

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125008.D
 Acq On : 9 Aug 2021 18:49
 Operator : JU/CG
 Sample : M3318-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210586-COM-9

Quant Time: Aug 10 04:45:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

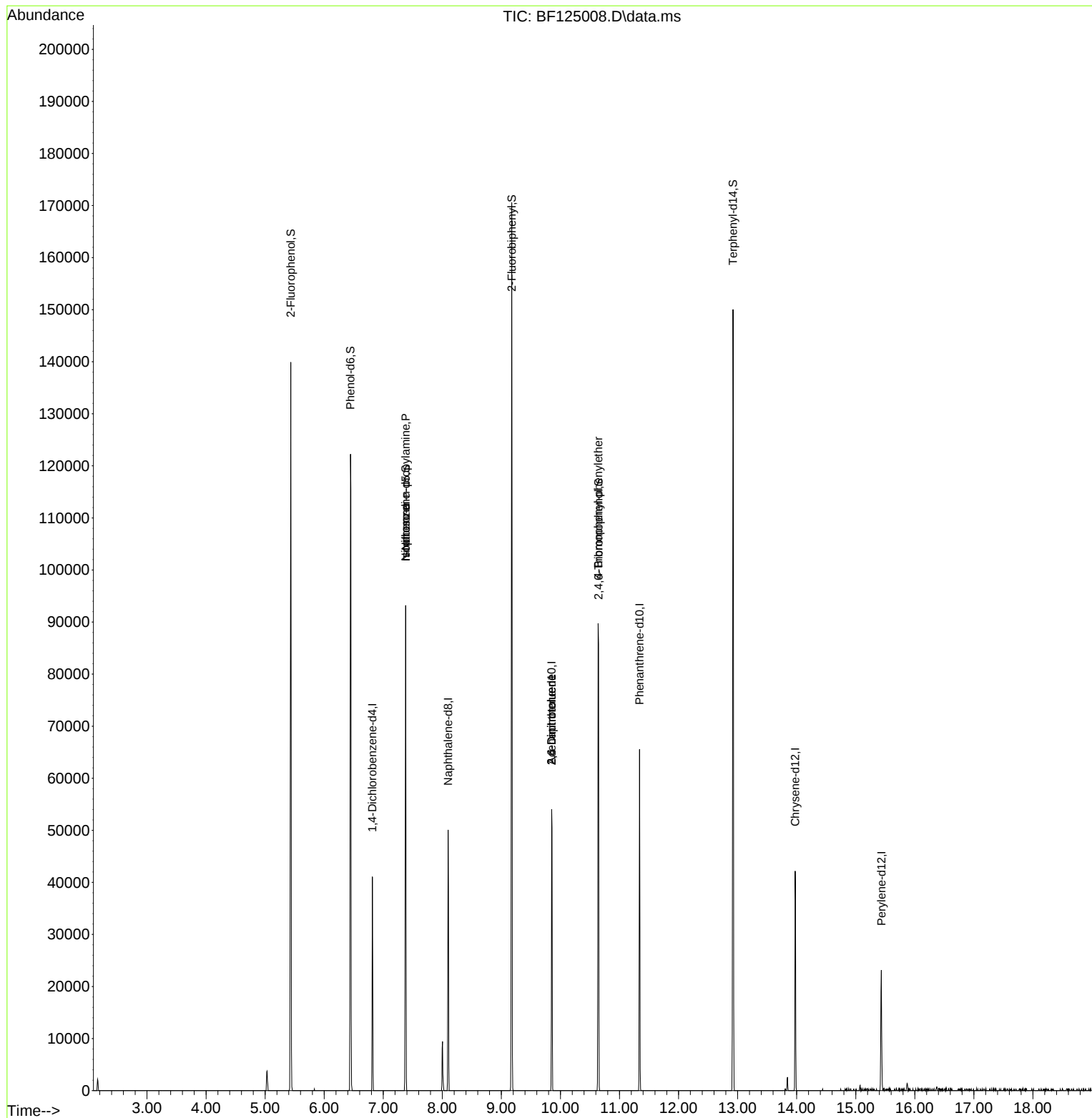
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	5596	20.00	ng	# 0.00
21) Naphthalene-d8	8.098	136	22301	20.00	ng	# 0.00
39) Acenaphthene-d10	9.851	164	12223	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	22820	20.00	ng	0.00
76) Chrysene-d12	13.974	240	15935	20.00	ng	-0.01
86) Perylene-d12	15.433	264	10935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	34058	99.70	ng	0.00
7) Phenol-d6	6.445	99	41252	95.77	ng	-0.01
23) Nitrobenzene-d5	7.381	82	26207	61.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	9436	86.41	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	48257	57.77	ng	0.00
79) Terphenyl-d14	12.921	244	51482	54.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	3438	13.45	ng	# 72
25) Isophorone	7.381	82	26206	36.02	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	1551	8.41	ng	# 26
57) 2,4-Dinitrotoluene	9.851	165	1551	6.19	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	620	2.48	ng	# 1

