

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125061.D
 Acq On : 11 Aug 2021 17:54
 Operator : JU/CG
 Sample : M3316-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Aug 12 05:10:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6616	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	27124	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	15699	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	28490	20.000	ng	0.00
76) Chrysene-d12	13.969	240	10869	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	26618	65.906	ng	0.00
7) Phenol-d6	6.446	99	19587	38.461	ng	0.00
23) Nitrobenzene-d5	7.381	82	42645	82.247	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	19300	137.607	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	92716	86.417	ng	0.00
79) Terphenyl-d14	12.922	244	67916	105.403	ng	0.00

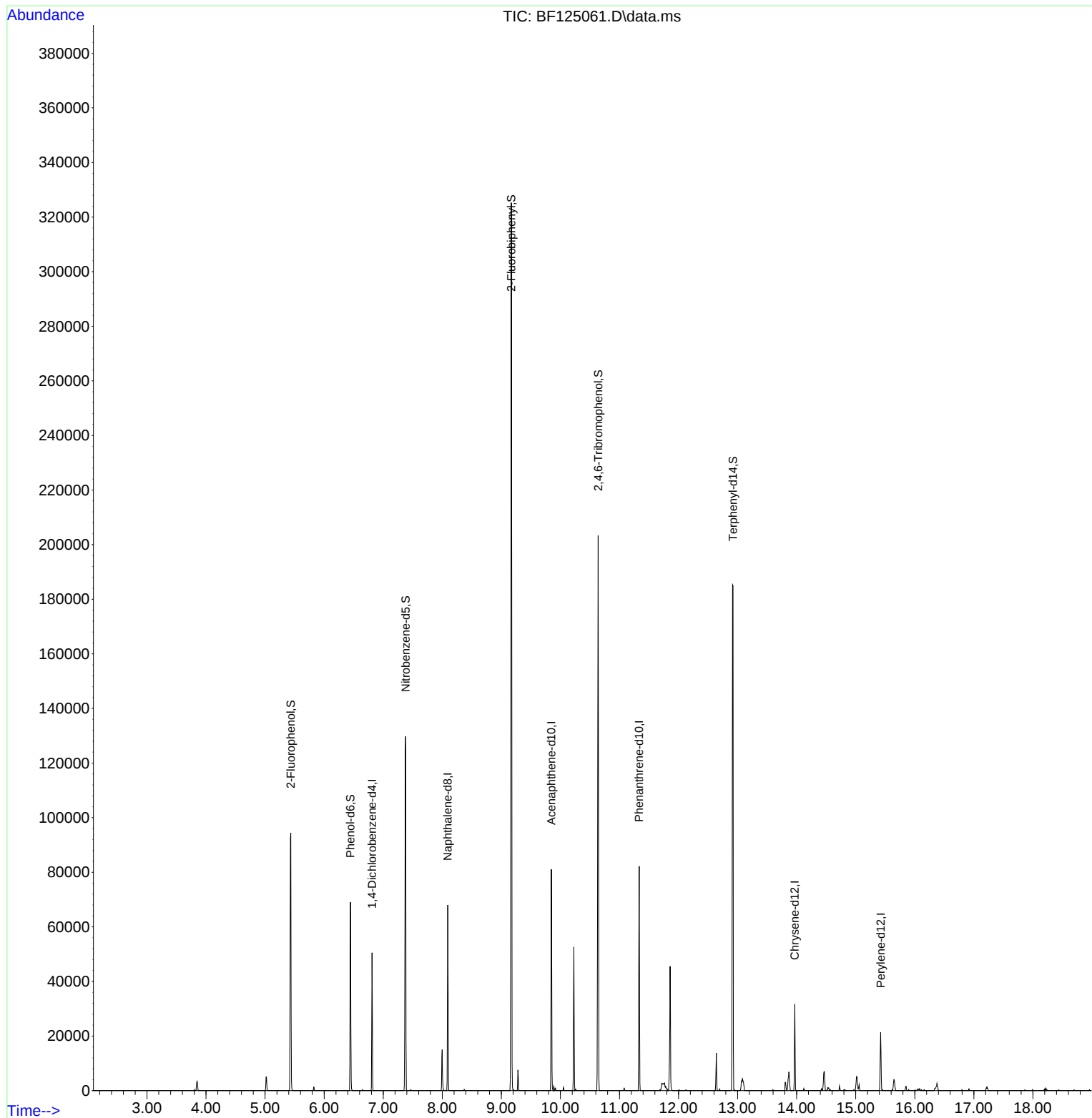
Target Compounds	Qvalue

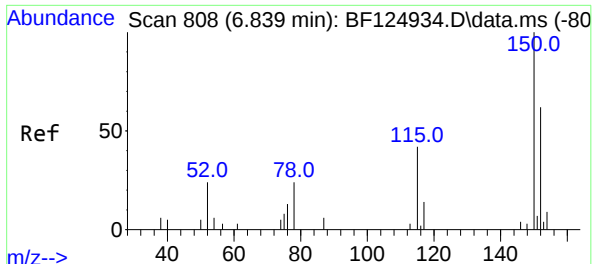
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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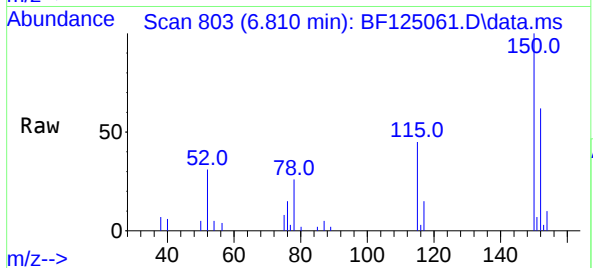
Quant Time: Aug 12 05:10:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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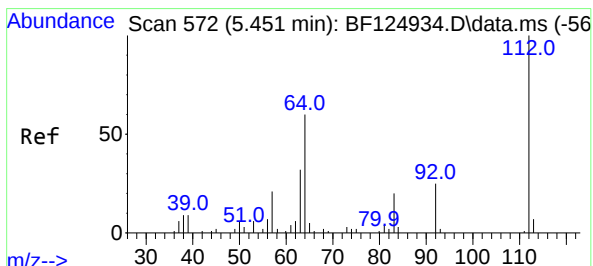
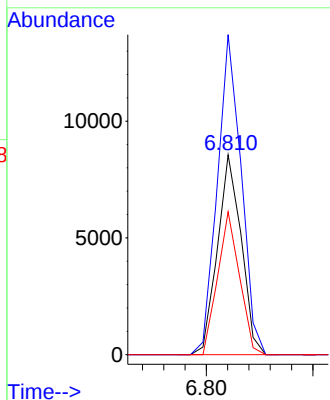
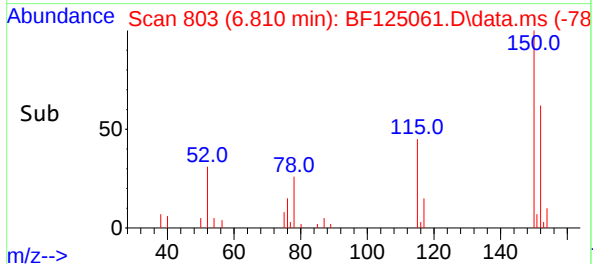


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

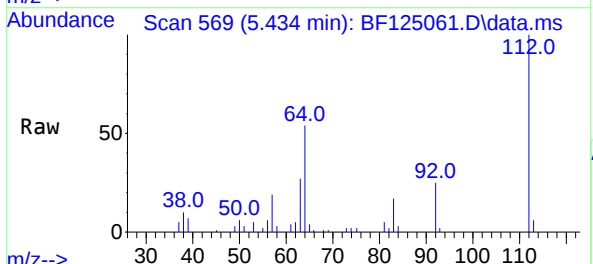
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER



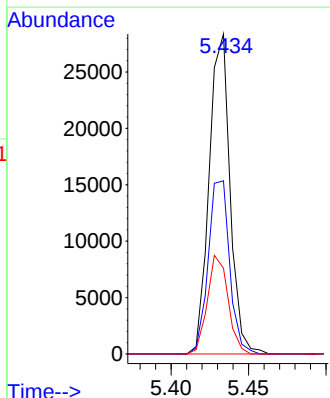
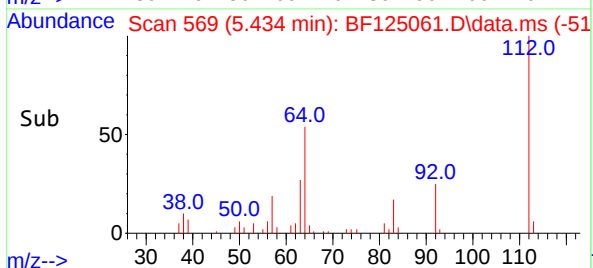
Tgt Ion:152 Resp: 6616
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 71.5 47.1 70.7#

