

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125042.D
 Acq On : 10 Aug 2021 21:39
 Operator : JU/CG
 Sample : M3328-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210566-COM-39

Quant Time: Aug 11 04:16:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

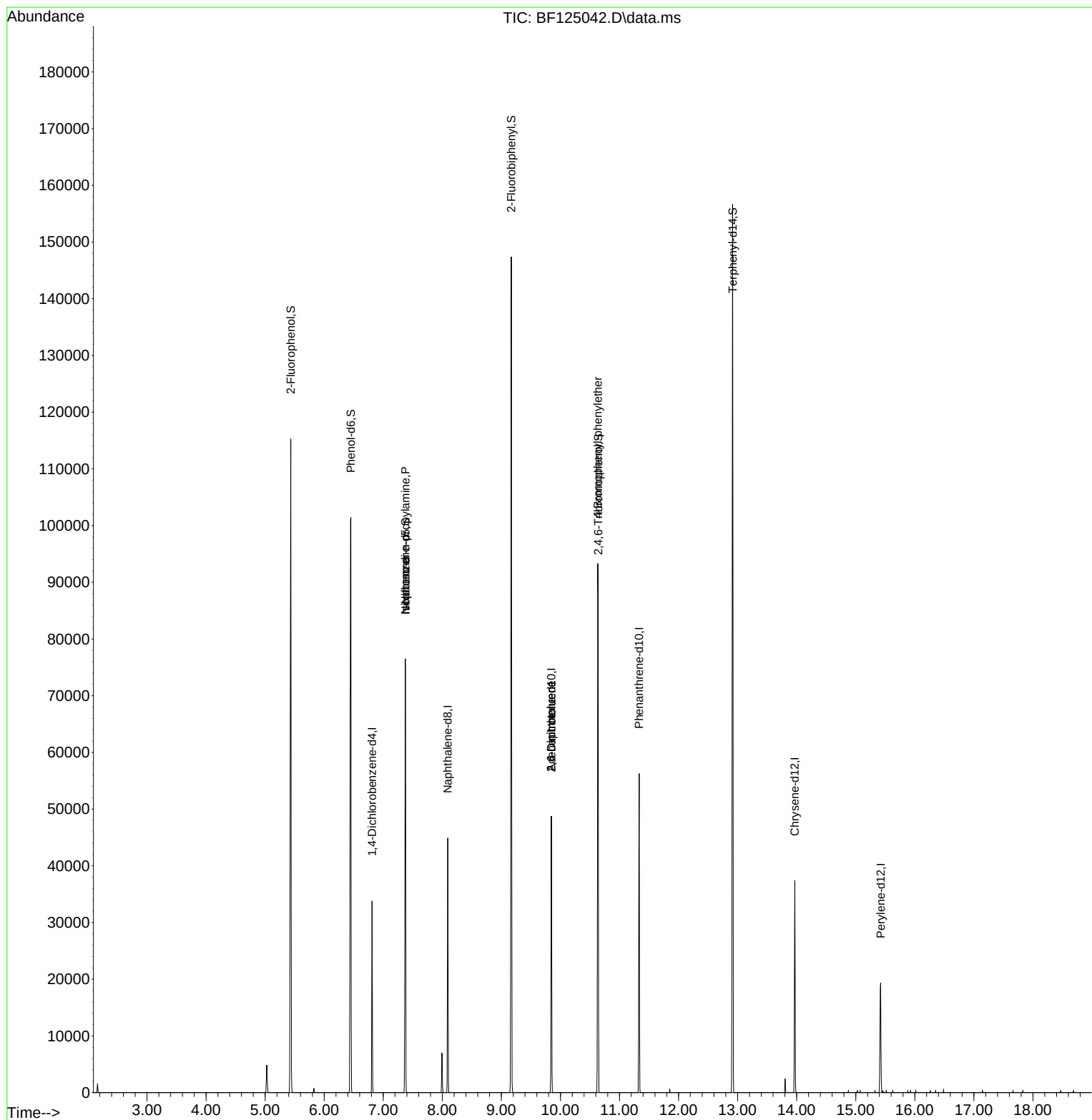
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4183	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	16647	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9955	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	18535	20.000	ng	0.00
76) Chrysene-d12	13.968	240	13099	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	25623	100.343	ng	0.00
7) Phenol-d6	6.451	99	34629	107.548	ng	0.00
23) Nitrobenzene-d5	7.375	82	23974	75.338	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	10233	115.058	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	39447	57.981	ng	0.00
79) Terphenyl-d14	12.916	244	50188	64.630	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	3328	17.419	ng	# 57
25) Isophorone	7.375	82	23974	44.141	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1187	7.902	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1187	5.820	ng	# 18
67) 4-Bromophenyl-phenylether	10.633	248	785	3.867	ng	# 1

