

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126314.D
 Acq On : 22 Dec 2021 00:25
 Operator : JU/CG
 Sample : M5179-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 22 05:23:59 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)

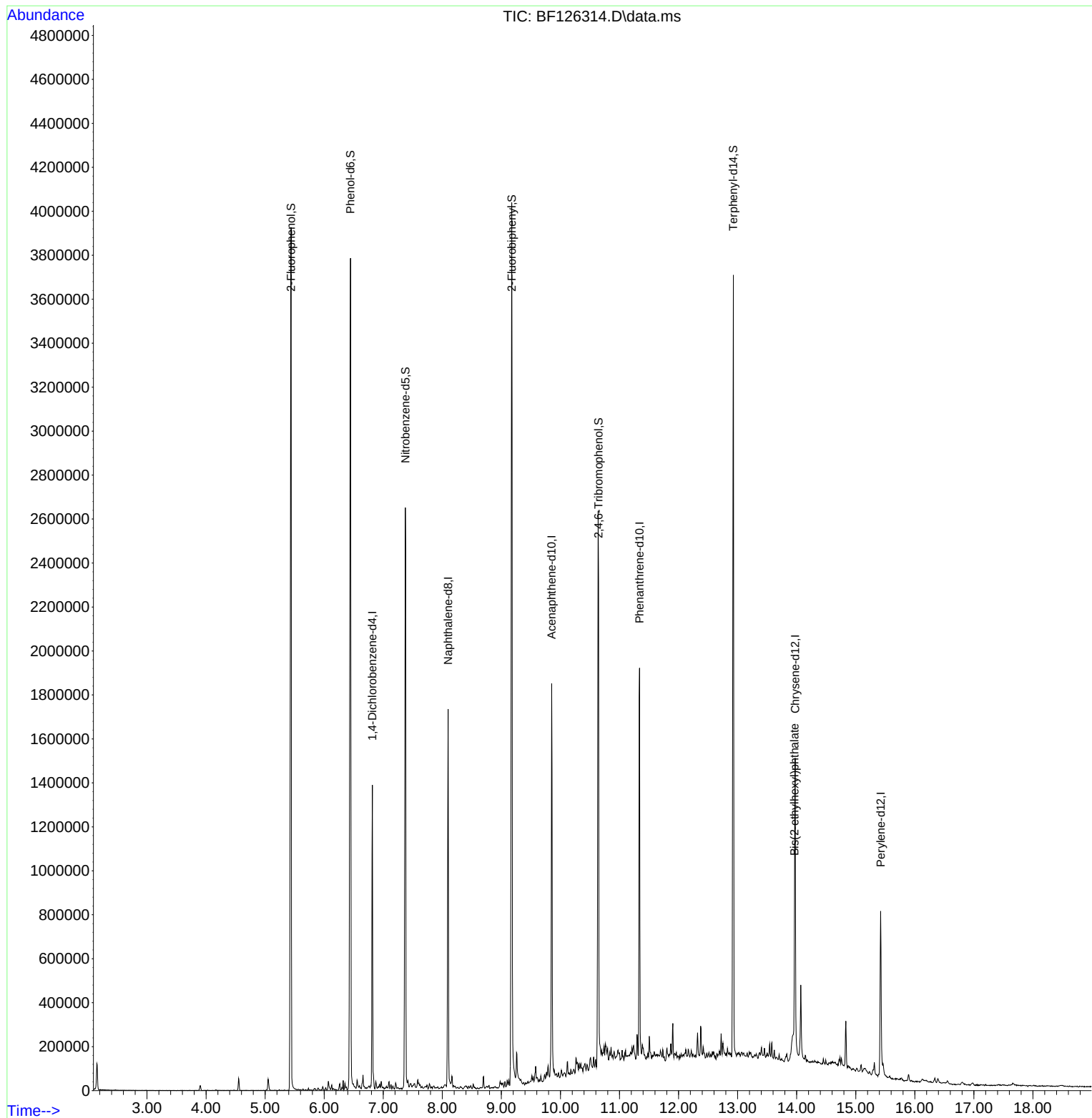
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	191069	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	850027	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	420042	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	672825	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	459847	20.000	ng	0.00
86) Perylene-d12	15.421	264	362031	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1299908	100.189	ng	0.02
7) Phenol-d6	6.445	99	1690029	102.586	ng	0.00
23) Nitrobenzene-d5	7.375	82	1131464	72.091	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	368937	109.294	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1543835	64.463	ng	0.00
79) Terphenyl-d14	12.927	244	1271677	48.067	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	13.963	149	85536	3.850	ng	# 97

