

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125875.D
 Acq On : 18 Oct 2021 14:06
 Operator : JU/CG
 Sample : M4260-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-DA-(1)

Quant Time: Oct 19 09:06:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

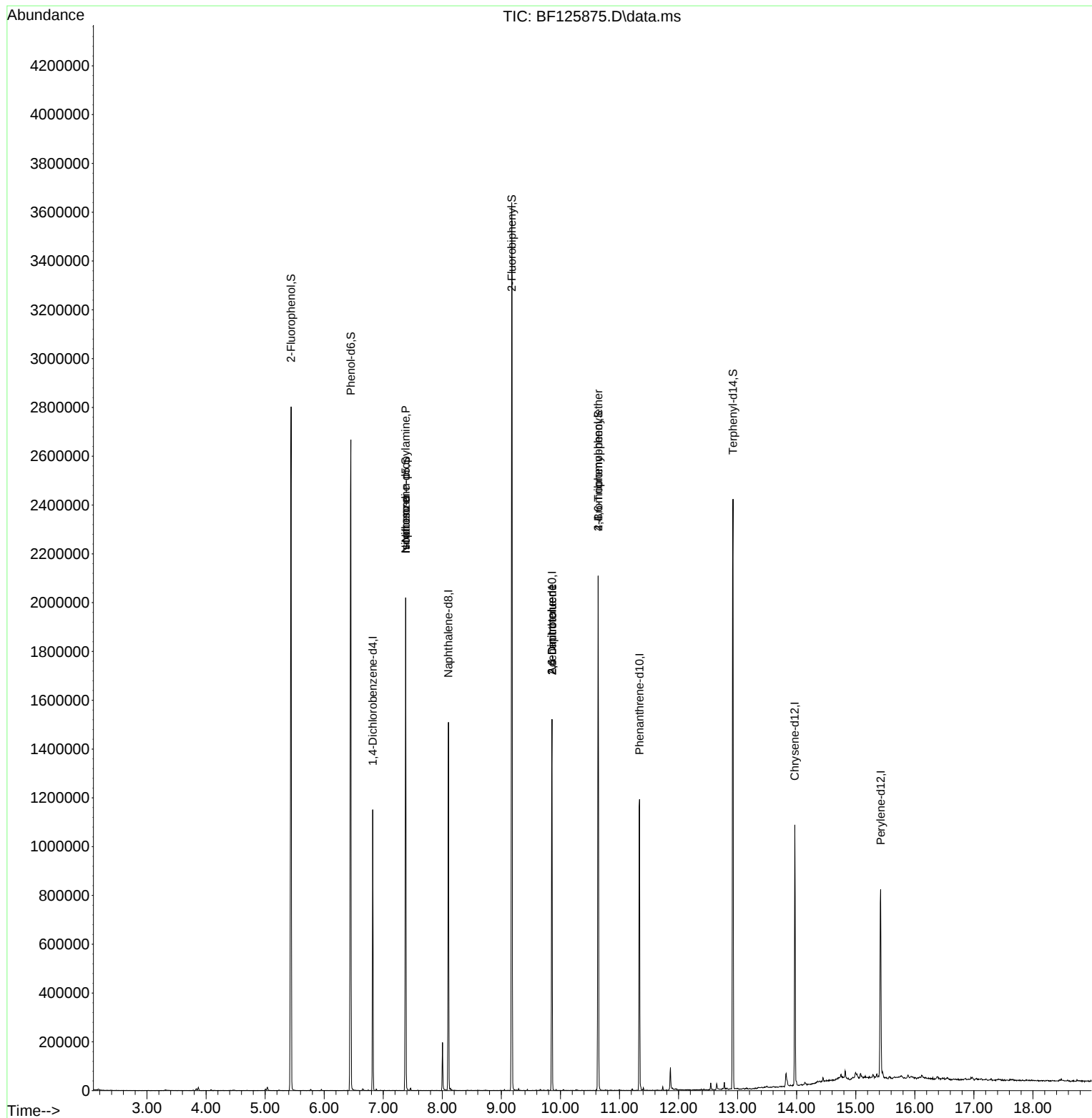
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	158401	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	636619	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	316194	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	461724	20.000	ng	0.00
76) Chrysene-d12	13.968	240	332329	20.000	ng	0.00
86) Perylene-d12	15.421	264	335719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	874917	90.232	ng	0.00
7) Phenol-d6	6.451	99	1067536	85.524	ng	0.00
23) Nitrobenzene-d5	7.381	82	626006	61.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	250968	80.392	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1172528	63.961	ng	0.00
79) Terphenyl-d14	12.921	244	797057	36.534	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	77171	11.711	ng	# 50
25) Isophorone	7.381	82	623587	34.368	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	39792	9.458	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	39792	7.480	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	14496	2.835	ng	# 1

