

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126315.D
 Acq On : 22 Dec 2021 00:56
 Operator : JU/CG
 Sample : M5179-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-1

Quant Time: Dec 22 05:24:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180125	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	817795	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	398513	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	661798	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	460224	20.000	ng	0.00
86) Perylene-d12	15.421	264	343335	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1197810	97.929	ng	0.01
7) Phenol-d6	6.445	99	1517811	97.730	ng	0.00
23) Nitrobenzene-d5	7.375	82	1012013	67.021	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	343360	107.212	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1435921	63.196	ng	0.00
79) Terphenyl-d14	12.927	244	1346842	50.866	ng	0.00

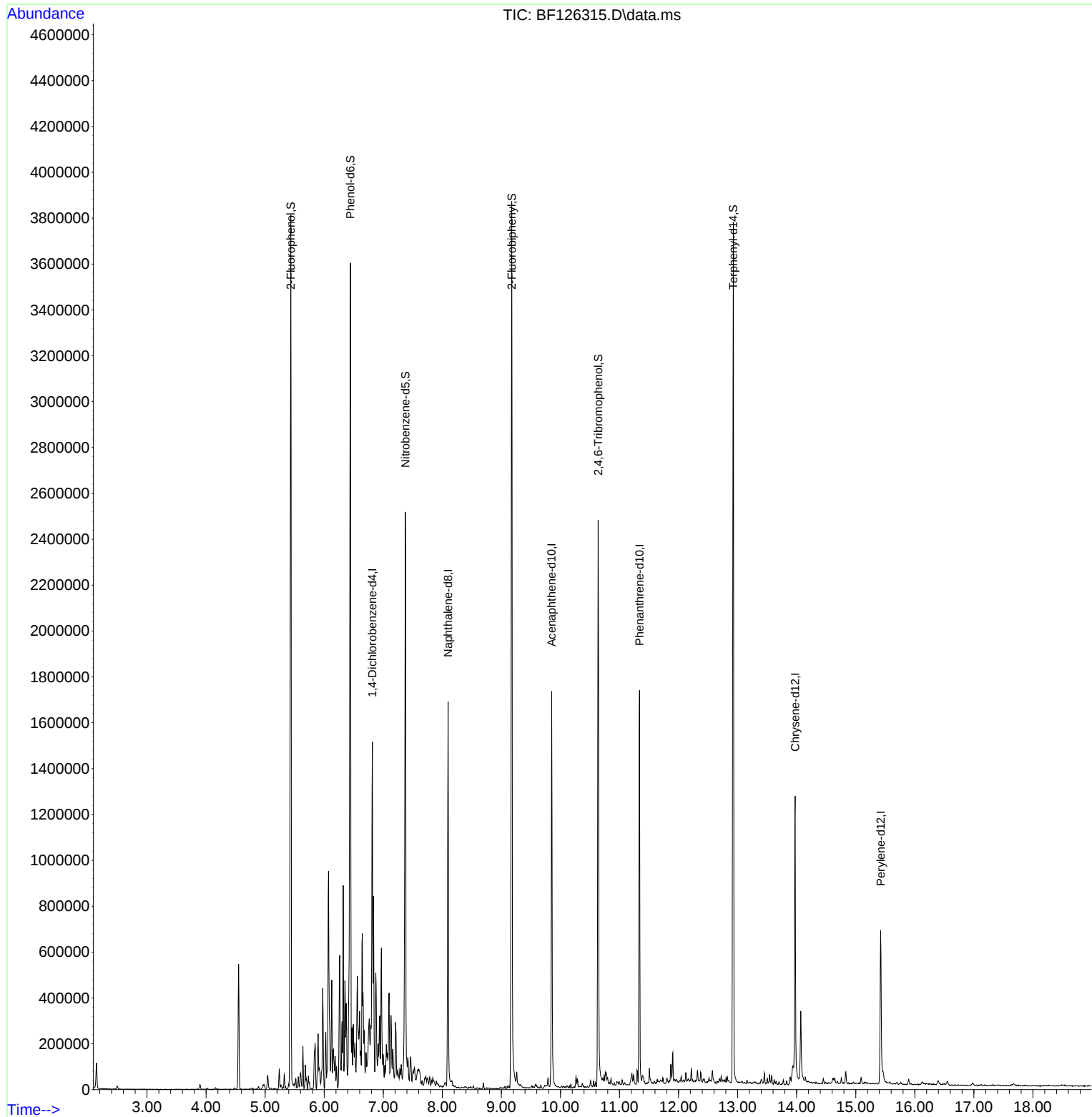
Target Compounds	Qvalue

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

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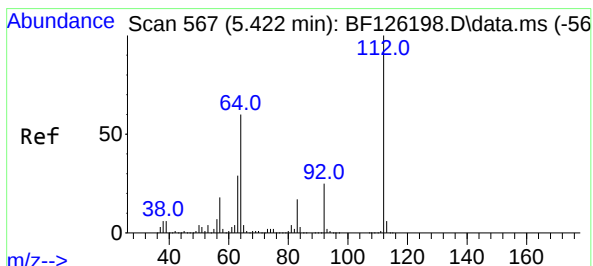
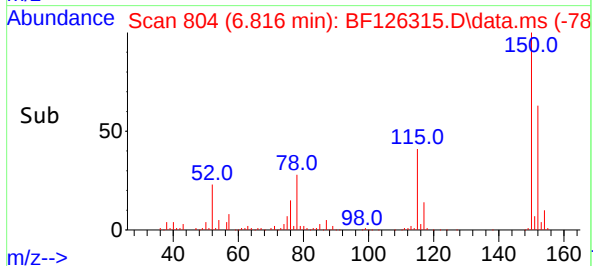
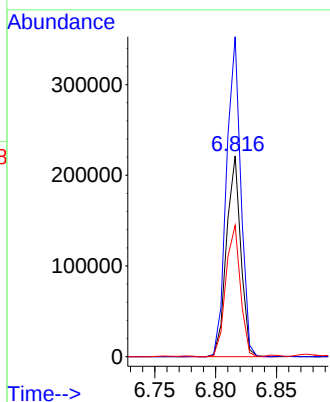
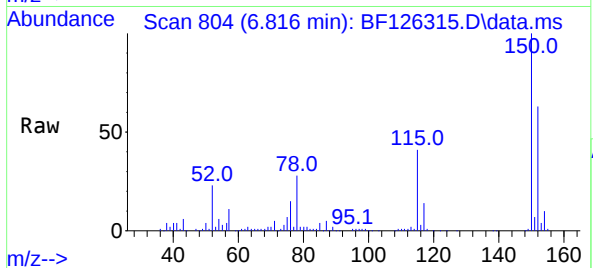




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

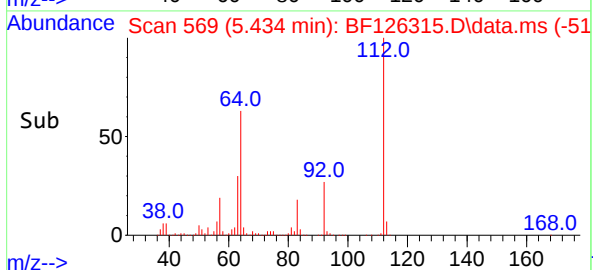
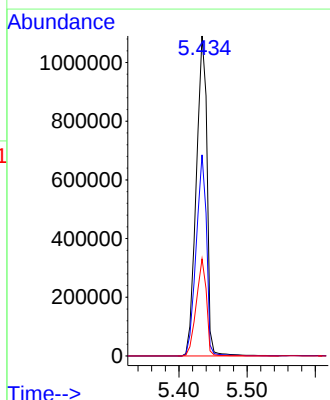
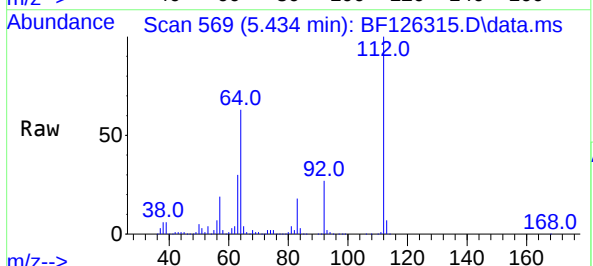
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

Tgt Ion:152 Resp: 180125
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 65.5 47.1 70.7