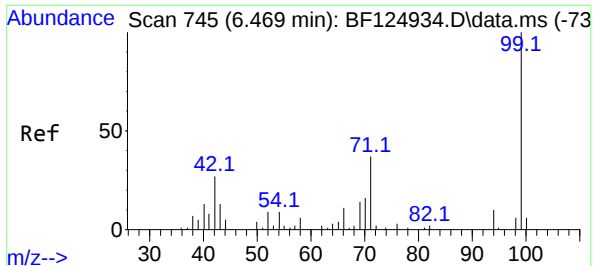


#5
2-Fluorophenol
Concen: 65.906 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54



Tgt Ion:112 Resp: 26618
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 26.8 26.2 39.2

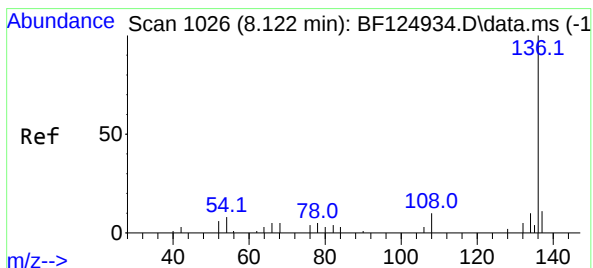
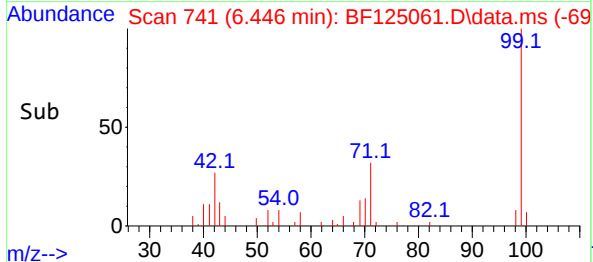
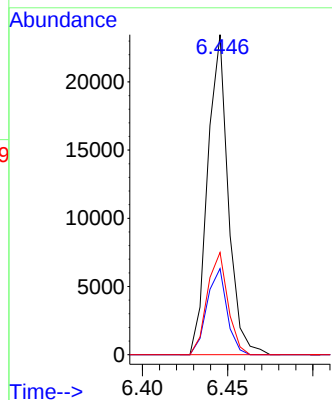
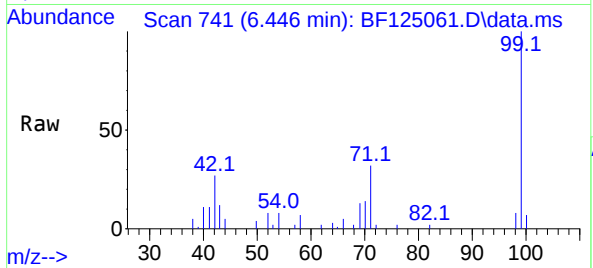




#7
Phenol-d6
Concen: 38.461 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

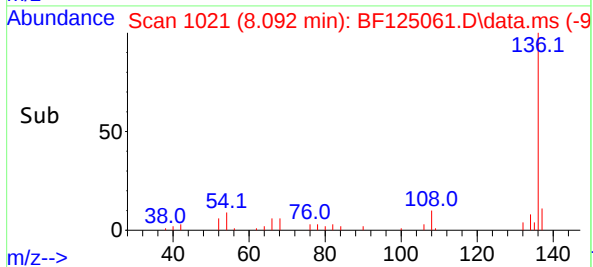
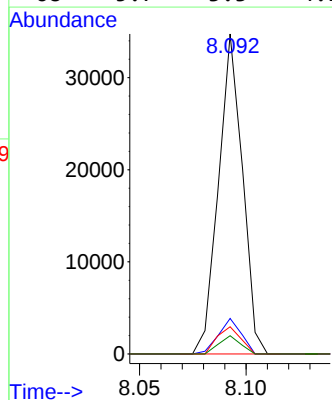
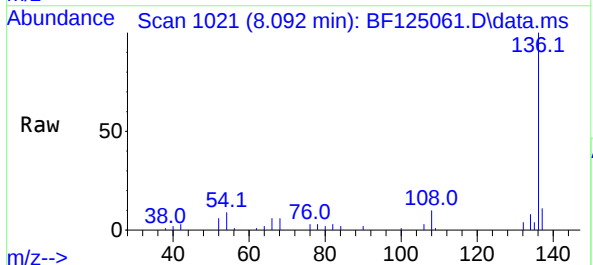
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