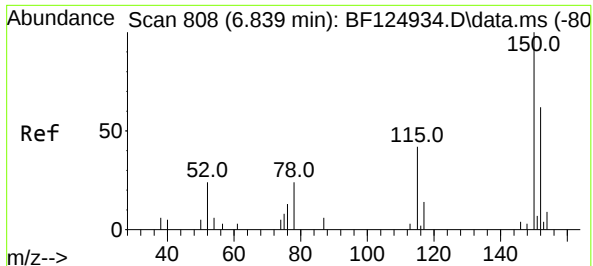
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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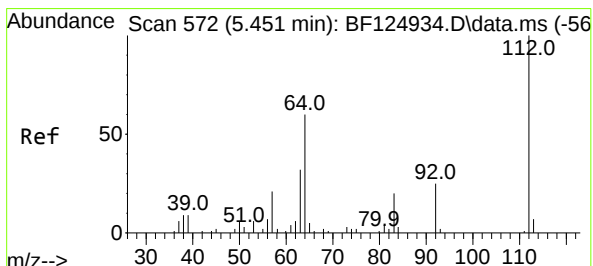
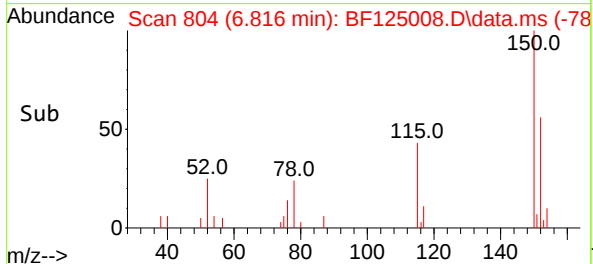
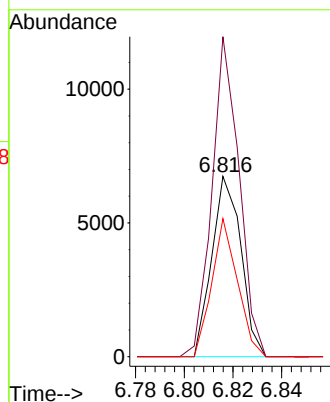
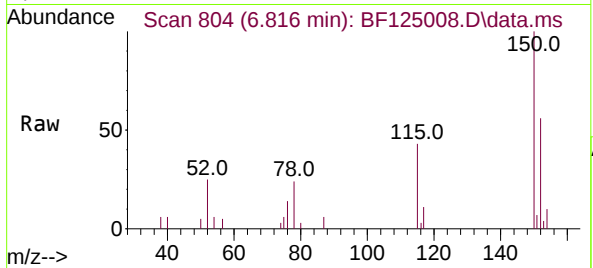




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

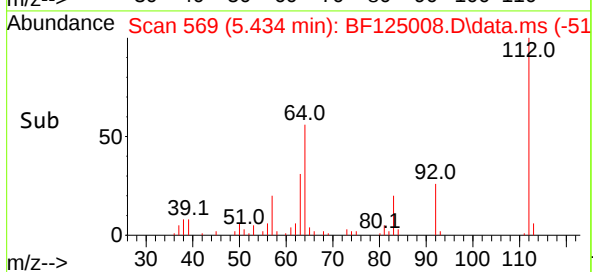
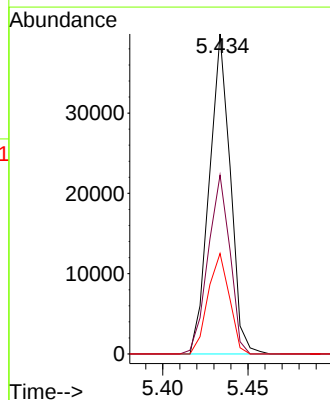
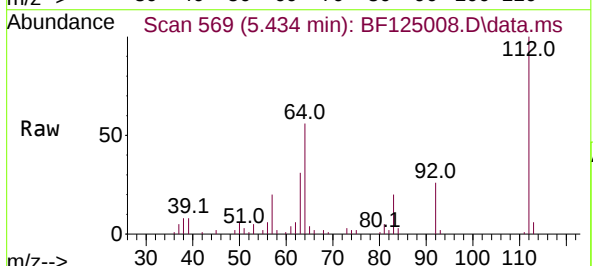
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

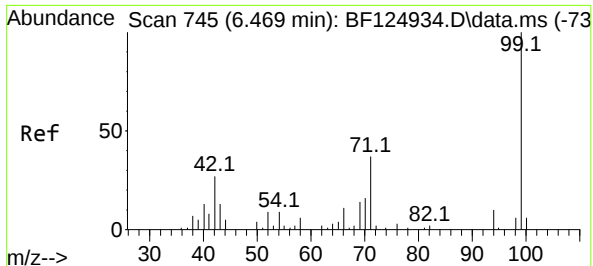
Tgt Ion:152 Resp: 5596
Ion Ratio Lower Upper
152 100
150 177.5 117.6 176.4#
115 76.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 99.70 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion:112 Resp: 34058
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 31.4 26.2 39.2