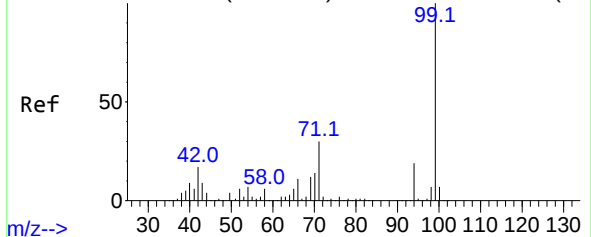


#5
2-Fluorophenol
Concen: 97.929 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion:112 Resp: 1197810
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 30.3 26.2 39.2

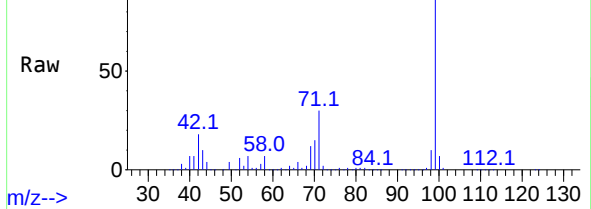


Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



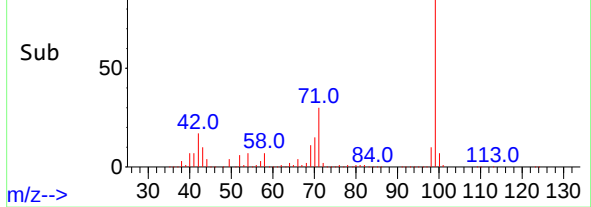
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Abundance Scan 741 (6.445 min): BF126315.D\data.ms



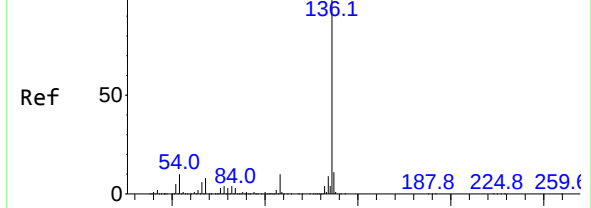
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Abundance Scan 741 (6.445 min): BF126315.D\data.ms (-69



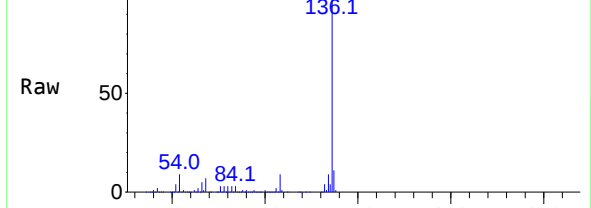
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Abundance Scan 1022 (8.098 min): BF126198.D\data.ms (-1



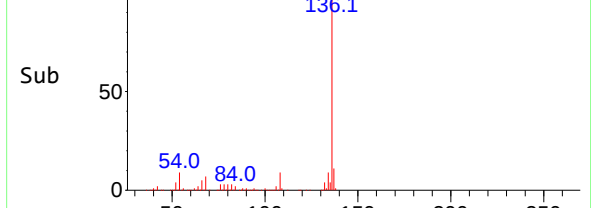
m/z-->

Abundance Scan 1022 (8.098 min): BF126315.D\data.ms



m/z-->

Abundance Scan 1022 (8.098 min): BF126315.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 97.730 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF126315.D

Acq: 22 Dec 2021 00:56

Instrument :

BNA_F

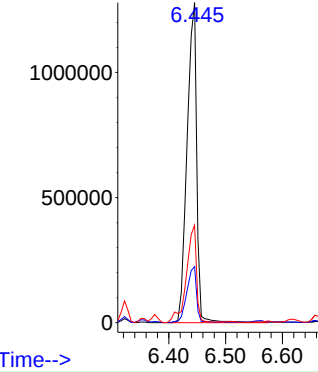
ClientSampleId :

