

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124011.D
 Acq On : 20 May 2021 16:12
 Operator : JU/CG
 Sample : M2462-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-MAIN-BREAK-SOIL

Quant Time: May 20 16:40:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

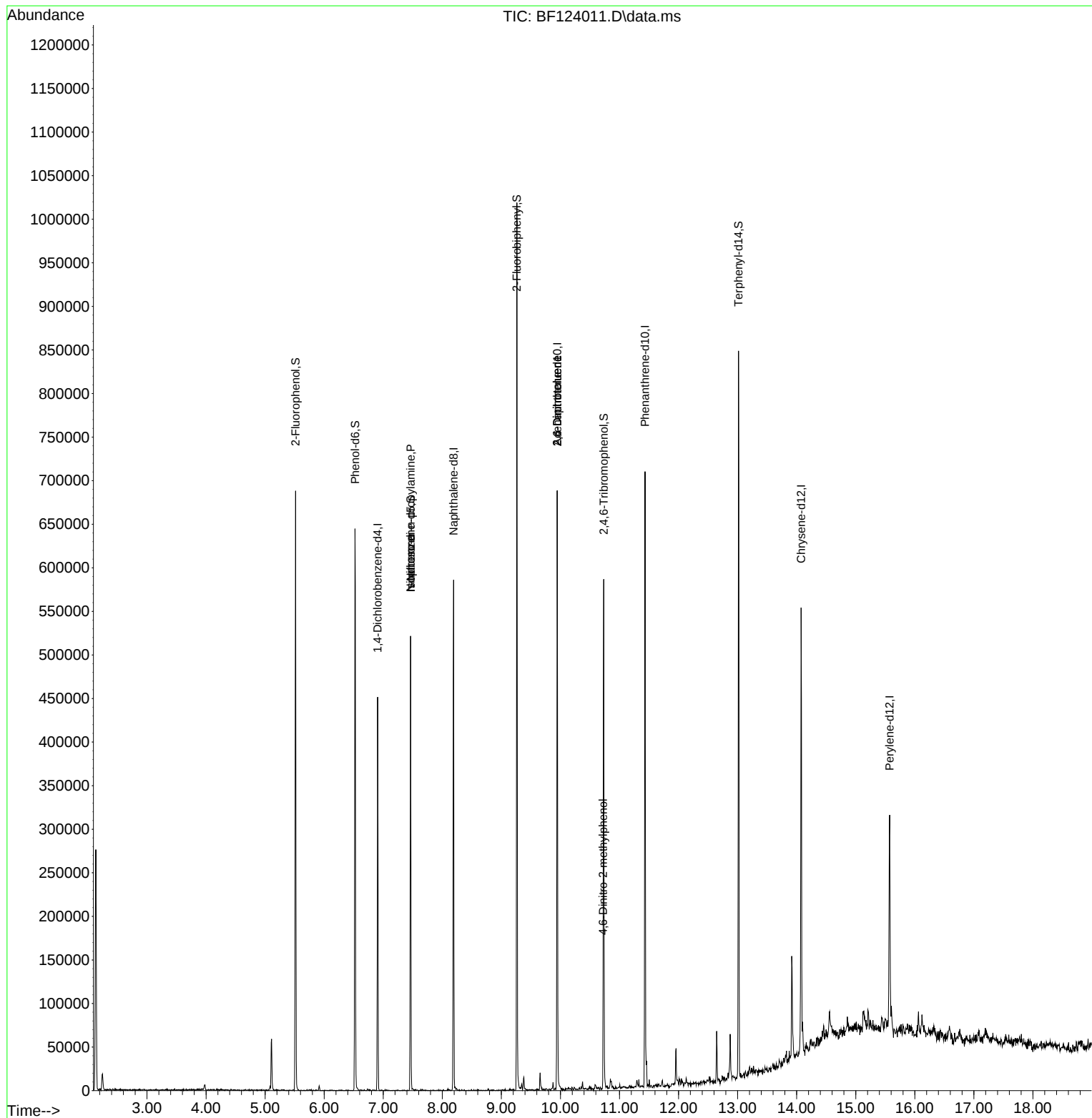
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	50699	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	214550	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	125937	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	212182	20.00	ng	0.00
76) Chrysene-d12	14.074	240	152819	20.00	ng	0.00
86) Perylene-d12	15.574	264	100908	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	132383	36.66	ng	0.00
7) Phenol-d6	6.522	99	170293	36.35	ng	0.00
23) Nitrobenzene-d5	7.463	82	127667	25.64	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	56047	37.05	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	240521	23.50	ng	0.00
79) Terphenyl-d14	13.015	244	237014	23.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	18909	5.97	ng	Qvalue # 77
25) Isophorone	7.463	82	127665	13.33	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	15556	7.65	ng	# 13
57) 2,4-Dinitrotoluene	9.945	165	15556	6.24	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.721	198	145	5.53	ng	# 1

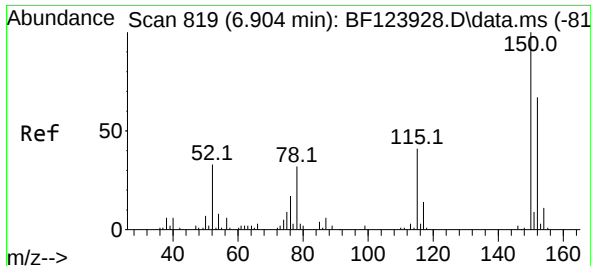
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