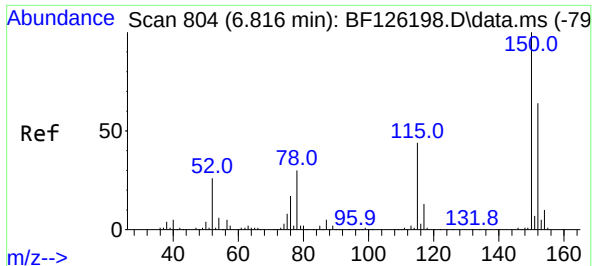
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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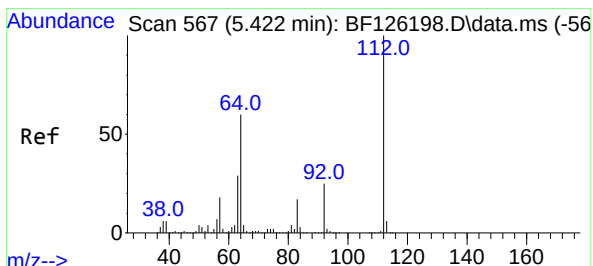
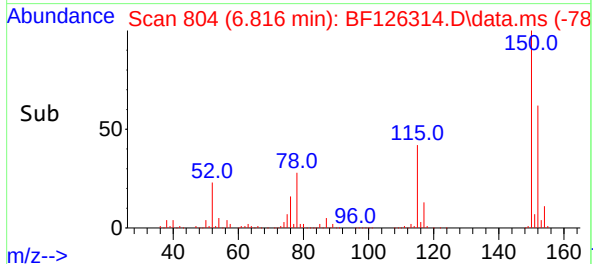
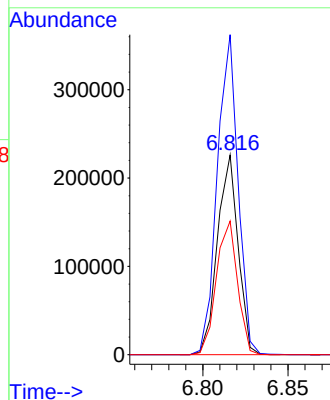
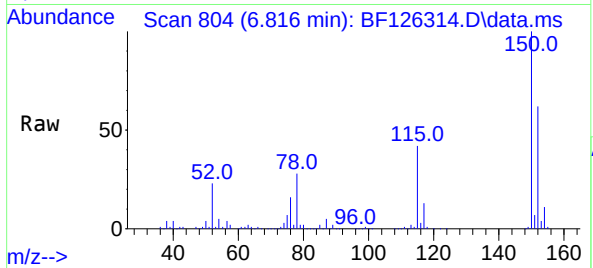




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

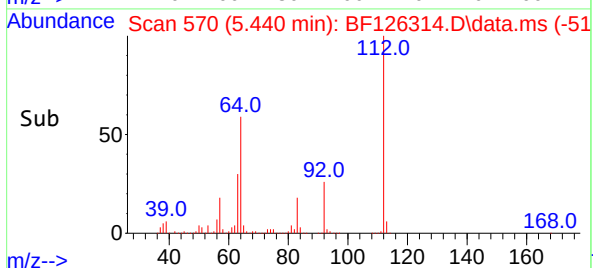
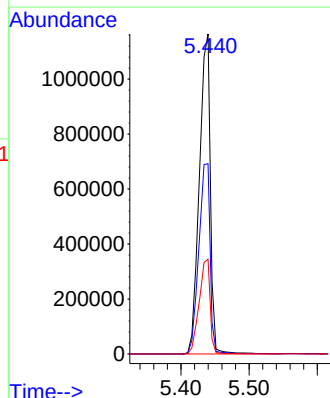
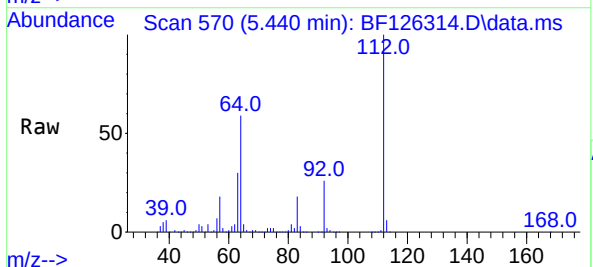
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-WEST