POST-EXCAVATION-BOTTOM-1

Tgt Ion: 99 Resp: 1517811

Ion	Ratio	Lower	Upper
99	100		
42	17.5	23.5	35.3#
71	30.5	25.6	38.4

Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

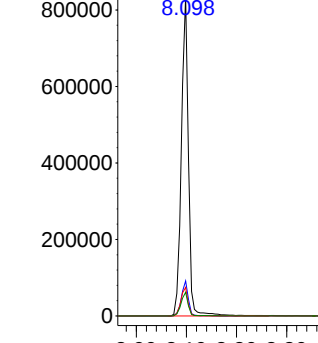
Lab File: BF126315.D

Acq: 22 Dec 2021 00:56

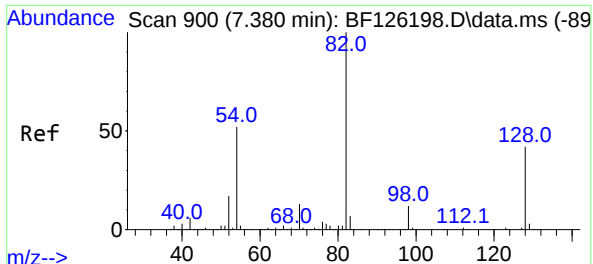
Tgt Ion:136 Resp: 817795

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	8.9	6.4	9.6
68	7.4	3.3	4.9#

Abundance



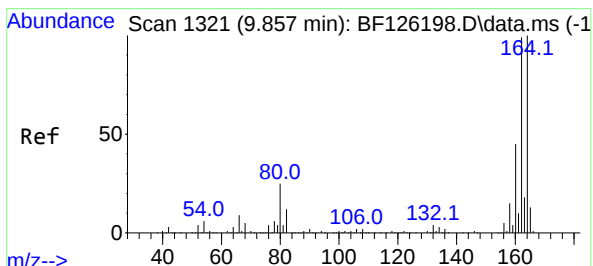
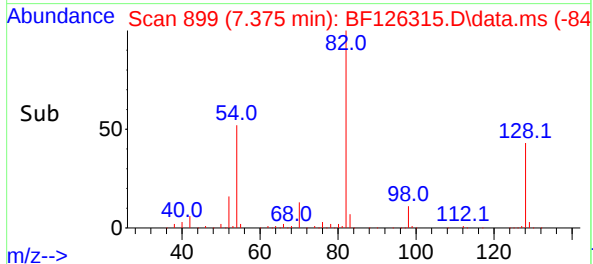
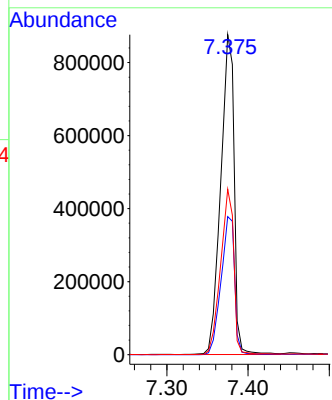
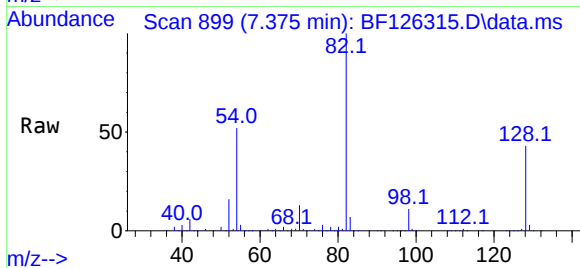
Time-->



#23
Nitrobenzene-d5
Concen: 67.021 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

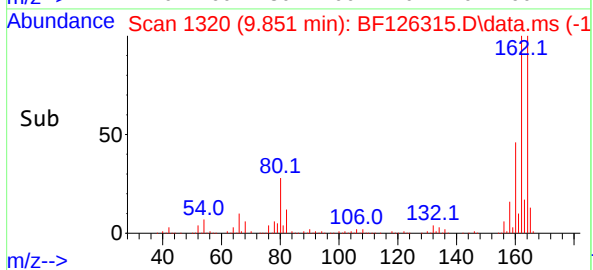
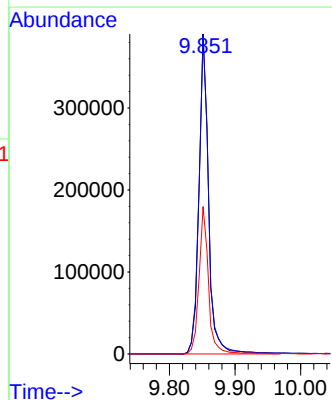
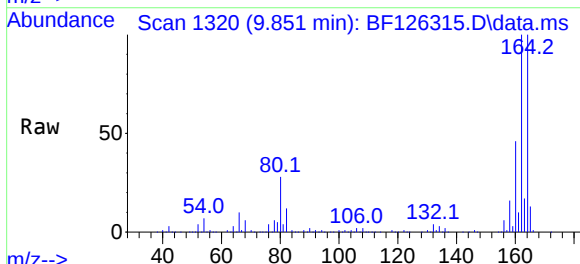
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

