

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115632.D
 Acq On : 17 Jul 2019 19:52
 Operator : HP/JU
 Sample : K3835-29
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(0-2)

Quant Time: Jul 18 04:47:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

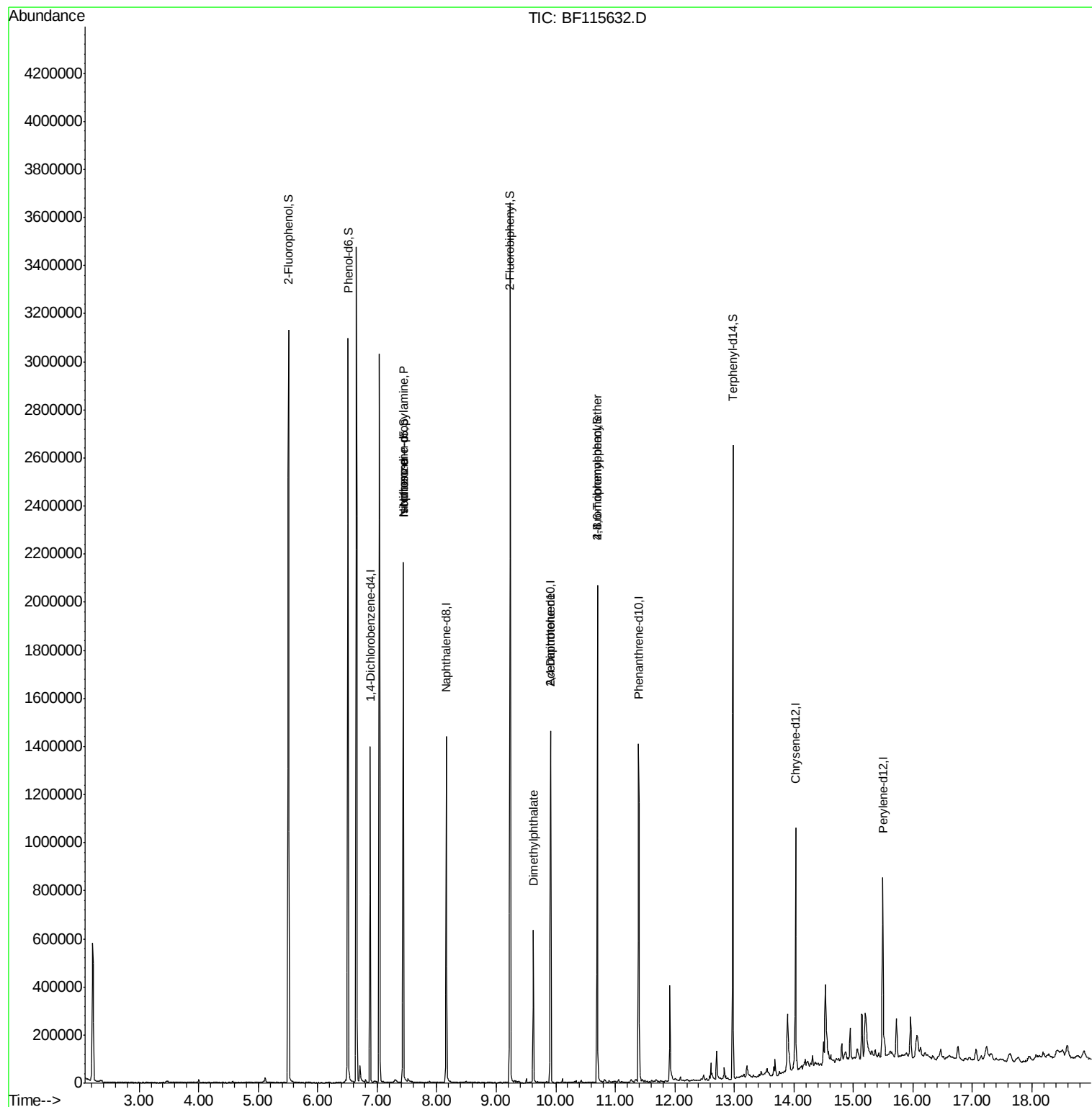
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	191564	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	648762	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	300906	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	507352	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	302223	20.00	ng	-0.02
87) Perylene-d12	15.49	264	334415	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	908506	77.57	ng	0.00
7) Phenol-d6	6.51	99	1212658	81.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	750303	67.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	257192	73.23	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1144831	66.59	ng	-0.02
79) Terphenyl-d14	12.97	244	856953	52.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	99450	10.261	ng	# 77
25) Isophorone	7.44	82	735275	32.934	ng	# 64
50) Dimethylphthalate	9.62	163	233325	10.306	ng	99
57) 2,4-Dinitrotoluene	9.91	165	38015	5.703	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	15599	2.690	ng	# 1

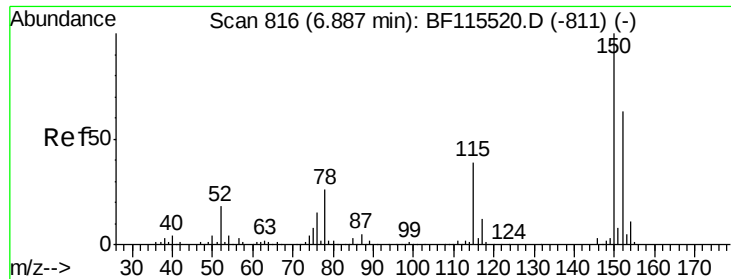
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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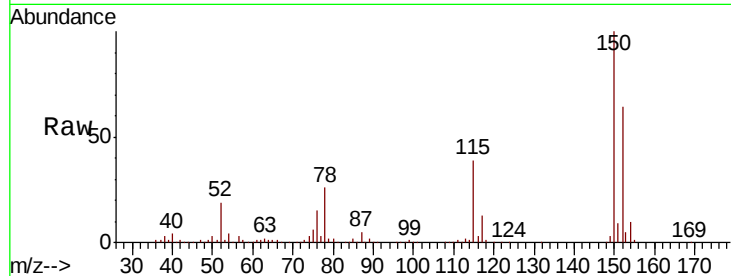