Tgt Ion:152 Resp: 191069
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 66.9 47.1 70.7

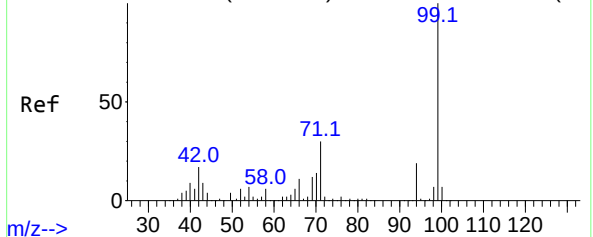


#5
2-Fluorophenol
Concen: 100.189 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

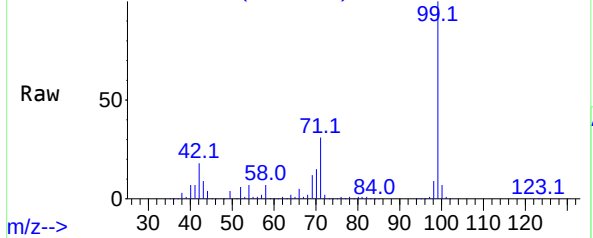
Tgt Ion:112 Resp: 1299908
Ion Ratio Lower Upper
112 100
64 59.5 44.2 66.2
63 29.6 26.2 39.2



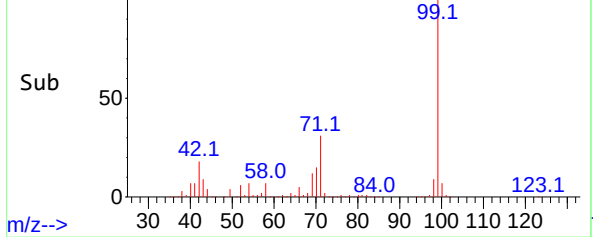
Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



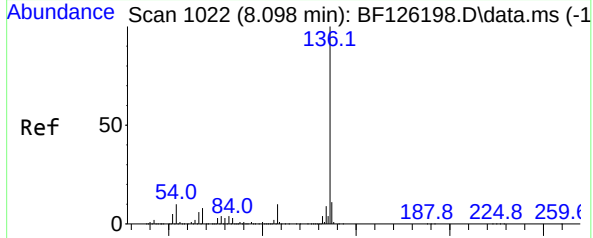
m/z--> Scan 741 (6.445 min): BF126314.D\data.ms



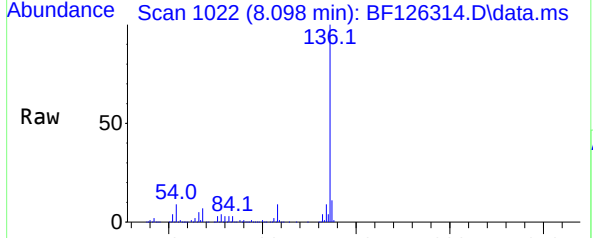
Abundance Scan 741 (6.445 min): BF126314.D\data.ms (-69



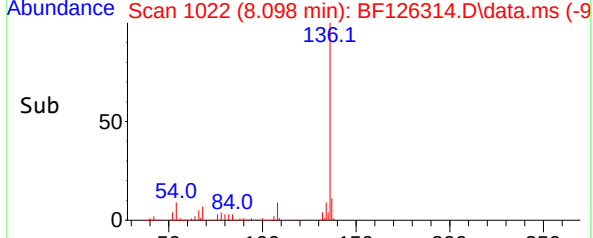
m/z--> Scan 1022 (8.098 min): BF126198.D\data.ms (-1



m/z--> Scan 1022 (8.098 min): BF126314.D\data.ms



Abundance Scan 1022 (8.098 min): BF126314.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 102.586 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