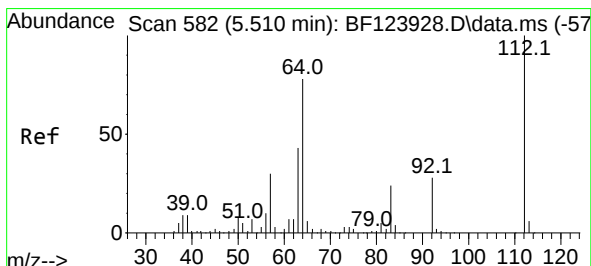
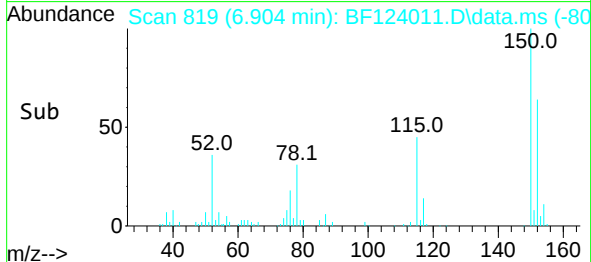
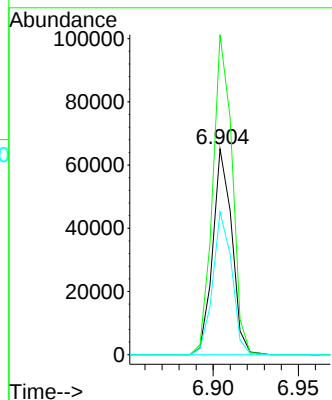
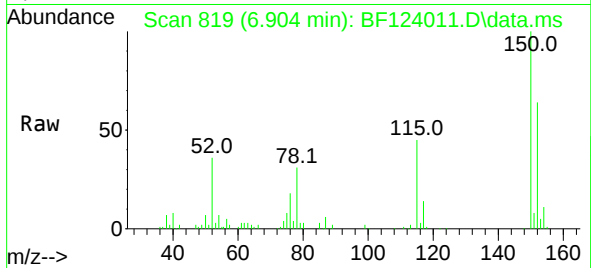




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

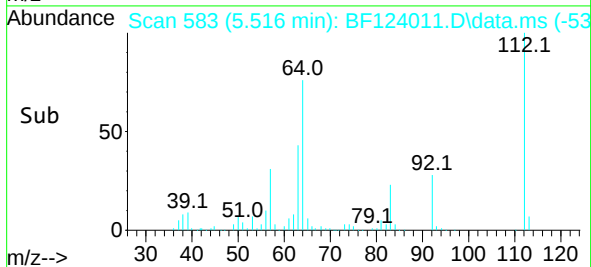
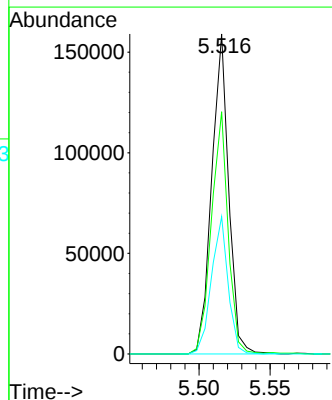
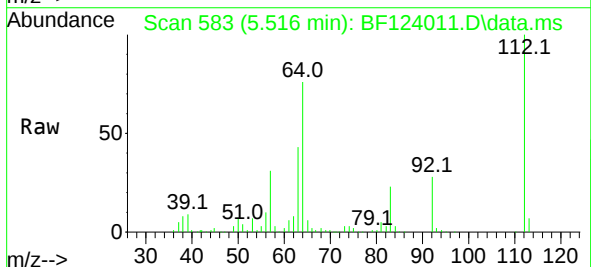
Instrument :
BNA_F
ClientSampleId :
WATER-MAIN-BREAK-SOIL

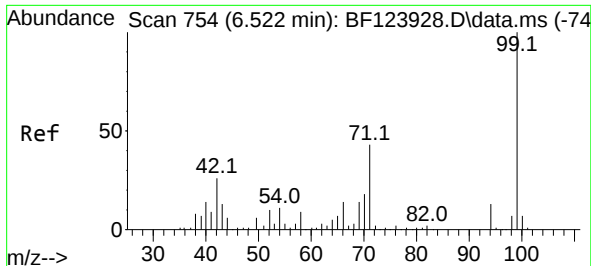
Tgt Ion:152 Resp: 50699
Ion Ratio Lower Upper
152 100
150 155.6 127.0 190.6
115 69.4 54.3 81.5



#5
2-Fluorophenol
Concen: 36.66 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:112 Resp: 132383
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 42.9 33.0 49.4

