

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
 Data File : BF125776.D
 Acq On : 8 Oct 2021 10:48
 Operator : JU/CG
 Sample : PB139688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139688BL

Quant Time: Oct 08 12:01:08 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

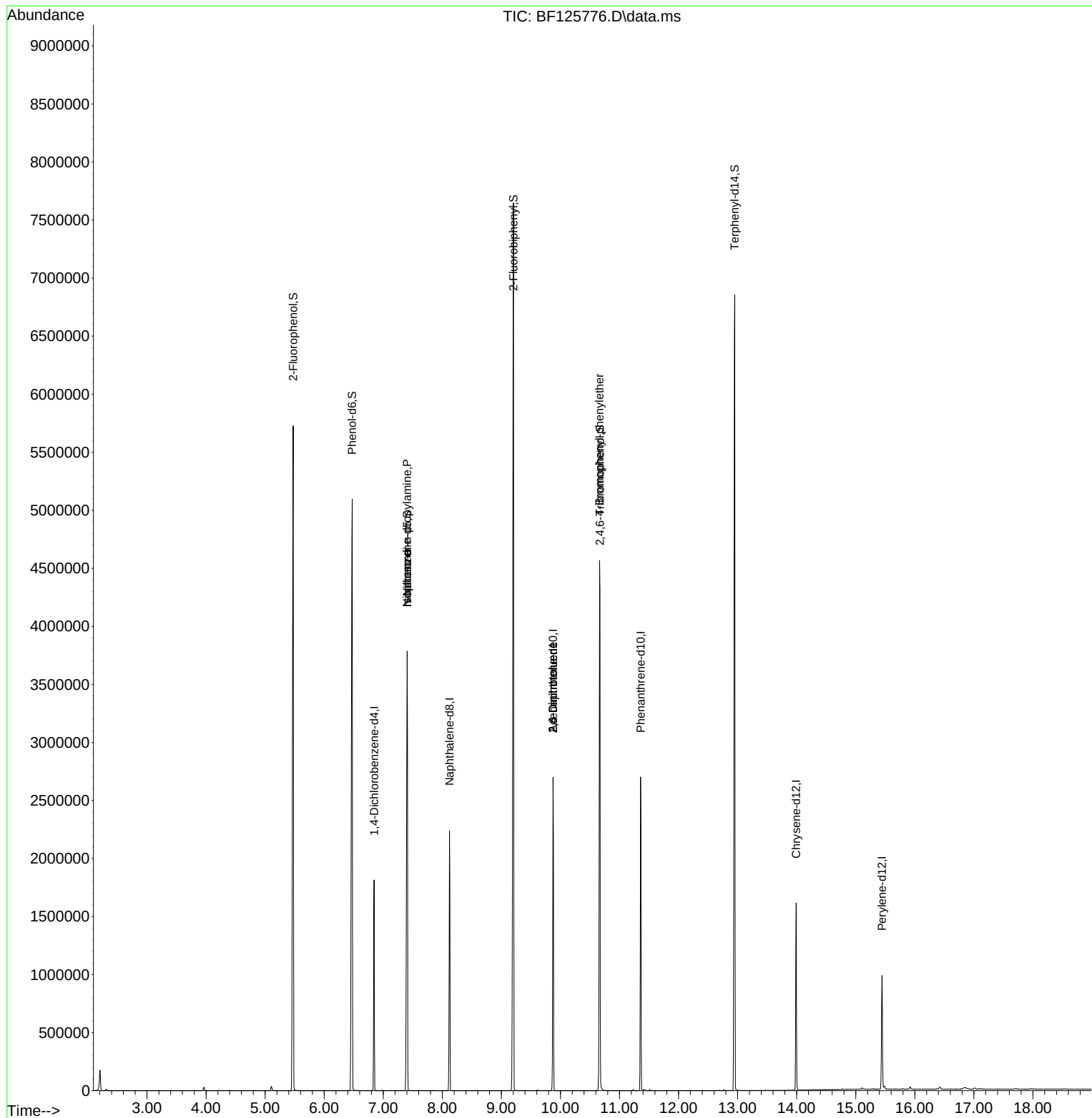
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	262548	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1082035	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	576473	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	967908	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	524548	20.000	ng	0.00
86) Perylene-d12	15.445	264	399863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2021409	125.776	ng	0.02
7) Phenol-d6	6.475	99	2450765	118.455	ng	0.00
23) Nitrobenzene-d5	7.404	82	1547767	88.915	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	705592	123.971	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2805075	83.929	ng	0.00
79) Terphenyl-d14	12.951	244	2692936	78.201	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	194888	17.844	ng	# 51
25) Isophorone	7.404	82	1546527	50.148	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	73272	9.552	ng	# 27
57) 2,4-Dinitrotoluene	9.875	165	73272	7.555	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	39393	3.675	ng	# 1

