

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125784.D
 Acq On : 8 Oct 2021 15:56
 Operator : JU/CG
 Sample : M4117-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(6.5-7.0)

Quant Time: Oct 08 17:26:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 17:16:23 2021
 Response via : Initial Calibration

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

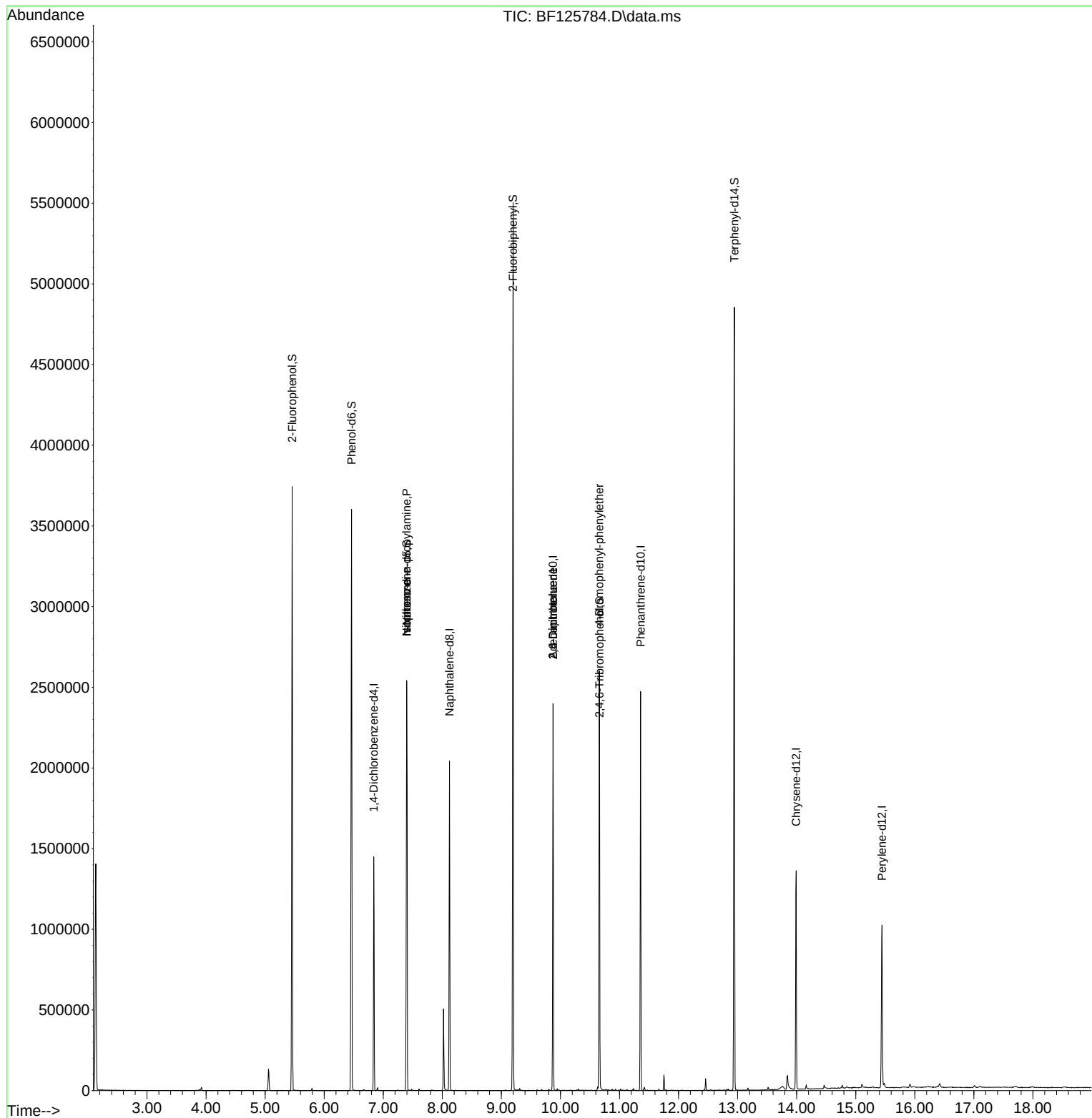
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	212223	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	871292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	465951	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	792956	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	463196	20.000	ng	0.00
86) Perylene-d12	15.445	264	437269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1111519	85.561	ng	0.00
7) Phenol-d6	6.463	99	1429263	85.464	ng	-0.01
23) Nitrobenzene-d5	7.398	82	869864	62.058	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	322933	70.197	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1676560	62.062	ng	0.00
79) Terphenyl-d14	12.945	244	1723708	56.685	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	108261	12.263	ng	# 50
25) Isophorone	7.398	82	869006	34.994	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	58964	9.510	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	58964	7.522	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	17785	2.025	ng	# 1