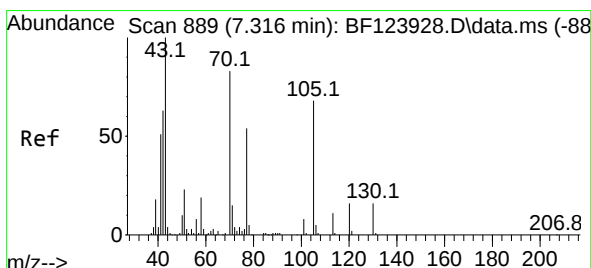
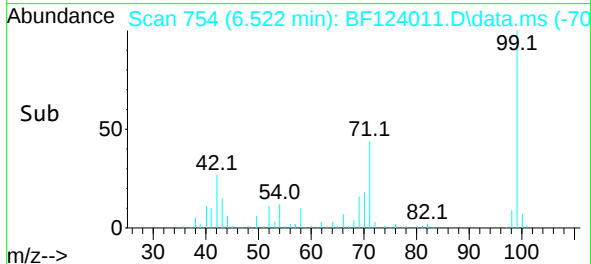
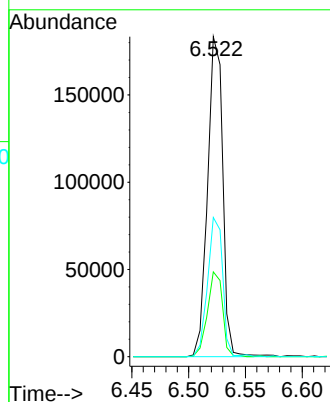
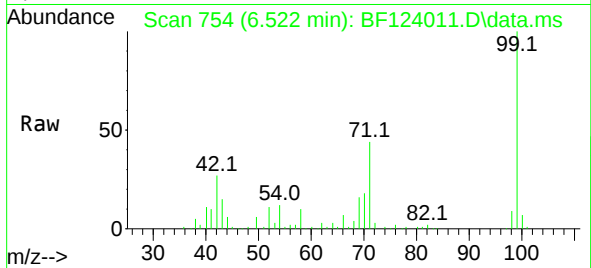




#7
Phenol-d6
Concen: 36.35 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

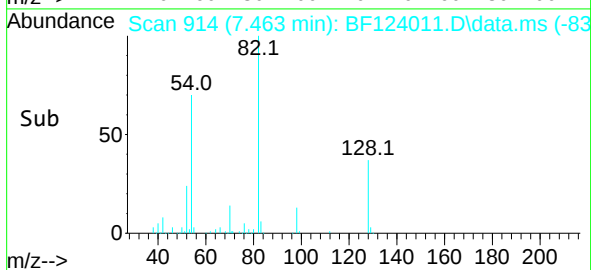
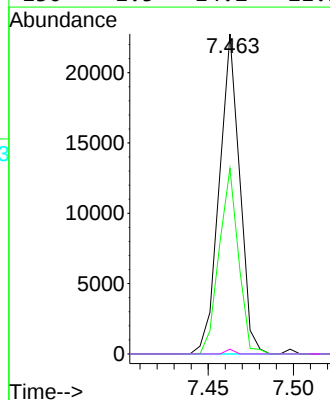
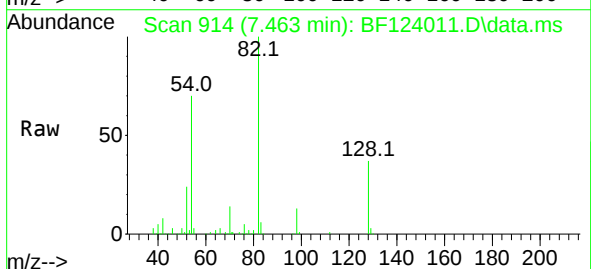
Instrument :
BNA_F
ClientSampleId :
WATER-MAIN-BREAK-SOIL

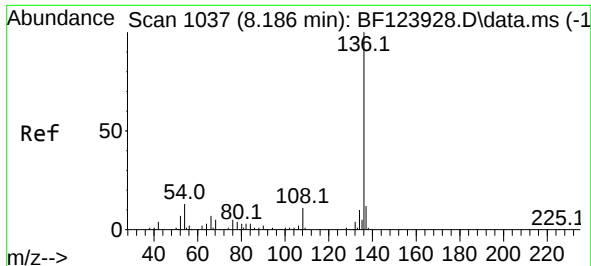
Tgt Ion: 99 Resp: 170293
Ion Ratio Lower Upper
99 100
42 26.5 19.8 29.8
71 43.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.97 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion: 70 Resp: 18909
Ion Ratio Lower Upper
70 100
42 58.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



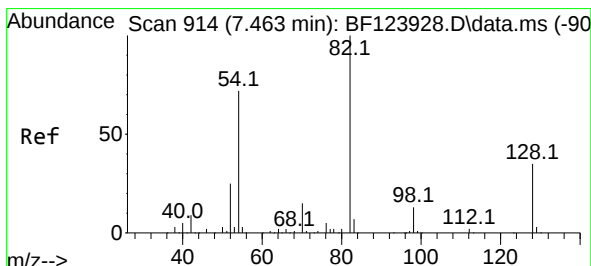
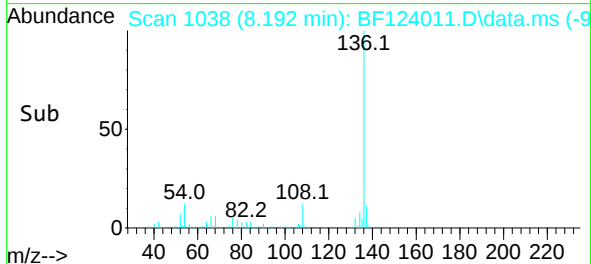
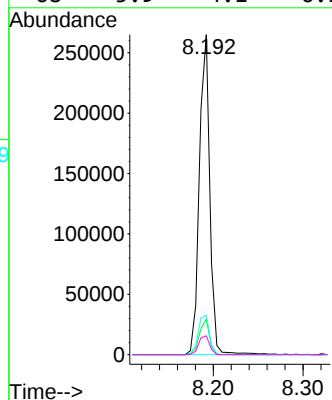
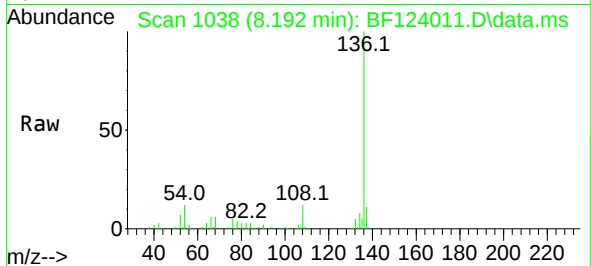