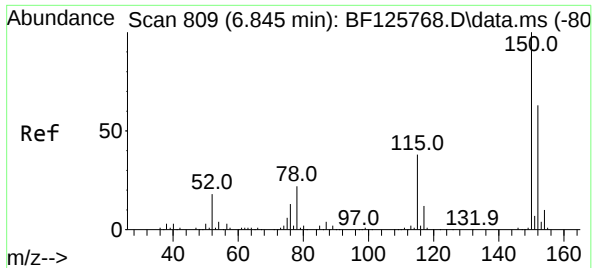
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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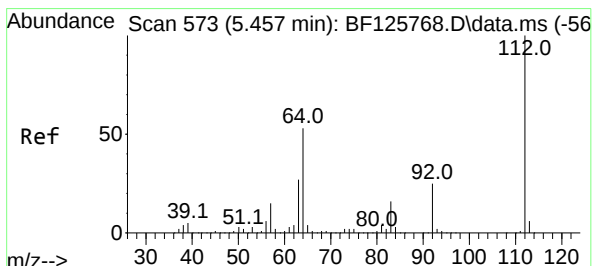
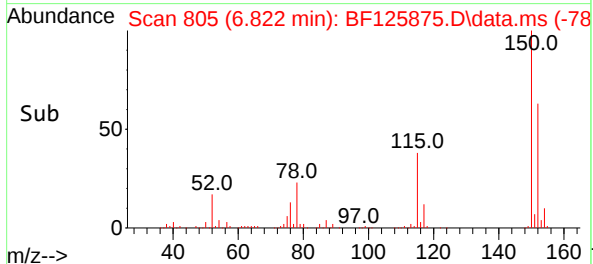
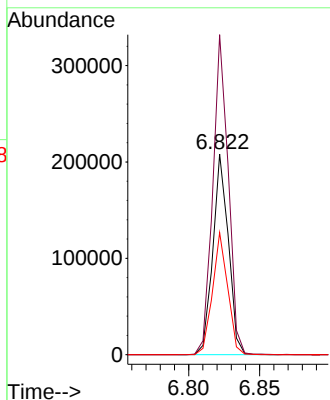
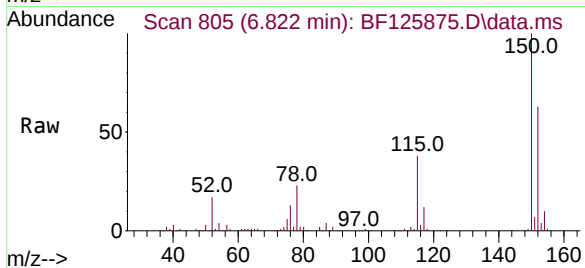




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

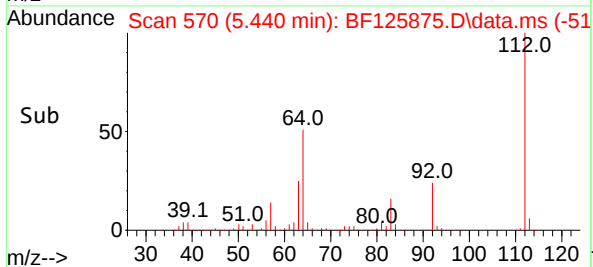
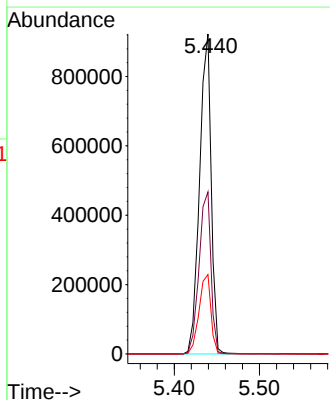
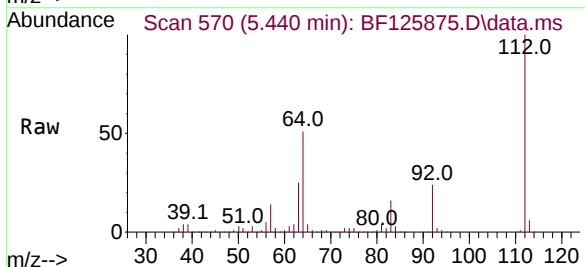
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BNA_F
ClientSampleId :
TEST-DA-(1)

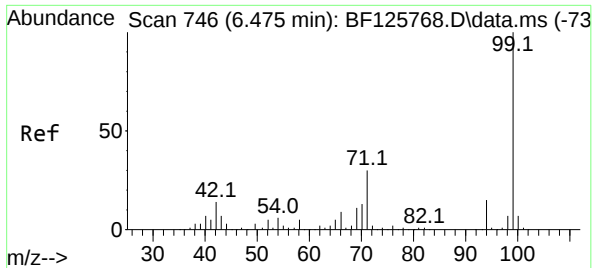
Tgt Ion:152 Resp: 158401
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 90.232 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:112 Resp: 874917
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 24.8 26.2 39.2#

