

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)

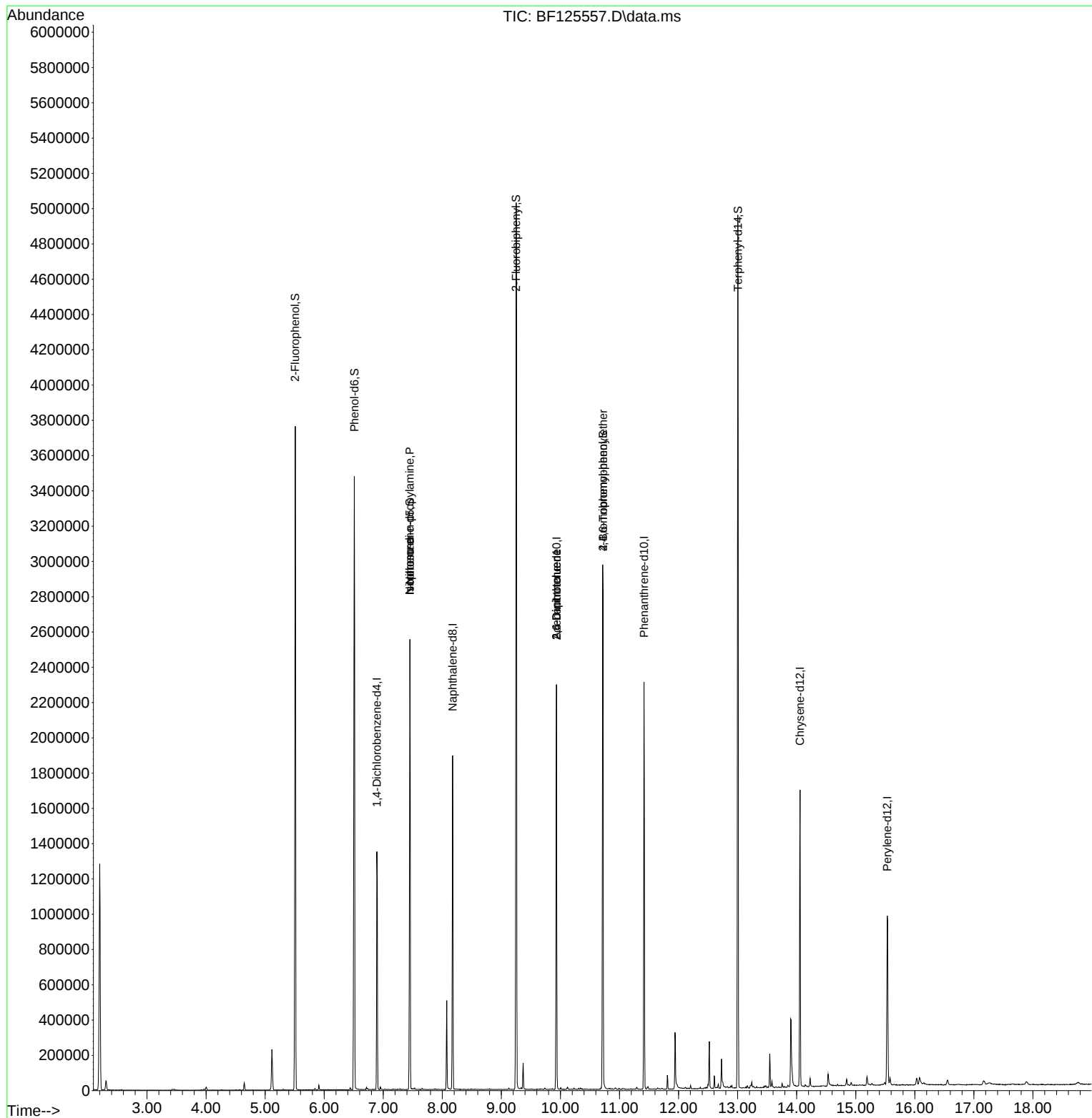
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	206372	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	858777	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	460749	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	798672	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	539665	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.439	77	166	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.451	70	106080	10.534	ng	# 53
25) Isophorone	7.451	82	846590	29.218	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	58727	9.309	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	58727	7.768	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	22755	2.493	ng	# 1