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Instrument :
BNA_F
ClientSampleId :
WATER-MAIN-BREAK-SOIL

Tgt Ion:136 Resp: 214550

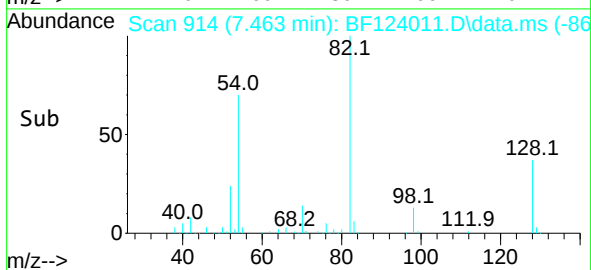
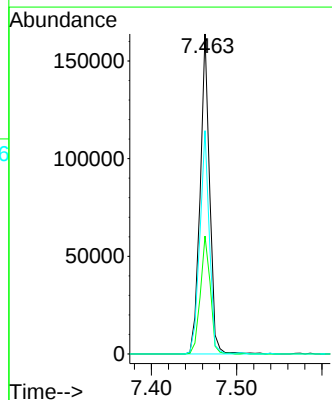
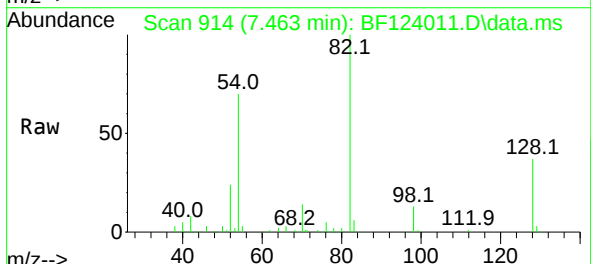
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.4	9.8	14.6
68	5.9	4.1	6.1

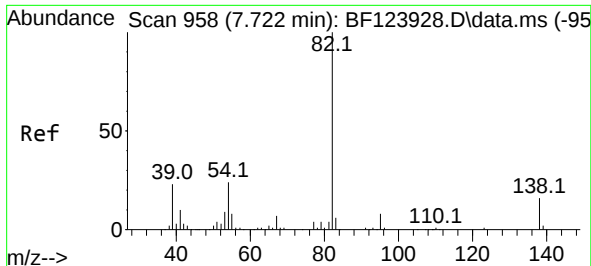


#23
Nitrobenzene-d5
Concen: 25.64 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion: 82 Resp: 127667

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	69.8	54.1	81.1

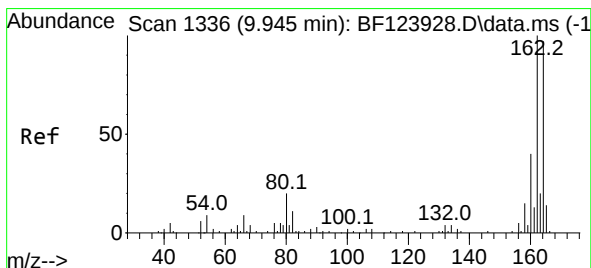
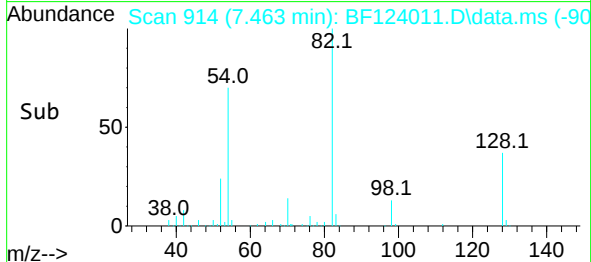
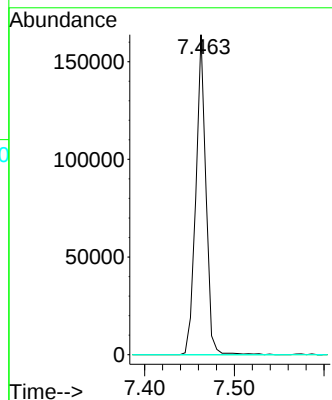
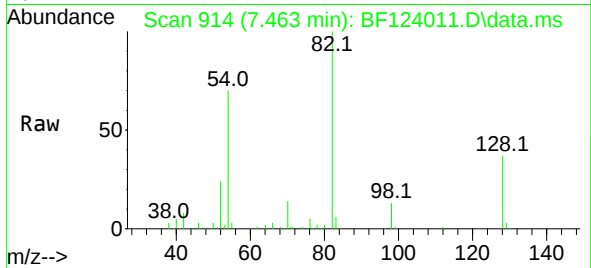




