

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125829.D
 Acq On : 13 Oct 2021 16:20
 Operator : JU/CG
 Sample : M4056-1
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-A

Quant Time: Oct 14 01:19:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

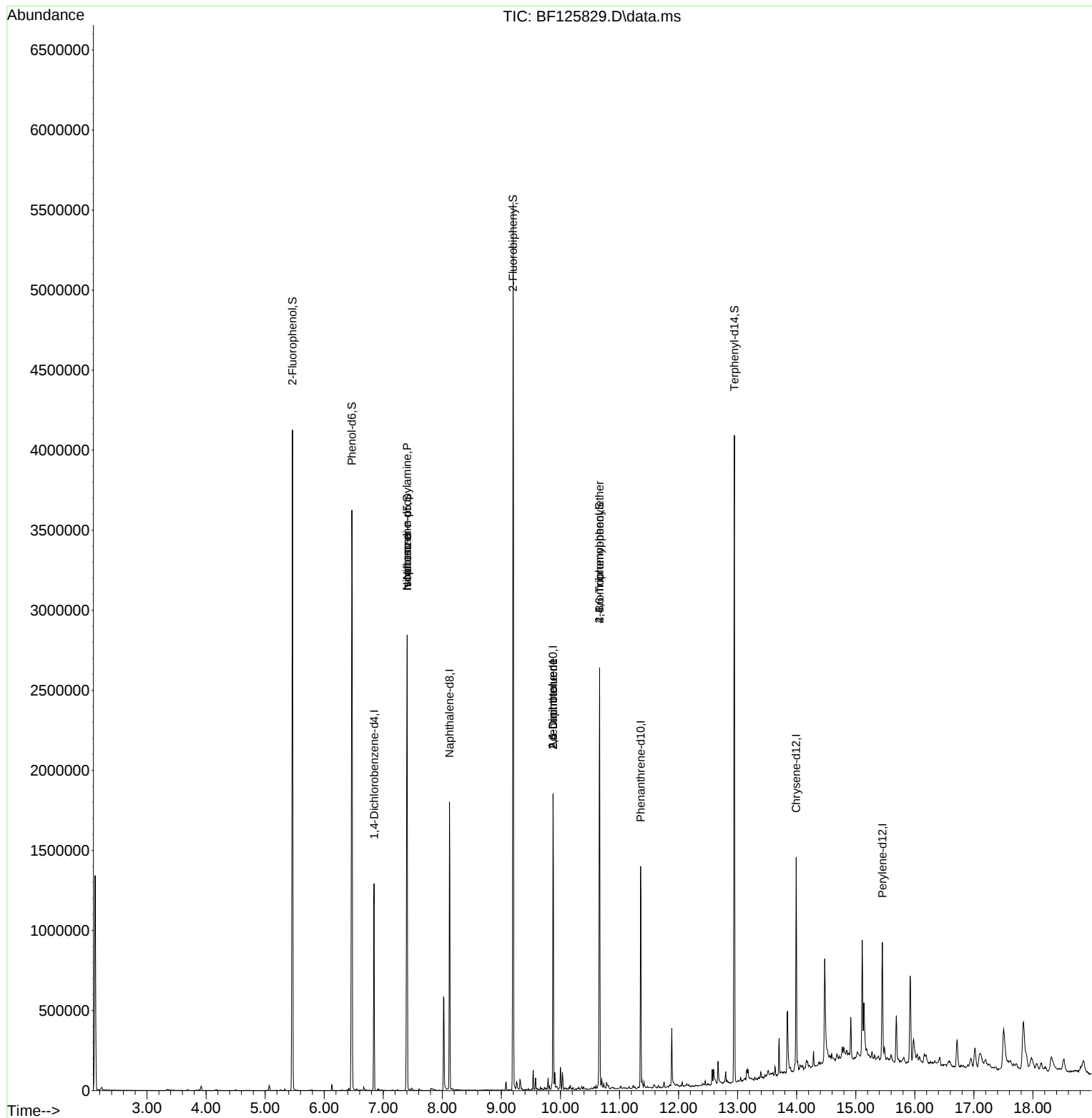
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	195058	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	773603	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	363247	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	492056	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	414466	20.000	ng	0.00
86) Perylene-d12	15.451	264	313970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1285693	107.678	ng	0.00
7) Phenol-d6	6.469	99	1569069	102.080	ng	0.00
23) Nitrobenzene-d5	7.404	82	909611	73.089	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	320152	89.269	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1702960	80.862	ng	0.00
79) Terphenyl-d14	12.945	244	1365921	50.201	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	113586	13.998	ng	# 50
25) Isophorone	7.404	82	909603	41.255	ng	# 59
51) 2,6-Dinitrotoluene	9.874	165	46189	9.556	ng	# 27
57) 2,4-Dinitrotoluene	9.874	165	46189	7.558	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	18959	3.479	ng	# 1