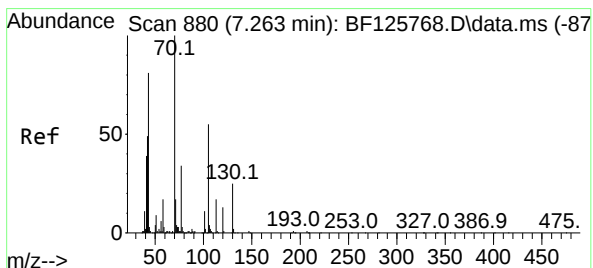
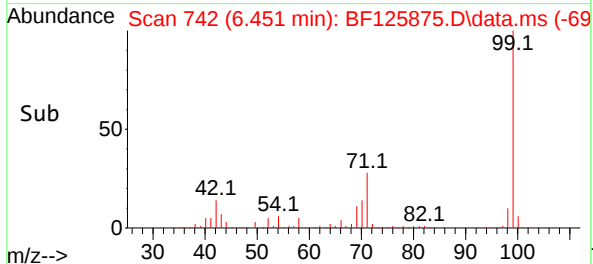
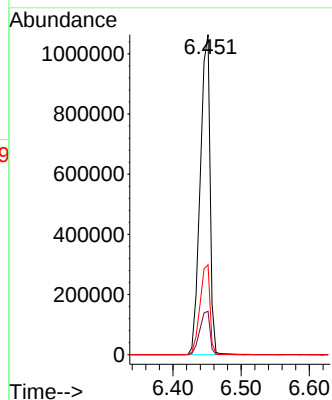
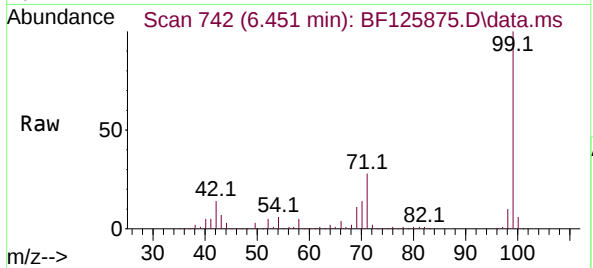




#7
Phenol-d6
Concen: 85.524 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

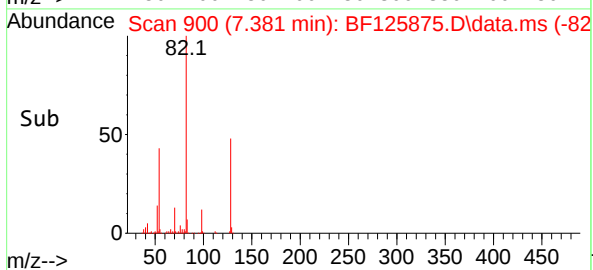
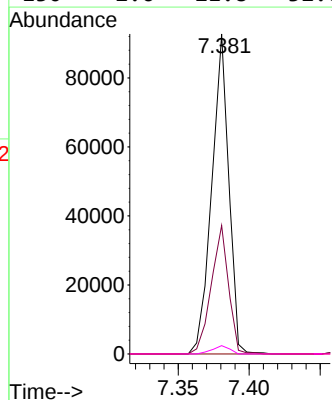
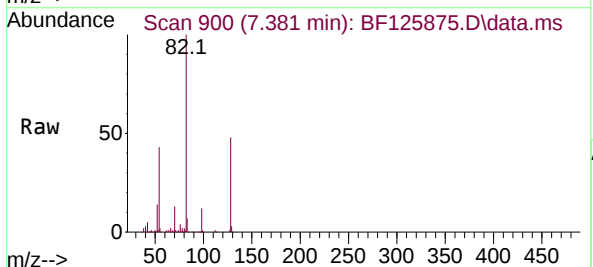
Instrument :
BNA_F
ClientSampleId :
TEST-DA-(1)

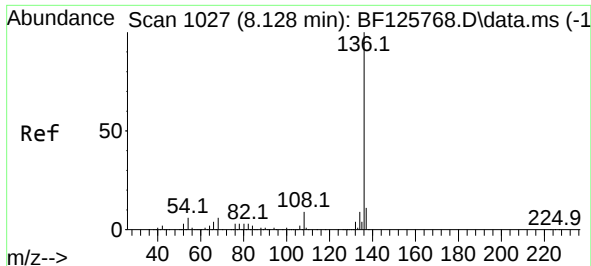
Tgt Ion: 99 Resp: 1067536
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 28.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.711 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion: 70 Resp: 77171
Ion Ratio Lower Upper
70 100
42 40.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

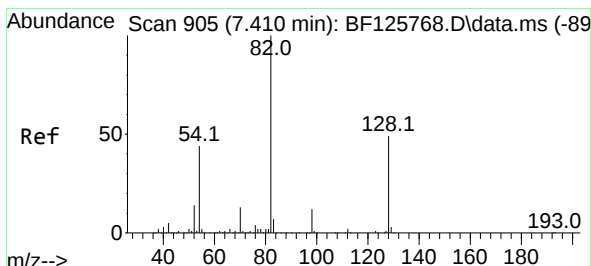
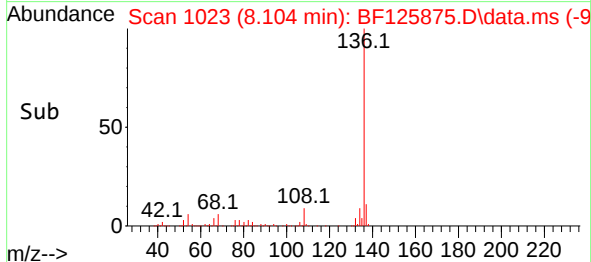
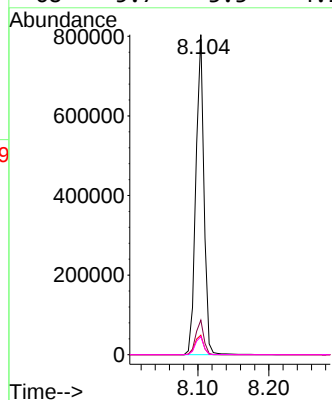
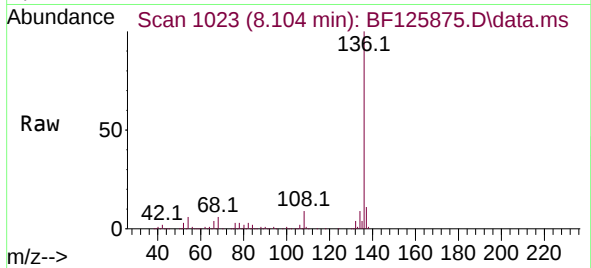