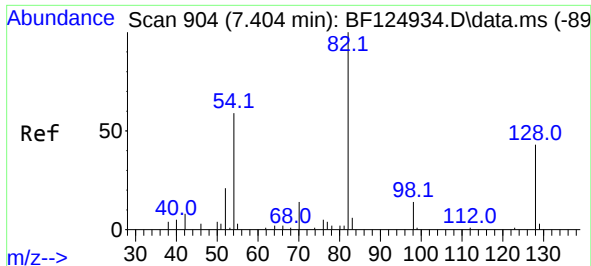
Tgt Ion: 99 Resp: 19587
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion: 136 Resp: 27124
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 8.5 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 82.247 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF125061.D

Acq: 11 Aug 2021 17:54

Tgt Ion: 82 Resp: 42645

Ion Ratio Lower Upper

82 100

128 46.5 40.6 60.8

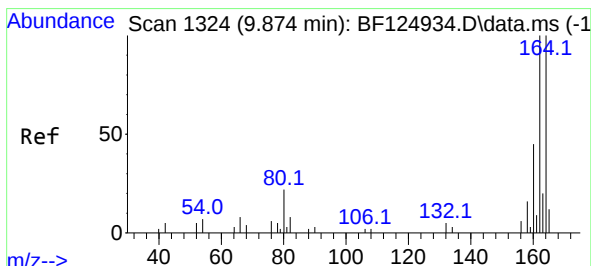
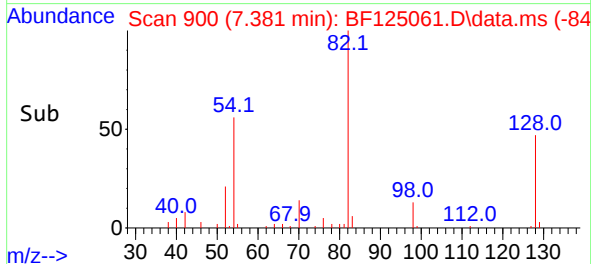
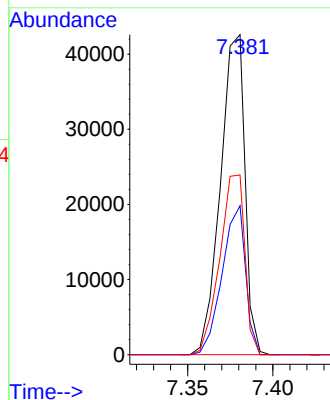
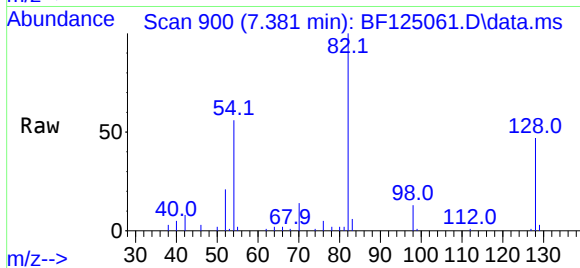
54 56.2 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

