

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126364.D
 Acq On : 27 Dec 2021 19:38
 Operator : JU/CG
 Sample : M5208-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-SOIL-1

Quant Time: Dec 28 06:00:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

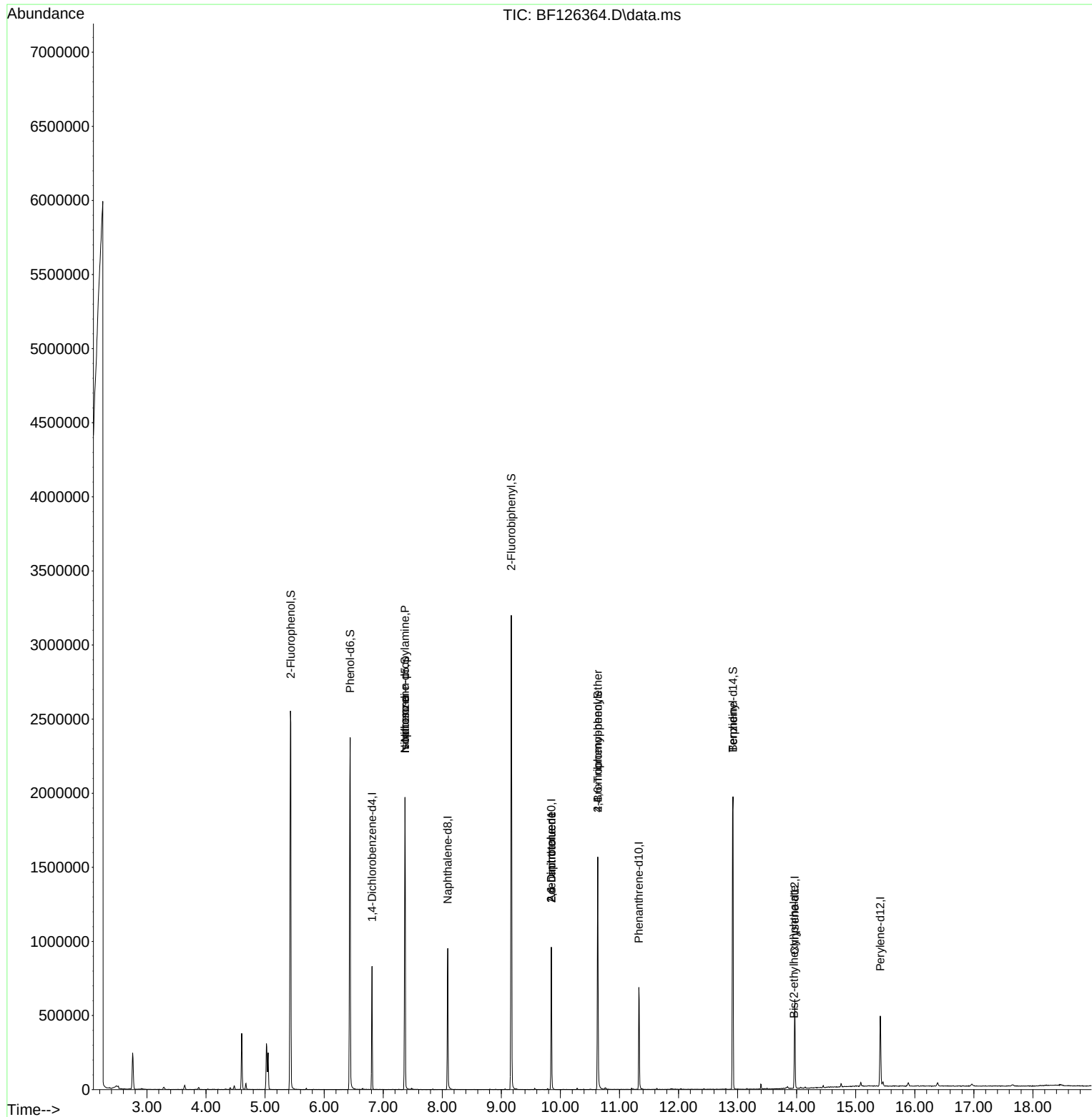
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	111306	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	443644	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	187121	20.000	ng	-0.01
64) Phenanthrene-d10	11.328	188	255834	20.000	ng	#-0.01
76) Chrysene-d12	13.969	240	191641	20.000	ng	-0.01
86) Perylene-d12	15.416	264	204764	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	822711	108.850	ng	0.00
7) Phenol-d6	6.440	99	935733	97.503	ng	0.00
23) Nitrobenzene-d5	7.369	82	688510	84.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	186686	124.144	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	975571	91.440	ng	-0.01
79) Terphenyl-d14	12.922	244	700099	63.497	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	85348	14.486	ng	# 56
25) Isophorone	7.369	82	688504	44.509	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	24504	9.551	ng	# 28
57) 2,4-Dinitrotoluene	9.845	165	24504	7.487	ng	# 20
67) 4-Bromophenyl-phenylether	10.633	248	9730	4.052	ng	# 1
77) Benzidine	12.922	184	8429	2.790	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	21303	2.301	ng	96