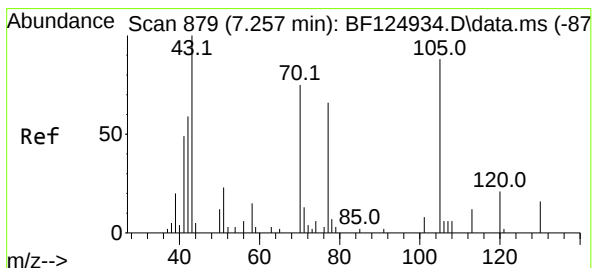
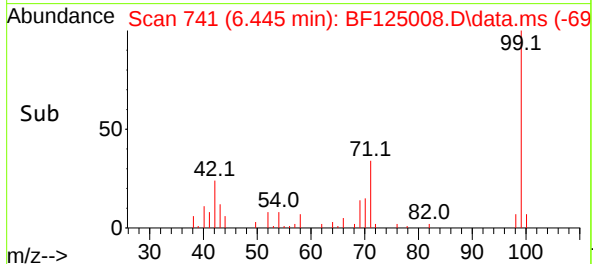
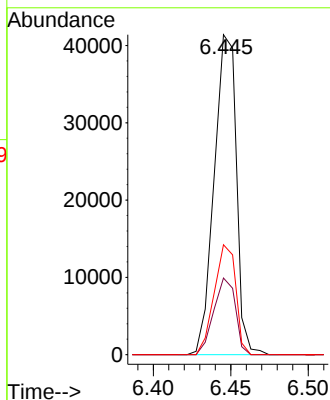
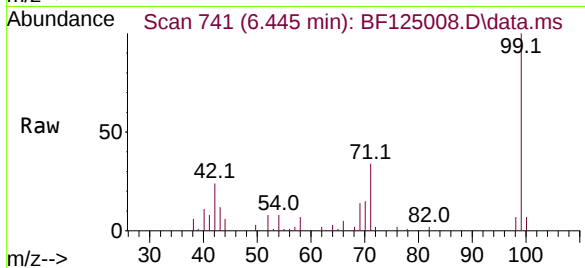




#7
Phenol-d6
Concen: 95.77 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

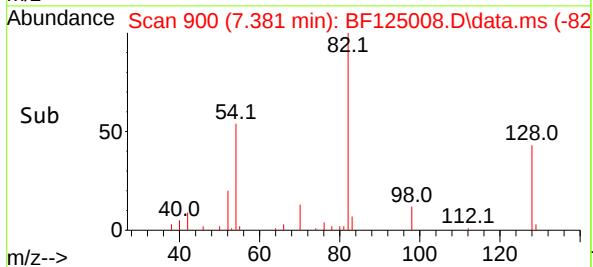
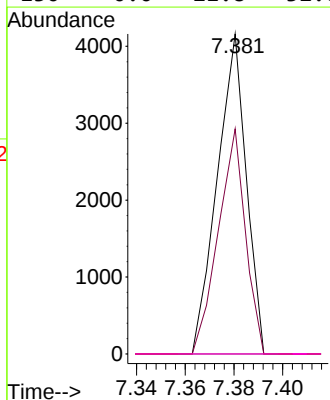
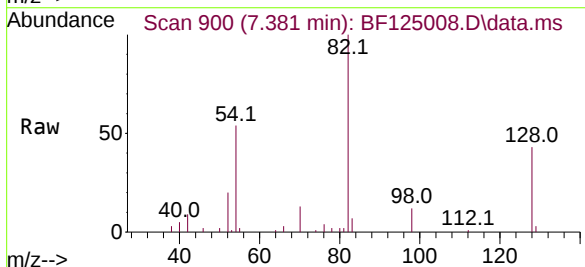
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

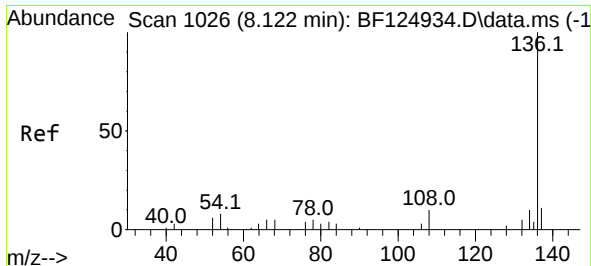
Tgt Ion: 99 Resp: 41252
Ion Ratio Lower Upper
99 100
42 23.9 23.5 35.3
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 70 Resp: 3438
Ion Ratio Lower Upper
70 100
42 70.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

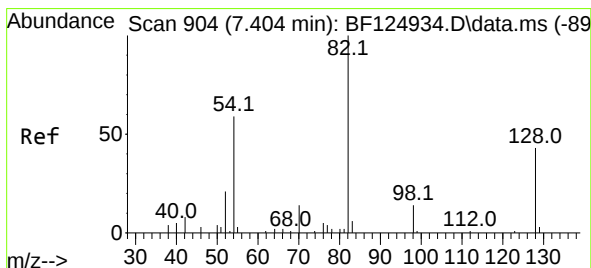
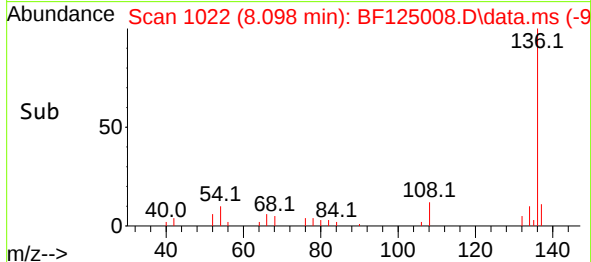
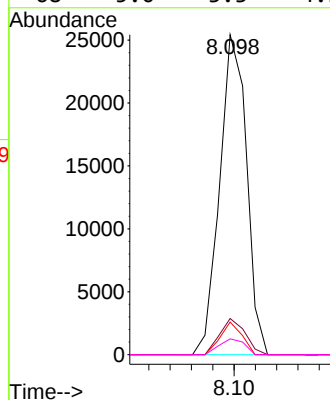
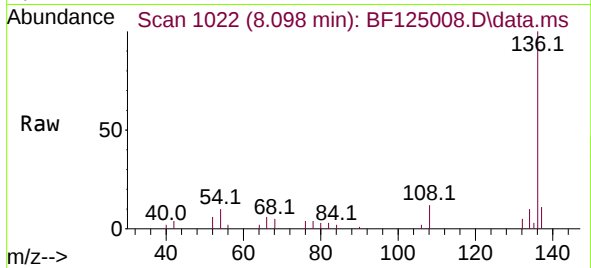




