

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125564.D
 Acq On : 22 Sep 2021 17:55
 Operator : JU/CG
 Sample : M3750-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NAPL-AREA-04-(8-10)-END-POINT

Quant Time: Sep 22 18:32:41 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)

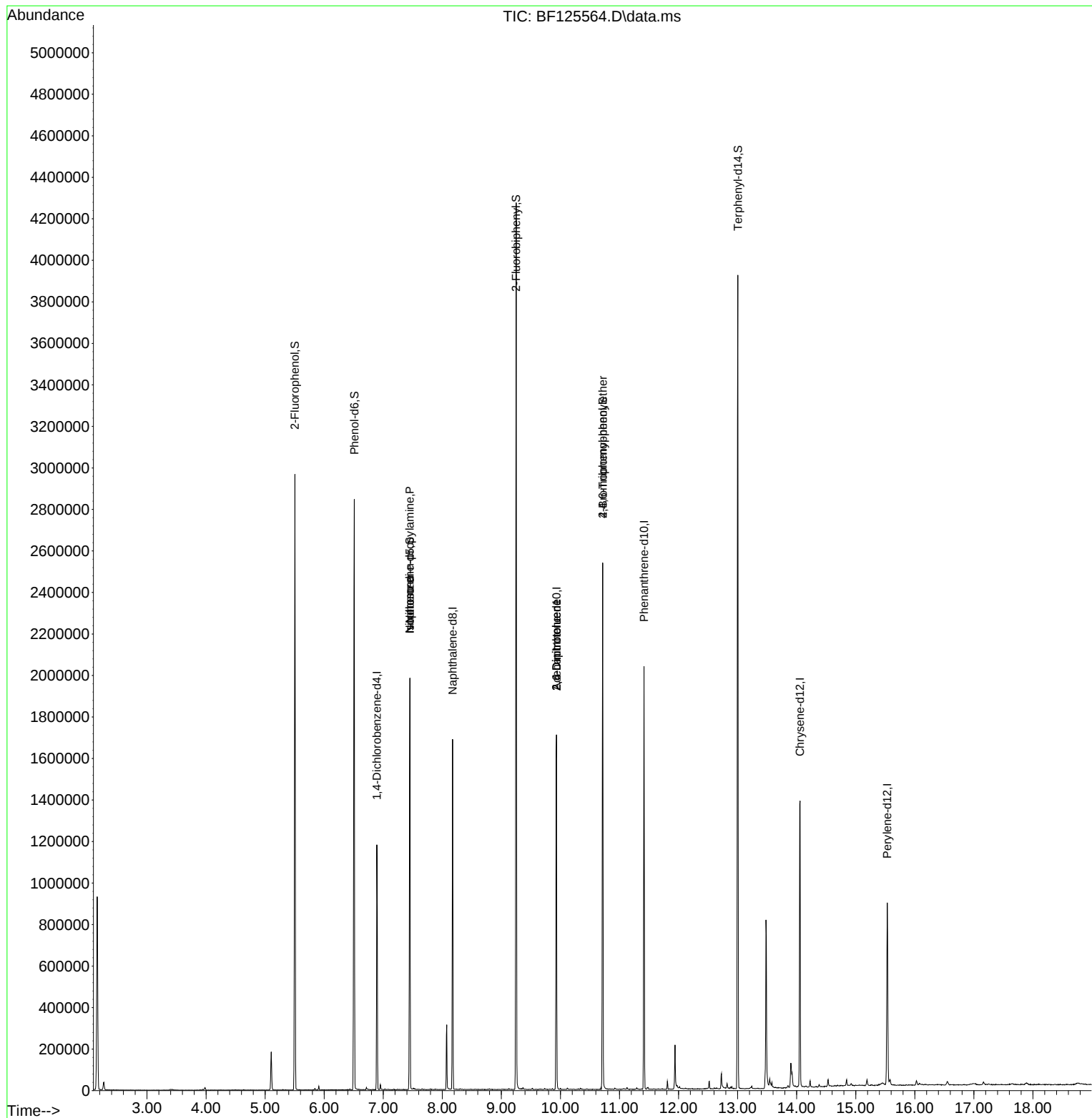
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	165723	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	695732	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	371929	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	655205	20.000	ng	0.00
76) Chrysene-d12	14.057	240	482389	20.000	ng	0.00
86) Perylene-d12	15.533	264	392480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	844067	80.542	ng	0.00
7) Phenol-d6	6.510	99	1027999	76.081	ng	-0.01
23) Nitrobenzene-d5	7.451	82	601506	55.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	294538	80.852	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1253320	57.327	ng	-0.01
79) Terphenyl-d14	13.004	244	1327988	44.455	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1388	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	74929	9.265	ng	# 52
25) Isophorone	7.451	82	600946	25.601	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	45642	8.962	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	45642	7.479	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	17829	2.381	ng	# 1