Instrument :

BNA_F

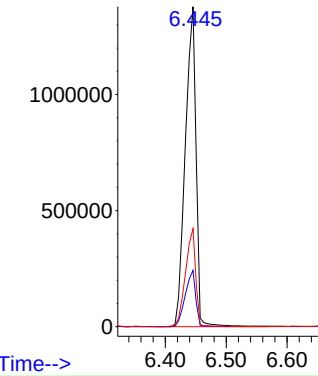
ClientSampleId :

POST-EXCAVATION-BOTTOM-WEST

Tgt Ion: 99 Resp: 1690029

Ion	Ratio	Lower	Upper
99	100		
42	17.6	23.5	35.3#
71	30.6	25.6	38.4

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

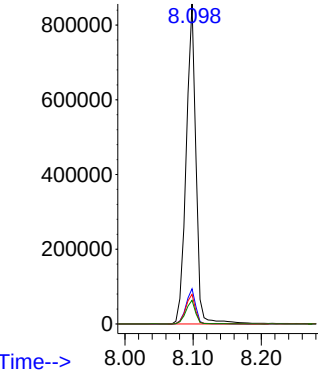
Lab File: BF126314.D

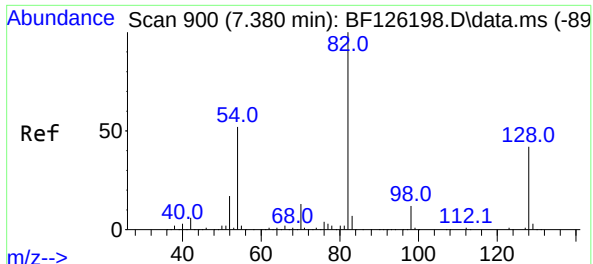
Acq: 22 Dec 2021 00:25

Tgt Ion:136 Resp: 850027

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.3	6.4	9.6
68	7.4	3.3	4.9#

Abundance





#23

Nitrobenzene-d5

Concen: 72.091 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

Instrument :

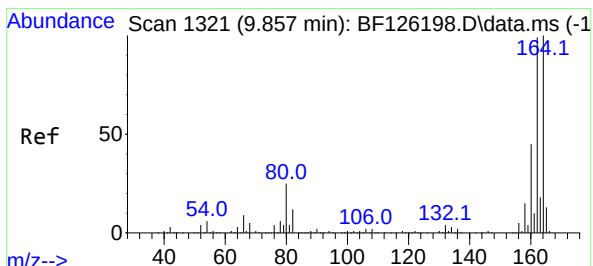
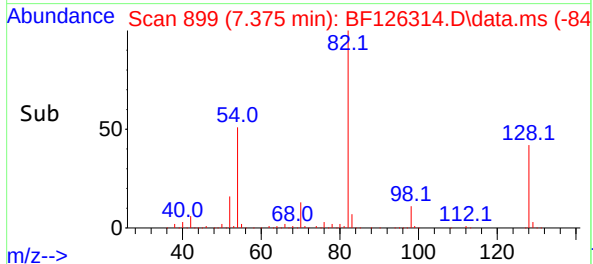
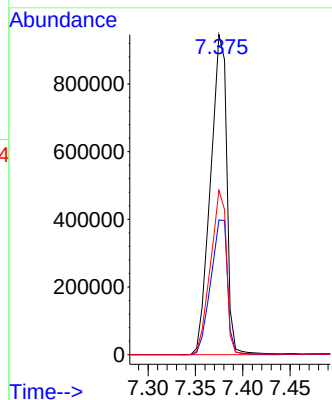
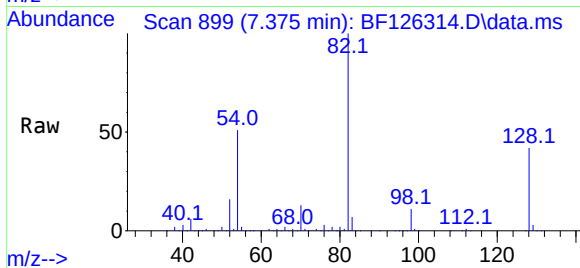
BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-WEST

