

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125557.D
 Acq On : 22 Sep 2021 13:54
 Operator : JU/CG
 Sample : M3750-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-03-(25-27)

Quant Time: Sep 22 14:28:40 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	206372	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	858777	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	460749	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	798672	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	539665	20.000	ng	0.00
86) Perylene-d12	15.533	264	445425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1151269	88.218	ng	0.00
7) Phenol-d6	6.510	99	1415730	84.139	ng	-0.01
23) Nitrobenzene-d5	7.451	82	847642	62.955	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	409456	90.730	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1716402	64.749	ng	-0.01
79) Terphenyl-d14	13.004	244	1713757	51.280	ng	0.00

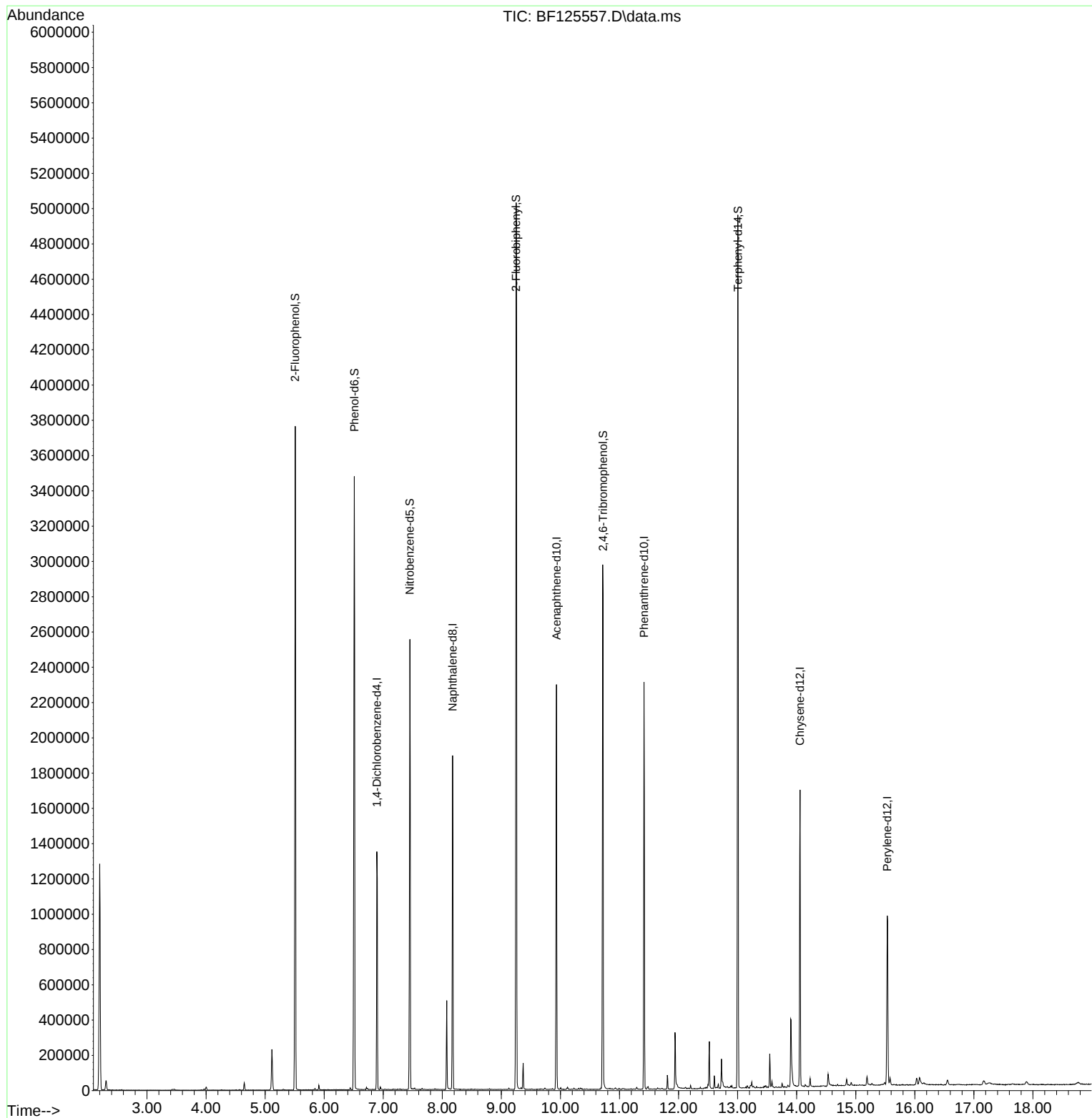
Target Compounds	Qvalue

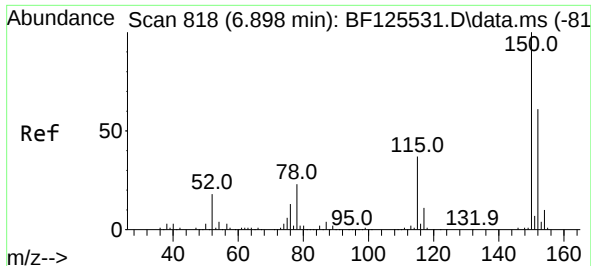
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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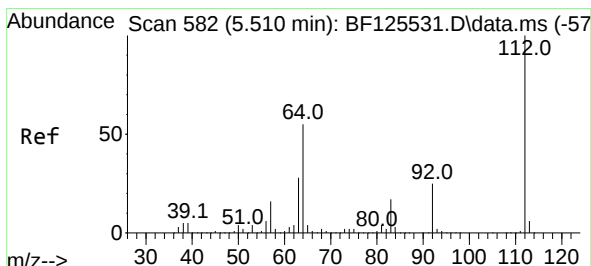
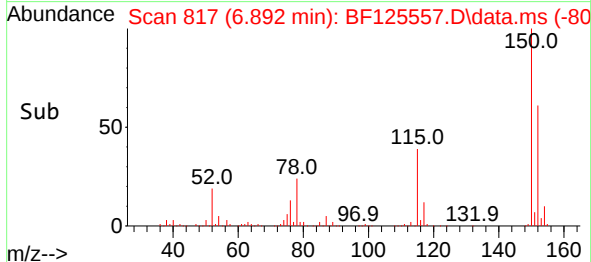
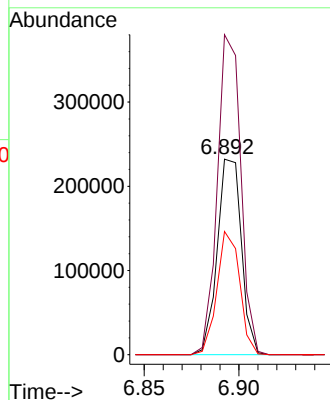
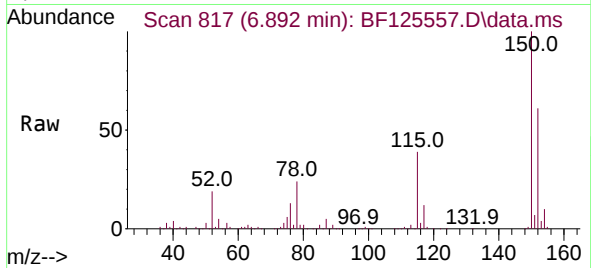




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

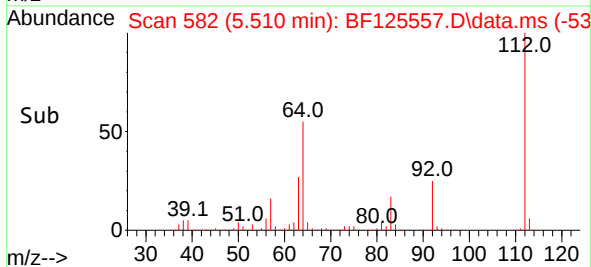
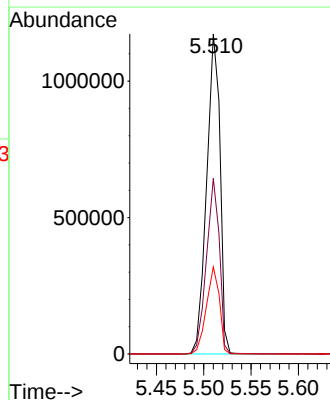
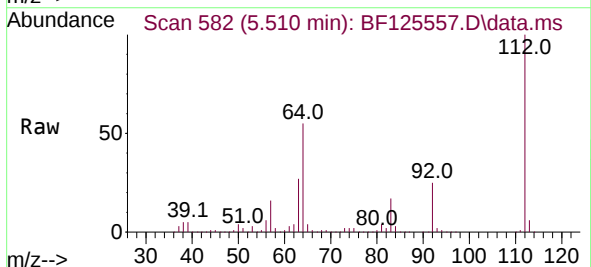
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