#1

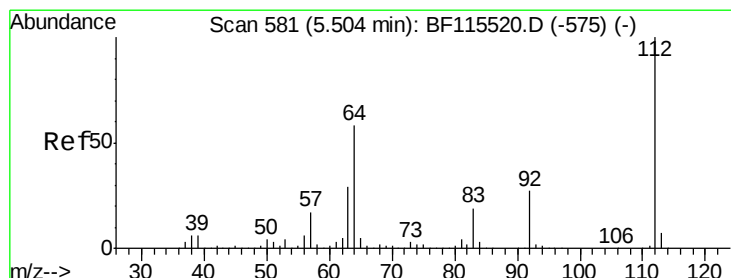
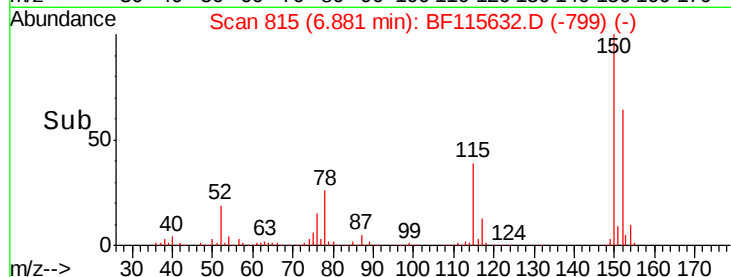
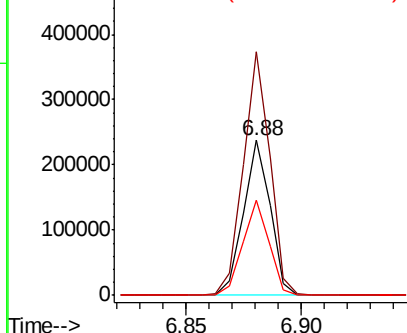
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Instrument :
BNA_F
ClientSampleId :
SB-11(0-2)

Tgt Ion:152 Resp: 191564
Ion Ratio Lower Upper
152 100
150 157.0 129.7 194.5
115 61.1 48.2 72.4



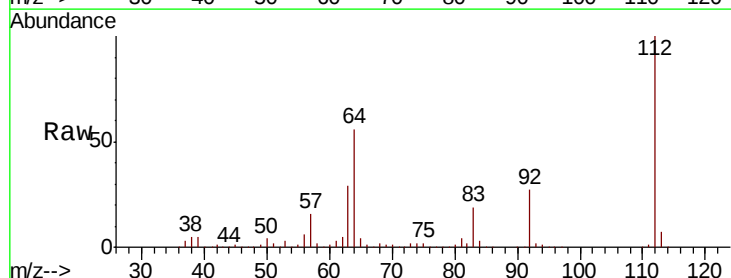
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



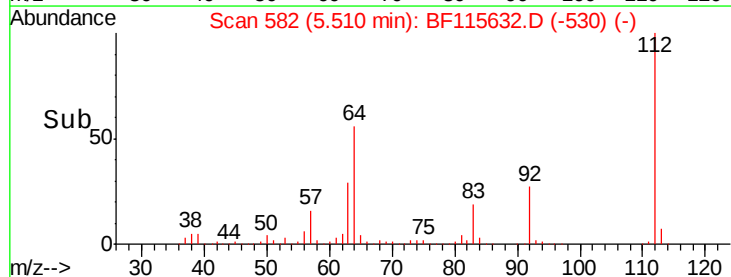
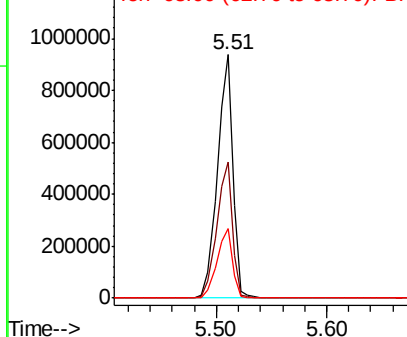
#5

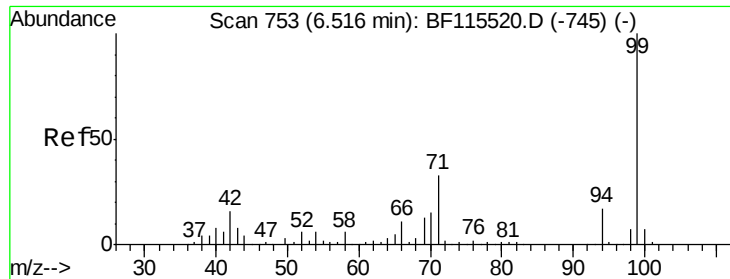
2-Fluorophenol
Concen: 77.575 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion:112 Resp: 908506
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 28.7 24.1 36.1



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: 81.603 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115632.D

Acq: 17 Jul 2019 19:52

Instrument :

BNA_F

ClientSampleId :

SB-11(0-2)