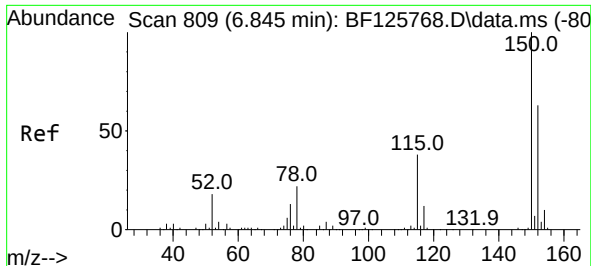
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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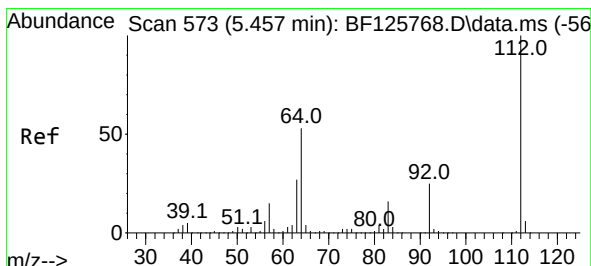
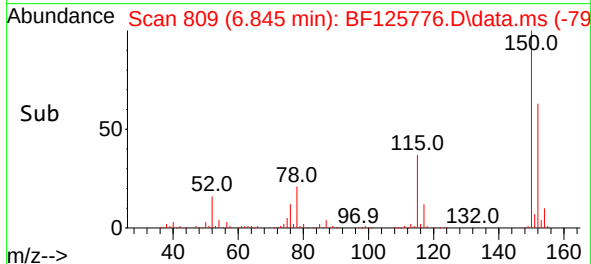
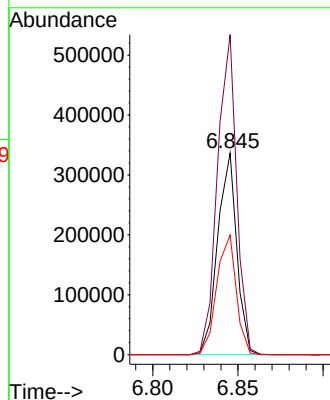
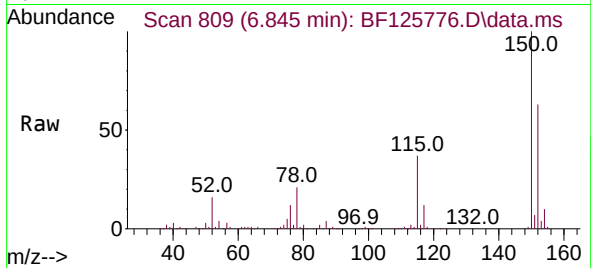




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

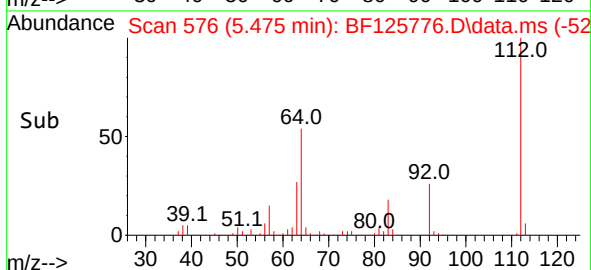
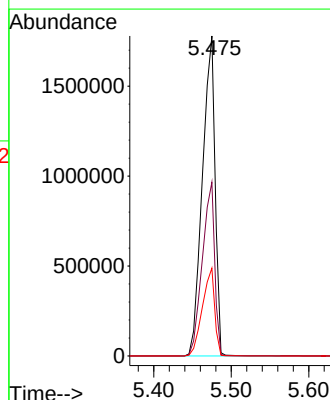
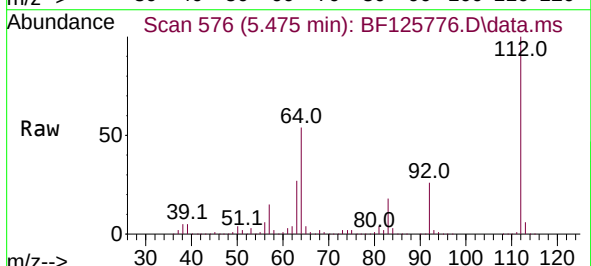
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ClientSampleId :
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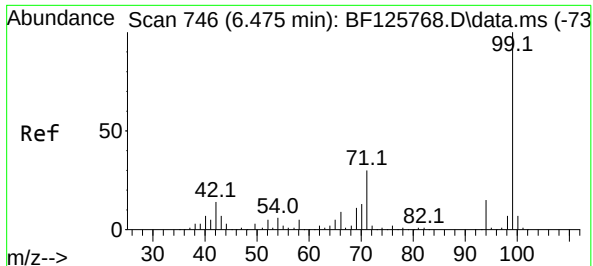
Tgt Ion:152 Resp: 262548
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 125.776 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion:112 Resp: 2021409
Ion Ratio Lower Upper
112 100
64 54.3 44.2 66.2
63 27.4 26.2 39.2

