

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116237.D
 Acq On : 13 Aug 2019 18:33
 Operator : HP/JU
 Sample : K4229-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(0-1)-COMP

Quant Time: Aug 13 23:19:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

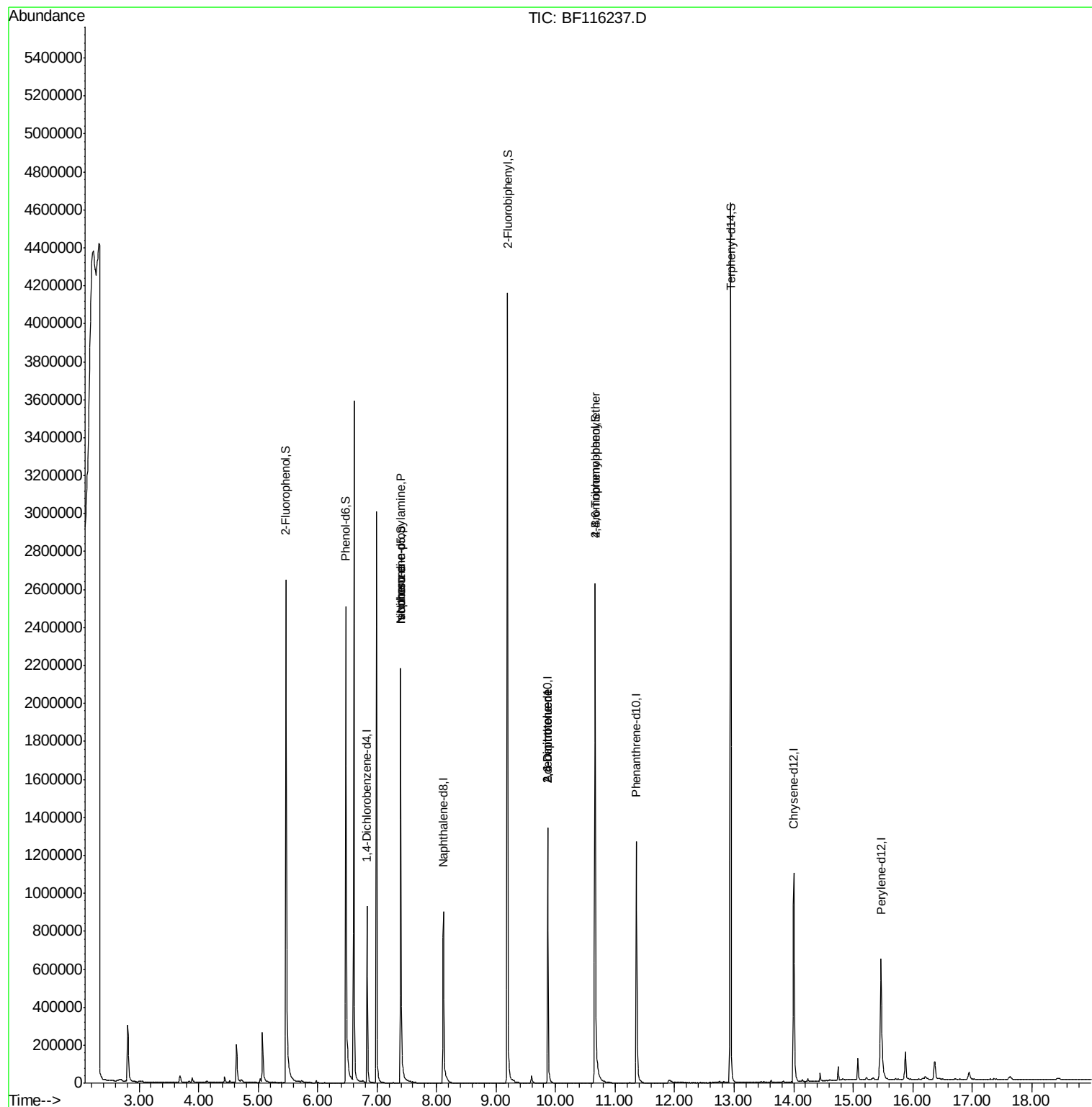
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	137671	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	535850	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295163	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	560062	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	468976	20.00	ng	0.00
87) Perylene-d12	15.47	264	416835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	932257	113.36	ng	0.00
7) Phenol-d6	6.47	99	1085838	104.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	893811	96.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	427627	149.43	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1523615	96.69	ng	-0.01
79) Terphenyl-d14	12.94	244	1931634	86.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	117939	18.343	ng	# 79
25) Isophorone	7.40	82	893806	50.353	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	37600	8.609	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	37600	6.466	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	25643	4.277	ng	# 1

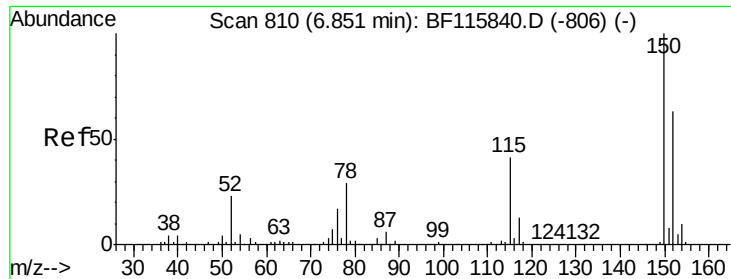
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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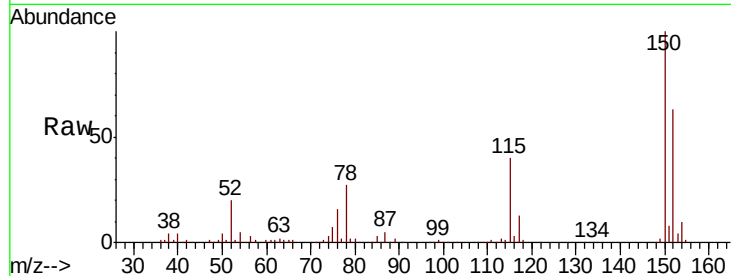