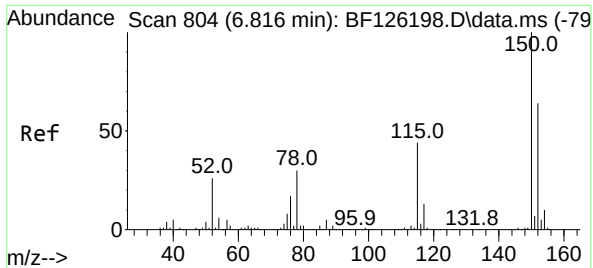
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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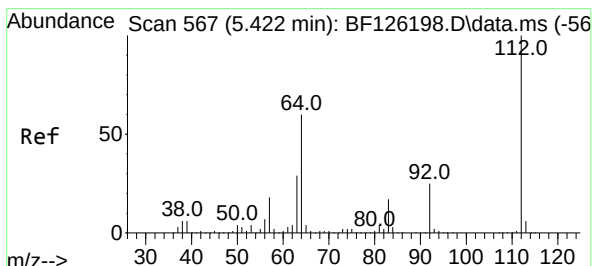
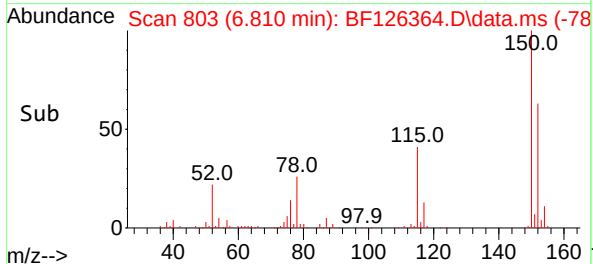
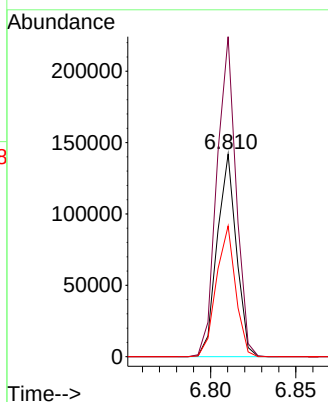
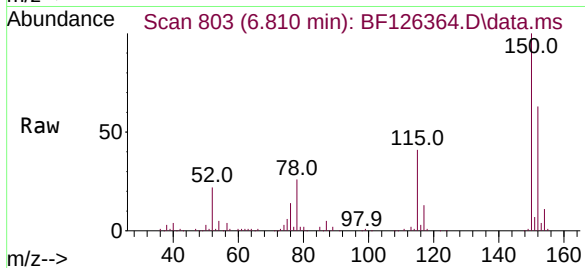




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

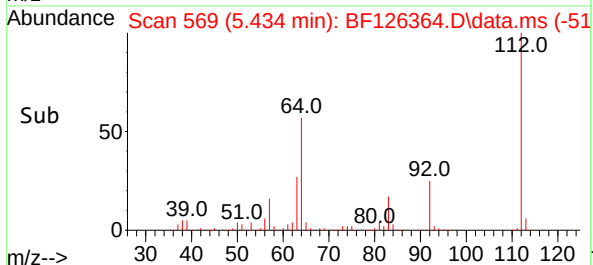
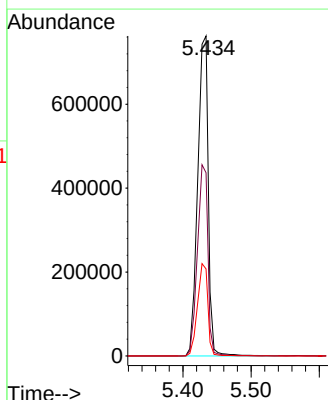
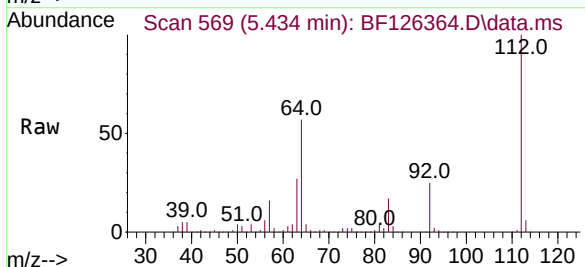
Instrument :
BNA_F
ClientSampleId :
WP-SOIL-1

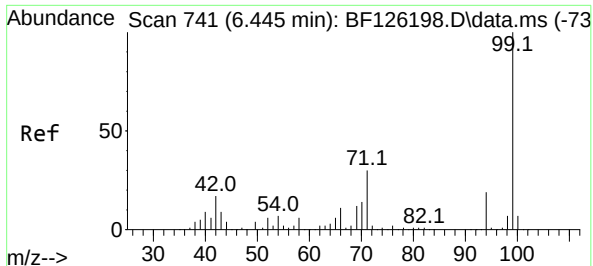
Tgt Ion:152 Resp: 111306
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 108.850 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

Tgt Ion:112 Resp: 822711
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 27.2 26.2 39.2

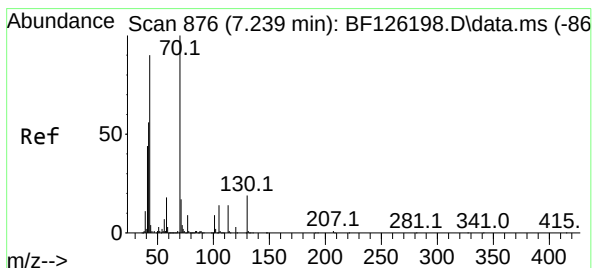
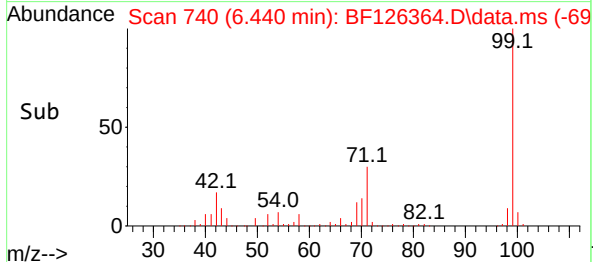
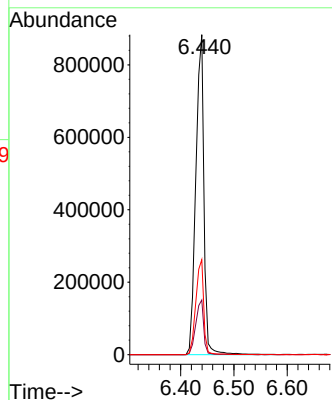
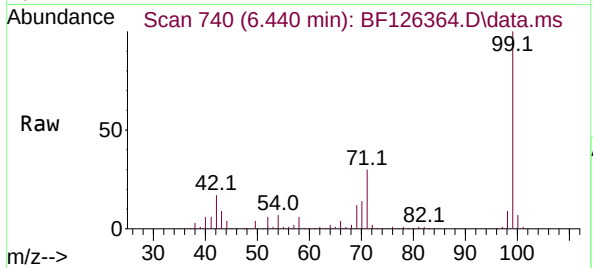




