

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113116.D
 Acq On : 19 Mar 2019 3:41
 Operator : JU/SJ
 Sample : K1947-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Quant Time: Mar 19 06:47:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

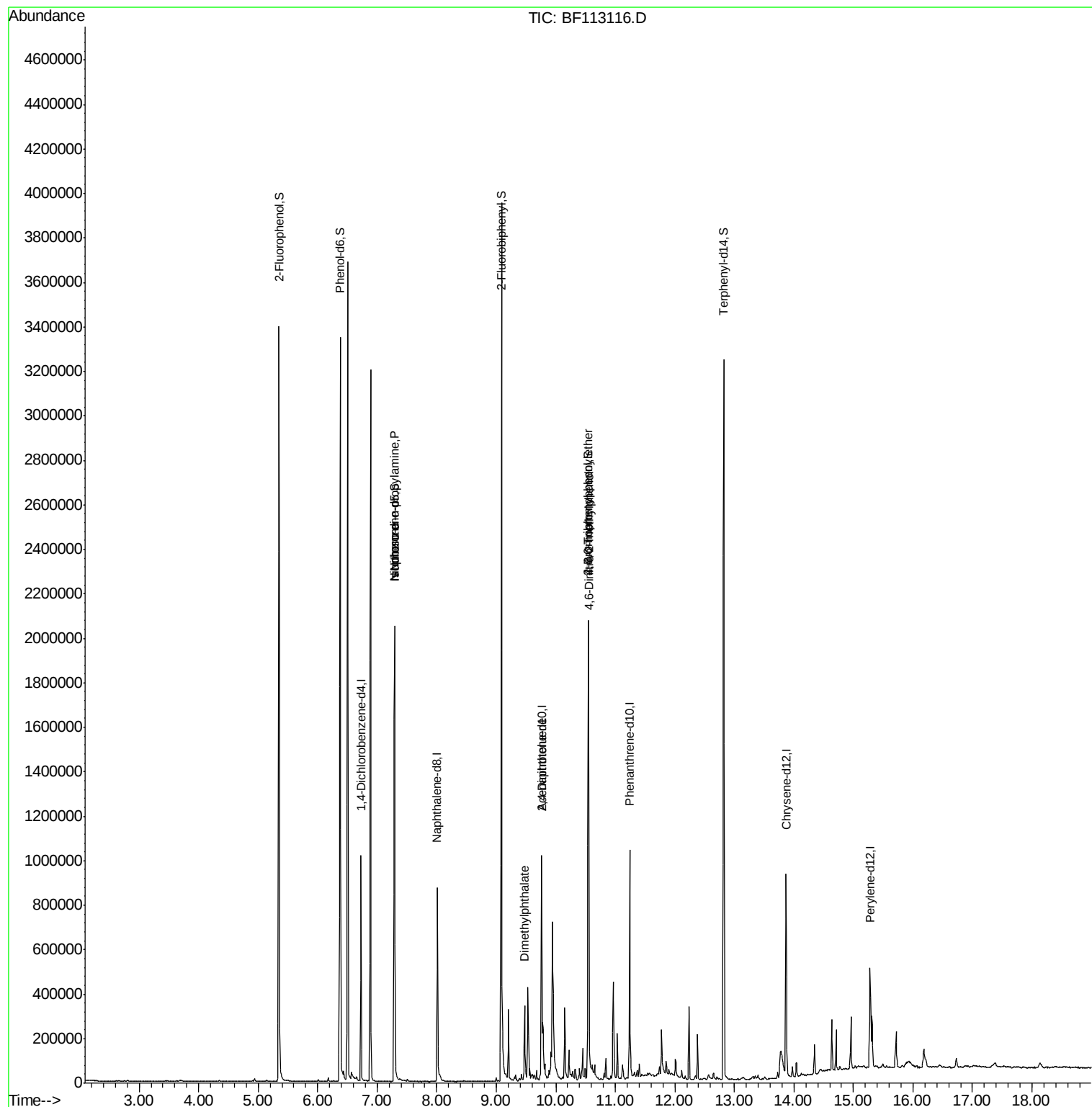
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144007	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	452567	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	244122	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	428587	20.00	ng	0.00
76) Chrysene-d12	13.87	240	339331	20.00	ng	0.00
87) Perylene-d12	15.28	264	237755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1004824	108.54	ng	0.00
7) Phenol-d6	6.38	99	1282070	110.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	703204	92.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	332913	128.46	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1392907	98.71	ng	0.00
79) Terphenyl-d14	12.82	244	1147927	65.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	92332	12.536	ng	# 74
25) Isophorone	7.29	82	699935	42.957	ng	# 66
50) Dimethylphthalate	9.48	163	159698	8.872	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	30517	6.550	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.56	198	601	4.921	ng	# 68
67) 4-Bromophenyl-phenylether	10.55	248	18691	4.140	ng	# 1