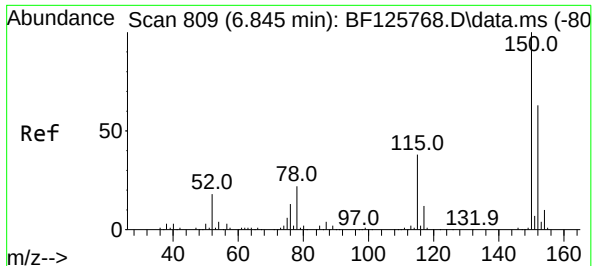
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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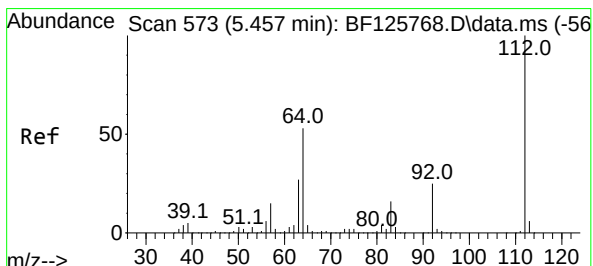
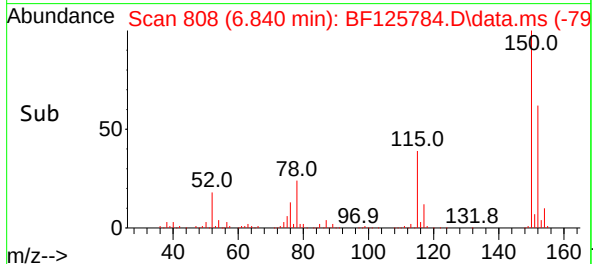
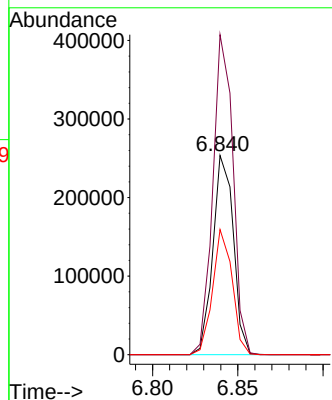
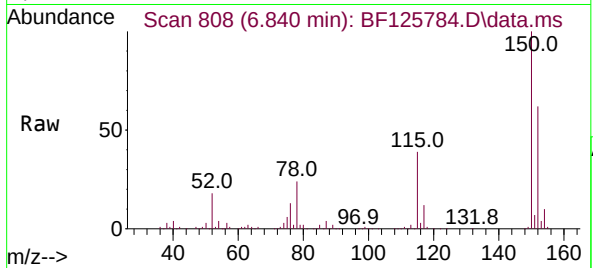




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

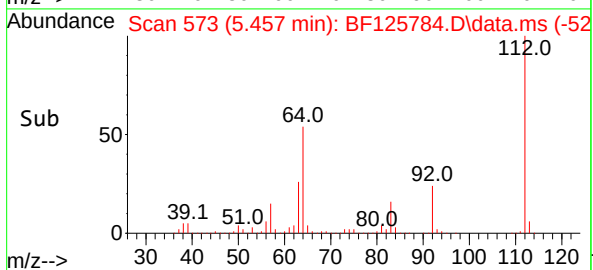
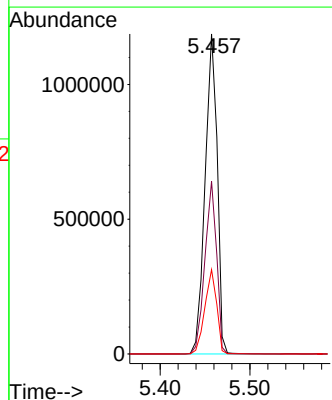
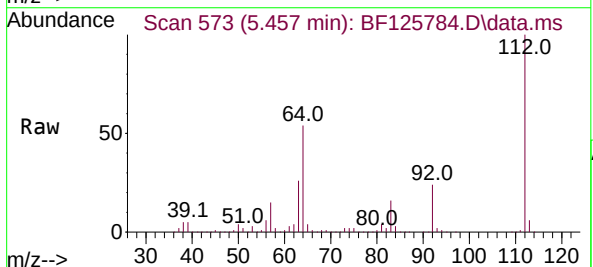
Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

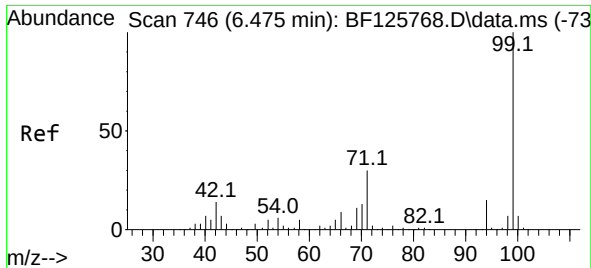
Tgt Ion:152 Resp: 212223
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 62.8 47.1 70.7



#5
2-Fluorophenol
Concen: 85.561 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:112 Resp: 1111519
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 26.3 26.2 39.2