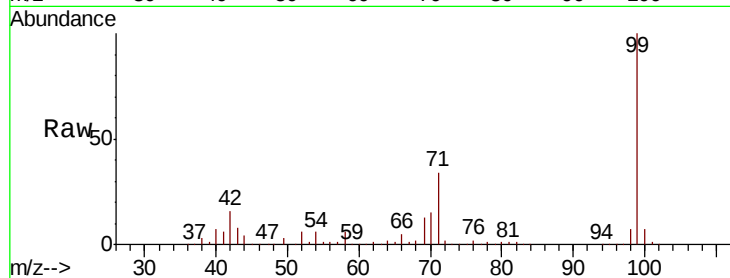
Tgt Ion: 99 Resp: 1212658

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

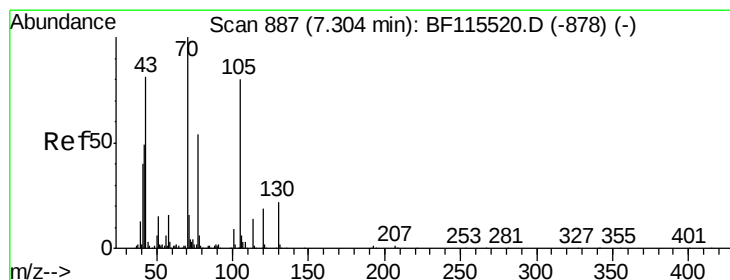
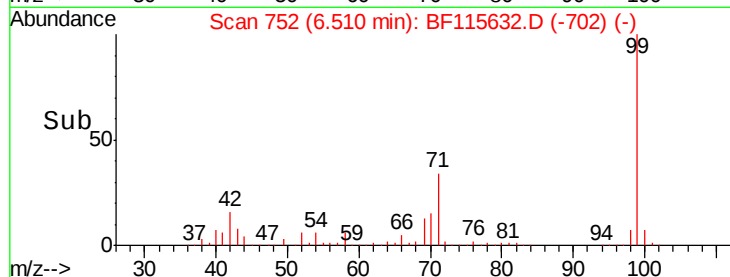
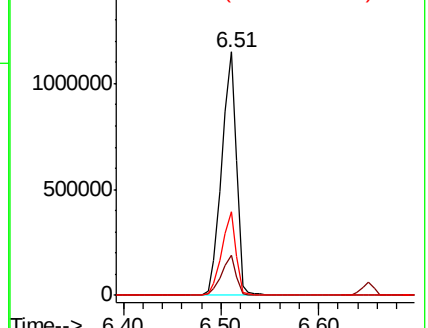
71 34.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.261 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115632.D

Acq: 17 Jul 2019 19:52

Tgt Ion: 70 Resp: 99450

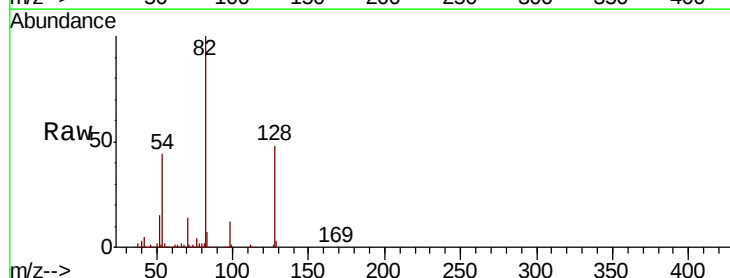
Ion Ratio Lower Upper

70 100

42 40.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

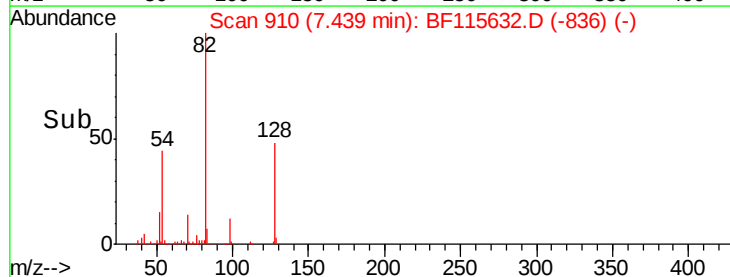
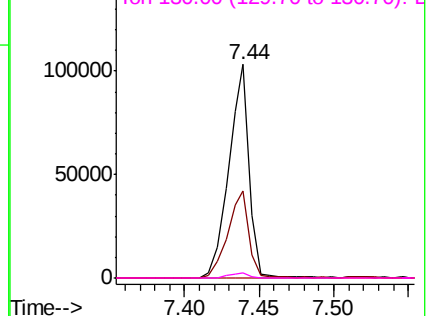


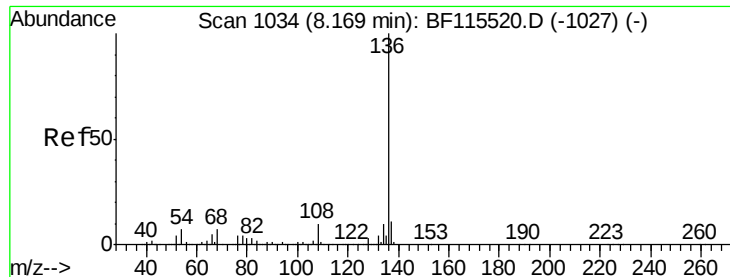
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

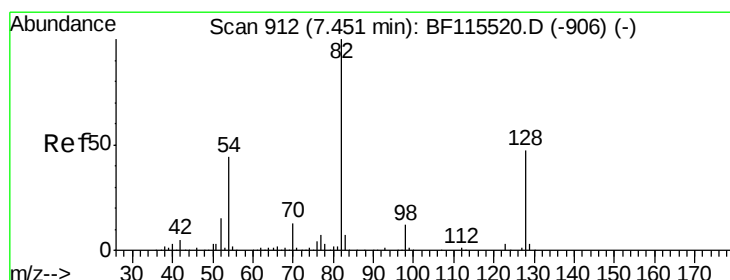
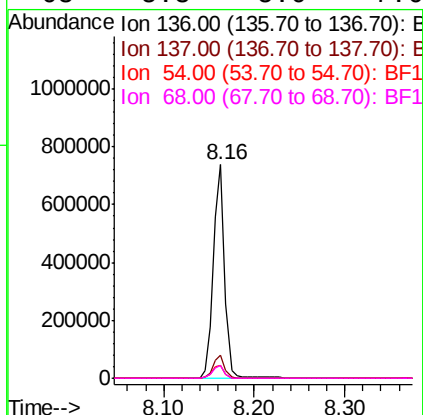
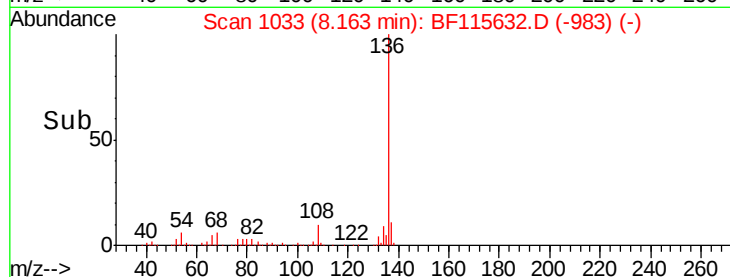
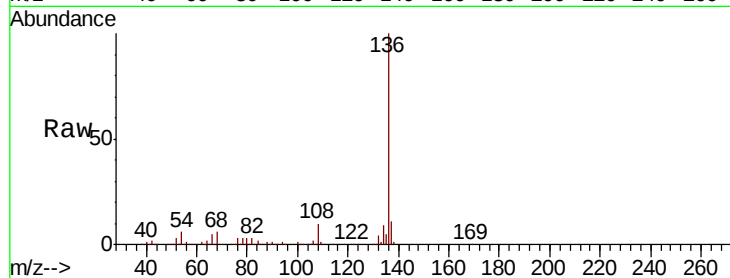