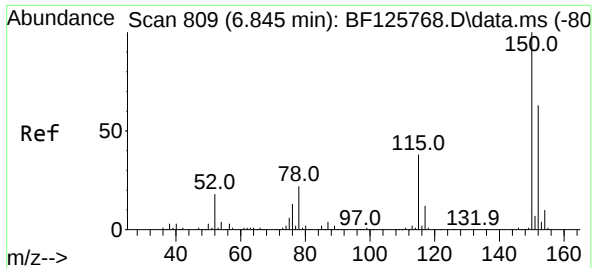
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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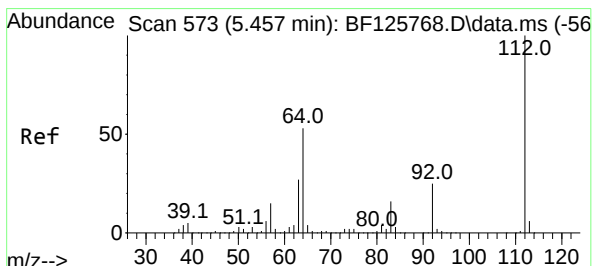
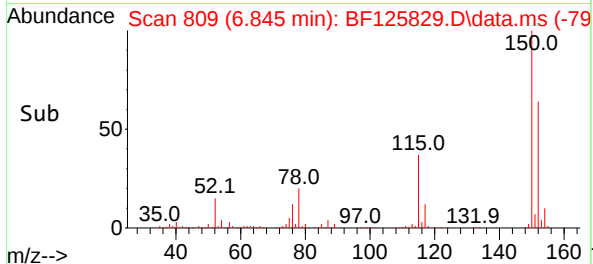
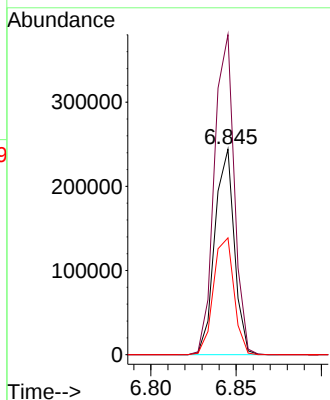
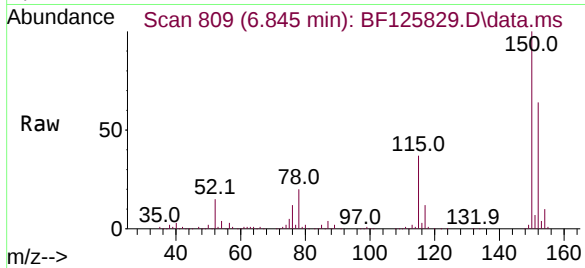




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

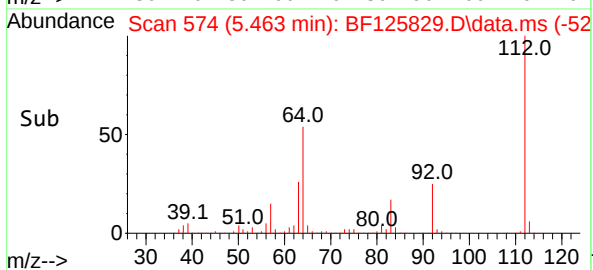
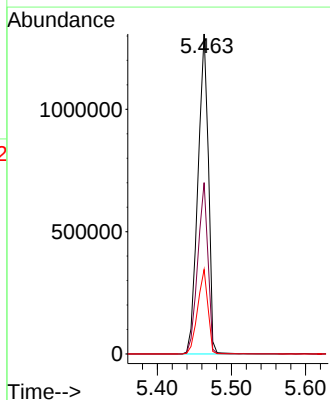
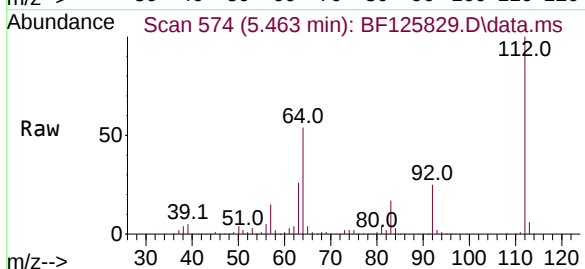
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

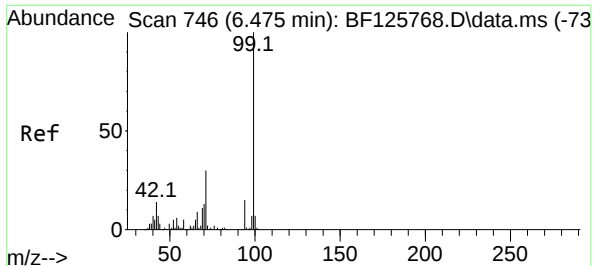
Tgt Ion:152 Resp: 195058
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 107.678 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion:112 Resp: 1285693
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 26.4 26.2 39.2