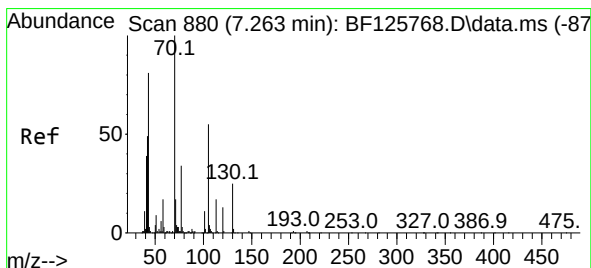
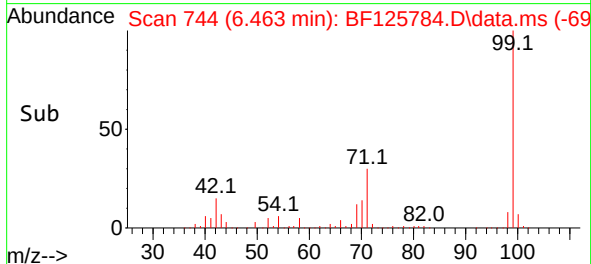
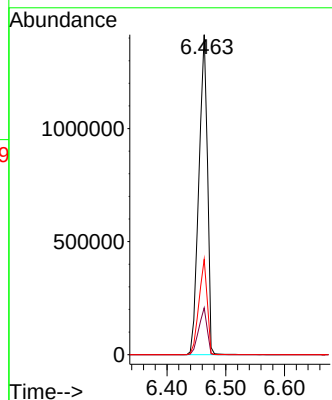
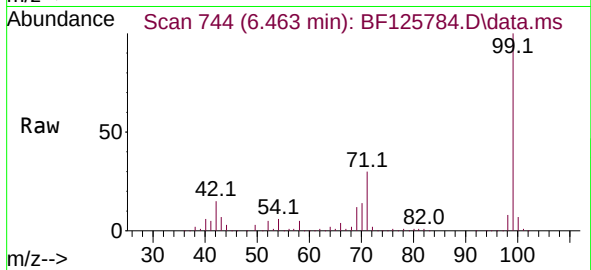




#7
Phenol-d6
Concen: 85.464 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

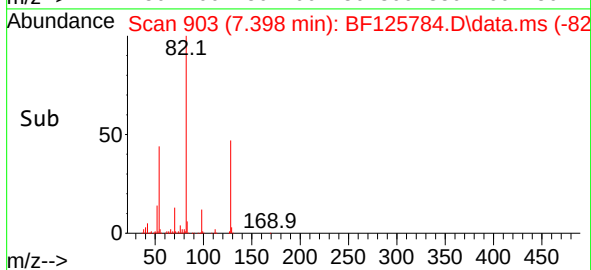
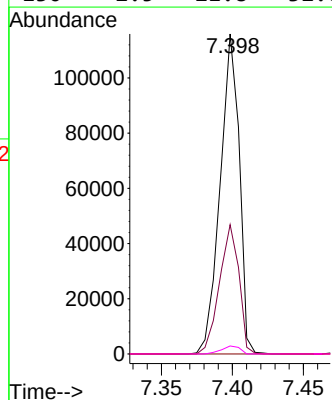
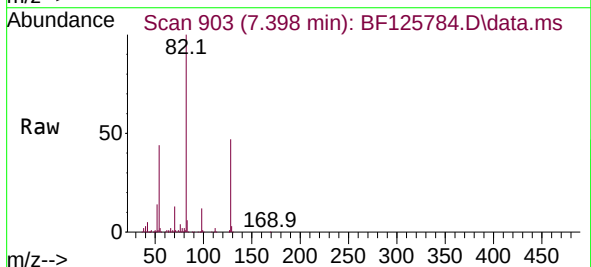
Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

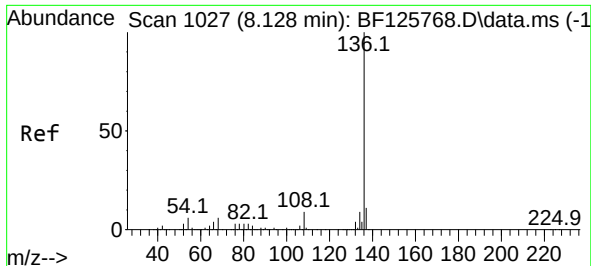
Tgt Ion: 99 Resp: 1429263
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 29.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.263 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion: 70 Resp: 108261
Ion Ratio Lower Upper
70 100
42 40.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



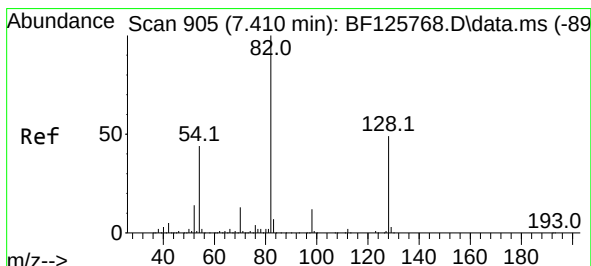
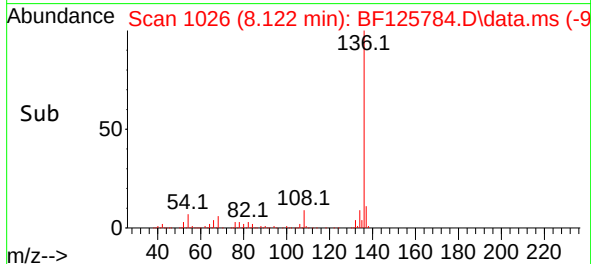
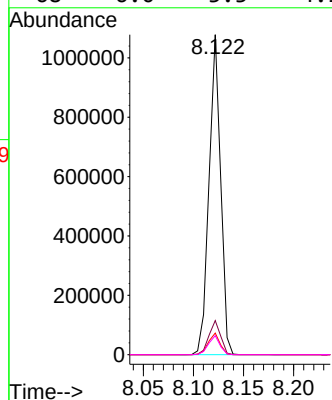
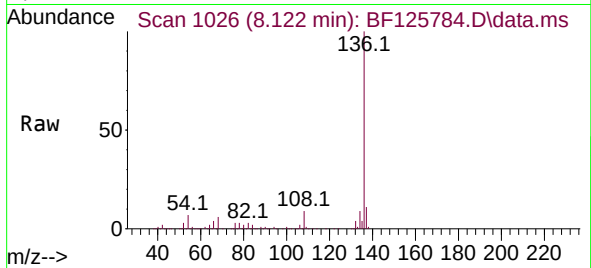