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

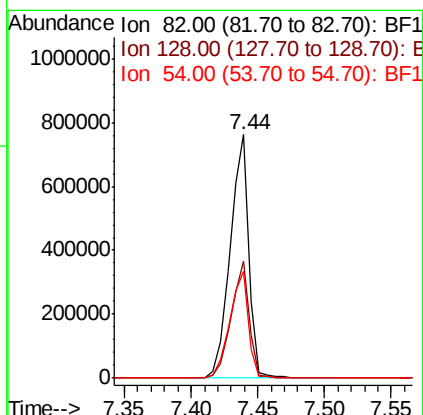
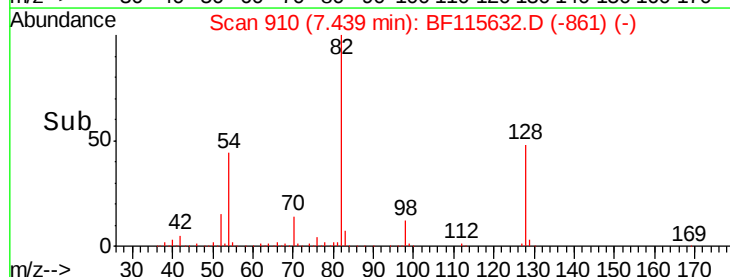
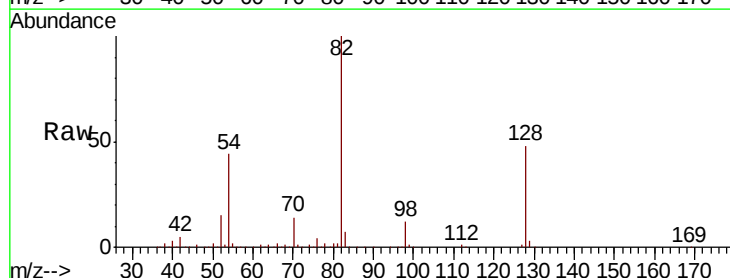
Instrument :
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SB-11(0-2)

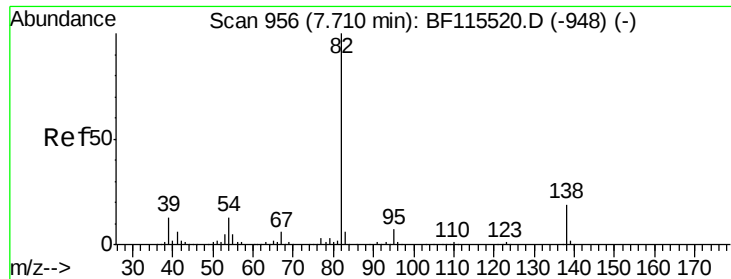
Tgt Ion:	136	Resp:	648762
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.2	5.6	8.4
68	5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 67.247 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion:	82	Resp:	750303
Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.6	57.8
54	43.9	35.6	53.4

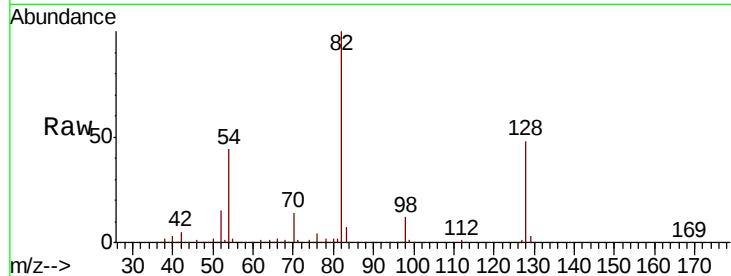




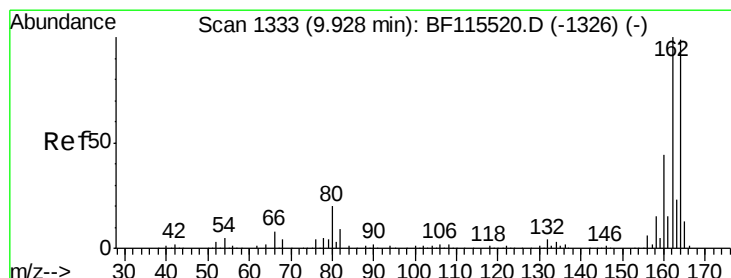
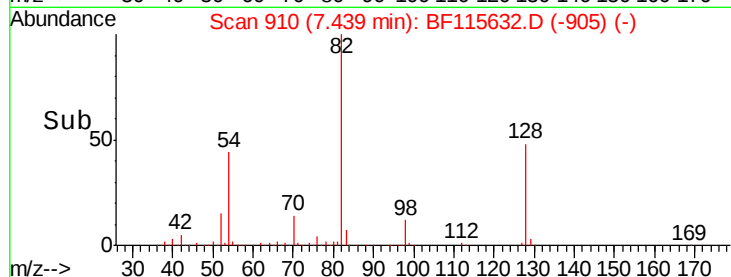
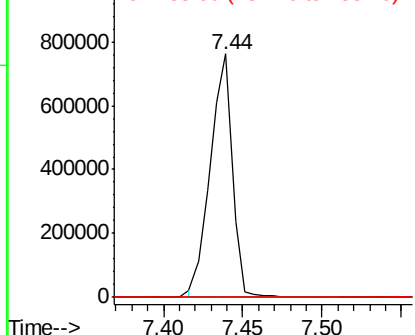
#25
Isophorone
Concen: 32.934 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Instrument :
BNA_F
ClientSampleId :
SB-11(0-2)