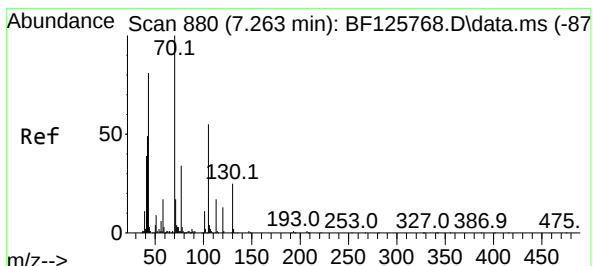
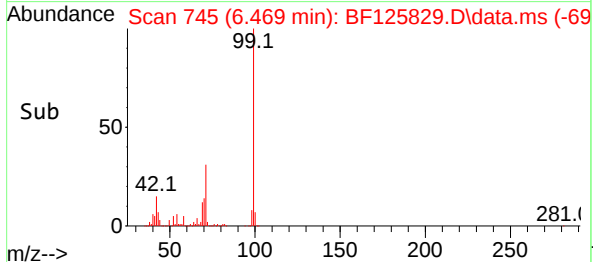
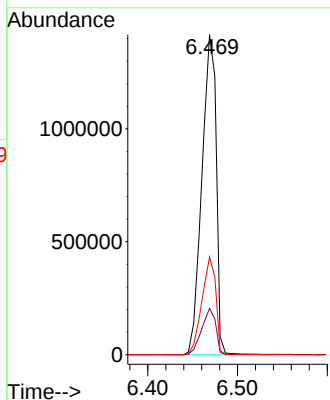
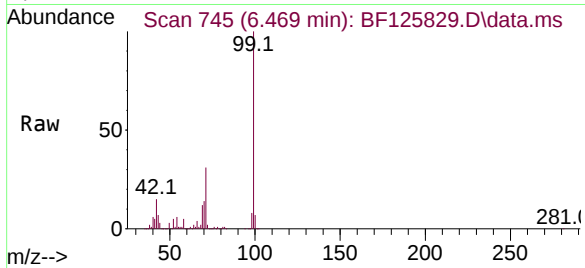




#7
Phenol-d6
Concen: 102.080 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

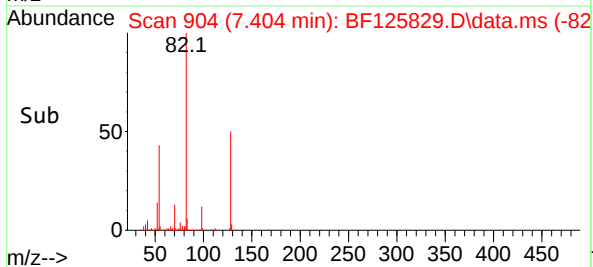
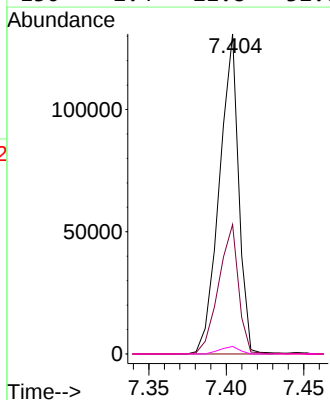
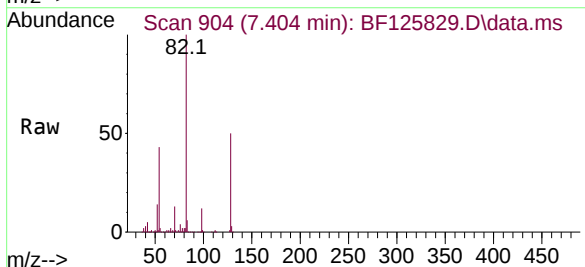
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

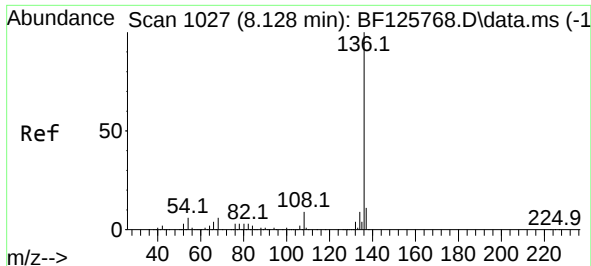
Tgt Ion: 99 Resp: 1569069
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.998 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion: 70 Resp: 113586
Ion Ratio Lower Upper
70 100
42 40.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

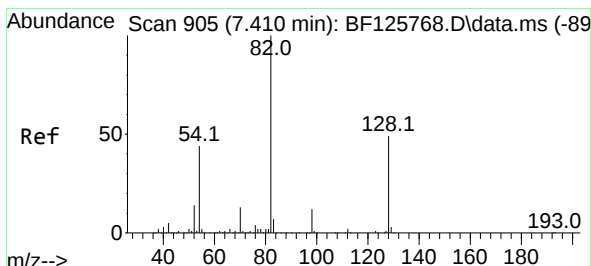
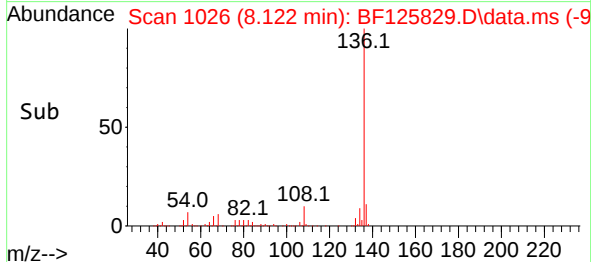
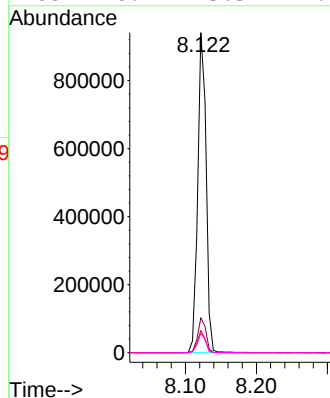
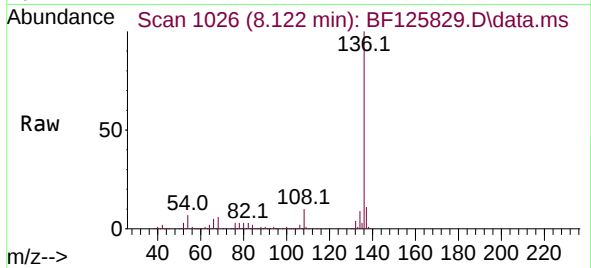