Tgt Ion: 82 Resp: 1131464

Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	60.8
54	51.3	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

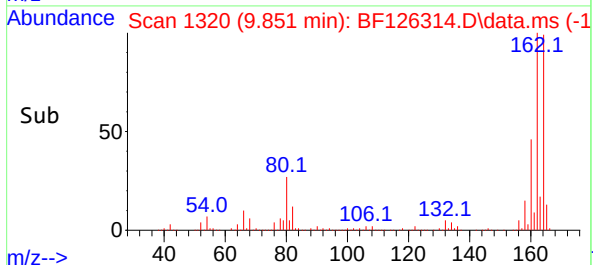
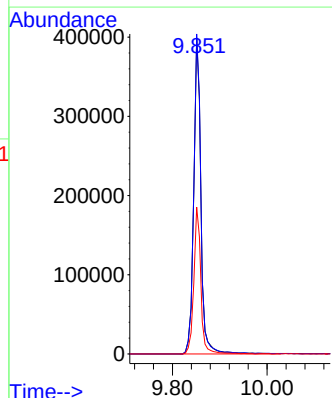
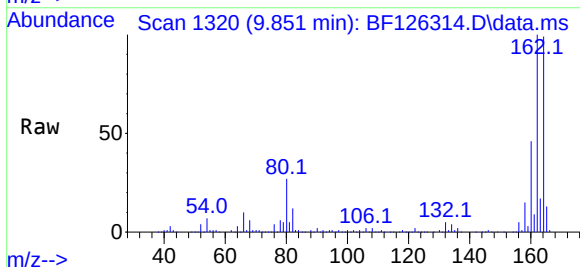
Delta R.T. -0.006 min

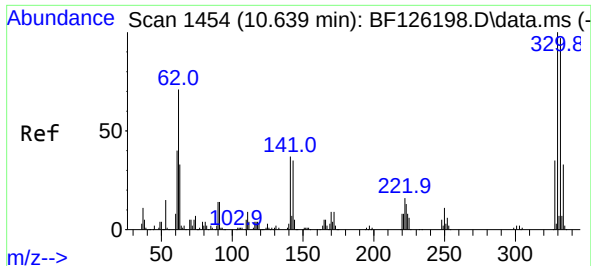
Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

Tgt Ion:164 Resp: 420042

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	46.5	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 109.294 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF126314.D