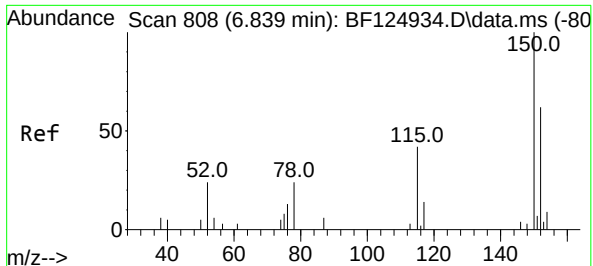
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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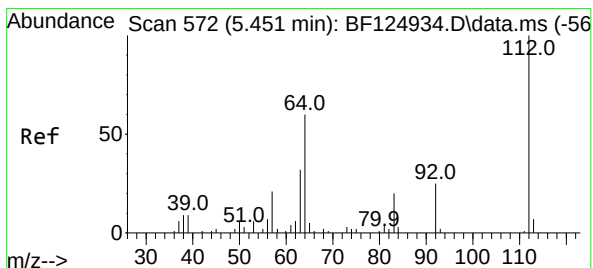
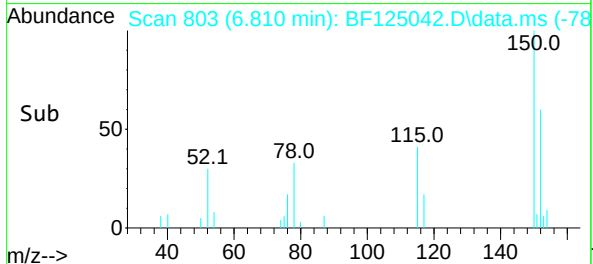
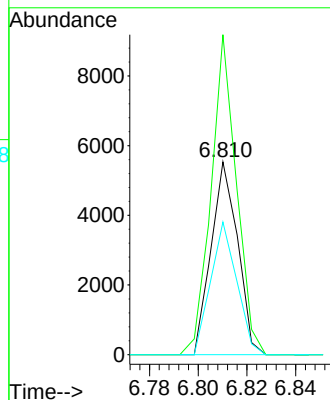
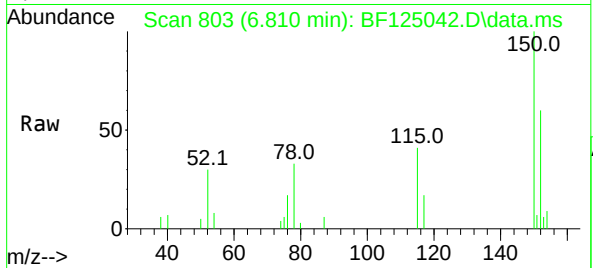




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

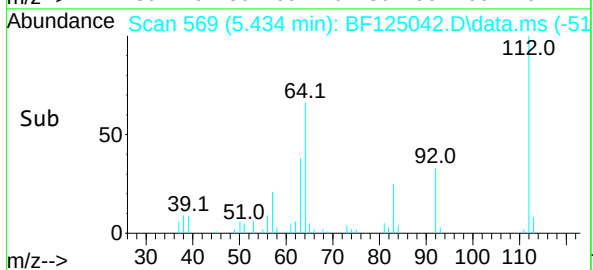
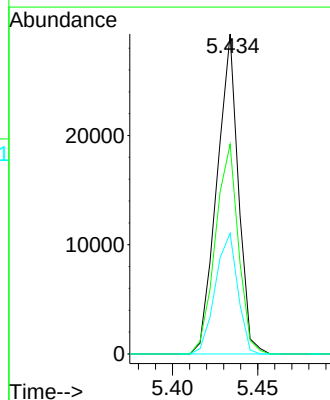
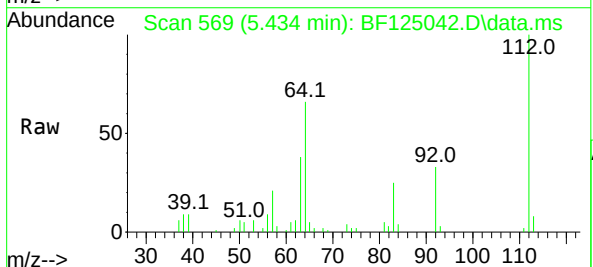
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

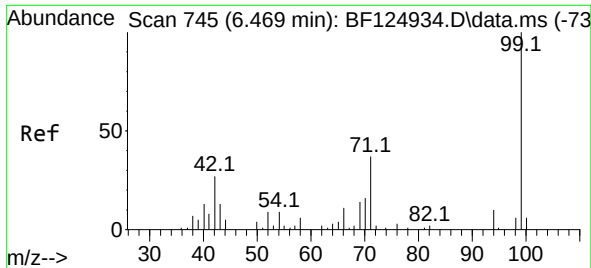
Tgt Ion:152 Resp: 4183
Ion Ratio Lower Upper
152 100
150 165.9 117.6 176.4
115 68.8 47.1 70.7



#5
2-Fluorophenol
Concen: 100.343 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:112 Resp: 25623
Ion Ratio Lower Upper
112 100
64 65.5 44.2 66.2
63 37.7 26.2 39.2