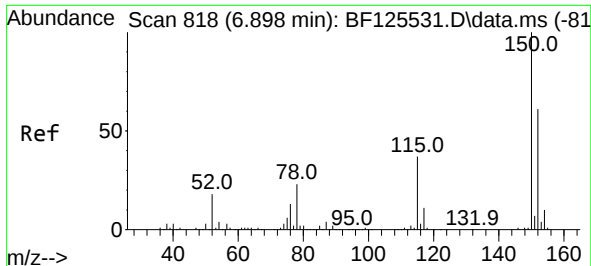
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 21 19:21:36 2021
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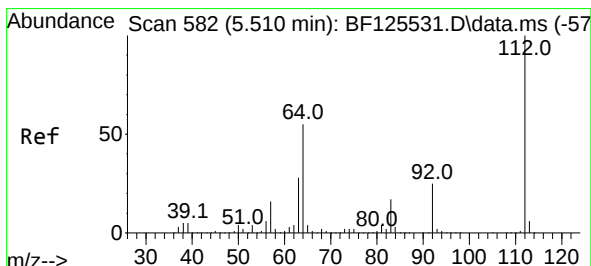
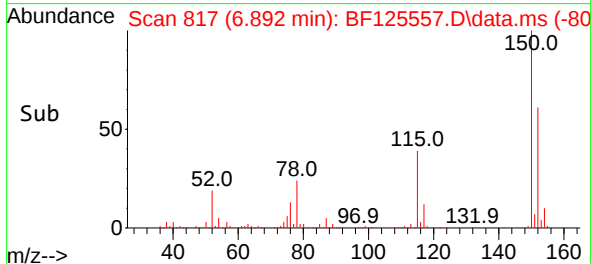
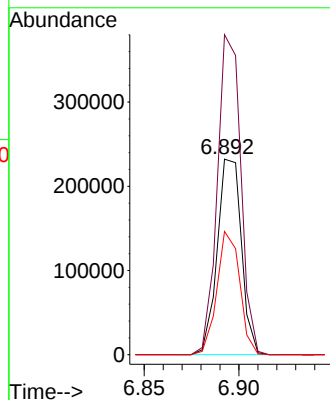
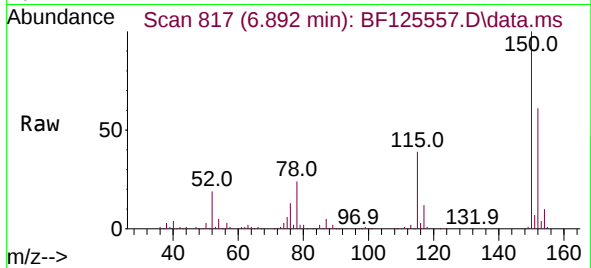




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

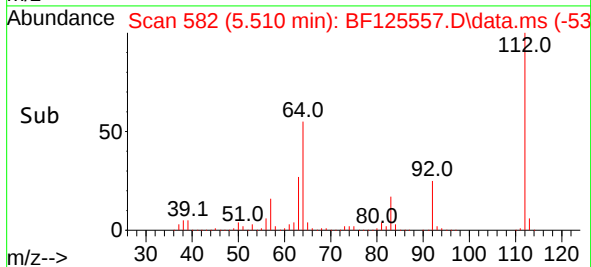
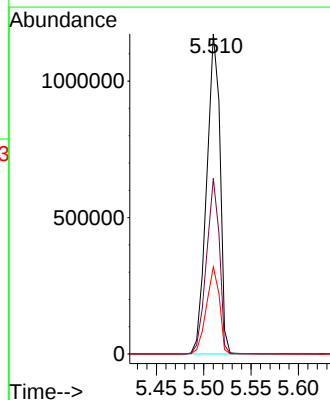
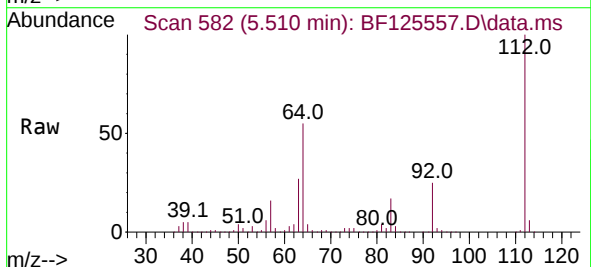
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

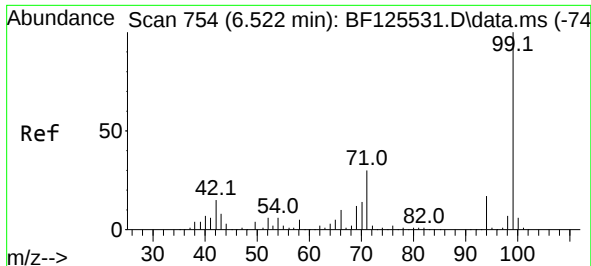
Tgt Ion:152 Resp: 206372
Ion Ratio Lower Upper
152 100
150 163.6 117.6 176.4
115 63.0 47.1 70.7



#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

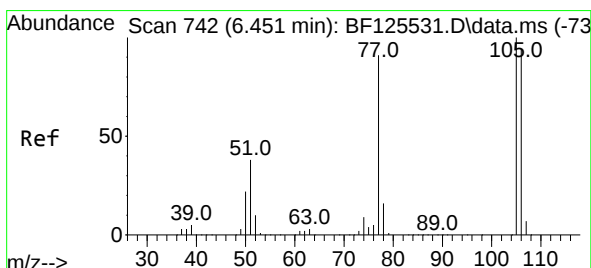
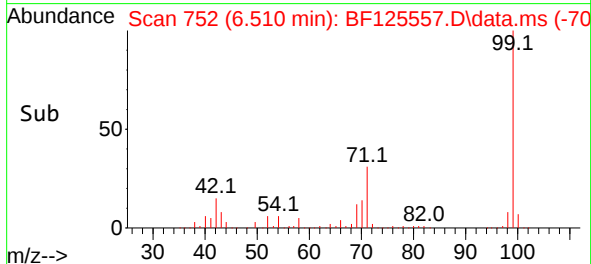
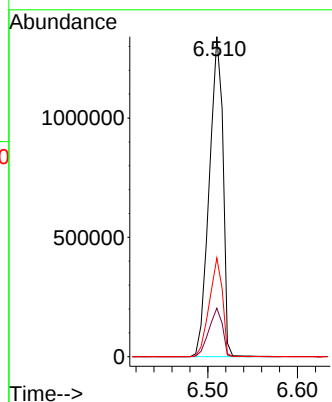
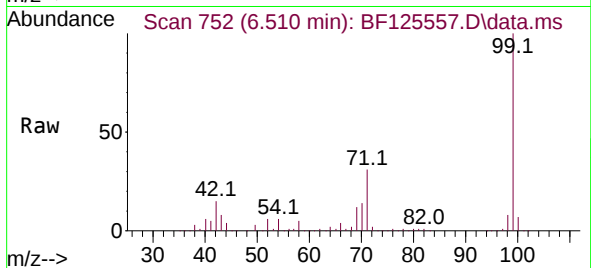