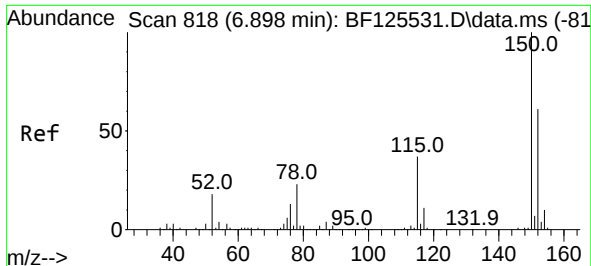
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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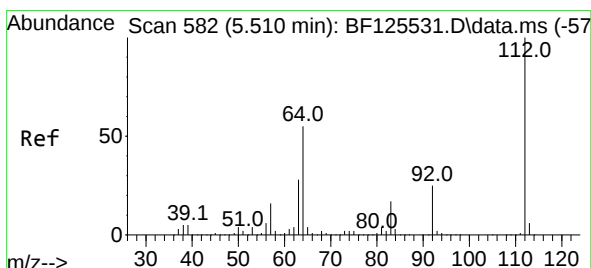
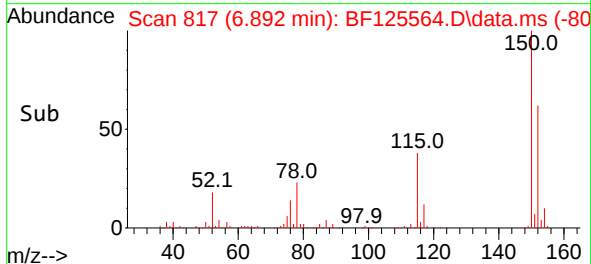
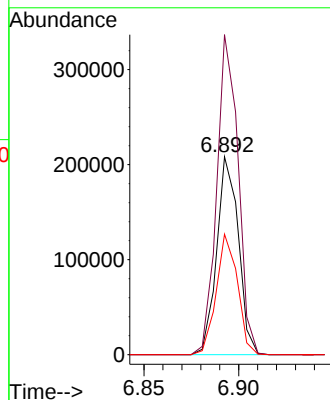
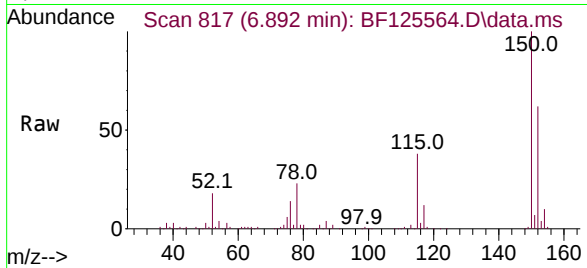




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

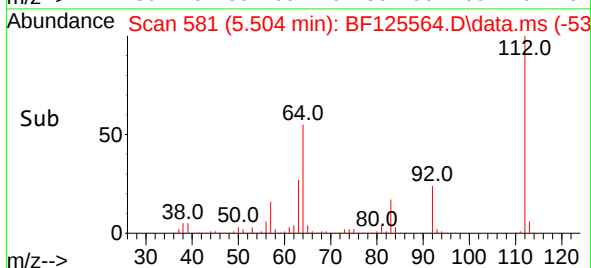
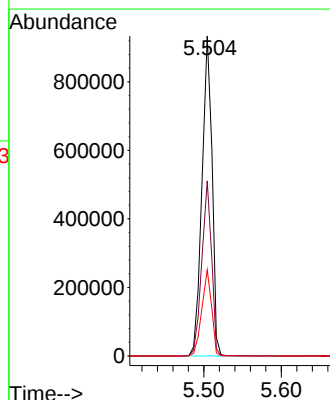
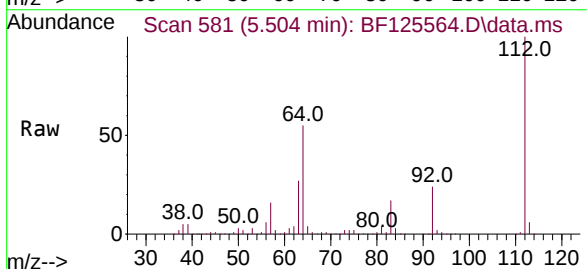
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

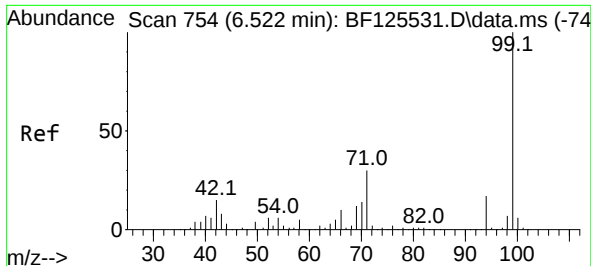
Tgt Ion:152 Resp: 165723
Ion Ratio Lower Upper
152 100
150 161.7 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 80.542 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:112 Resp: 844067
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 26.9 26.2 39.2

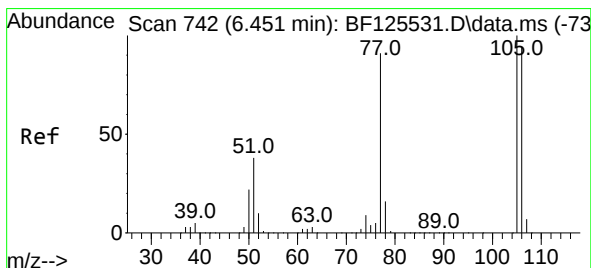
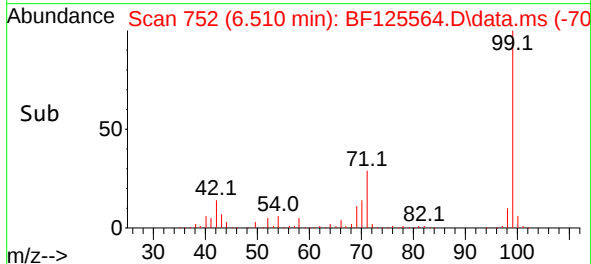
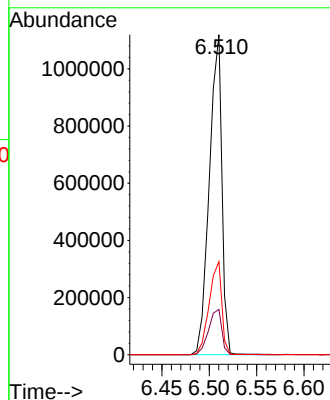
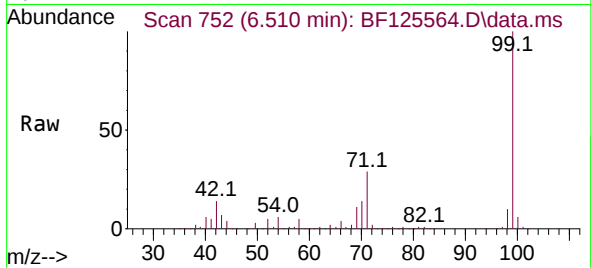