#7
Phenol-d6
Concen: 97.503 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

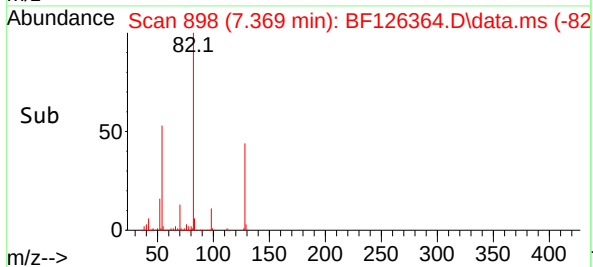
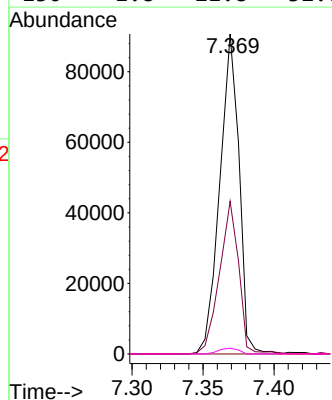
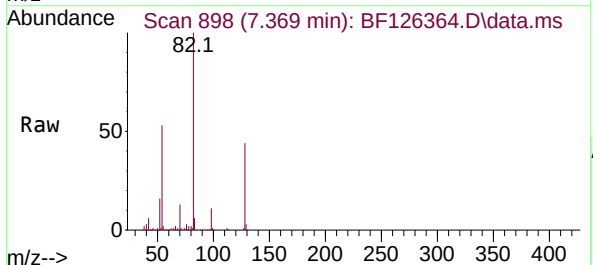
Instrument :
BNA_F
ClientSampleId :
WP-SOIL-1

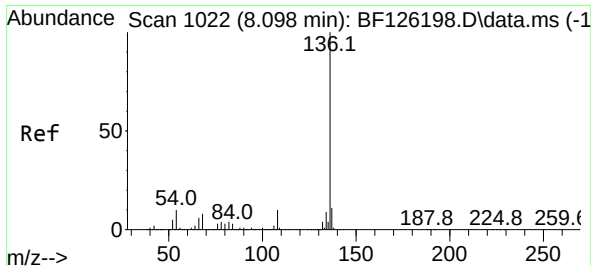
Tgt Ion: 99 Resp: 935733
Ion Ratio Lower Upper
99 100
42 17.1 23.5 35.3#
71 29.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.486 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

Tgt Ion: 70 Resp: 85348
Ion Ratio Lower Upper
70 100
42 47.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

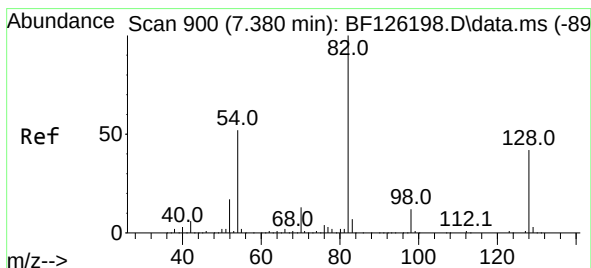
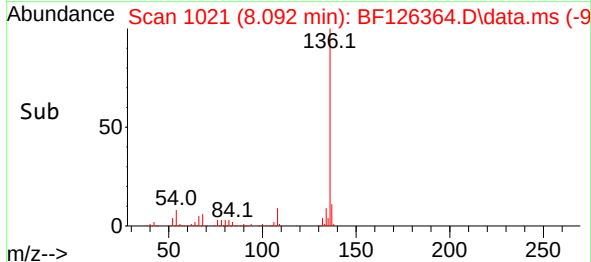
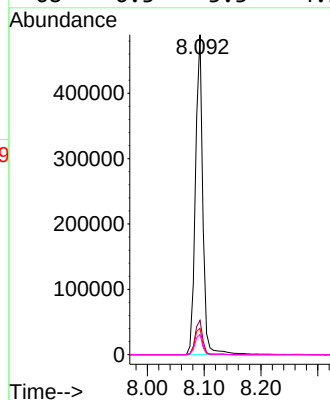
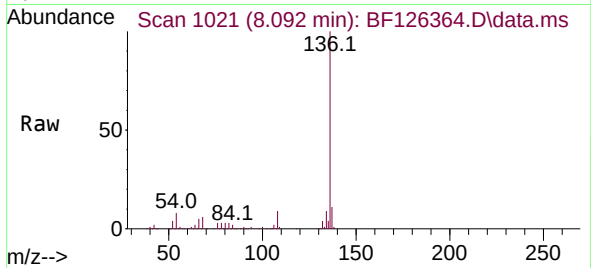




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

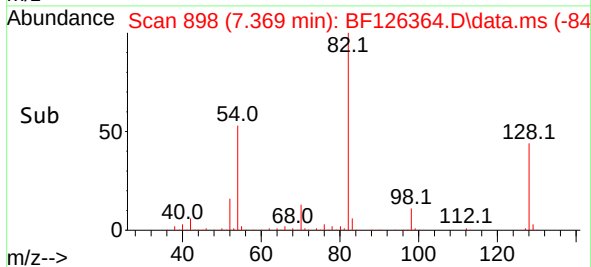
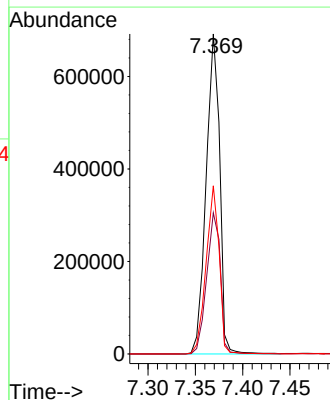
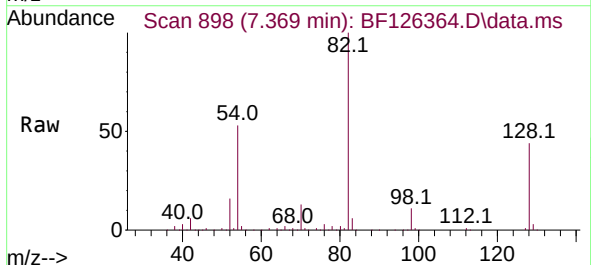
Instrument :
BNA_F
ClientSampleId :
WP-SOIL-1