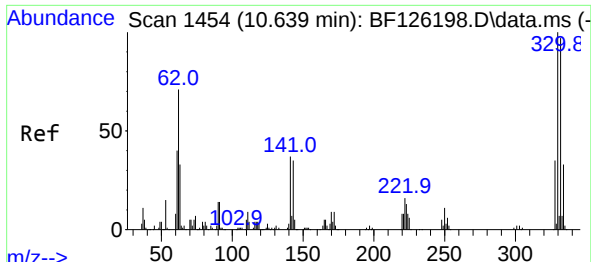
Tgt Ion: 82 Resp: 1012013
Ion Ratio Lower Upper
82 100
128 43.1 40.6 60.8
54 51.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion:164 Resp: 398513
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 46.1 38.0 57.0

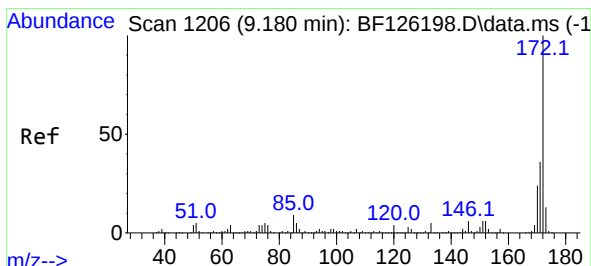
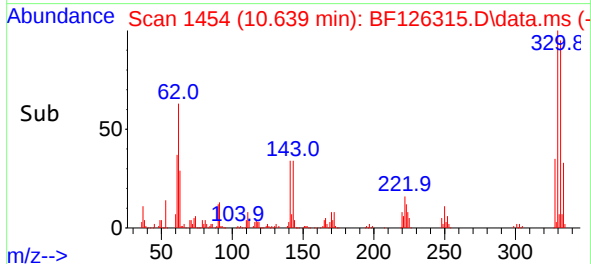
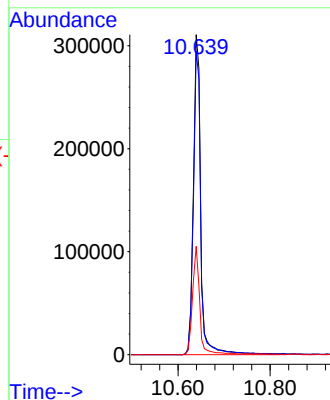
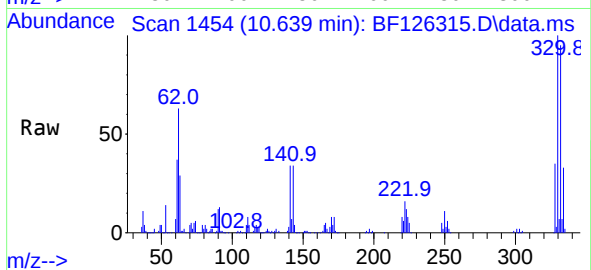




#42
2,4,6-Tribromophenol
Concen: 107.212 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