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

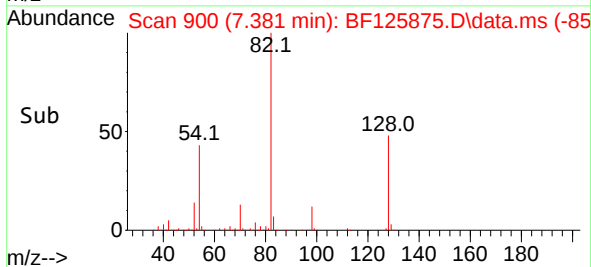
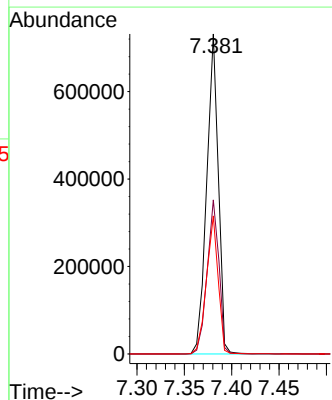
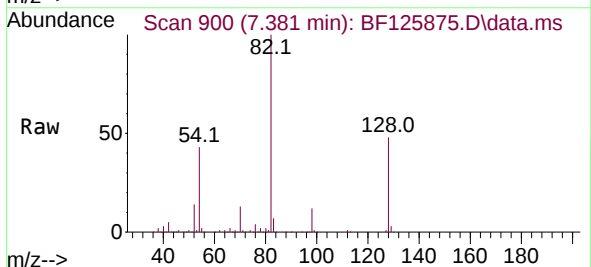
Instrument :
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ClientSampleId :
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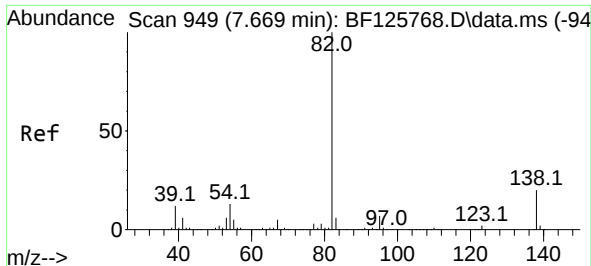
Tgt Ion:	136	Resp:	636619
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.6
54	6.1	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.124 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:	82	Resp:	626006
Ion Ratio	Lower	Upper	
82	100		
128	48.2	40.6	60.8
54	43.1	49.6	74.4#

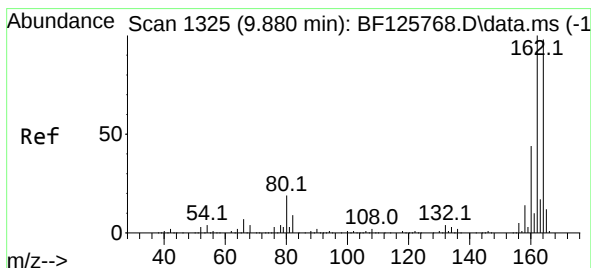
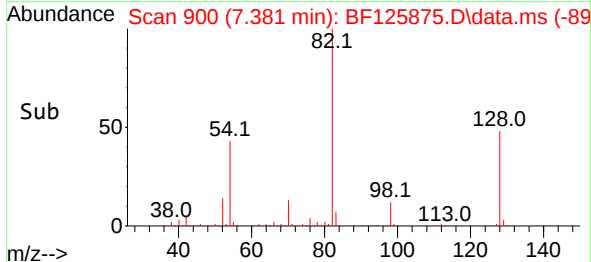
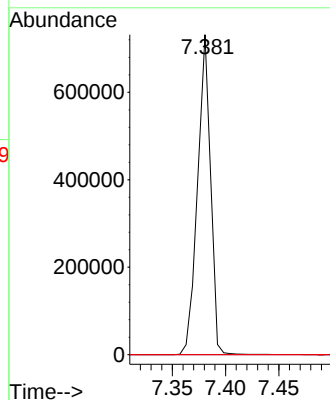
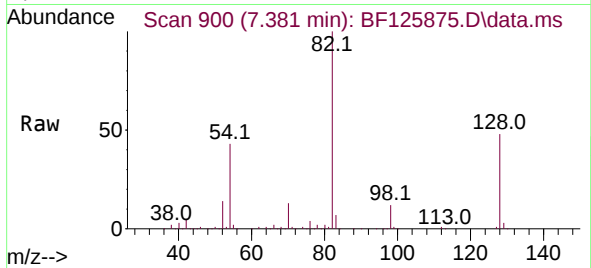