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

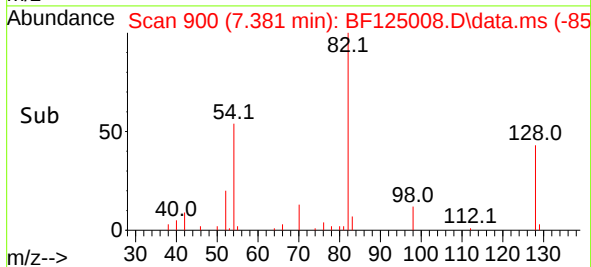
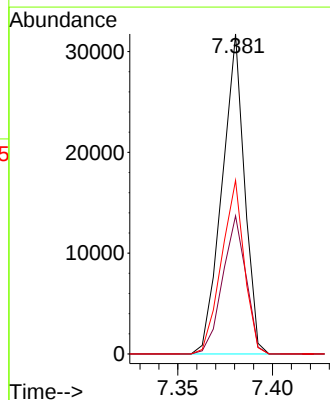
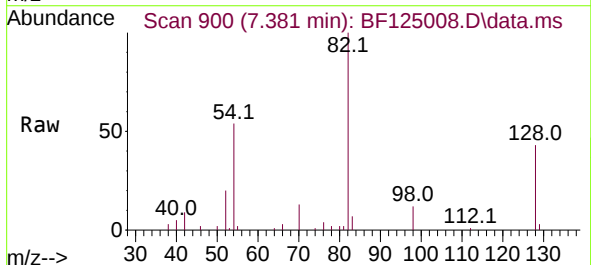
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

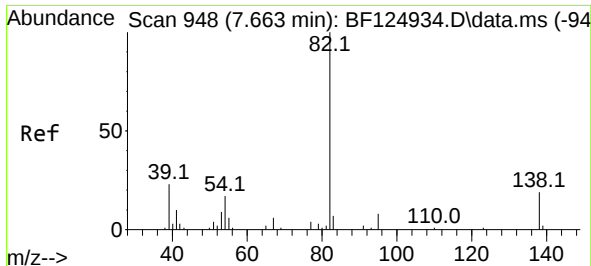
Tgt Ion:136	Resp:	22301
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	10.2	6.4 9.6#
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.48 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 82	Resp:	26207
Ion Ratio	Lower	Upper
82	100	
128	43.2	40.6 60.8
54	54.3	49.6 74.4

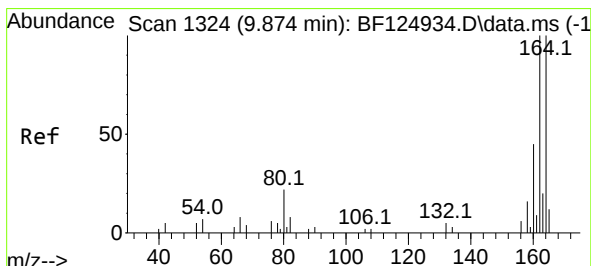
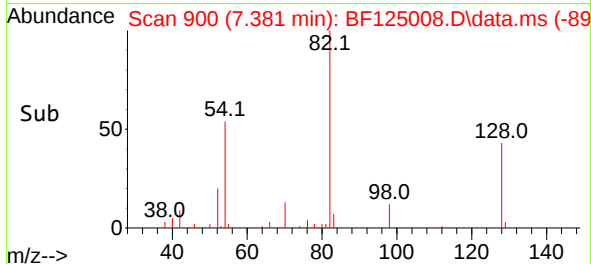
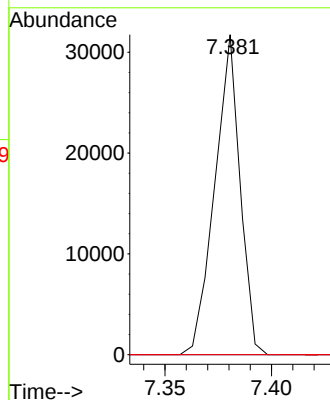
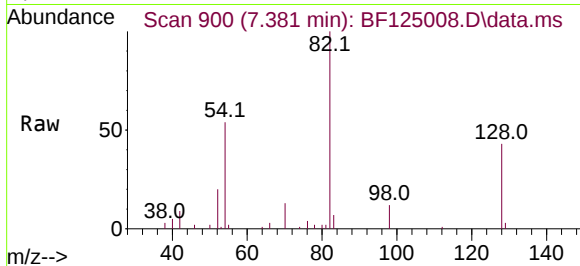




#25
Isophorone
Concen: 36.02 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

