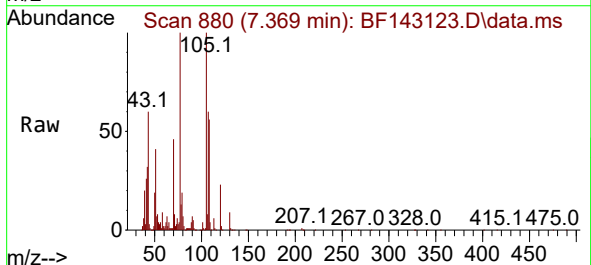
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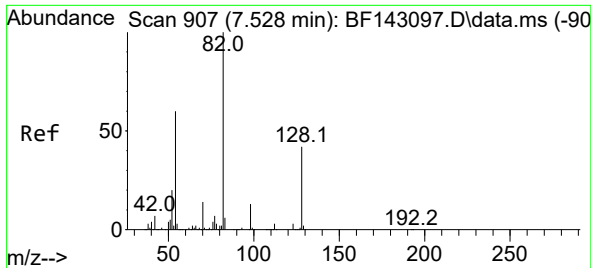
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#22
Acetophenone
Concen: 39.074 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

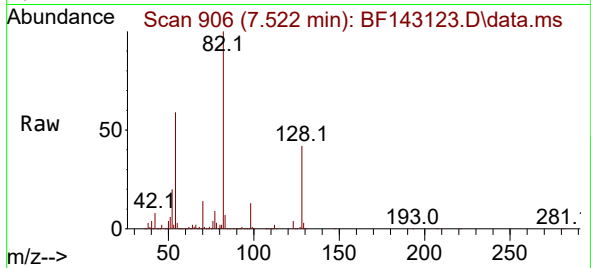
Tgt Ion:	105	Resp:	555372
Ion Ratio	Lower	Upper	
105	100		
71	7.6	7.2	10.8
51	40.8	27.0	40.4#
120	23.3	18.2	27.2





#23
Nitrobenzene-d5
Concen: 82.622 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

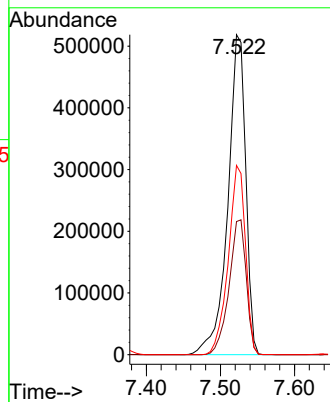
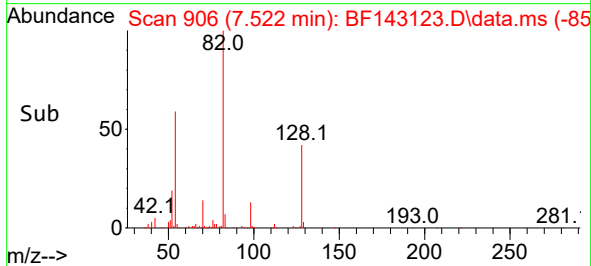
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 868402
Ion Ratio Lower Upper
82 100
128 41.6 33.3 49.9
54 59.1 47.4 71.2

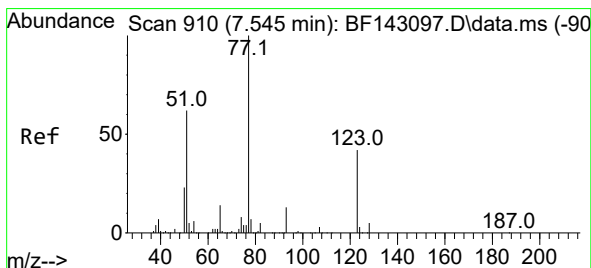
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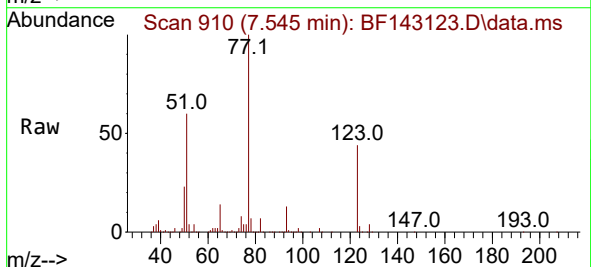


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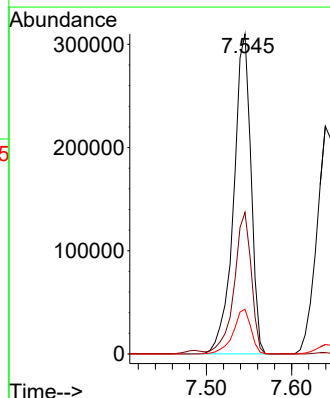
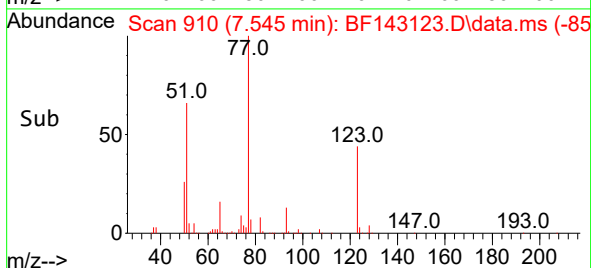
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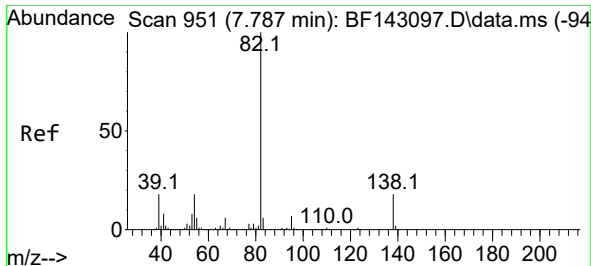


#24
Nitrobenzene
Concen: 43.043 ng
RT: 7.545 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



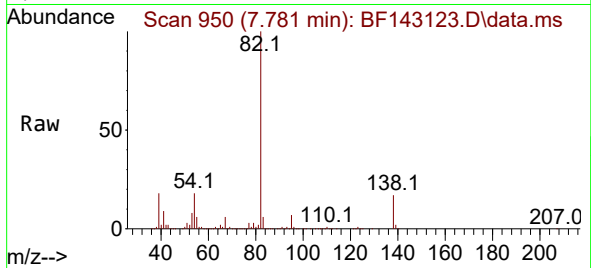
Tgt Ion: 77 Resp: 436738
Ion Ratio Lower Upper
77 100
123 44.3 34.5 51.7
65 13.9 11.3 16.9





#25
Isophorone
Concen: 41.156 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

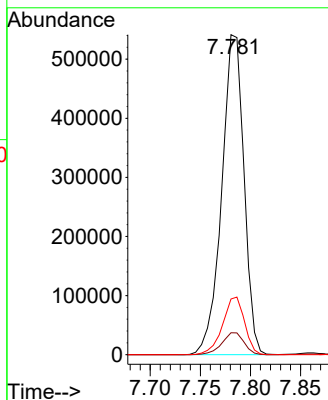
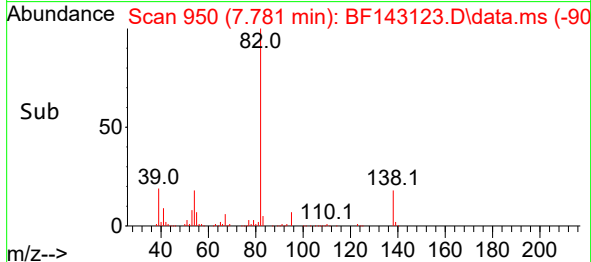
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion: 82 Resp: 83611
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.4 14.3 21.5

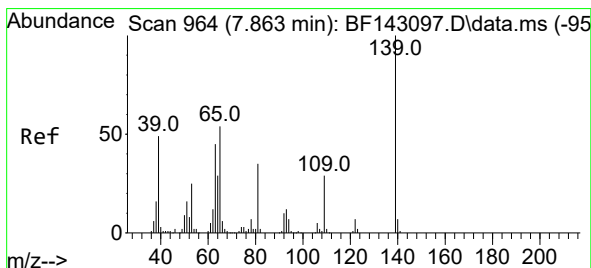
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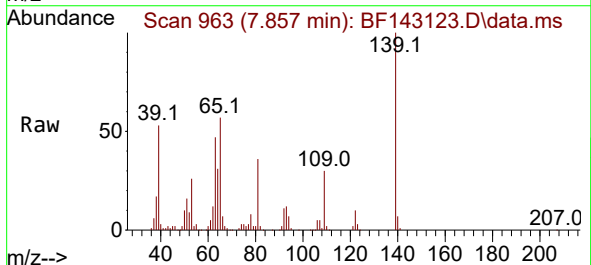


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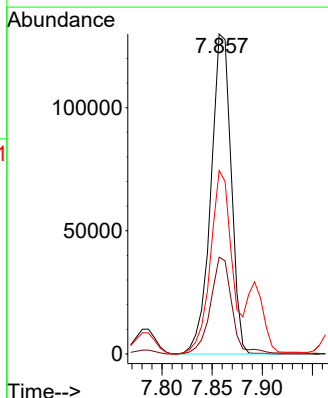
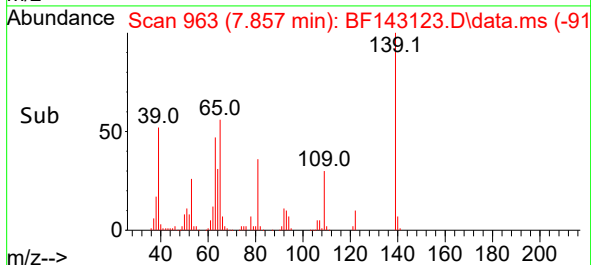
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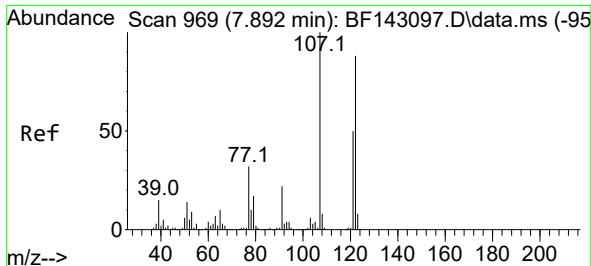


#26
2-Nitrophenol
Concen: 45.388 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



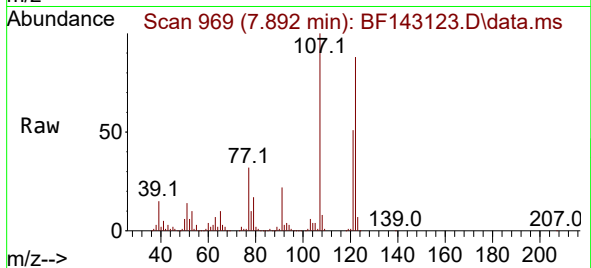
Tgt Ion:139 Resp: 183091
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.0
65 57.3 43.4 65.2





#27
2,4-Dimethylphenol
Concen: 41.746 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

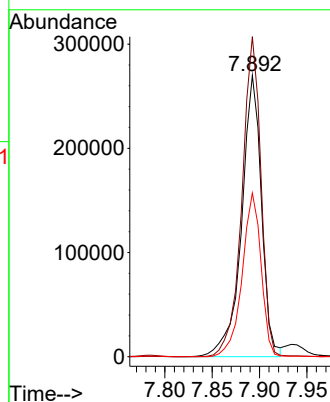
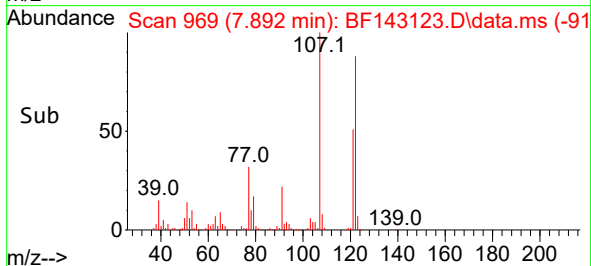
Instrument : BNA_F
ClientSampleId : WC-SOIL-20250711MSD



Tgt Ion:122 Resp: 393628
Ion Ratio Lower Upper
122 100
107 113.8 91.3 136.9
121 58.2 45.5 68.3

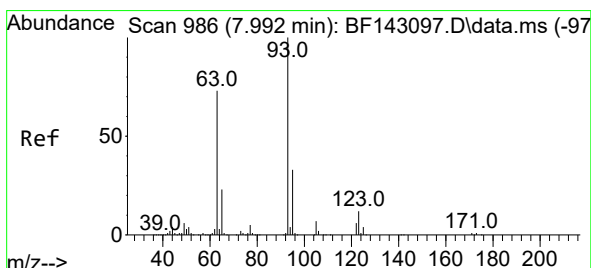
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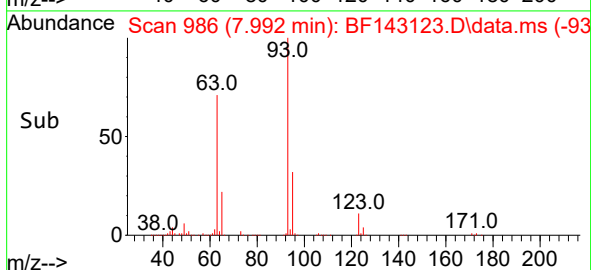
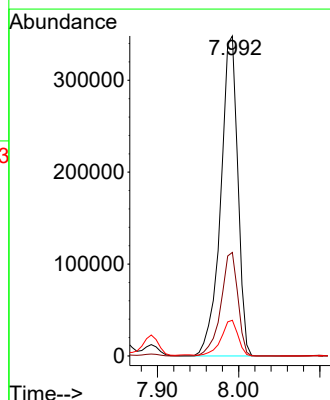
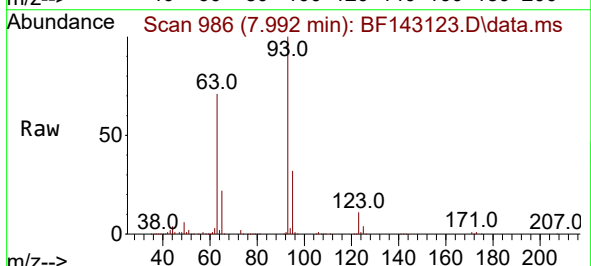
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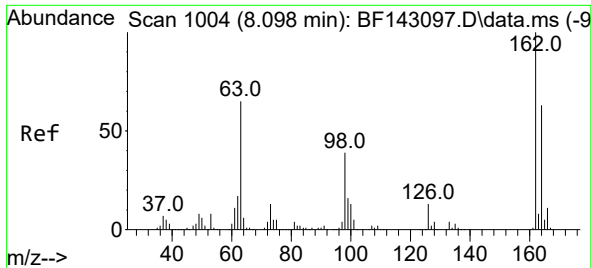
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#28
bis(2-Chloroethoxy)methane
Concen: 41.502 ng
RT: 7.992 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

Tgt Ion: 93 Resp: 511274
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 42.946 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Instrument :

BNA_F

ClientSampleId :

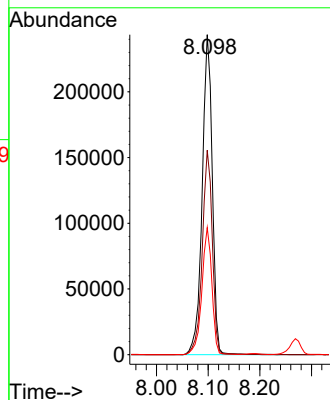
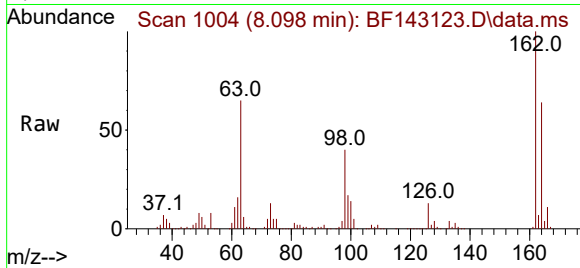
WC-SOIL-20250711MSD

Tgt Ion:162 Resp: 33128

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.1	83.1
98	39.7	19.2	59.2

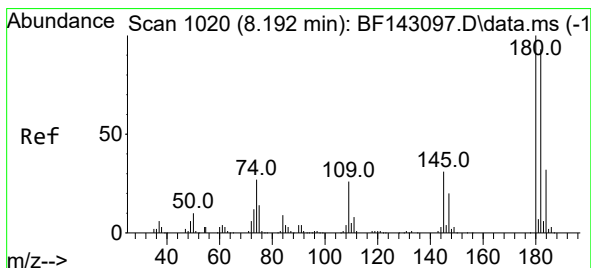
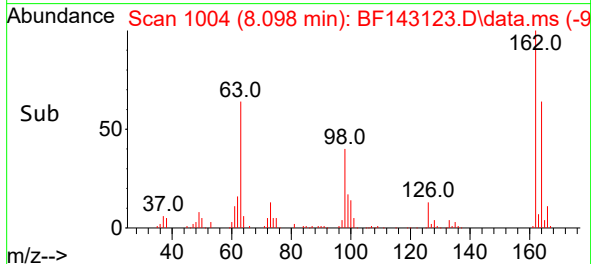
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#30

1,2,4-Trichlorobenzene

Concen: 39.150 ng

RT: 8.186 min Scan# 1019

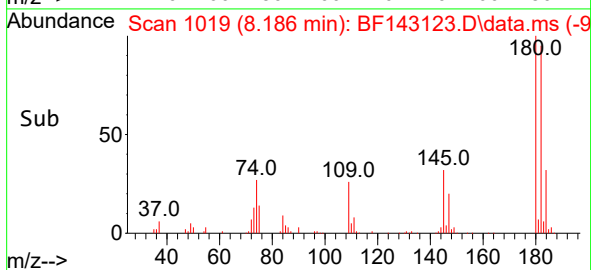
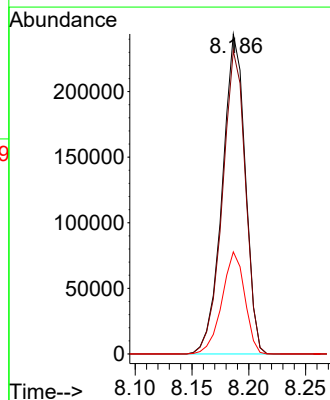
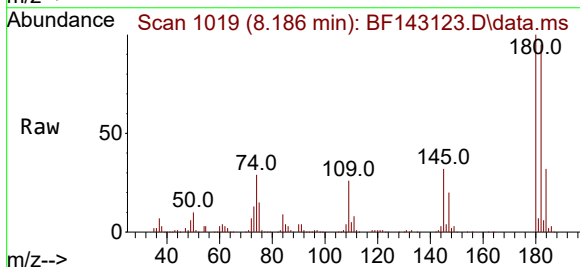
Delta R.T. -0.006 min

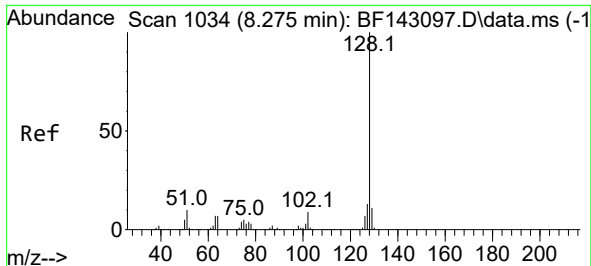
Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Tgt Ion:180 Resp: 342733