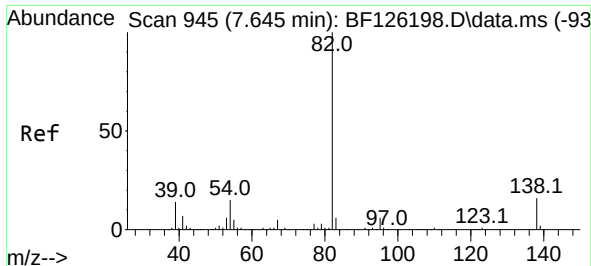
Tgt Ion:136	Resp: 443644
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 8.2	6.4 9.6
68 6.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 84.052 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

Tgt Ion: 82	Resp: 688510
Ion Ratio	Lower Upper
82 100	
128 44.1	40.6 60.8
54 52.6	49.6 74.4

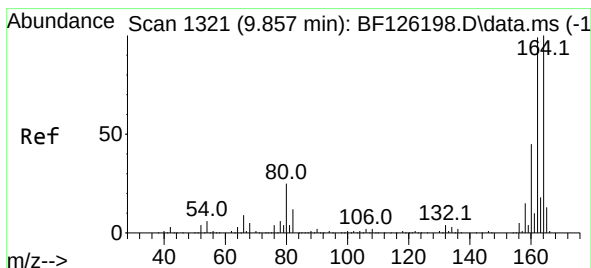
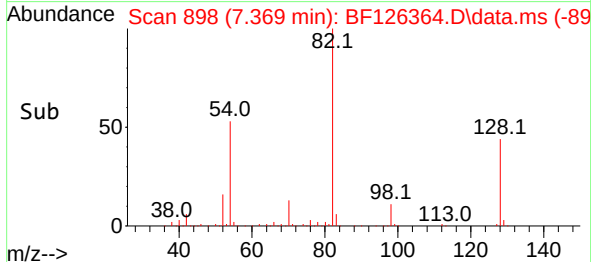
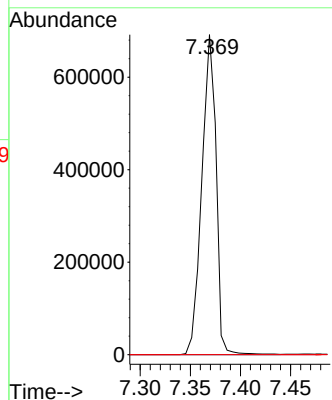
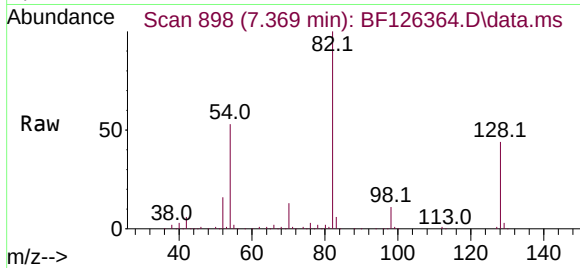




#25
Isophorone
Concen: 44.509 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

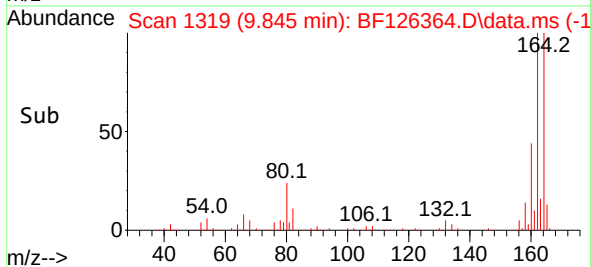
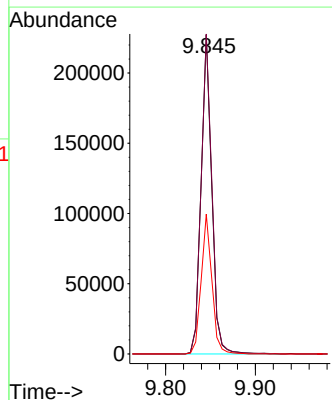
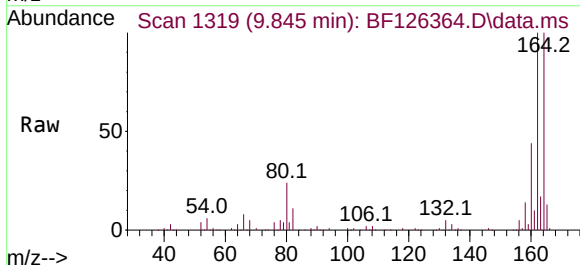
Instrument :
BNA_F
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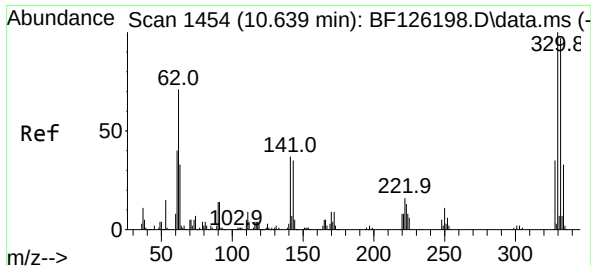
Tgt Ion: 82 Resp: 688504
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

Tgt Ion: 164 Resp: 187121
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.8 38.0 57.0

