

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125599.D
 Acq On : 23 Sep 2021 19:07
 Operator : JU/CG
 Sample : M3798-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-07-(15-18)

Quant Time: Sep 24 04:18:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	196970	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	802179	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	427430	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	761770	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	633376	20.000	ng	0.00
86) Perylene-d12	15.533	264	576242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1147076	92.092	ng	0.00
7) Phenol-d6	6.510	99	1391666	86.657	ng	-0.01
23) Nitrobenzene-d5	7.451	82	823276	65.459	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	407538	97.345	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1589334	64.605	ng	-0.01
79) Terphenyl-d14	13.004	244	1644241	41.921	ng	0.00

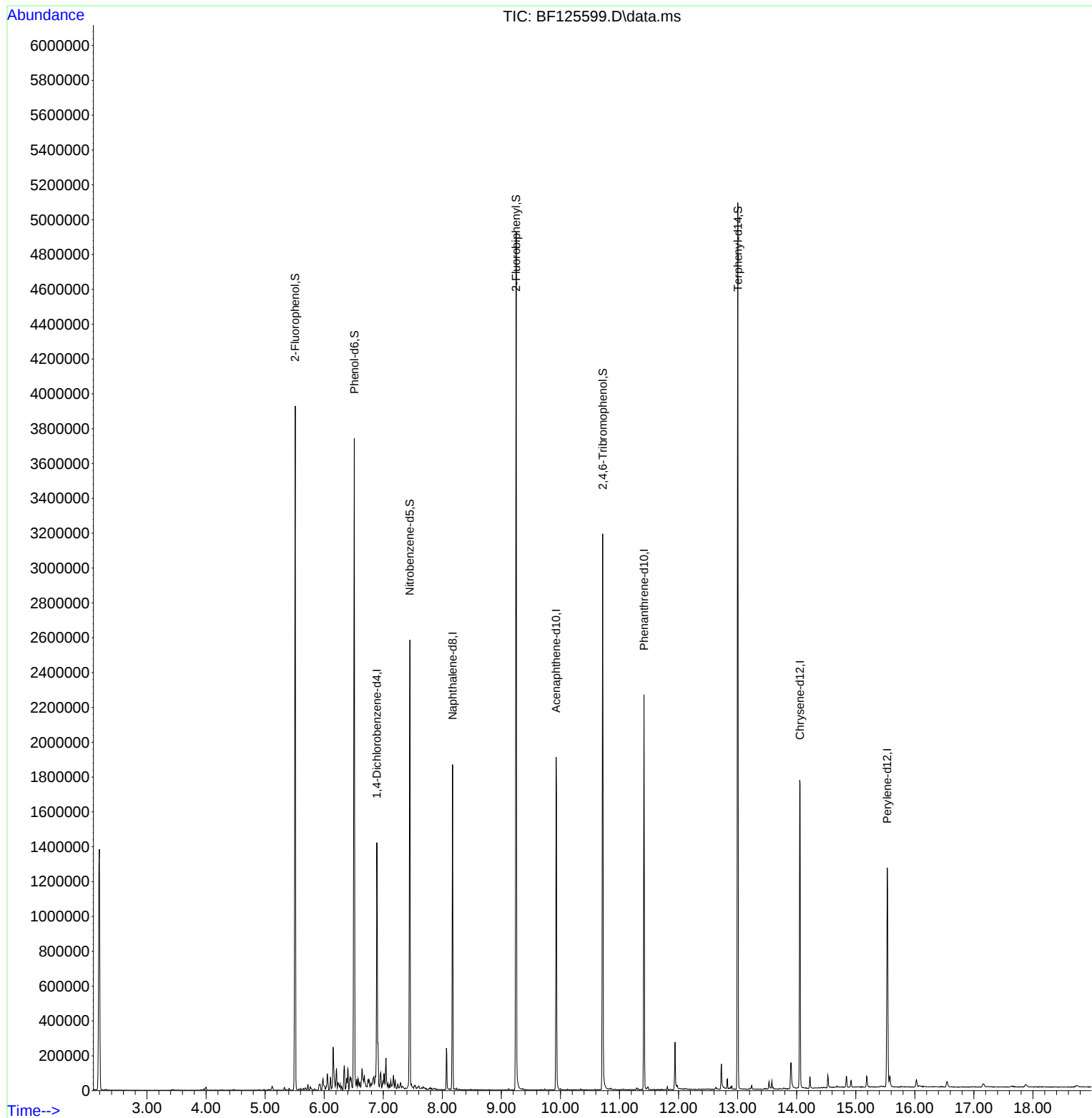
Target Compounds	Qvalue

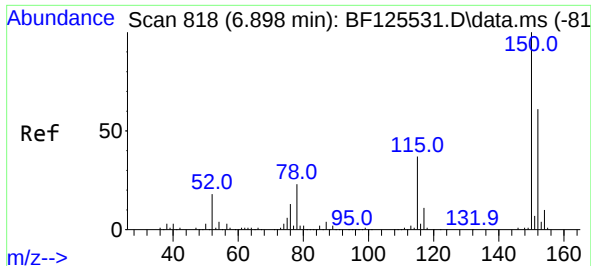
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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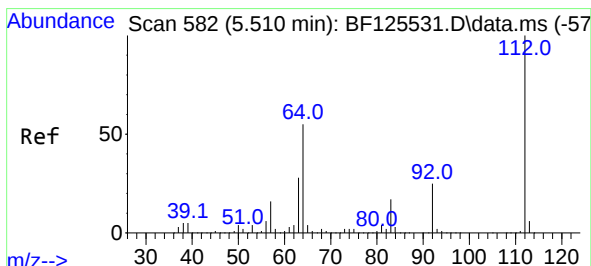
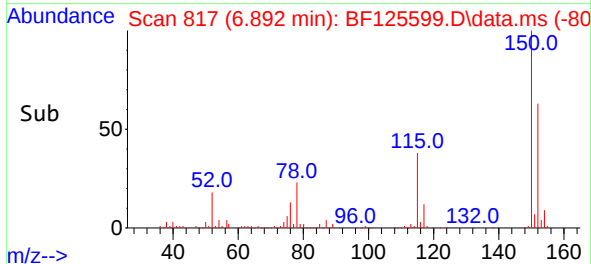
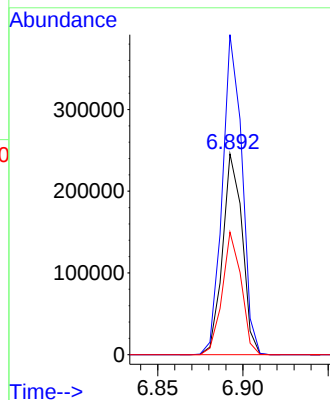
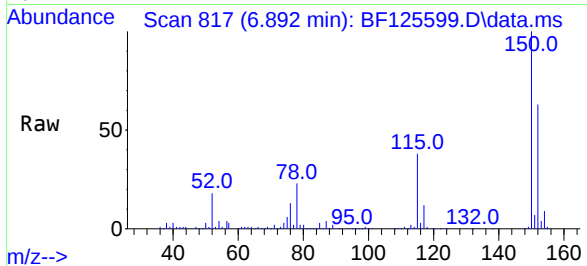




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

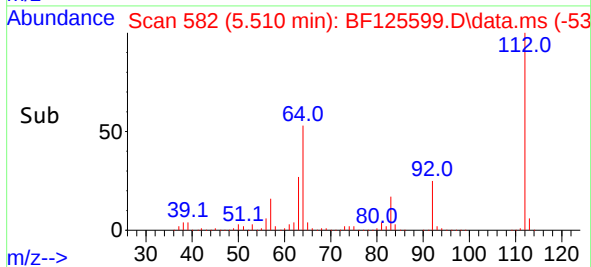
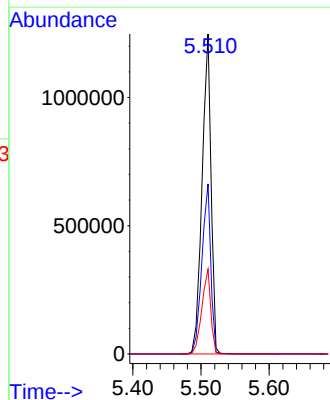
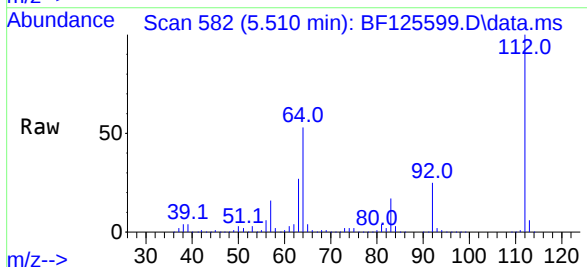
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(15-18)