#25
Isophorone
Concen: 34.368 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

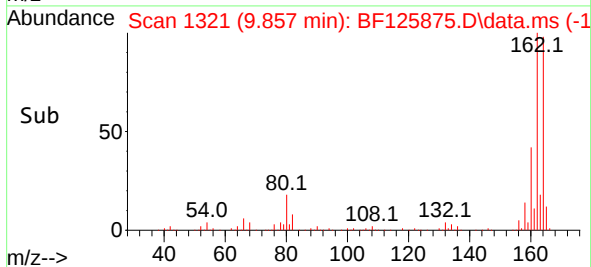
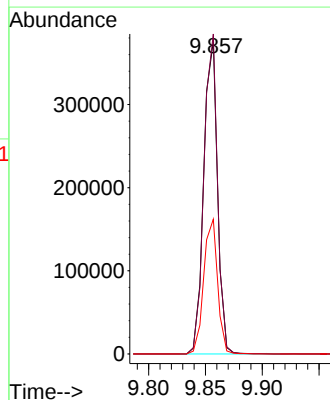
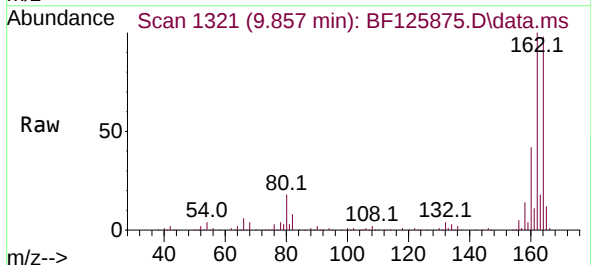
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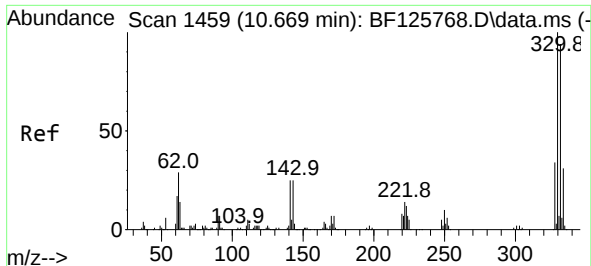
Tgt Ion: 82 Resp: 623587
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion: 164 Resp: 316194
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 43.1 38.0 57.0

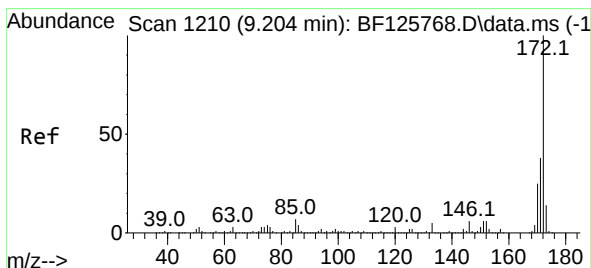
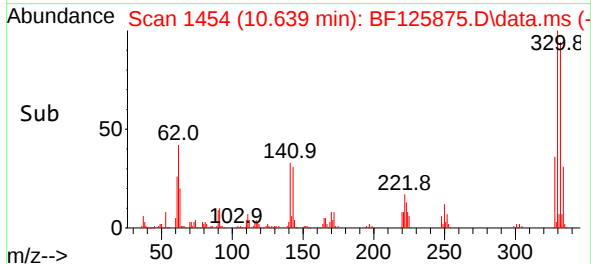
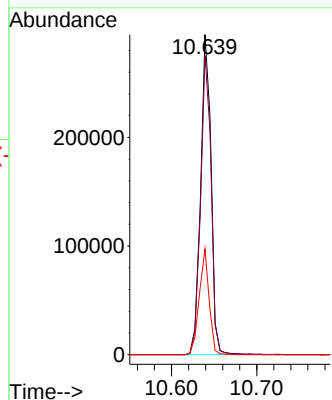
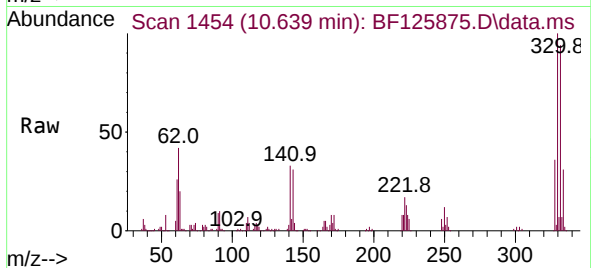




#42
2,4,6-Tribromophenol
Concen: 80.392 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