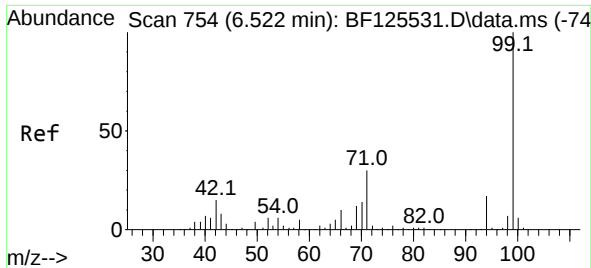
Tgt Ion:152 Resp: 206372
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 88.218 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

Tgt Ion:112 Resp: 1151269
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 27.2 26.2 39.2

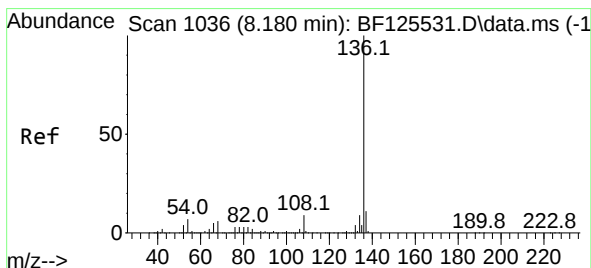
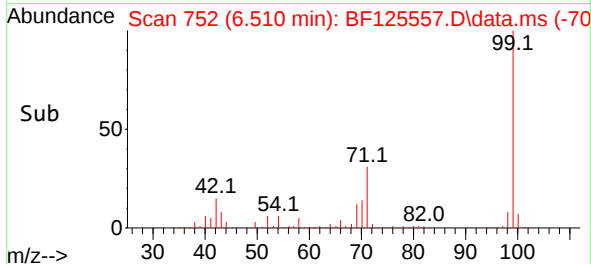
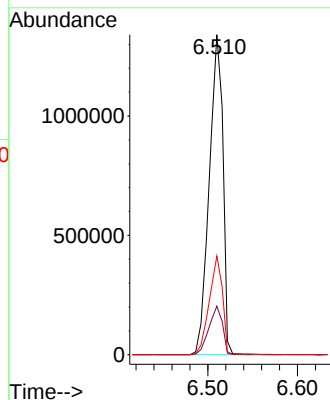
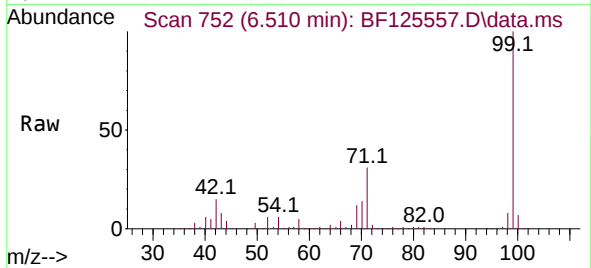




#7
Phenol-d6
Concen: 84.139 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

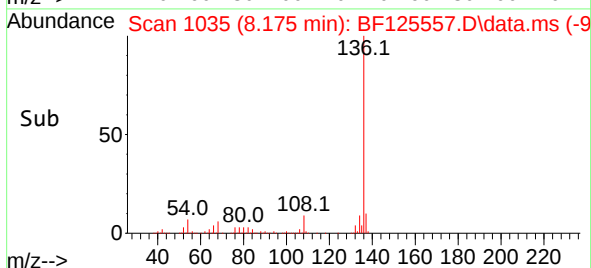
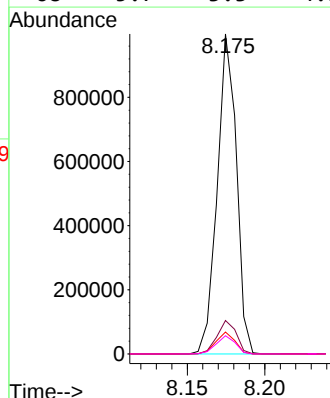
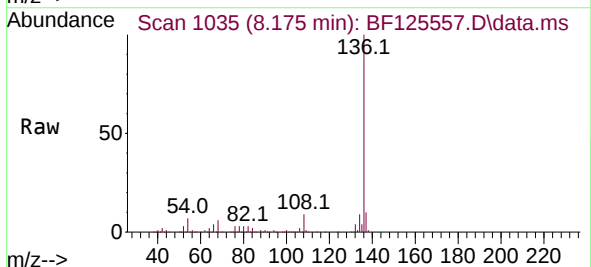
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

