

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126259.D
 Acq On : 18 Dec 2021 17:45
 Operator : JU/CG
 Sample : M5165-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAVATION-INFLUENT

Quant Time: Dec 20 08:03:27 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)

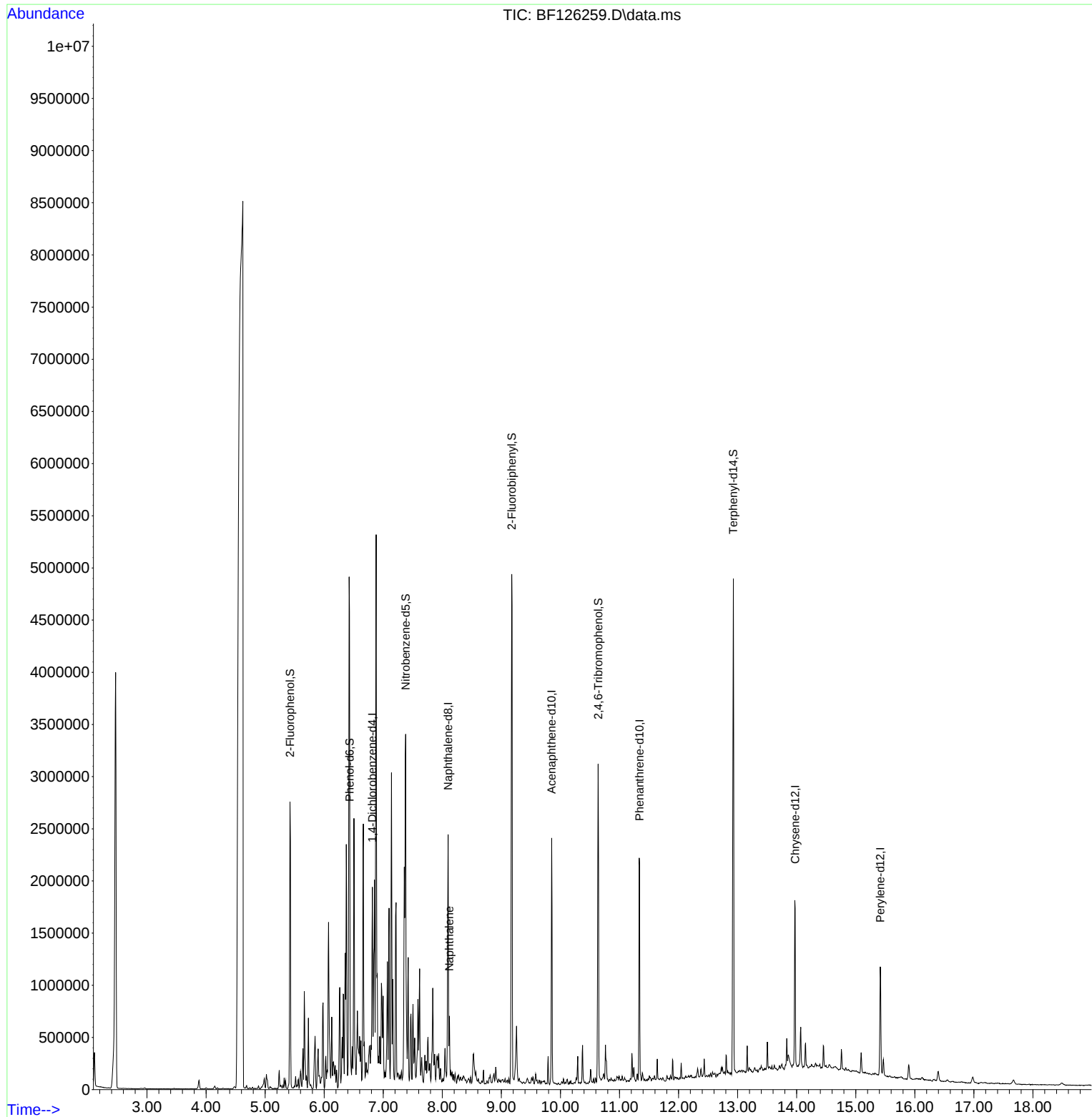
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	218575	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	967950	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	471071	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	785122	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	536563	20.000	ng	0.00
86) Perylene-d12	15.415	264	430110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	740579	49.897	ng	0.00
7) Phenol-d6	6.434	99	541517	28.734	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1264112	70.730	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	387168	102.270	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1742618	64.881	ng	0.00
79) Terphenyl-d14	12.927	244	1720075	55.719	ng	0.00
Target Compounds						
31) Naphthalene	8.116	128	197729	4.368	ng	Qvalue 99