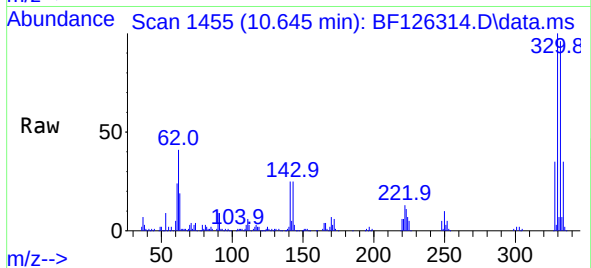
Acq: 22 Dec 2021 00:25

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-WEST



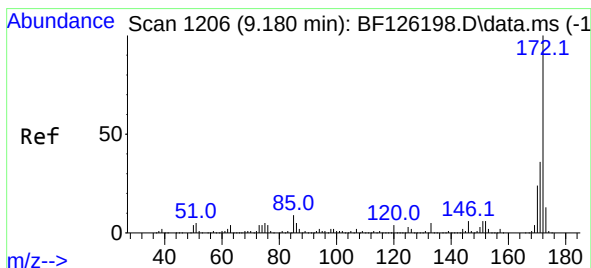
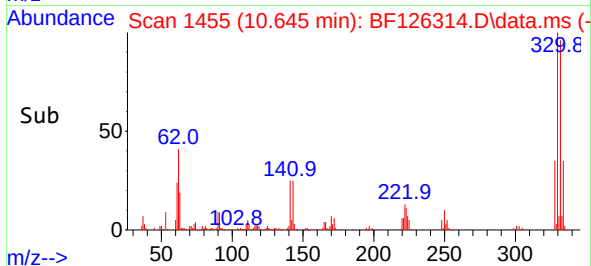
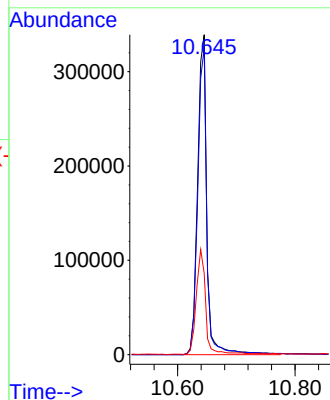
Tgt Ion:330 Resp: 368937

Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.4

141 33.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 64.463 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126314.D

Acq: 22 Dec 2021 00:25

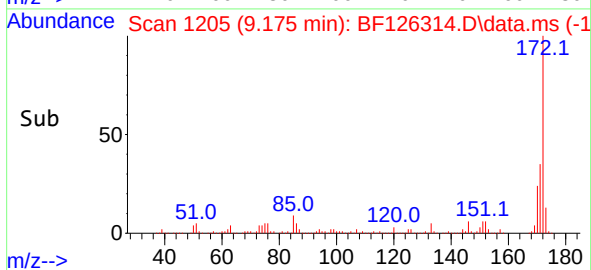
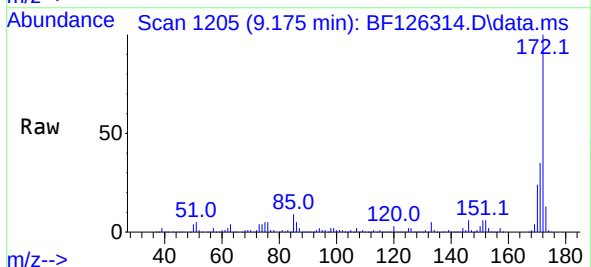
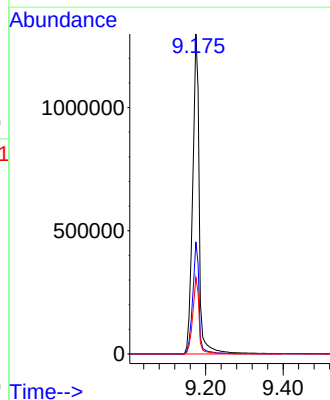
Tgt Ion:172 Resp: 1543835