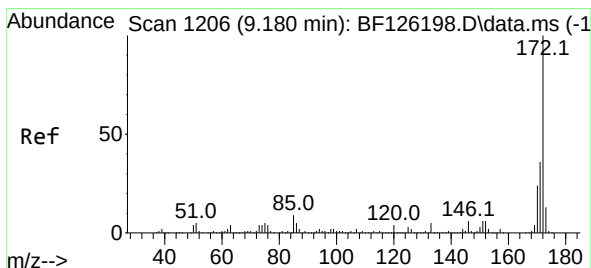
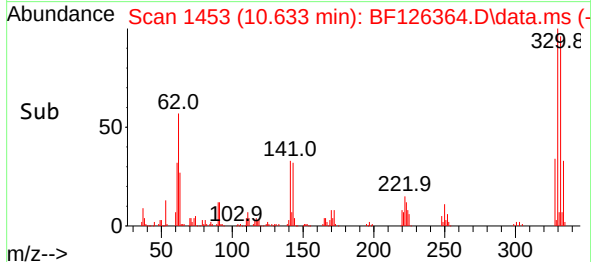
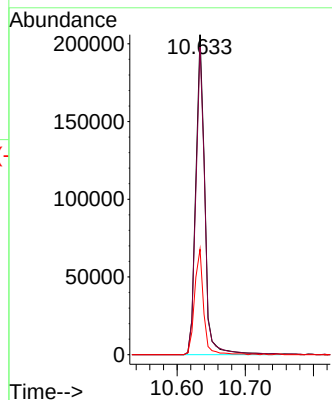
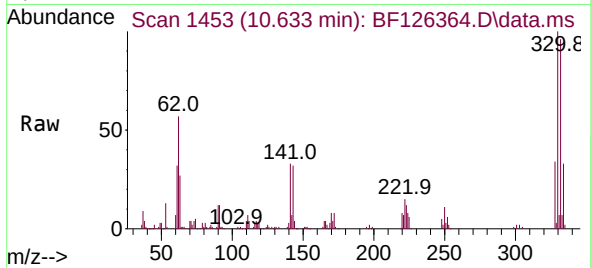




#42
 2,4,6-Tribromophenol
 Concen: 124.144 ng
 RT: 10.633 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BF126364.D
 Acq: 27 Dec 2021 19:38

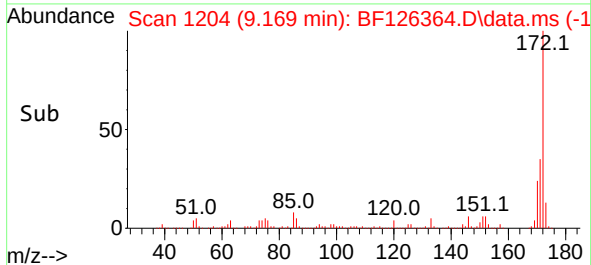
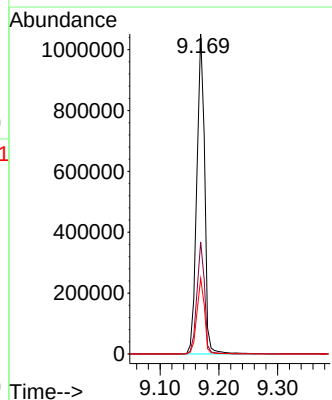
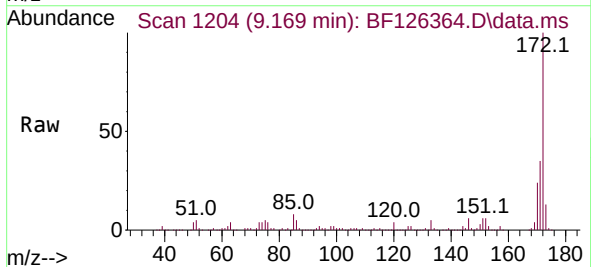
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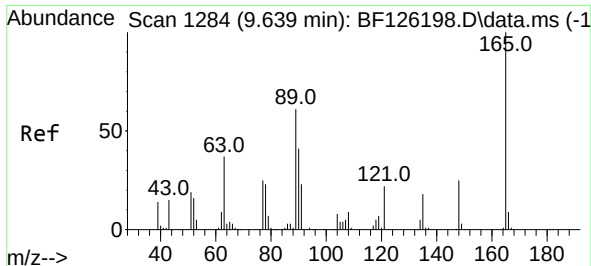
Tgt Ion:330 Resp: 186686
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 33.0 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 91.440 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. -0.012 min
 Lab File: BF126364.D
 Acq: 27 Dec 2021 19:38

Tgt Ion:172 Resp: 975571
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.5 39.7
 170 23.6 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.551 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF126364.D

Acq: 27 Dec 2021 19:38

Instrument :

BNA_F

ClientSampleId :

WP-SOIL-1

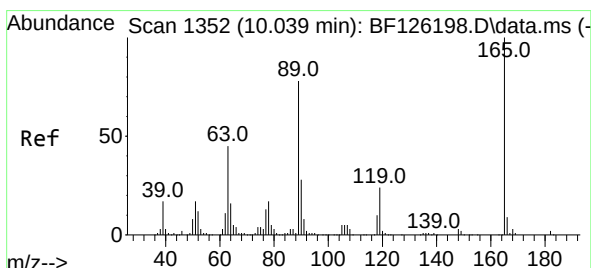
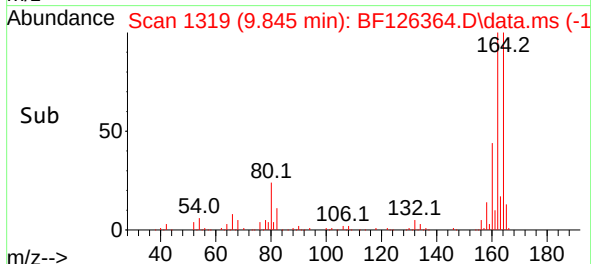
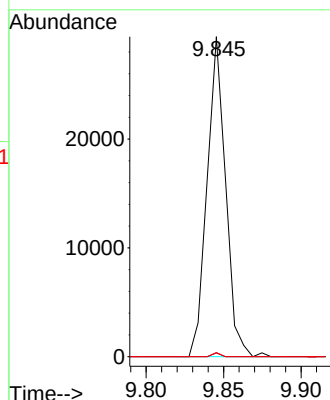
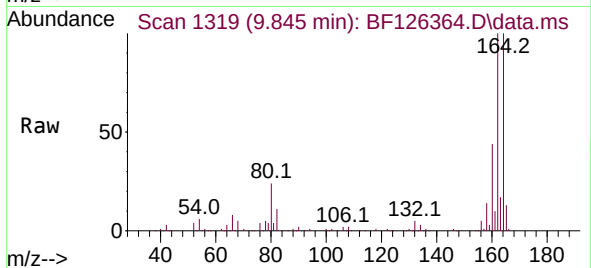
Tgt Ion:165 Resp: 24504