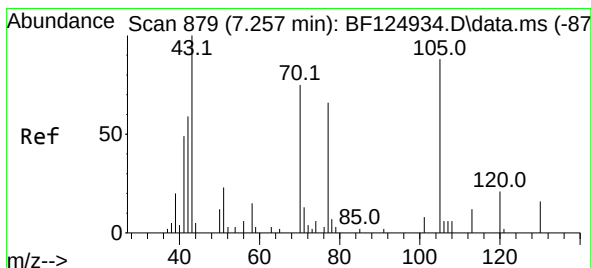
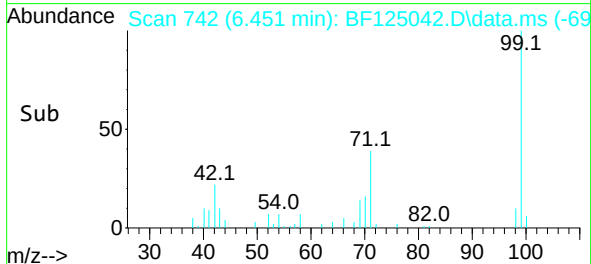
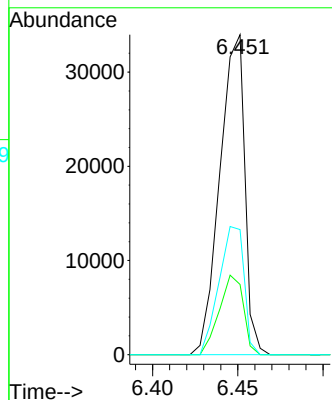
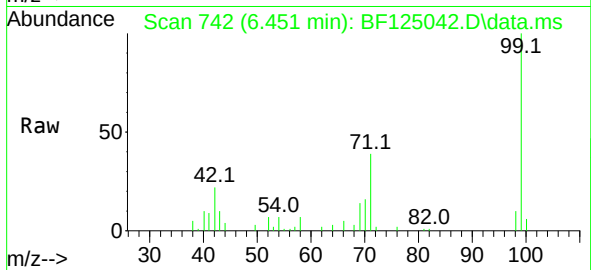




#7
Phenol-d6
Concen: 107.548 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

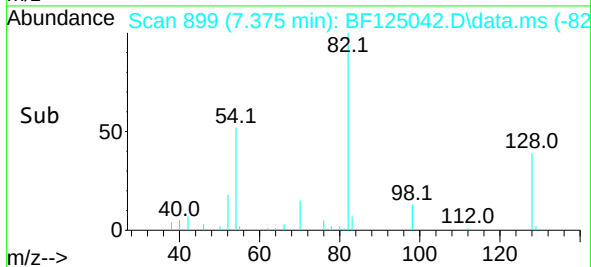
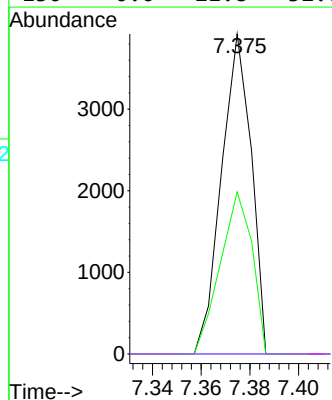
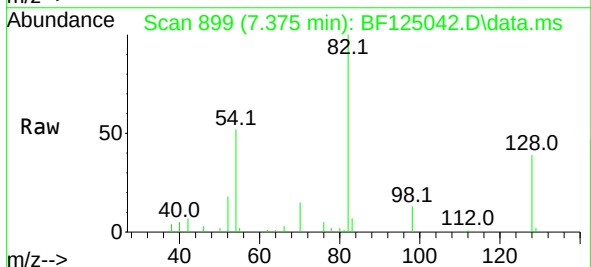
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

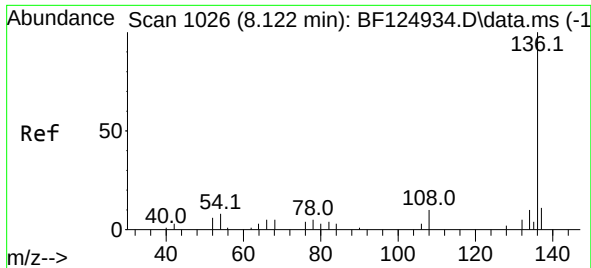
Tgt Ion: 99 Resp: 34629
Ion Ratio Lower Upper
99 100
42 22.0 23.5 35.3#
71 39.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.419 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion: 70 Resp: 3328
Ion Ratio Lower Upper
70 100
42 50.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

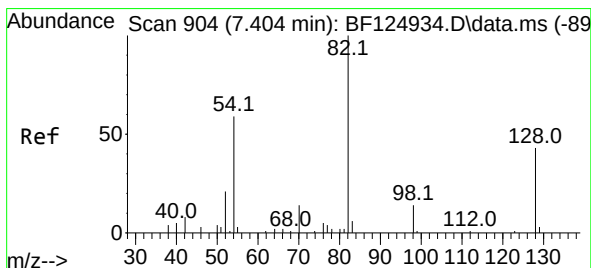
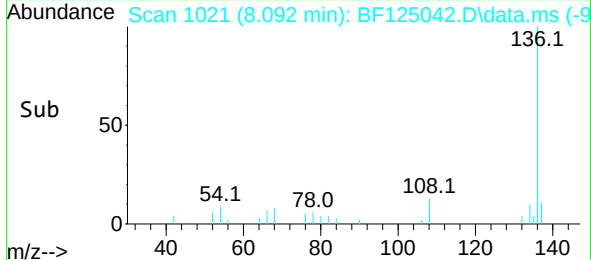
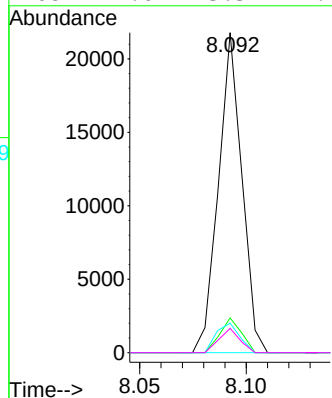
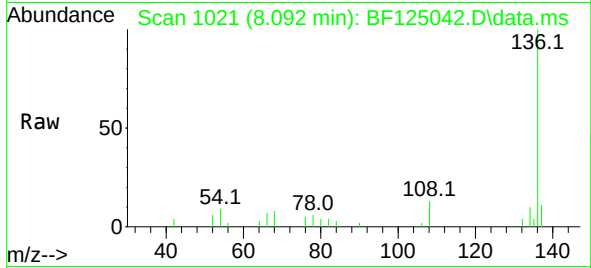