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

Tgt Ion:136 Resp: 871292

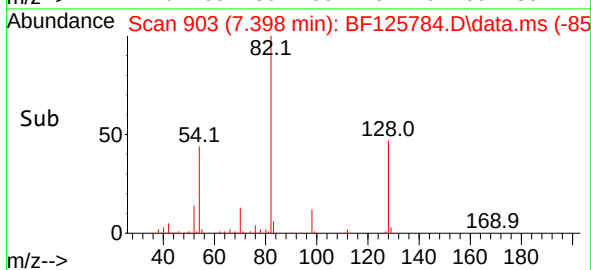
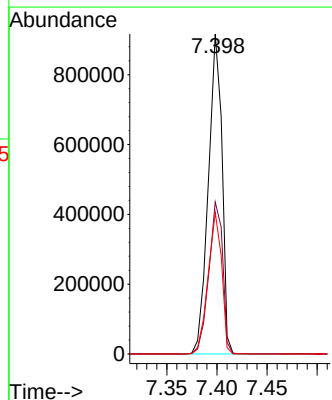
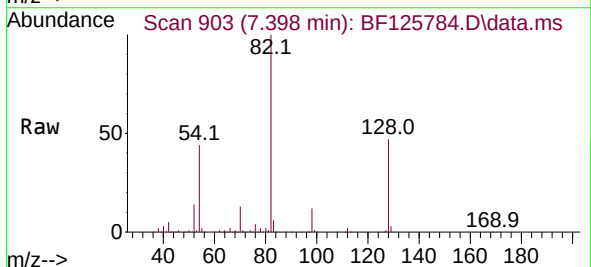
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	6.8	6.4	9.6
68	6.0	3.3	4.9

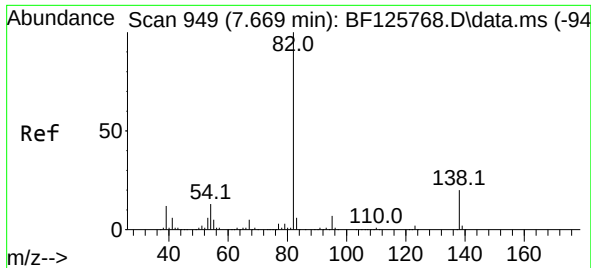


#23
Nitrobenzene-d5
Concen: 62.058 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion: 82 Resp: 869864

Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.6	60.8
54	44.2	49.6	74.4

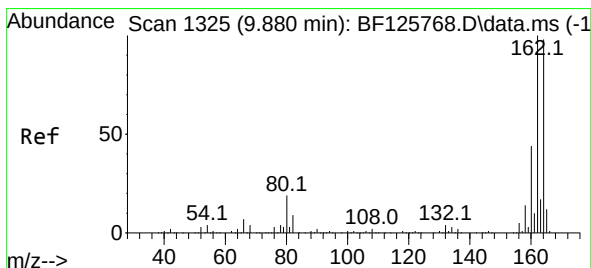
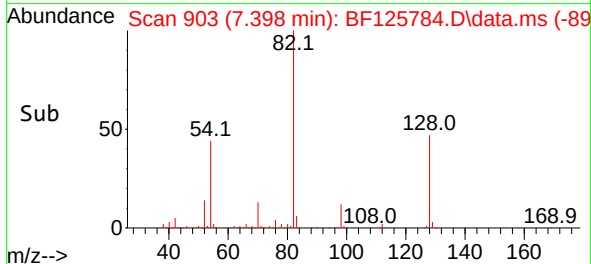
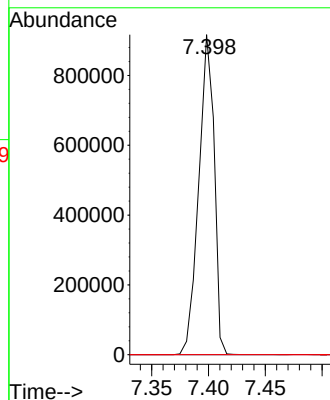
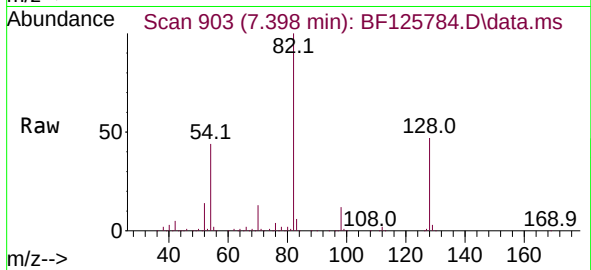