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 1.3 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.487 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.194 min

Lab File: BF126364.D

Acq: 27 Dec 2021 19:38

Tgt Ion:165 Resp: 24504

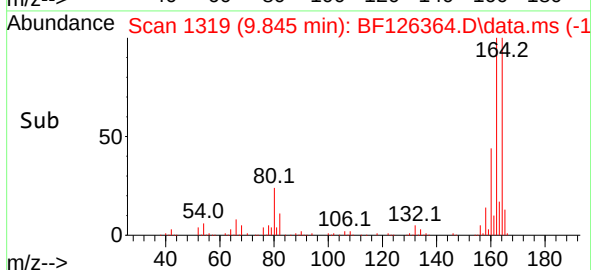
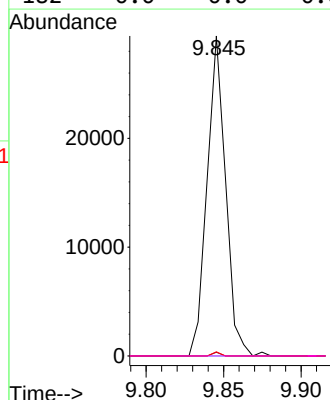
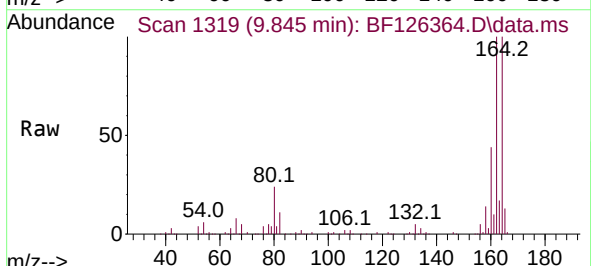
Ion Ratio Lower Upper

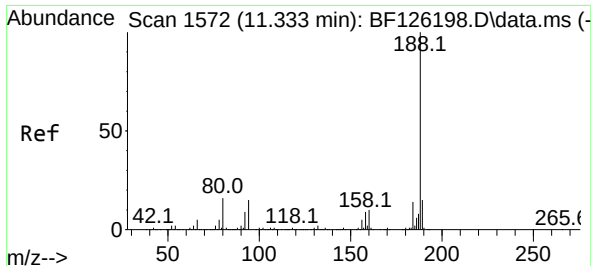
165 100

63 1.2 40.9 61.3#

89 1.3 59.7 89.5#

182 0.0 0.0 0.0

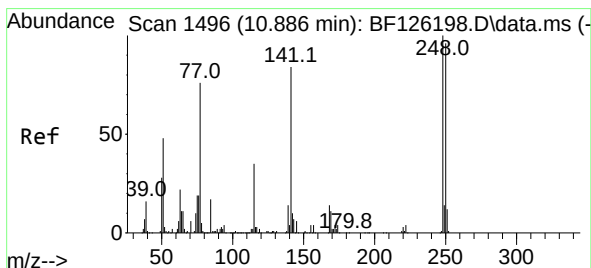
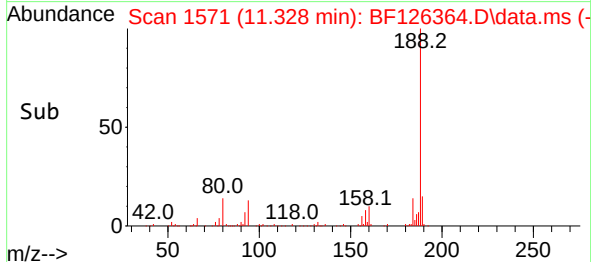
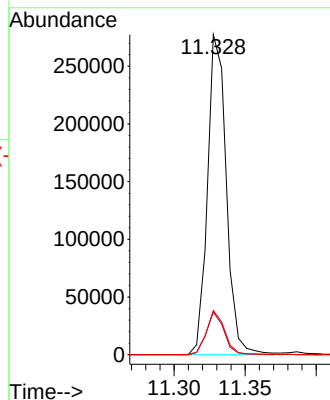
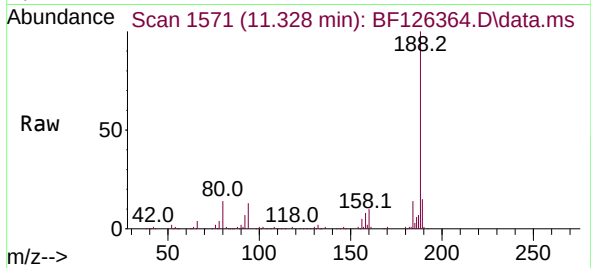