#1

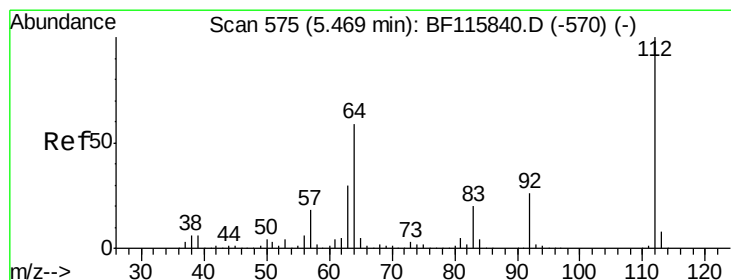
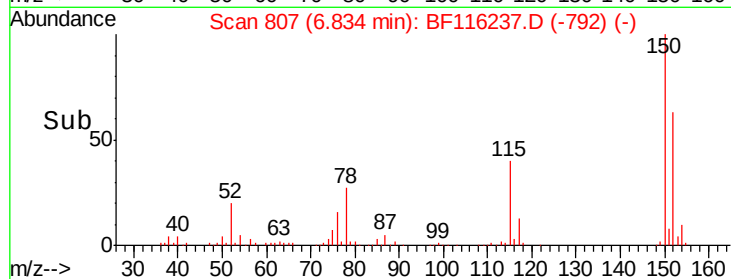
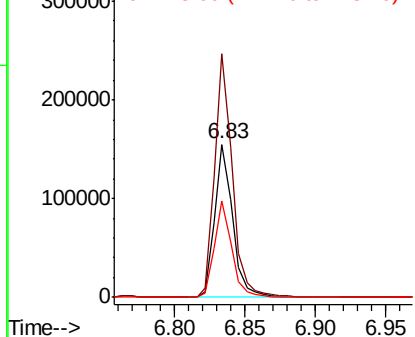
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

Instrument :
BNA_F
ClientSampleId :
2S-A1-A4-(0-1)-COMP

Tgt Ion:152 Resp: 137671
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 63.2 49.9 74.9



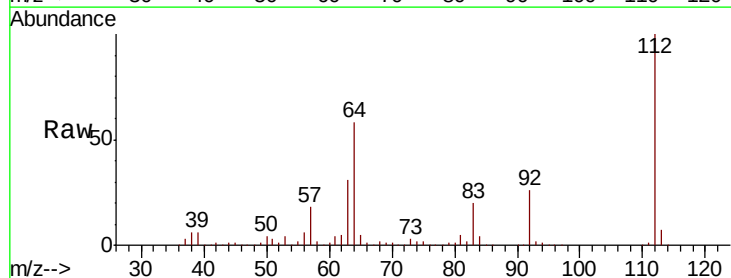
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



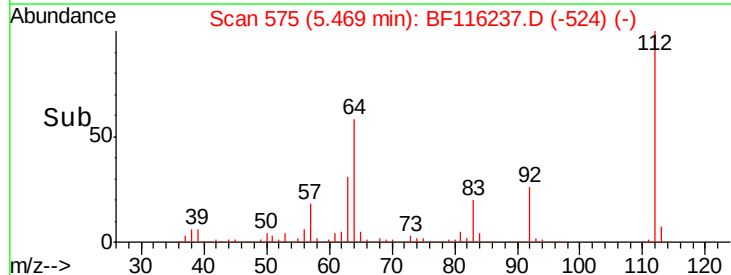
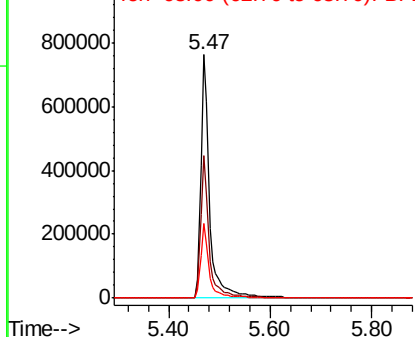
#5

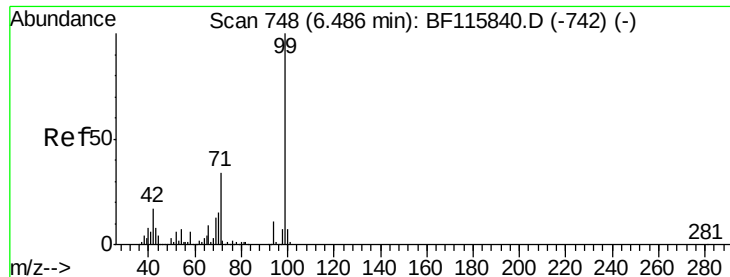
2-Fluorophenol
Concen: 113.361 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

Tgt Ion:112 Resp: 932257
Ion Ratio Lower Upper
112 100
64 58.3 45.4 68.2
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.652 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(0-1)-COMP

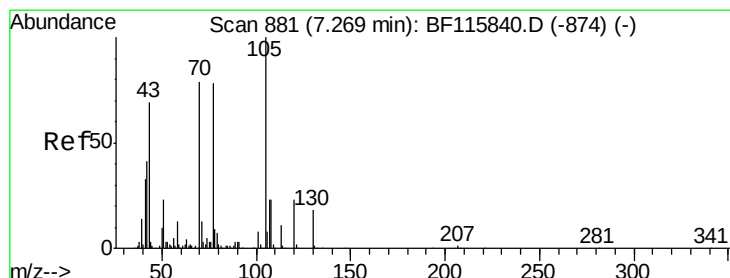
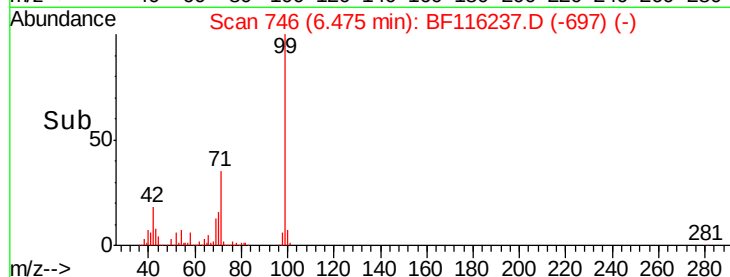
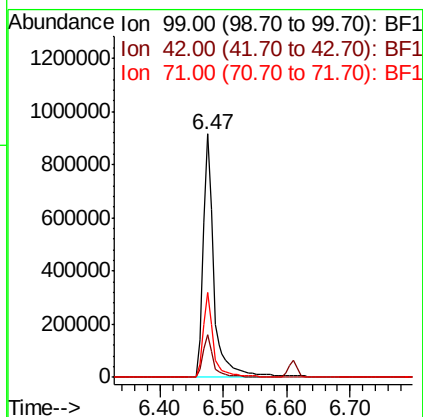
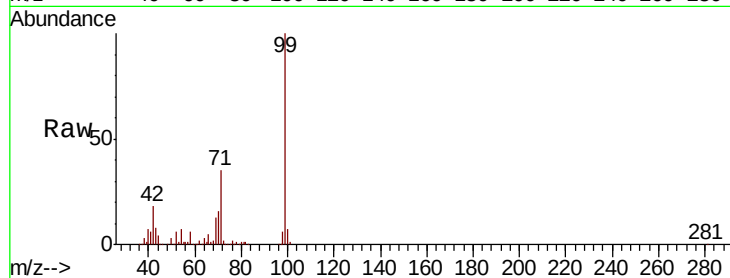
Tgt Ion: 99 Resp: 1085838