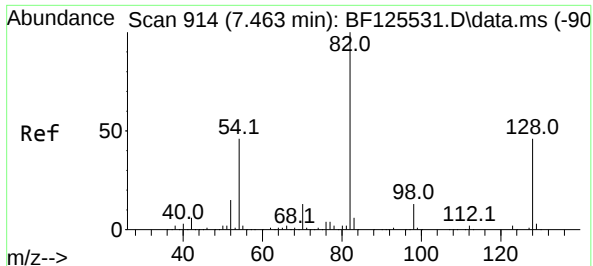
Tgt Ion: 99 Resp: 1415730
Ion Ratio Lower Upper
99 100
42 15.2 23.5 35.3#
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

Tgt Ion: 136 Resp: 858777
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 6.8 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 62.955 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125557.D

Acq: 22 Sep 2021 13:54

Tgt Ion: 82 Resp: 847642

Ion Ratio Lower Upper

82 100

128 46.6 40.6 60.8

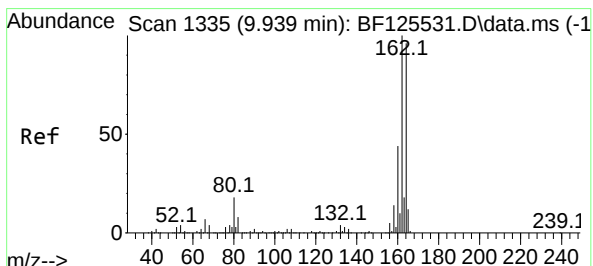
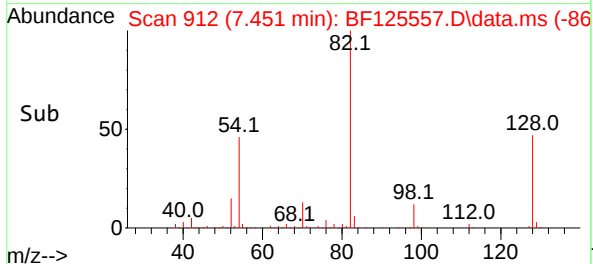
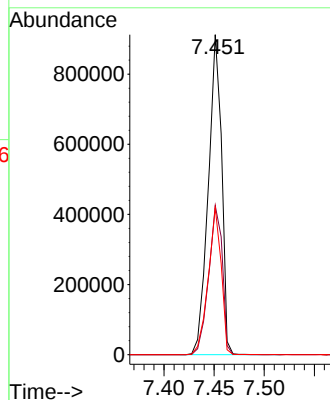
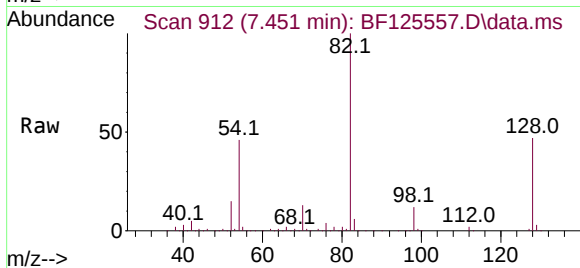
54 46.0 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-03-(25-27)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125557.D

Acq: 22 Sep 2021 13:54

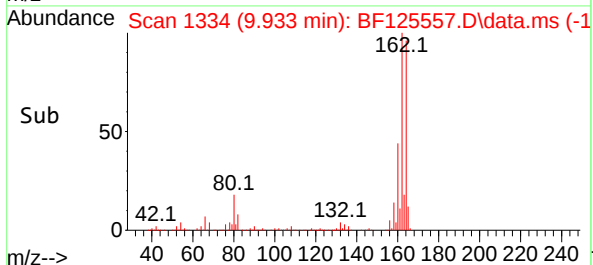
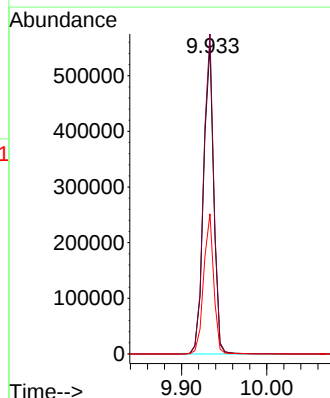
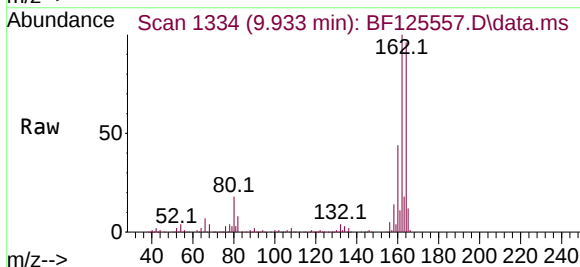
Tgt Ion:164 Resp: 460749