Tgt Ion: 82 Resp: 735275
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#

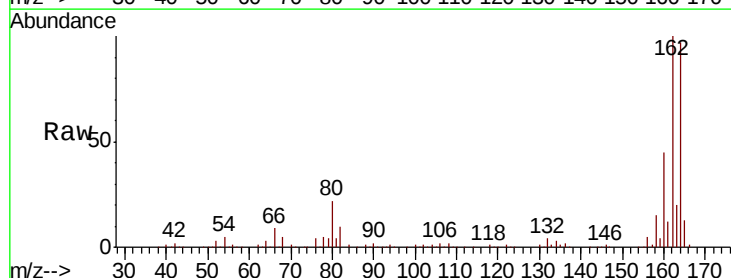


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

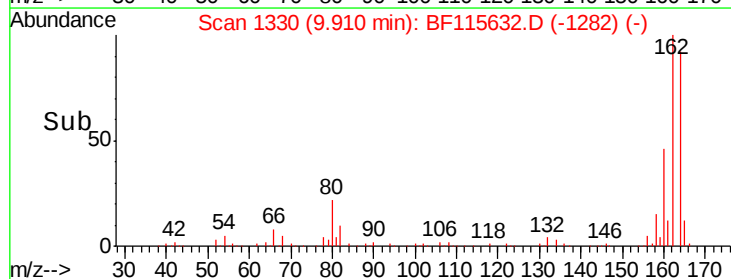
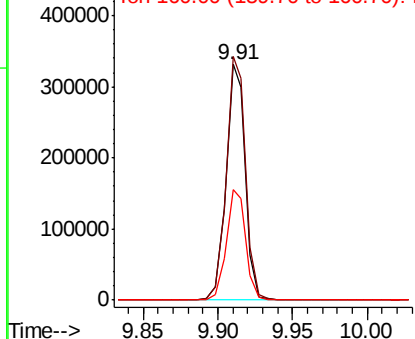


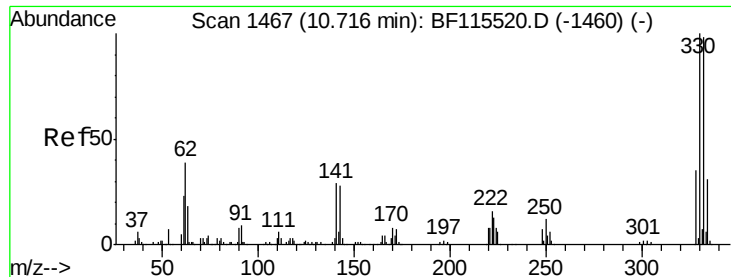
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion: 164 Resp: 300906
Ion Ratio Lower Upper
164 100
162 103.5 82.9 124.3
160 47.0 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

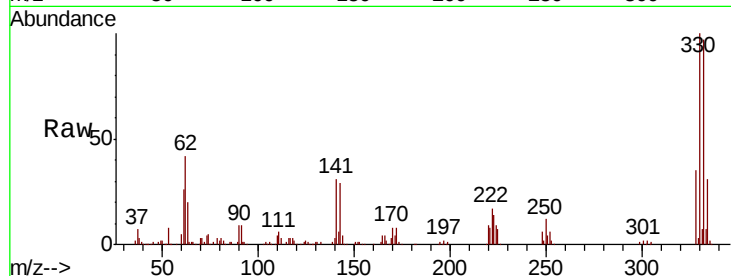




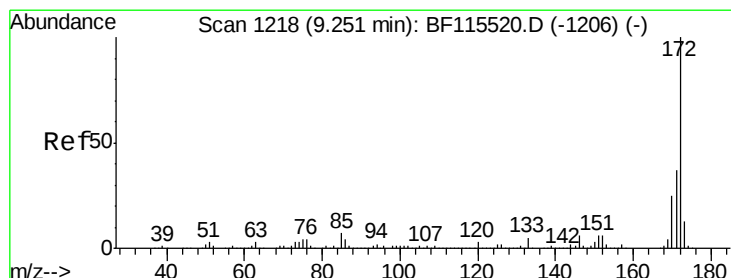
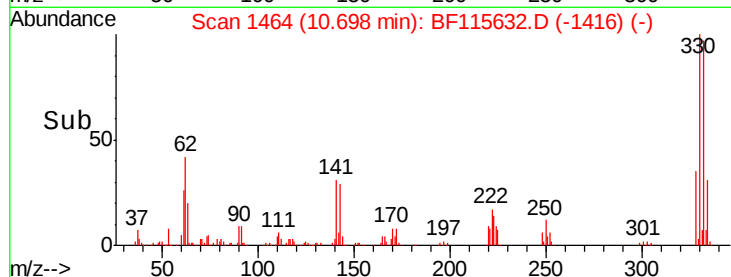
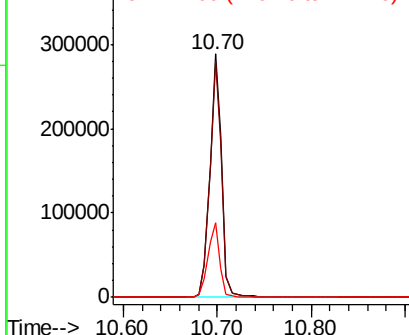
#42
 2,4,6-Tribromophenol
 Concen: 73.226 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115632.D
 Acq: 17 Jul 2019 19:52

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Tgt Ion:330 Resp: 257192
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 30.7 22.4 33.6

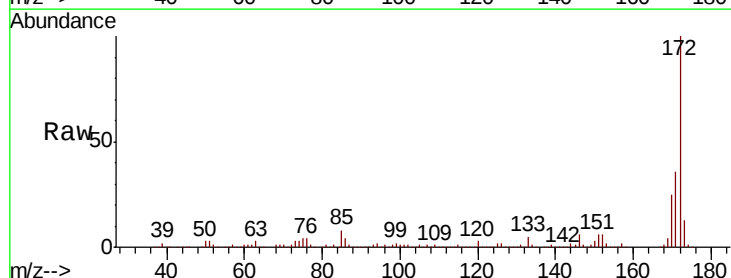


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

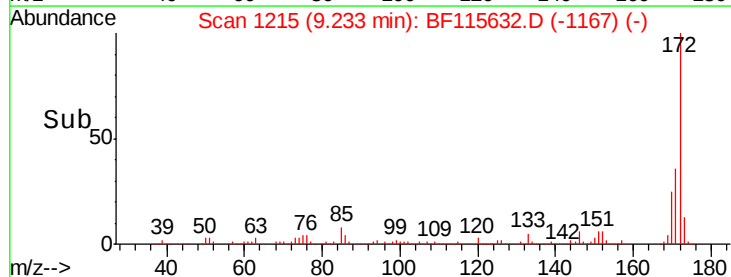
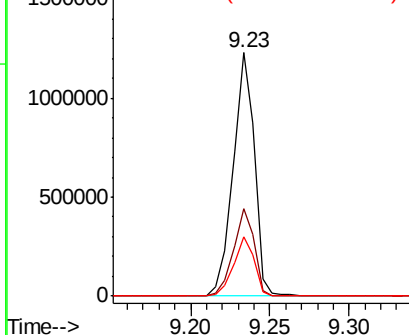