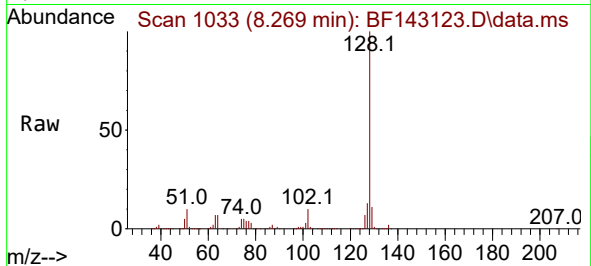
Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.7	112.1
145	31.9	24.5	36.7





#31
Naphthalene
Concen: 39.217 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

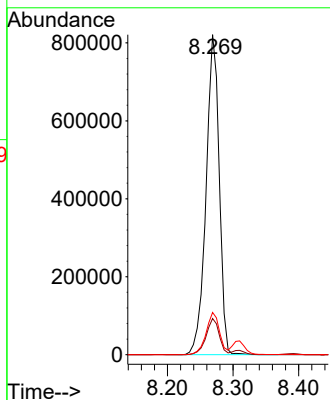
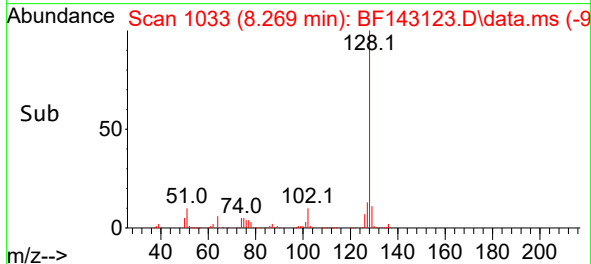
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:128 Resp: 114825
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.5 15.7

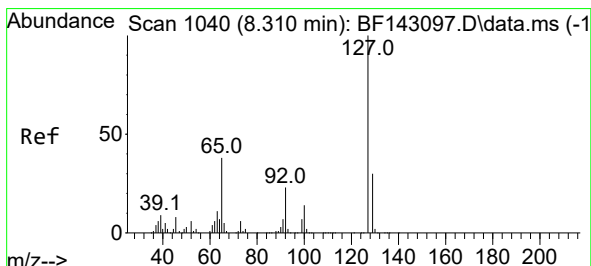
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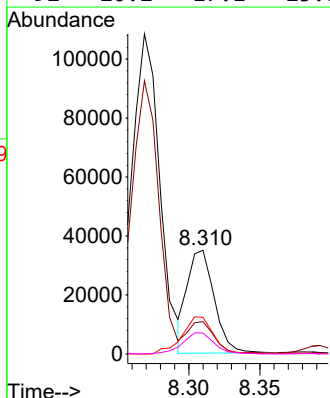
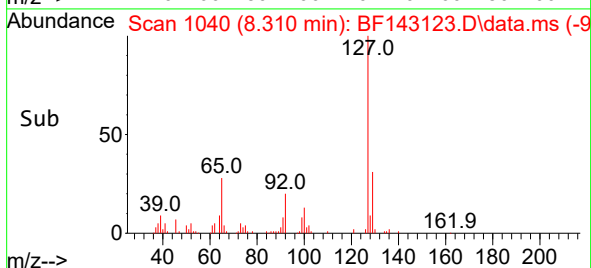
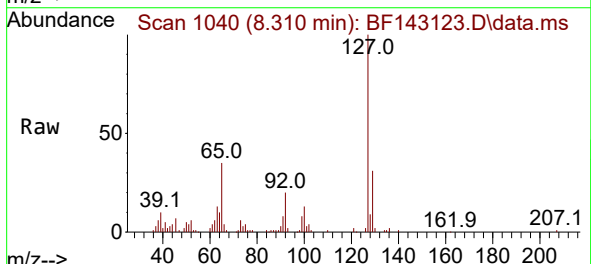
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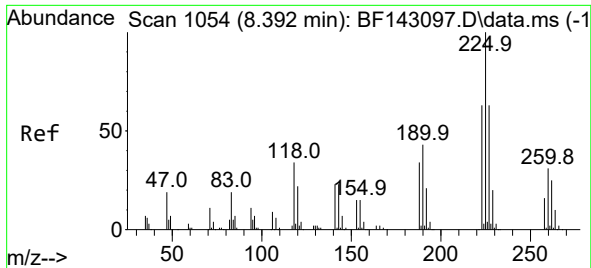
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#33
4-Chloroaniline
Concen: 3.904 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

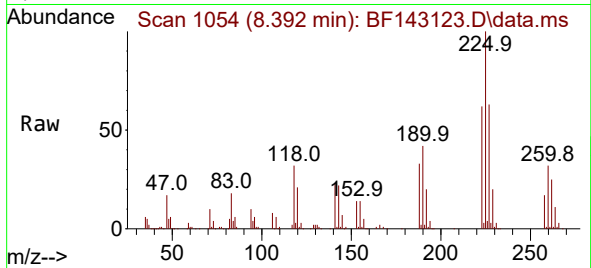
Tgt Ion:127 Resp: 45970
Ion Ratio Lower Upper
127 100
129 31.2 26.2 39.4
65 35.4 28.6 42.8
92 20.2 17.1 25.7





#34
Hexachlorobutadiene
Concen: 39.259 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

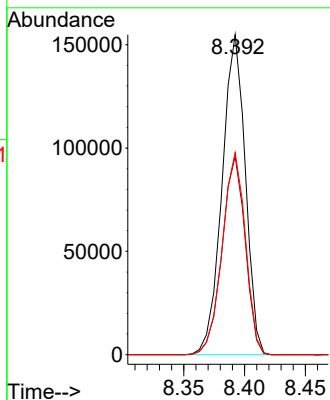
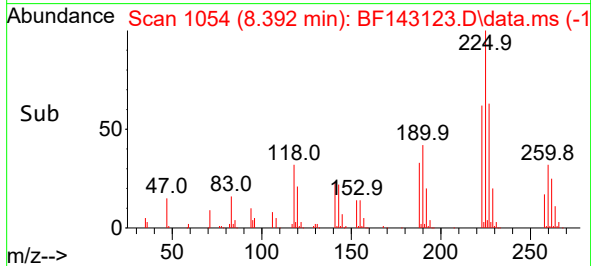
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:225 Resp: 20554
Ion Ratio Lower Upper
225 100
223 61.9 50.3 75.5
227 63.2 50.1 75.1

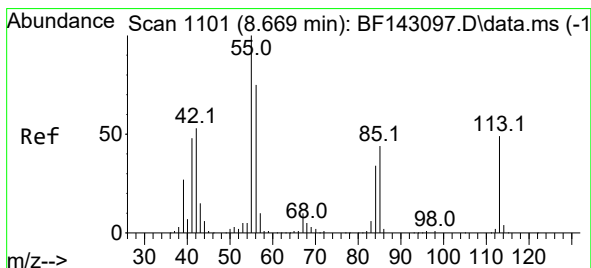
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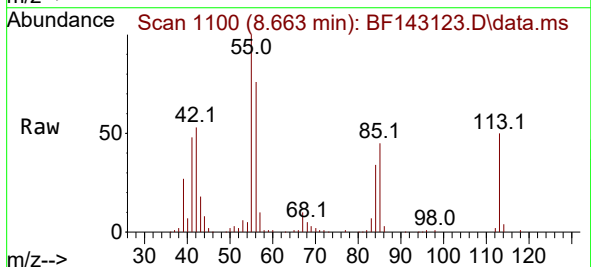


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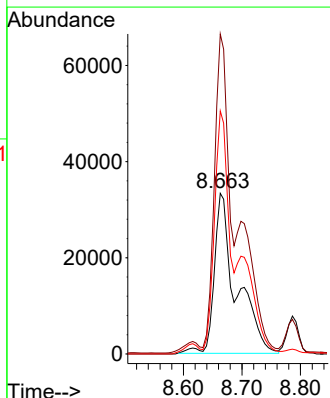
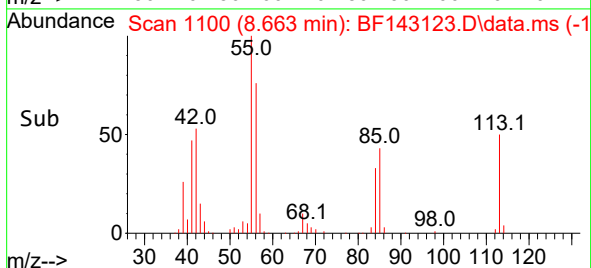
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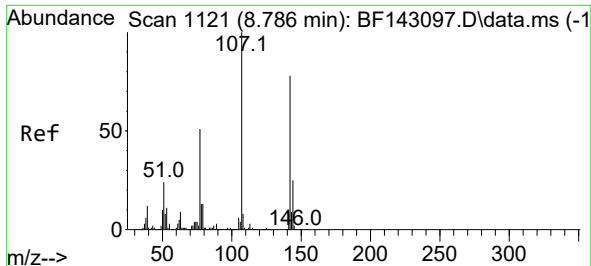


#35
Caprolactam
Concen: 36.057 ng m
RT: 8.663 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



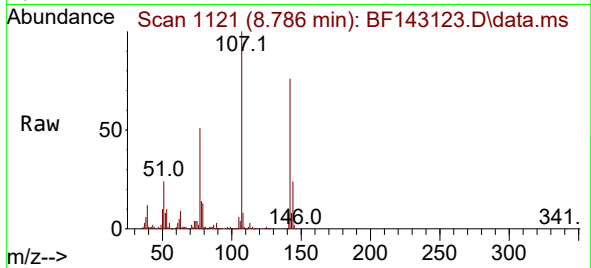
Tgt Ion:113 Resp: 86853
Ion Ratio Lower Upper
113 100
55 199.1 186.2 226.2
56 151.3 134.1 174.1





#36
4-Chloro-3-methylphenol
Concen: 42.700 ng
RT: 8.786 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

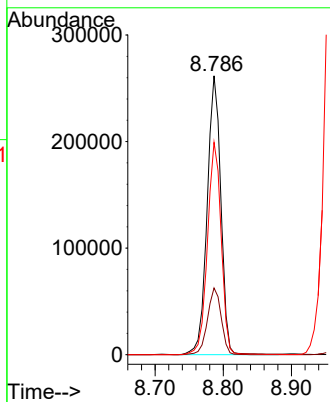
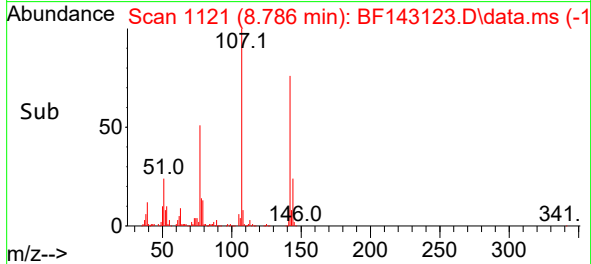
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:107 Resp: 366909
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 76.2 62.4 93.6

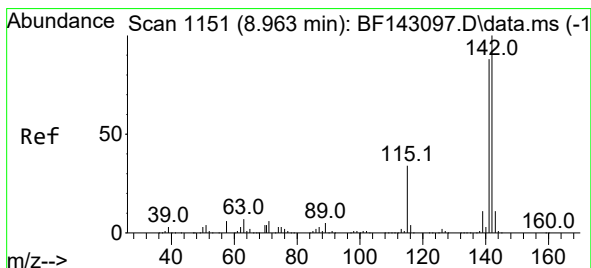
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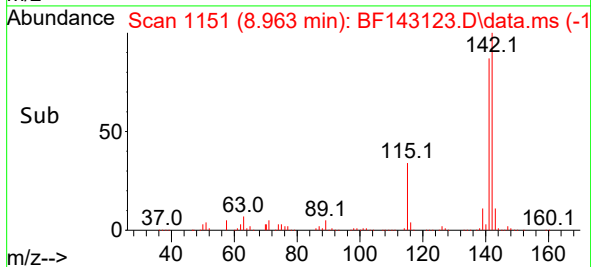
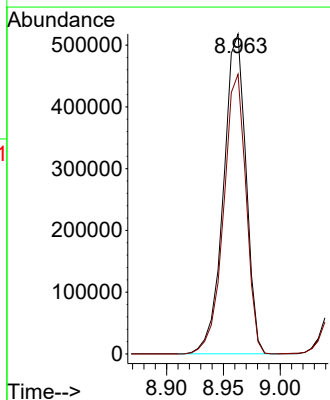
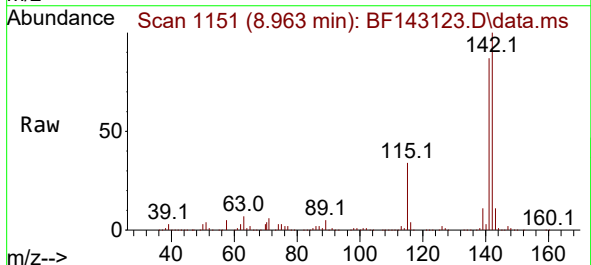
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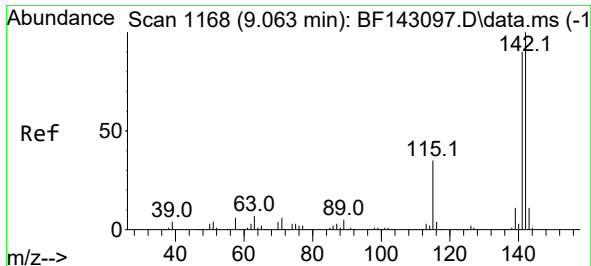
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#37
2-Methylnaphthalene
Concen: 40.837 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

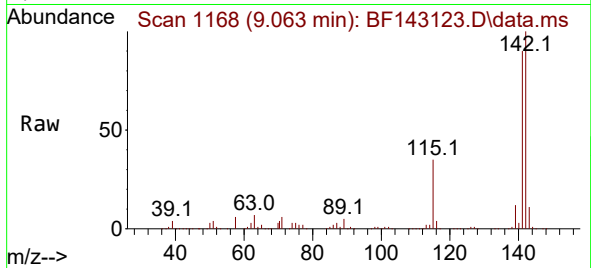
Tgt Ion:142 Resp: 713317
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2





#38
1-Methylnaphthalene
Concen: 40.624 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

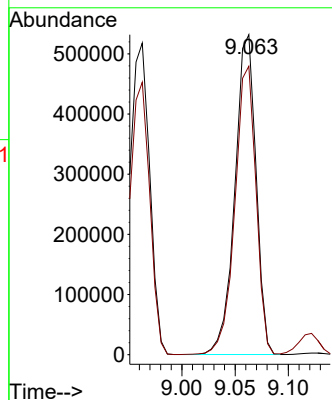
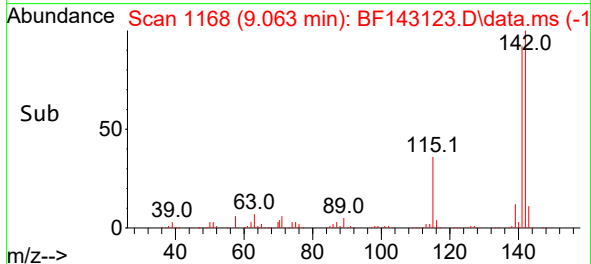
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:142 Resp: 735969
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4

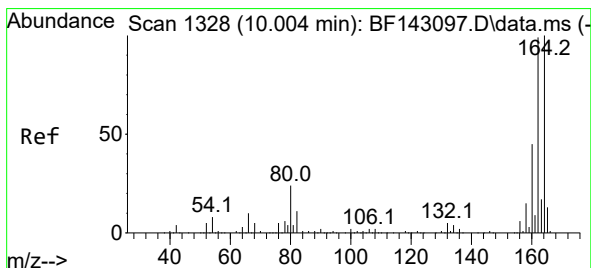
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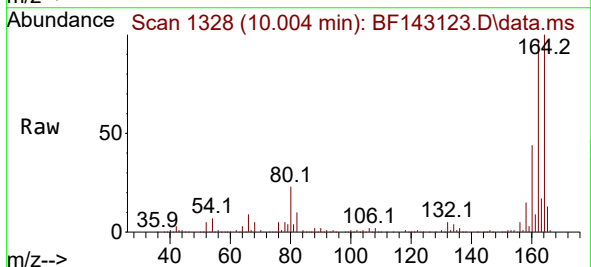


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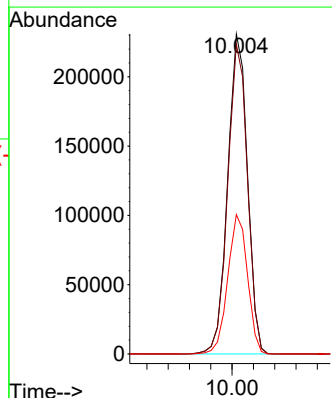
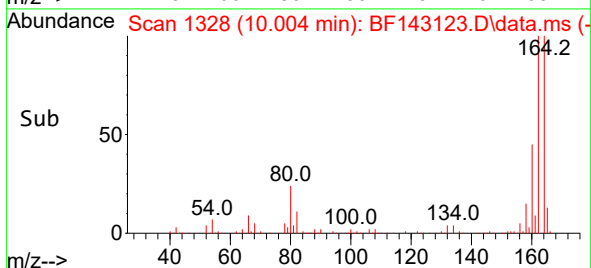
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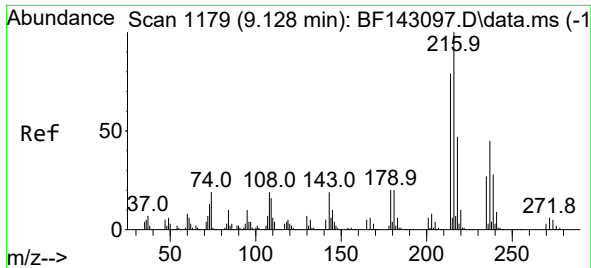


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



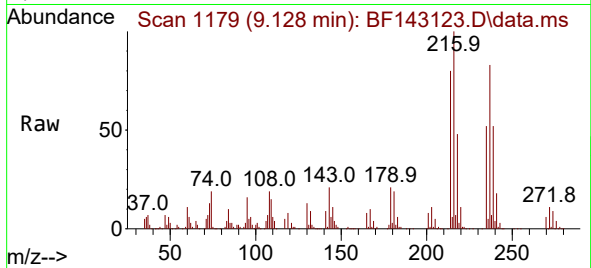
Tgt Ion:164 Resp: 296871
Ion Ratio Lower Upper
164 100
162 96.8 79.0 118.6
160 43.5 35.8 53.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.964 ng
RT: 9.128 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

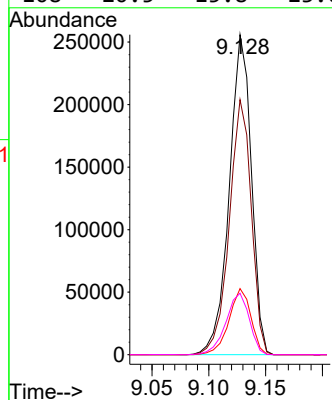
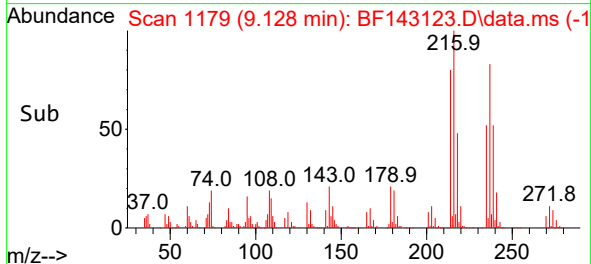
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:216 Resp: 34575
Ion Ratio Lower Upper
216 100
214 79.3 62.6 94.0
179 20.5 16.2 24.2
108 20.5 15.8 23.6