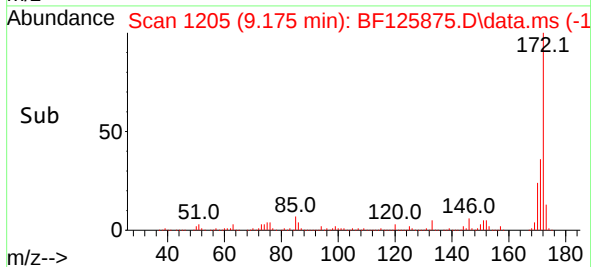
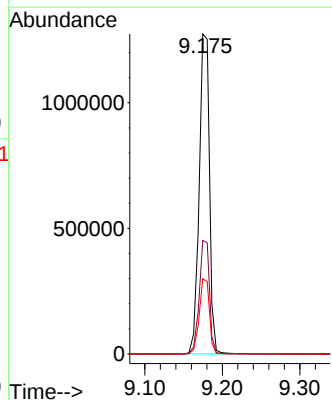
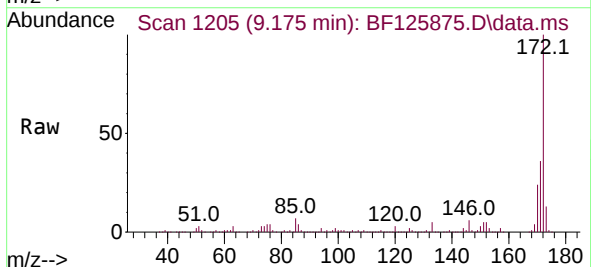
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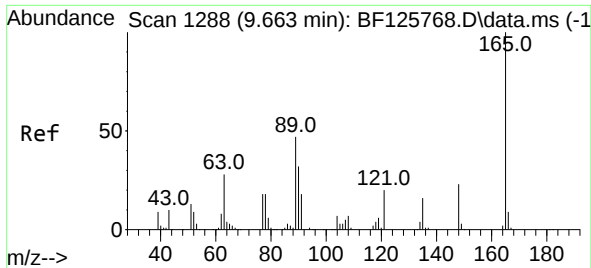
Tgt Ion:330 Resp: 250968
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 31.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 63.961 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:172 Resp: 1172528
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.5 18.8 28.2

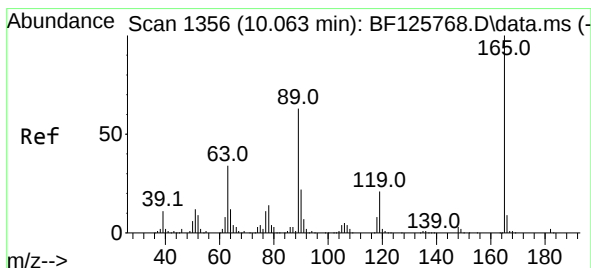
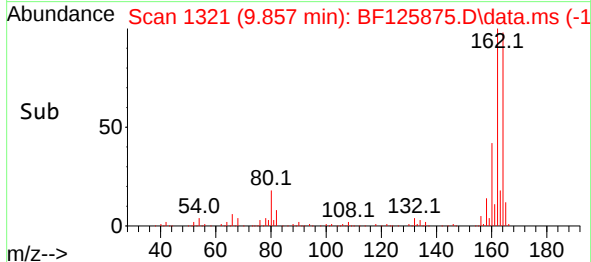
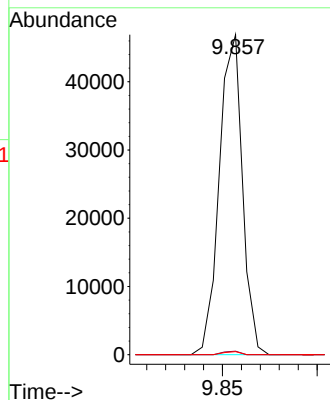
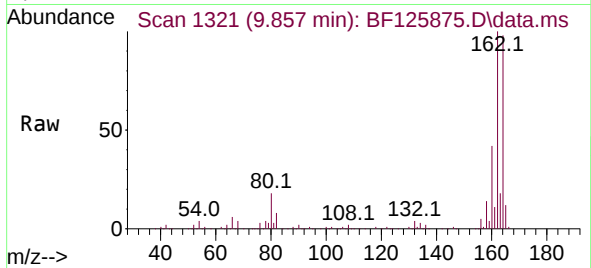




#51
2,6-Dinitrotoluene
Concen: 9.458 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

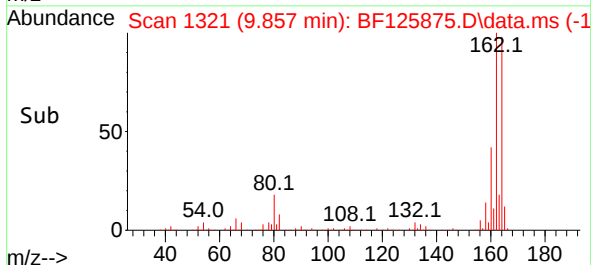
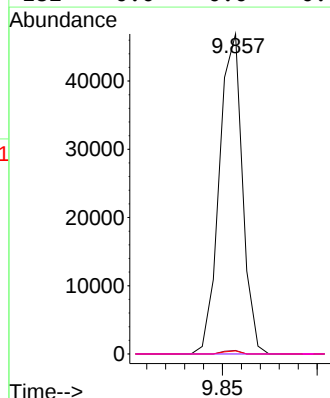
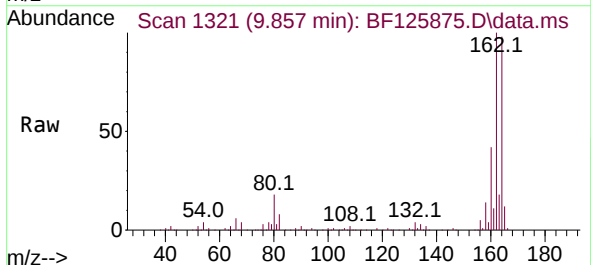
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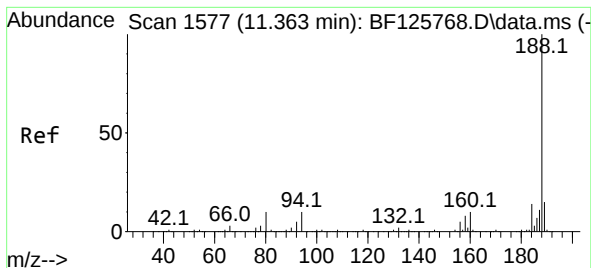
Tgt Ion:165 Resp: 39792
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.480 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:165 Resp: 39792
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