#25
Isophorone
Concen: 34.994 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.270 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

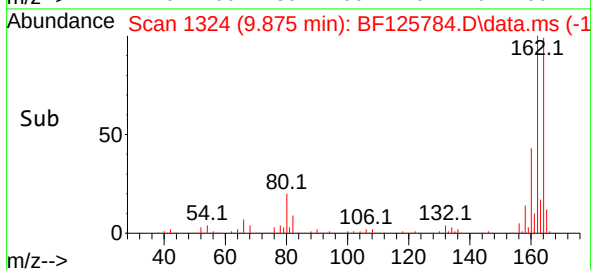
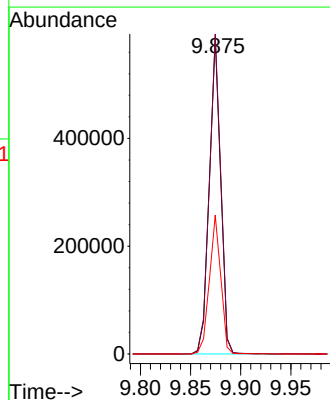
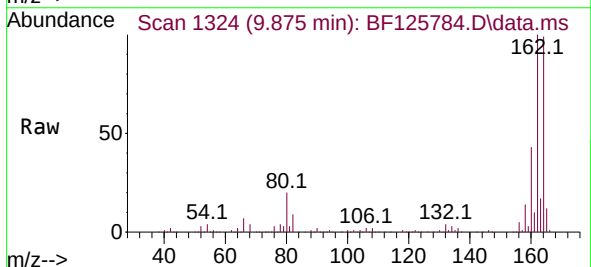
Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

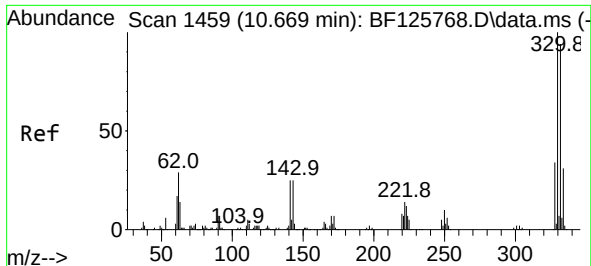
Tgt Ion: 82 Resp: 869006
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:164 Resp: 465951
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 43.8 38.0 57.0

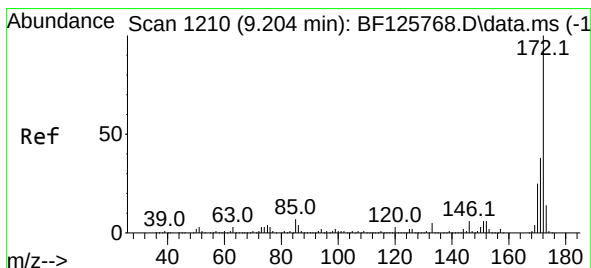
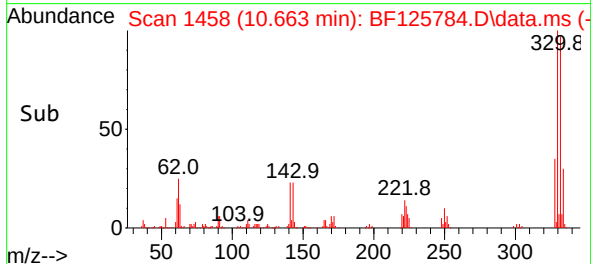
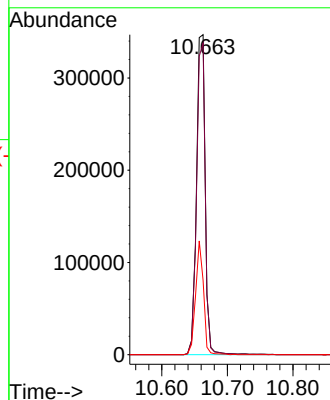
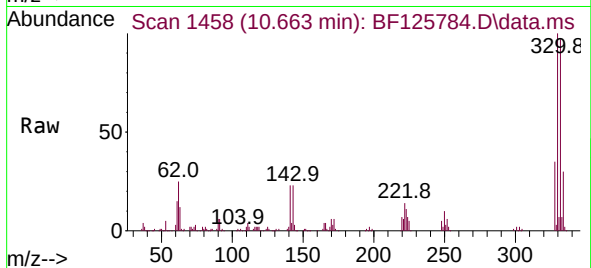




#42
2,4,6-Tribromophenol
Concen: 70.197 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