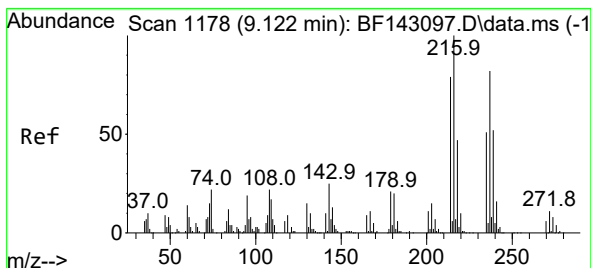
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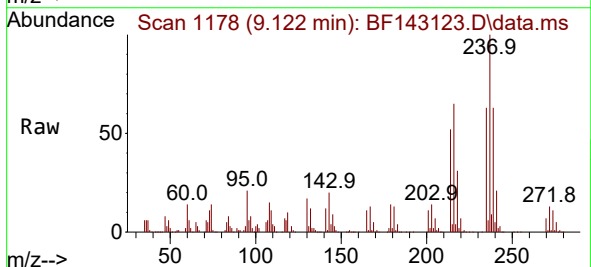


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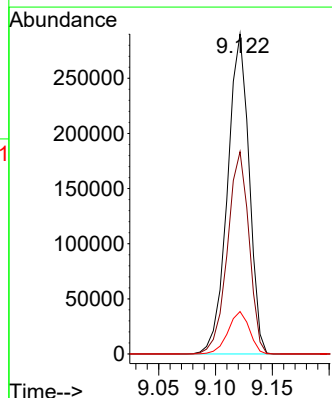
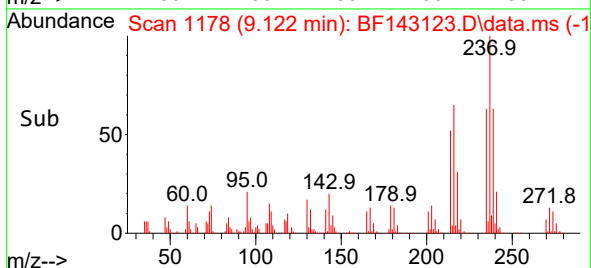
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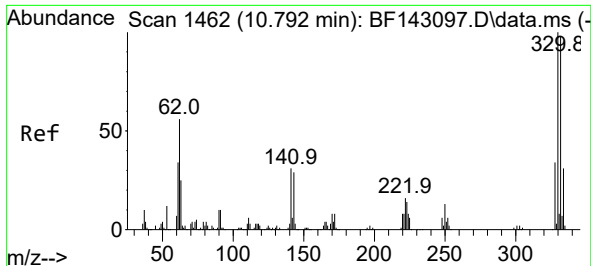


#41
Hexachlorocyclopentadiene
Concen: 79.887 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



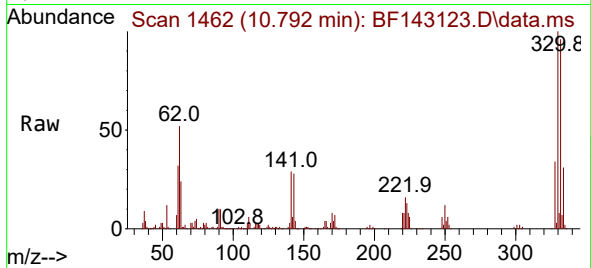
Tgt Ion:237 Resp: 383185
Ion Ratio Lower Upper
237 100
235 63.2 41.6 81.6
272 13.3 0.0 32.9





#42
2,4,6-Tribromophenol
Concen: 126.918 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

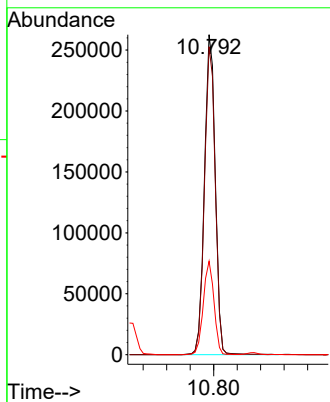
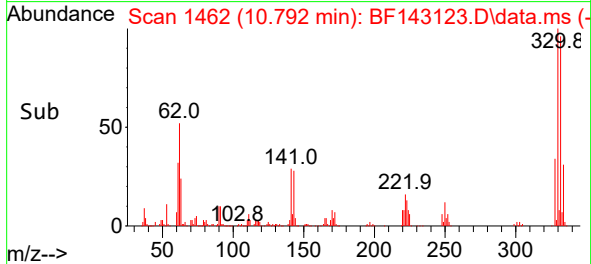
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:330 Resp: 335959
Ion Ratio Lower Upper
330 100
332 96.3 77.9 116.9
141 29.0 25.9 38.9

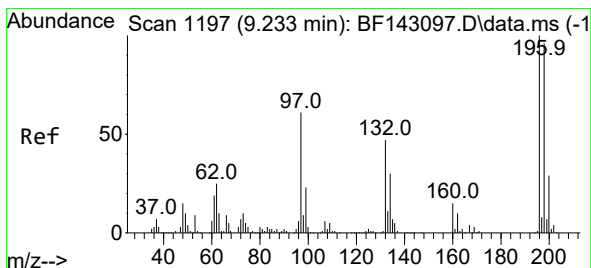
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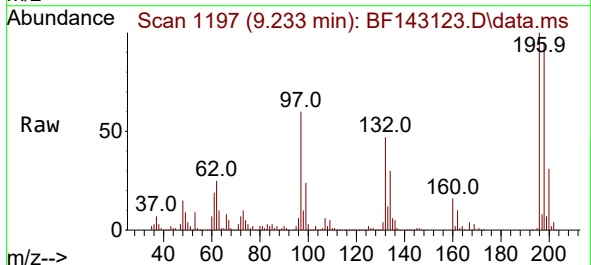


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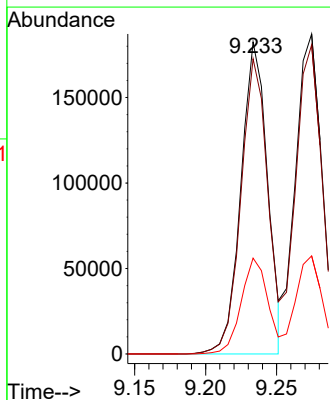
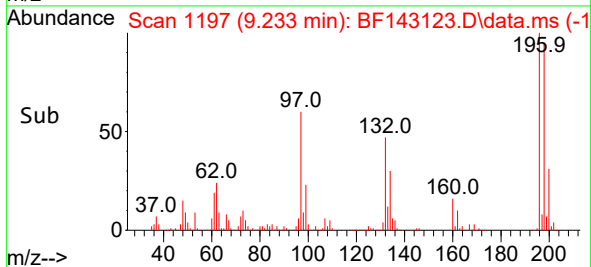
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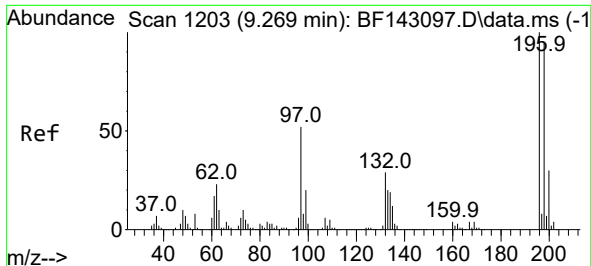


#43
2,4,6-Trichlorophenol
Concen: 44.192 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



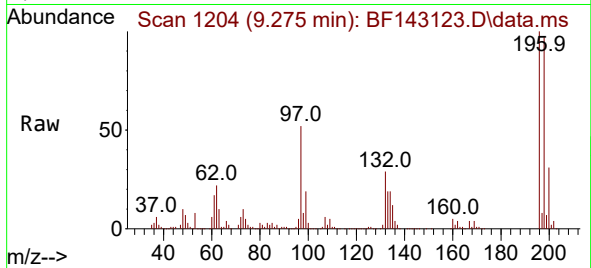
Tgt Ion:196 Resp: 237559
Ion Ratio Lower Upper
196 100
198 94.6 76.9 115.3
200 30.7 23.5 35.3





#44
2,4,5-Trichlorophenol
Concen: 43.128 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

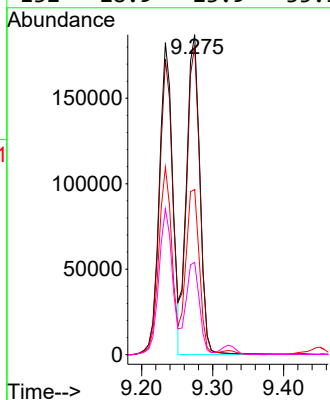
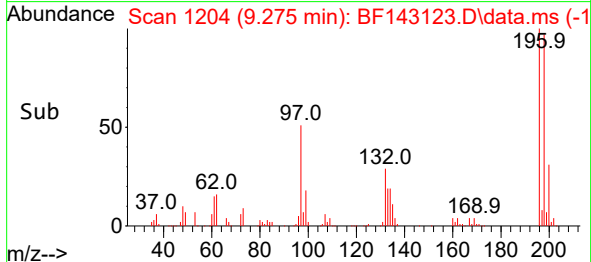
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:196 Resp: 243090
Ion Ratio Lower Upper
196 100
198 96.6 76.4 114.6
97 51.6 42.4 63.6
132 28.9 23.9 35.9

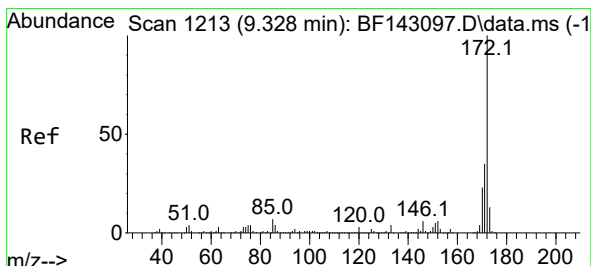
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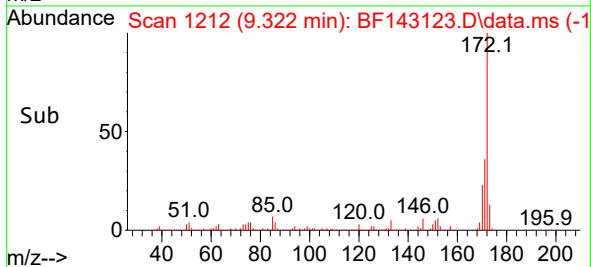
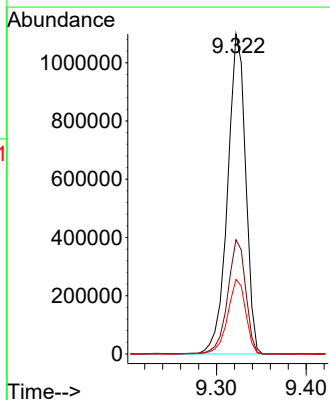
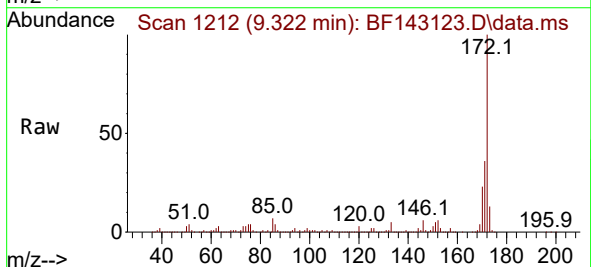
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Upadhyay

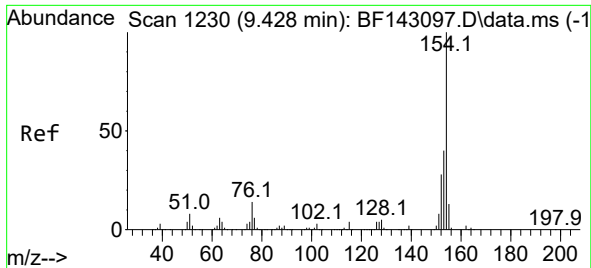
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#45
2-Fluorobiphenyl
Concen: 68.578 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

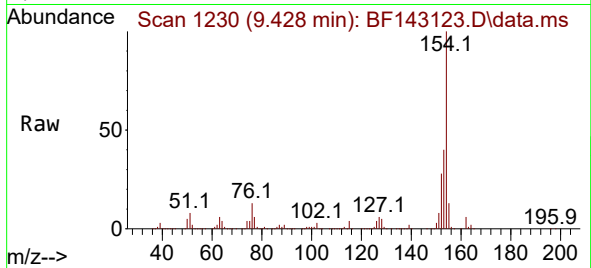
Tgt Ion:172 Resp: 1531577
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.3 18.6 28.0





#46
1,1'-Biphenyl
Concen: 40.430 ng
RT: 9.428 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

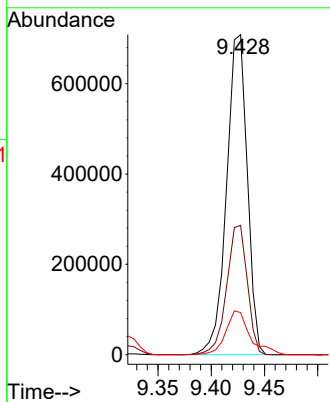
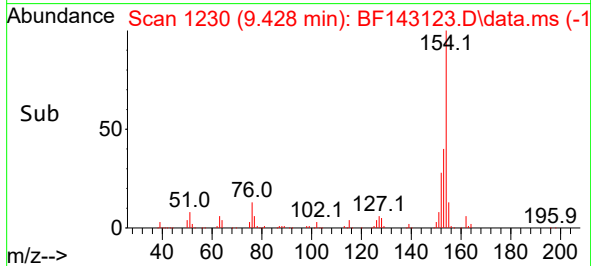
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:154 Resp: 957169
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 13.1 0.0 33.7

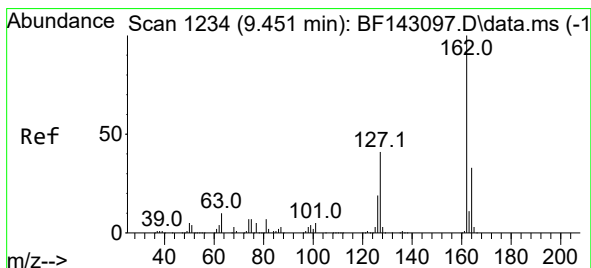
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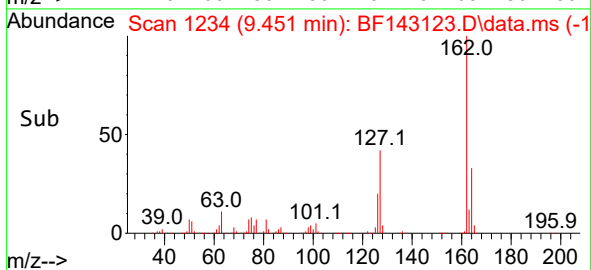
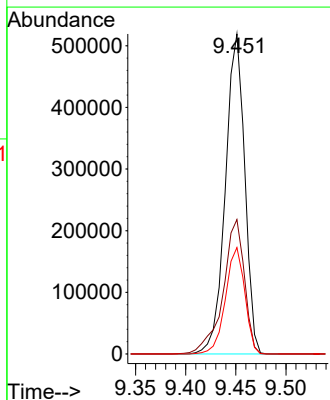
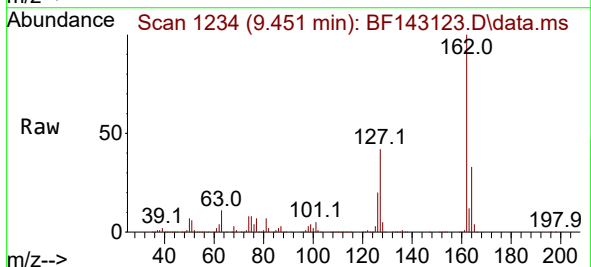
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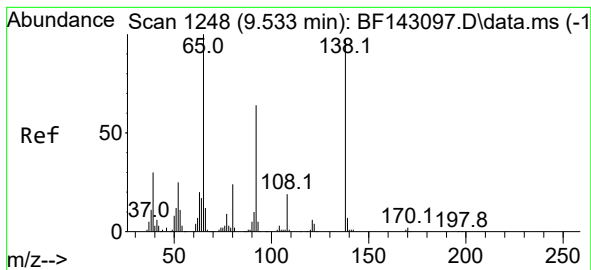
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#47
2-Chloronaphthalene
Concen: 39.937 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

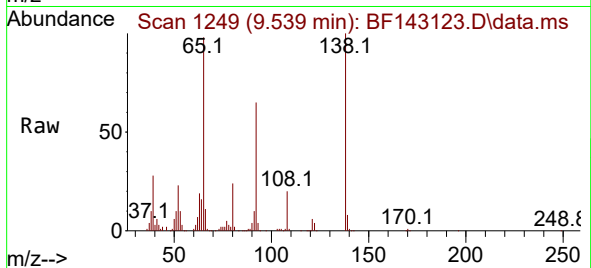
Tgt Ion:162 Resp: 694587
Ion Ratio Lower Upper
162 100
127 42.0 33.0 49.6
164 33.3 26.1 39.1





#48
2-Nitroaniline
Concen: 44.159 ng
RT: 9.539 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

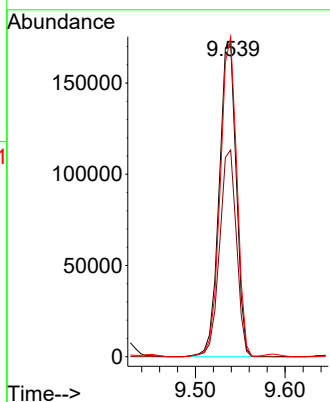
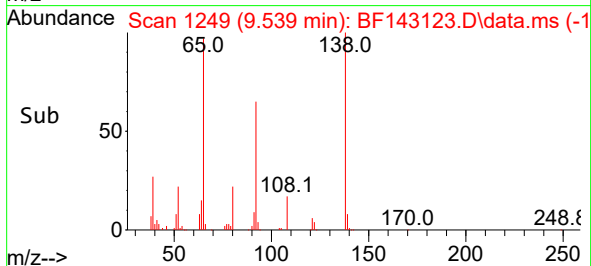
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 65 Resp: 227895
Ion Ratio Lower Upper
65 100
92 66.1 51.3 76.9
138 102.3 77.8 116.6