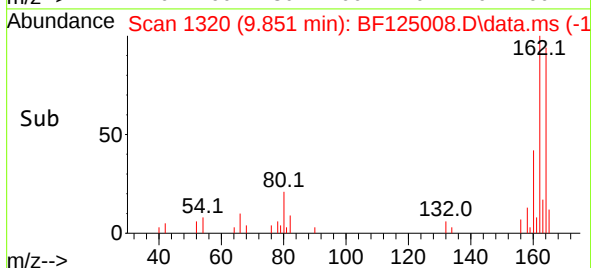
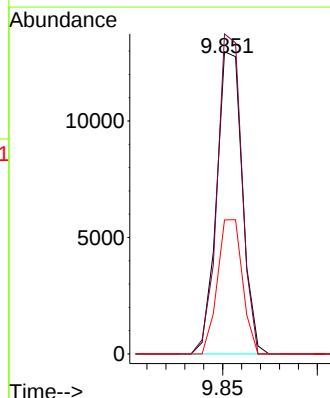
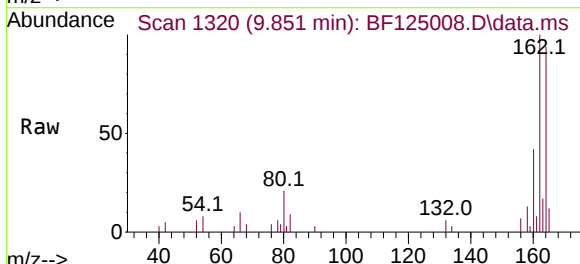
Instrument :
BNA_F
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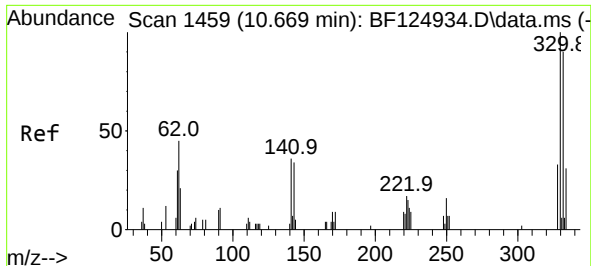
Tgt Ion: 82 Resp: 26206
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 164 Resp: 12223
Ion Ratio Lower Upper
164 100
162 105.9 81.3 121.9
160 44.4 38.0 57.0

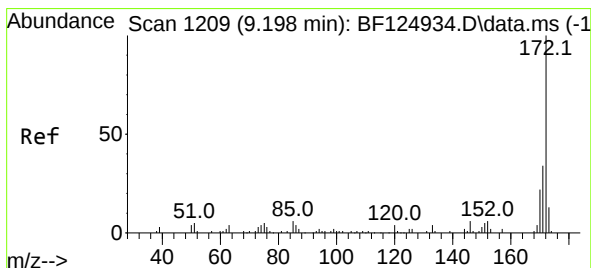
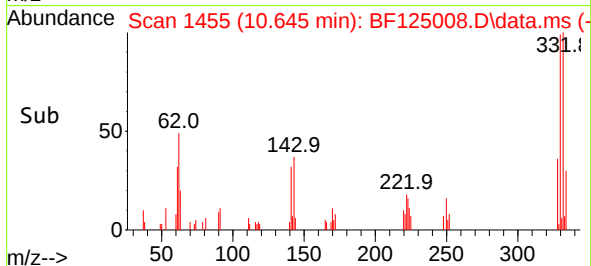
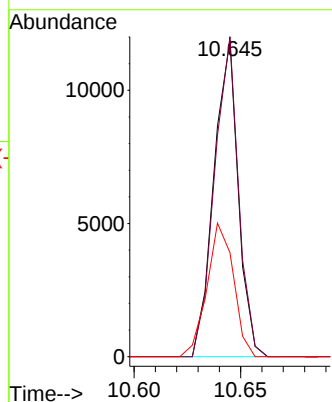
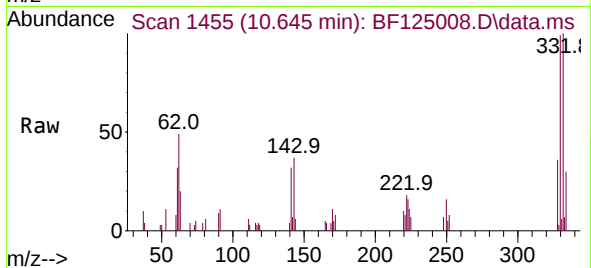




#42
2,4,6-Tribromophenol
Concen: 86.41 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