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

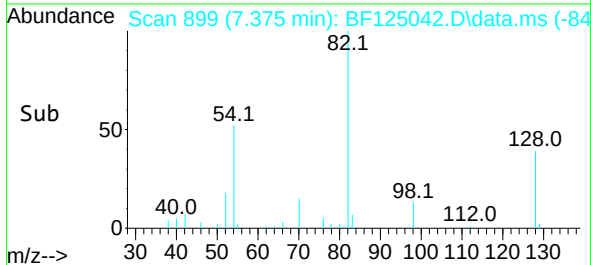
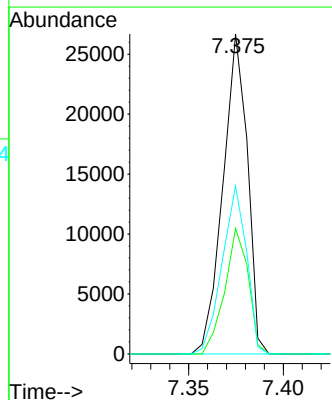
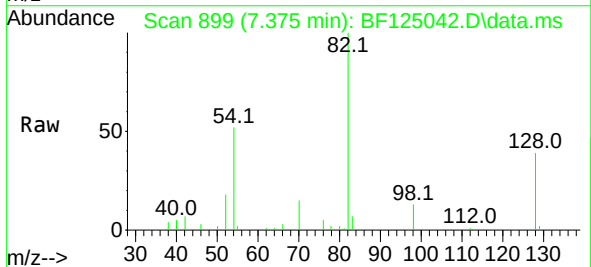
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

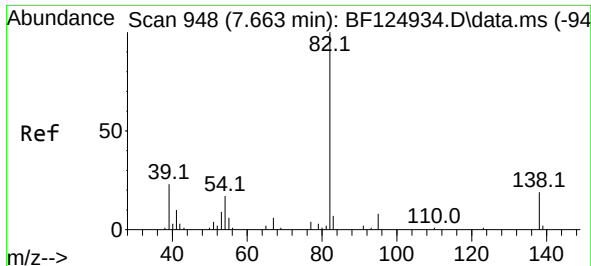
Tgt Ion:136	Resp:	16647
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	9.2	6.4 9.6
68	7.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.338 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion: 82	Resp:	23974
Ion Ratio	Lower	Upper
82	100	
128	39.3	40.6 60.8#
54	52.5	49.6 74.4

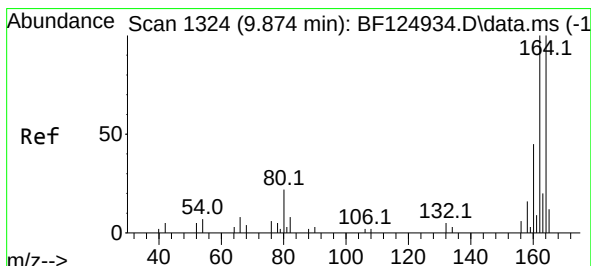
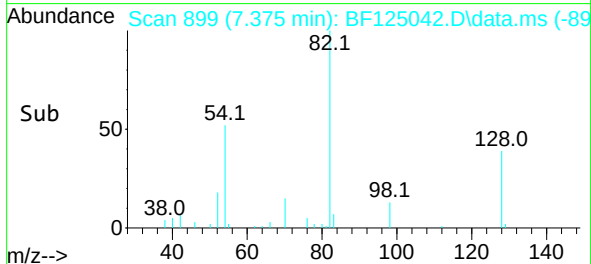
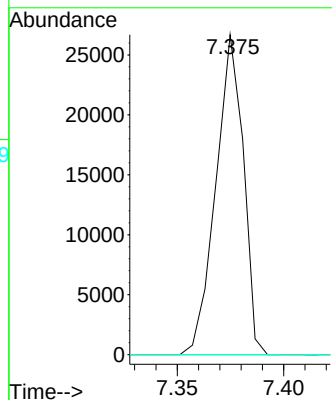
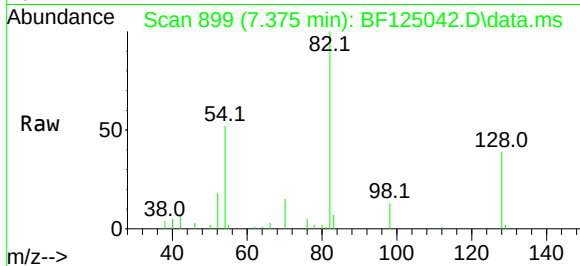