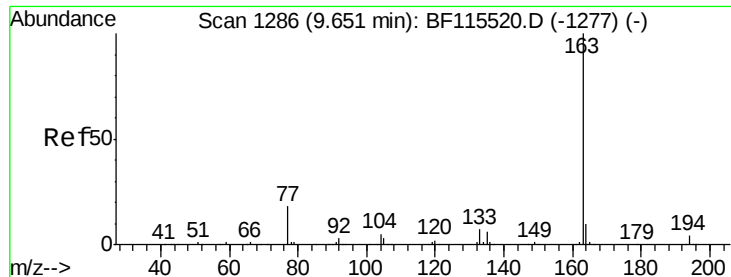
#45
 2-Fluorobiphenyl
 Concen: 66.592 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115632.D
 Acq: 17 Jul 2019 19:52

Tgt Ion:172 Resp: 1144831
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.6 46.0
 170 24.6 20.5 30.7



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

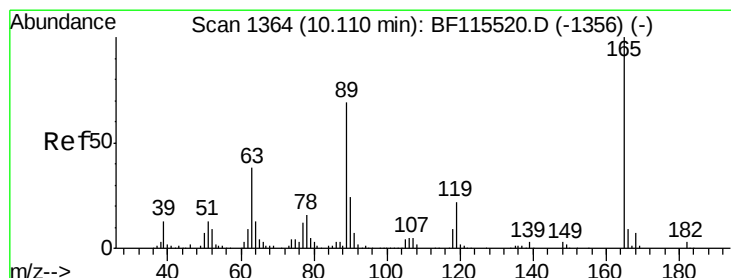
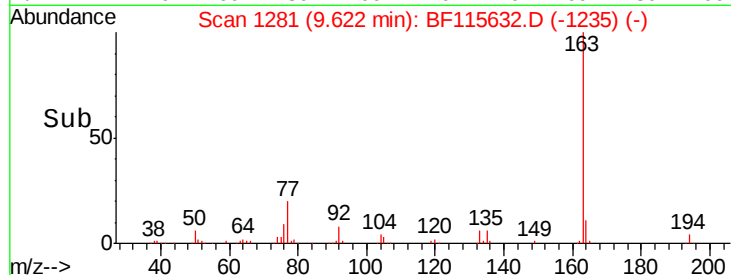
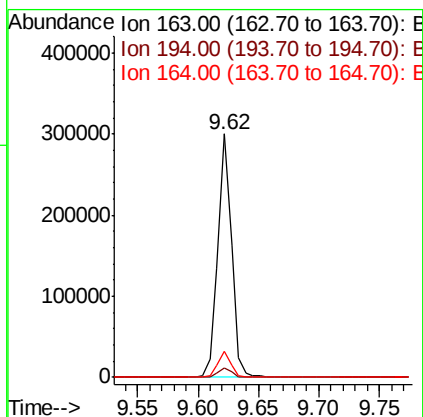
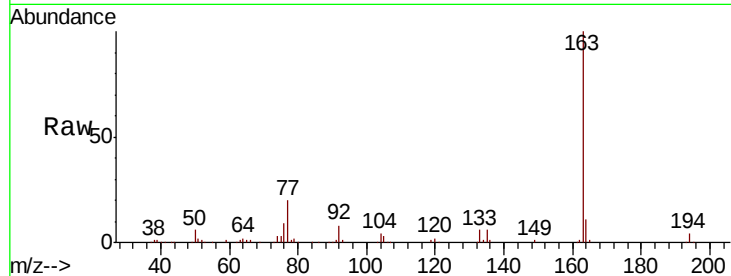




#50
Dimethylphthalate
Concen: 10.306 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

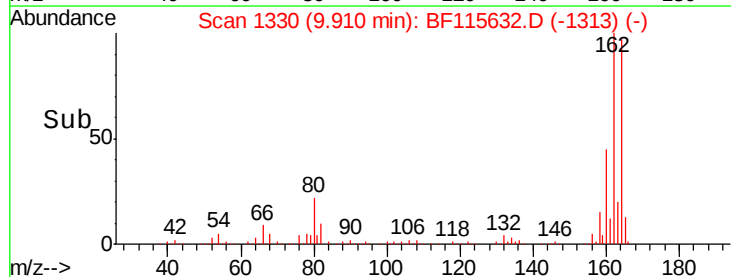
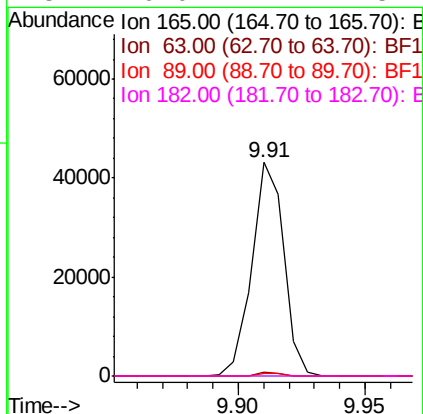
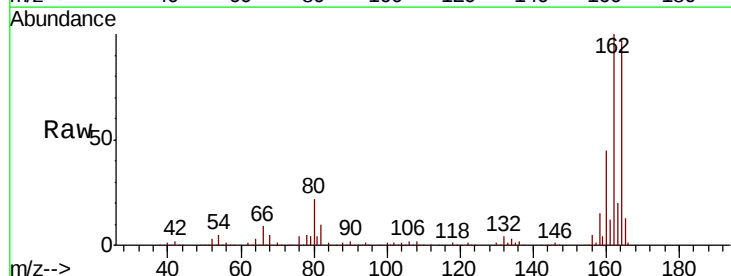
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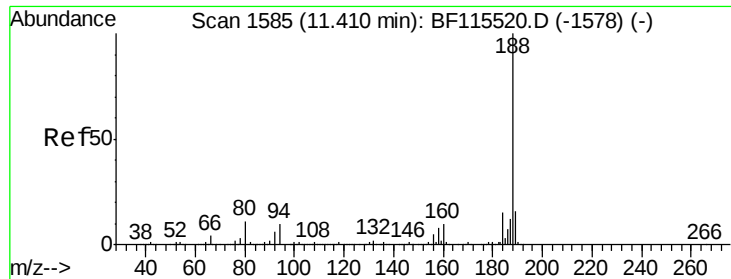
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.6	8.7	13.1