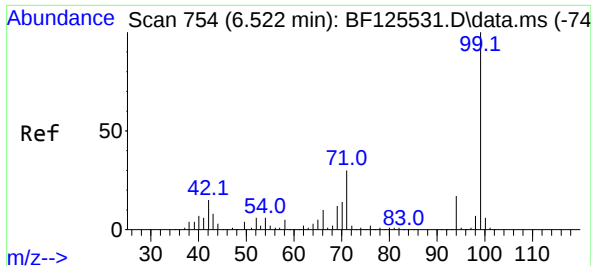
Tgt Ion:152 Resp: 196970
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 92.092 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Tgt Ion:112 Resp: 1147076
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 26.5 26.2 39.2

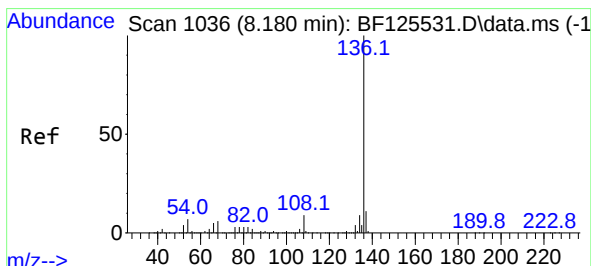
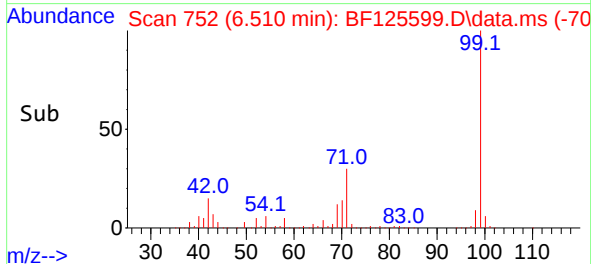
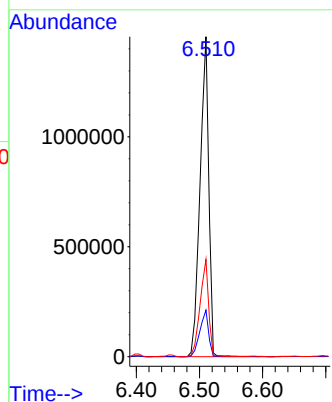
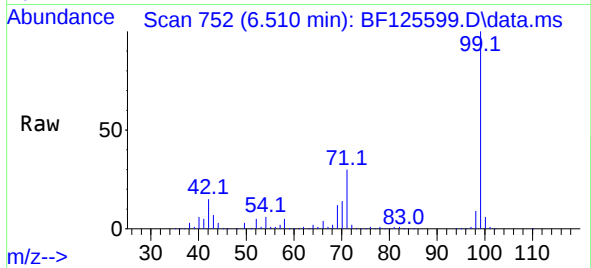




#7
Phenol-d6
Concen: 86.657 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

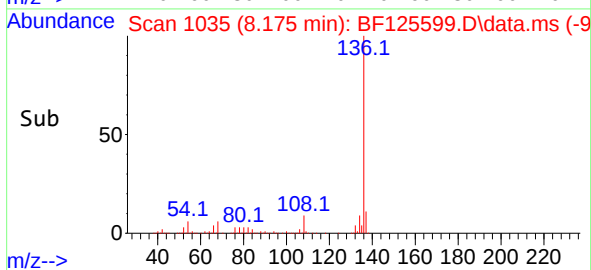
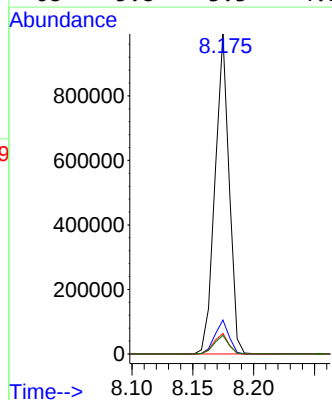
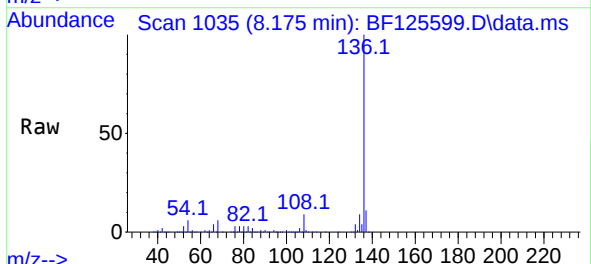
Instrument :
BNA_F
ClientSampleId :
NAPL-07-(15-18)