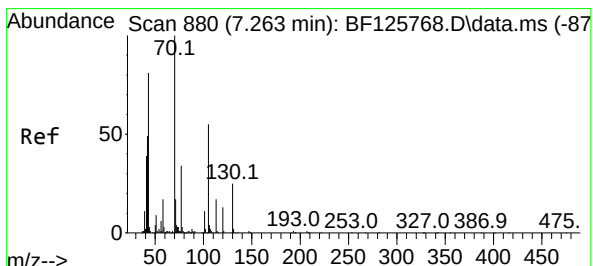
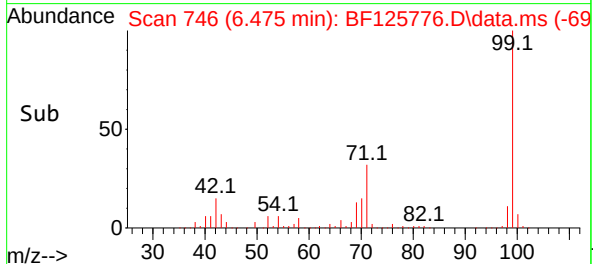
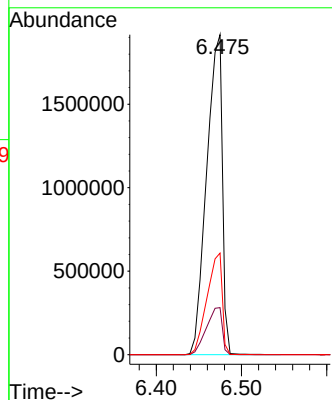
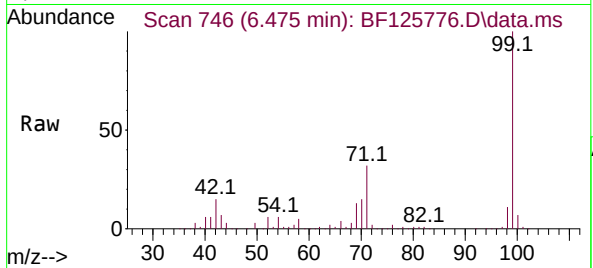




#7
Phenol-d6
Concen: 118.455 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

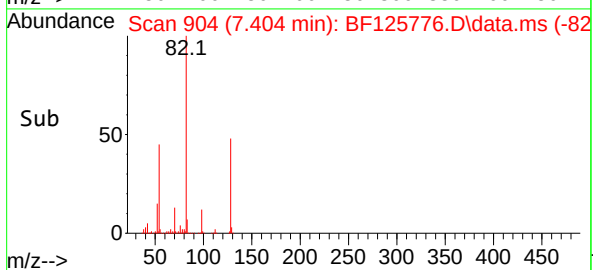
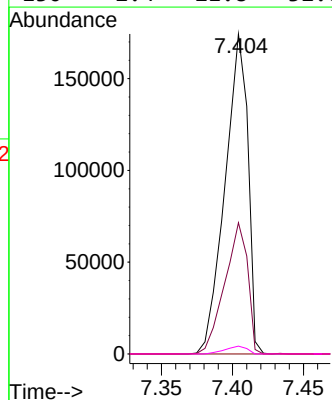
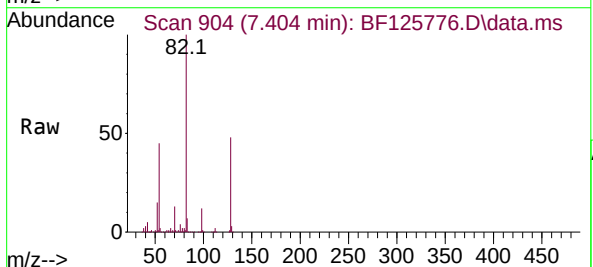
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ClientSampleId :
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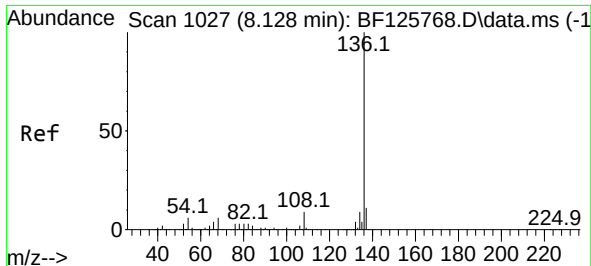
Tgt Ion: 99 Resp: 2450765
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.844 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion: 70 Resp: 194888
Ion Ratio Lower Upper
70 100
42 41.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#

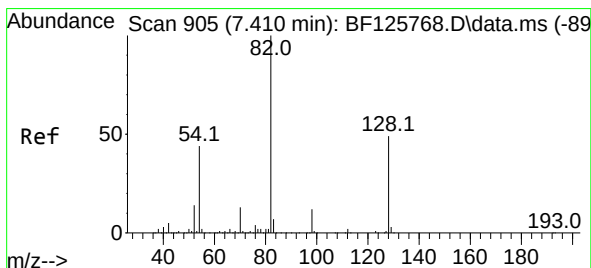
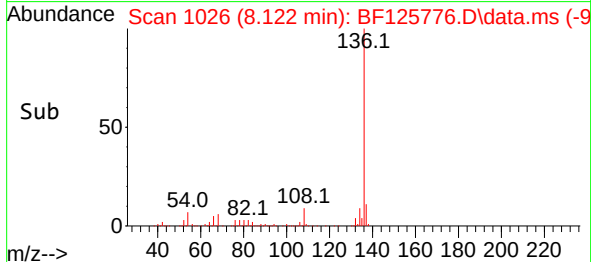
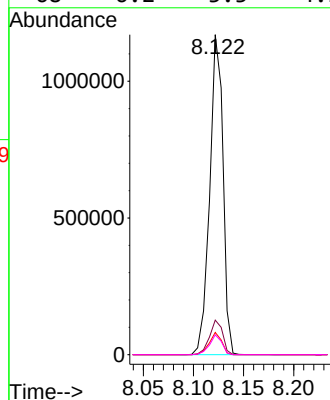
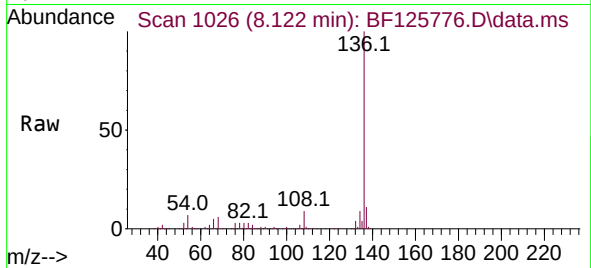