#25
Isophorone
Concen: 44.141 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

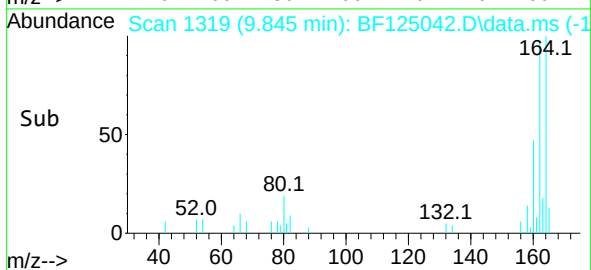
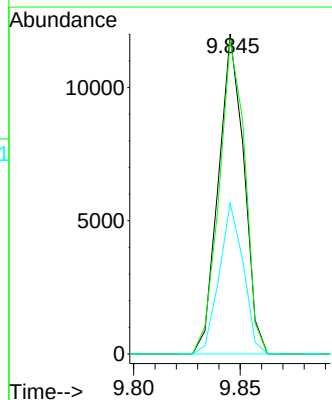
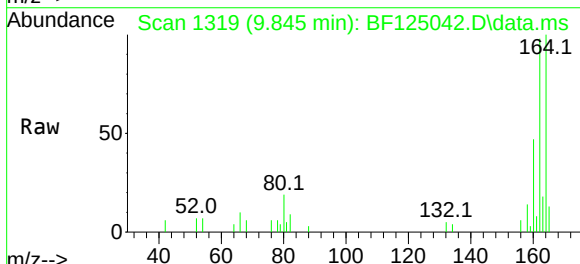
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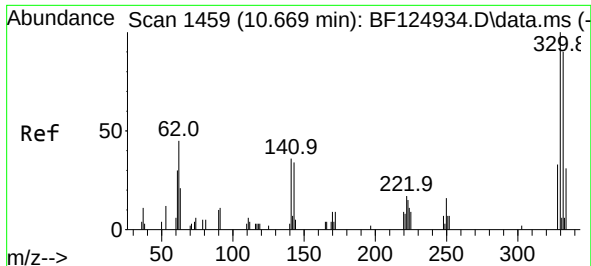
Tgt Ion: 82 Resp: 23974
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion: 164 Resp: 9955
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 47.2 38.0 57.0

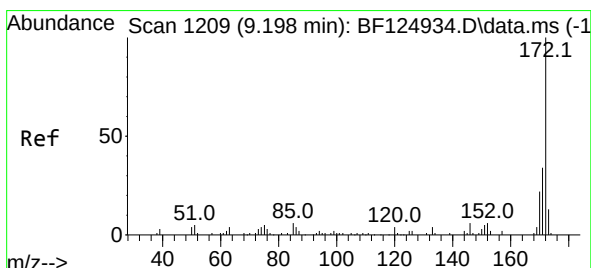
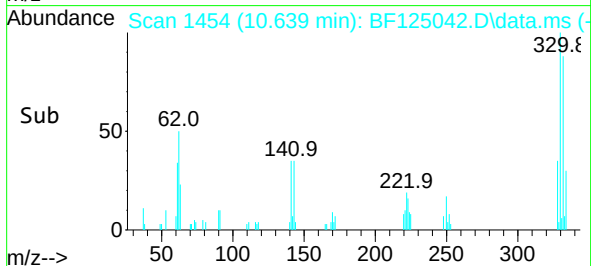
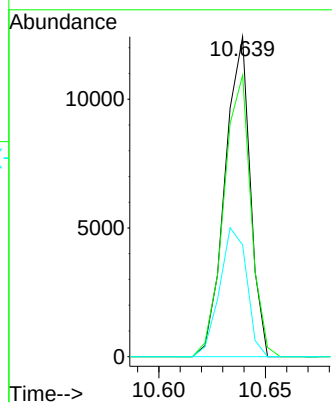
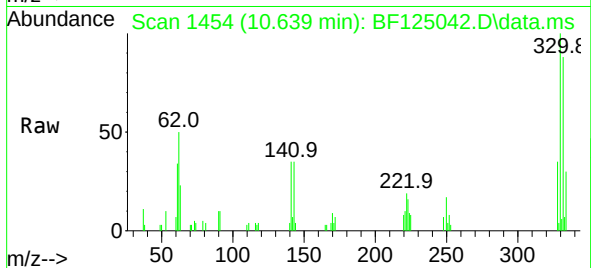




#42
2,4,6-Tribromophenol
Concen: 115.058 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