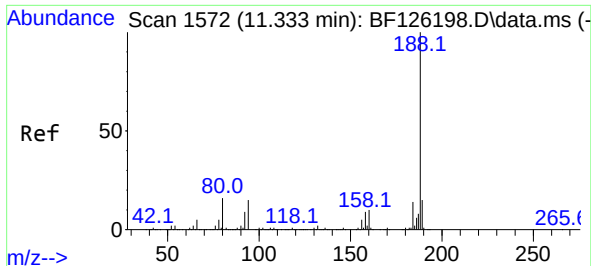
Ion Ratio Lower Upper

172 100

171 35.1 26.5 39.7

170 23.9 18.8 28.2

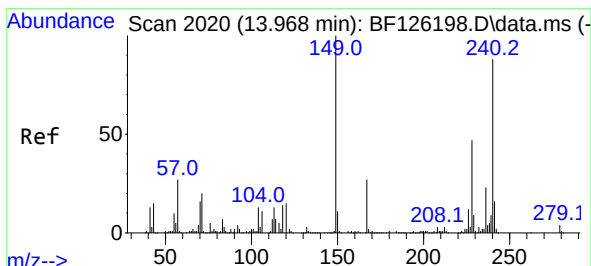
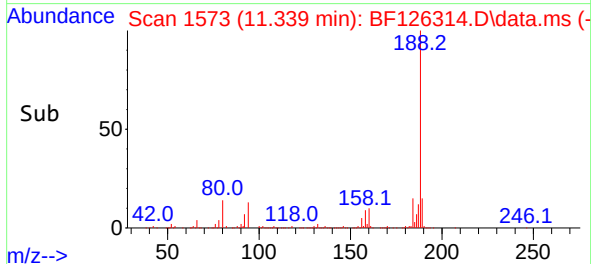
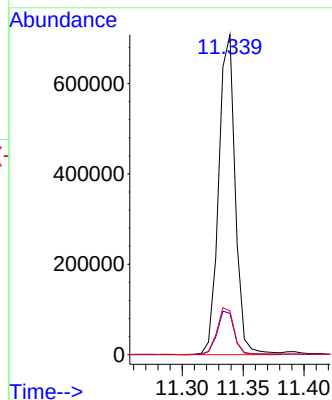
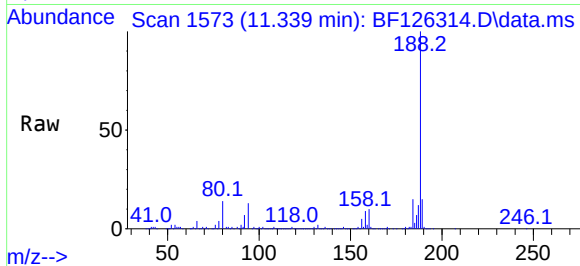




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

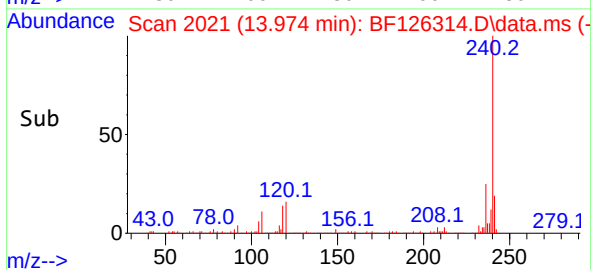
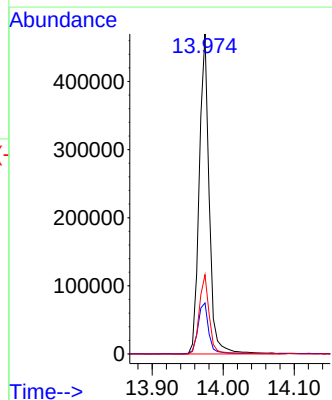
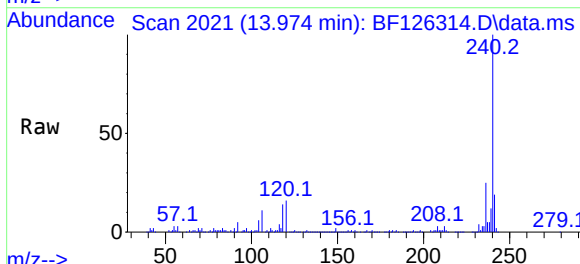
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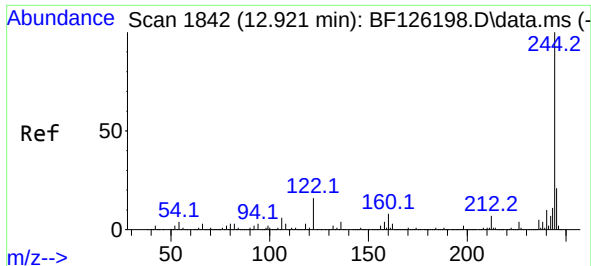
Tgt Ion:188 Resp: 672825
Ion Ratio Lower Upper
188 100
94 12.9 6.7 10.1#
80 13.7 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126314.D
Acq: 22 Dec 2021 00:25

Tgt Ion:240 Resp: 459847
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 24.7 21.6 32.4