#7
Phenol-d6
Concen: 76.081 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

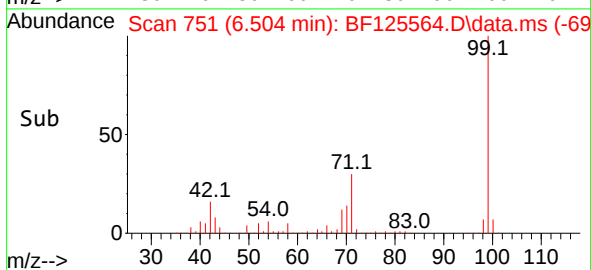
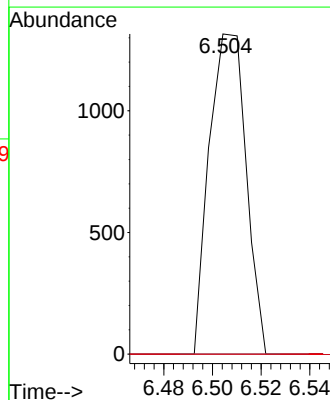
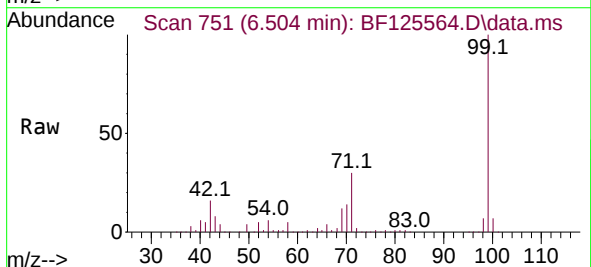
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

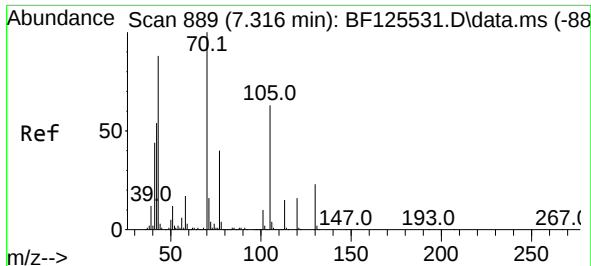
Tgt Ion: 99 Resp: 1027999
Ion Ratio Lower Upper
99 100
42 14.2 23.5 35.3#
71 29.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.053 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

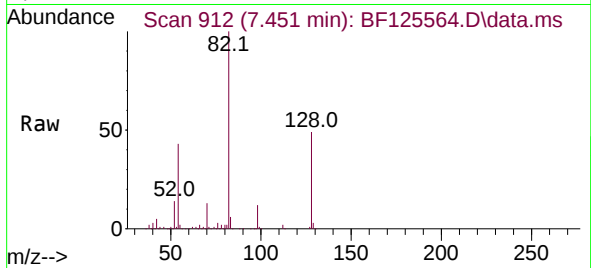
Tgt Ion: 77 Resp: 1388
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



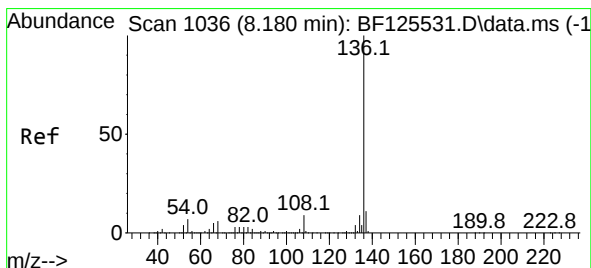
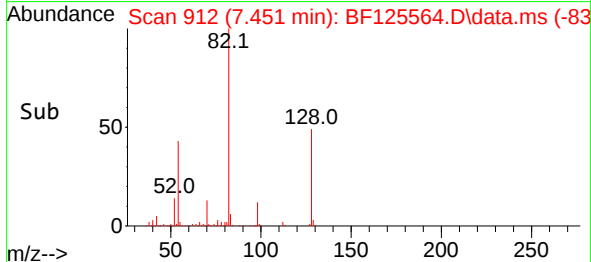
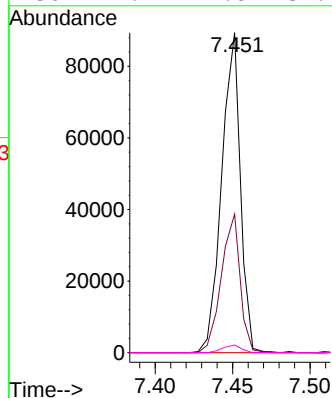