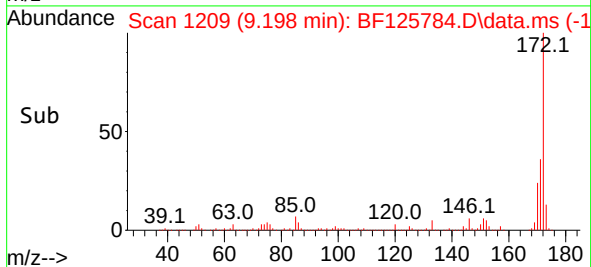
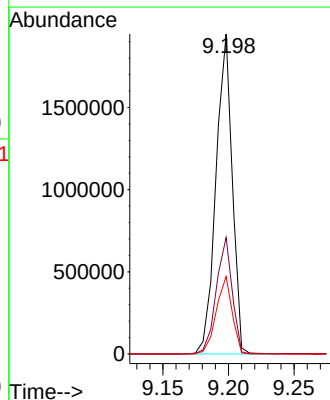
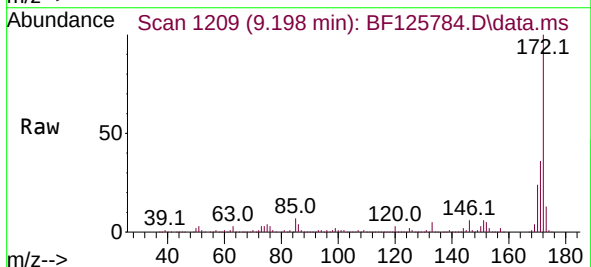
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ClientSampleId :
SB-5(6.5-7.0)

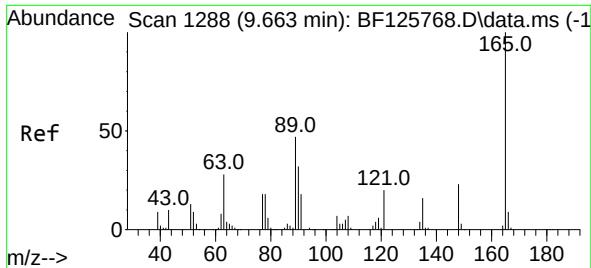
Tgt Ion:330 Resp: 322933
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.062 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:172 Resp: 1676560
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.2 18.8 28.2

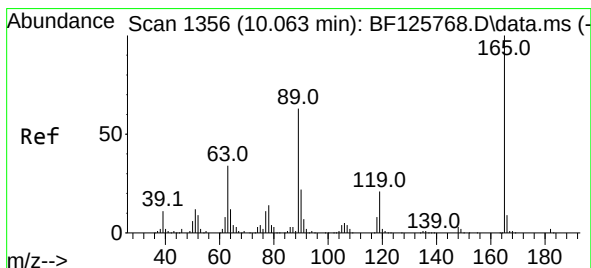
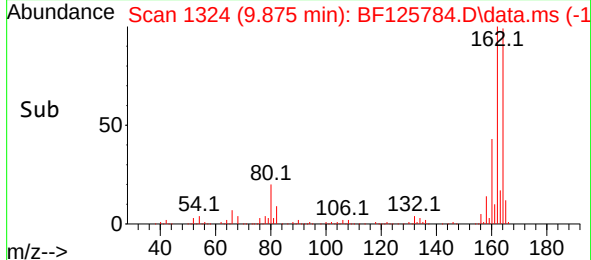
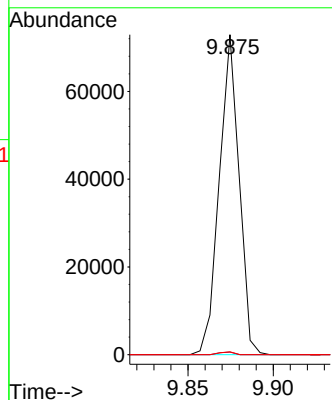
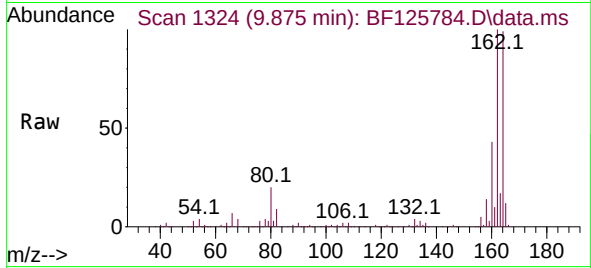




#51
2,6-Dinitrotoluene
Concen: 9.510 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

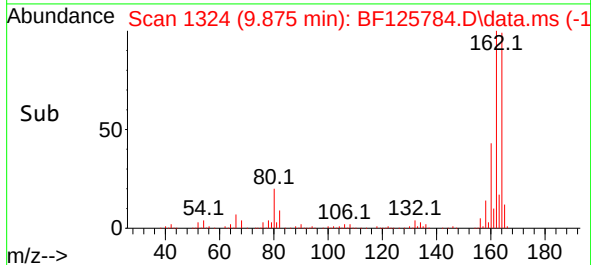
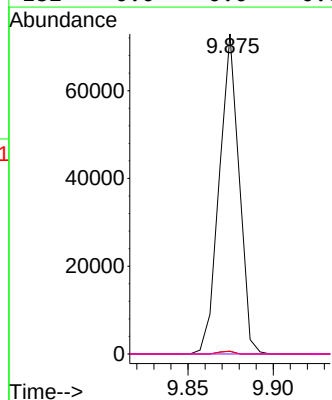
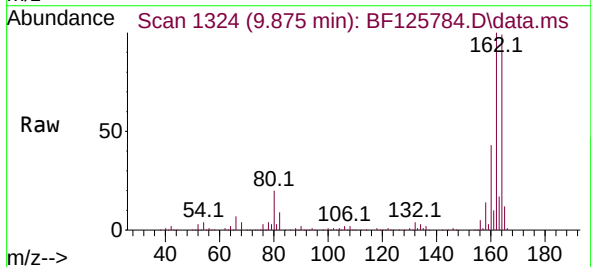
Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