#25
Isophorone
Concen: 13.33 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

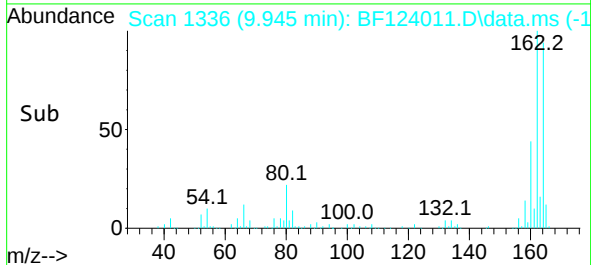
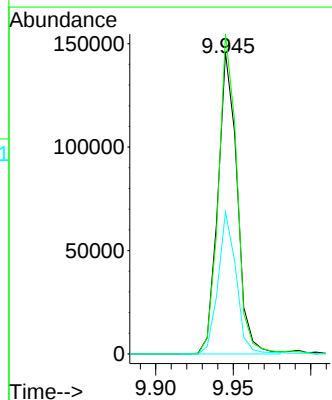
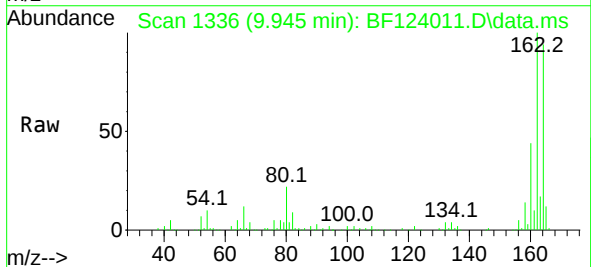
Instrument :
BNA_F
ClientSampleId :
WATER-MAIN-BREAK-SOIL

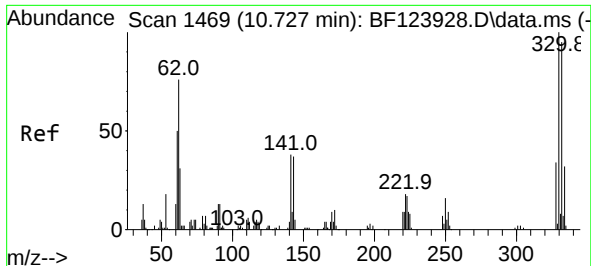
Tgt Ion: 82 Resp: 127665
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

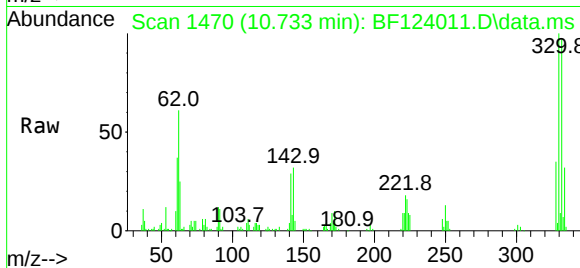
Tgt Ion: 164 Resp: 125937
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 47.2 37.3 55.9



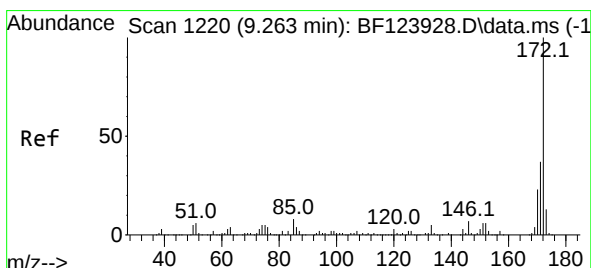
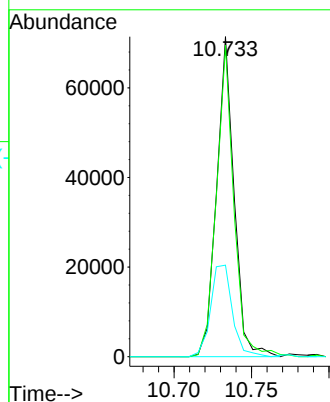
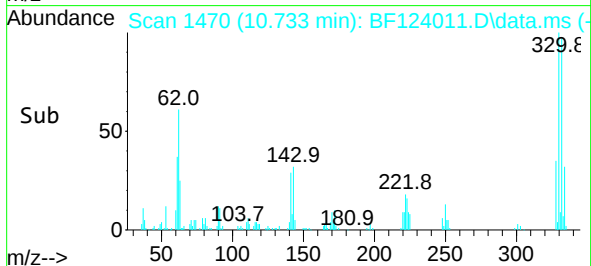


#42
2,4,6-Tribromophenol
Concen: 37.05 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

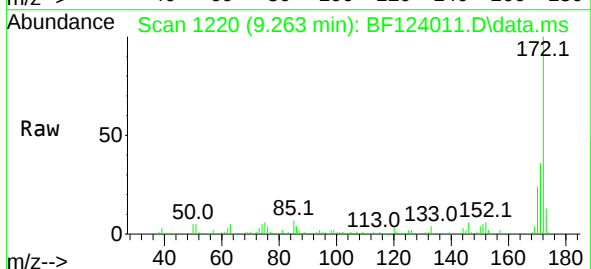
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BNA_F
ClientSampleId :
WATER-MAIN-BREAK-SOIL