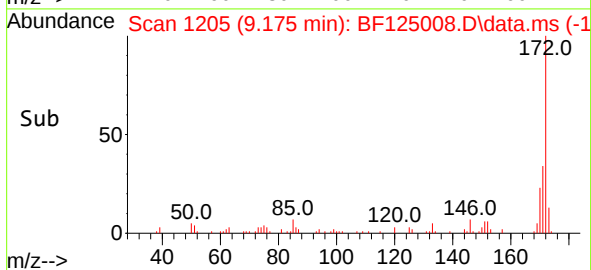
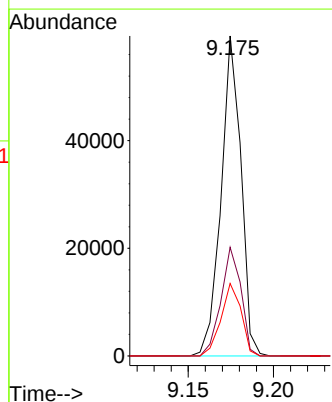
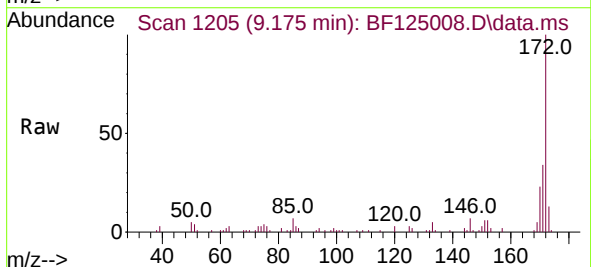
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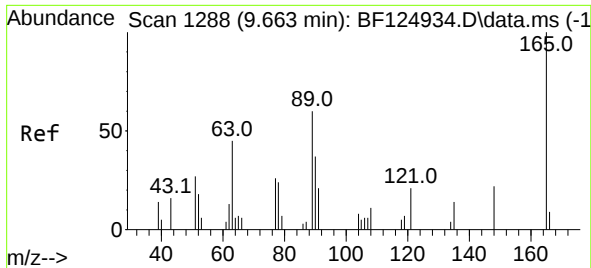
Tgt Ion: 330 Resp: 9436
Ion Ratio Lower Upper
330 100
332 99.6 76.2 114.4
141 45.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 57.77 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion: 172 Resp: 48257
Ion Ratio Lower Upper
172 100
171 33.9 26.5 39.7
170 22.6 18.8 28.2

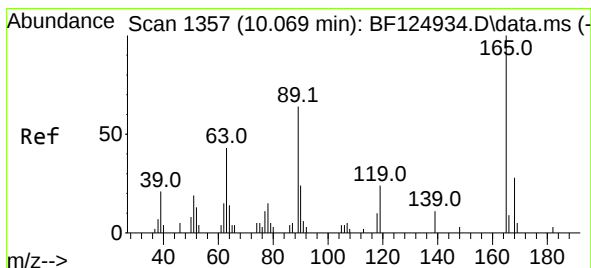
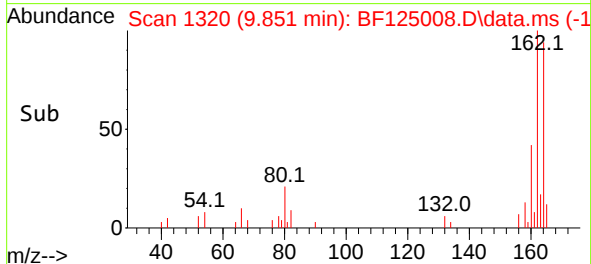
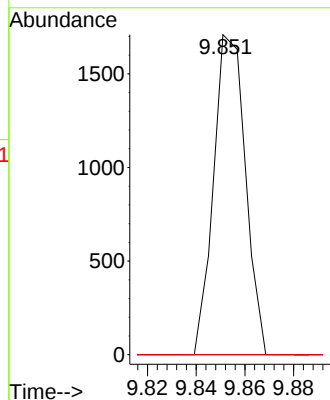
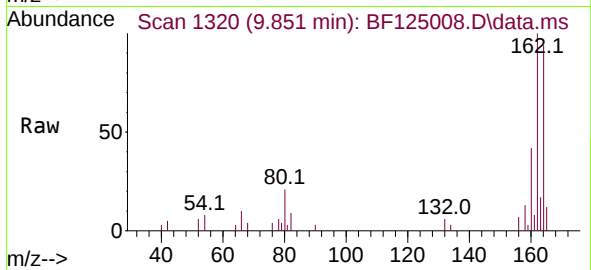




#51
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

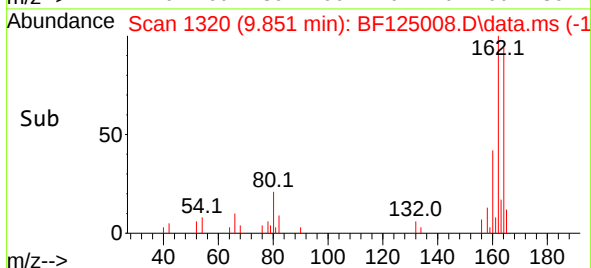
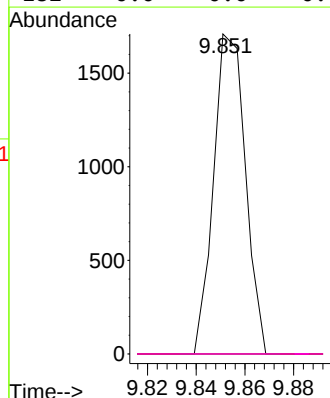
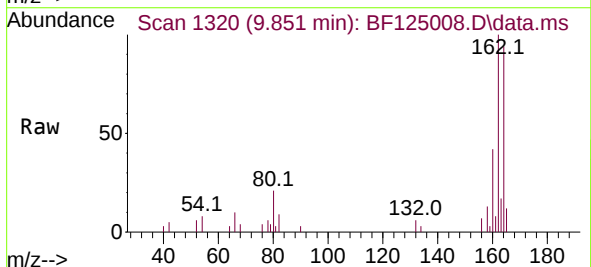
Instrument :
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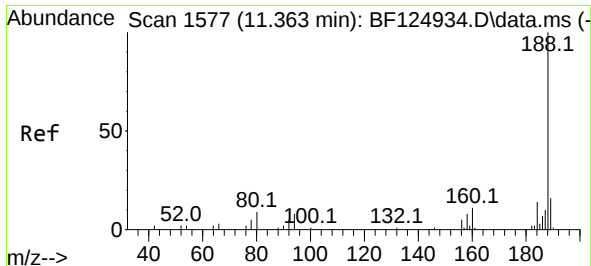
Tgt Ion:165 Resp: 1551
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion:165 Resp: 1551
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