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

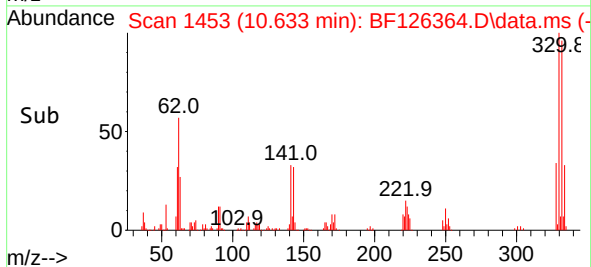
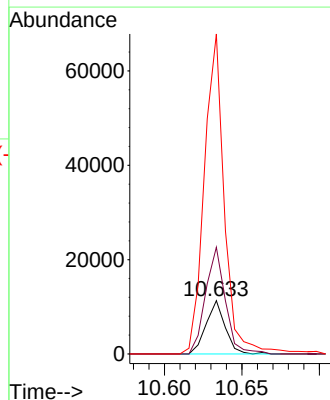
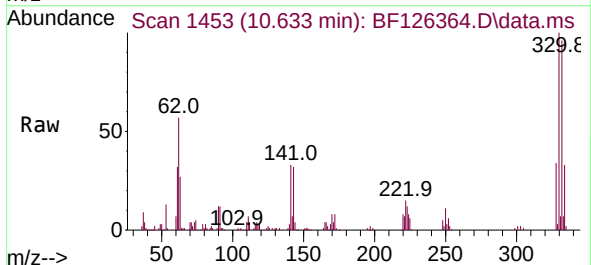
Instrument :
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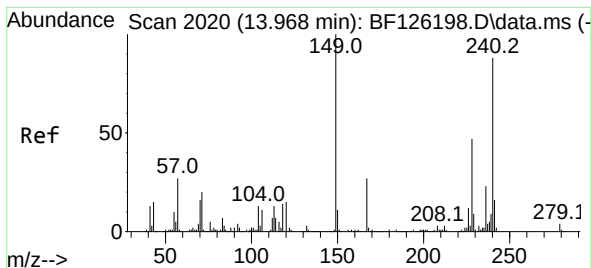
Tgt Ion:188 Resp: 255834
Ion Ratio Lower Upper
188 100
94 13.3 6.7 10.1#
80 13.8 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.052 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126364.D
Acq: 27 Dec 2021 19:38

Tgt Ion:248 Resp: 9730
Ion Ratio Lower Upper
248 100
250 200.0 74.2 111.4#
141 599.7 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126364.D

Acq: 27 Dec 2021 19:38

Instrument :

BNA_F

ClientSampleId :

WP-SOIL-1

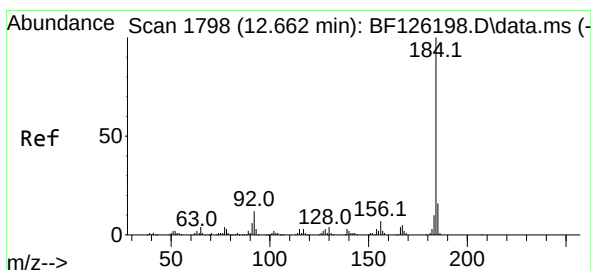
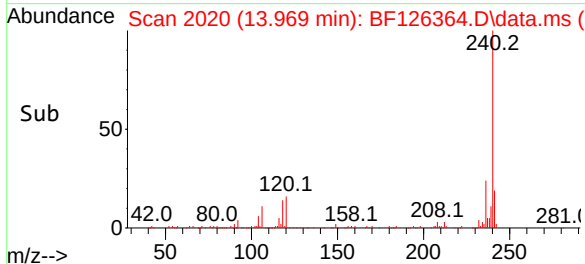
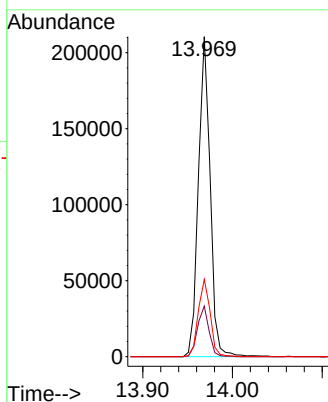
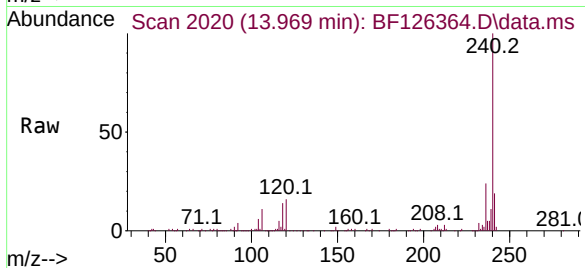
Tgt Ion:240 Resp: 191641

Ion Ratio Lower Upper

240 100

120 15.8 10.8 16.2

236 24.2 21.6 32.4



#77

Benzidine

Concen: 2.790 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF126364.D

Acq: 27 Dec 2021 19:38

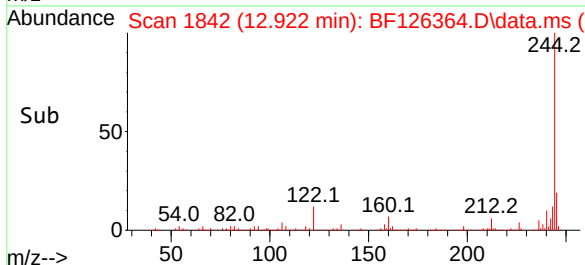
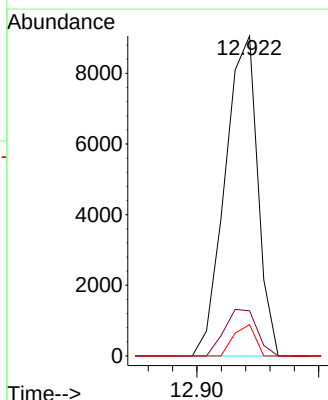
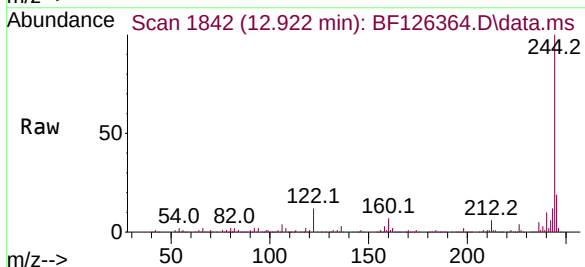
Tgt Ion:184 Resp: 8429