#19
n-Nitroso-di-n-propylamine
Concen: 9.265 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

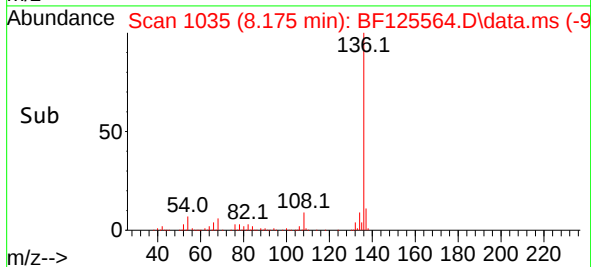
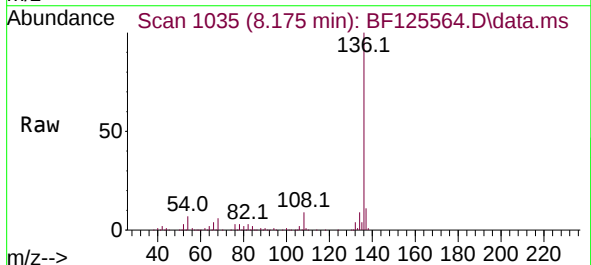
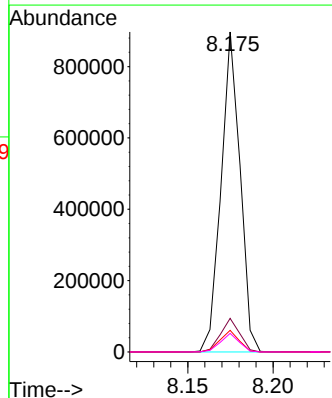


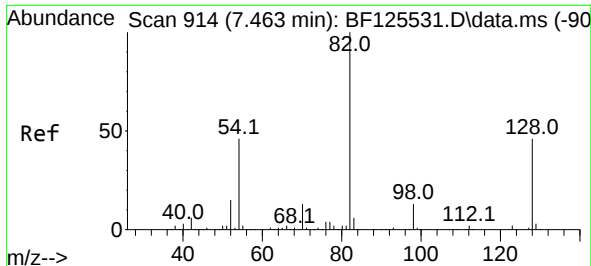
Tgt Ion: 70	Resp: 74929
Ion Ratio	Lower Upper
70	100
42	43.3 72.2 108.2#
101	0.0 7.8 11.8#
130	2.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion: 136	Resp: 695732
Ion Ratio	Lower Upper
136	100
137	10.5 9.8 14.6
54	6.7 6.4 9.6
68	5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 55.144 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125564.D

Acq: 22 Sep 2021 17:55

Tgt Ion: 82 Resp: 601506

Ion Ratio Lower Upper

82 100

128 49.4 40.6 60.8

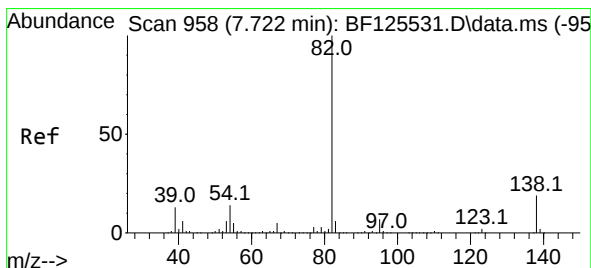
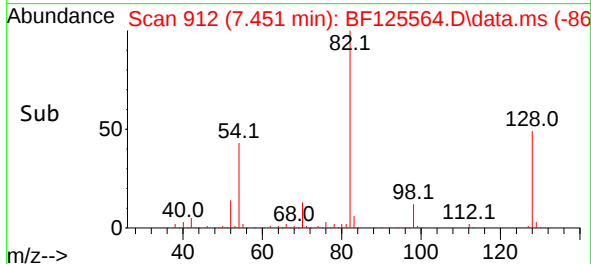
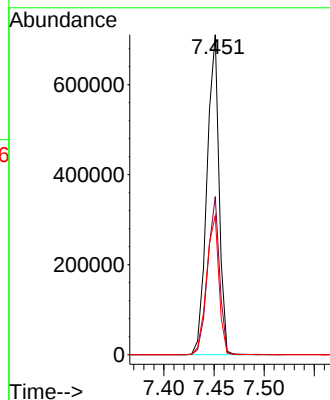
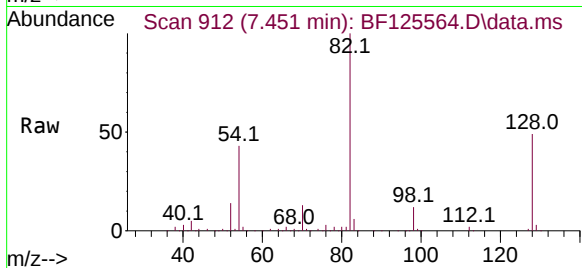
54 43.4 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