#7
Phenol-d6
Concen: 84.139 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

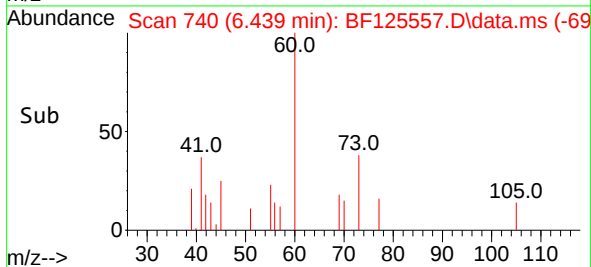
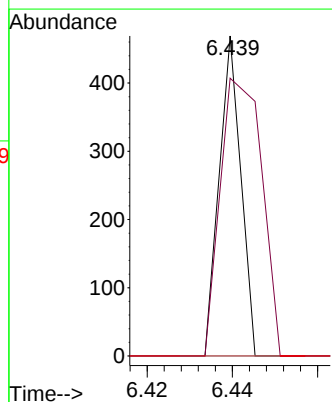
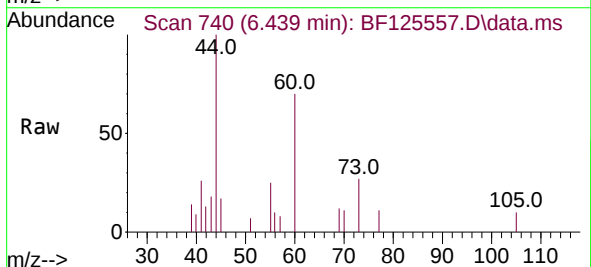
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

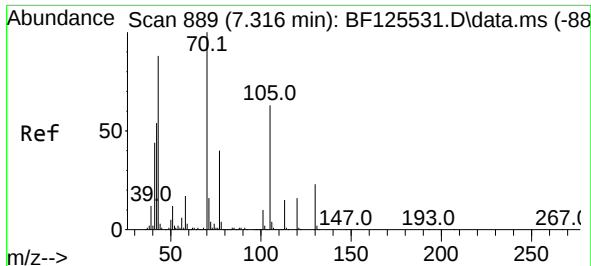
Tgt Ion: 99 Resp: 1415730
Ion Ratio Lower Upper
99 100
42 15.2 23.5 35.3#
71 30.8 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

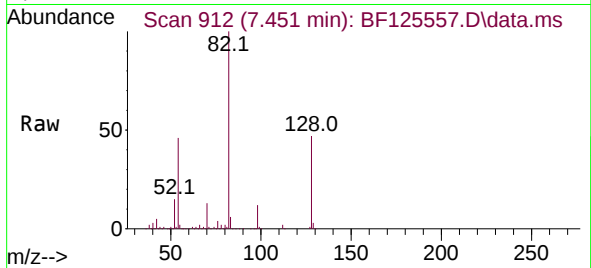
Tgt Ion: 77 Resp: 166
Ion Ratio Lower Upper
77 100
105 86.8 75.9 115.9
106 0.0 84.0 124.0#



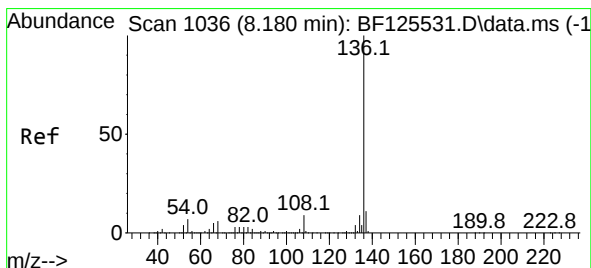
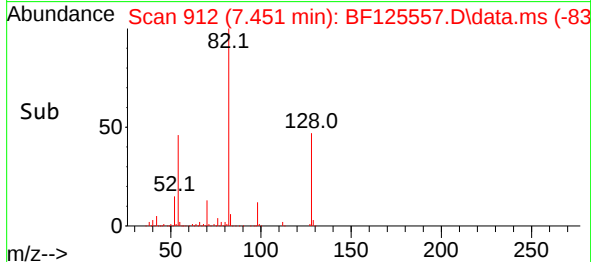
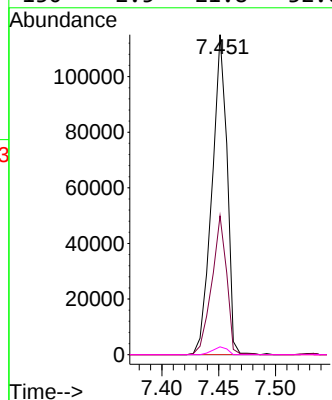


#19
n-Nitroso-di-n-propylamine
Concen: 10.534 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