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

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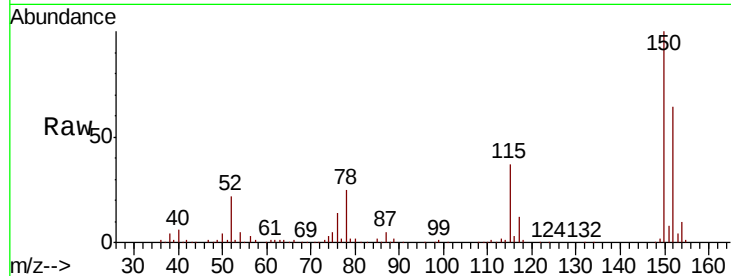




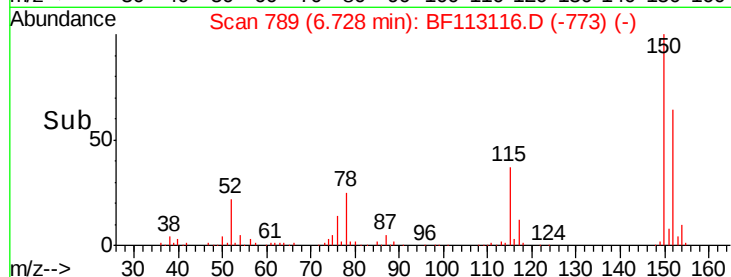
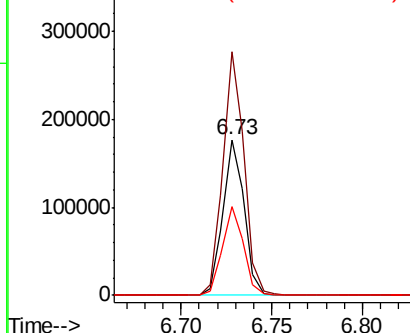
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Tgt Ion:152 Resp: 144007
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.2 186.2
 115 57.3 48.2 72.4

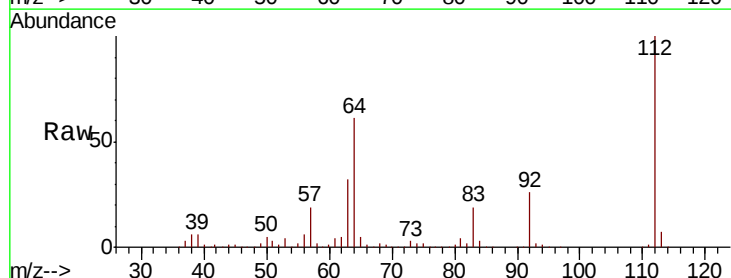


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

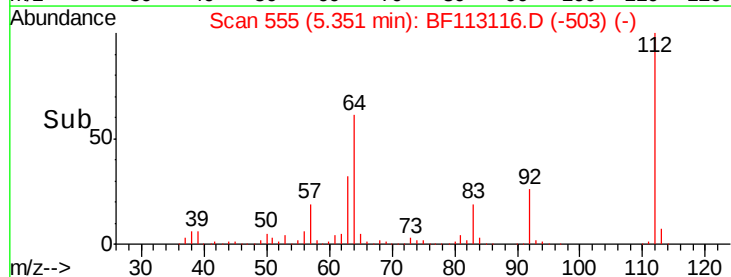
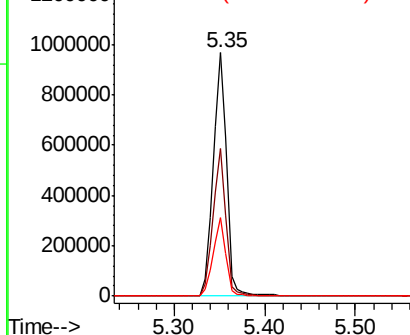