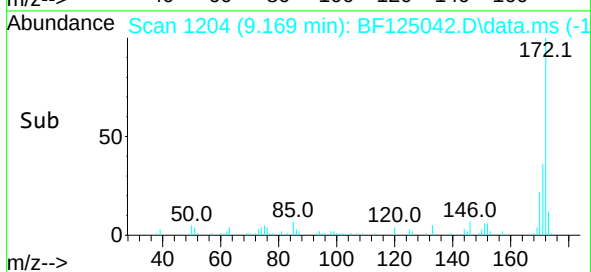
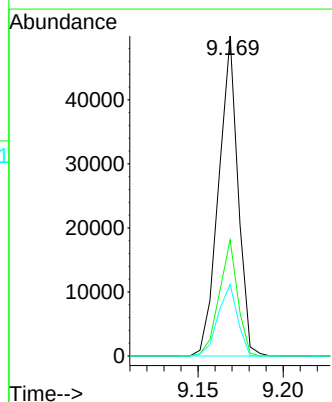
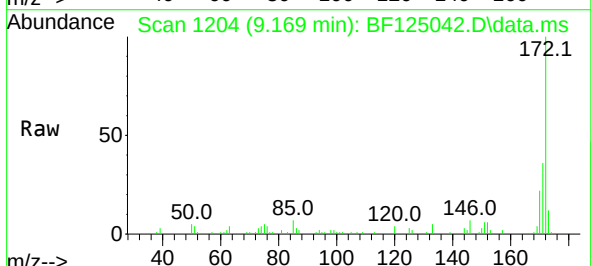
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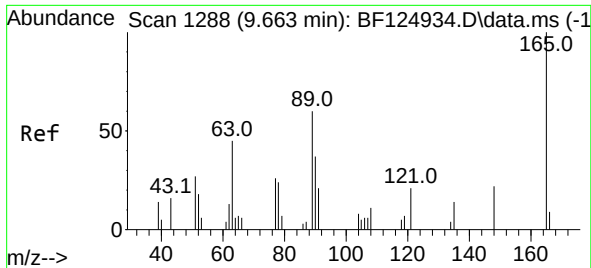
Tgt Ion: 330 Resp: 10233
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.981 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion: 172 Resp: 39447
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 22.4 18.8 28.2

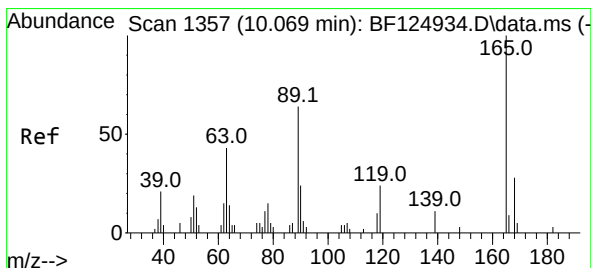
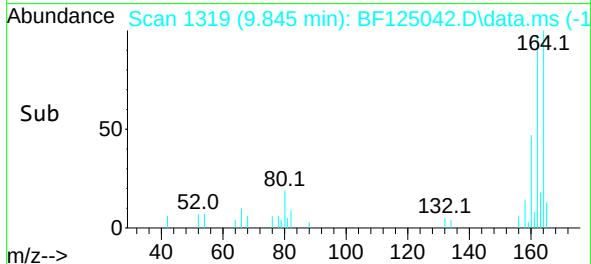
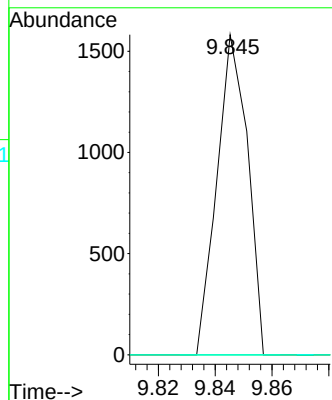
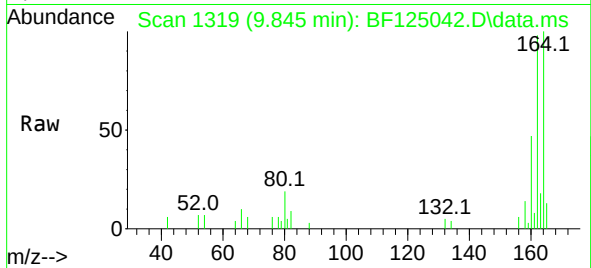




#51
2,6-Dinitrotoluene
Concen: 7.902 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

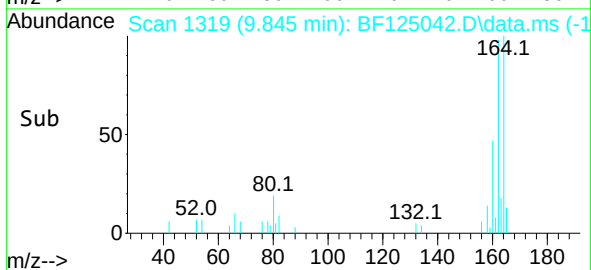
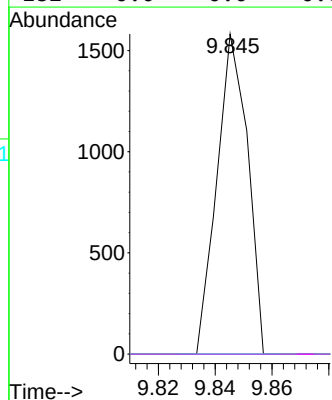
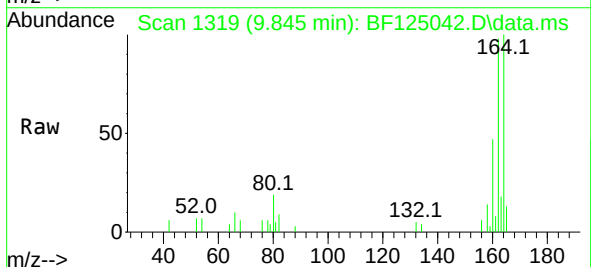
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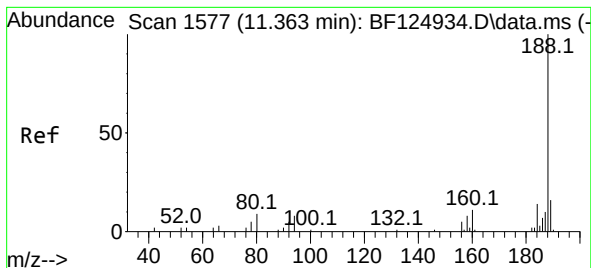
Tgt Ion:165 Resp: 1187
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:165 Resp: 1187
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