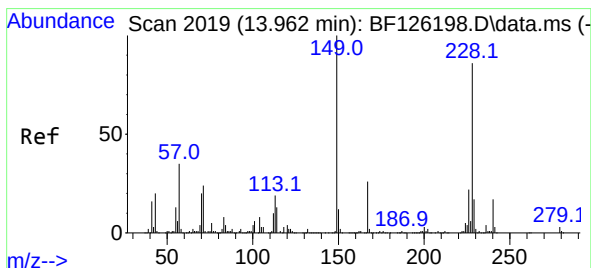
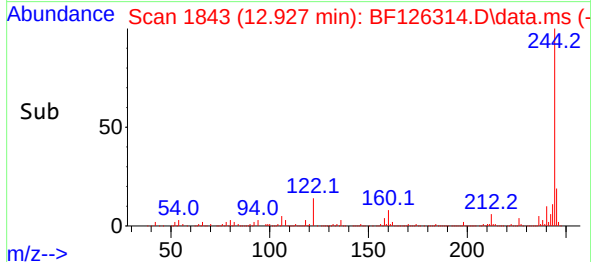
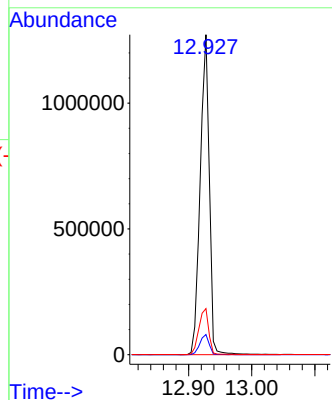
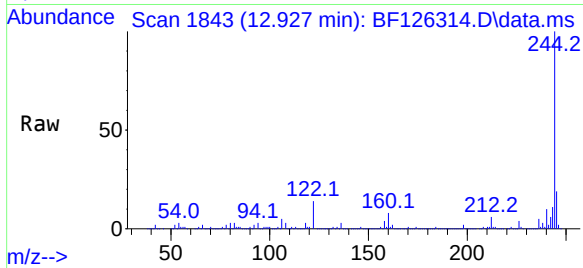




#79
 Terphenyl-d14
 Concen: 48.067 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

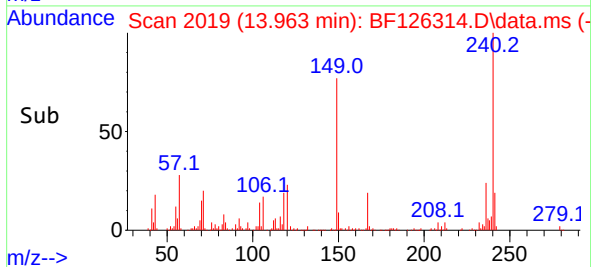
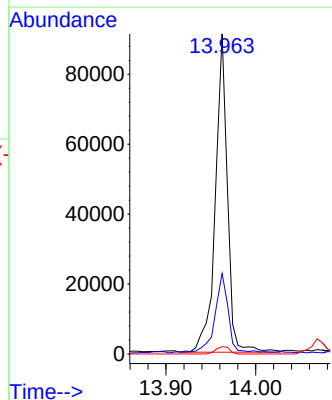
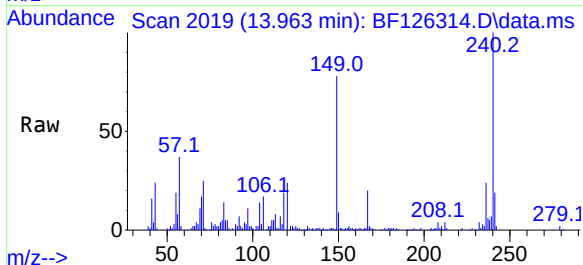
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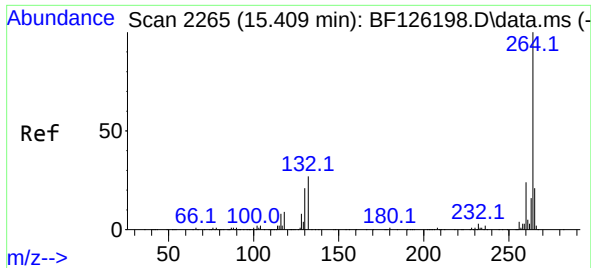
Tgt Ion:244 Resp: 1271677
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 14.4 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.850 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

Tgt Ion:149 Resp: 85536
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 2.3 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126314.D
 Acq: 22 Dec 2021 00:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 362031
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 20.2 17.2 25.8