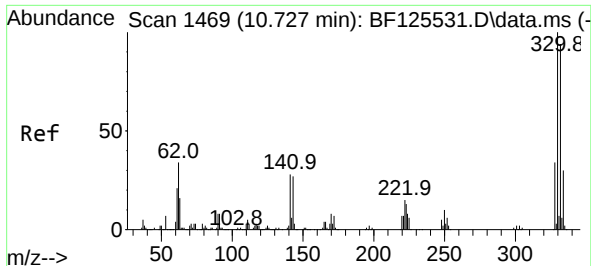
Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

160 45.4 38.0 57.0

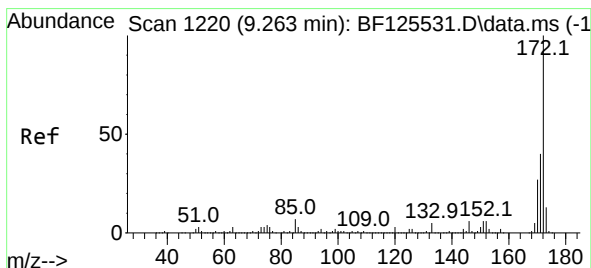
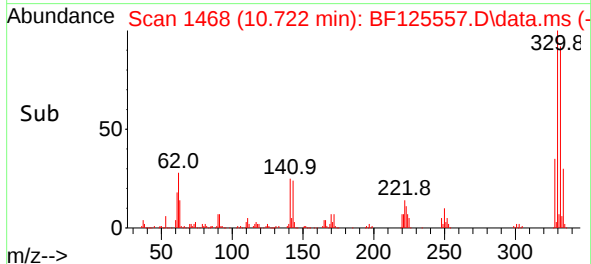
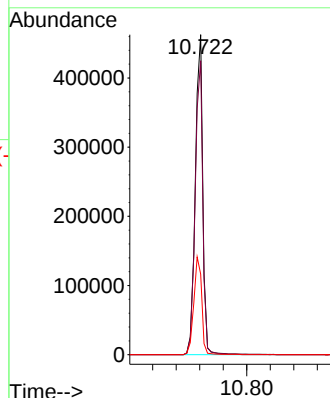
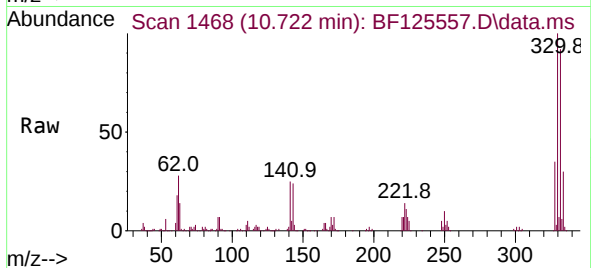




#42
 2,4,6-Tribromophenol
 Concen: 90.730 ng
 RT: 10.722 min Scan# 1468
 Delta R.T. -0.006 min
 Lab File: BF125557.D
 Acq: 22 Sep 2021 13:54