#57
2,4-Dinitrotoluene
Concen: 5.703 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.9	52.3#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#

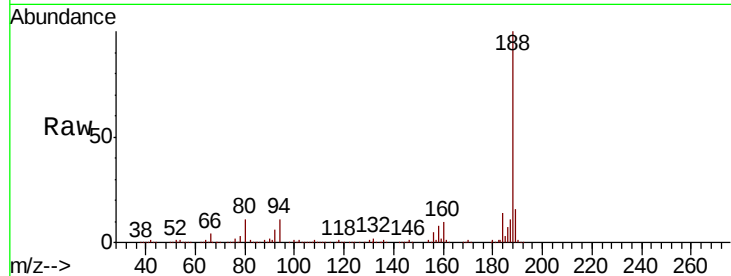




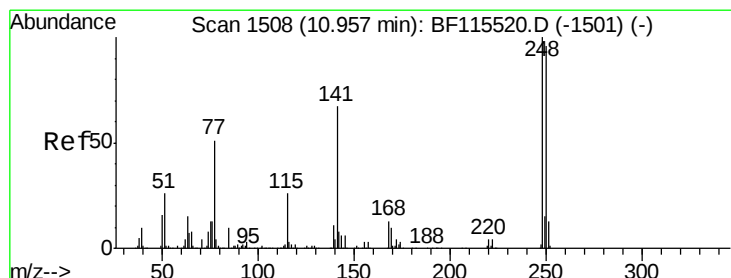
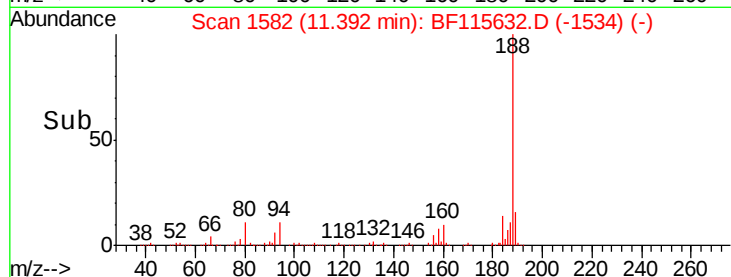
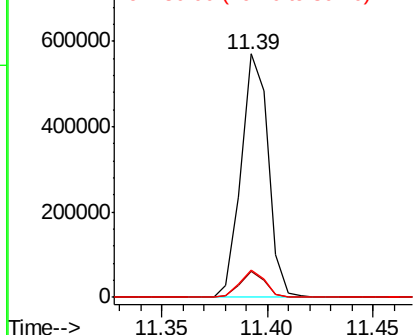
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Instrument :
BNA_F
ClientSampleId :
SB-11(0-2)

Tgt Ion:188 Resp: 507352
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.5 8.6 13.0

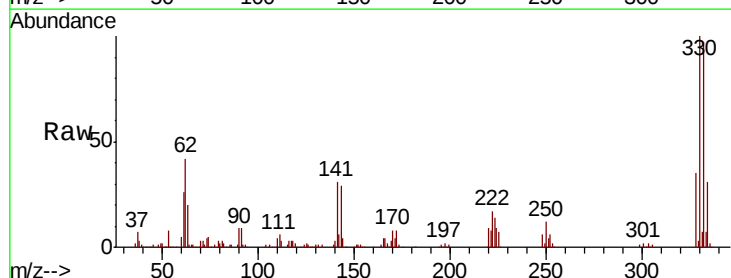


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

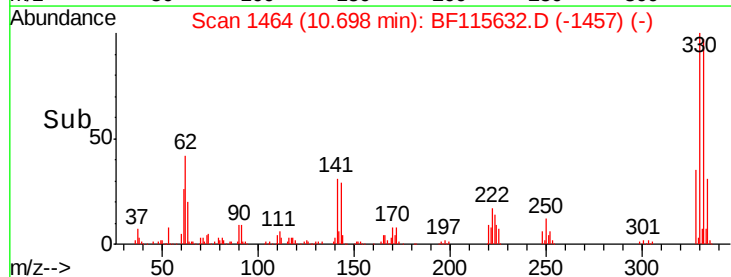
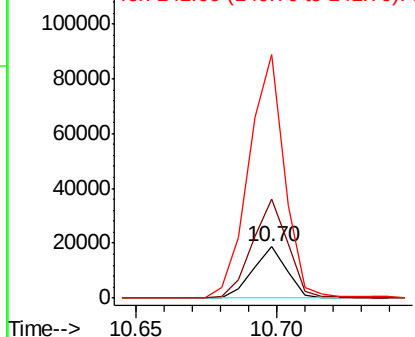


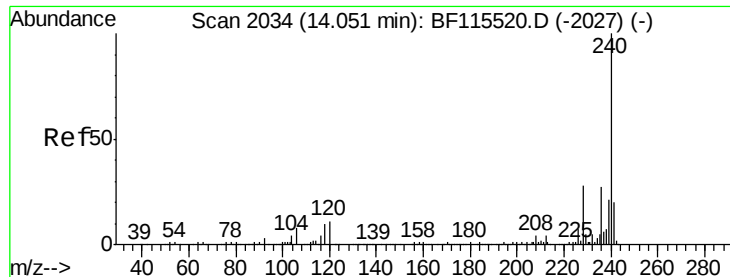
#67
4-Bromophenyl-phenylether
Concen: 2.690 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion:248 Resp: 15599
Ion Ratio Lower Upper
248 100
250 192.1 78.0 117.0#
141 473.7 57.7 86.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