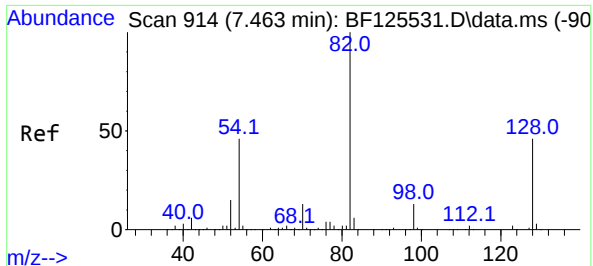
Tgt Ion: 99 Resp: 1391666
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Tgt Ion: 136 Resp: 802179
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.4 6.4 9.6#
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.459 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125599.D

Acq: 23 Sep 2021 19:07

Tgt Ion: 82 Resp: 823276

Ion Ratio Lower Upper

82 100

128 48.3 40.6 60.8

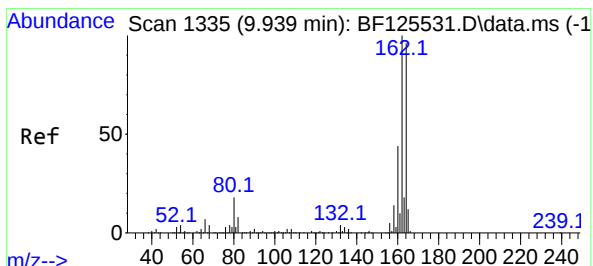
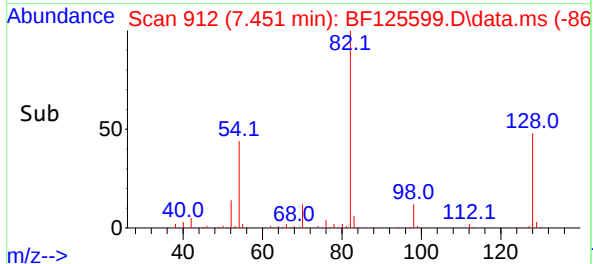
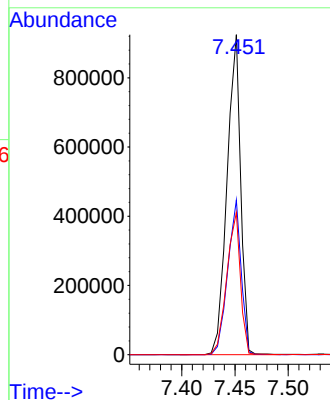
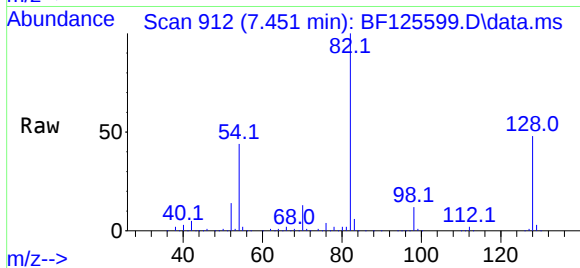
54 44.4 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-07-(15-18)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.011 min