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

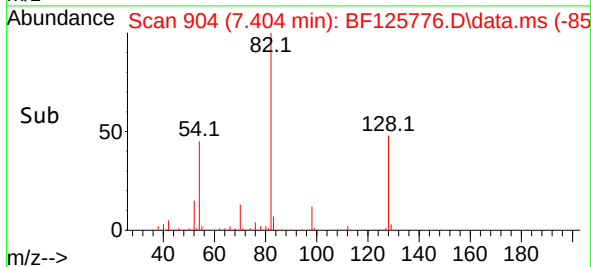
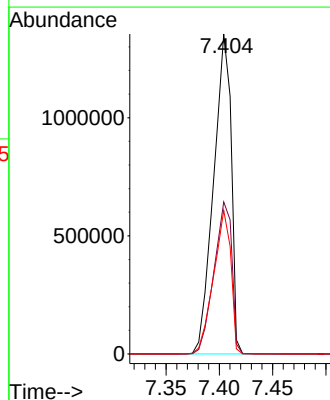
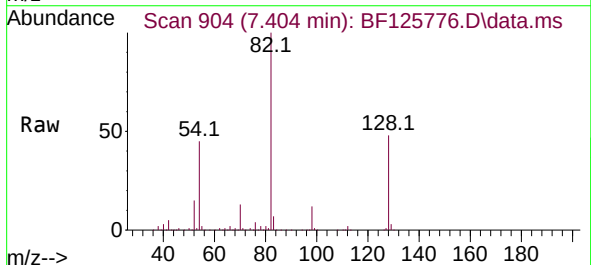
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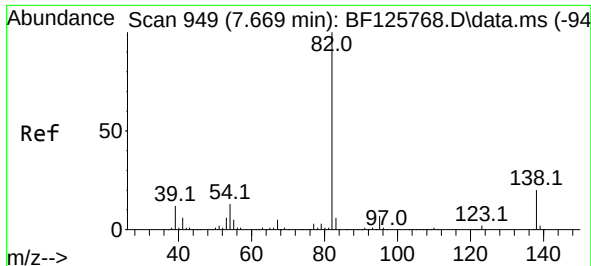
Tgt Ion:136 Resp: 1082035
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 6.9 6.4 9.6
68 6.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 88.915 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion: 82 Resp: 1547767
Ion Ratio Lower Upper
82 100
128 47.5 40.6 60.8
54 44.9 49.6 74.4#

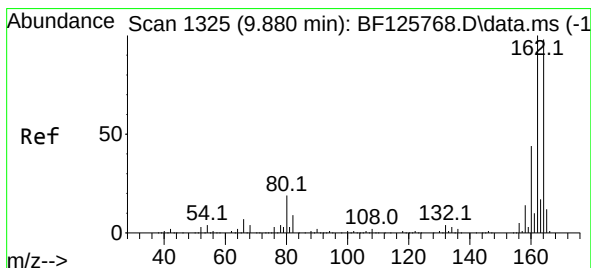
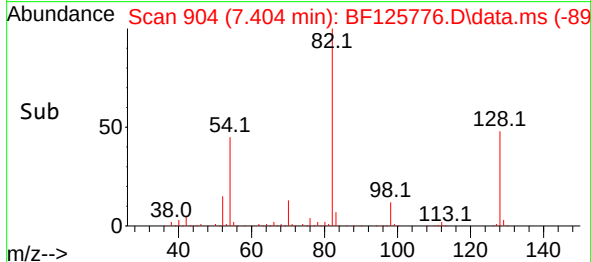
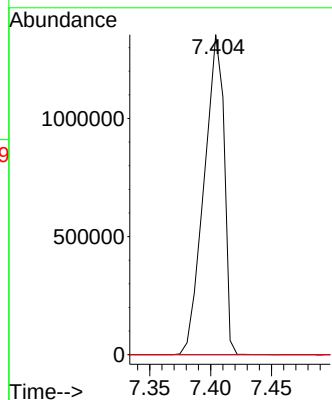
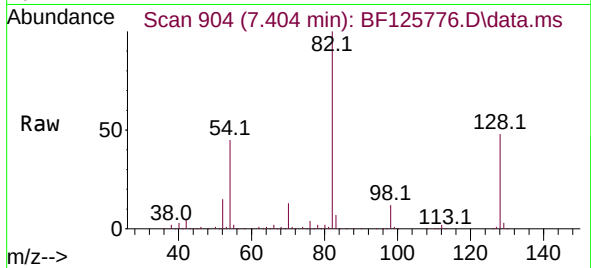