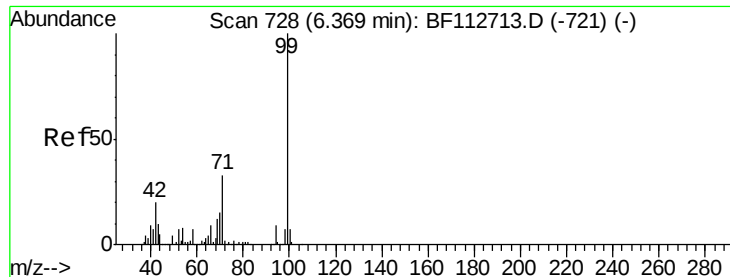
#5
 2-Fluorophenol
 Concen: 108.540 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Tgt Ion:112 Resp: 1004824
 Ion Ratio Lower Upper
 112 100
 64 60.8 47.6 71.4
 63 32.0 24.4 36.6



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: 110.246 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Instrument :

BNA_F

ClientSampleId :

PST-025-B130-031319

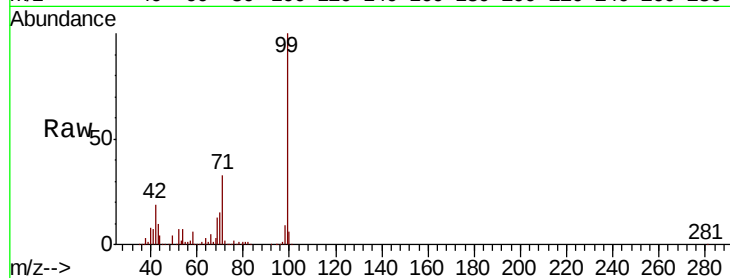
Tgt Ion: 99 Resp: 1282070

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

71 32.9 26.2 39.4

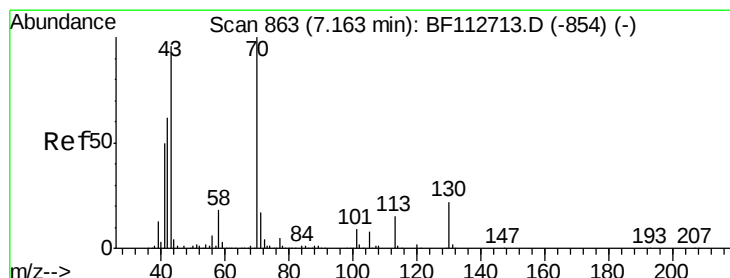
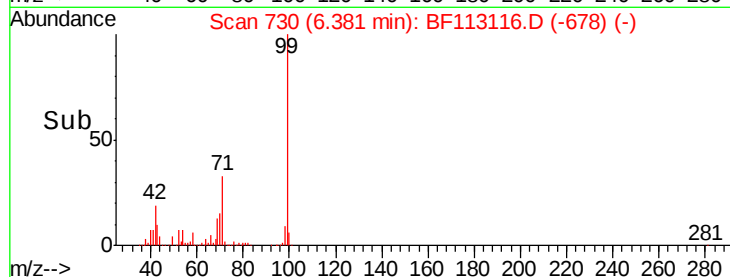
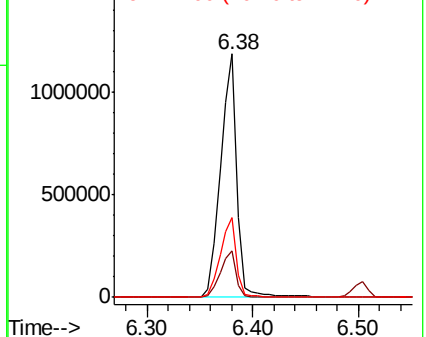


Abundance

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: 12.536 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Tgt Ion: 70 Resp: 92332