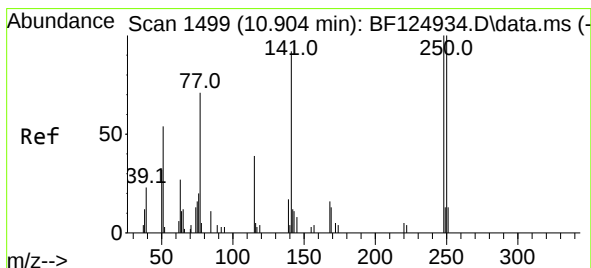
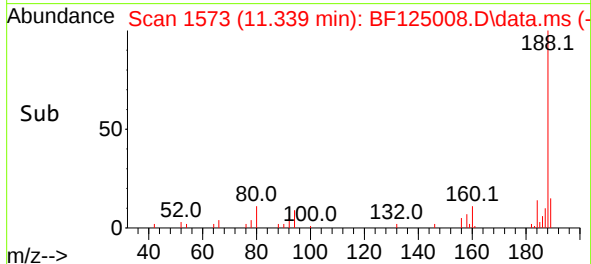
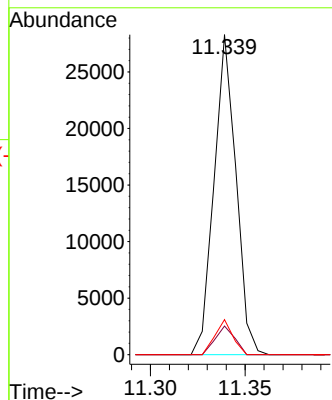
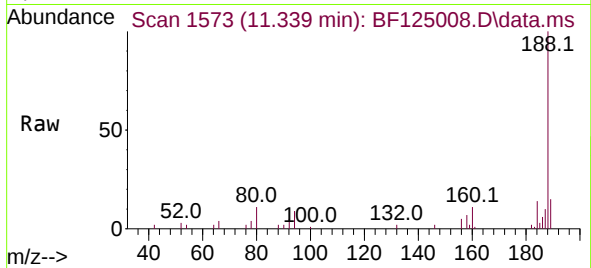




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

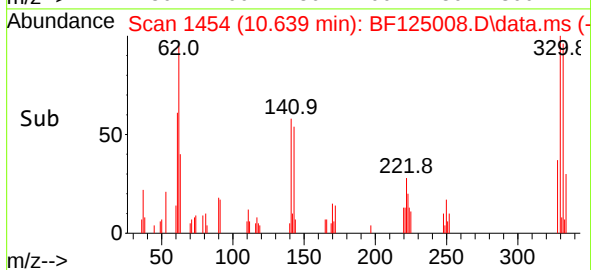
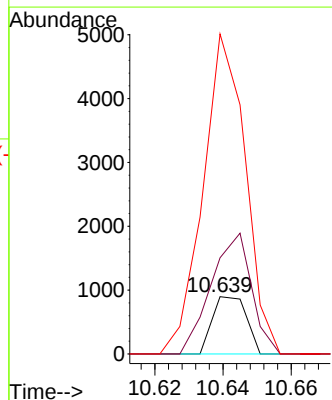
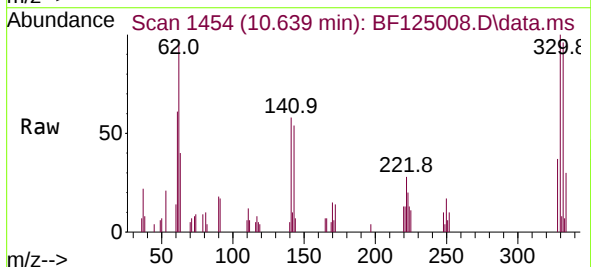
Instrument :
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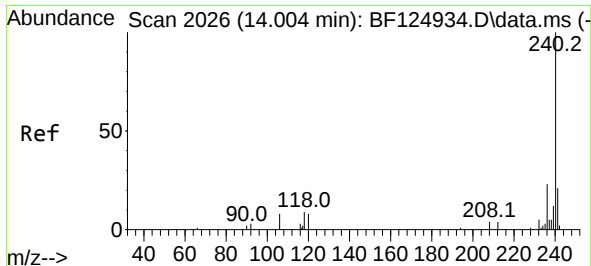
Tgt Ion:188 Resp: 22820
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.48 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

Tgt Ion:248 Resp: 620
Ion Ratio Lower Upper
248 100
250 225.8 74.2 111.4#
141 558.9 60.4 90.6#