#25
Isophorone
Concen: 50.148 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

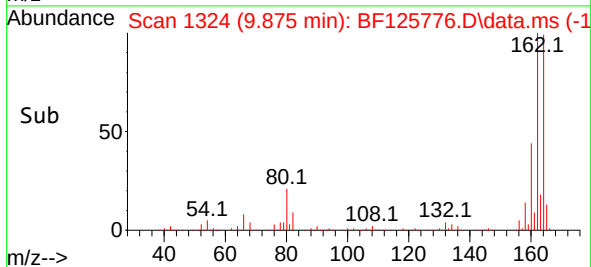
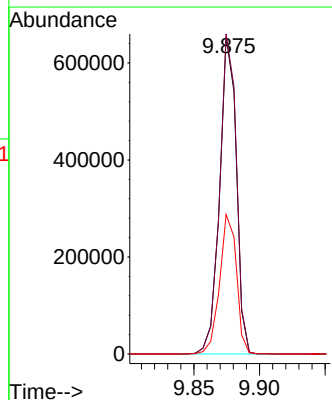
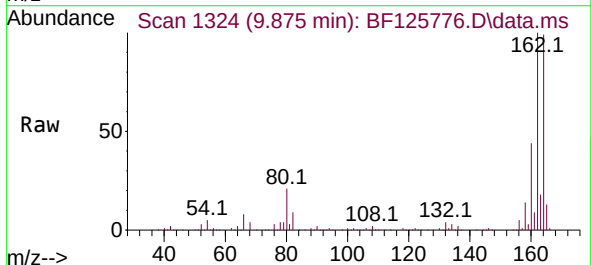
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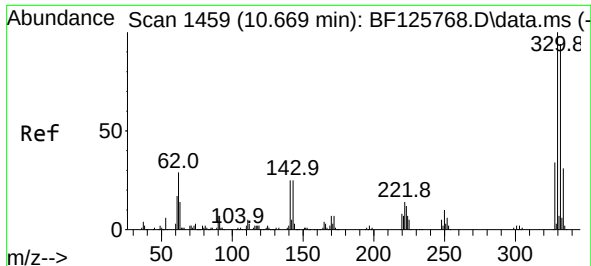
Tgt Ion: 82 Resp: 1546527
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion: 164 Resp: 576473
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.0 38.0 57.0

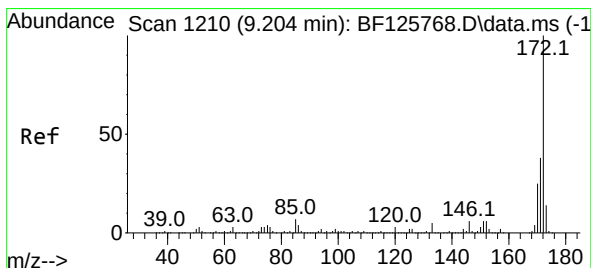
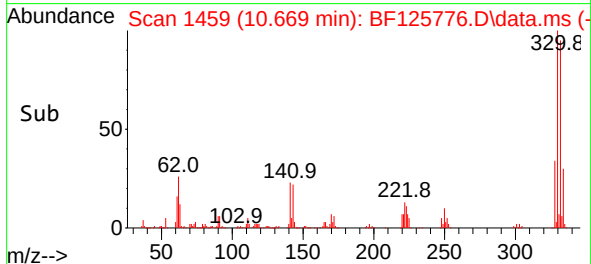
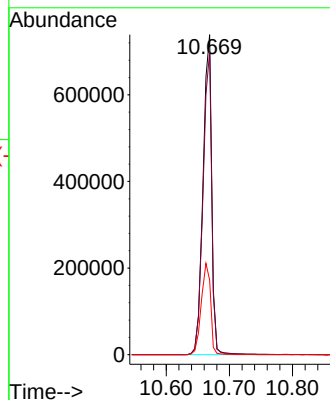
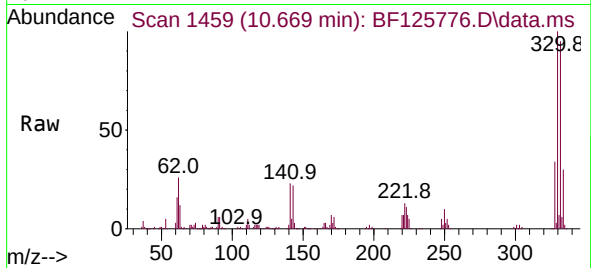




#42
2,4,6-Tribromophenol
Concen: 123.971 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