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

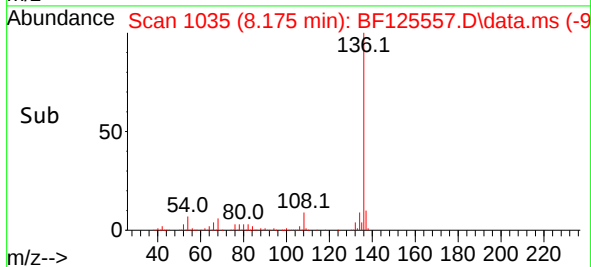
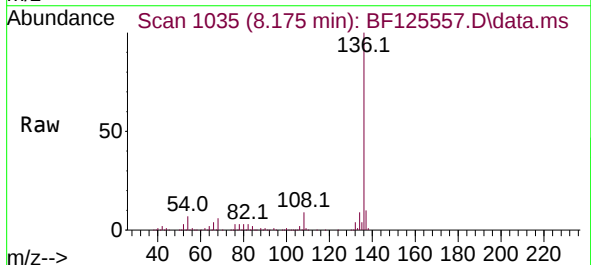
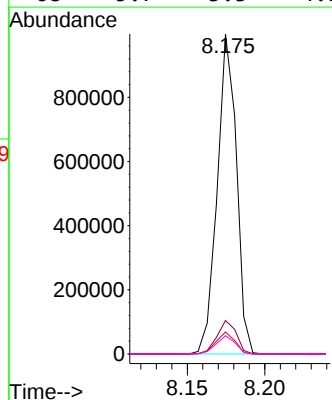


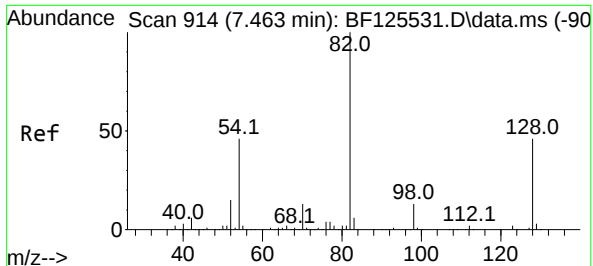
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.5	21.8	32.6#



#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	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#

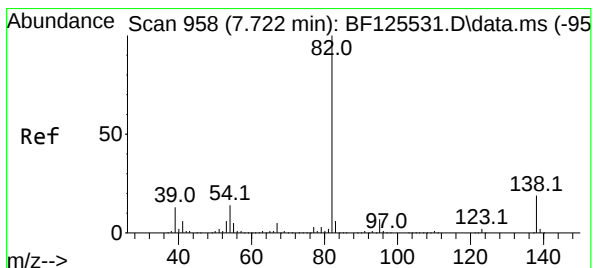
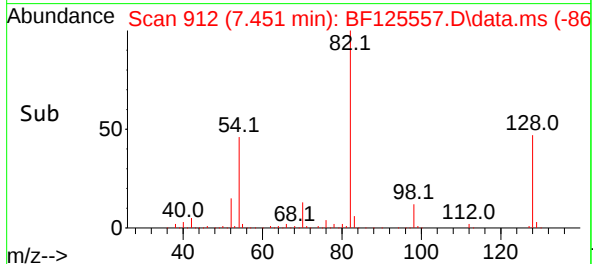
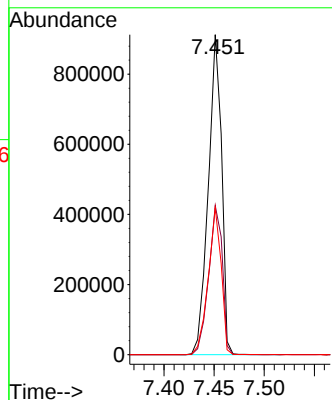
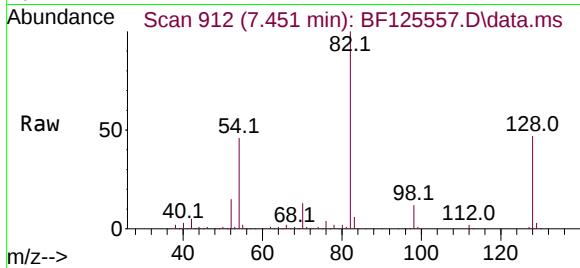




#23
Nitrobenzene-d5
Concen: 62.955 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

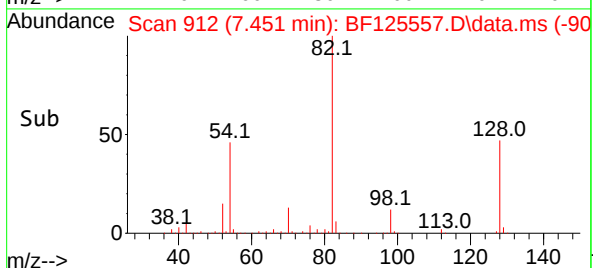
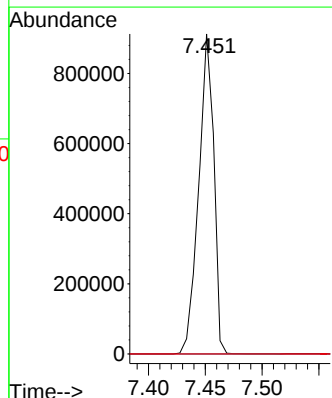
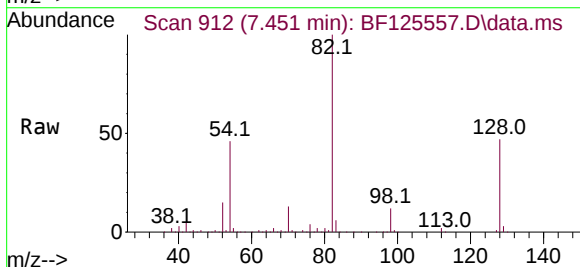
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