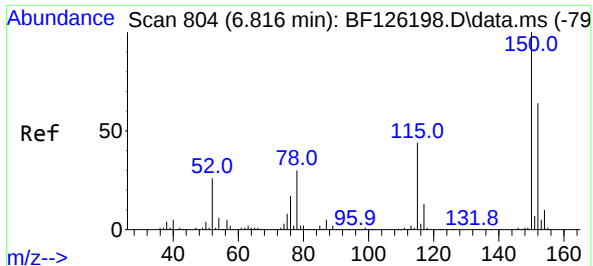
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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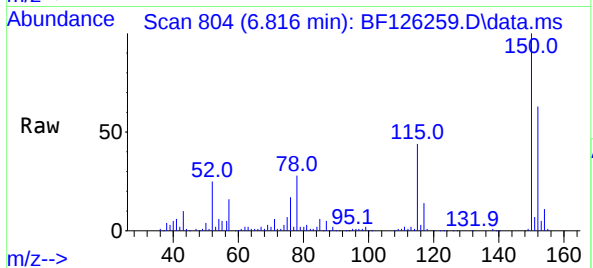
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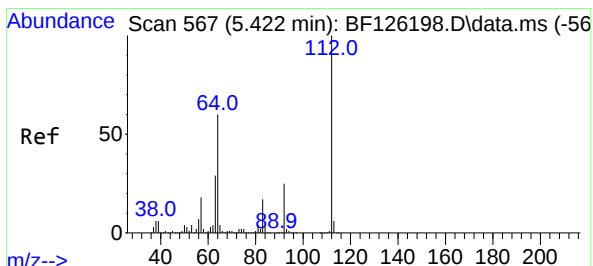
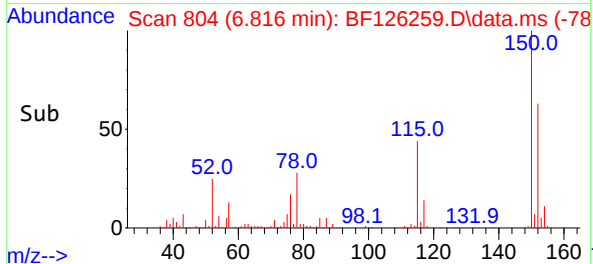
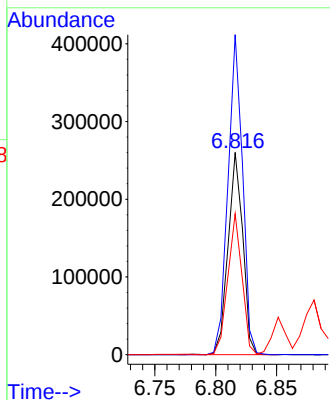


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

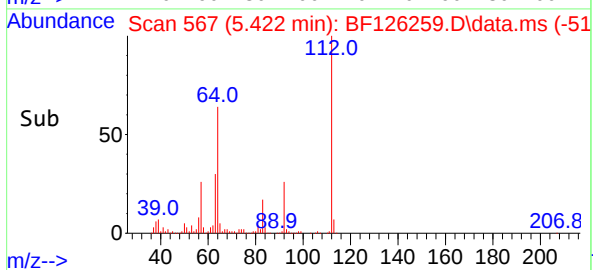
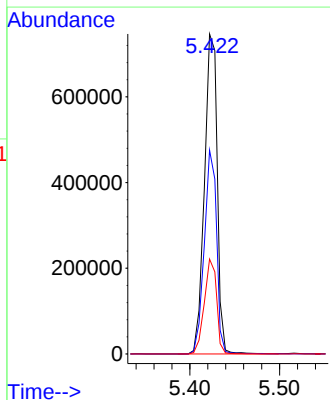
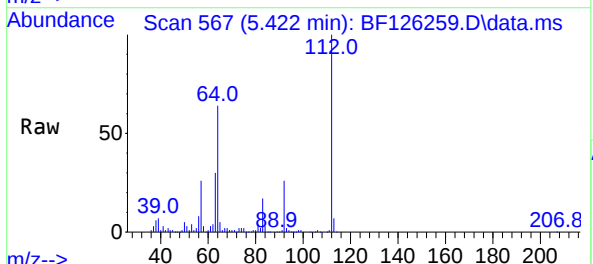