GROUND-WATER



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF125061.D

Acq: 11 Aug 2021 17:54

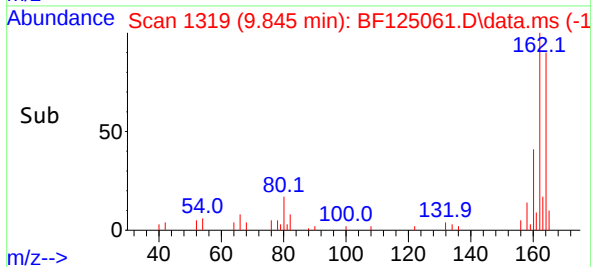
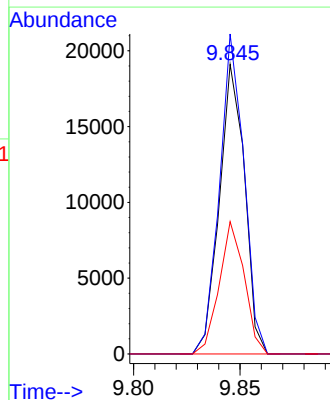
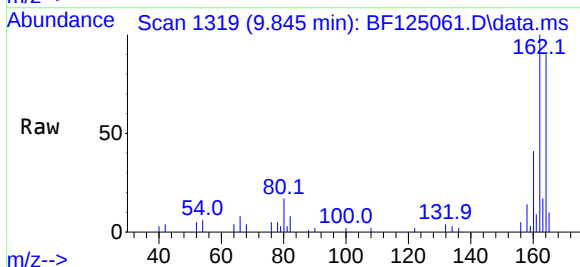
Tgt Ion:164 Resp: 15699

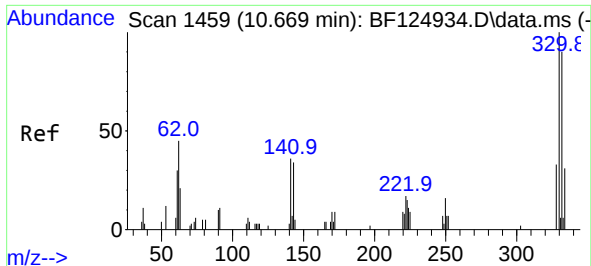
Ion Ratio Lower Upper

164 100

162 110.5 81.3 121.9

160 45.7 38.0 57.0

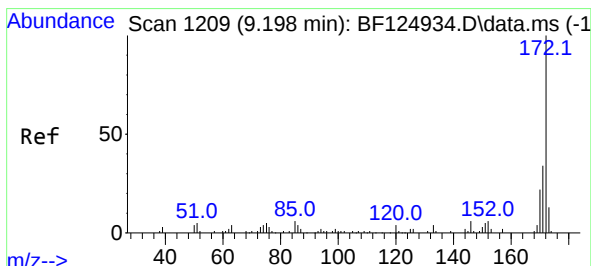
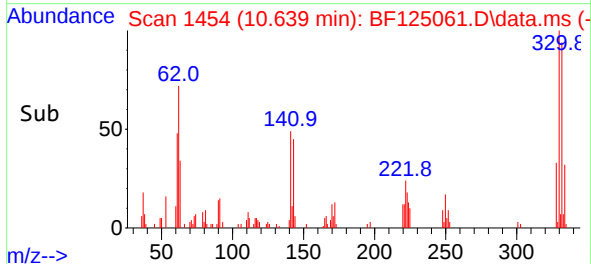
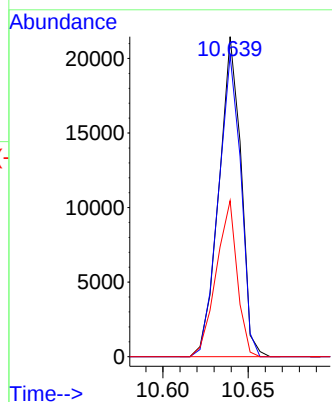
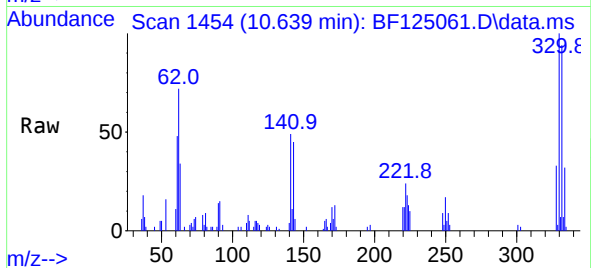




#42
2,4,6-Tribromophenol
Concen: 137.607 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