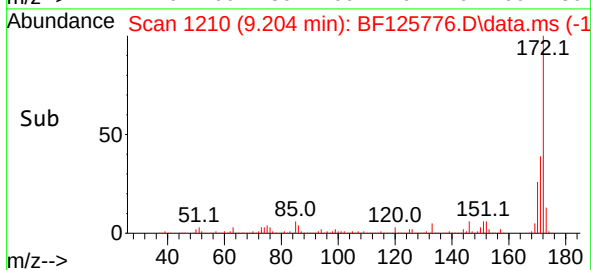
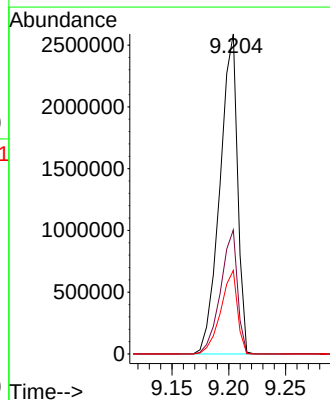
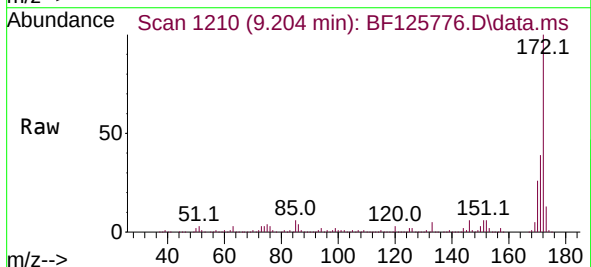
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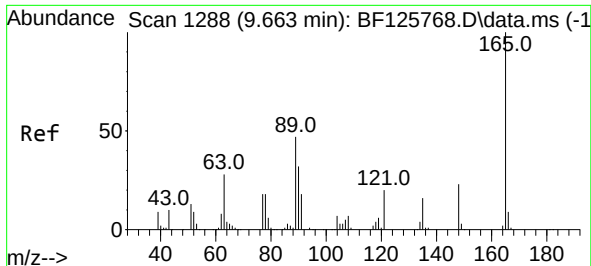
Tgt Ion:330 Resp: 705592
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 83.929 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion:172 Resp: 2805075
Ion Ratio Lower Upper
172 100
171 38.7 26.5 39.7
170 26.1 18.8 28.2

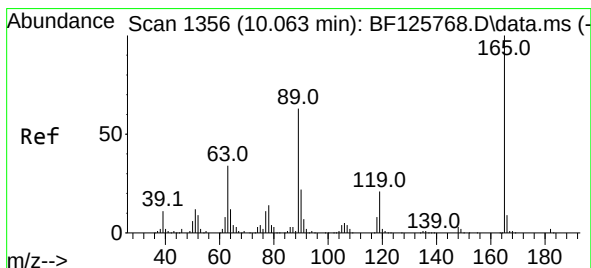
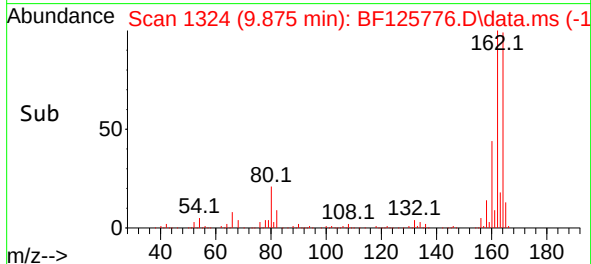
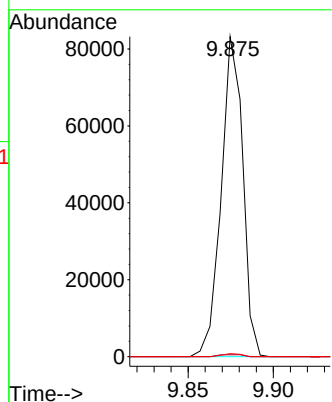
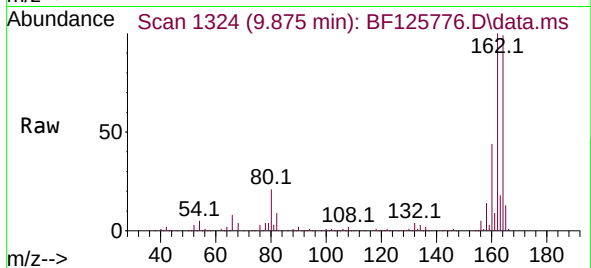