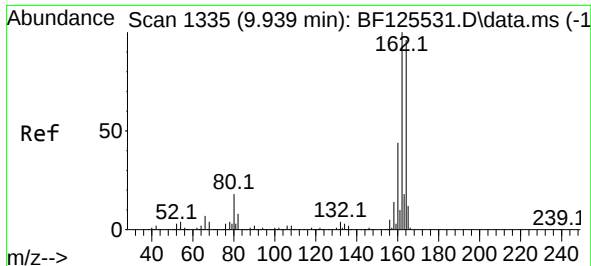
Tgt Ion: 82 Resp: 847642
Ion Ratio Lower Upper
82 100
128 46.6 40.6 60.8
54 46.0 49.6 74.4#



#25
Isophorone
Concen: 29.218 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

Tgt Ion: 82 Resp: 846590
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#





#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

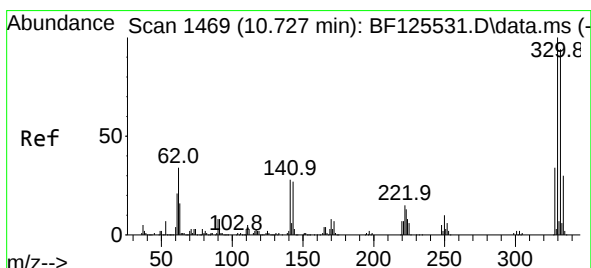
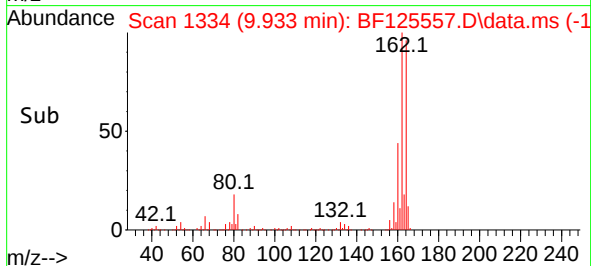
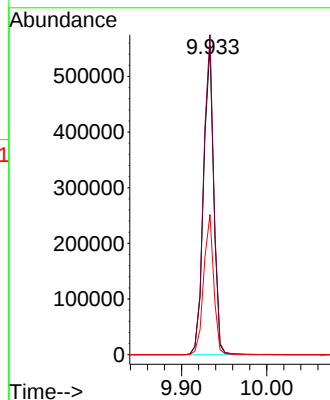
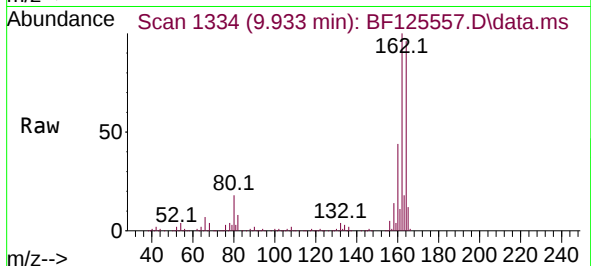
160 45.4 38.0 57.0

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-03-(25-27)



#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

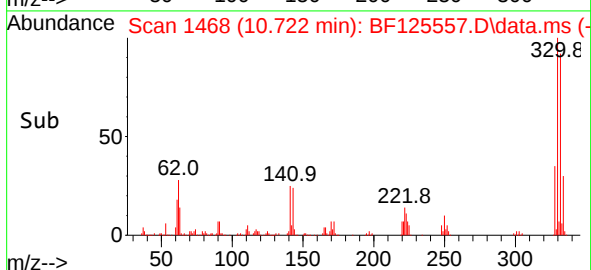
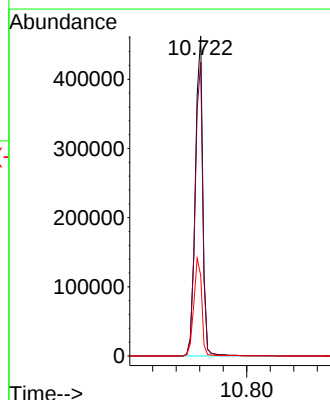
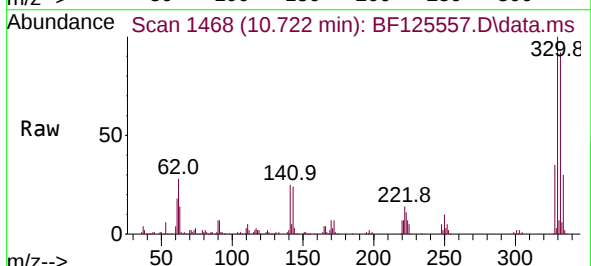
Tgt Ion:330 Resp: 409456