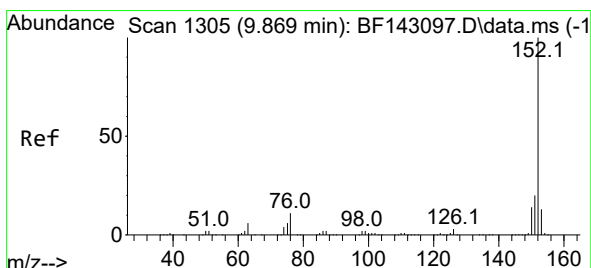
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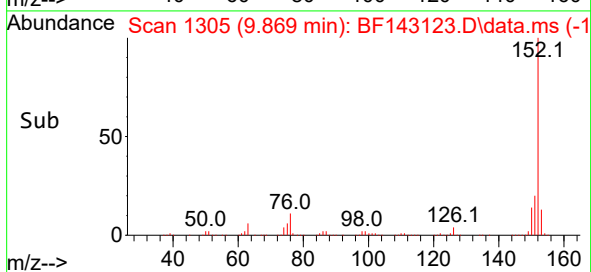
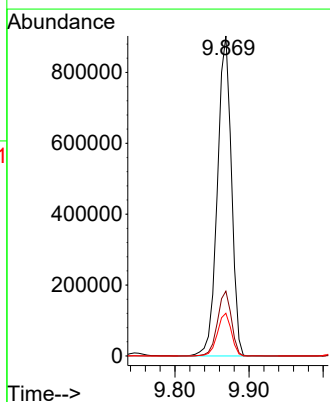
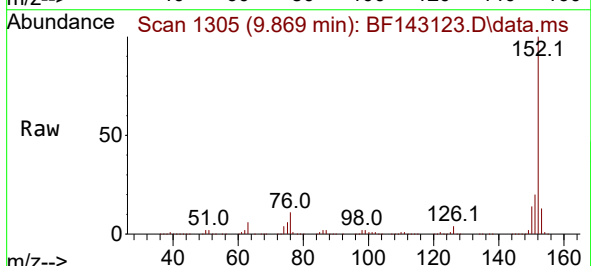
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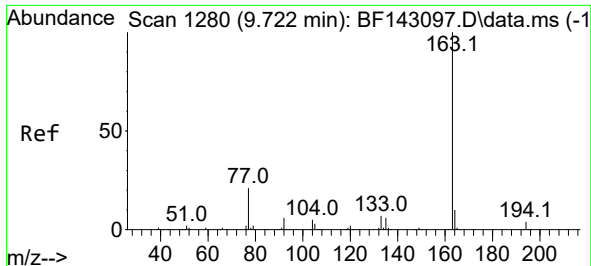
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#49
Acenaphthylene
Concen: 40.849 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

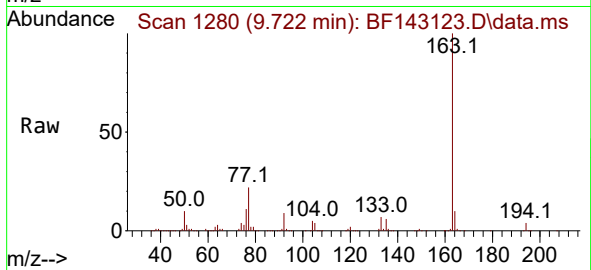
Tgt Ion:152 Resp: 1183859
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.4 10.4 15.6





#50
Dimethylphthalate
Concen: 44.031 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

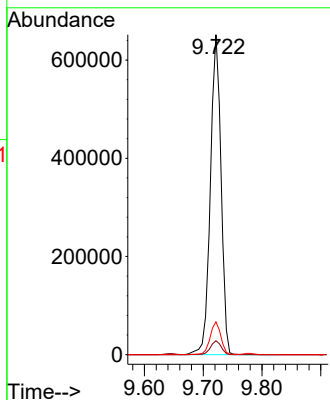
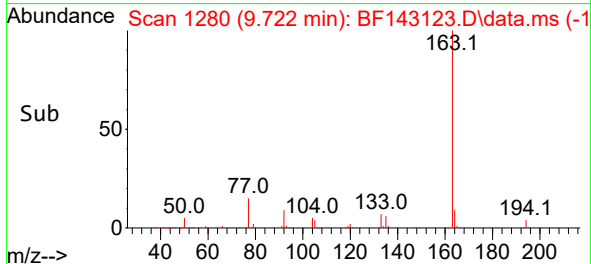
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 82234
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

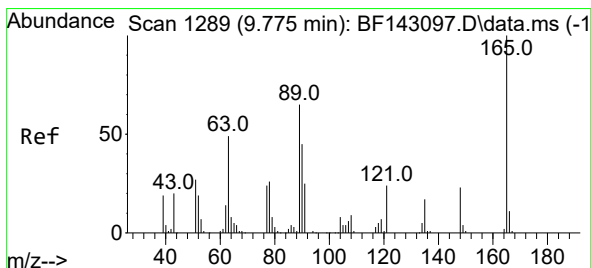
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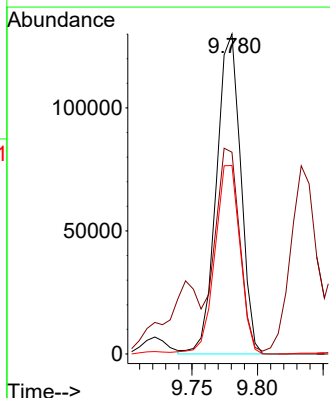
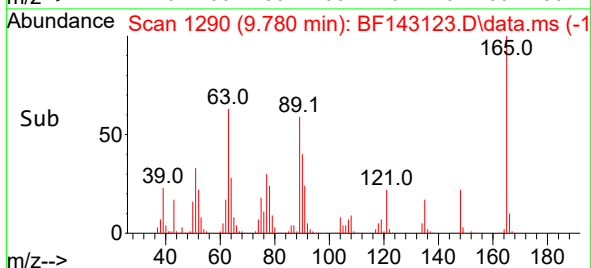
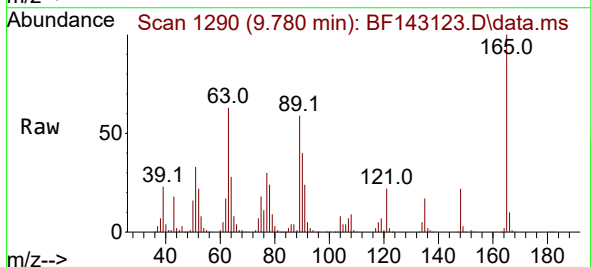
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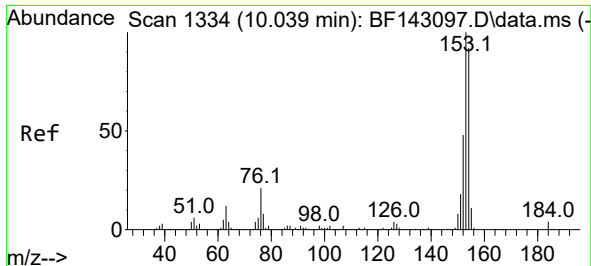
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#51
2,6-Dinitrotoluene
Concen: 45.539 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.005 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

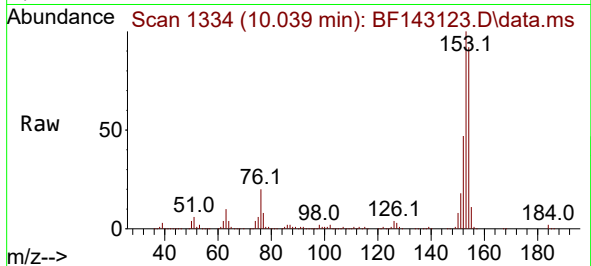
Tgt Ion:165 Resp: 167499
Ion Ratio Lower Upper
165 100
63 63.1 57.4 86.0
89 58.9 51.8 77.8





#52
Acenaphthene
Concen: 39.930 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

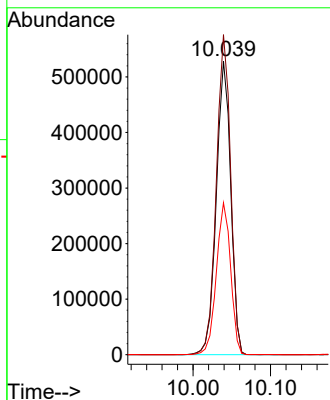
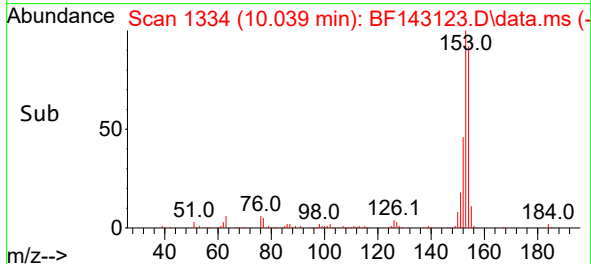
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:154 Resp: 682900
Ion Ratio Lower Upper
154 100
153 109.0 86.7 130.1
152 51.7 41.4 62.2

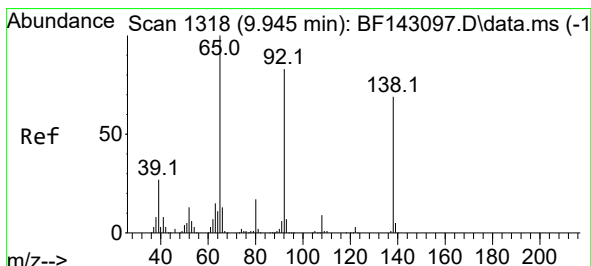
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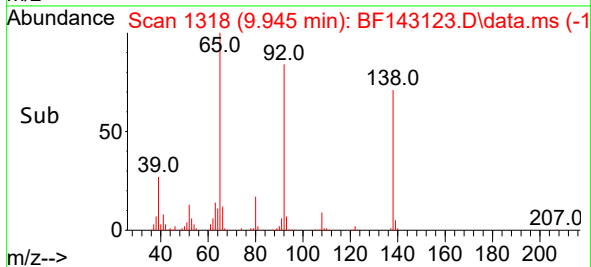
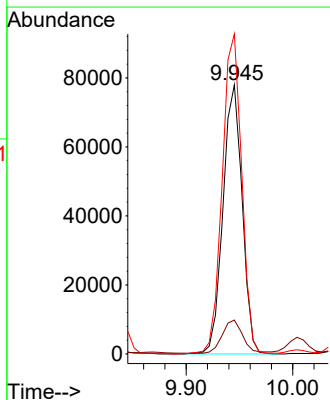
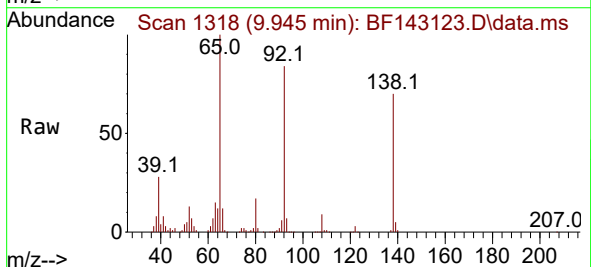
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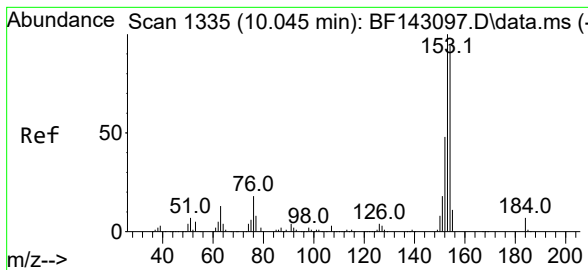
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#53
3-Nitroaniline
Concen: 24.084 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

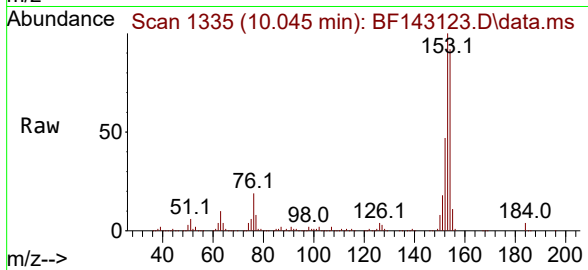
Tgt Ion:138 Resp: 97193
Ion Ratio Lower Upper
138 100
108 12.6 10.1 15.1
92 118.9 96.4 144.6





#54
2,4-Dinitrophenol
Concen: 24.116 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

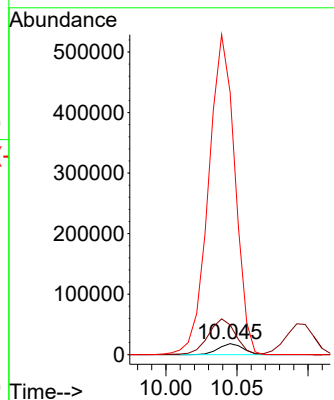
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:184 Resp: 22054
Ion Ratio Lower Upper
184 100
63 271.8 149.3 223.9
154 2390.5 1048.0 1572

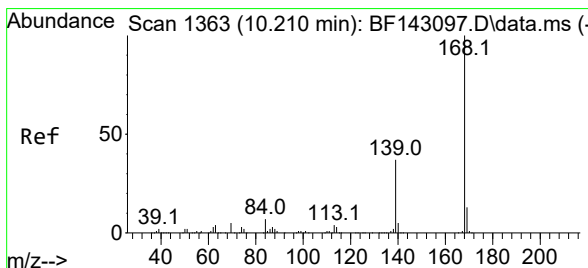
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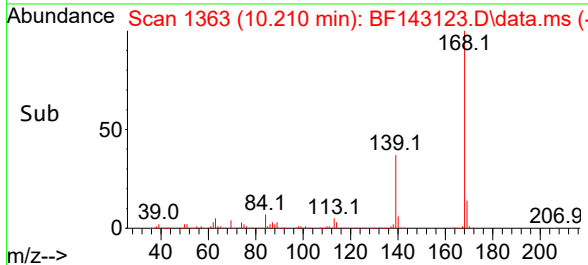
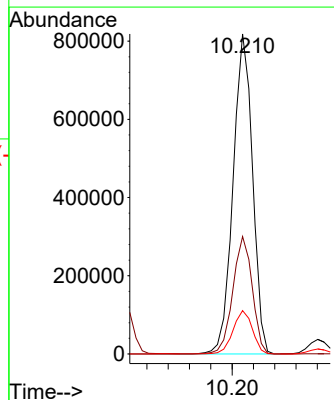
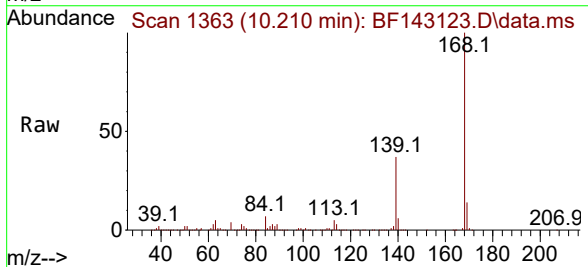
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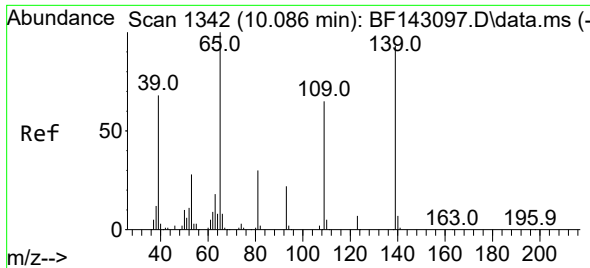
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#55
Dibenzofuran
Concen: 40.822 ng
RT: 10.210 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

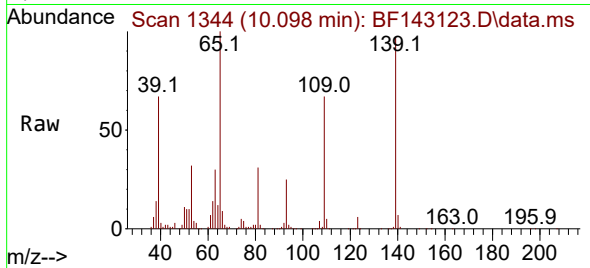
Tgt Ion:168 Resp: 1040598
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.6
169 13.6 10.8 16.2





#56
4-Nitrophenol
Concen: 70.644 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

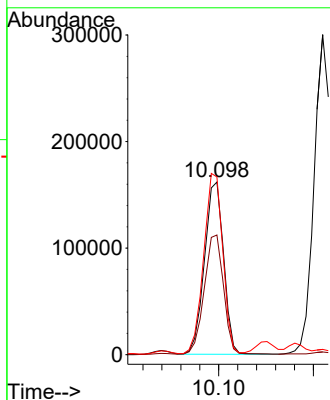
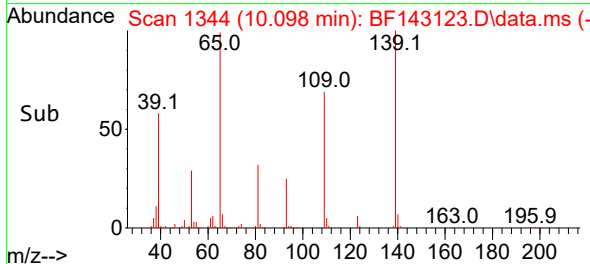
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:139 Resp: 226579
Ion Ratio Lower Upper
139 100
109 69.3 49.4 89.4
65 102.9 88.2 128.2

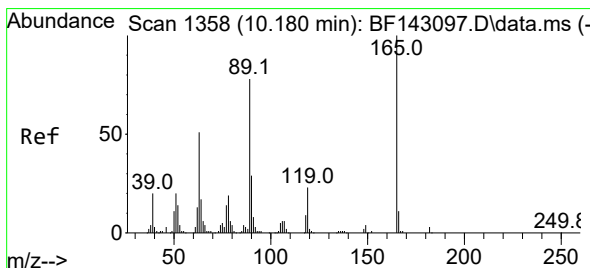
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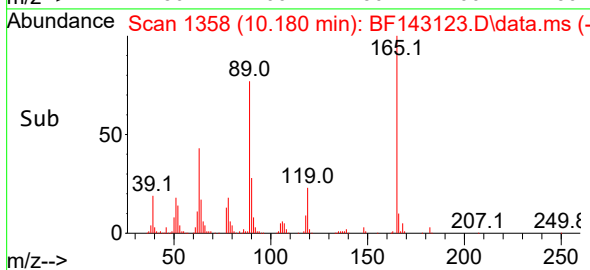
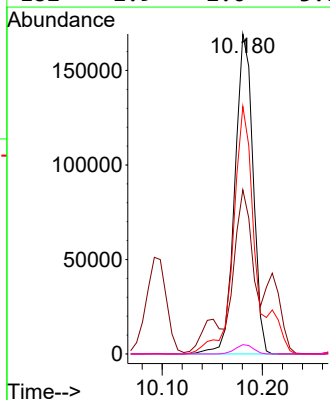
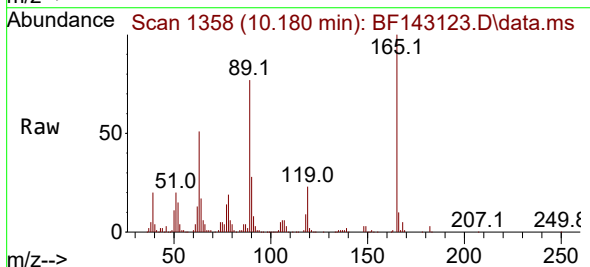
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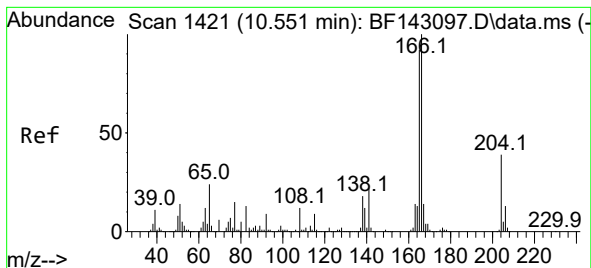
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#57
2,4-Dinitrotoluene
Concen: 46.591 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

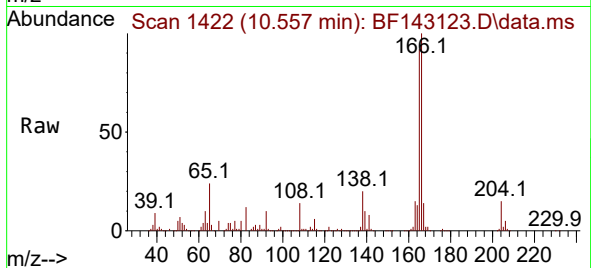
Tgt Ion:165 Resp: 214229
Ion Ratio Lower Upper
165 100
63 51.3 40.6 61.0
89 77.4 62.3 93.5
182 2.9 2.6 3.8