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

71 34.7 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.343 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Tgt Ion: 70 Resp: 117939

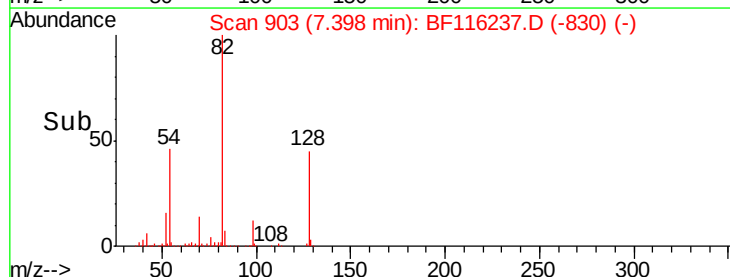
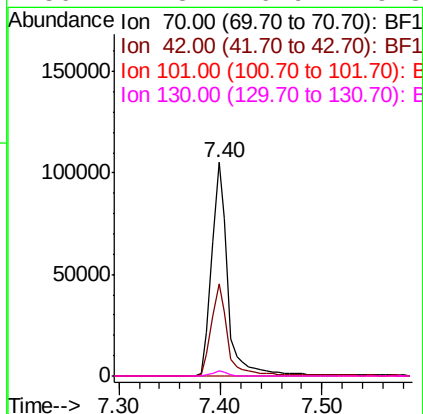
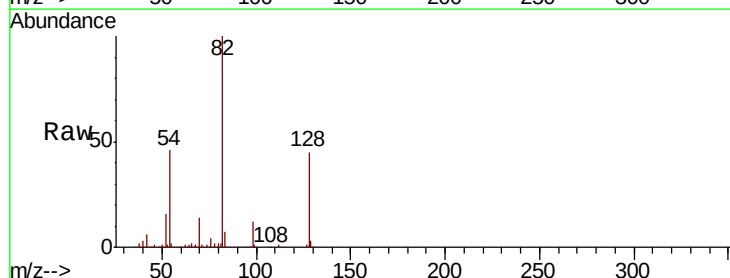
Ion Ratio Lower Upper

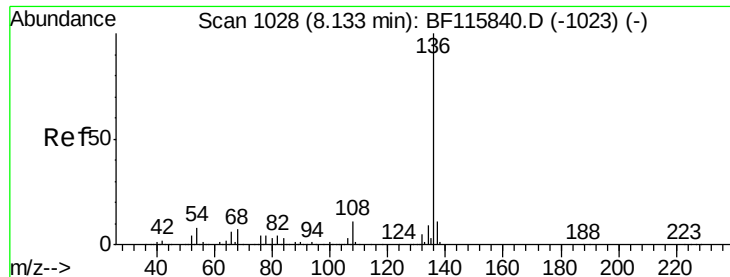
70 100

42 43.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

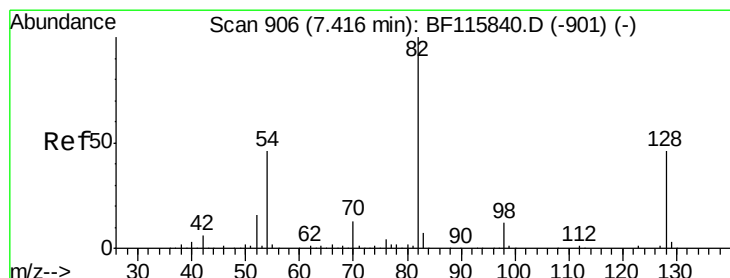
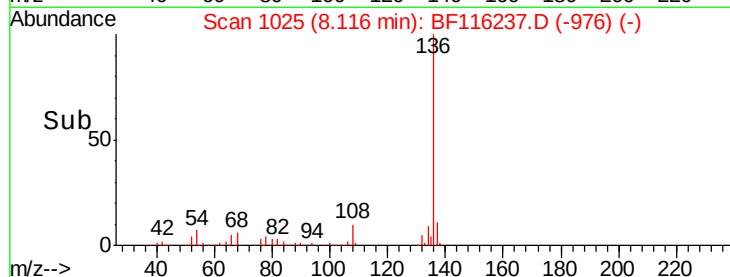
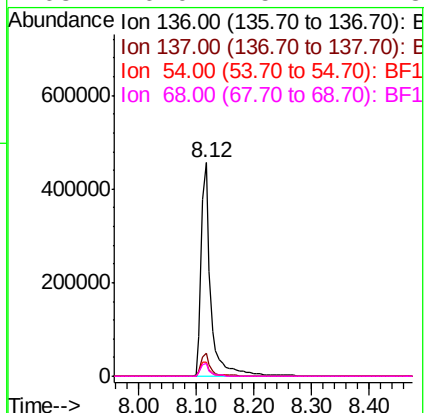
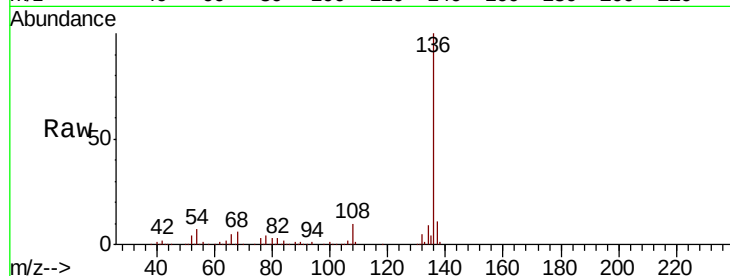