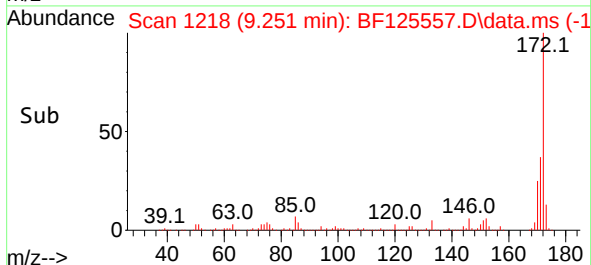
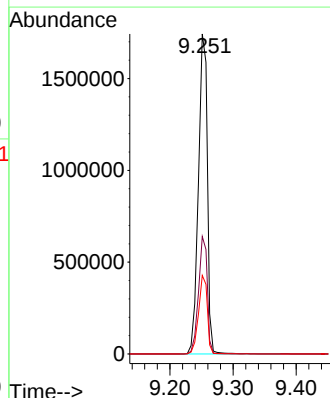
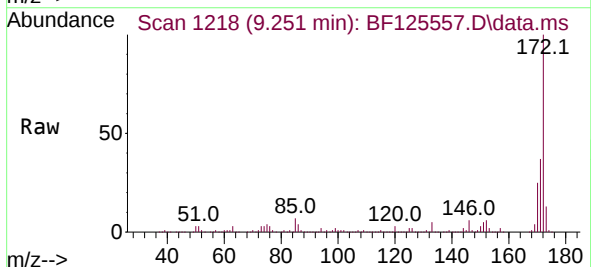
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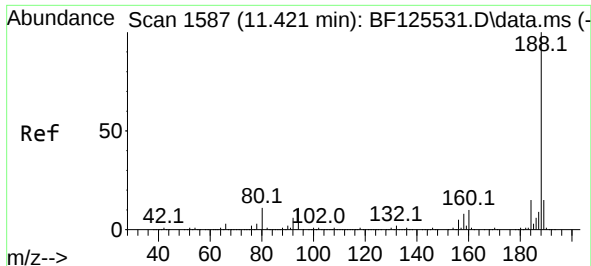
Tgt Ion:330 Resp: 409456
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.2 114.4
 141 32.4 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 64.749 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.012 min
 Lab File: BF125557.D
 Acq: 22 Sep 2021 13:54

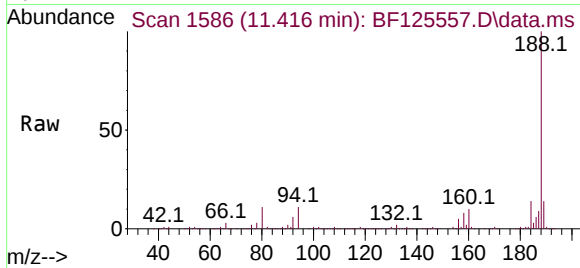
Tgt Ion:172 Resp: 1716402
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.5 39.7
 170 24.6 18.8 28.2



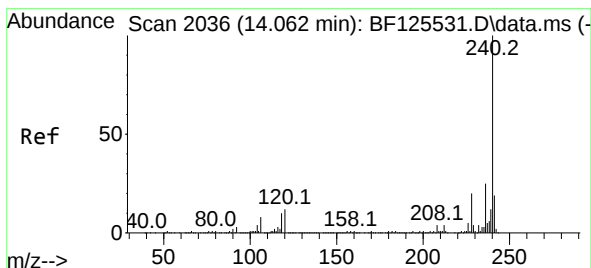
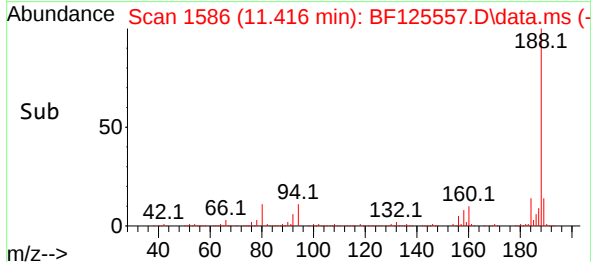
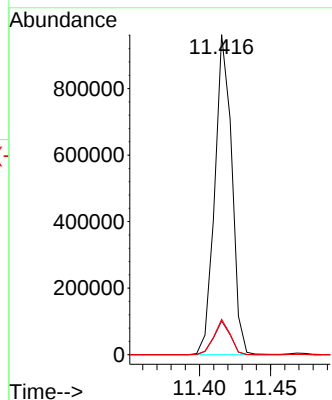