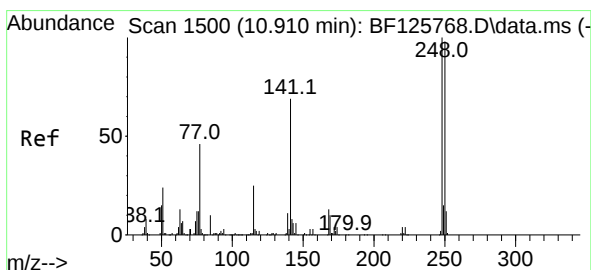
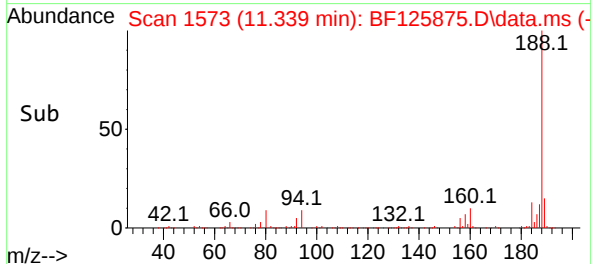
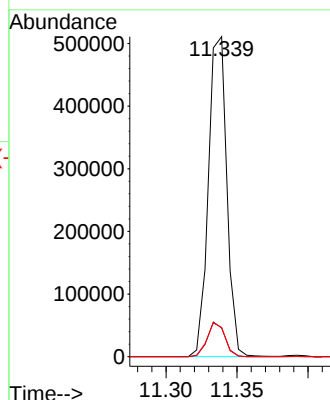
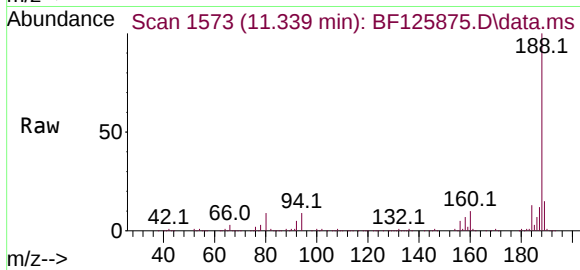




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

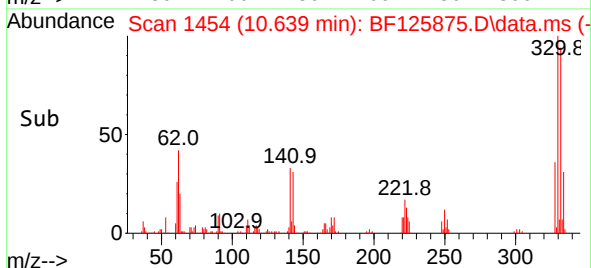
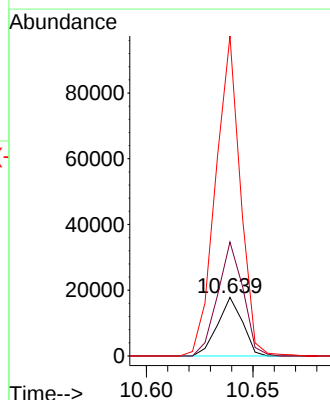
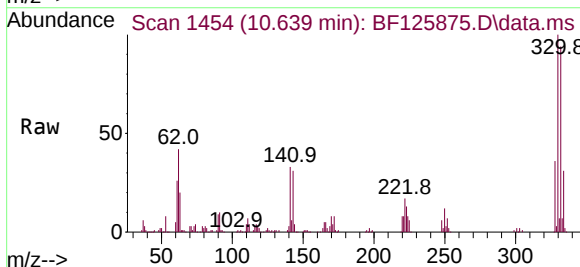
Instrument :
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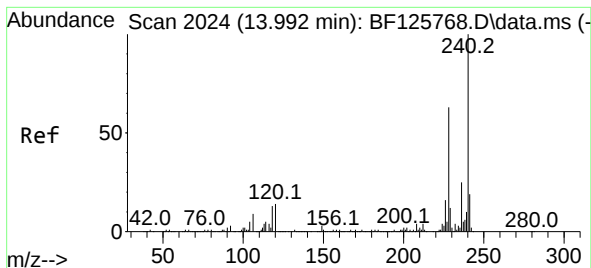
Tgt Ion:188 Resp: 461724
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.835 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:248 Resp: 14496
Ion Ratio Lower Upper
248 100
250 194.4 74.2 111.4#
141 546.5 60.4 90.6#