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

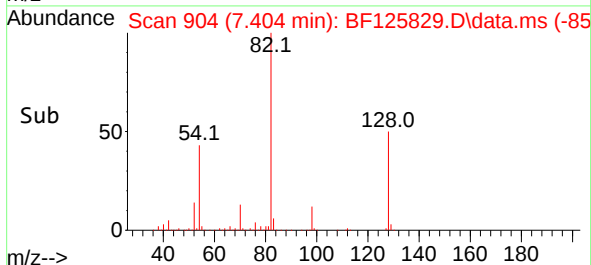
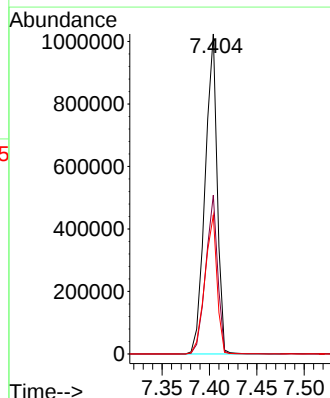
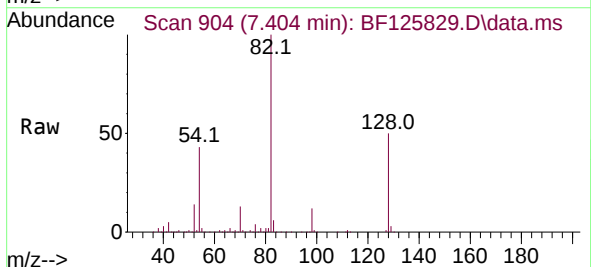
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

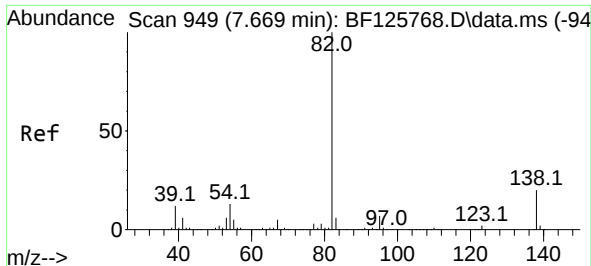
Tgt Ion:136	Resp: 773603
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 6.9	6.4 9.6
68 6.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.089 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion: 82	Resp: 909611
Ion Ratio	Lower Upper
82 100	
128 49.6	40.6 60.8
54 43.4	49.6 74.4#

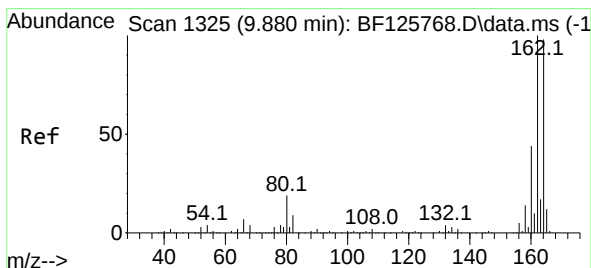
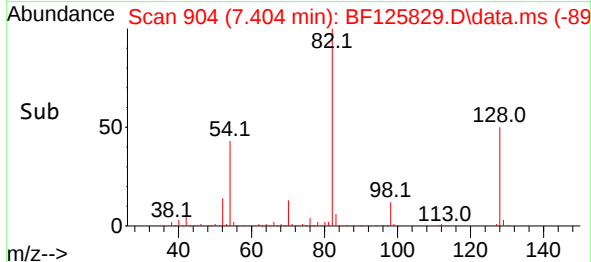
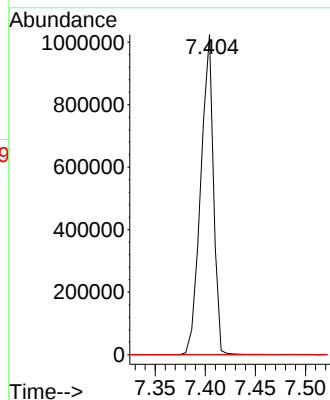
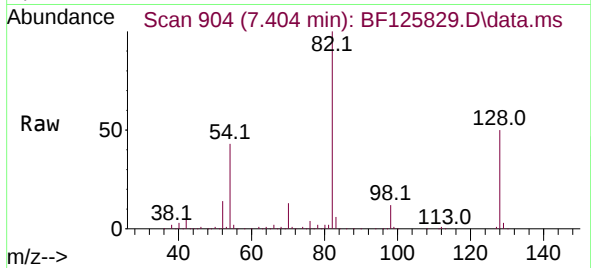