#58
Fluorene
Concen: 40.011 ng
RT: 10.557 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

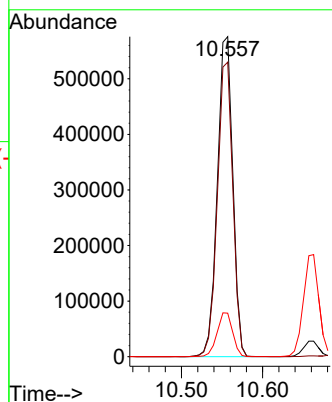
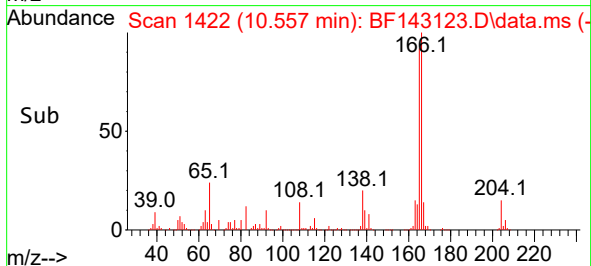
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:166 Resp: 764679
Ion Ratio Lower Upper
166 100
165 92.0 73.7 110.5
167 13.6 10.9 16.3

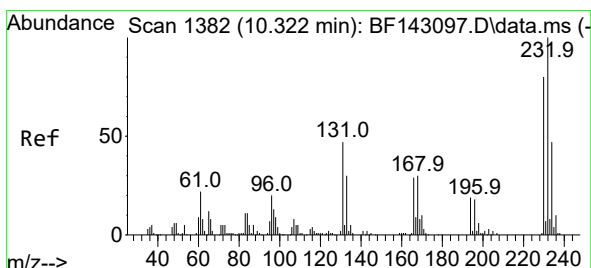
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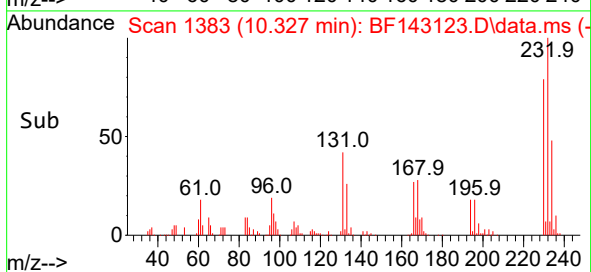
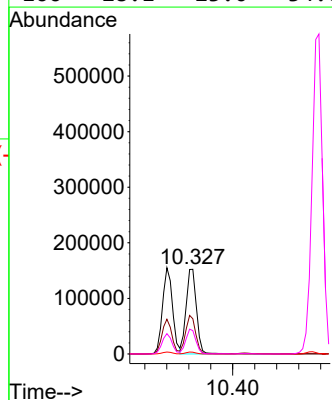
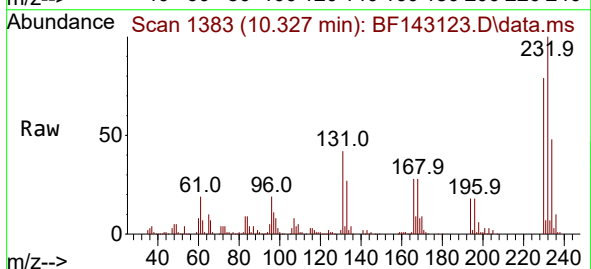
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Upadhyay

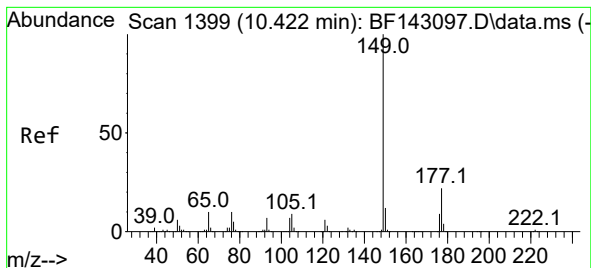
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#59
2,3,4,6-Tetrachlorophenol
Concen: 44.577 ng
RT: 10.327 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

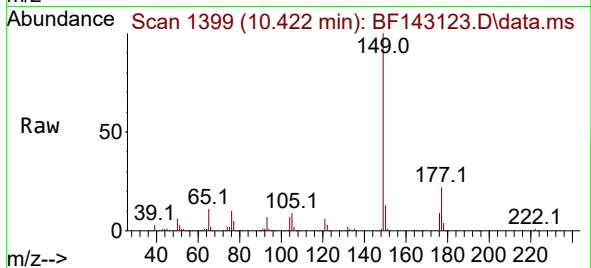
Tgt Ion:232 Resp: 199674
Ion Ratio Lower Upper
232 100
131 43.9 36.9 55.3
130 2.1 1.8 2.8
166 28.1 23.0 34.6





#60
Diethylphthalate
Concen: 42.818 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

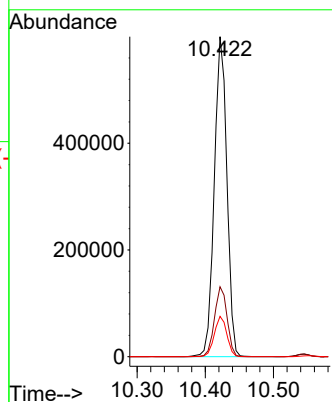
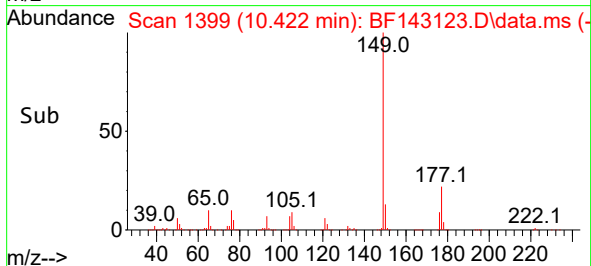
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD



Tgt Ion:149 Resp: 771529
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.6 9.9 14.9

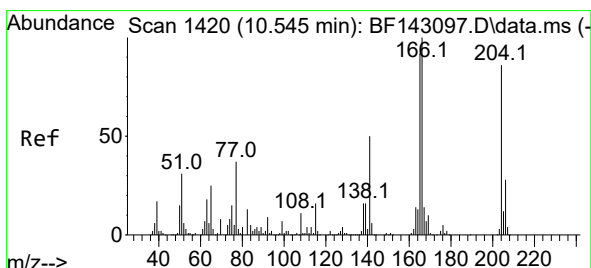
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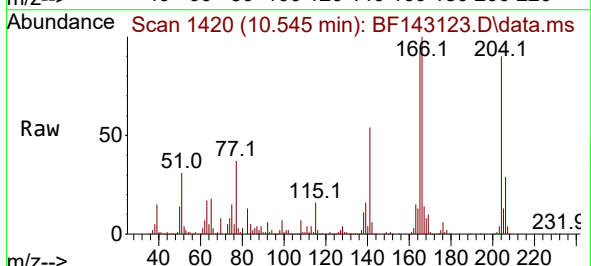


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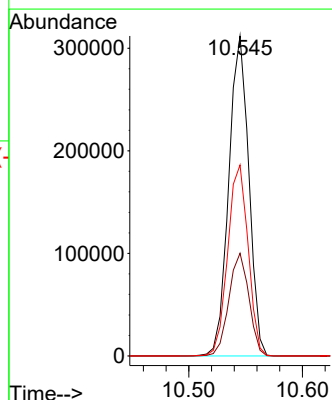
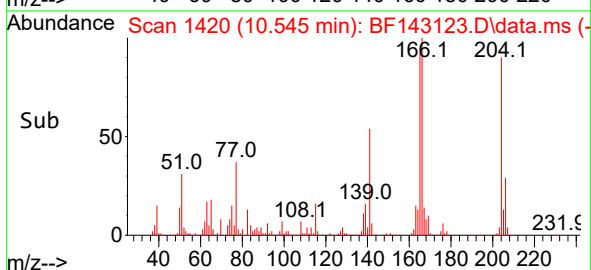
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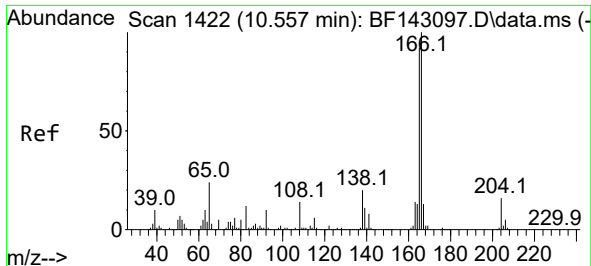


#61
4-Chlorophenyl-phenylether
Concen: 41.698 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



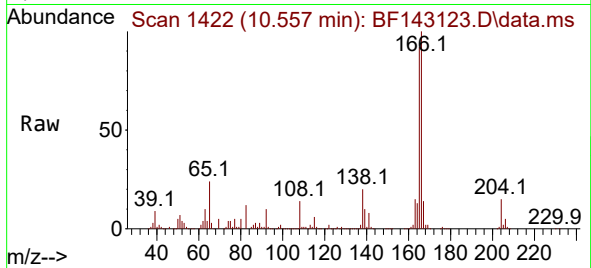
Tgt Ion:204 Resp: 381957
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 59.7 46.8 70.2





#62
4-Nitroaniline
Concen: 43.324 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

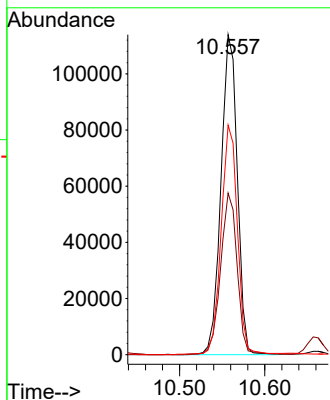
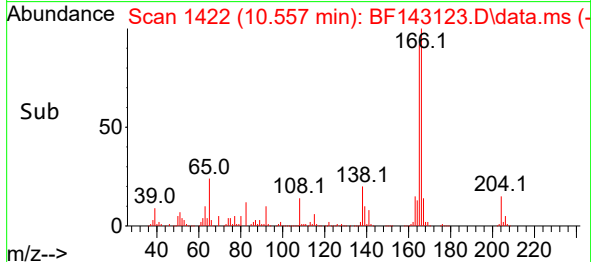
Instrument :
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Tgt Ion:138 Resp: 152045
Ion Ratio Lower Upper
138 100
92 50.5 30.4 70.4
108 71.7 49.5 89.5

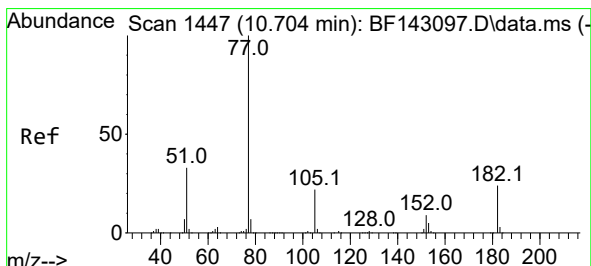
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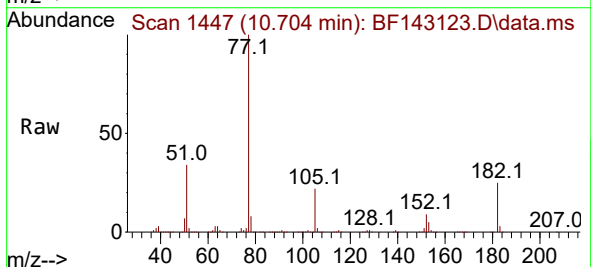


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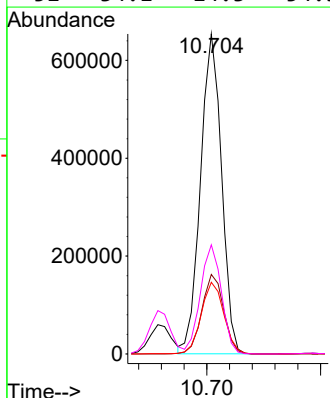
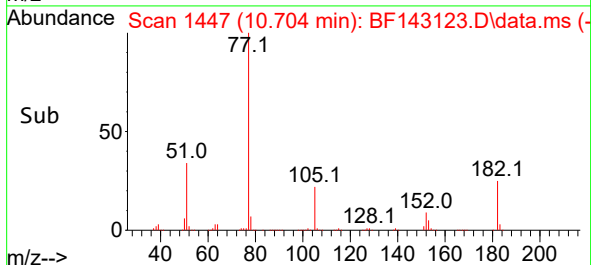
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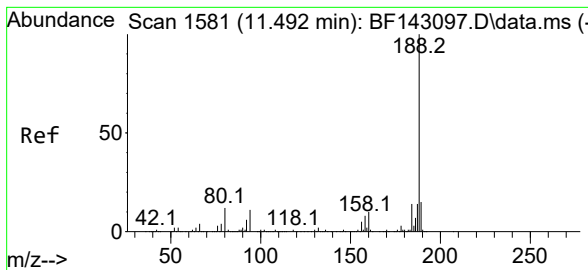


#63
Azobenzene
Concen: 42.203 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



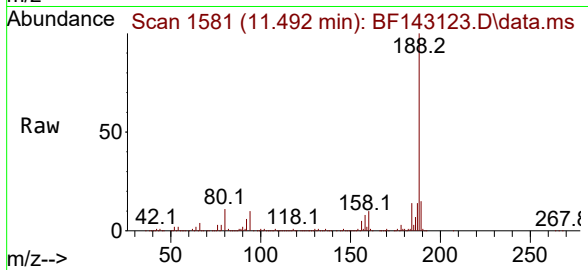
Tgt Ion: 77 Resp: 841015
Ion Ratio Lower Upper
77 100
182 24.8 4.0 44.0
105 22.4 1.4 41.4
51 34.1 14.3 54.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

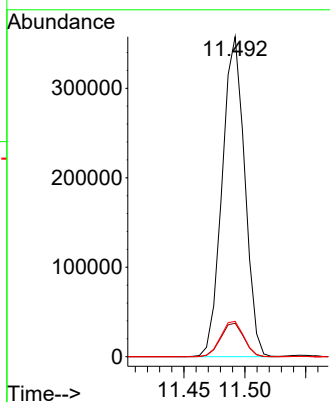
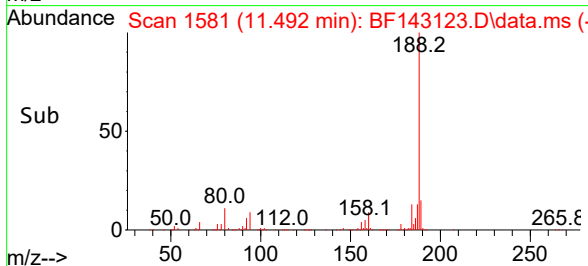
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 461800
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.0 9.3 13.9

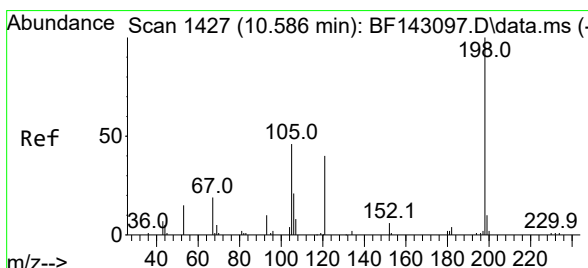
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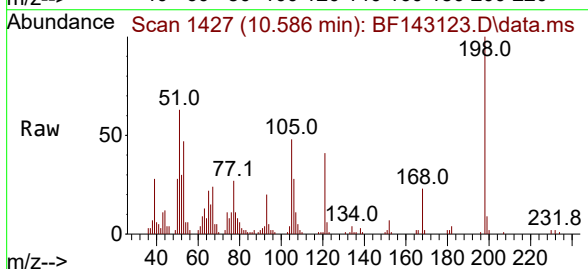


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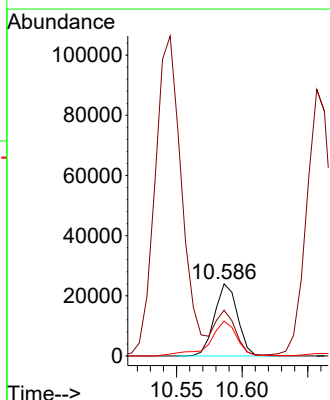
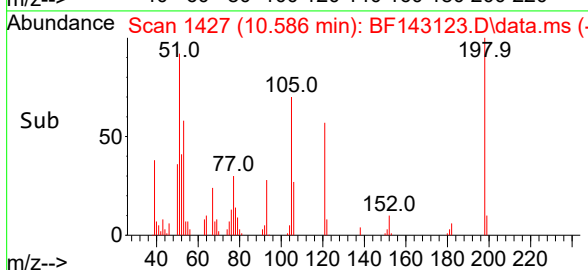
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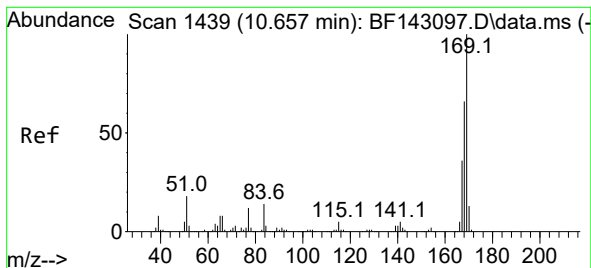


#65
4,6-Dinitro-2-methylphenol
Concen: 22.144 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



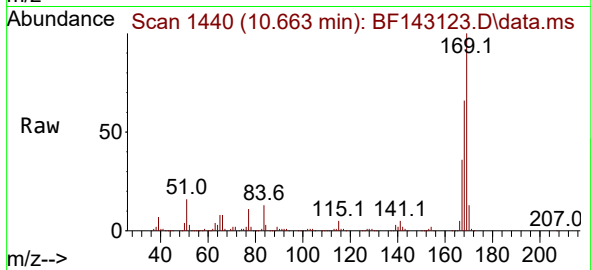
Tgt Ion:198 Resp: 29165
Ion Ratio Lower Upper
198 100
51 63.4 44.6 84.6
105 48.2 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 42.051 ng
RT: 10.663 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

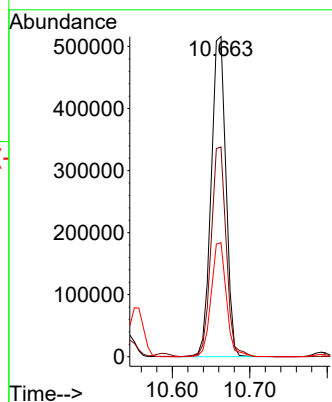
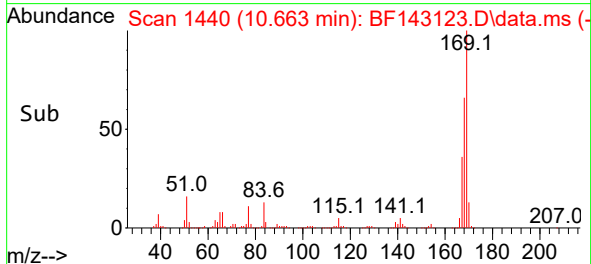
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:169 Resp: 682130
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.6 28.4 42.6