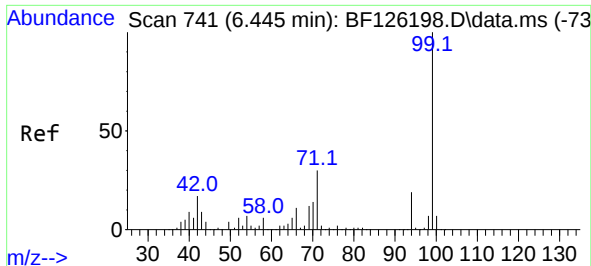
Tgt Ion:152 Resp: 218575
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 69.7 47.1 70.7



#5
2-Fluorophenol
Concen: 49.897 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

Tgt Ion:112 Resp: 740579
Ion Ratio Lower Upper
112 100
64 63.7 44.2 66.2
63 29.6 26.2 39.2

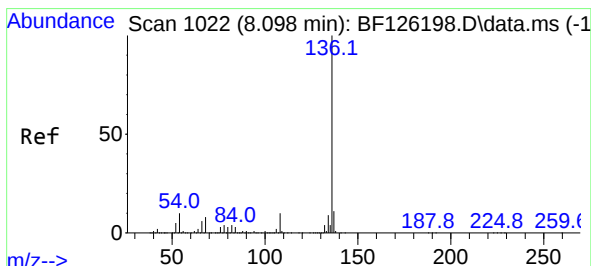
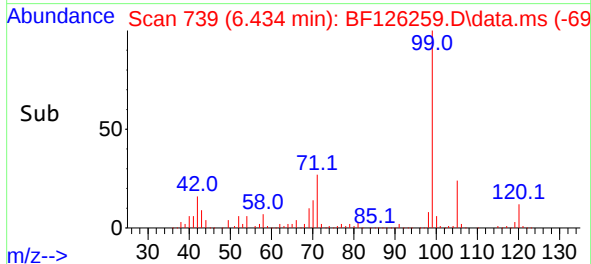
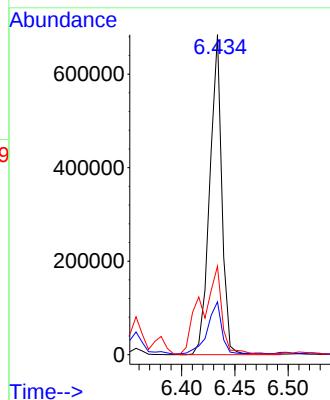
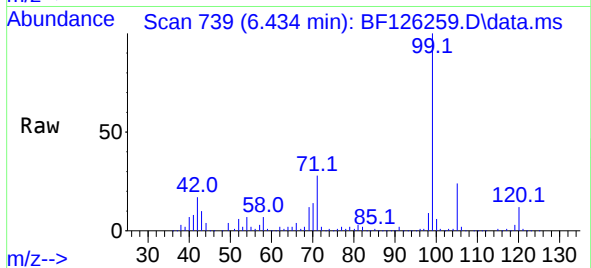




#7
Phenol-d6
Concen: 28.734 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