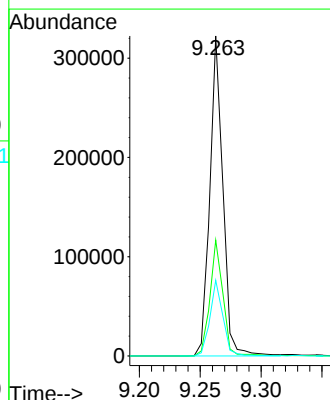
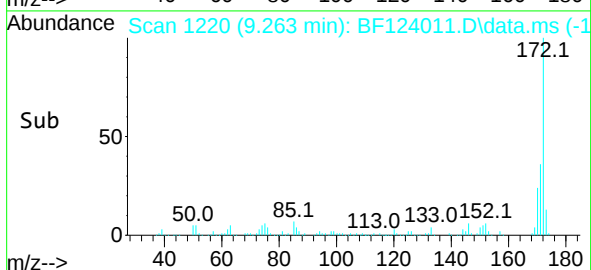
Tgt Ion:330 Resp: 56047
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 35.6 27.9 41.9

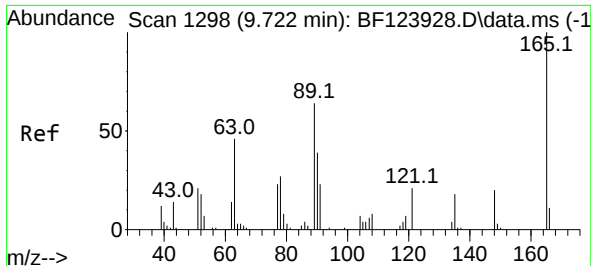


#45
2-Fluorobiphenyl
Concen: 23.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12



Tgt Ion:172 Resp: 240521
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.6 19.2 28.8

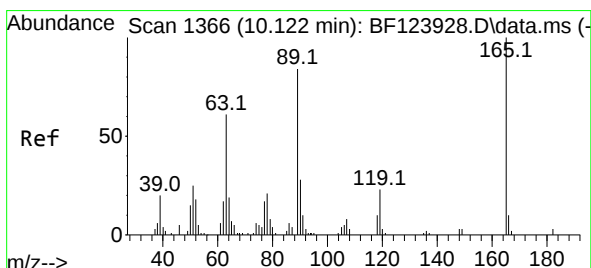
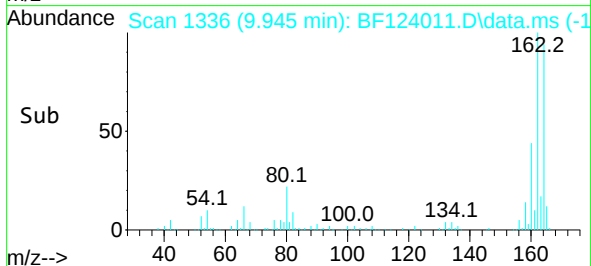
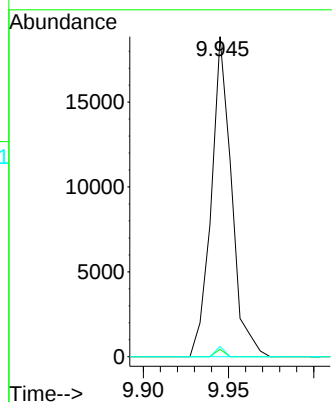
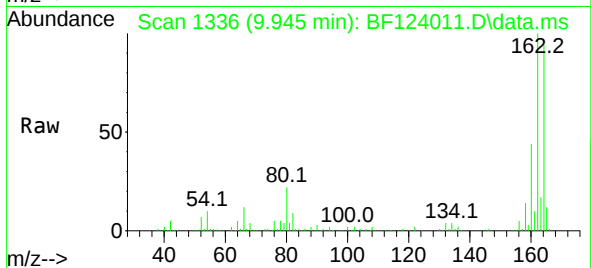




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.223 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