NAPL-AREA-04-(8-10)-END-POINT



#25

Isophorone

Concen: 25.601 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.270 min

Lab File: BF125564.D

Acq: 22 Sep 2021 17:55

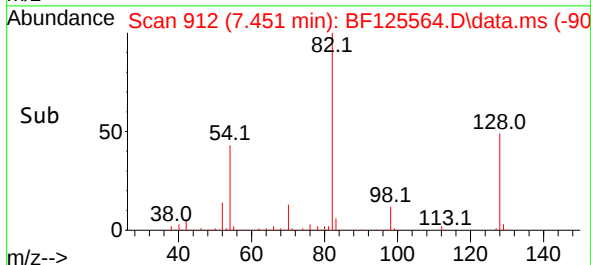
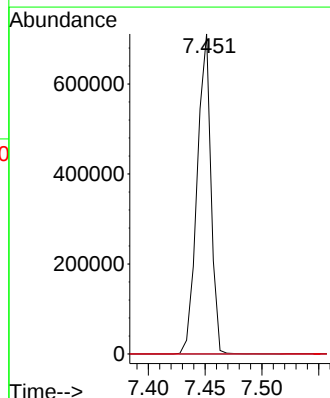
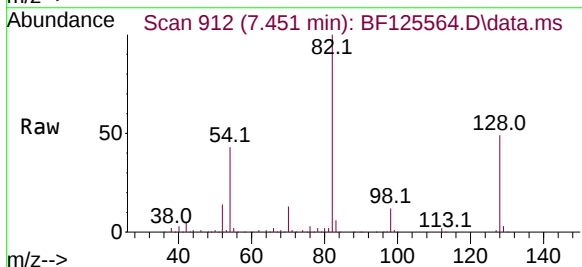
Tgt Ion: 82 Resp: 600946

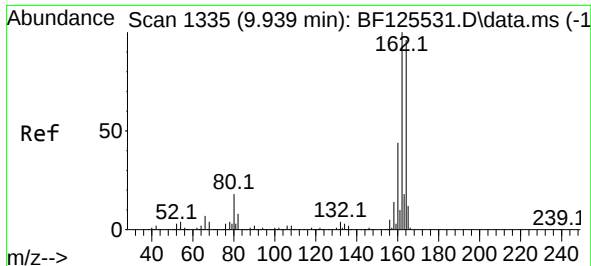
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

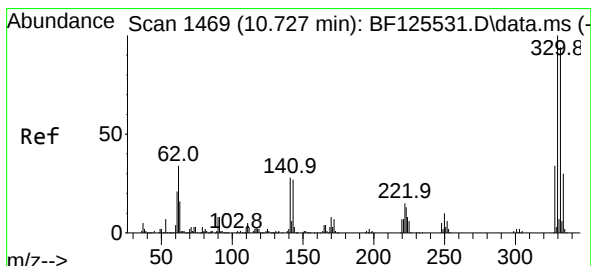
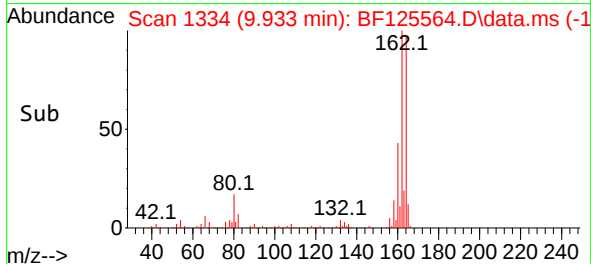
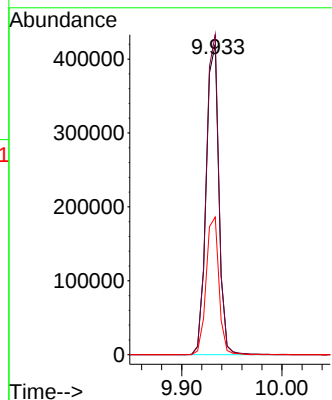
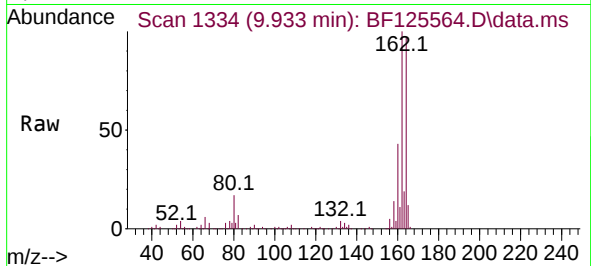




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

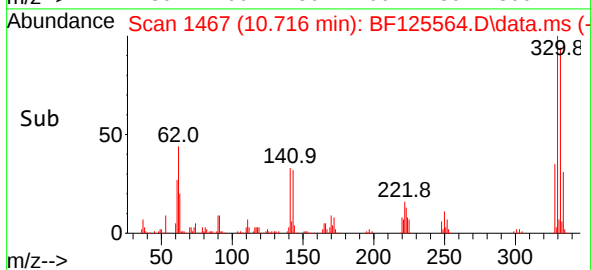
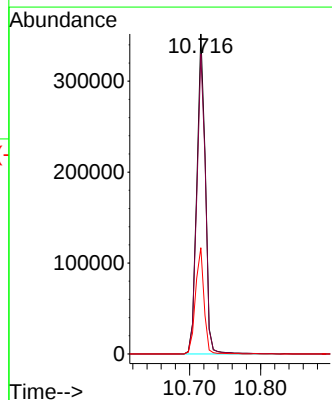
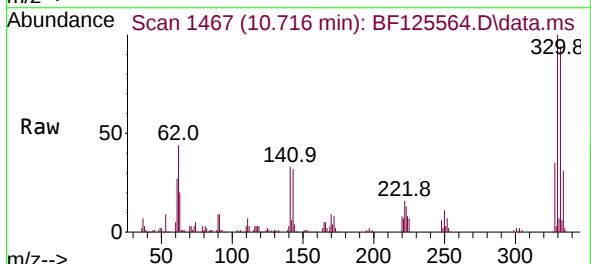
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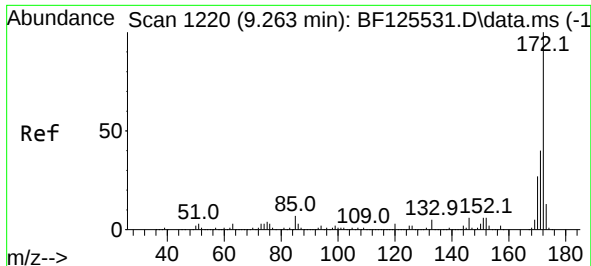
Tgt Ion:164 Resp: 371929
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 80.852 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:330 Resp: 294538
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 33.2 44.6 66.8#