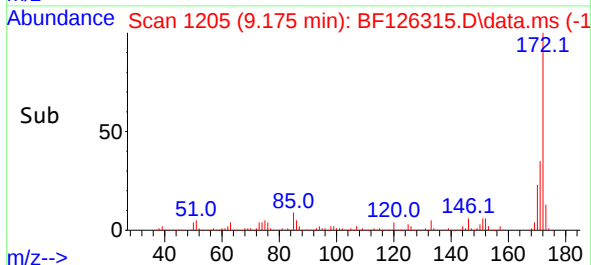
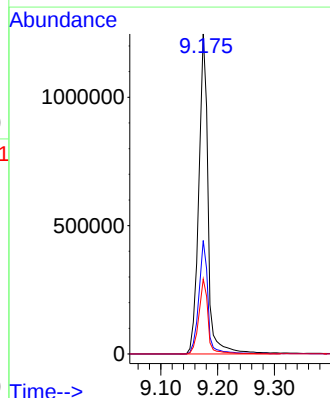
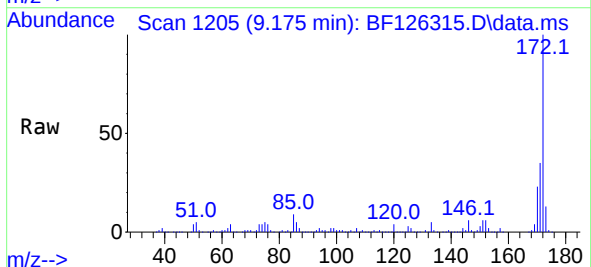
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-1

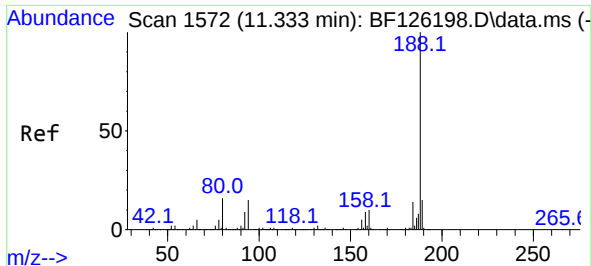
Tgt Ion: 330 Resp: 343360
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 33.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.196 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion: 172 Resp: 1435921
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.4 18.8 28.2

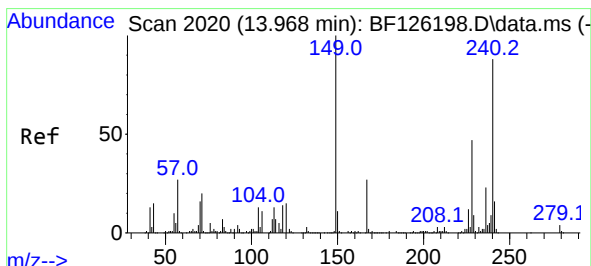
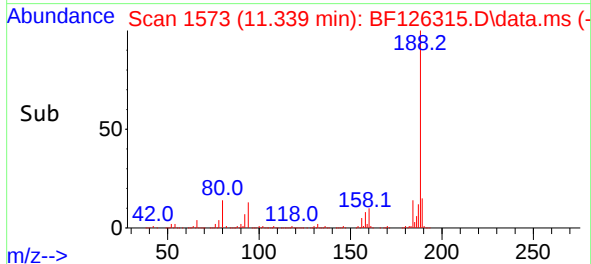
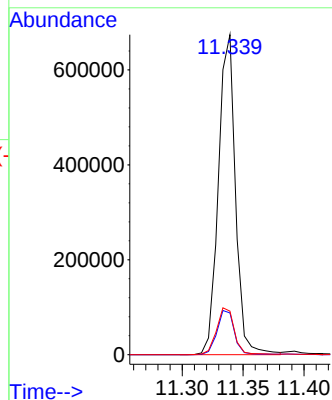
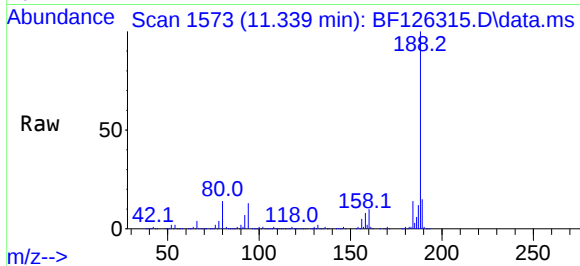