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

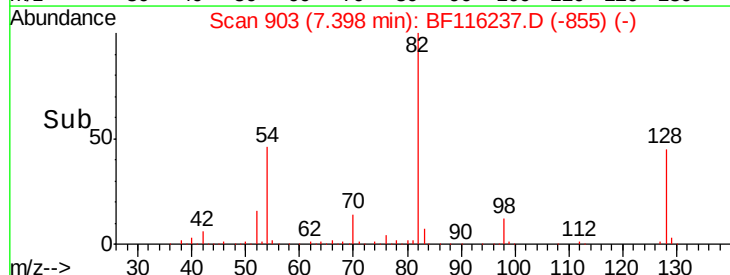
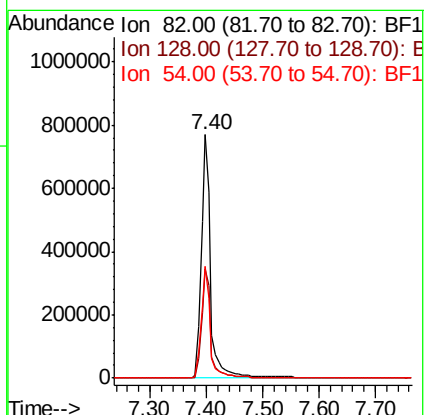
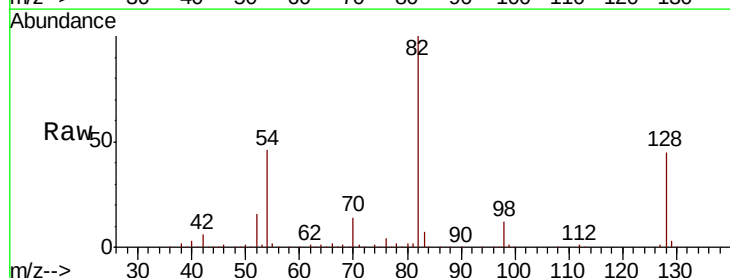
Instrument :
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2S-A1-A4-(0-1)-COMP

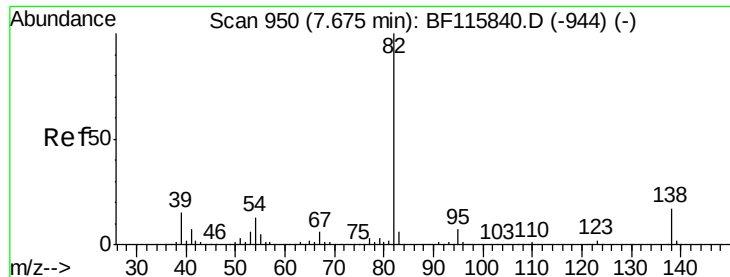
Tgt Ion:	136	Resp:	535850
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 96.284 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

Tgt Ion:	82	Resp:	893811
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.7	36.0	54.0





#25

Isophorone

Concen: 50.353 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(0-1)-COMP

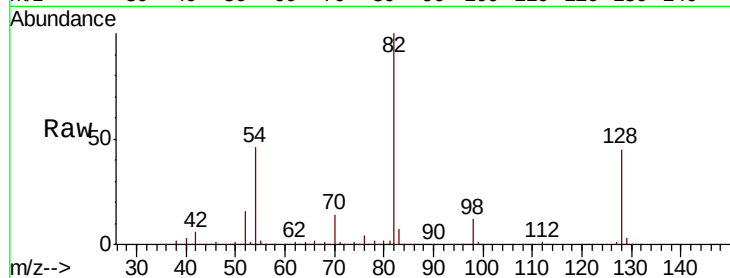
Tgt Ion: 82 Resp: 893806

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

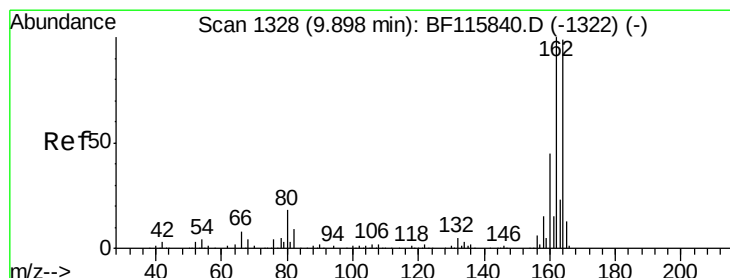
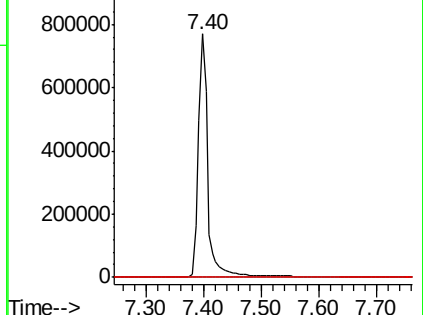
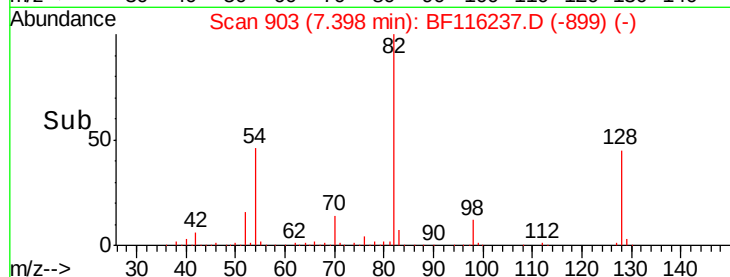
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