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

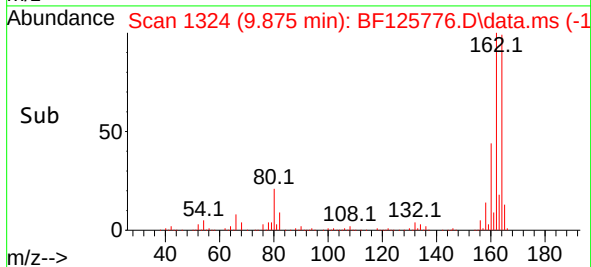
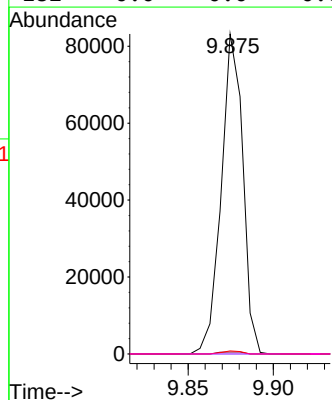
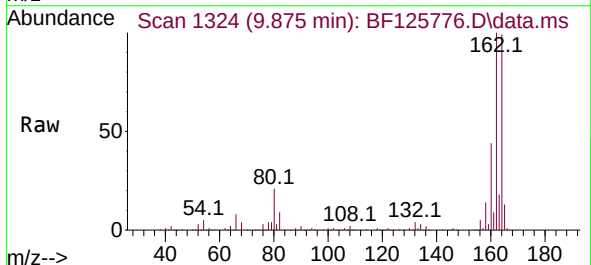
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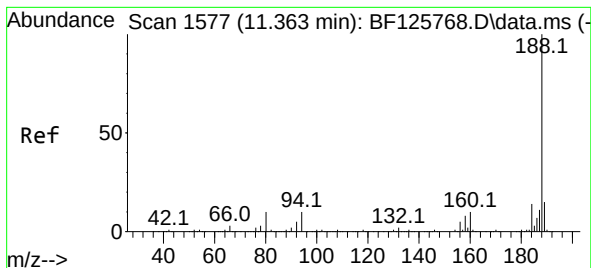
Tgt Ion:165 Resp: 73272
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.555 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion:165 Resp: 73272
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

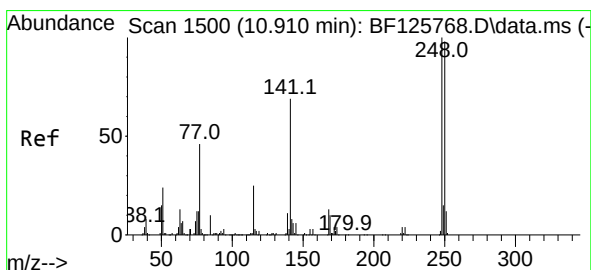
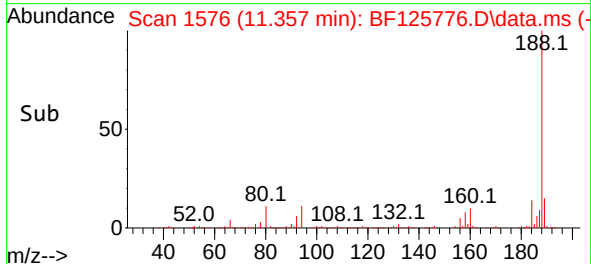
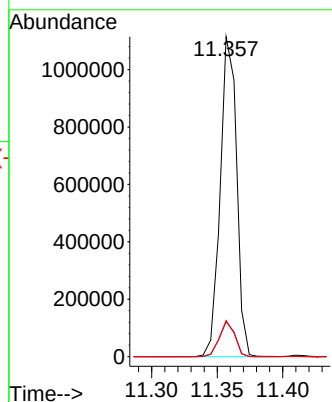
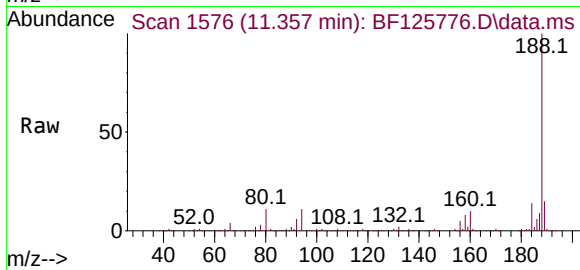




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

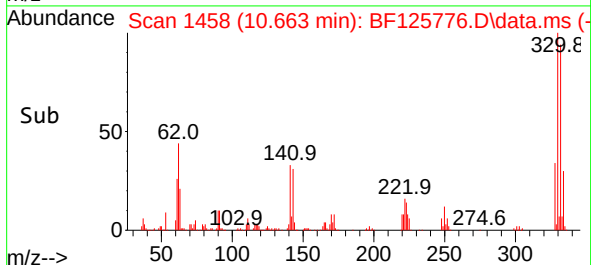
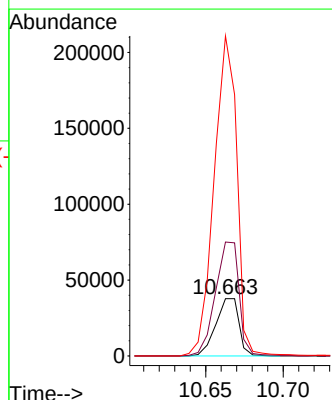
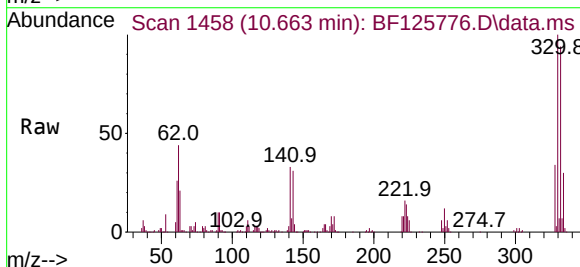
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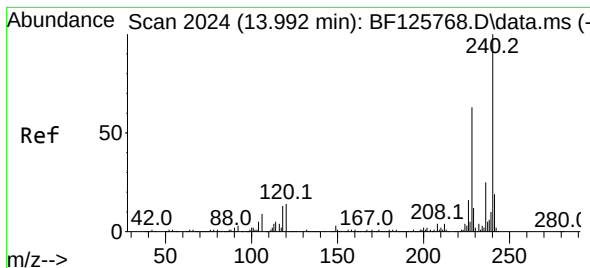
Tgt Ion:188 Resp: 967908
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 11.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.675 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion:248 Resp: 39393
Ion Ratio Lower Upper
248 100
250 198.6 74.2 111.4#
141 557.9 60.4 90.6#