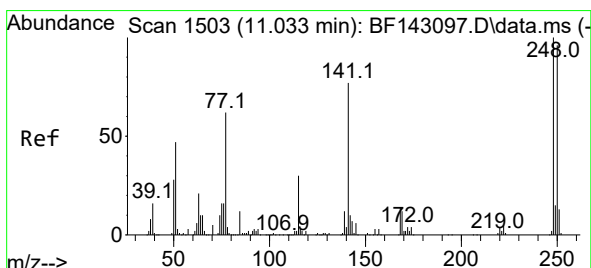
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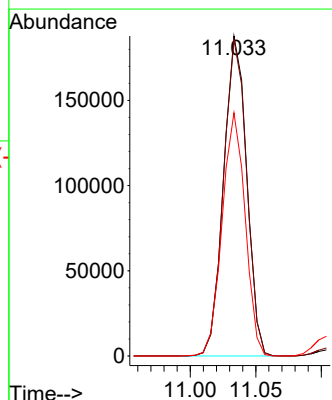
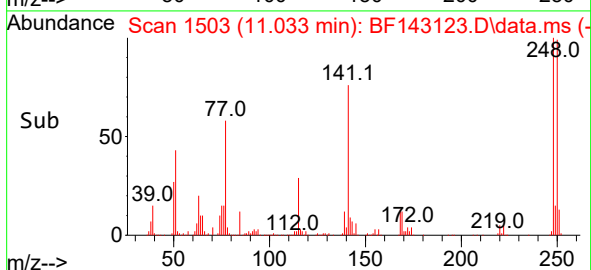
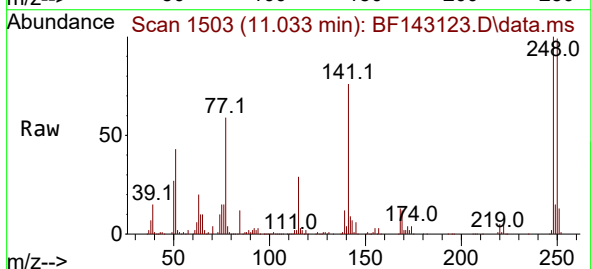
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Supervised By :Jagrut
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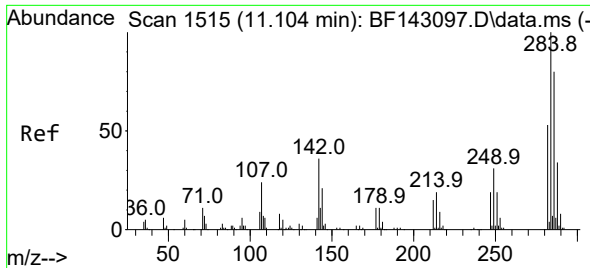
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#67
4-Bromophenyl-phenylether
Concen: 43.804 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

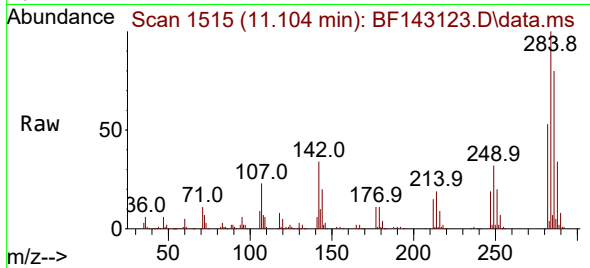
Tgt Ion:248 Resp: 230049
Ion Ratio Lower Upper
248 100
250 98.8 76.7 115.1
141 76.0 61.7 92.5





#68
Hexachlorobenzene
Concen: 43.638 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

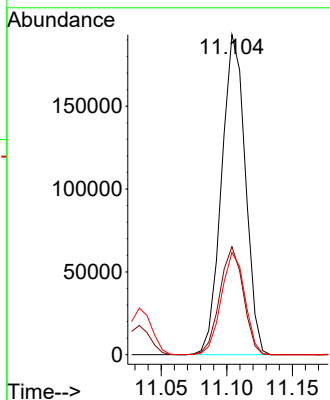
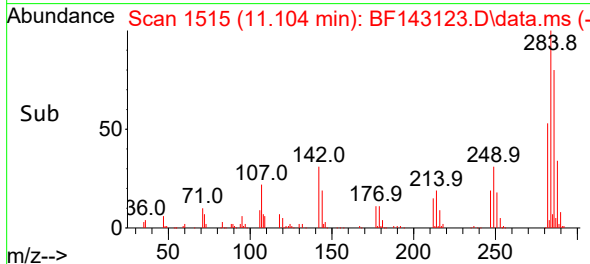
Instrument :
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ClientSampleId :
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Tgt Ion:284 Resp: 243160
Ion Ratio Lower Upper
284 100
142 33.8 28.9 43.3
249 32.0 24.6 37.0

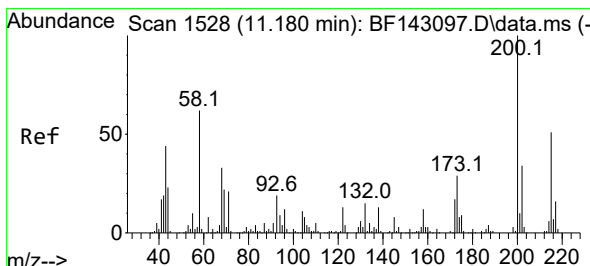
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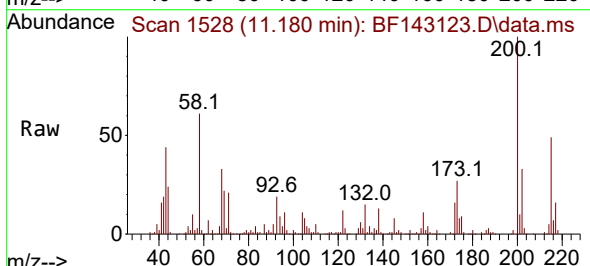


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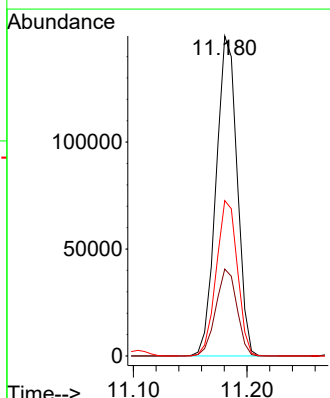
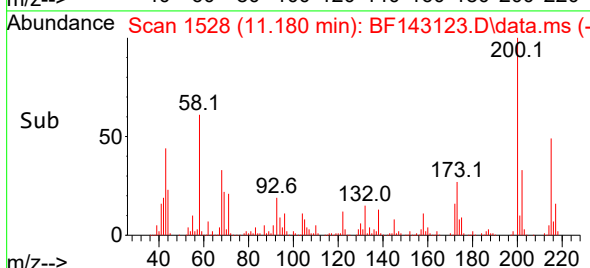
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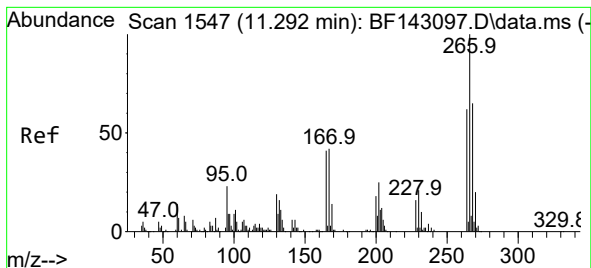


#69
Atrazine
Concen: 46.405 ng
RT: 11.180 min Scan# 1528
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



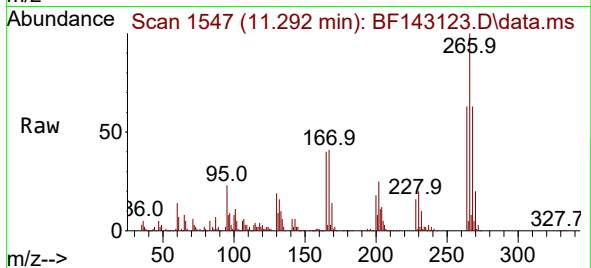
Tgt Ion:200 Resp: 192588
Ion Ratio Lower Upper
200 100
173 27.1 9.1 49.1
215 48.6 31.0 71.0





#70
Pentachlorophenol
Concen: 71.314 ng
RT: 11.292 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

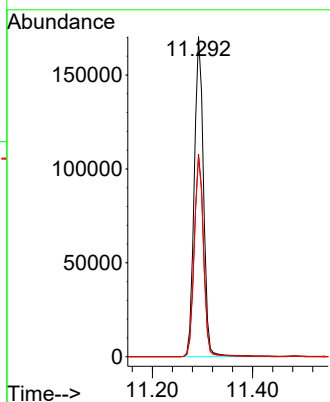
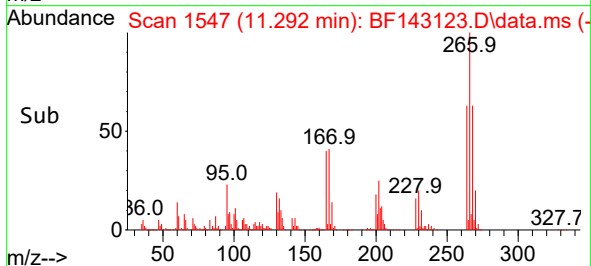
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:266 Resp: 21802
Ion Ratio Lower Upper
266 100
268 63.2 51.8 77.6
264 62.7 49.7 74.5

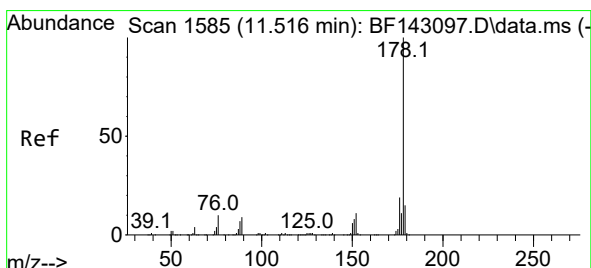
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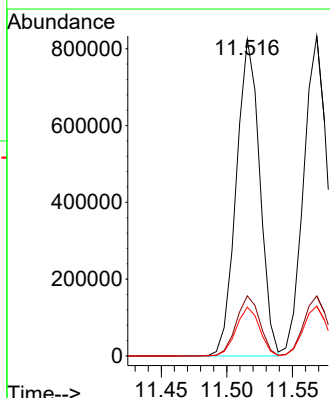
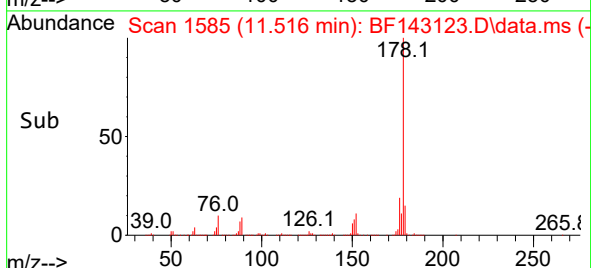
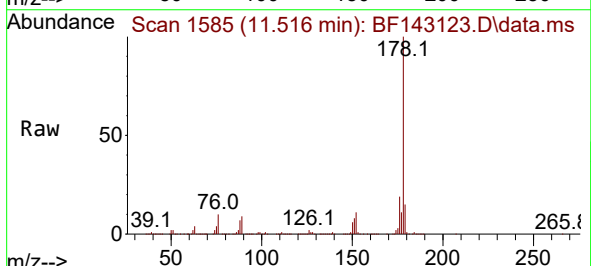
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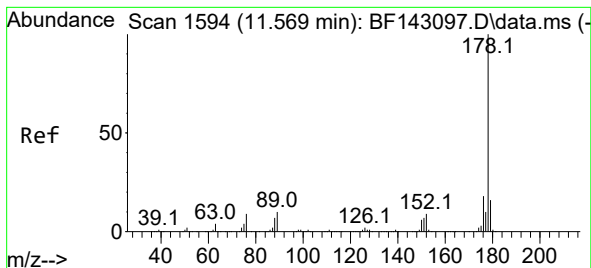
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#71
Phenanthrene
Concen: 41.274 ng
RT: 11.516 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

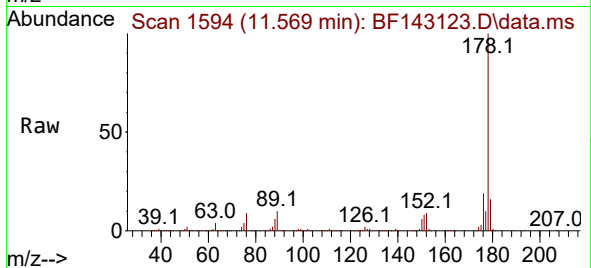
Tgt Ion:178 Resp: 1028670
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.4 12.2 18.4





#72
Anthracene
Concen: 41.528 ng
RT: 11.569 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

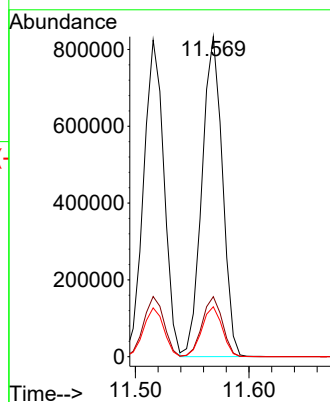
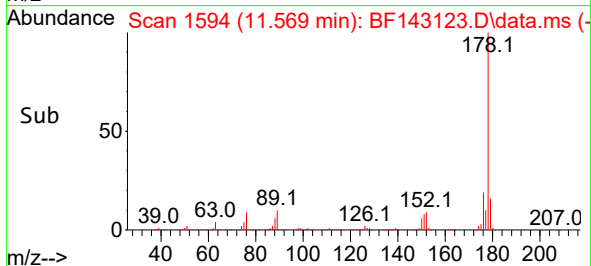
Instrument :
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Tgt Ion:178 Resp: 1040808
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.4 18.6

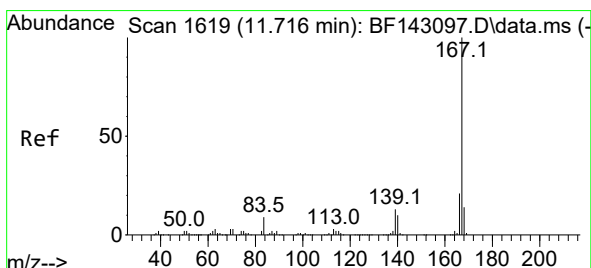
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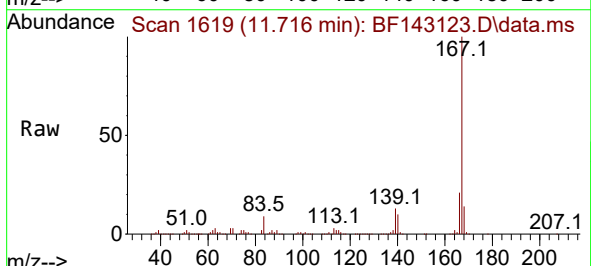


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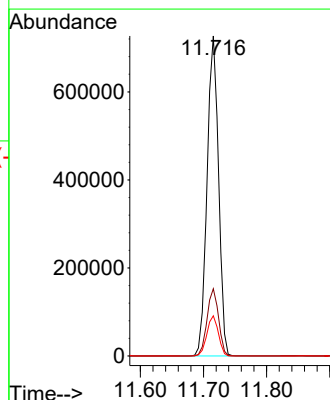
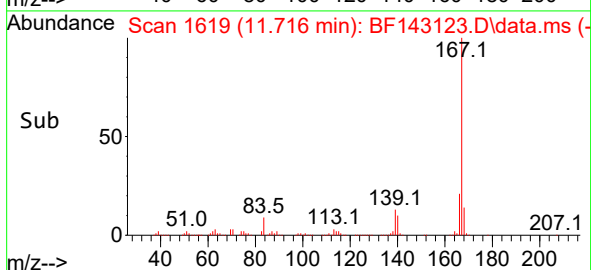
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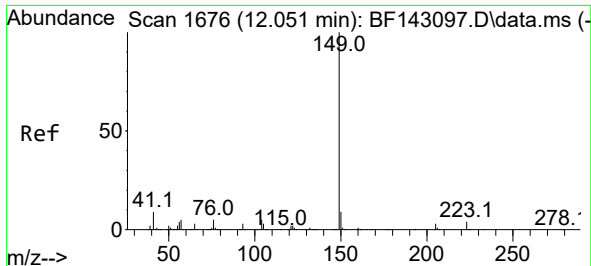


#73
Carbazole
Concen: 40.894 ng
RT: 11.716 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



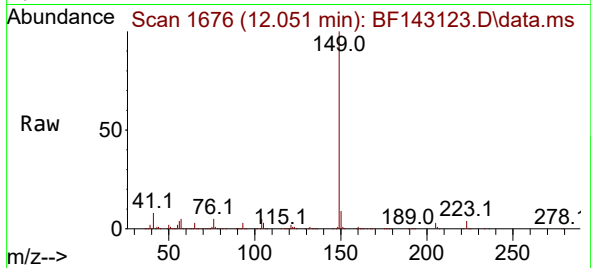
Tgt Ion:167 Resp: 918194
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.6 10.2 15.4





#74
Di-n-butylphthalate
Concen: 47.235 ng
RT: 12.051 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

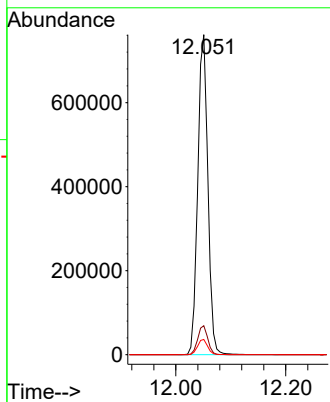
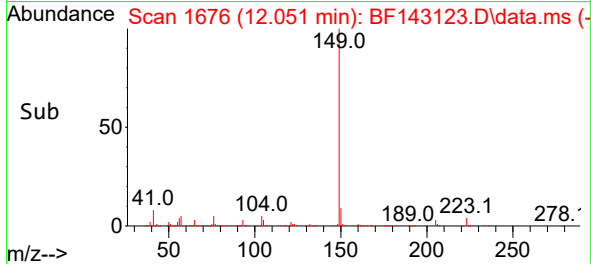
Instrument :
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Tgt Ion:149 Resp: 97353
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.7 3.8 5.8

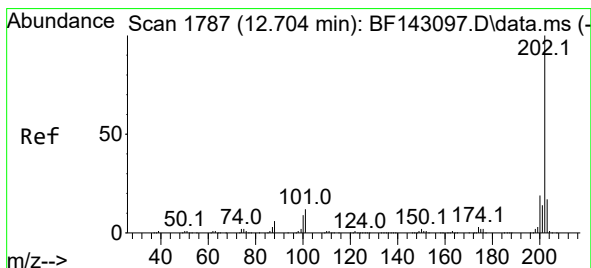
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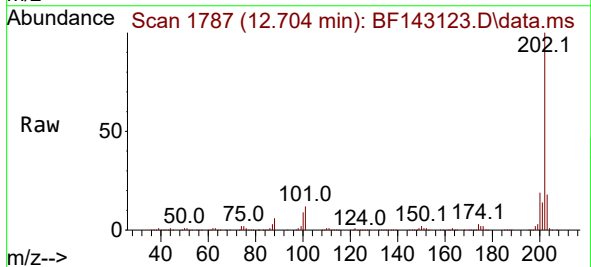