Lab File: BF125599.D

Acq: 23 Sep 2021 19:07

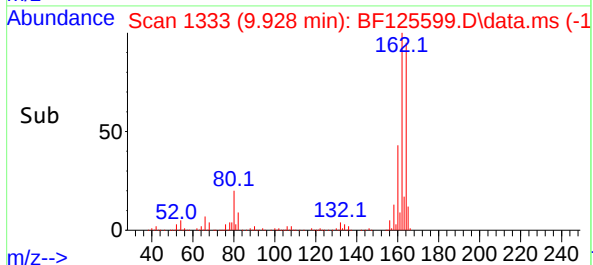
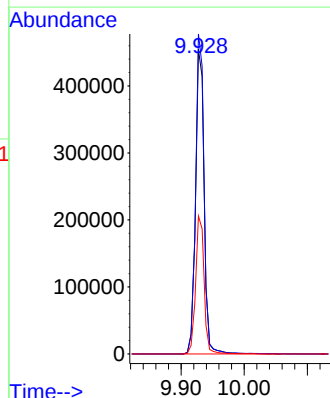
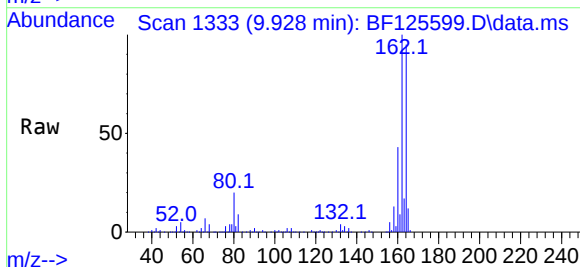
Tgt Ion:164 Resp: 427430

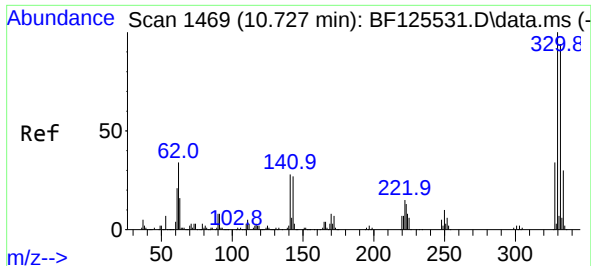
Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 45.3 38.0 57.0

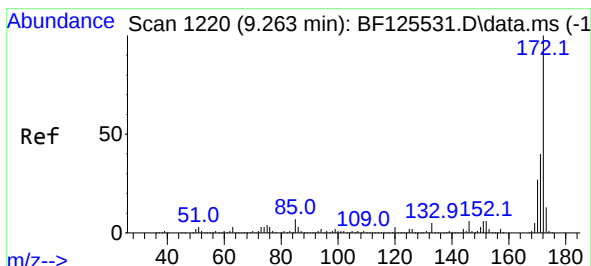
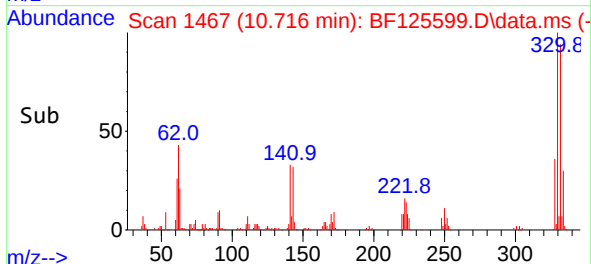
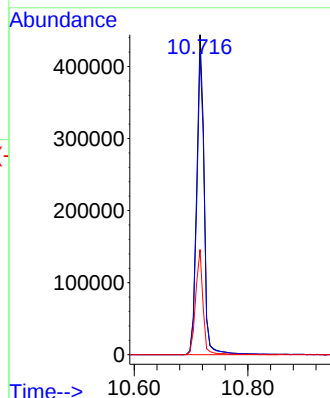
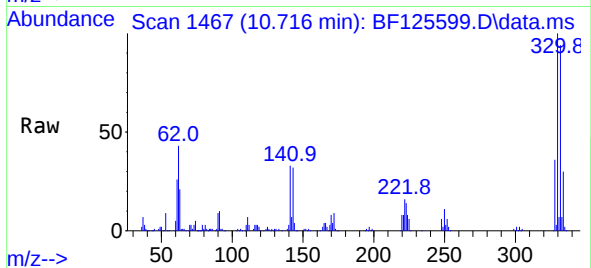




#42
2,4,6-Tribromophenol
Concen: 97.345 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