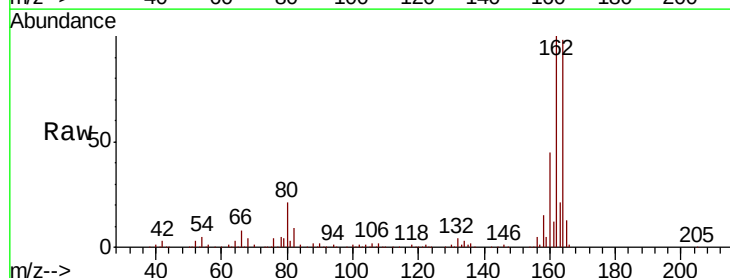
Tgt Ion: 164 Resp: 295163

Ion Ratio Lower Upper

164 100

162 102.5 82.6 124.0

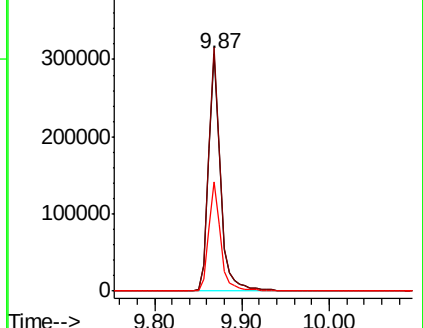
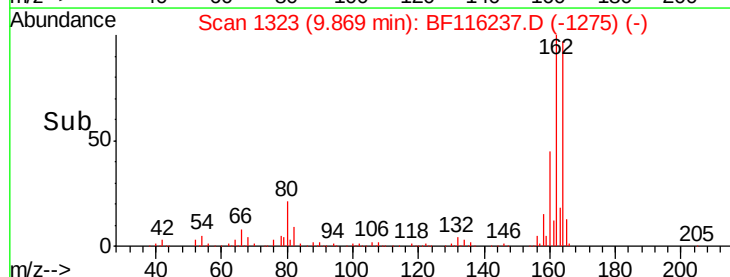
160 45.9 37.6 56.4

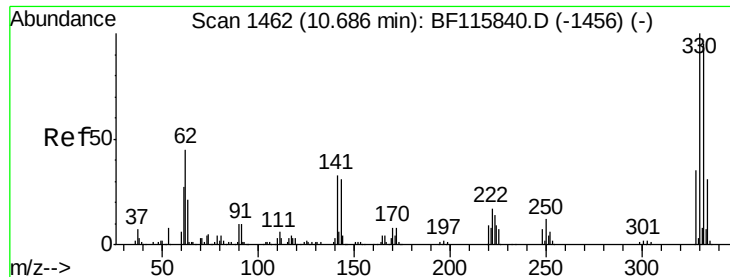


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

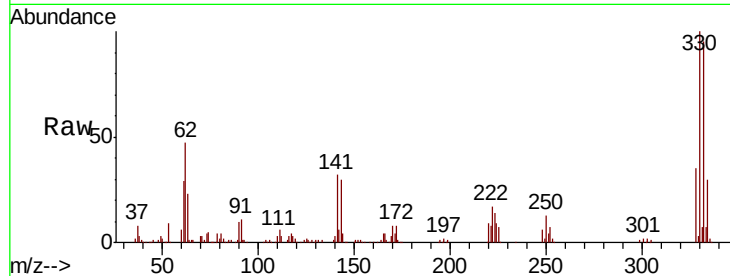




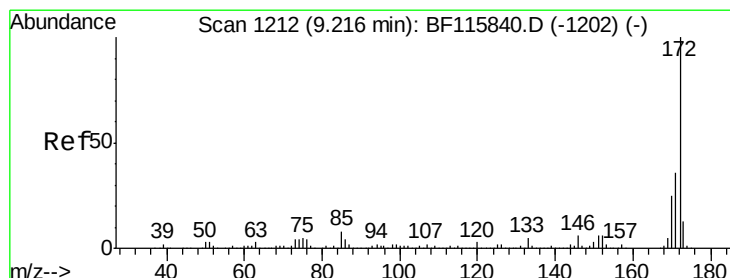
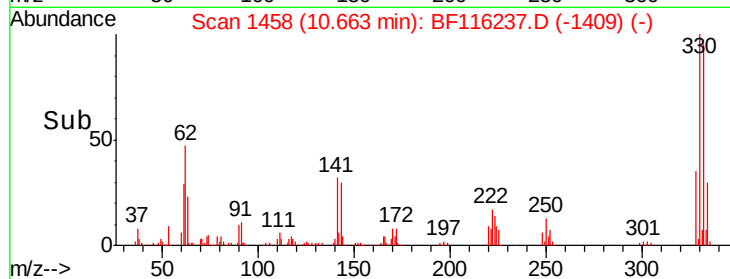
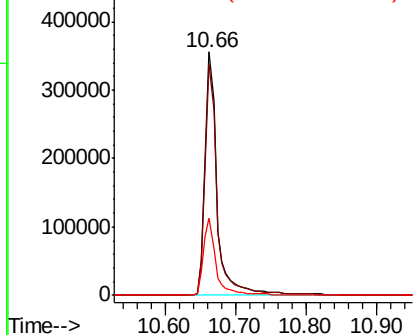
#42
 2,4,6-Tribromophenol
 Concen: 149.432 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

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 2S-A1-A4-(0-1)-COMP

Tgt Ion:330 Resp: 427627
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 33.4 26.3 39.5