#25
Isophorone
Concen: 41.255 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

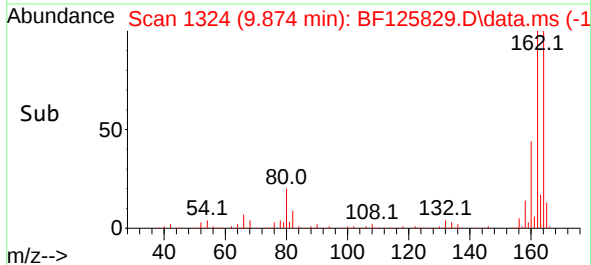
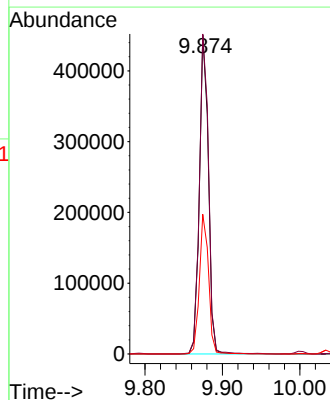
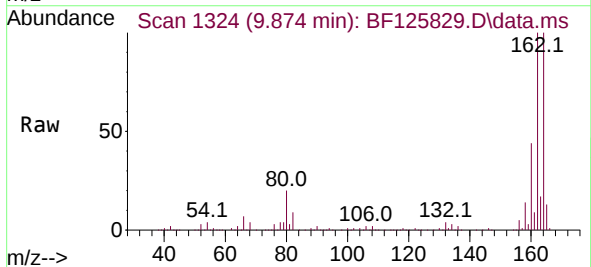
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

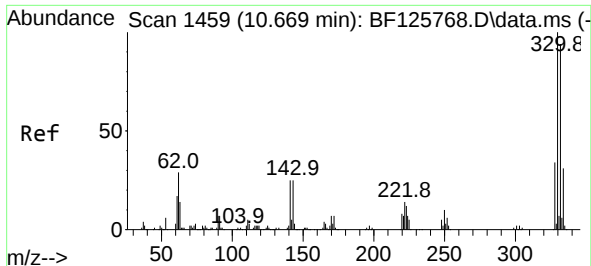
Tgt Ion: 82 Resp: 909603
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion: 164 Resp: 363247
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.8 38.0 57.0

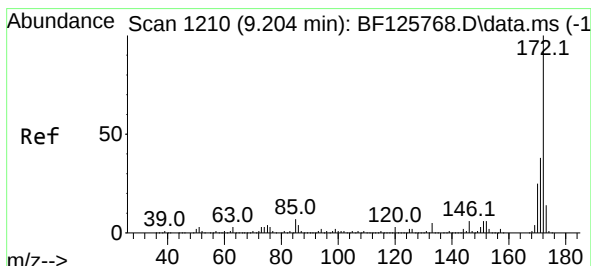
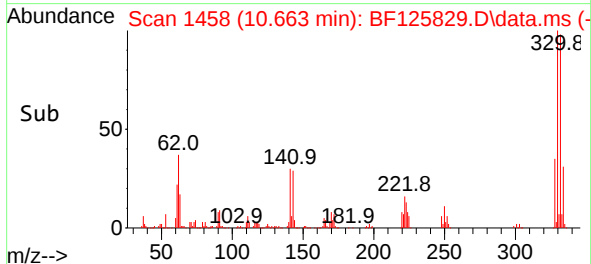
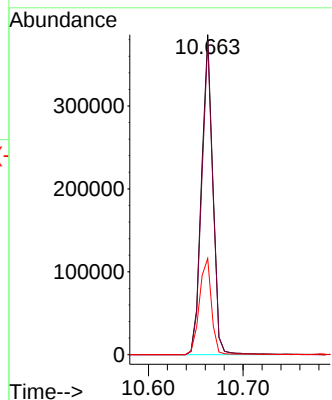
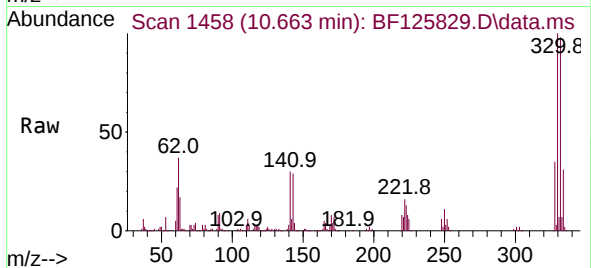




#42
2,4,6-Tribromophenol
Concen: 89.269 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