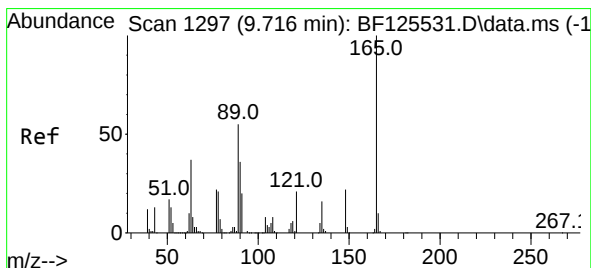
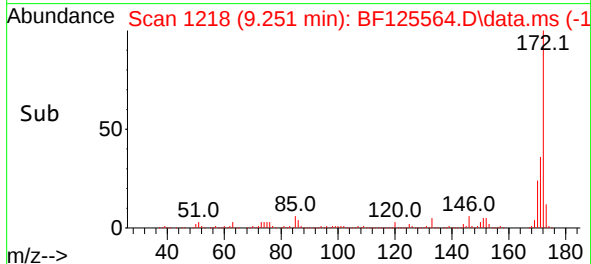
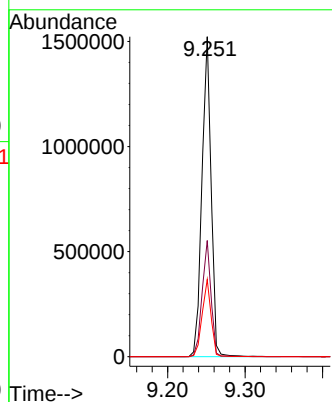
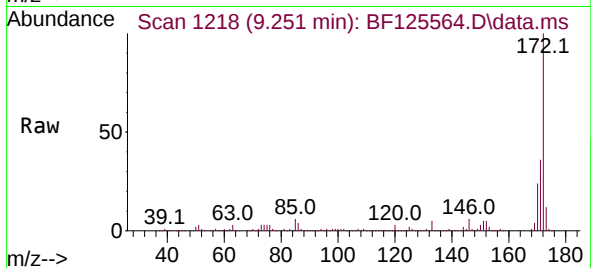




#45
2-Fluorobiphenyl
Concen: 57.327 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

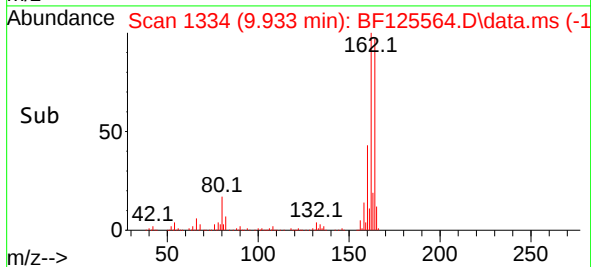
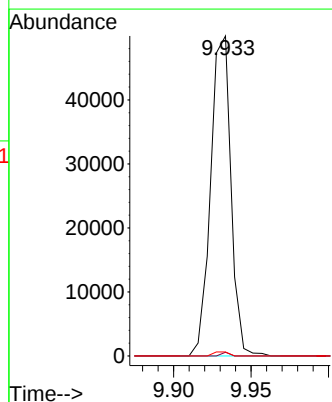
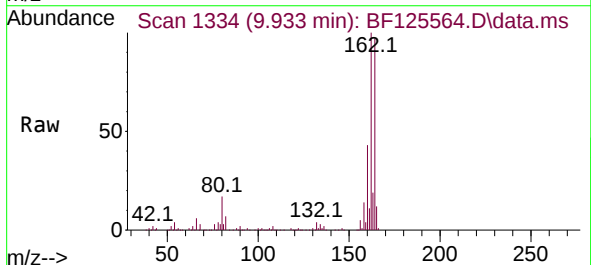
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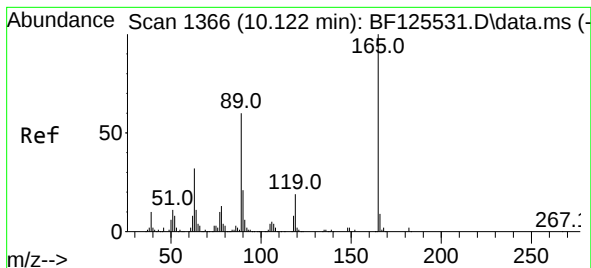
Tgt Ion:172 Resp: 1253320
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.962 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:165 Resp: 45642
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.3 40.6 60.8#