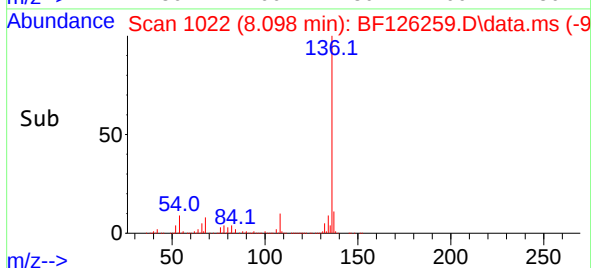
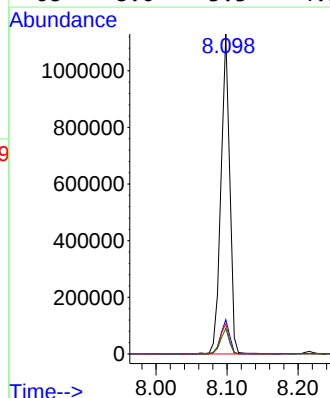
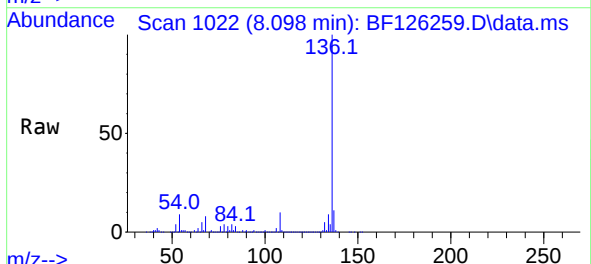
Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

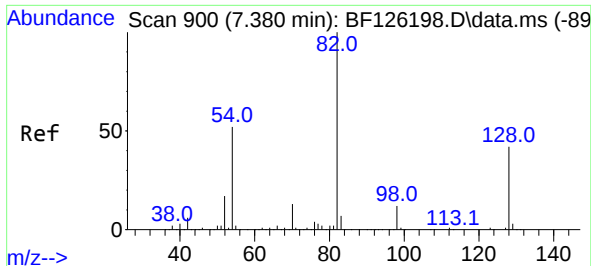
Tgt Ion: 99 Resp: 541517
Ion Ratio Lower Upper
99 100
42 16.5 23.5 35.3#
71 27.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

Tgt Ion:136 Resp: 967950
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.4 6.4 9.6
68 8.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 70.730 ng

RT: 7.381 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF126259.D

Acq: 18 Dec 2021 17:45

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-INFLUENT

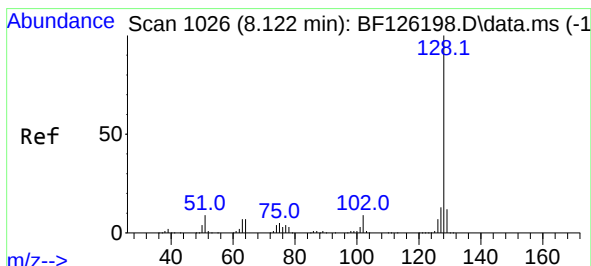
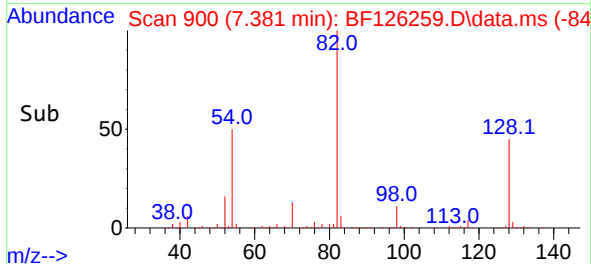
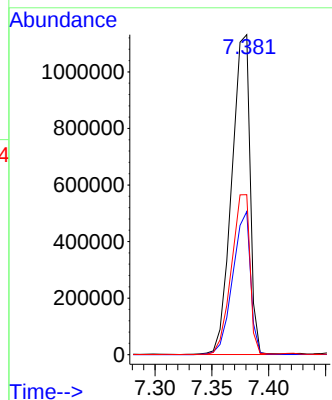
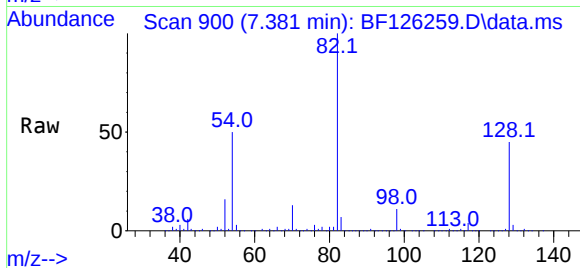
Tgt Ion: 82 Resp: 1264112