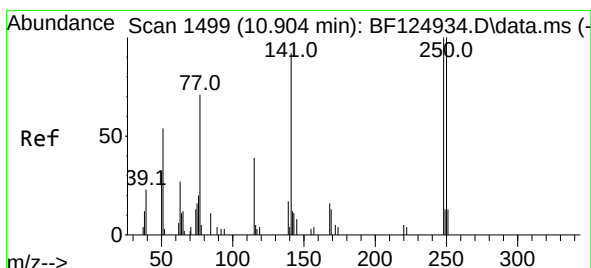
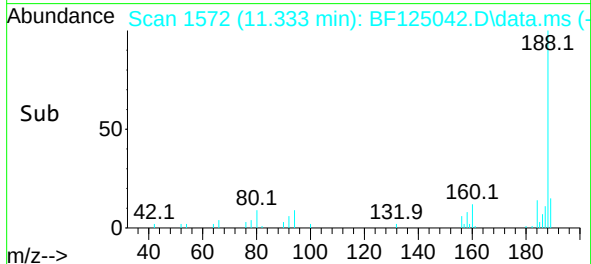
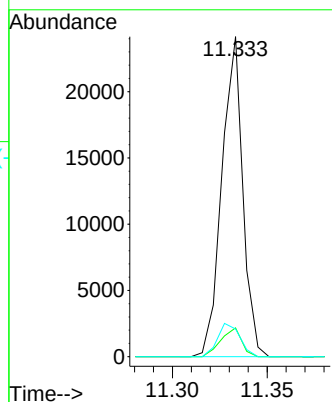
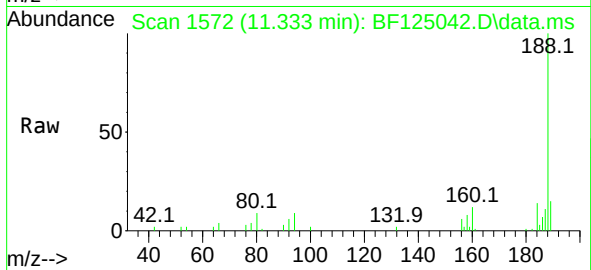




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

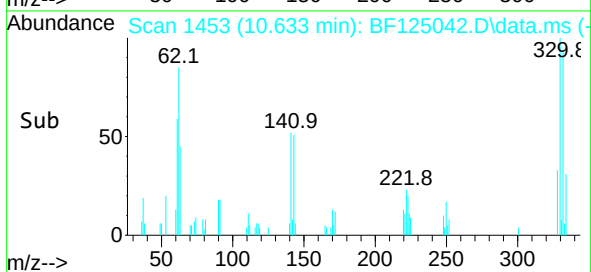
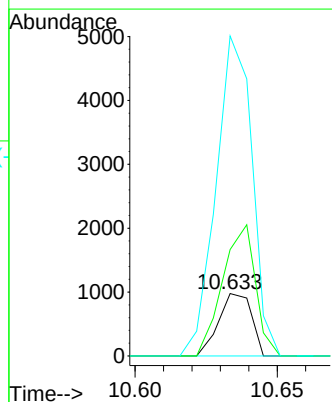
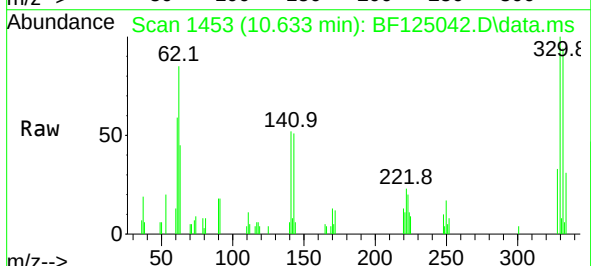
Instrument :
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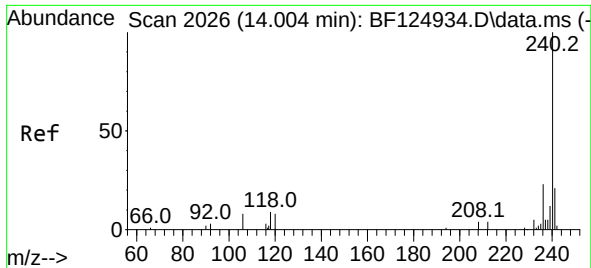
Tgt Ion:188 Resp: 18535
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.867 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

Tgt Ion:248 Resp: 785
Ion Ratio Lower Upper
248 100
250 125.9 74.2 111.4#
141 378.6 60.4 90.6#