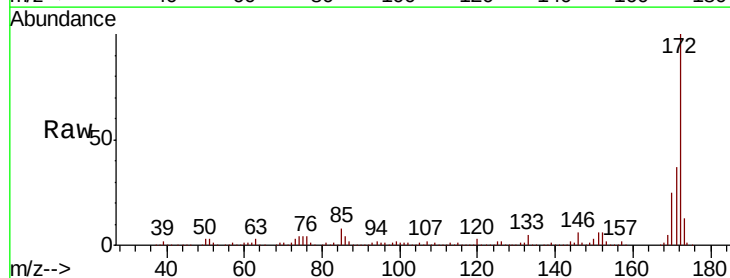


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

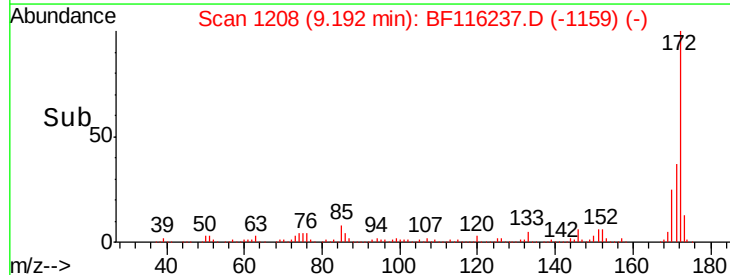
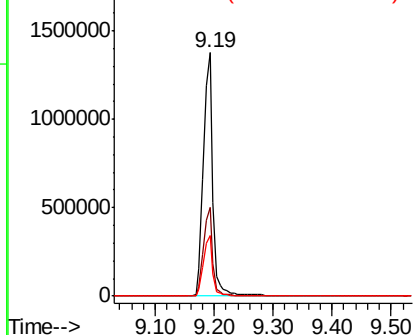


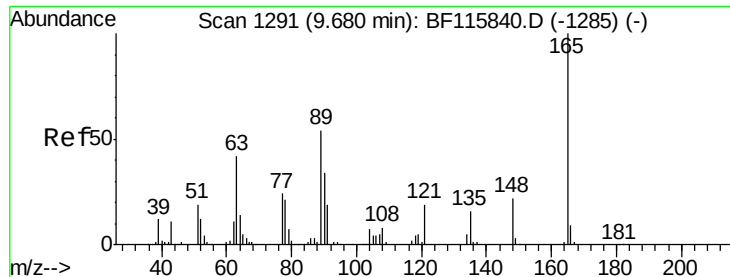
#45
 2-Fluorobiphenyl
 Concen: 96.687 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion:172 Resp: 1523615
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

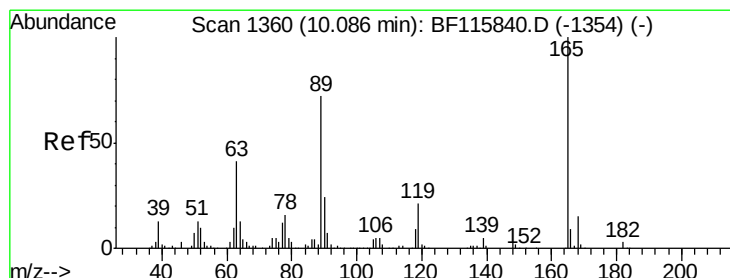
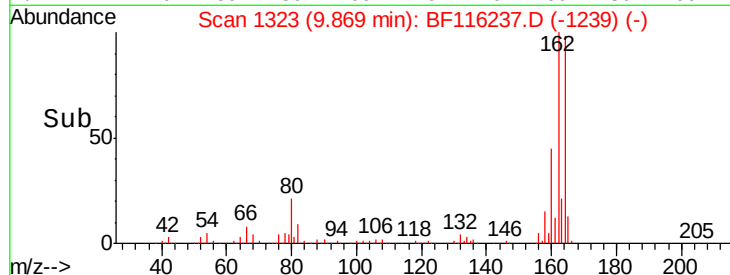
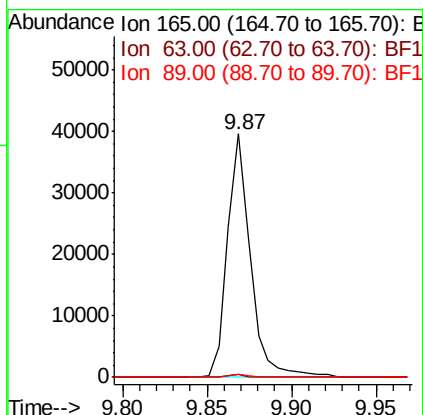
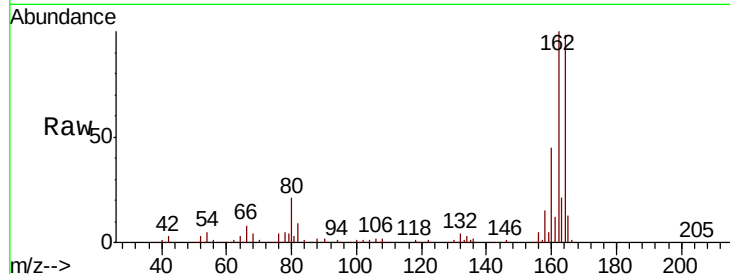




#51
 2,6-Dinitrotoluene
 Concen: 8.609 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

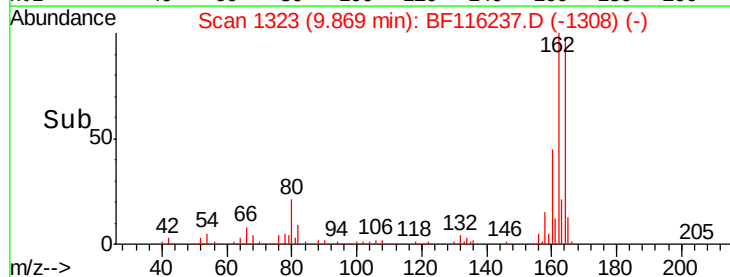
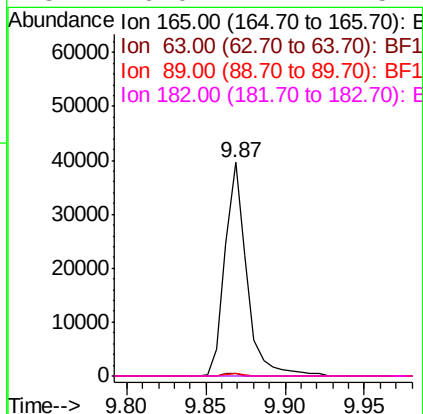
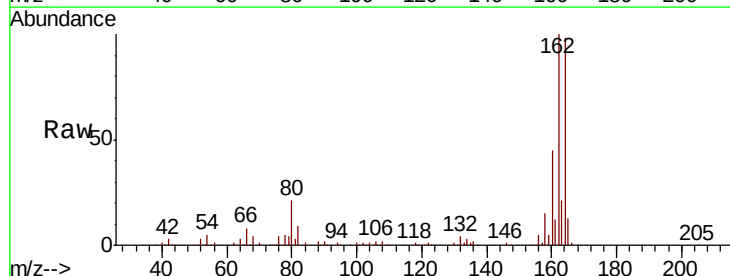
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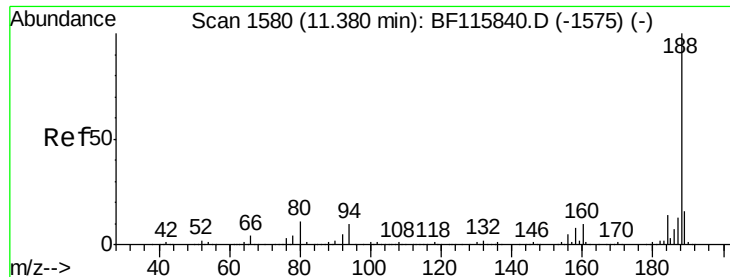
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.466 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