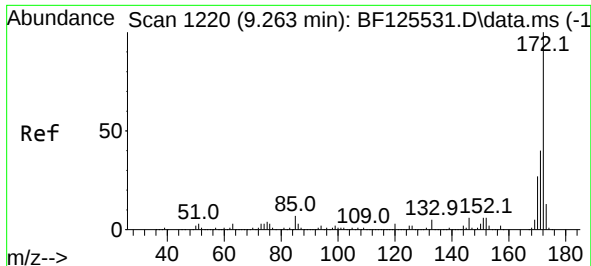
Ion Ratio Lower Upper

330 100

332 93.9 76.2 114.4

141 32.4 44.6 66.8#

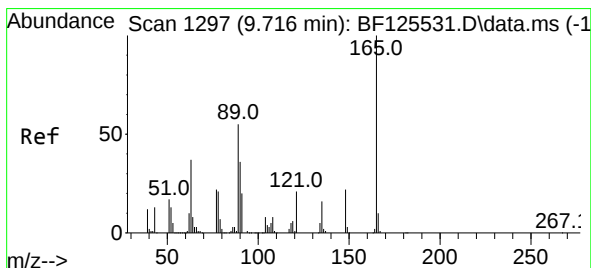
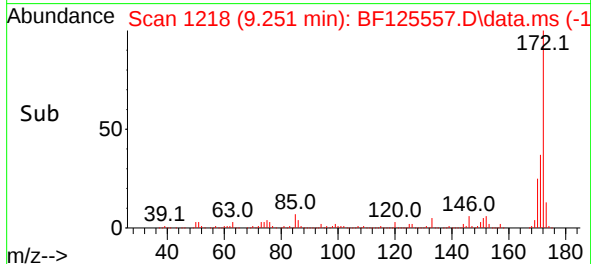
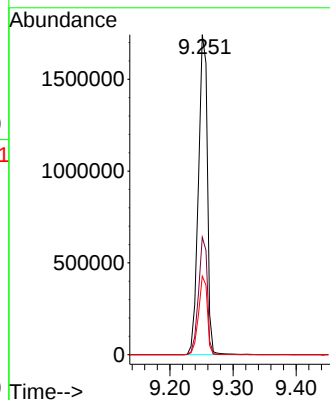
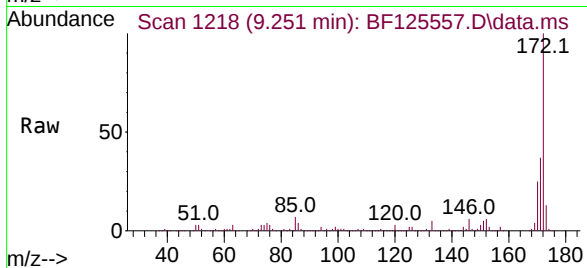




#45
2-Fluorobiphenyl
Concen: 64.749 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

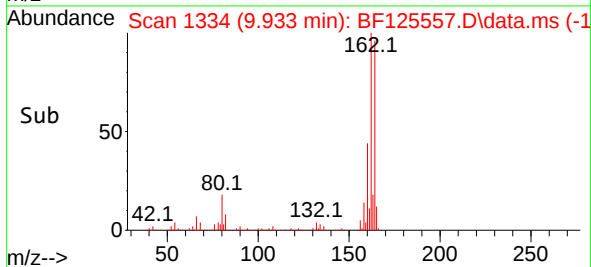
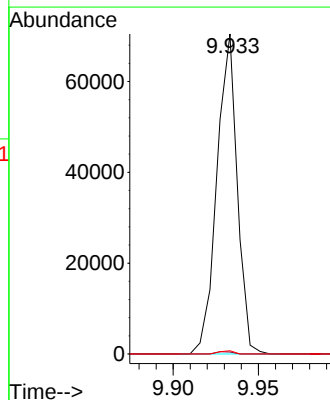
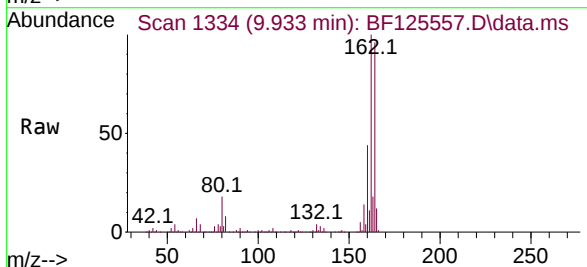
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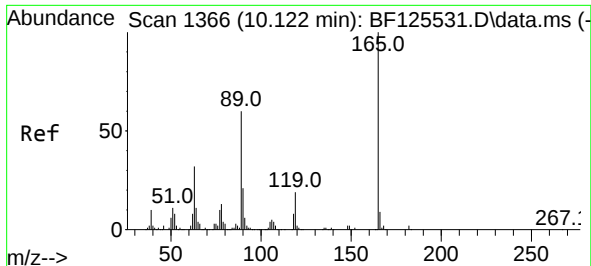
Tgt Ion:172 Resp: 1716402
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.6 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.309 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

Tgt Ion:165 Resp: 58727
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 1.0 40.6 60.8#