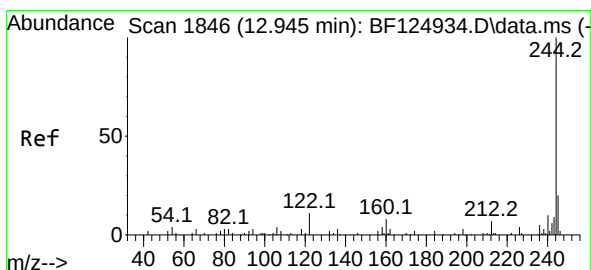
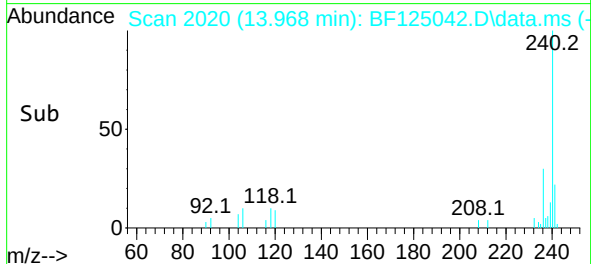
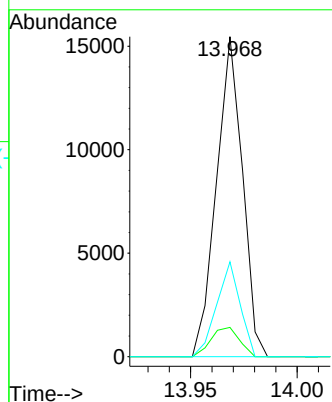
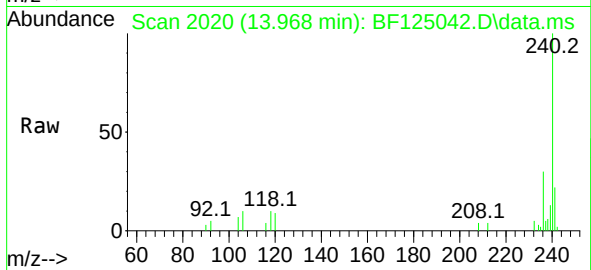




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

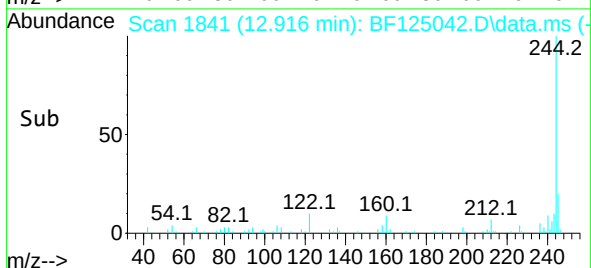
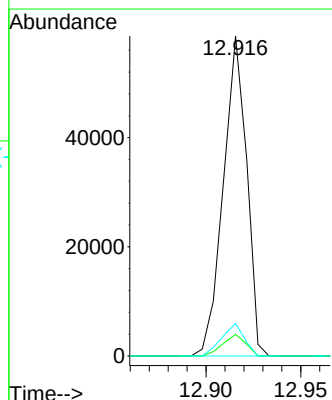
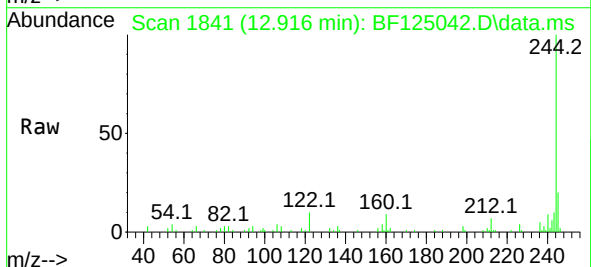
Instrument :
BNA_F
ClientSampleId :
20210566-COM-39

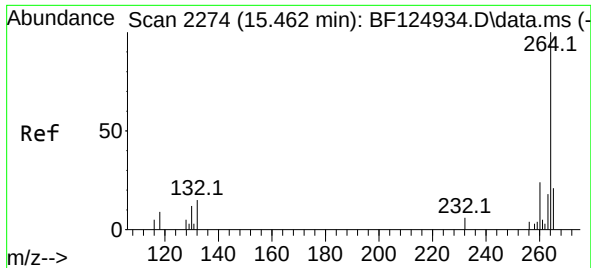
Tgt Ion:240 Resp: 13099
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 29.6 21.6 32.4



#79
Terphenyl-d14
Concen: 64.630 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF125042.D
Acq: 10 Aug 2021 21:39

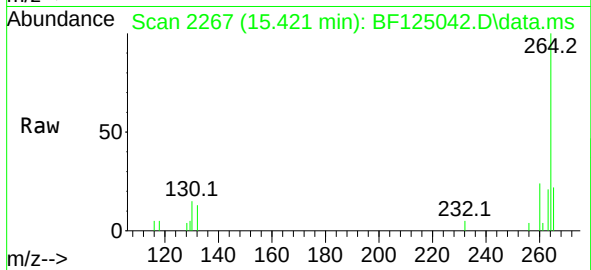
Tgt Ion:244 Resp: 50188
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125042.D
 Acq: 10 Aug 2021 21:39

Instrument :
 BNA_F
 ClientSampleId :
 20210566-COM-39



Tgt Ion:	264	Resp:	10218
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	21.6	17.2	25.8