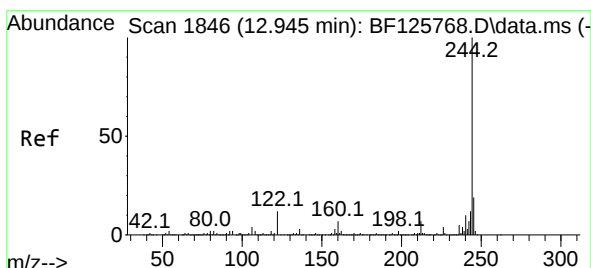
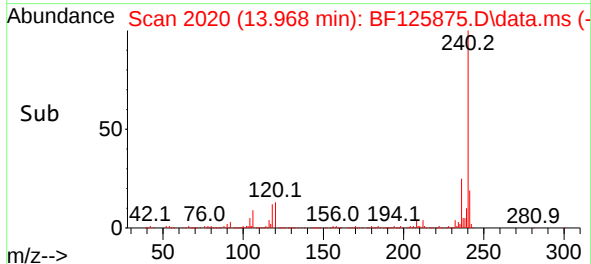
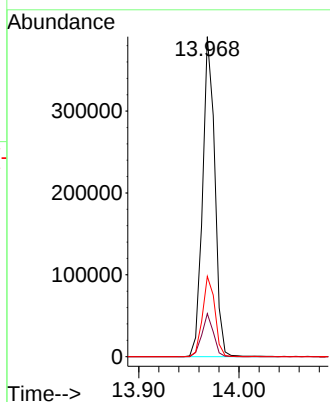
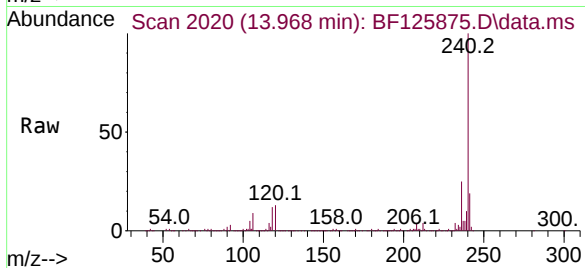




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

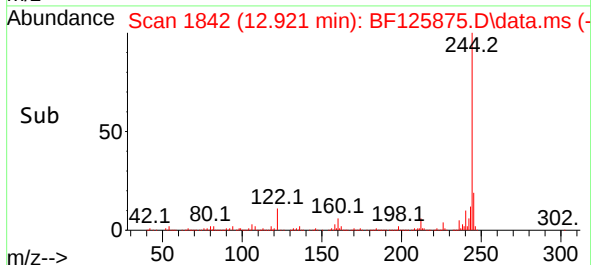
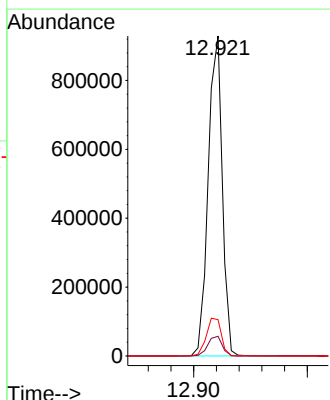
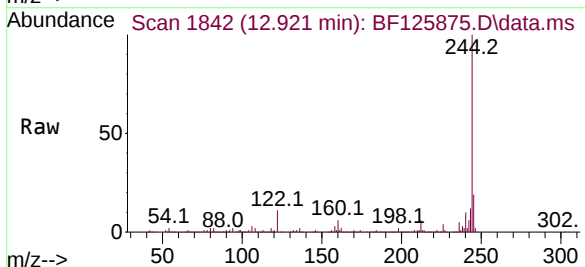
Instrument :
BNA_F
ClientSampleId :
TEST-DA-(1)

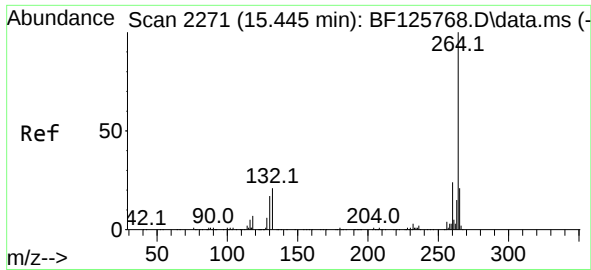
Tgt Ion:	240	Resp:	332329
Ion Ratio	Lower	Upper	
240	100		
120	13.5	10.8	16.2
236	25.1	21.6	32.4



#79
Terphenyl-d14
Concen: 36.534 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Tgt Ion:	244	Resp:	797057
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.9	8.9
122	11.3	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125875.D
Acq: 18 Oct 2021 14:06

Instrument :
BNA_F
ClientSampleId :
TEST-DA-(1)

Tgt Ion:264	Resp:	335719
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	21.3	17.2 25.8