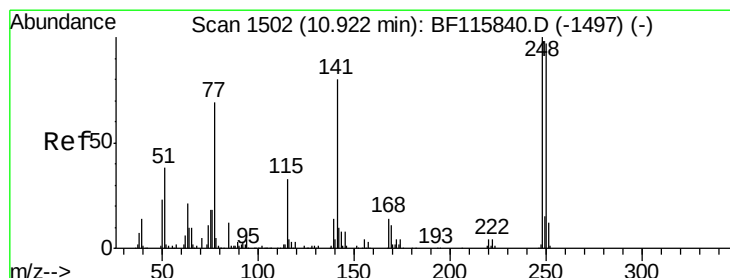
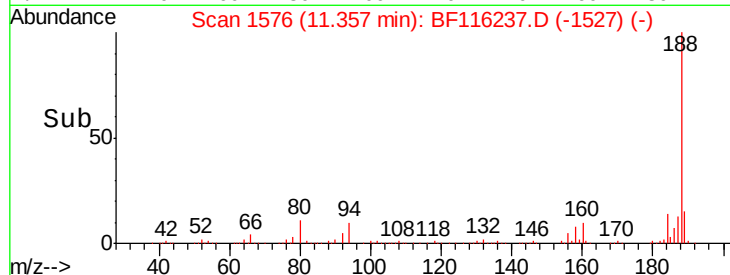
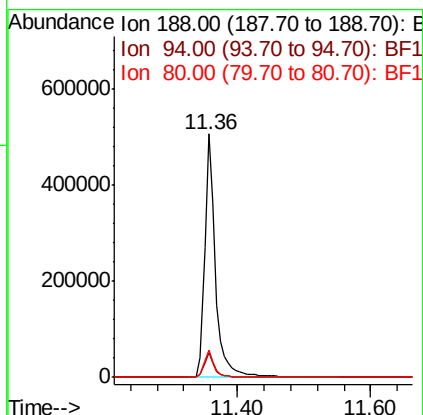
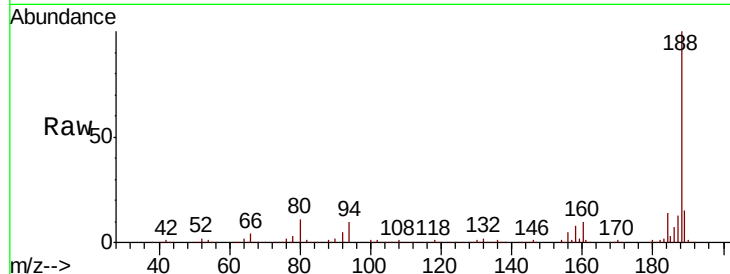




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

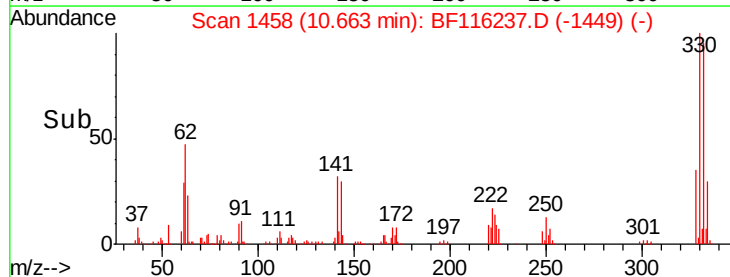
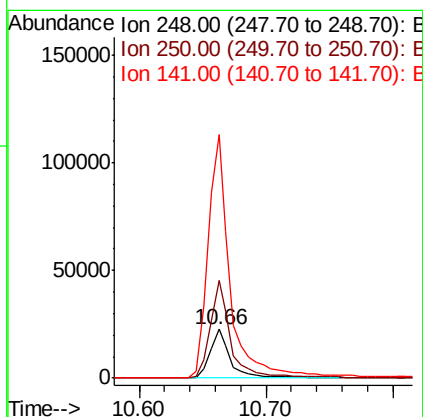
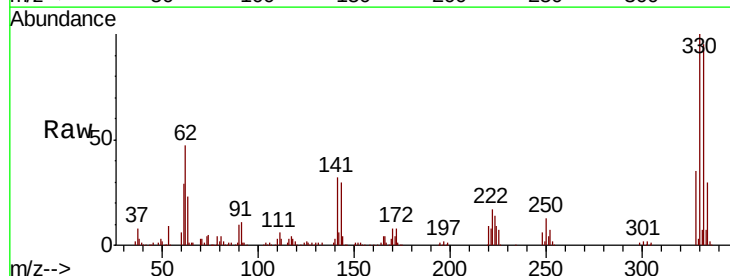
Instrument :
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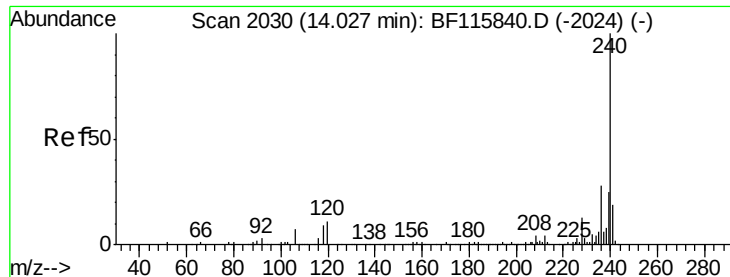
Tgt Ion:188 Resp: 560062
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.1 12.1
 80 11.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.277 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion:248 Resp: 25643
 Ion Ratio Lower Upper
 248 100
 250 199.7 77.4 116.2#
 141 497.6 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(0-1)-COMP