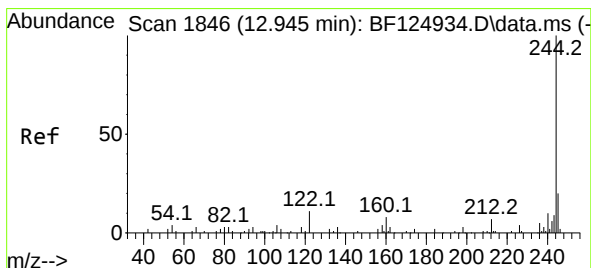
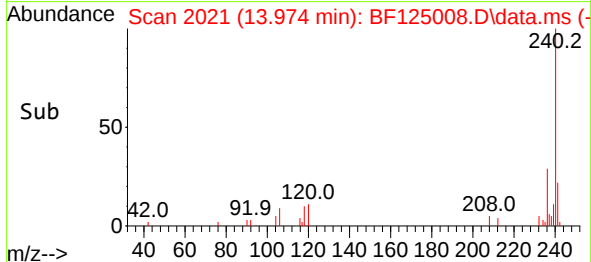
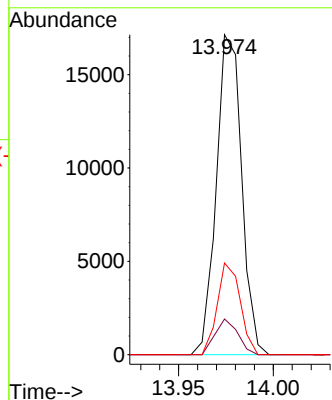
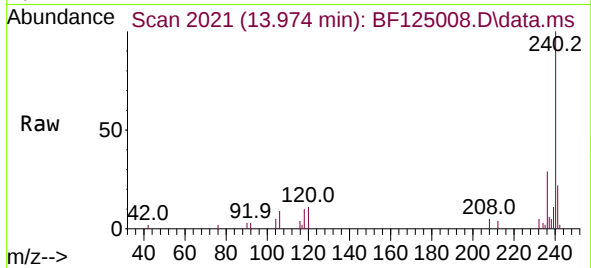




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

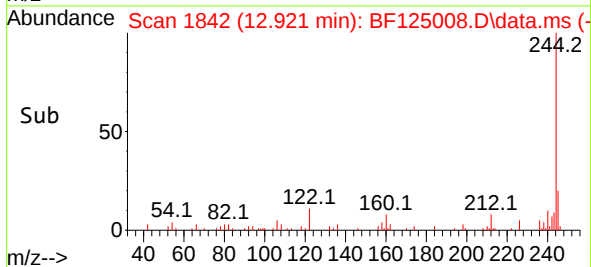
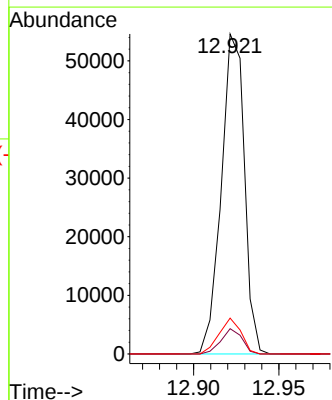
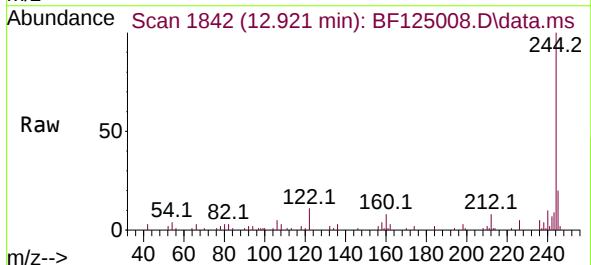
Instrument :
BNA_F
ClientSampleId :
20210586-COM-9

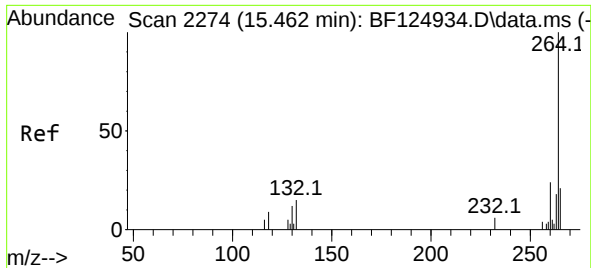
Tgt Ion:240 Resp: 15935
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 28.7 21.6 32.4



#79
Terphenyl-d14
Concen: 54.50 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF125008.D
Acq: 9 Aug 2021 18:49

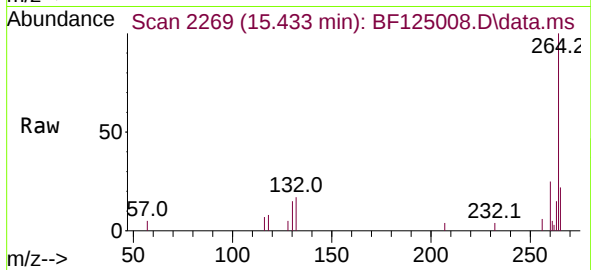
Tgt Ion:244 Resp: 51482
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 11.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF125008.D
 Acq: 9 Aug 2021 18:49

Instrument :
 BNA_F
 ClientSampleId :
 20210586-COM-9



Tgt Ion:	264	Resp:	10935
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.6	29.4
265	22.4	17.2	25.8