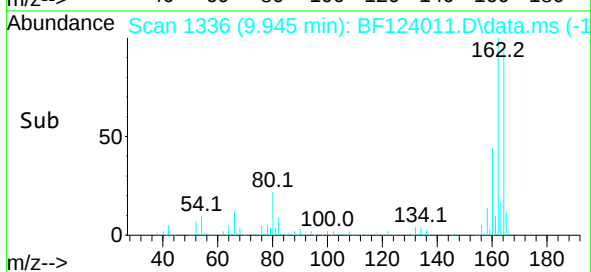
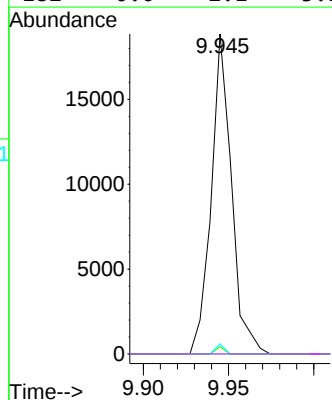
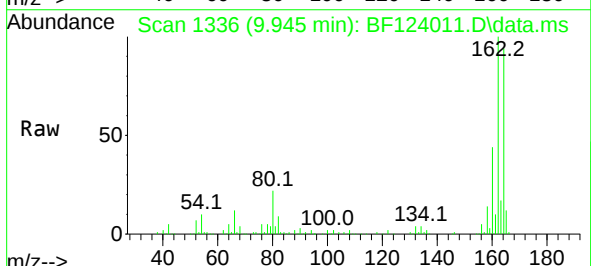
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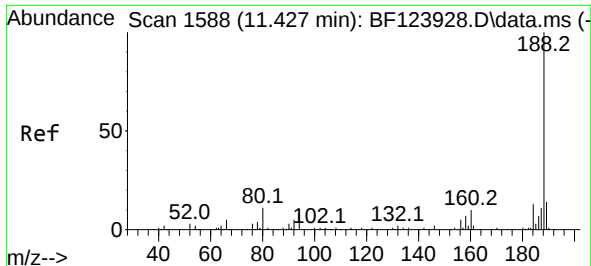
Tgt Ion:165 Resp: 15556
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 3.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.177 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:165 Resp: 15556
Ion Ratio Lower Upper
165 100
63 2.3 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

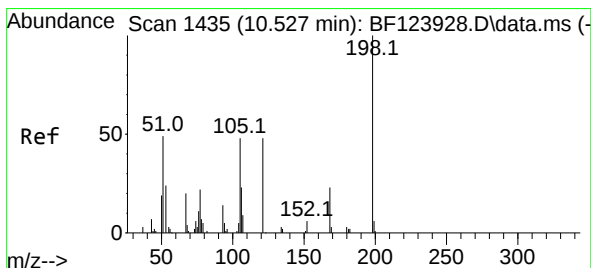
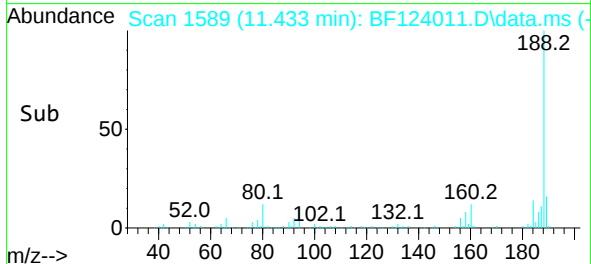
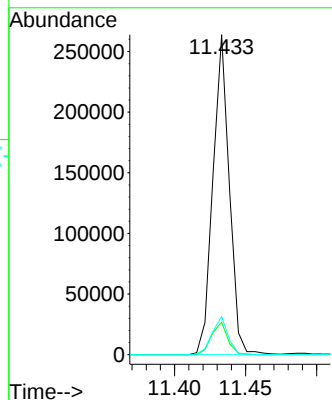
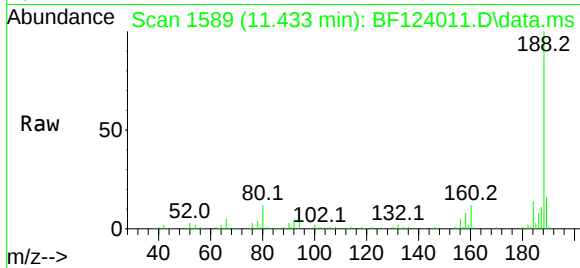




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

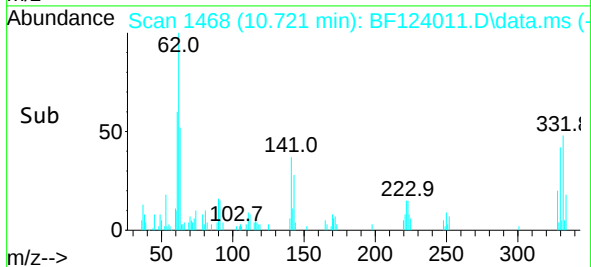
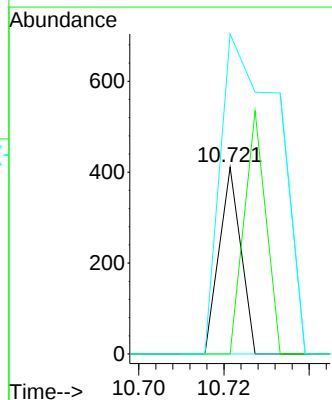
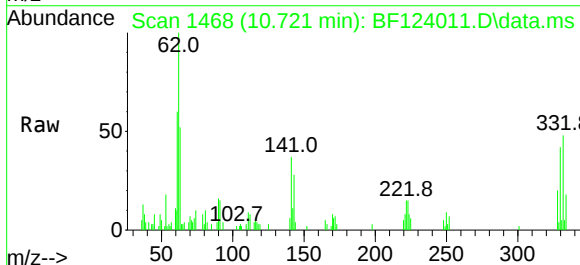
Instrument :
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WATER-MAIN-BREAK-SOIL

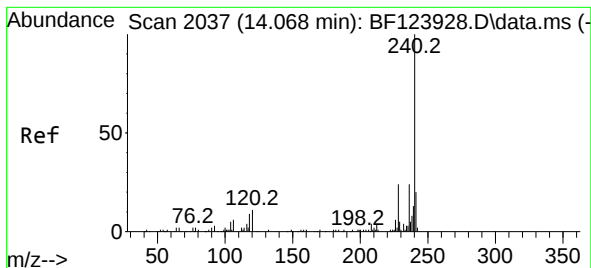
Tgt Ion:188 Resp: 212182
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 11.9 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.53 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.194 min
Lab File: BF124011.D
Acq: 20 May 2021 16:12