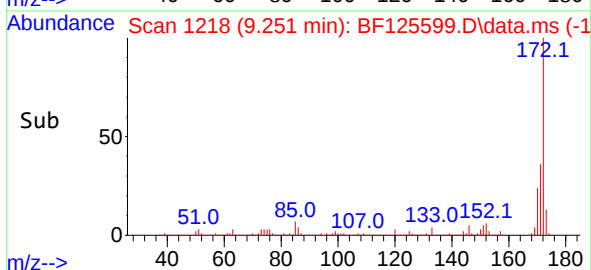
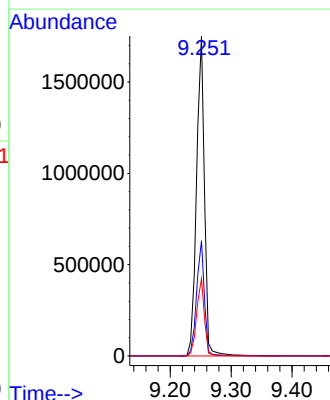
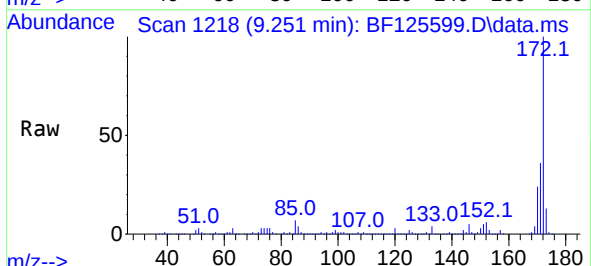
Instrument :
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NAPL-07-(15-18)

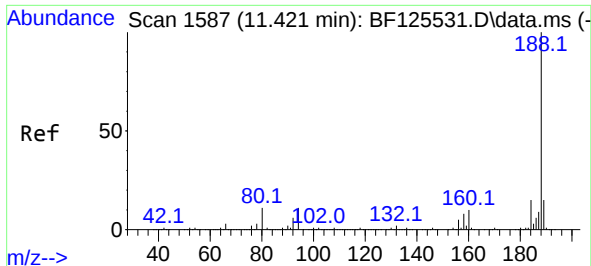
Tgt Ion:330 Resp: 407538
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 32.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.605 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Tgt Ion:172 Resp: 1589334
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.2 18.8 28.2

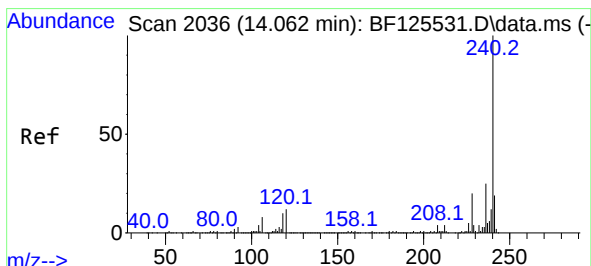
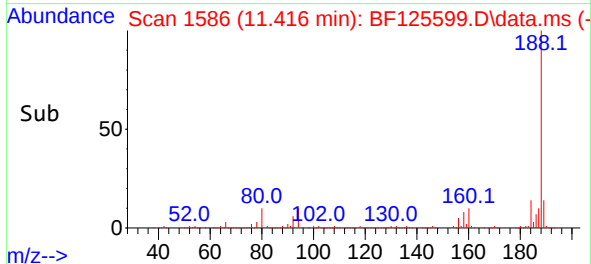
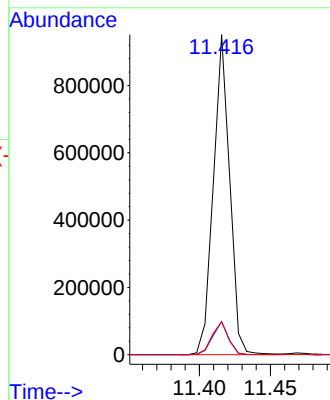
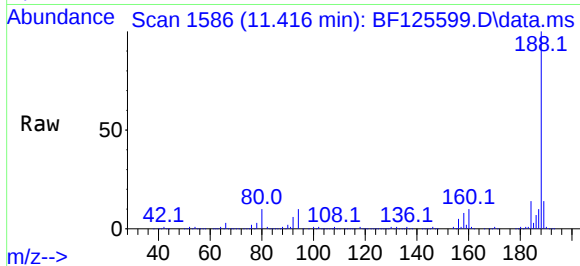