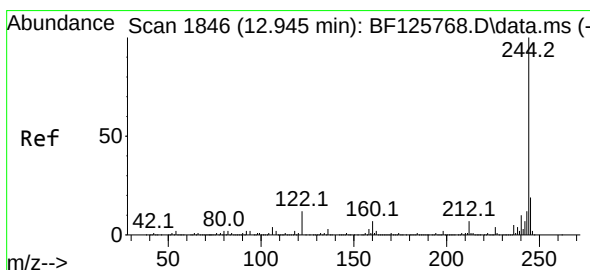
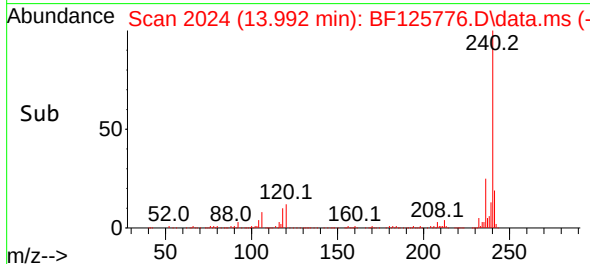
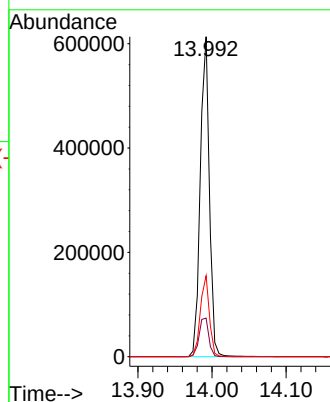
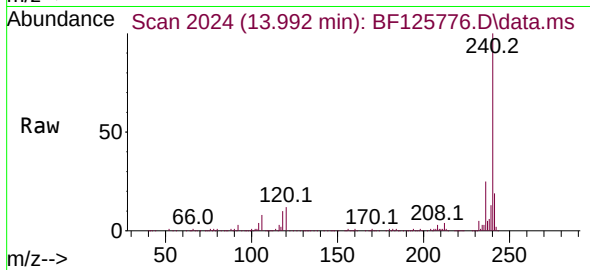




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

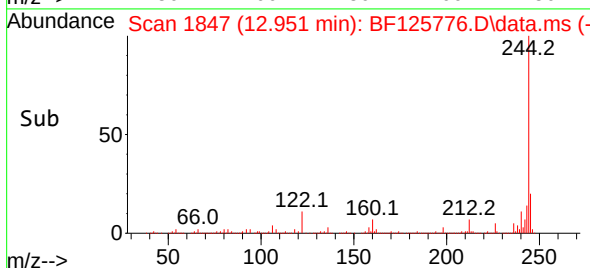
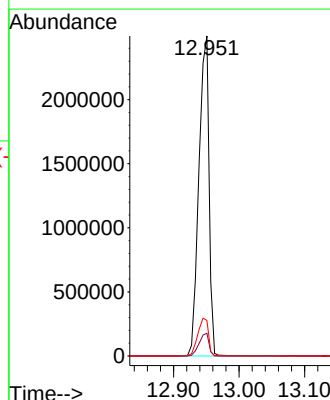
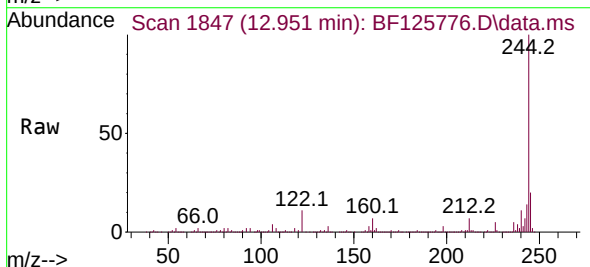
Instrument :
BNA_F
ClientSampleId :
PB139688BL

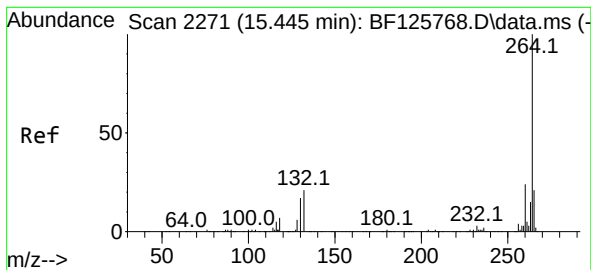
Tgt Ion:240 Resp: 524548
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 78.201 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF125776.D
Acq: 8 Oct 2021 10:48

Tgt Ion:244 Resp: 2692936
Ion Ratio Lower Upper
244 100
212 7.1 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: BF125776.D
Acq: 8 Oct 2021 10:48

Instrument :
BNA_F
ClientSampleId :
PB139688BL

Tgt Ion:264 Resp: 399863

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.9	17.2	25.8