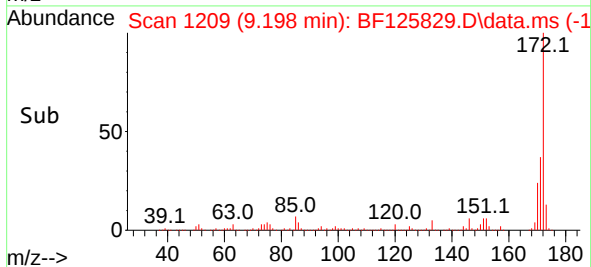
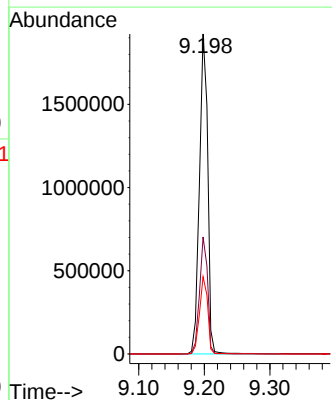
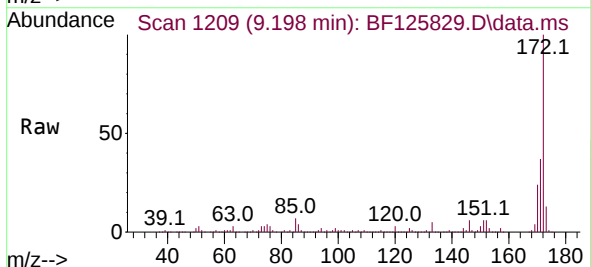
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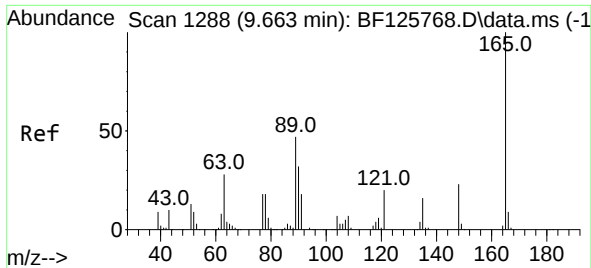
Tgt Ion: 330 Resp: 320152
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 32.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.862 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion: 172 Resp: 1702960
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.1 18.8 28.2

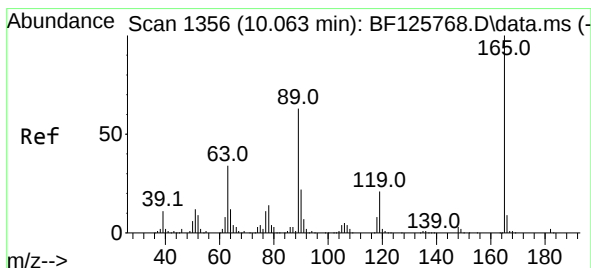
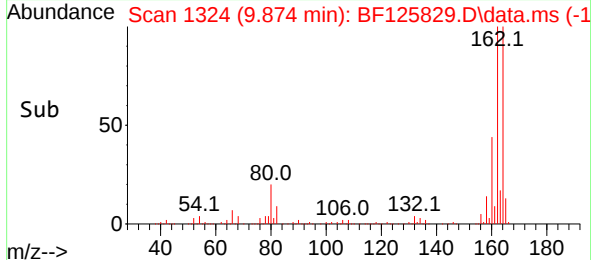
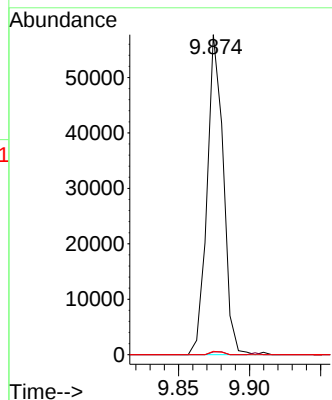
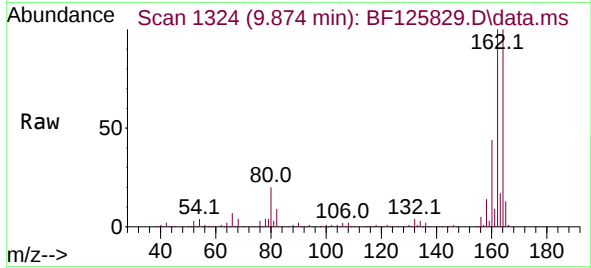




#51
2,6-Dinitrotoluene
Concen: 9.556 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