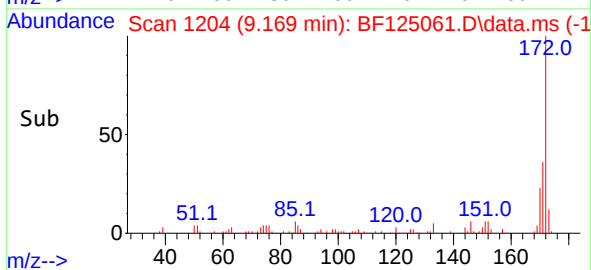
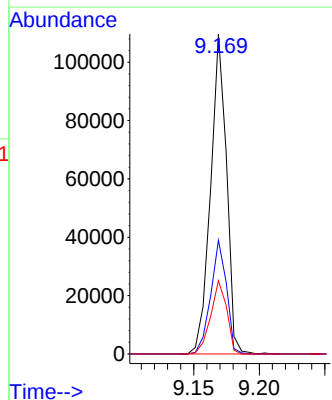
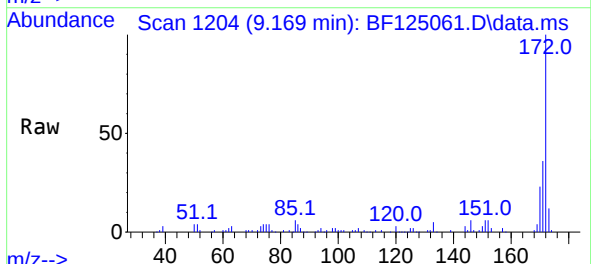
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

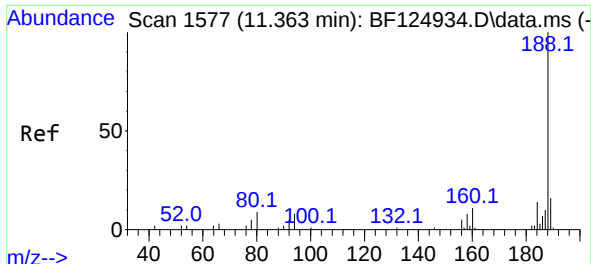
Tgt Ion:330 Resp: 19300
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 46.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 86.417 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:172 Resp: 92716
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 22.9 18.8 28.2

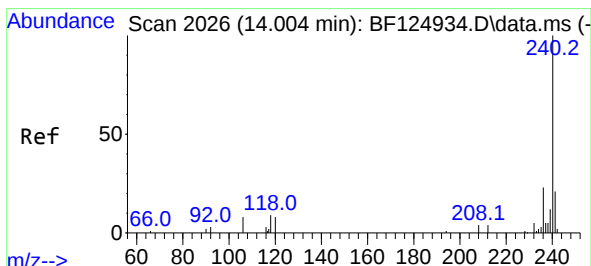
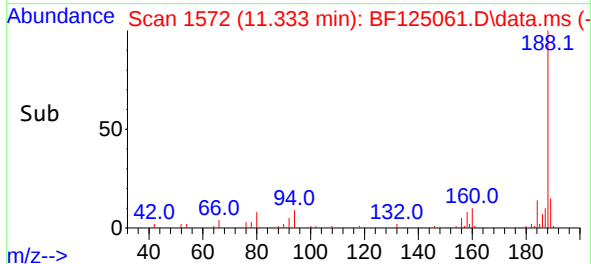
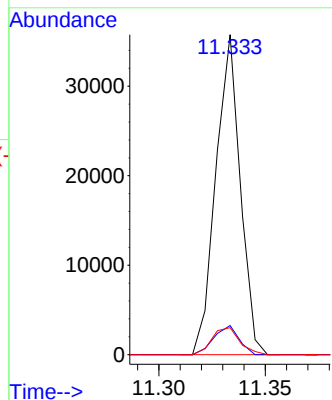
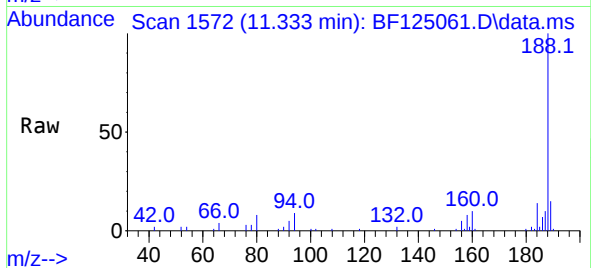