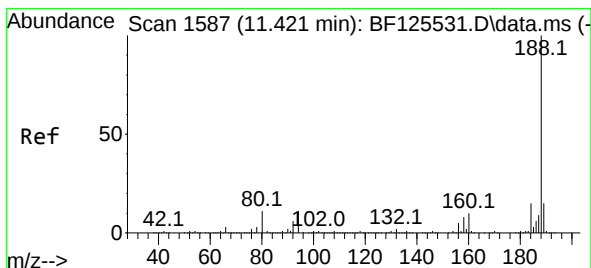
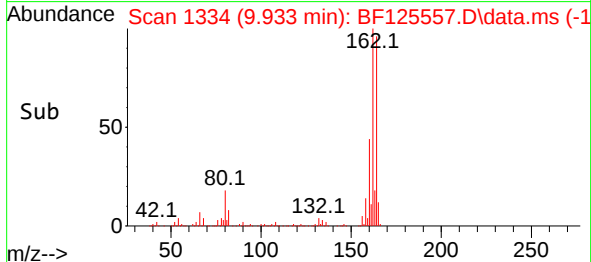
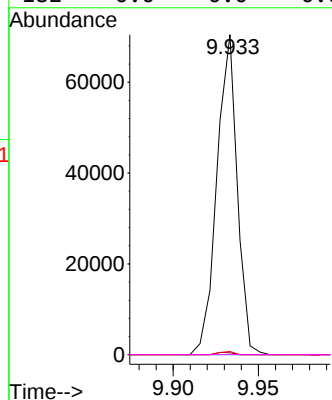
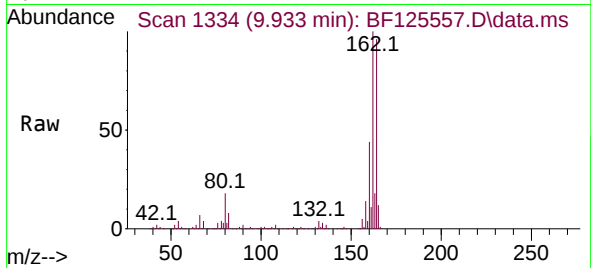




#57
2,4-Dinitrotoluene
Concen: 7.768 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

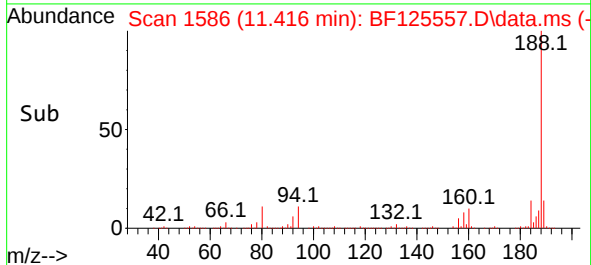
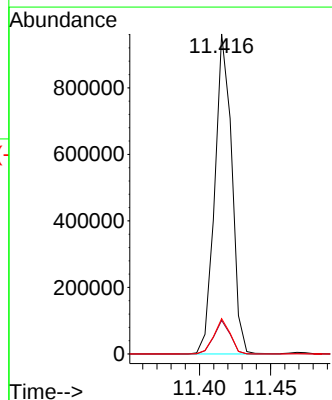
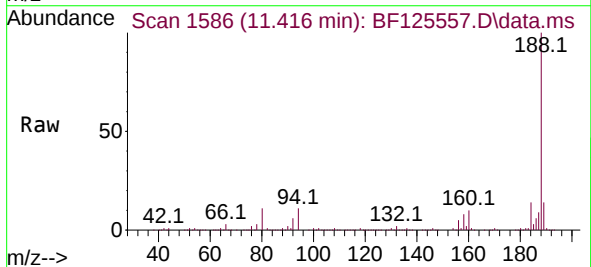
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

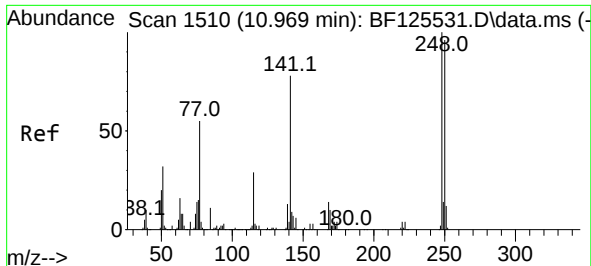
Tgt Ion:165 Resp: 58727
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#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

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

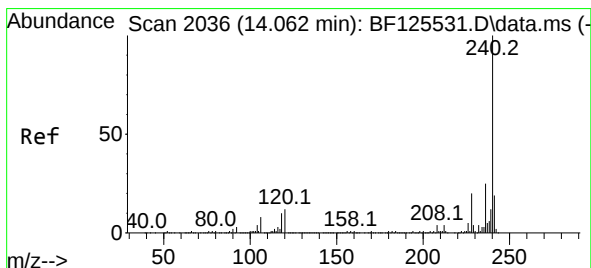
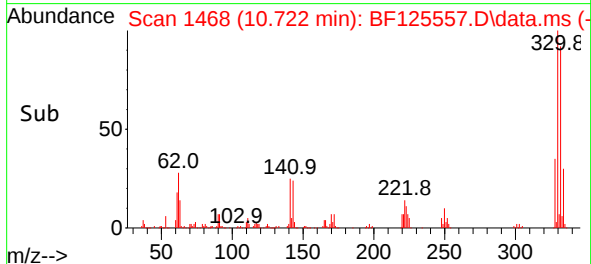
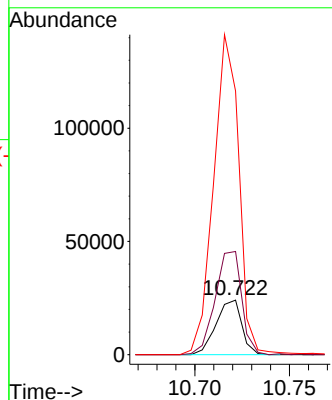
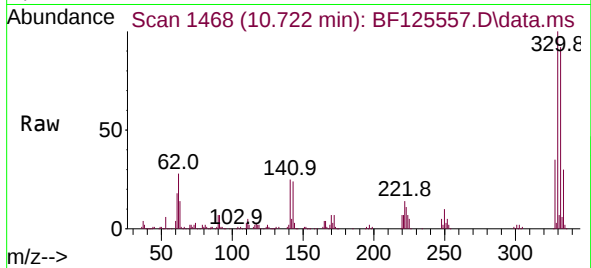