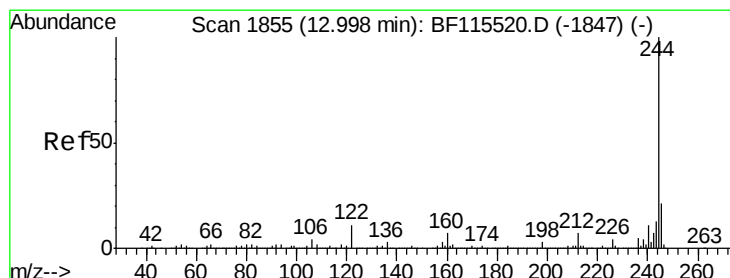
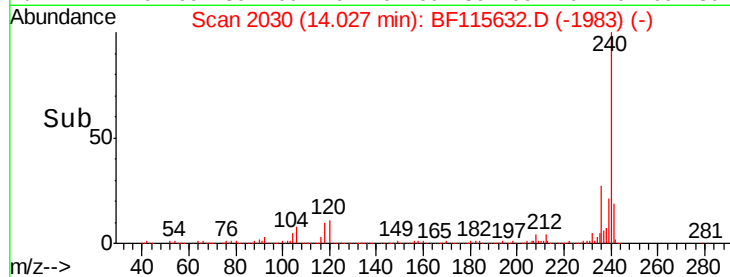
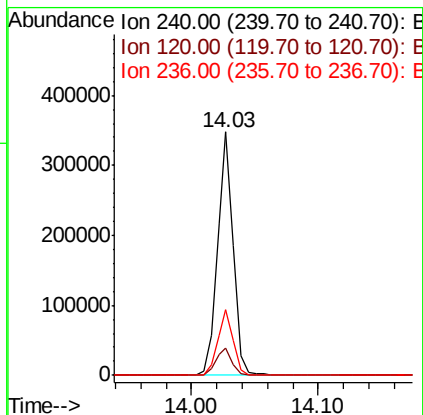
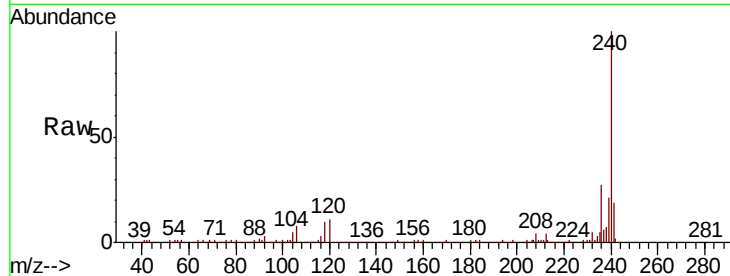




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

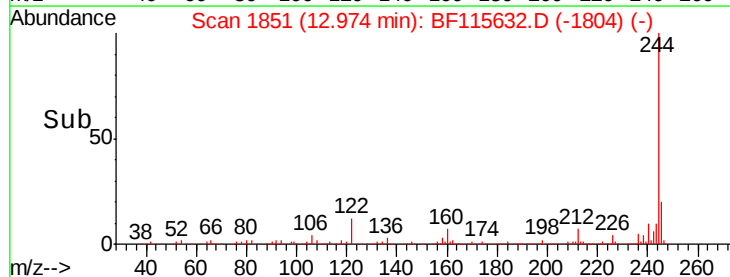
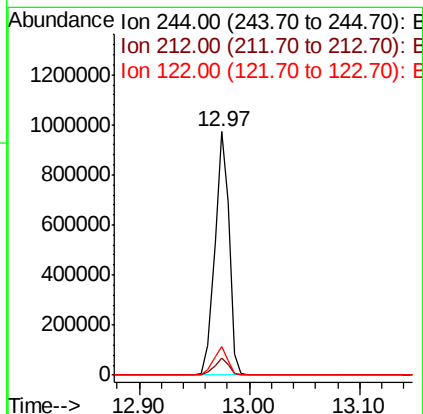
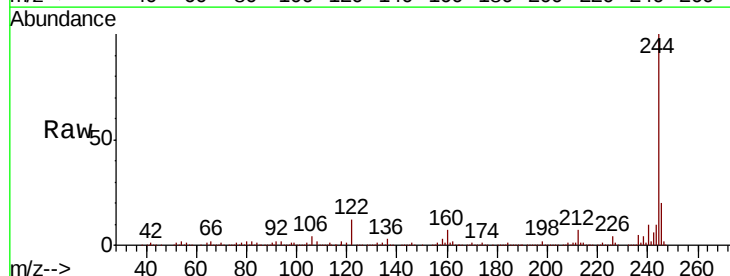
Instrument :
BNA_F
ClientSampleId :
SB-11(0-2)

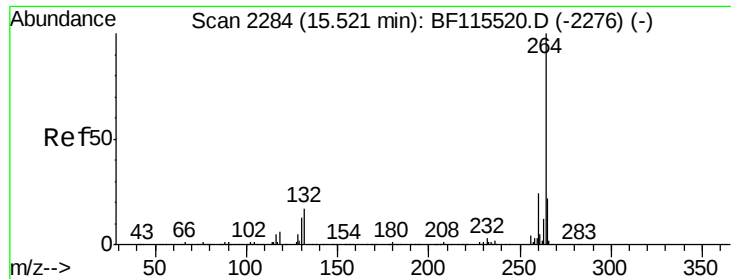
Tgt Ion:240 Resp: 302223
Ion Ratio Lower Upper
240 100
120 11.1 8.6 13.0
236 26.9 21.3 31.9



#79
Terphenyl-d14
Concen: 52.320 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Tgt Ion:244 Resp: 856953
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 11.8 8.6 12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.03 min
Lab File: BF115632.D
Acq: 17 Jul 2019 19:52

Instrument :
BNA_F
ClientSampleId :
SB-11(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.0	17.7	26.5