Ion Ratio Lower Upper

82 100

128 44.7 40.6 60.8

54 50.0 49.6 74.4



#31

Naphthalene

Concen: 4.368 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF126259.D

Acq: 18 Dec 2021 17:45

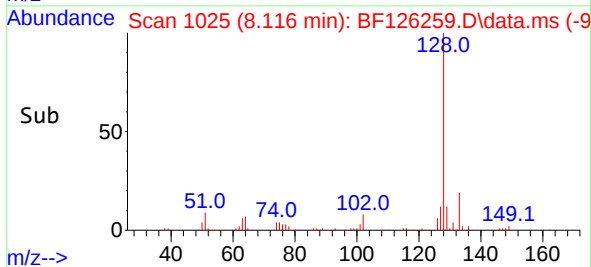
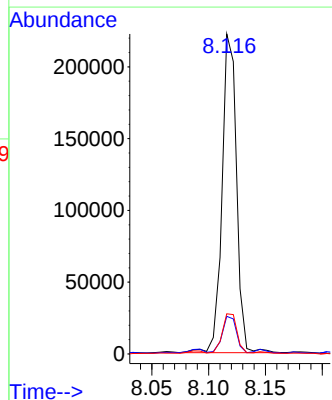
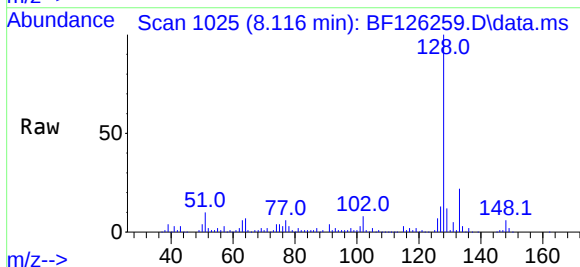
Tgt Ion:128 Resp: 197729

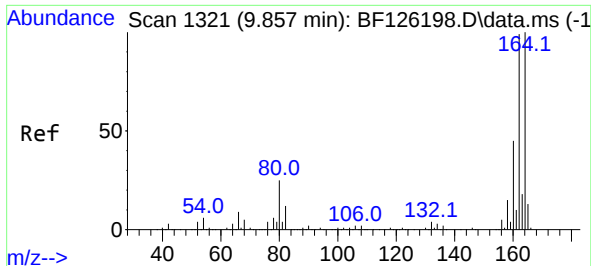
Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

127 12.6 10.9 16.3

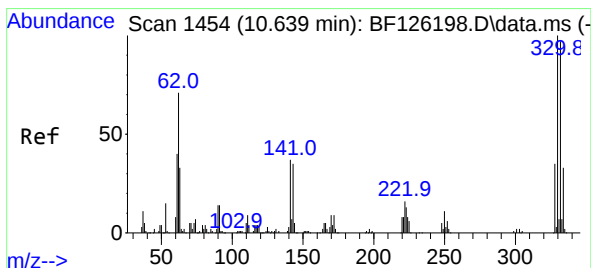
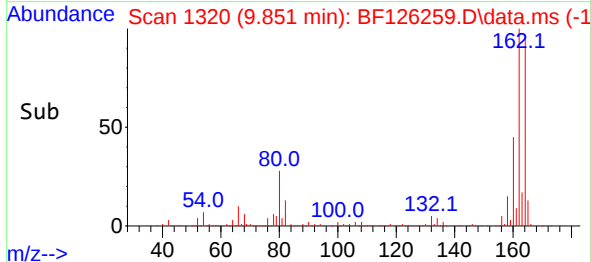
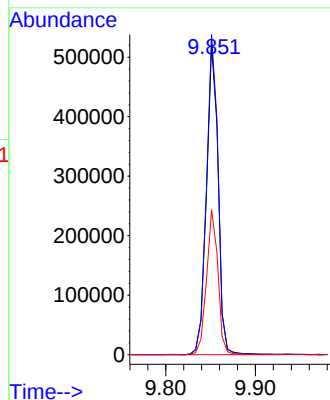
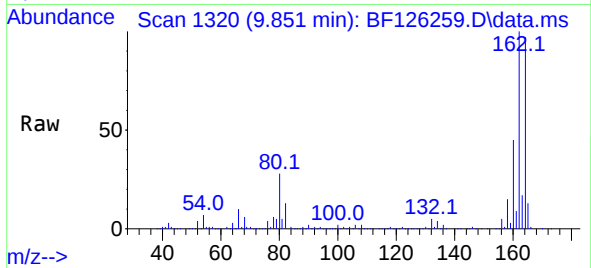