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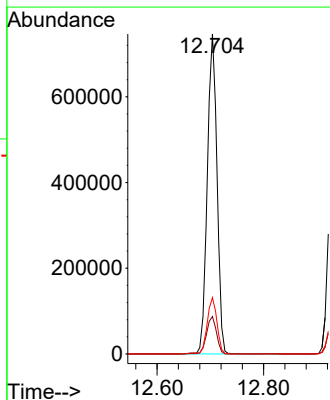
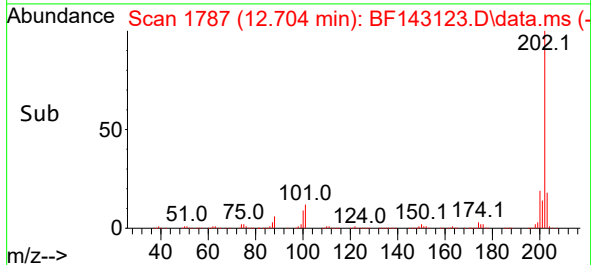
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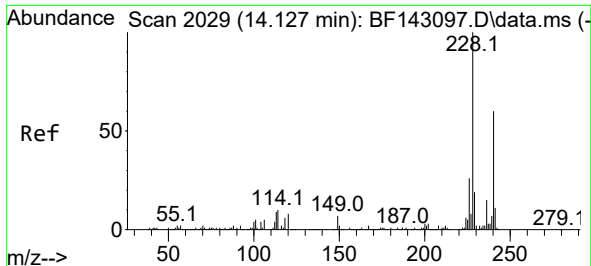


#75
Fluoranthene
Concen: 41.503 ng
RT: 12.704 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



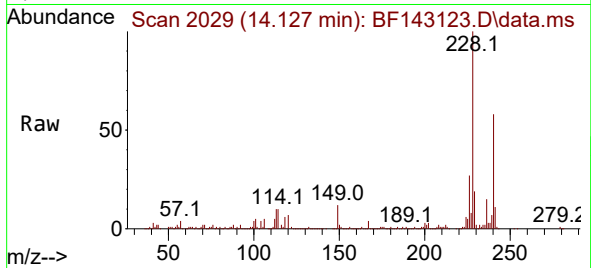
Tgt Ion:202 Resp: 940517
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.6 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

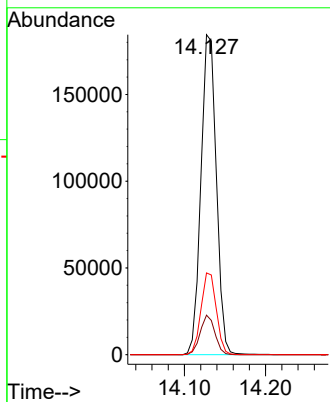
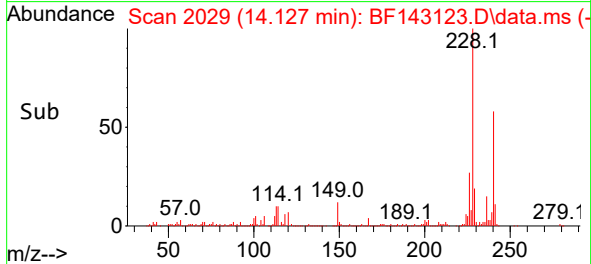
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:240 Resp: 242870
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.5 20.0 30.0

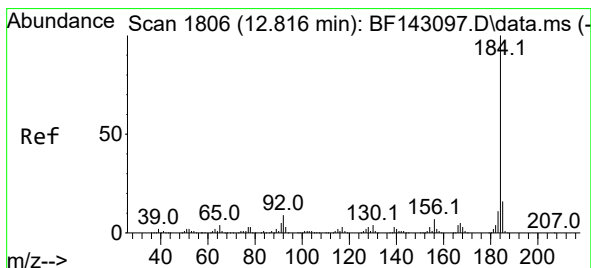
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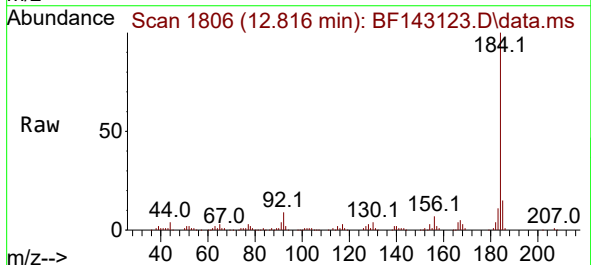


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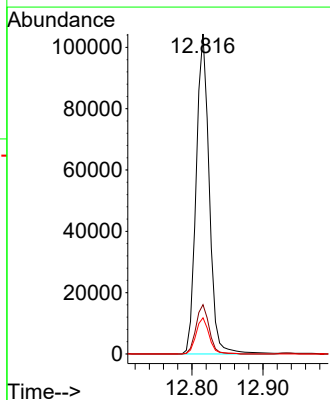
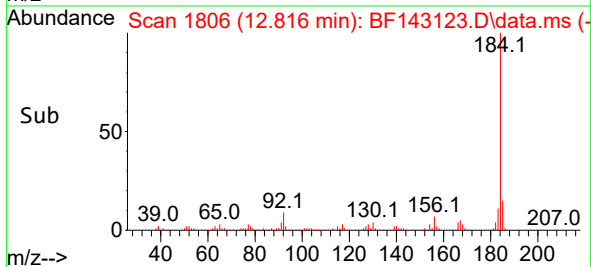
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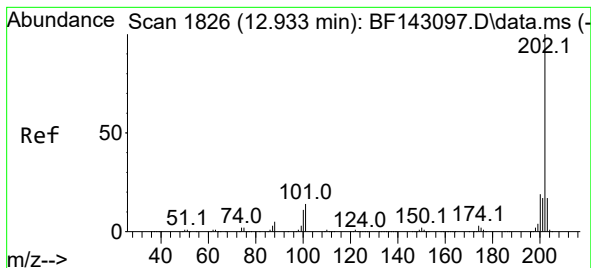


#77
Benzidine
Concen: 16.165 ng
RT: 12.816 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



Tgt Ion:184 Resp: 133752
Ion Ratio Lower Upper
184 100
185 15.4 12.4 18.6
183 11.3 8.6 12.8





#78

Pyrene

Concen: 40.522 ng

RT: 12.933 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Instrument :

BNA_F

ClientSampleId :

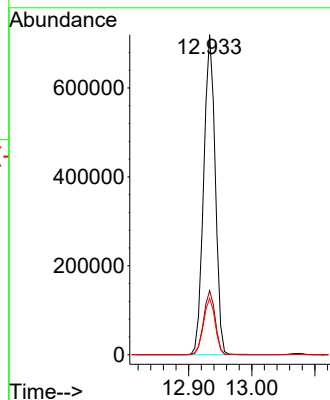
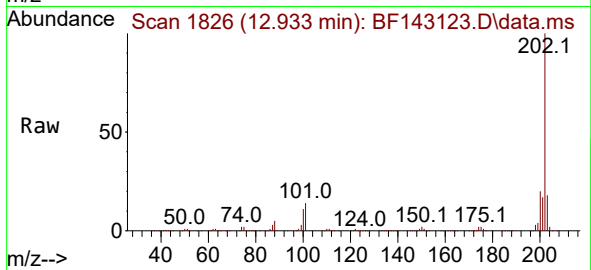
WC-SOIL-20250711MSD

Tgt Ion:202 Resp: 913140

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.5	23.3
203	17.6	14.0	21.0

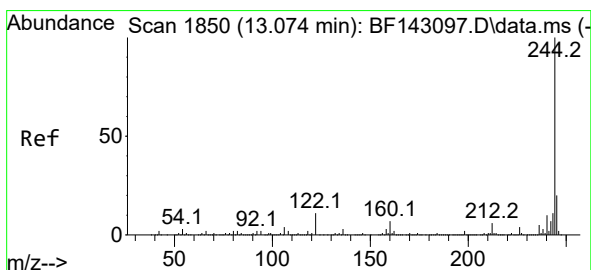
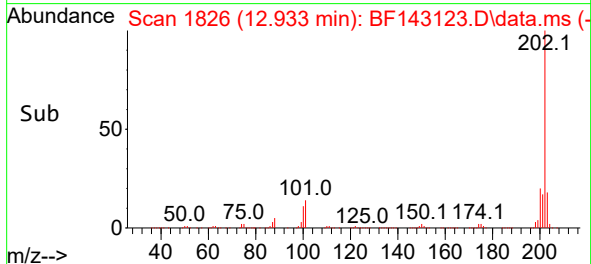
Manual Integrations
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Reviewed By :Rahul
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Upadhyay

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#79

Terphenyl-d14

Concen: 68.707 ng

RT: 13.074 min Scan# 1850

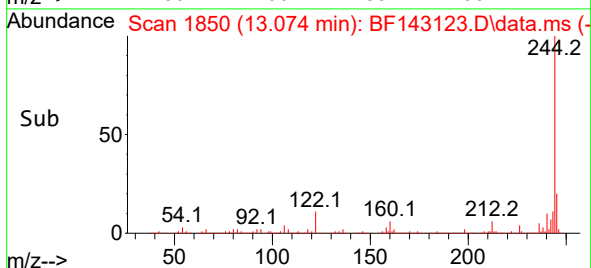
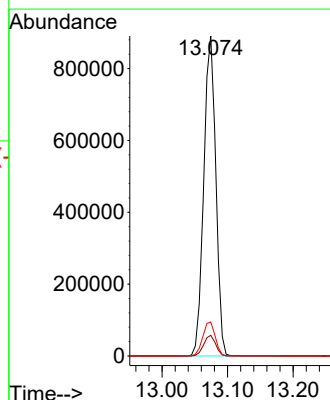
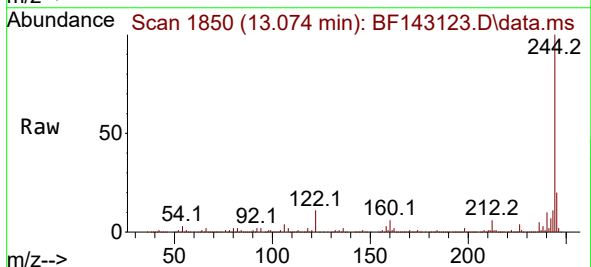
Delta R.T. -0.000 min

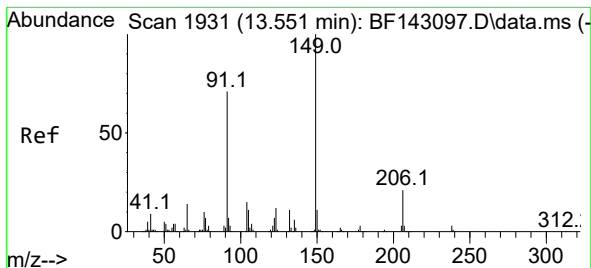
Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Tgt Ion:244 Resp: 1141518

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.6	8.8	13.2





#80

Butylbenzylphthalate

Concen: 49.895 ng

RT: 13.545 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Instrument :

BNA_F

ClientSampleId :

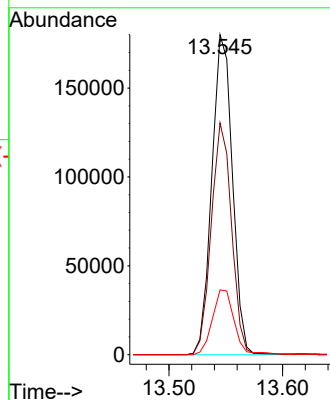
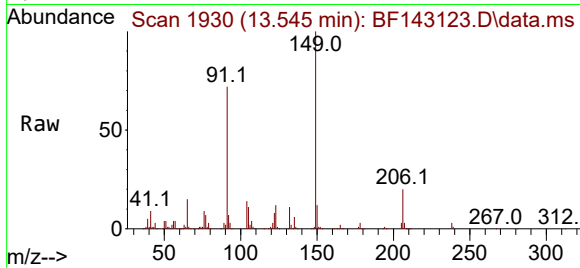
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Tgt Ion:149 Resp: 226549

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.0	85.4
206	20.2	17.2	25.8

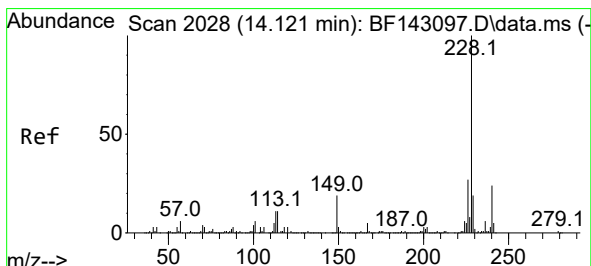
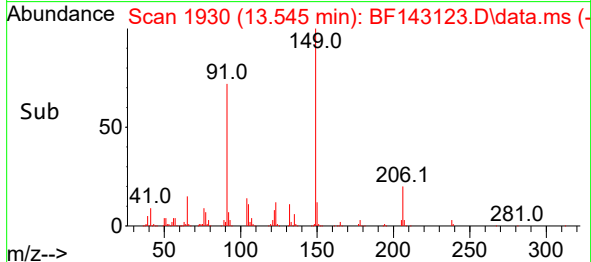
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Reviewed By :Rahul
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Upadhyay

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#81

Benzo(a)anthracene

Concen: 43.273 ng

RT: 14.121 min Scan# 2028

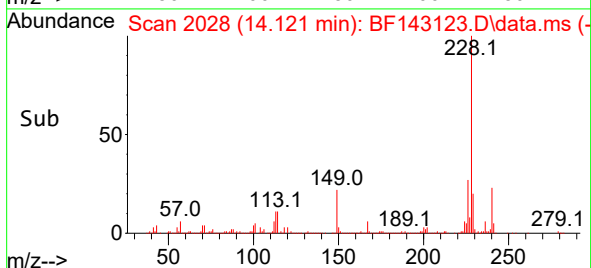
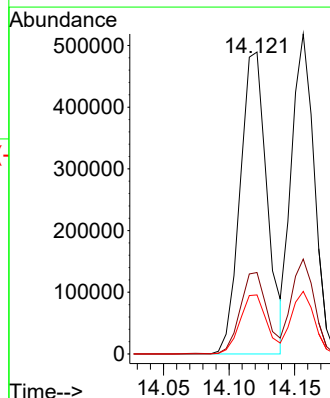
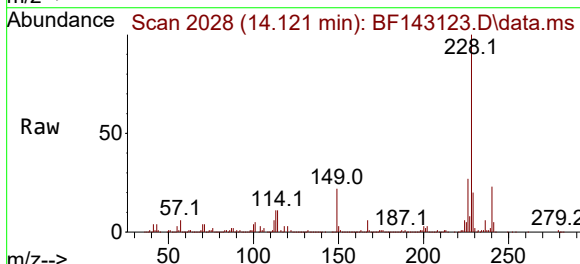
Delta R.T. -0.000 min

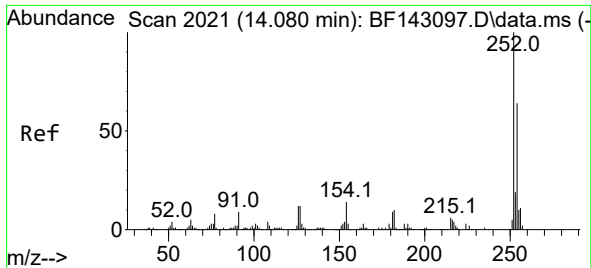
Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Tgt Ion:228 Resp: 700338

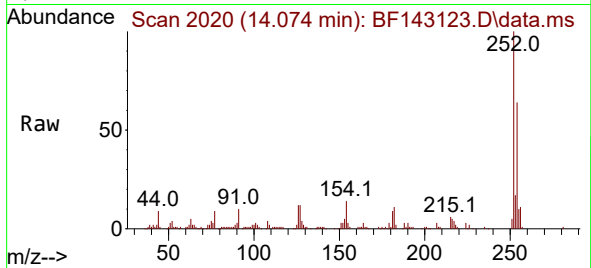
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.5	15.5	23.3





#82
3,3'-Dichlorobenzidine
Concen: 15.363 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

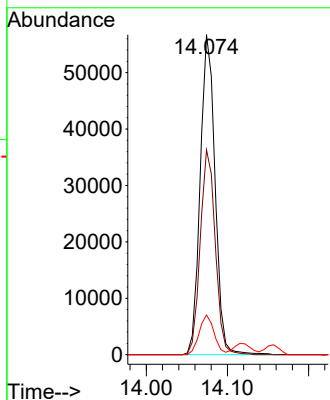
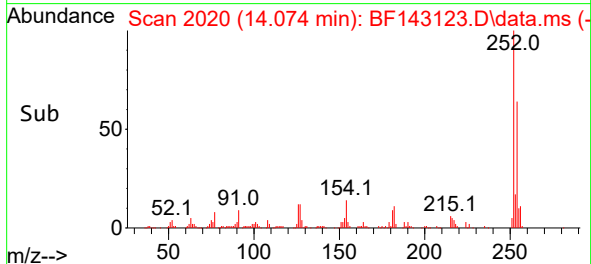
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 72202
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 12.4 9.4 14.0

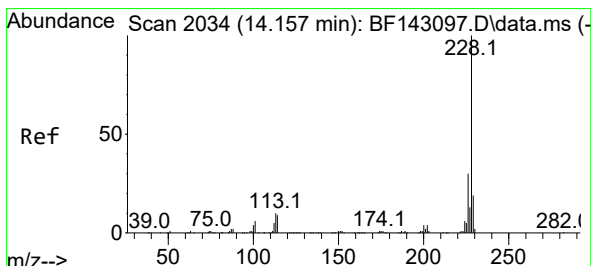
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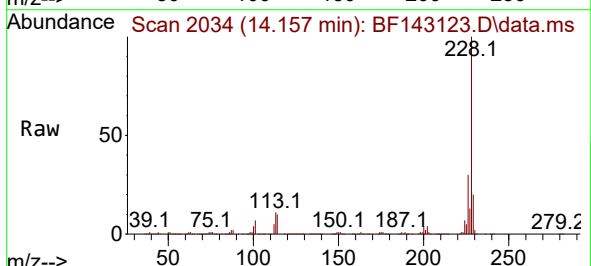


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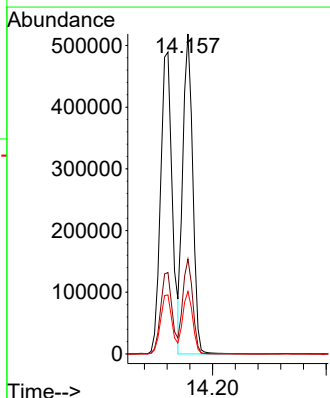
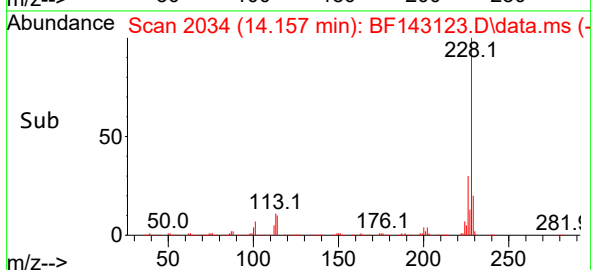
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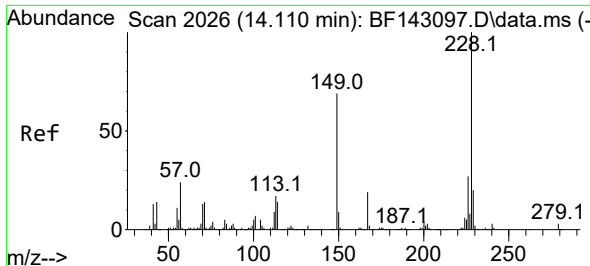


#83
Chrysene
Concen: 42.056 ng
RT: 14.157 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



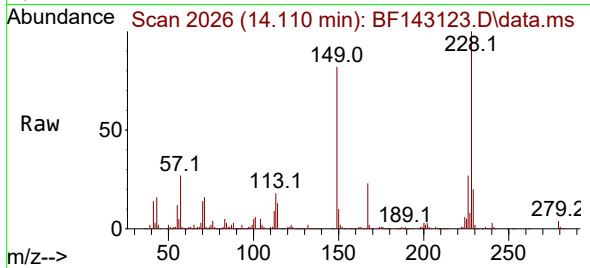
Tgt Ion:228 Resp: 626869
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 19.6 15.3 22.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 50.248 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