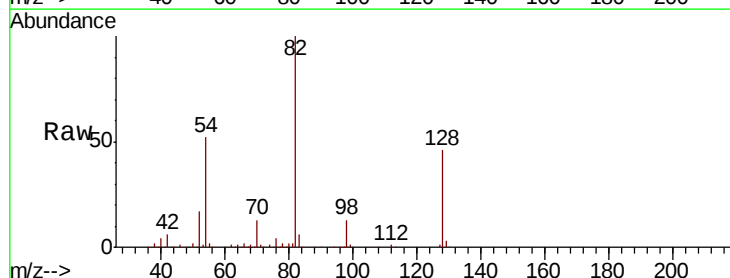
Ion Ratio Lower Upper

70 100

42 47.0 49.9 74.9#

101 0.0 7.4 11.2#

130 1.7 17.4 26.2#



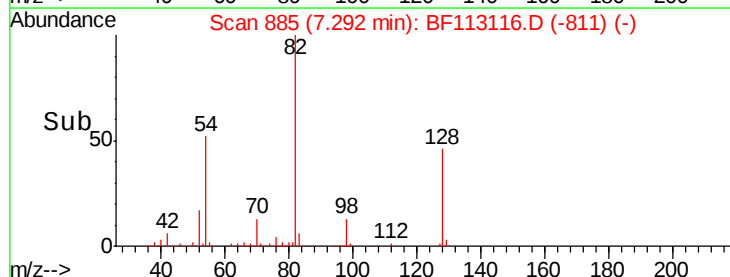
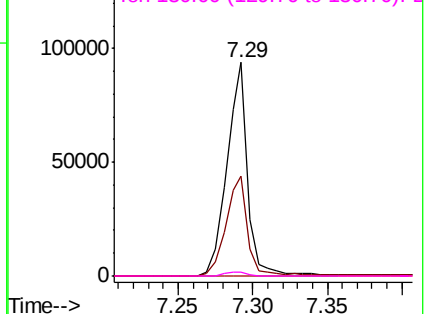
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1

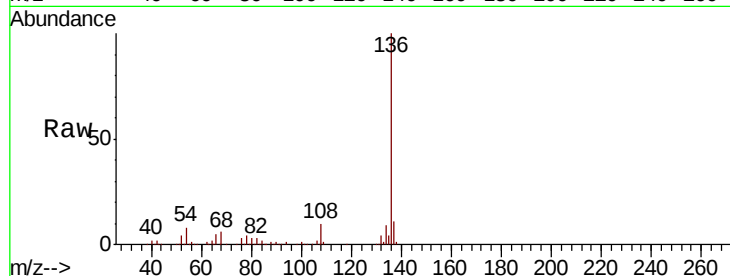




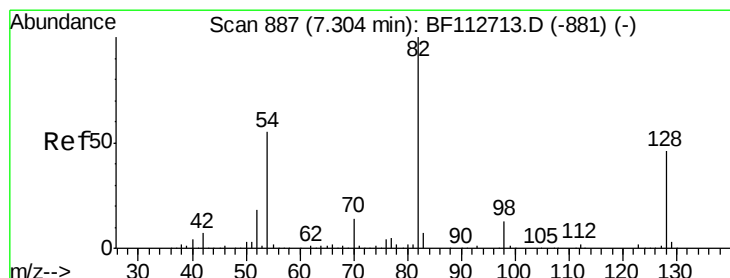
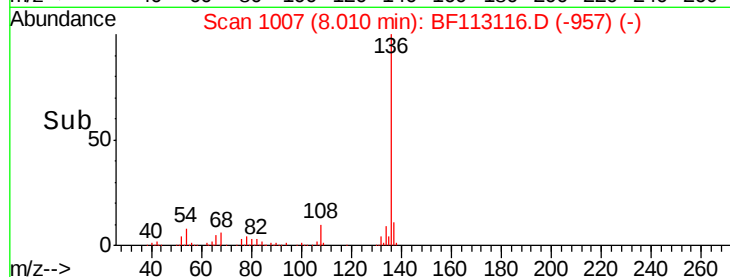
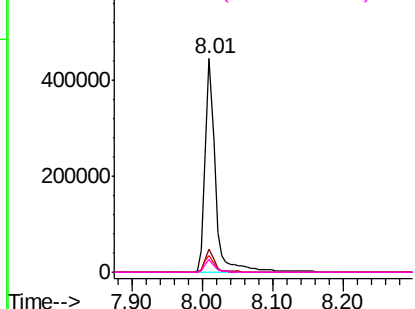
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

Tgt Ion:	136	Resp:	452567
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	5.8	5.4	8.2