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

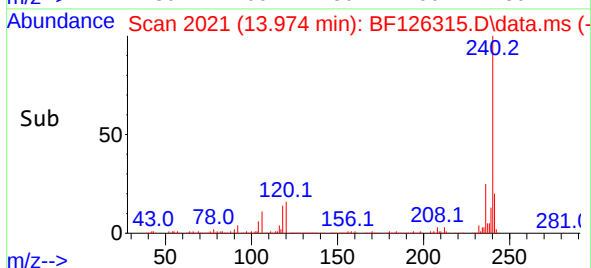
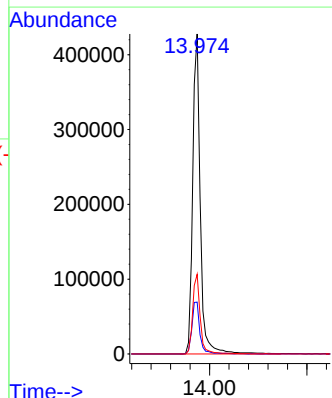
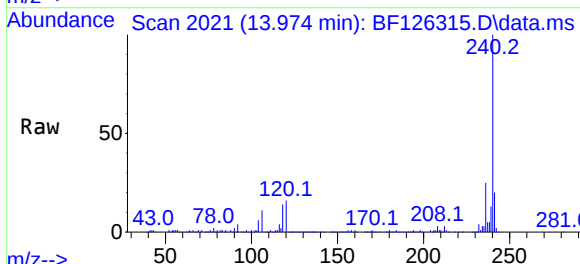
Instrument :
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ClientSampleId :
POST-EXCAVATION-BOTTOM-1

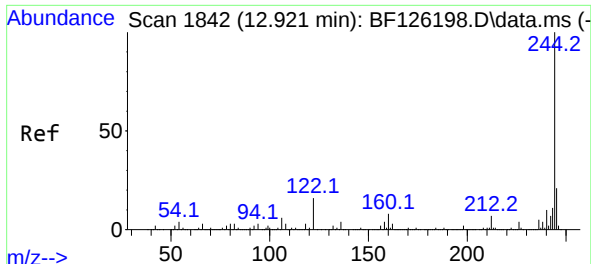
Tgt Ion:188 Resp: 661798
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 13.6 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion:240 Resp: 460224
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2
236 24.9 21.6 32.4

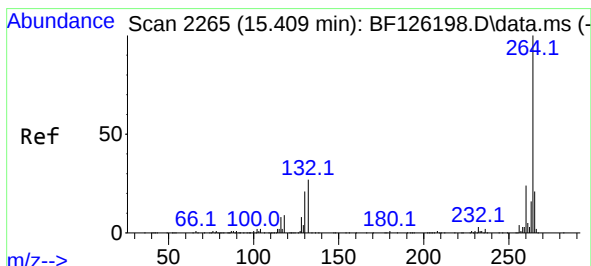
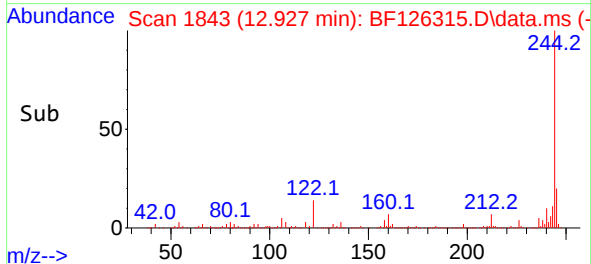
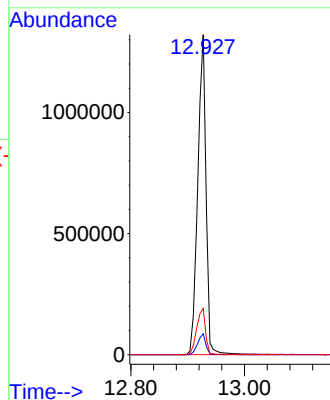
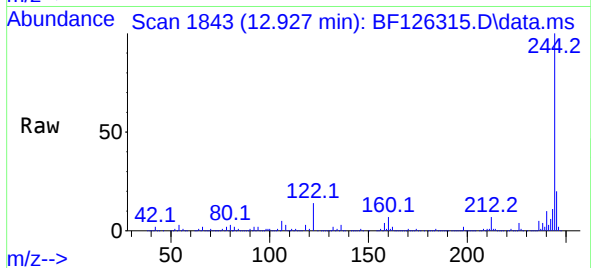




#79
 Terphenyl-d14
 Concen: 50.866 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126315.D
 Acq: 22 Dec 2021 00:56

Instrument :
 BNA_F
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-1

Tgt Ion:244 Resp: 1346842
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 14.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126315.D
 Acq: 22 Dec 2021 00:56

Tgt Ion:264 Resp: 343335
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.1 17.2 25.8