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

Instrument :
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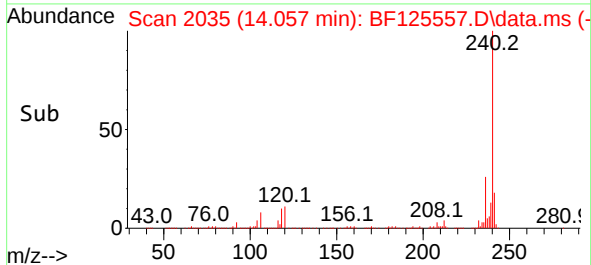
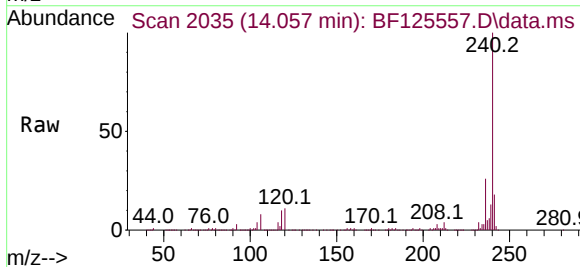
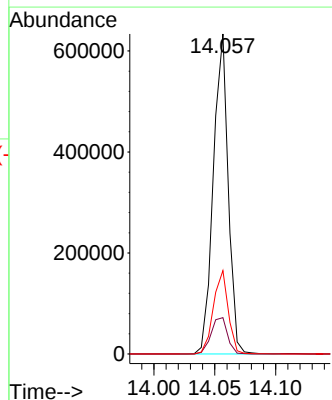


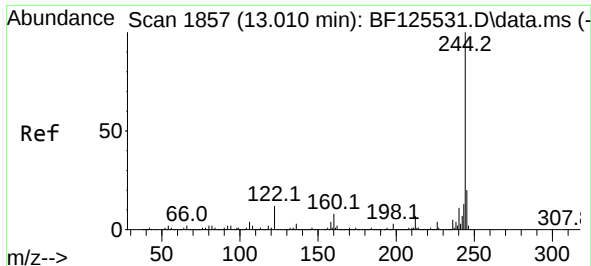
Tgt Ion:188 Resp: 798672
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

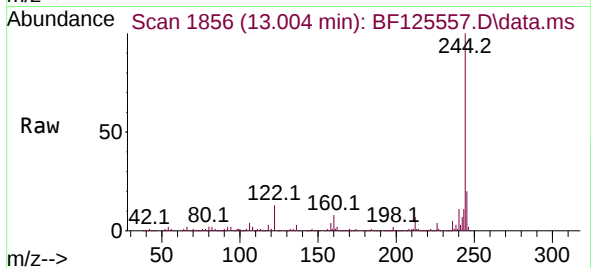
Tgt Ion:240 Resp: 539665
Ion Ratio Lower Upper
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120 11.3 10.8 16.2
236 26.1 21.6 32.4



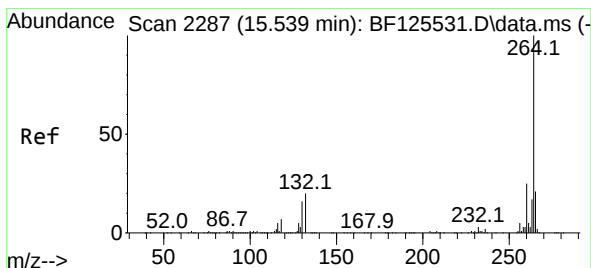
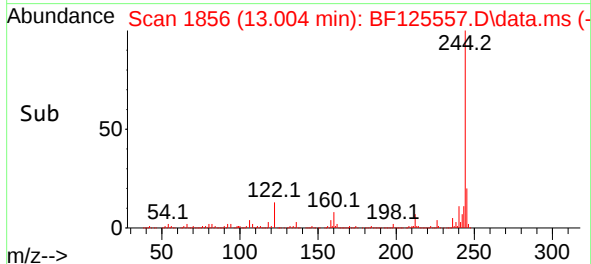
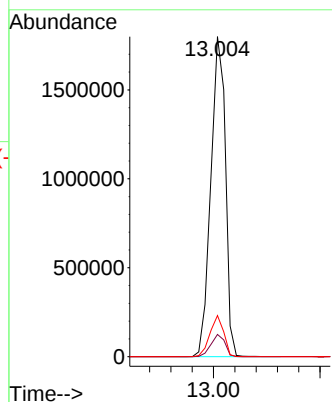


#79
Terphenyl-d14
Concen: 51.280 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

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Tgt Ion:244 Resp: 1713757
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 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: BF125557.D
Acq: 22 Sep 2021 13:54

Tgt Ion:264 Resp: 445425
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 20.6 17.2 25.8