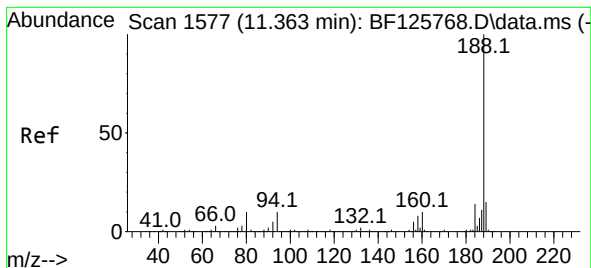
Tgt Ion:165 Resp: 58964
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.522 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:165 Resp: 58964
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

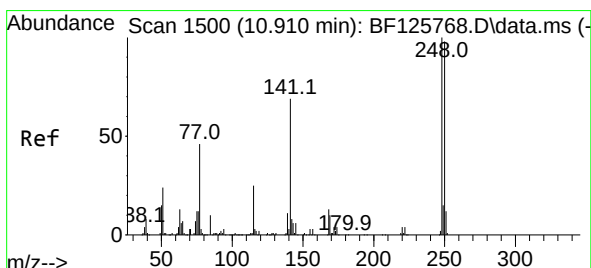
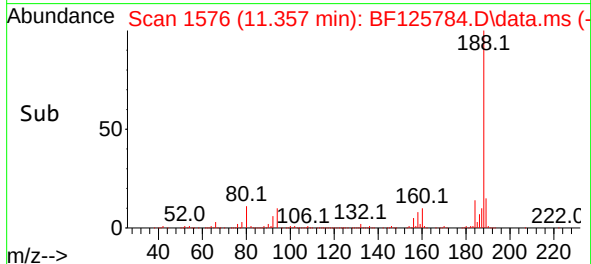
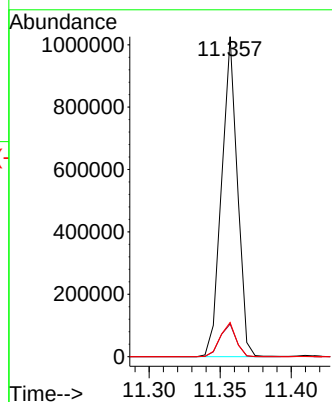
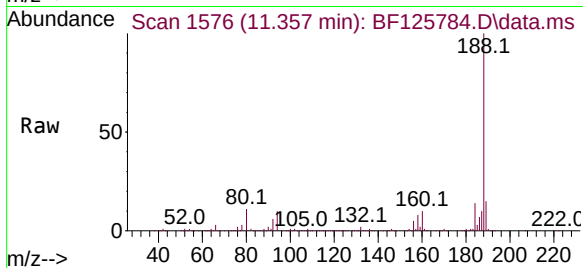




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

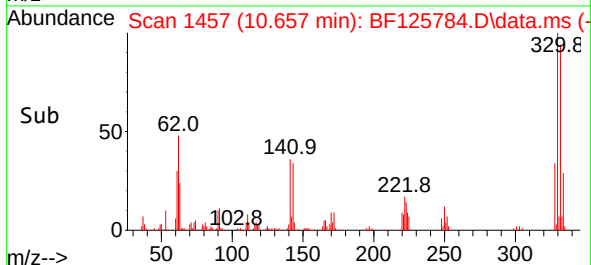
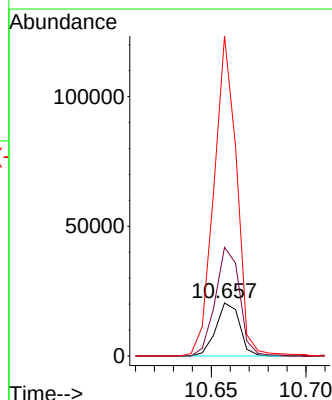
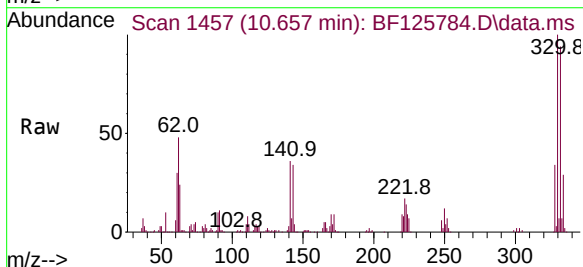
Instrument :
BNA_F
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SB-5(6.5-7.0)