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

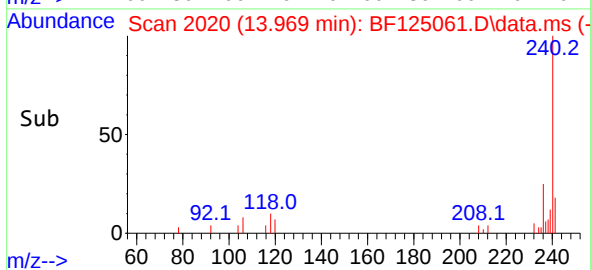
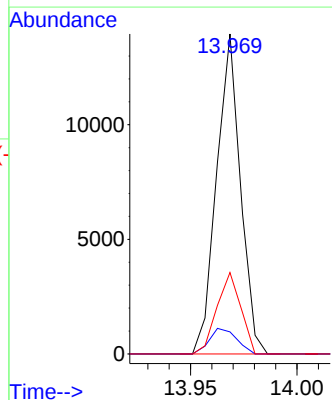
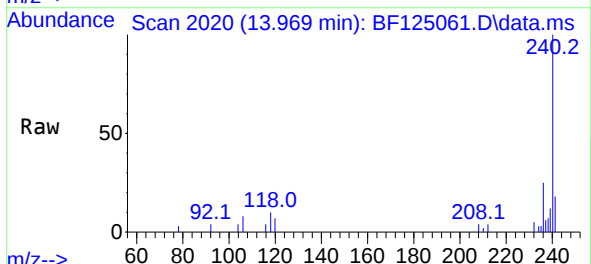
Instrument :
BNA_F
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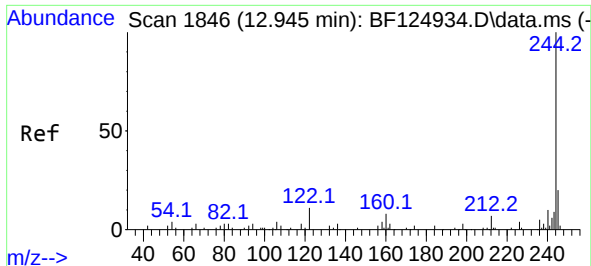
Tgt Ion:188 Resp: 28490
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:240 Resp: 10869
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2#
236 25.5 21.6 32.4

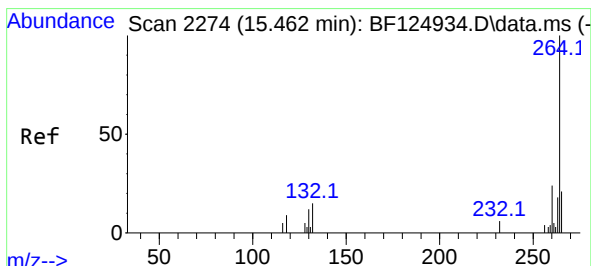
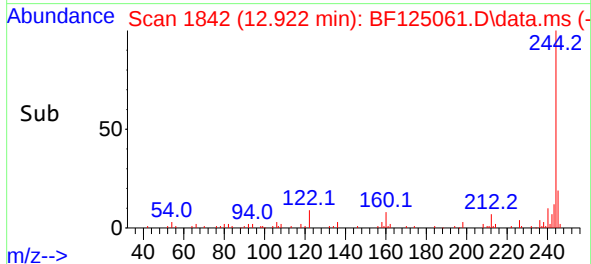
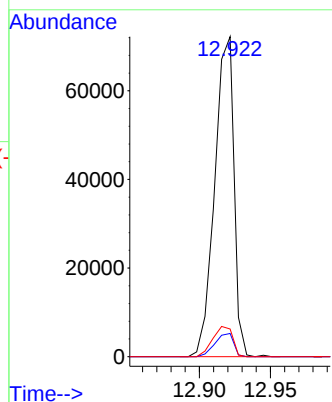
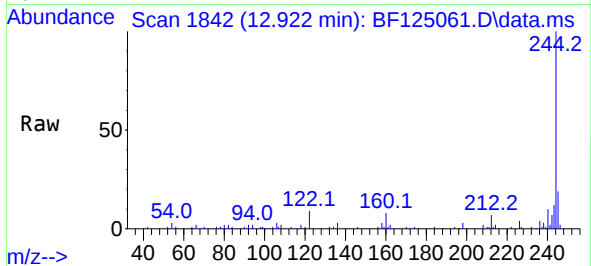




#79
Terphenyl-d14
Concen: 105.403 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Tgt Ion:244 Resp: 67916
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.7 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:264 Resp: 10319
Ion Ratio Lower Upper
264 100
260 25.4 19.6 29.4
265 23.1 17.2 25.8