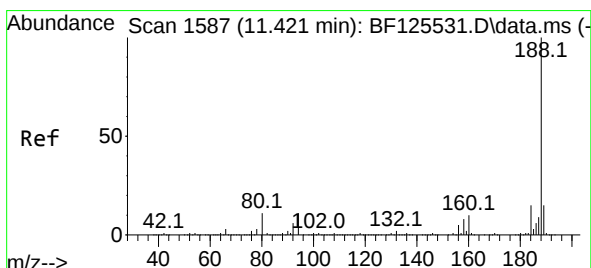
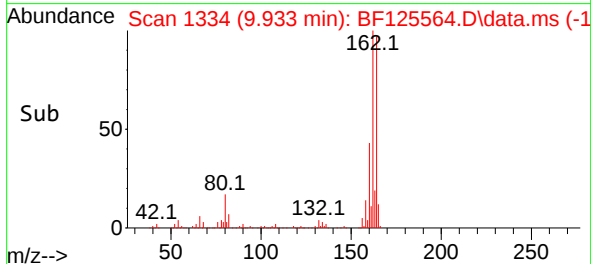
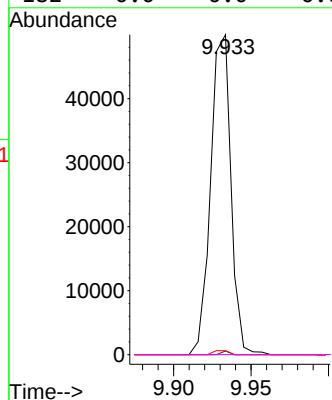
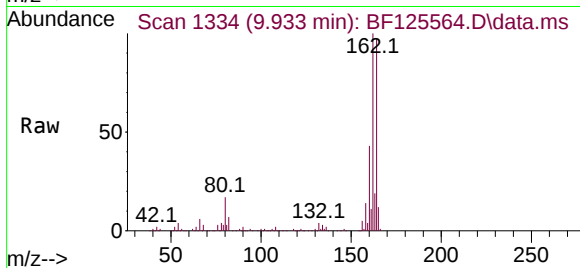




#57
2,4-Dinitrotoluene
Concen: 7.479 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

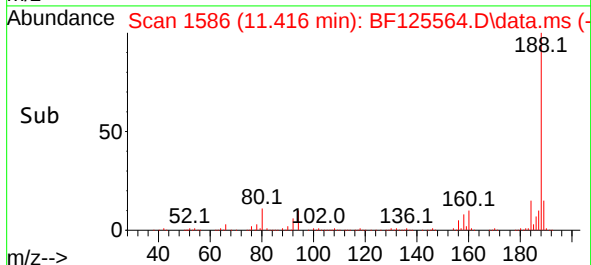
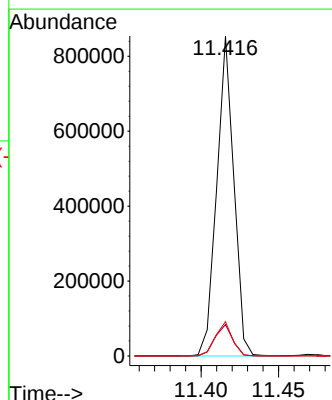
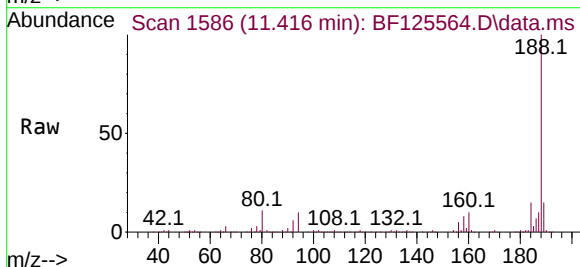
Instrument :
BNA_F
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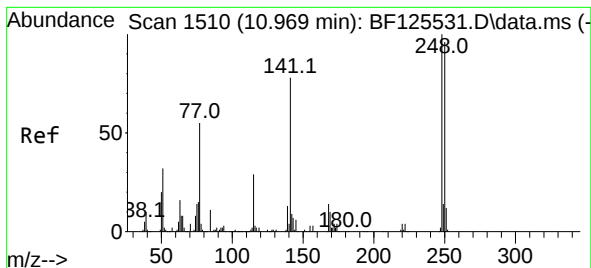
Tgt Ion:165	Resp:	45642
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.9 61.3#
89	1.3	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:188	Resp:	655205
Ion Ratio	Lower	Upper
188	100	
94	9.8	6.7 10.1
80	10.7	7.5 11.3

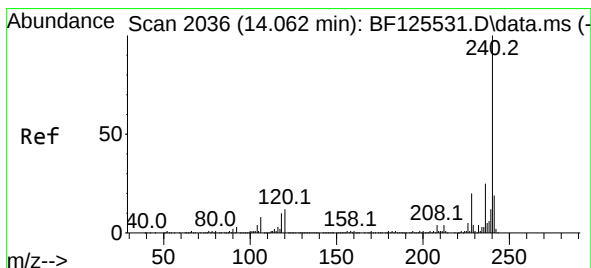
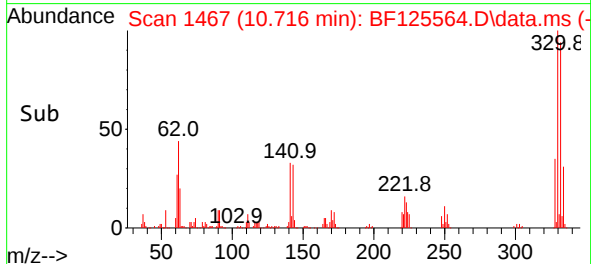
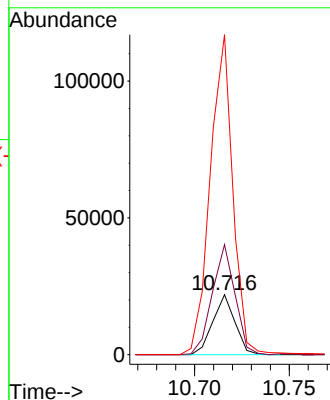
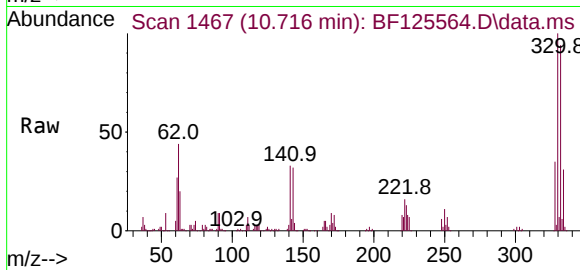