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

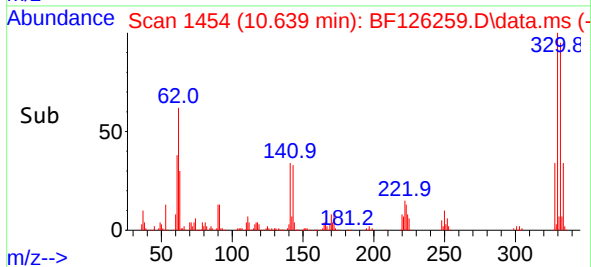
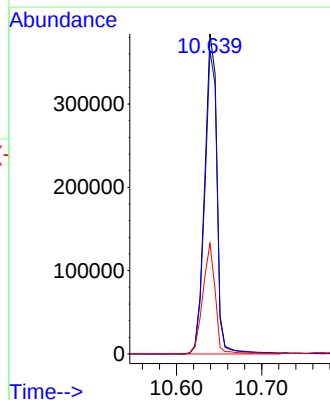
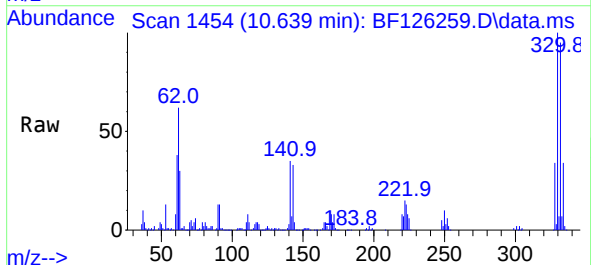
Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT

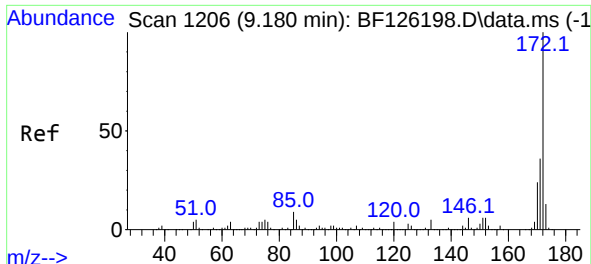
Tgt Ion:164 Resp: 471071
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 46.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 102.270 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

Tgt Ion:330 Resp: 387168
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 34.5 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 64.881 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126259.D

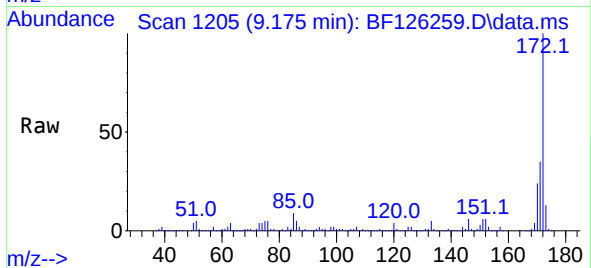
Acq: 18 Dec 2021 17:45

Instrument :

BNA_F

ClientSampleId :

EXCAVATION-INFLUENT



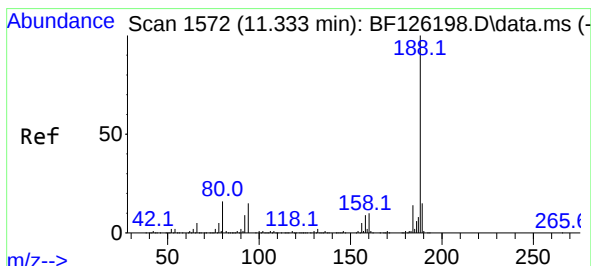
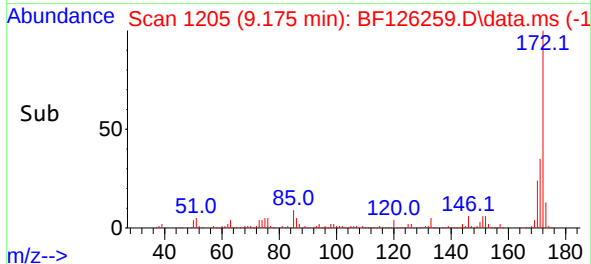
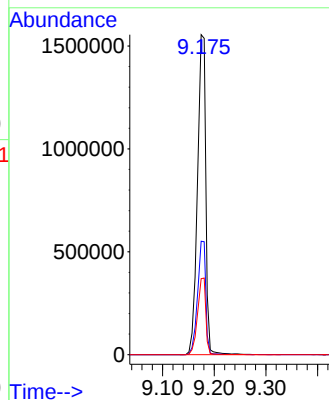
Tgt Ion:172 Resp: 1742618