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

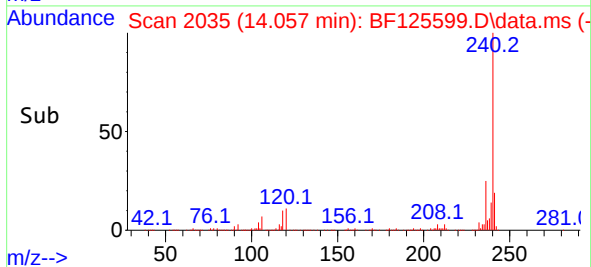
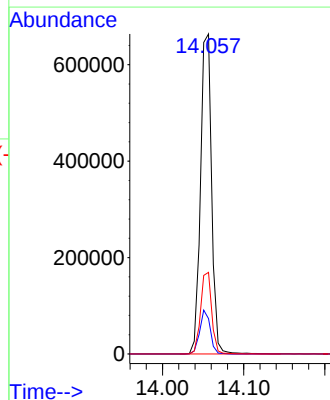
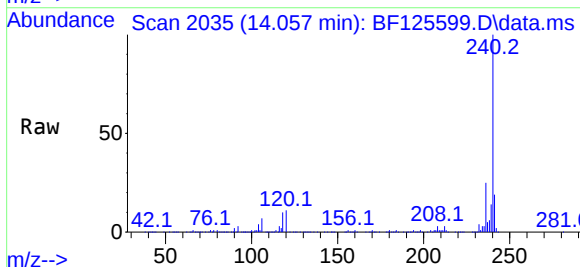
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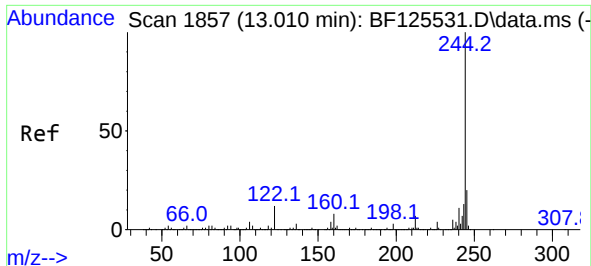
Tgt Ion:188 Resp: 761770
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Tgt Ion:240 Resp: 633376
Ion Ratio Lower Upper
240 100
120 11.1 10.8 16.2
236 25.5 21.6 32.4

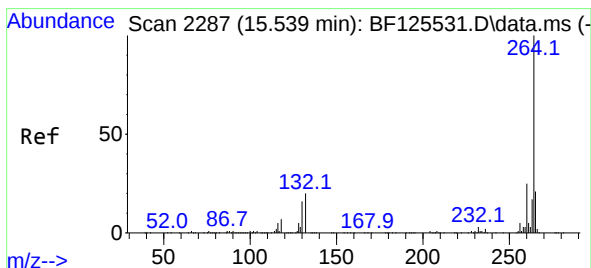
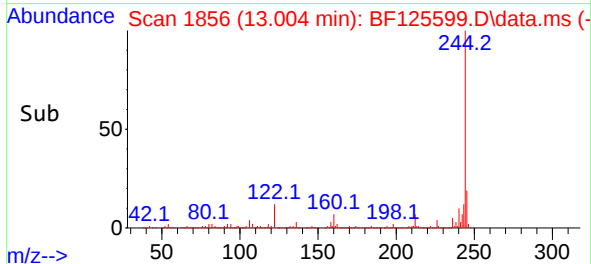
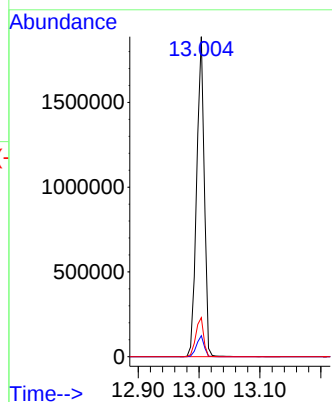
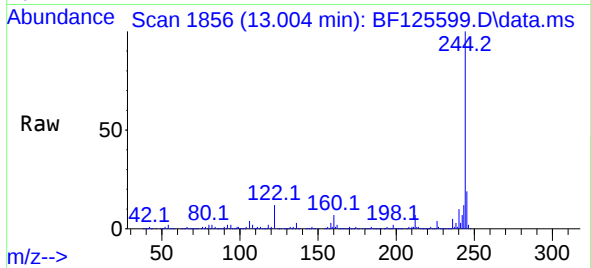




#79
Terphenyl-d14
Concen: 41.921 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Instrument :
BNA_F
ClientSampleId :
NAPL-07-(15-18)

Tgt Ion:244 Resp: 1644241
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 12.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF125599.D
Acq: 23 Sep 2021 19:07

Tgt Ion:264 Resp: 576242
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 20.3 17.2 25.8