#67
4-Bromophenyl-phenylether
Concen: 2.381 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

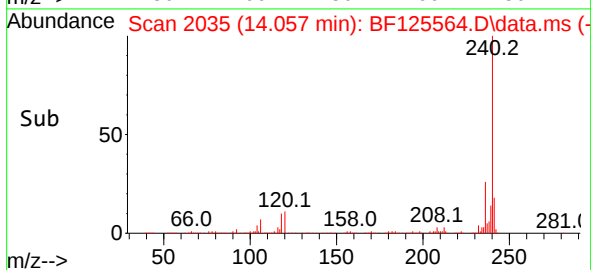
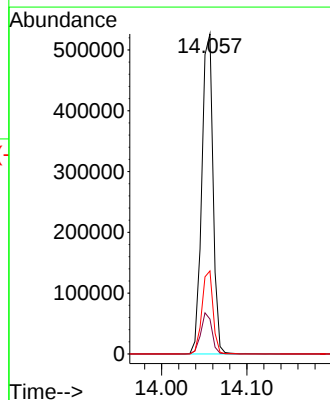
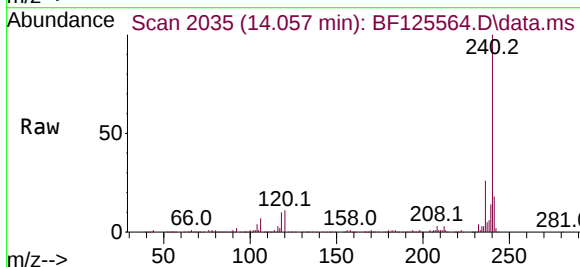
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

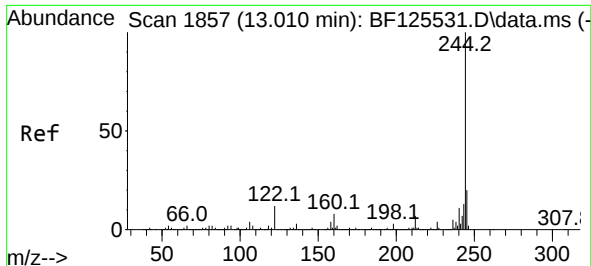
Tgt Ion:248 Resp: 17829
Ion Ratio Lower Upper
248 100
250 183.6 74.2 111.4#
141 533.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:240 Resp: 482389
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.9 21.6 32.4

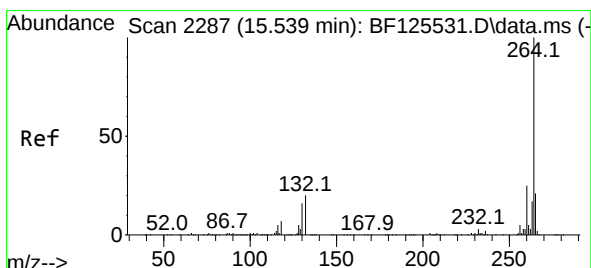
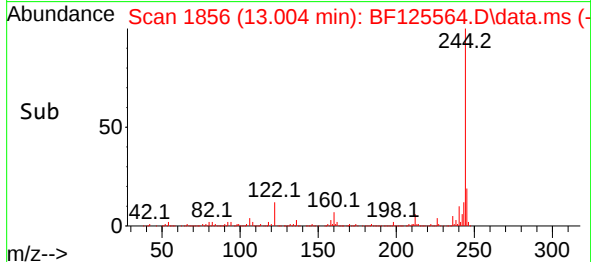
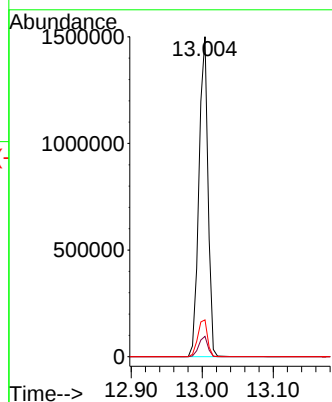
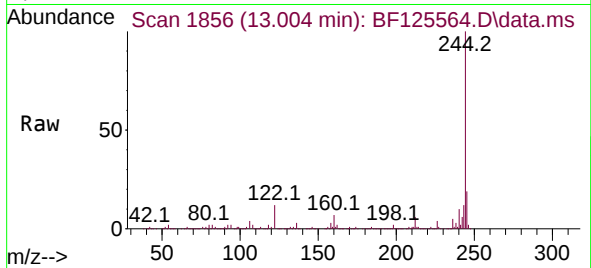




#79
Terphenyl-d14
Concen: 44.455 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125564.D
Acq: 22 Sep 2021 17:55

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

Tgt Ion:244 Resp: 1327988
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 11.5 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: BF125564.D
Acq: 22 Sep 2021 17:55

Tgt Ion:264 Resp: 392480
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 20.6 17.2 25.8