Ion Ratio Lower Upper

172 100

171 35.5 26.5 39.7

170 23.8 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF126259.D

Acq: 18 Dec 2021 17:45

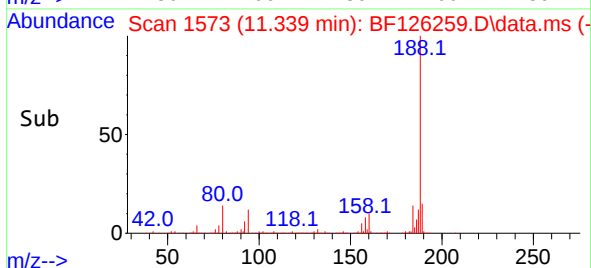
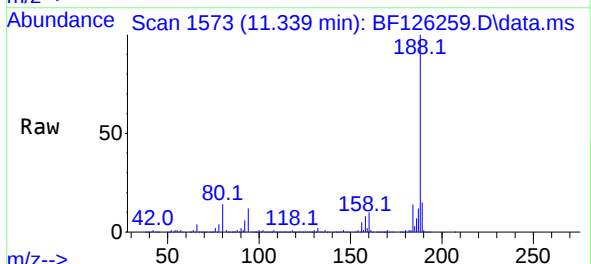
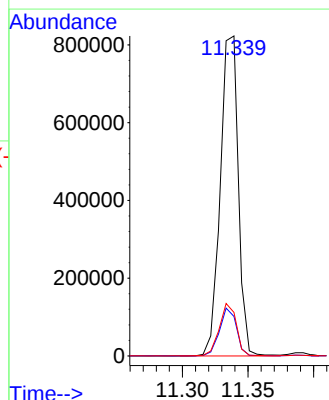
Tgt Ion:188 Resp: 785122