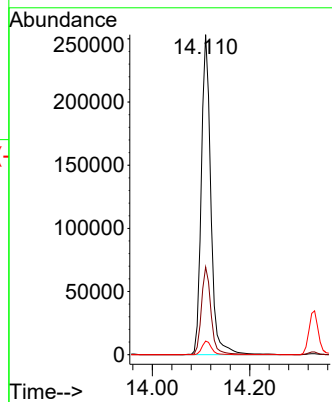
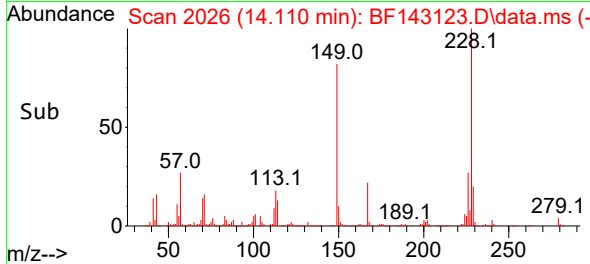
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:149 Resp: 344260
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.3 3.4 5.0

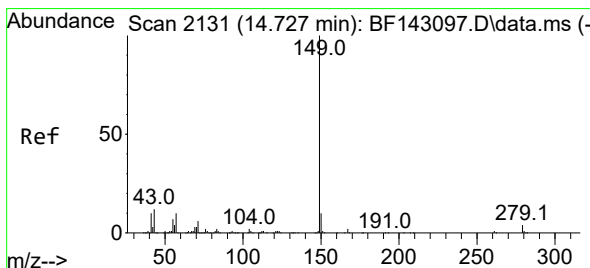
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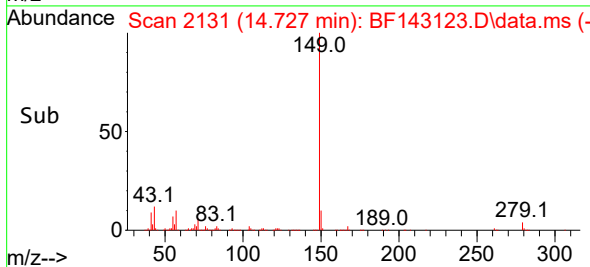
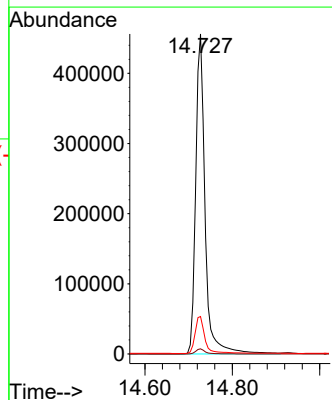
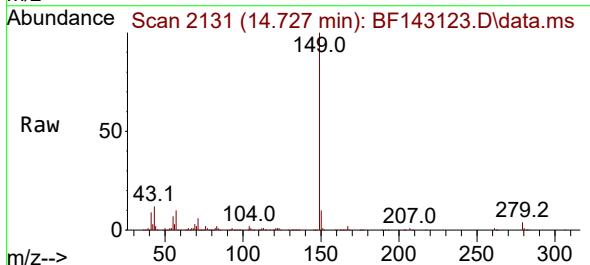
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Upadhyay

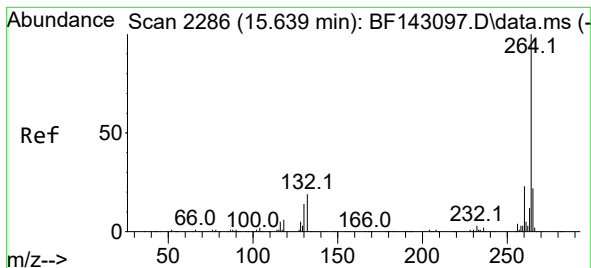
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#85
Di-n-octyl phthalate
Concen: 52.034 ng
RT: 14.727 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

Tgt Ion:149 Resp: 680638
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.3 10.6 16.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20250711MSD

Tgt Ion:264 Resp: 288284

Ion Ratio Lower Upper

264 100

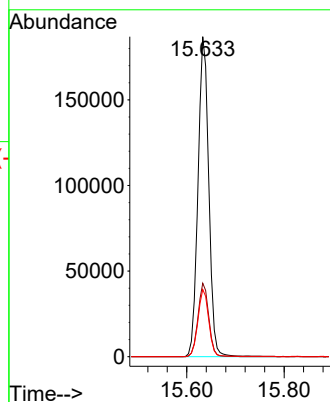
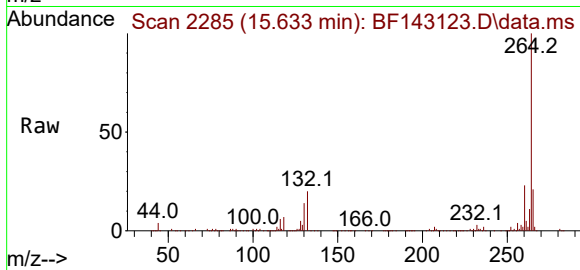
260 23.0 18.5 27.7

265 21.0 17.5 26.3

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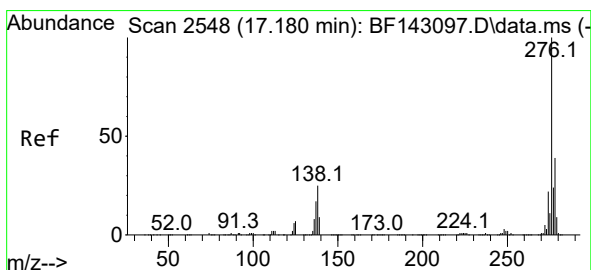
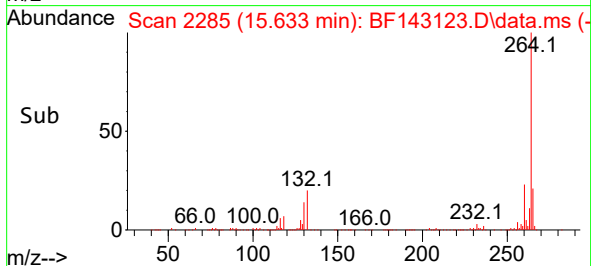
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Reviewed By :Rahul
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Upadhyay

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#87

Indeno(1,2,3-cd)pyrene

Concen: 43.324 ng

RT: 17.180 min Scan# 2548

Delta R.T. -0.000 min

Lab File: BF143123.D

Acq: 16 Jul 2025 22:38

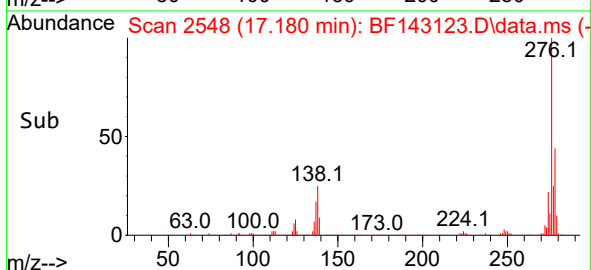
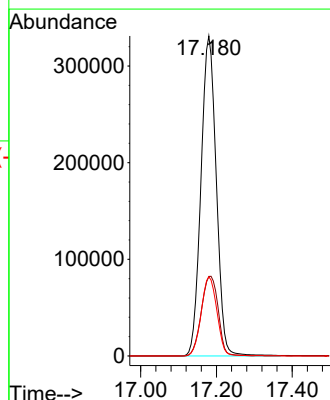
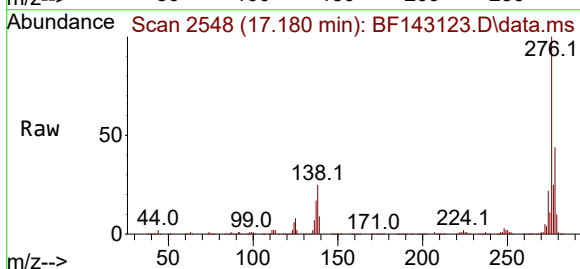
Tgt Ion:276 Resp: 928932

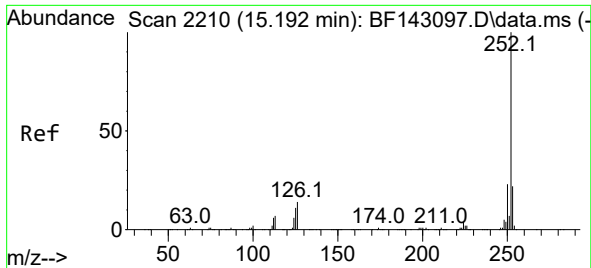
Ion Ratio Lower Upper

276 100

138 27.3 22.6 34.0

277 25.4 20.2 30.2





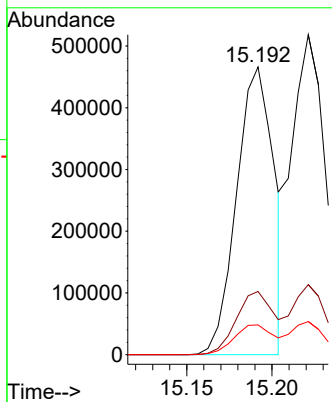
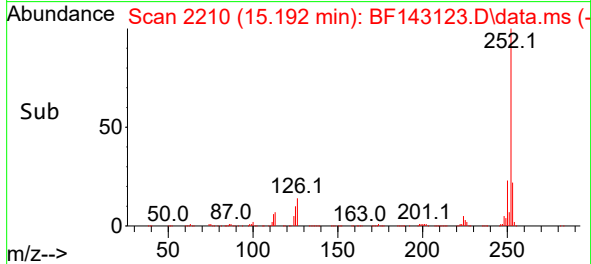
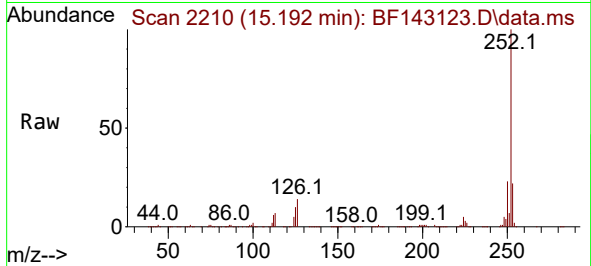
#88
Benzo(b)fluoranthene
Concen: 42.554 ng
RT: 15.192 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20250711MSD

Tgt Ion:252 Resp: 707624
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.3 8.6 13.0

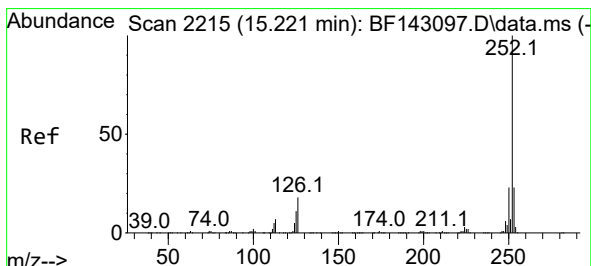
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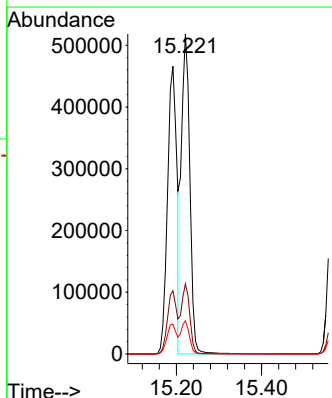
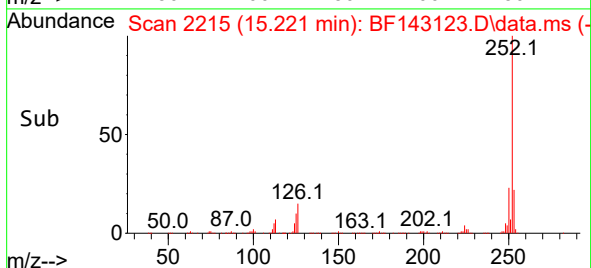
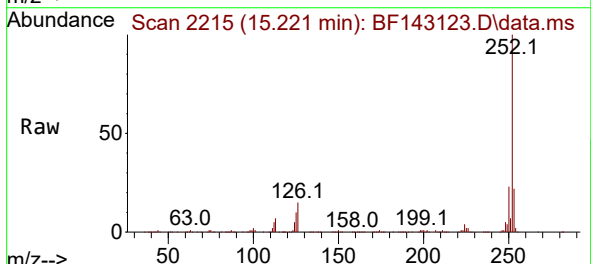
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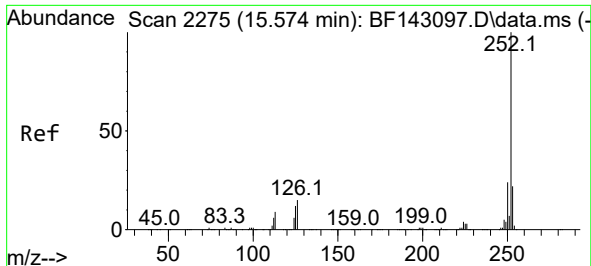
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#89
Benzo(k)fluoranthene
Concen: 45.560 ng
RT: 15.221 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

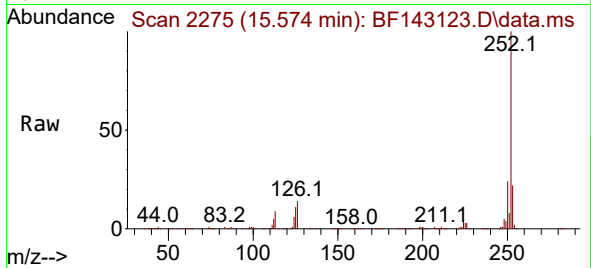
Tgt Ion:252 Resp: 722763
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.4 8.5 12.7





#90
Benzo(a)pyrene
Concen: 44.811 ng
RT: 15.574 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38

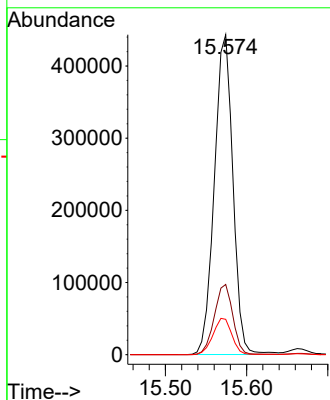
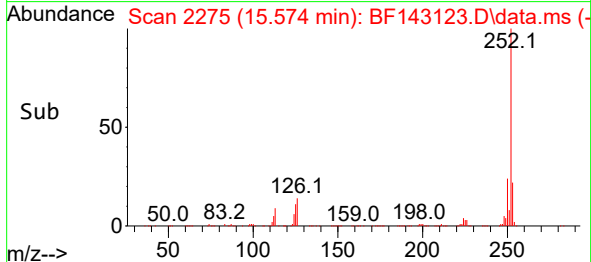
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 704754
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.0 9.4 14.0

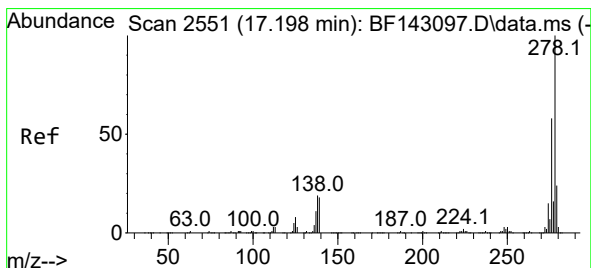
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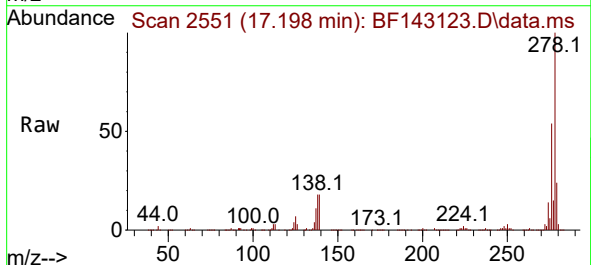


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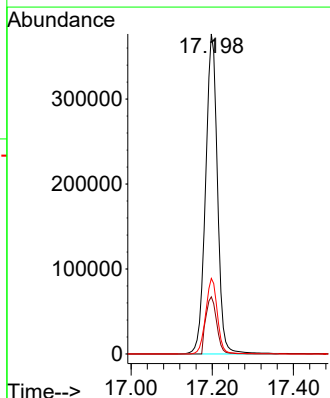
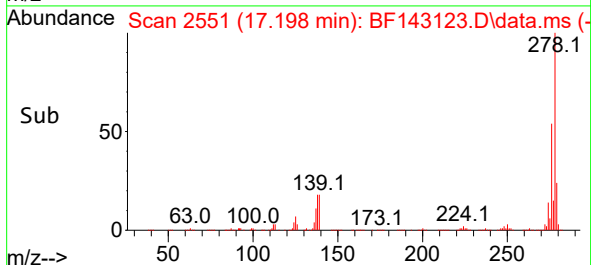
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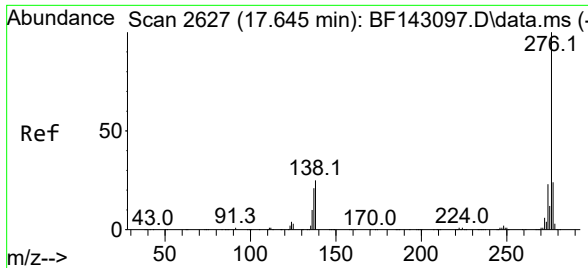


#91
Dibenzo(a,h)anthracene
Concen: 43.634 ng
RT: 17.198 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF143123.D
Acq: 16 Jul 2025 22:38



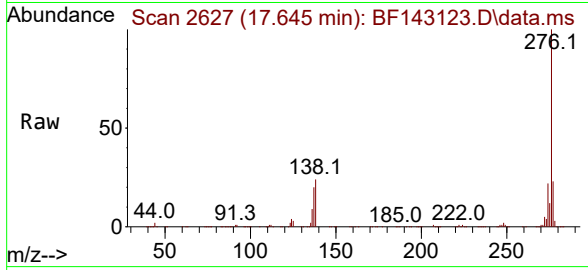
Tgt Ion:278 Resp: 764803
Ion Ratio Lower Upper
278 100
139 17.9 14.6 22.0
279 23.6 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 41.795 ng
 RT: 17.645 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF143123.D
 Acq: 16 Jul 2025 22:38

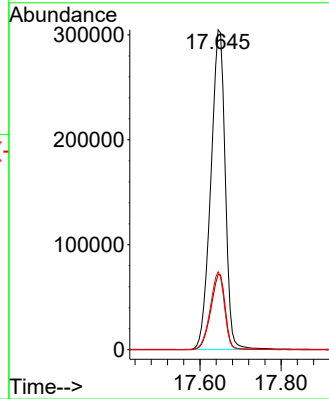
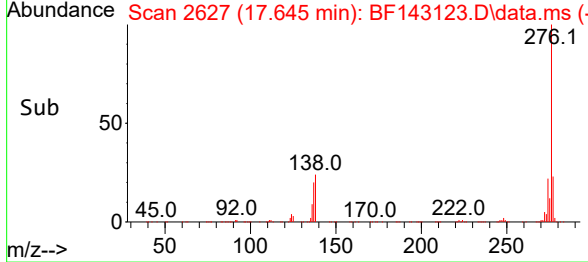
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20250711MSD



Tgt Ion:	276	Resp:	74687
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	24.3	19.8	29.6

Manual Integrations
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 Chavli



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 Upadhyay

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