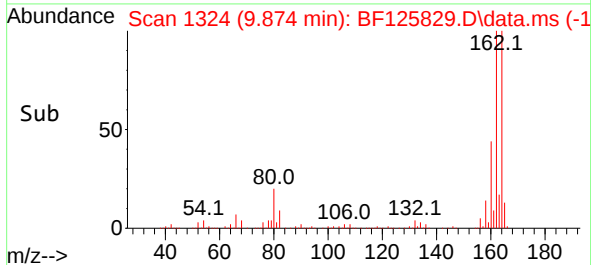
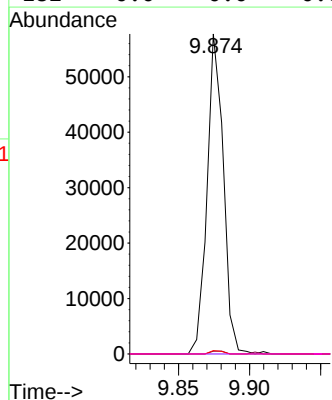
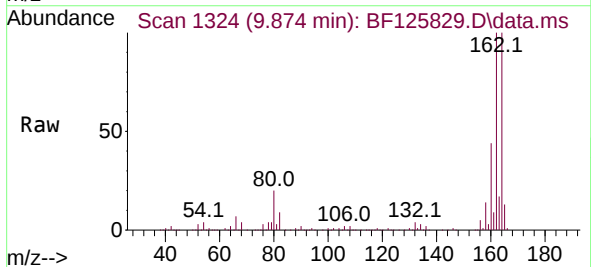
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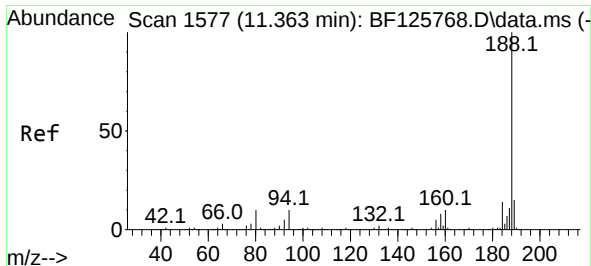
Tgt Ion:165 Resp: 46189
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.558 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion:165 Resp: 46189
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

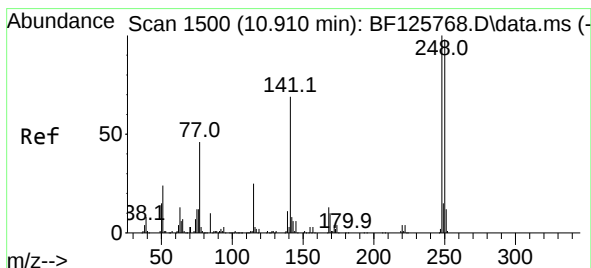
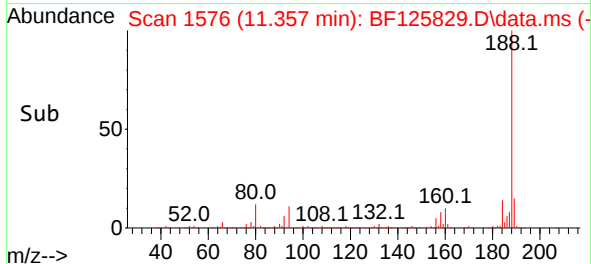
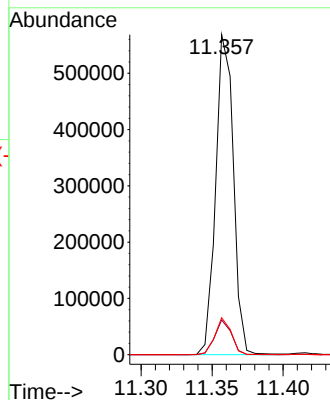
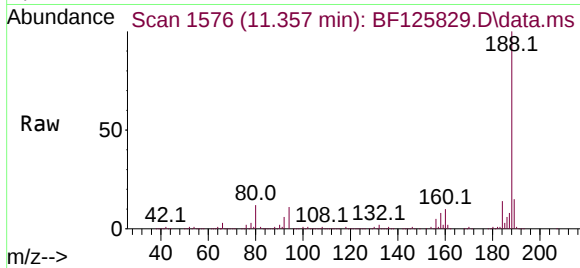




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

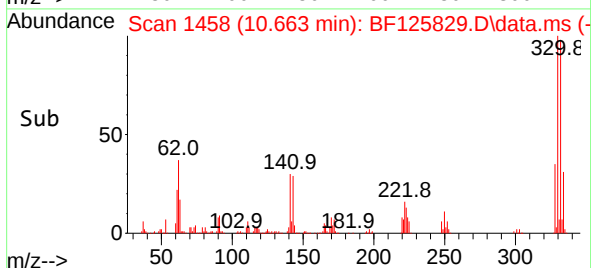
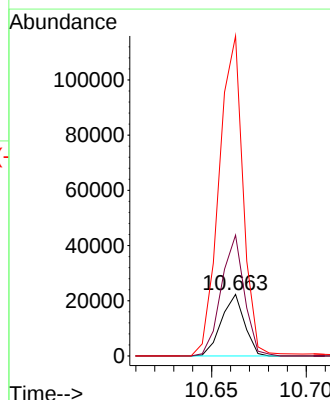
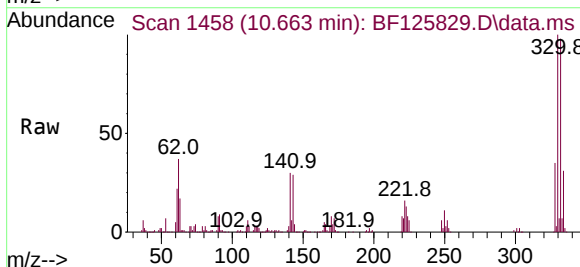
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