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 0.0 64.8 104.8#
105 171.3 42.6 82.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF124011.D

Acq: 20 May 2021 16:12

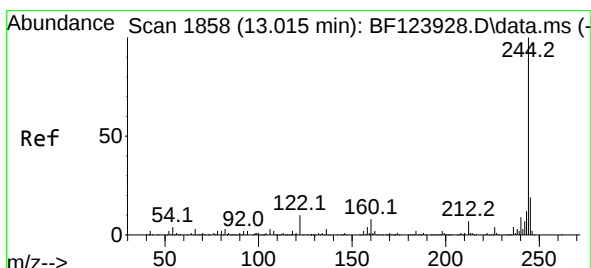
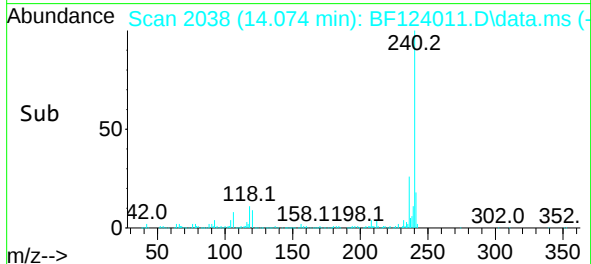
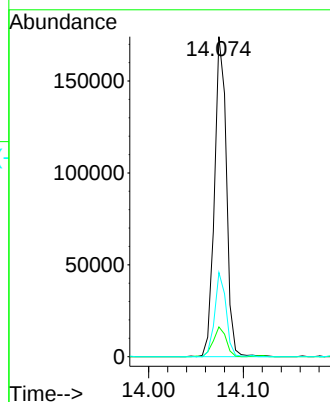
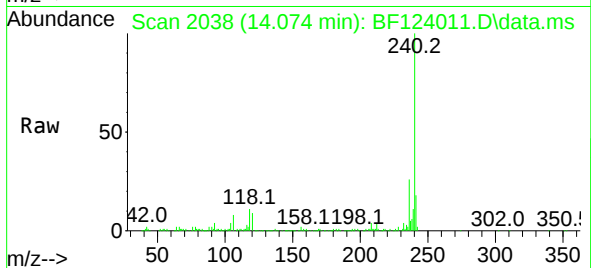
Tgt Ion:240 Resp: 152819

Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.3 19.0 28.4



#79

Terphenyl-d14

Concen: 23.49 ng

RT: 13.015 min Scan# 1858

Delta R.T. -0.000 min

Lab File: BF124011.D

Acq: 20 May 2021 16:12

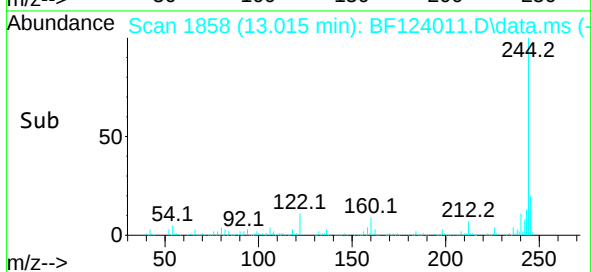
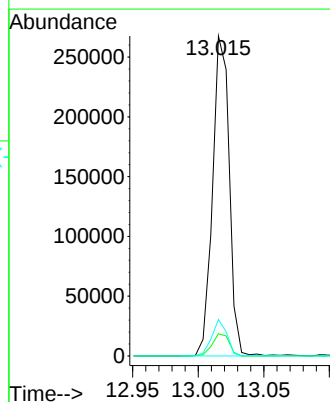
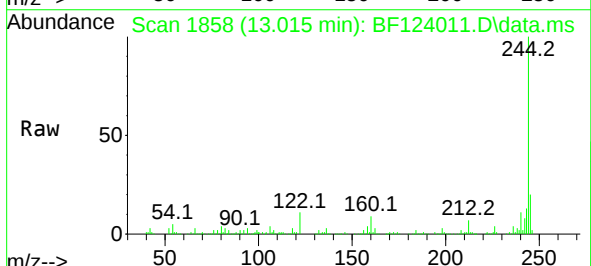
Tgt Ion:244 Resp: 237014

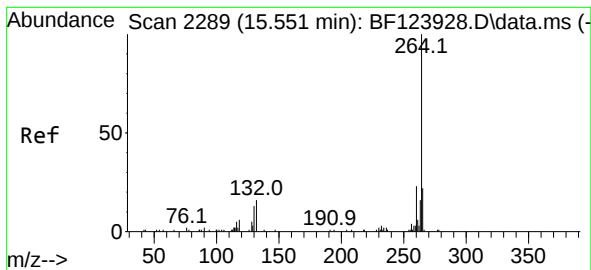
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.4 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.023 min
 Lab File: BF124011.D
 Acq: 20 May 2021 16:12

Instrument :
 BNA_F
 ClientSampleId :
 WATER-MAIN-BREAK-SOIL

Tgt Ion:264 Resp: 100908
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 19.3 17.8 26.8