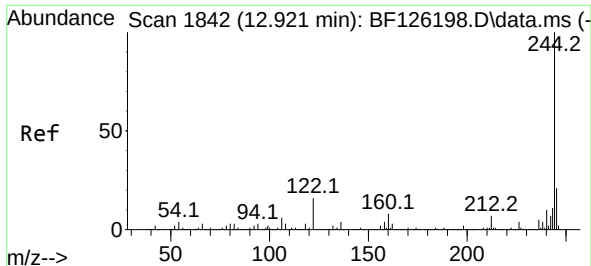
Ion Ratio Lower Upper

184 100

185 14.1 10.8 16.2

183 9.8 8.1 12.1

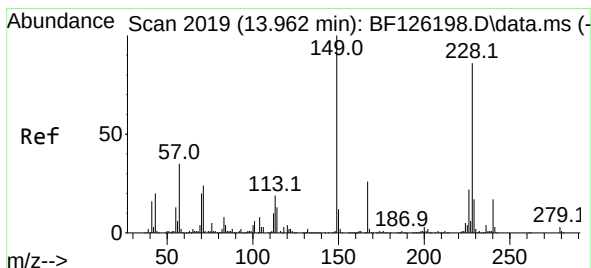
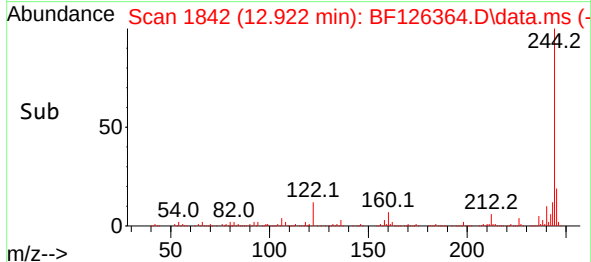
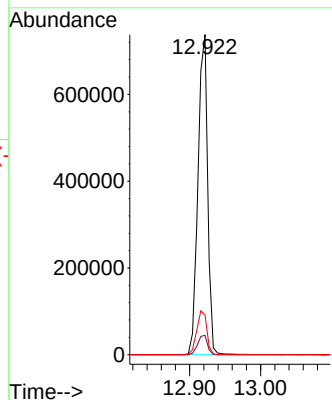
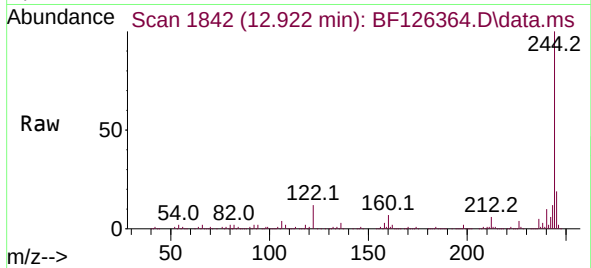




#79
 Terphenyl-d14
 Concen: 63.497 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126364.D
 Acq: 27 Dec 2021 19:38

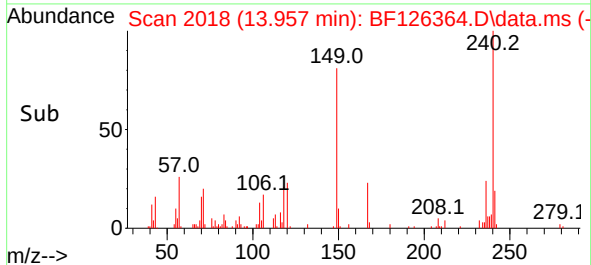
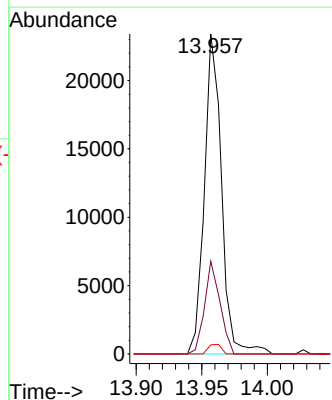
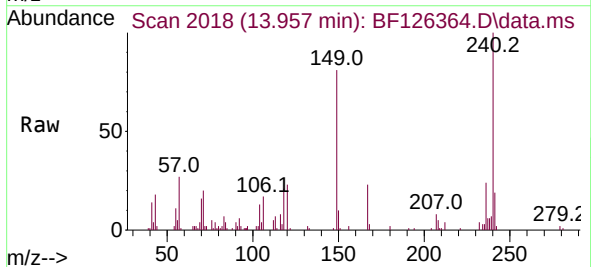
Instrument :
 BNA_F
 ClientSampleId :
 WP-SOIL-1

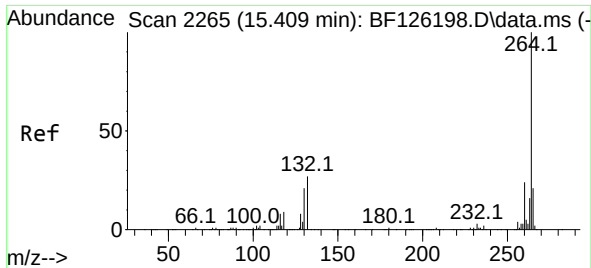
Tgt Ion:244 Resp: 700099
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.9 8.9
 122 12.3 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.301 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF126364.D
 Acq: 27 Dec 2021 19:38

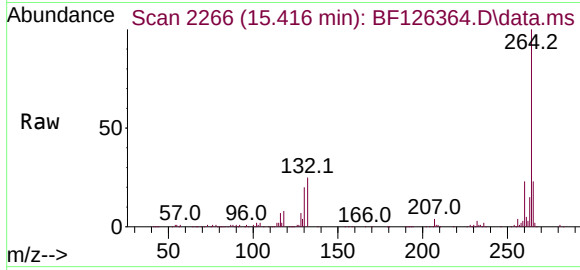
Tgt Ion:149 Resp: 21303
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.4 32.0
 279 2.9 2.6 4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126364.D
 Acq: 27 Dec 2021 19:38

Instrument :
 BNA_F
 ClientSampleId :
 WP-SOIL-1



Tgt Ion:264 Resp: 204764

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.5	17.2	25.8