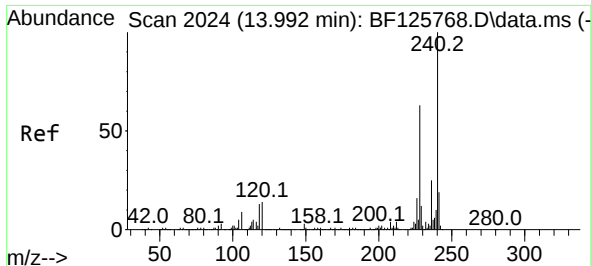
Tgt Ion:188 Resp: 492056
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.479 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion:248 Resp: 18959
Ion Ratio Lower Upper
248 100
250 196.1 74.2 111.4#
141 519.5 60.4 90.6#

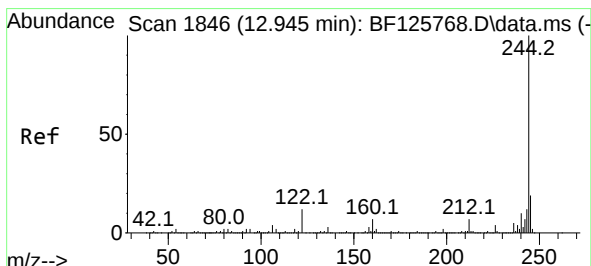
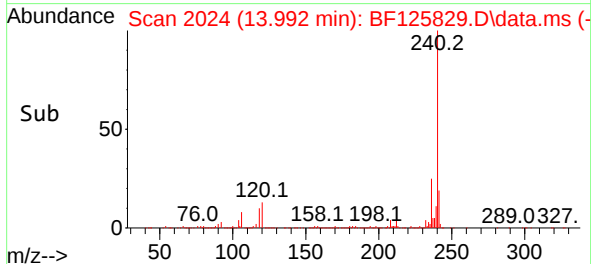
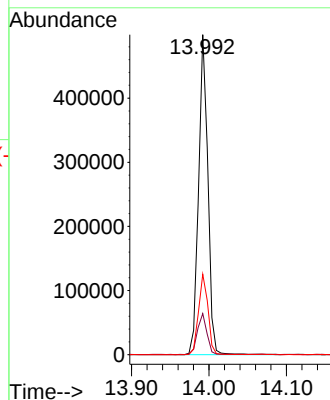
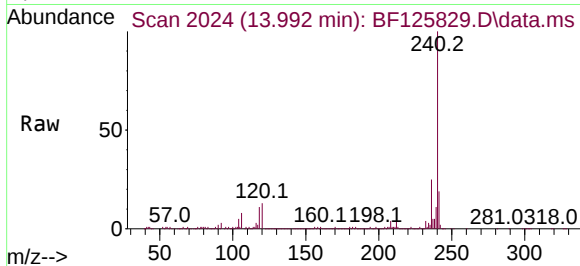




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

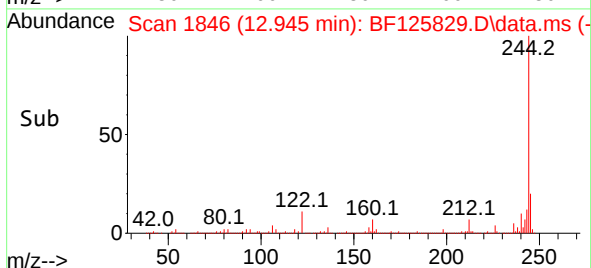
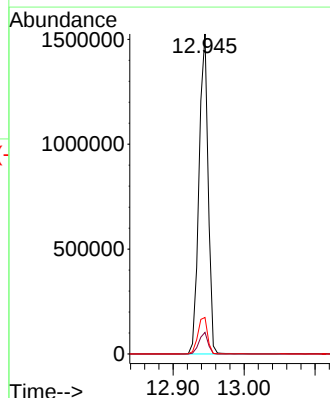
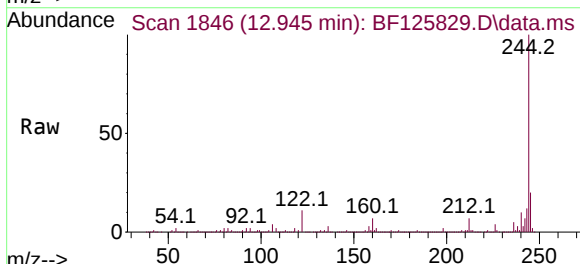
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

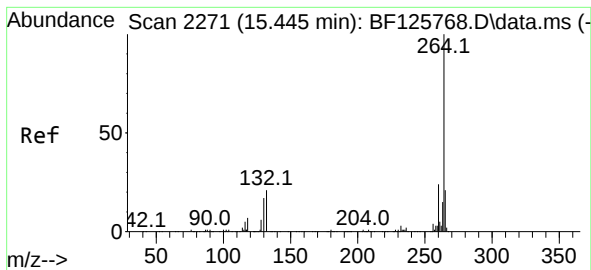
Tgt Ion:240 Resp: 414466
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 50.201 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Tgt Ion:244 Resp: 1365921
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125829.D
Acq: 13 Oct 2021 16:20

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-PENINSULA-1B-A

Tgt Ion:264	Resp:	313970
Ion	Ratio	Lower Upper
264	100	
260	23.6	19.6 29.4
265	21.7	17.2 25.8