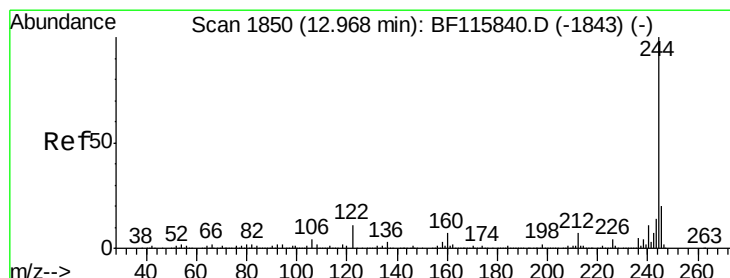
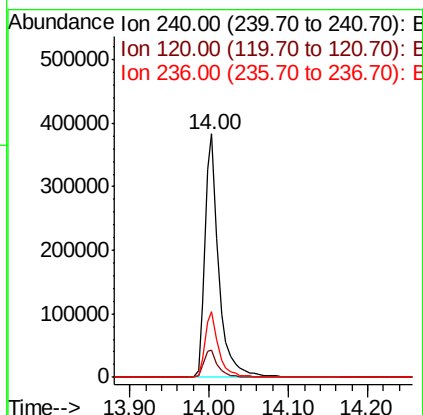
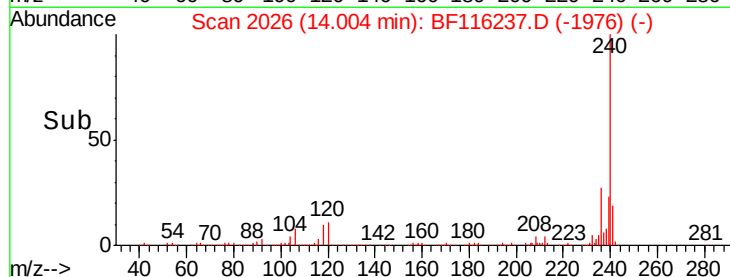
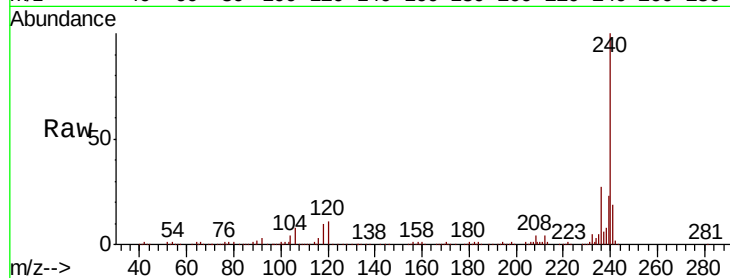
Tgt Ion:240 Resp: 468976

Ion Ratio Lower Upper

240 100

120 11.2 10.7 16.1

236 27.2 22.2 33.2



#79

Terphenyl-d14

Concen: 86.791 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

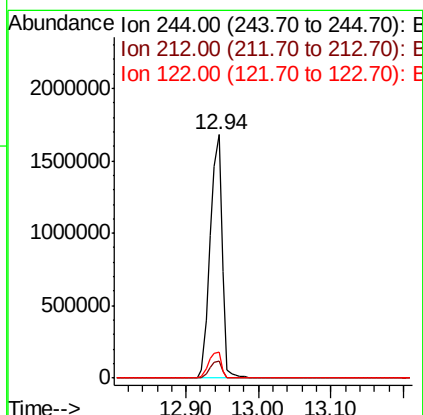
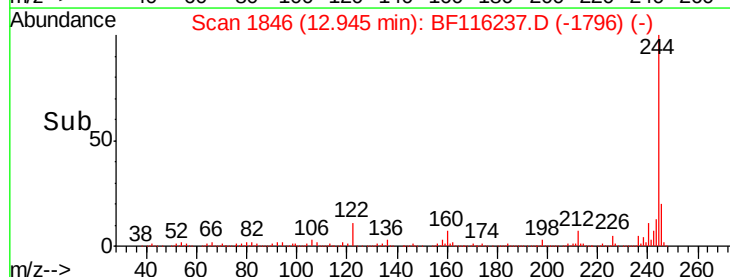
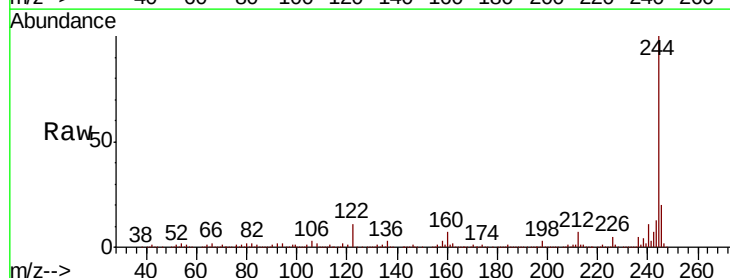
Tgt Ion:244 Resp: 1931634

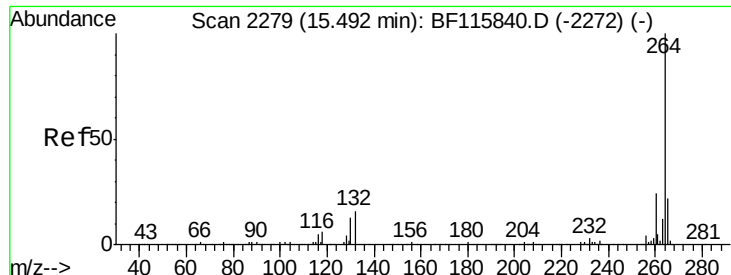
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

Instrument :
BNA_F
ClientSampleId :
2S-A1-A4-(0-1)-COMP

Tgt Ion:	264	Resp:	416835
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.4	26.0