#67
4-Bromophenyl-phenylether
Concen: 2.493 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

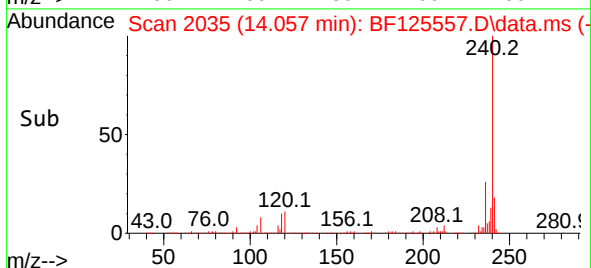
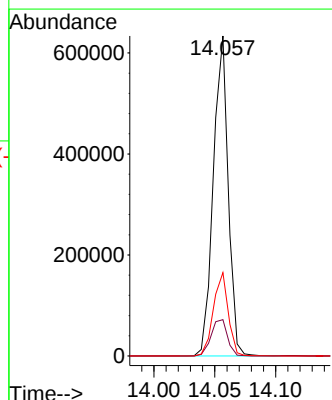
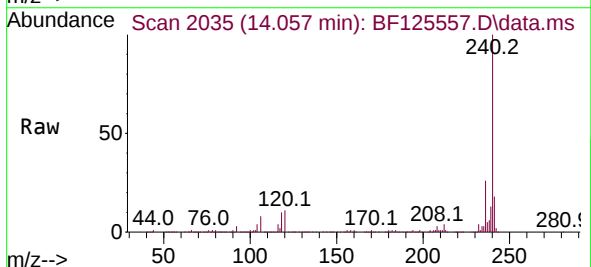
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(25-27)

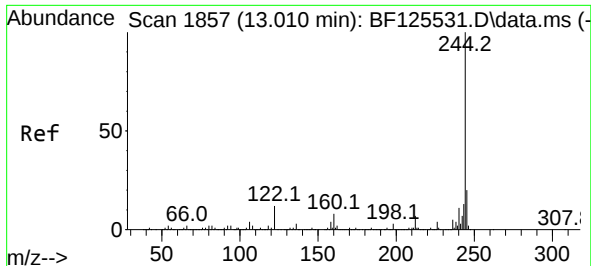
Tgt Ion:248 Resp: 22755
Ion Ratio Lower Upper
248 100
250 189.1 74.2 111.4#
141 483.1 60.4 90.6#



#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
240 100
120 11.3 10.8 16.2
236 26.1 21.6 32.4

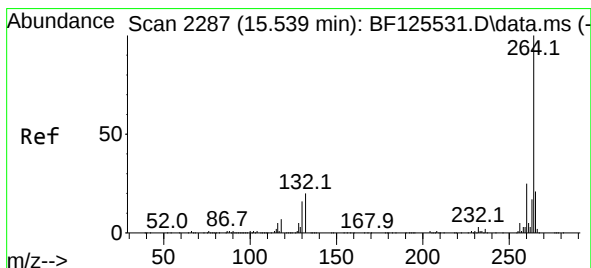
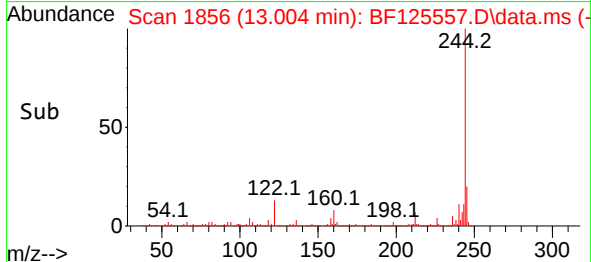
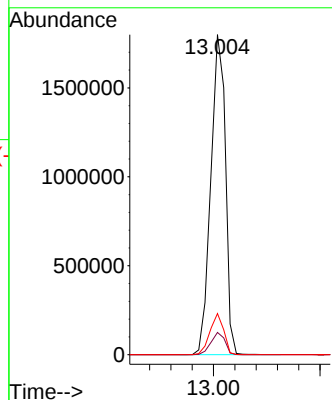
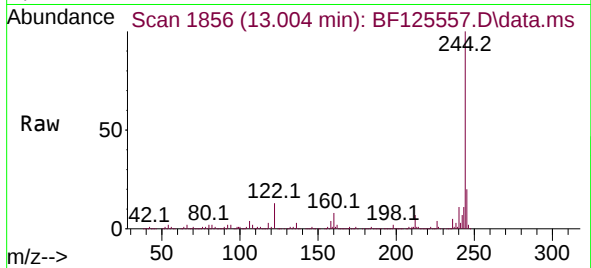




#79
Terphenyl-d14
Concen: 51.280 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125557.D
Acq: 22 Sep 2021 13:54

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

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