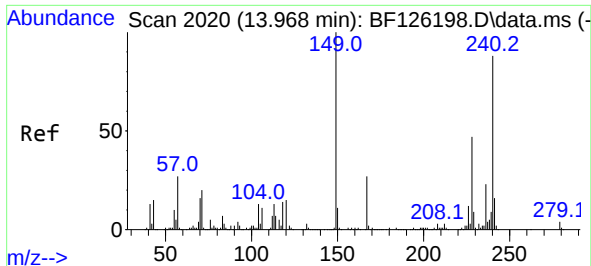
Ion Ratio Lower Upper

188 100

94 12.4 6.7 10.1#

80 13.6 7.5 11.3#

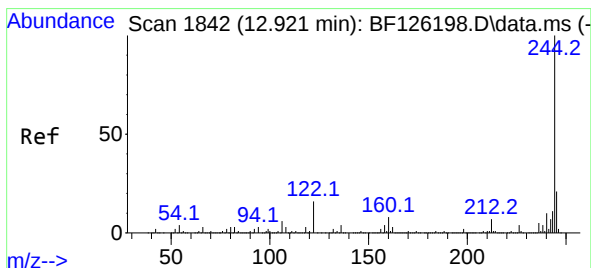
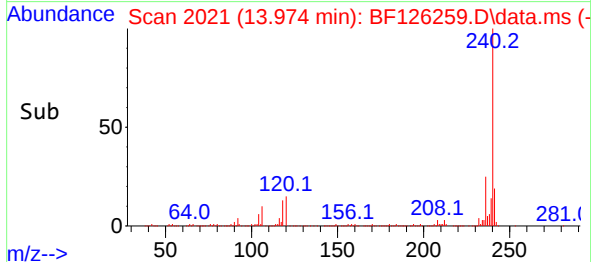
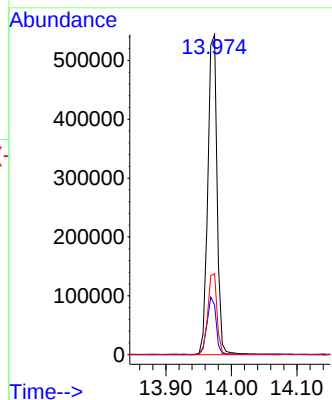
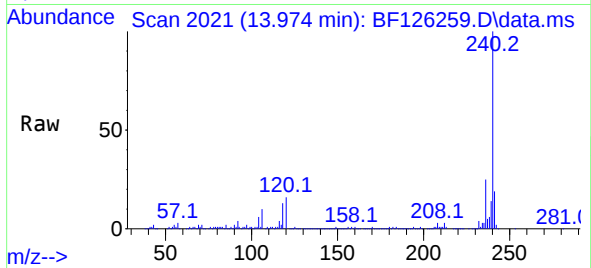




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

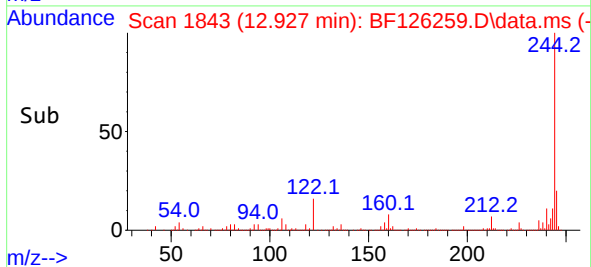
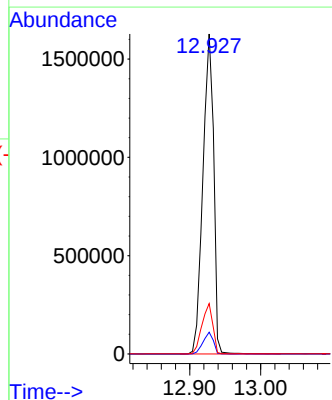
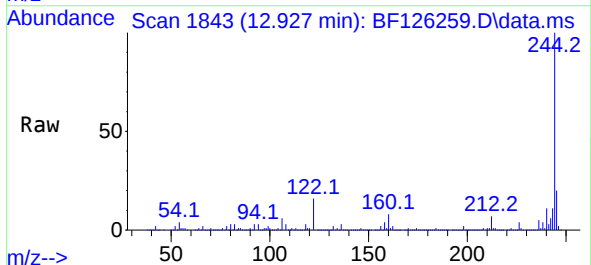
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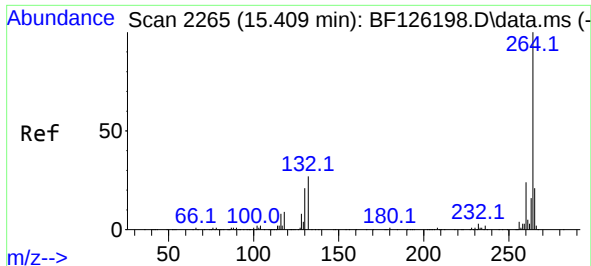
Tgt Ion:240 Resp: 536563
Ion Ratio Lower Upper
240 100
120 15.5 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 55.719 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

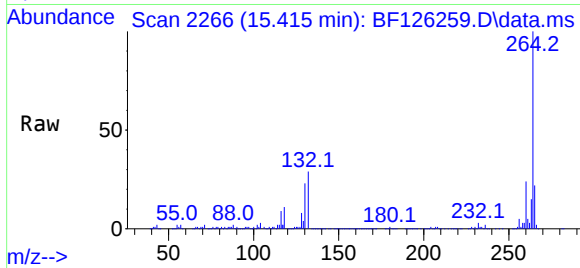
Tgt Ion:244 Resp: 1720075
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 15.7 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126259.D
Acq: 18 Dec 2021 17:45

Instrument :
BNA_F
ClientSampleId :
EXCAVATION-INFLUENT



Tgt Ion:264 Resp: 430110

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.4	17.2	25.8