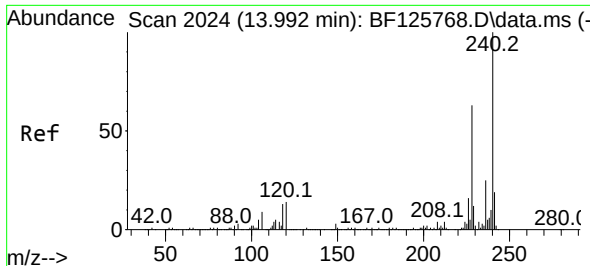
Tgt Ion:188 Resp: 792956
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.025 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:248 Resp: 17785
Ion Ratio Lower Upper
248 100
250 204.9 74.2 111.4#
141 603.9 60.4 90.6#

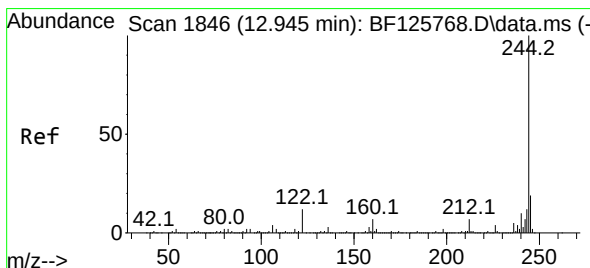
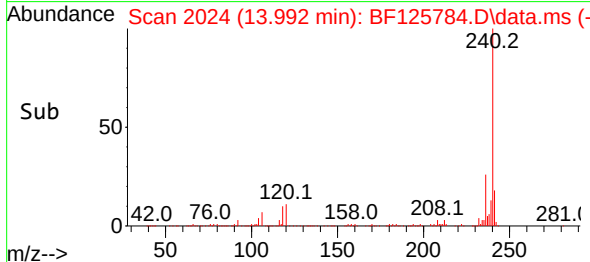
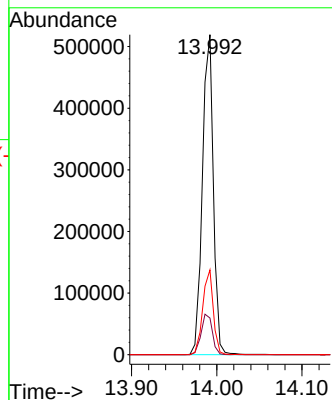
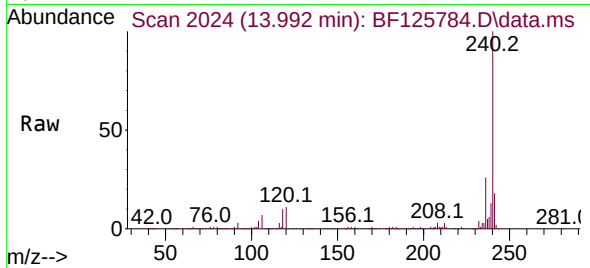




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

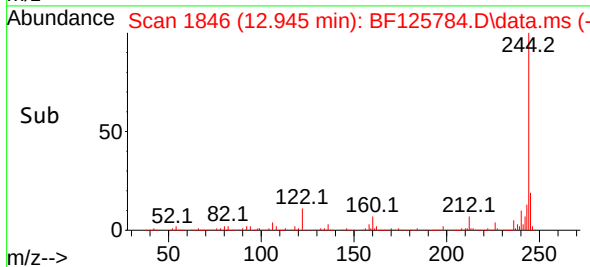
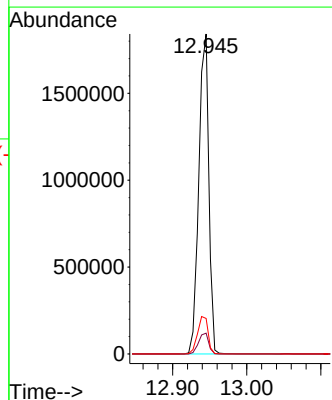
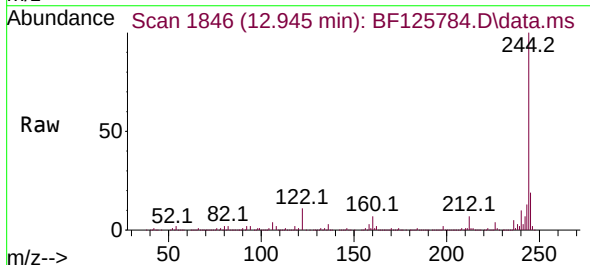
Instrument :
BNA_F
ClientSampleId :
SB-5(6.5-7.0)

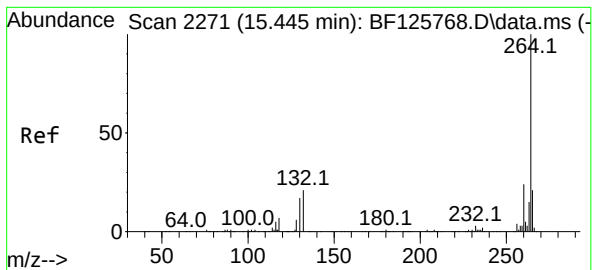
Tgt Ion:240 Resp: 463196
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 56.685 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF125784.D
Acq: 8 Oct 2021 15:56

Tgt Ion:244 Resp: 1723708
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF125784.D
 Acq: 8 Oct 2021 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(6.5-7.0)

Tgt Ion:264 Resp: 437269
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 22.0 17.2 25.8