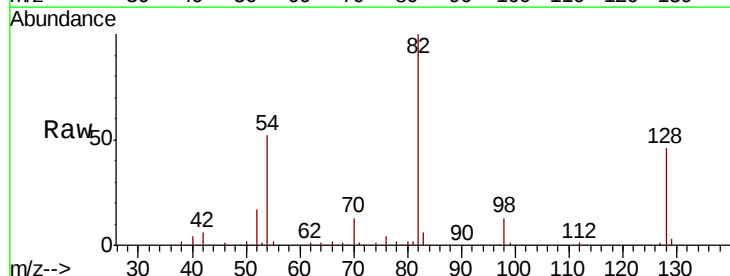


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

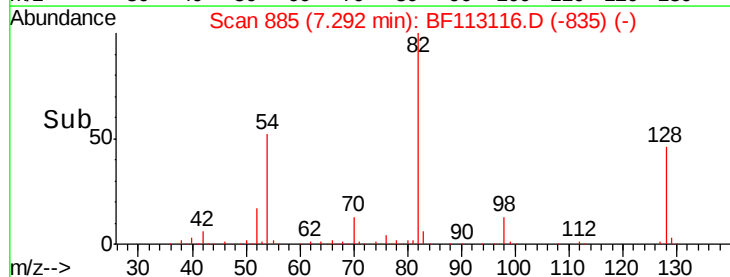
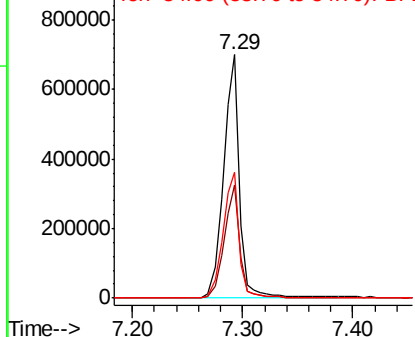


#23
Nitrobenzene-d5
Concen: 92.977 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:	82	Resp:	703204
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	51.6	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

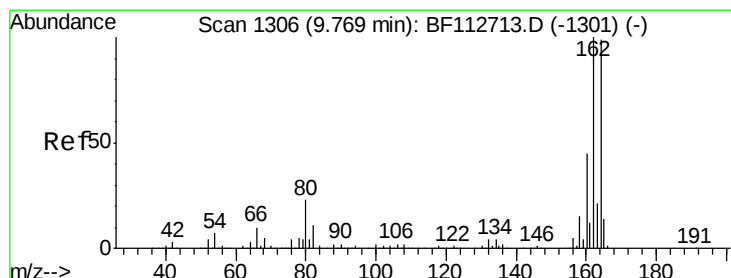
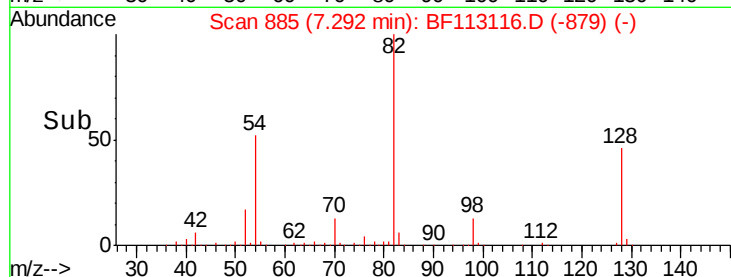
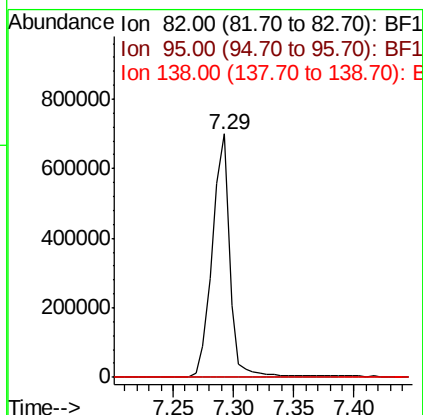
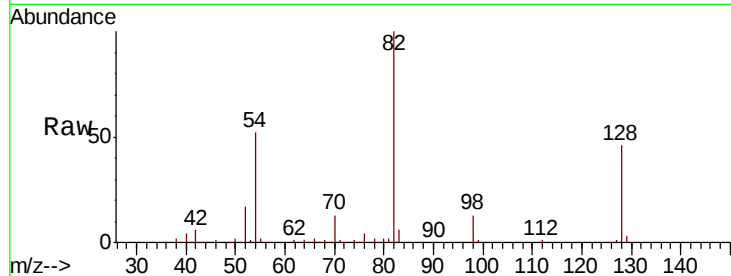




#25
Isophorone
Concen: 42.957 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

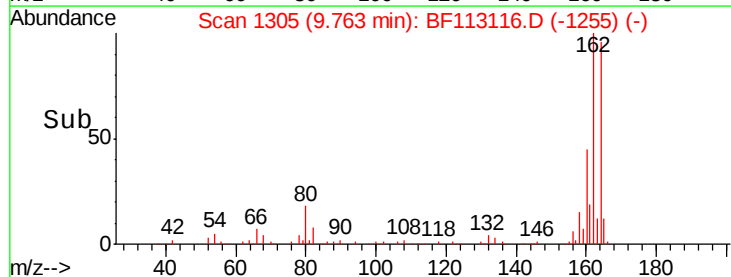
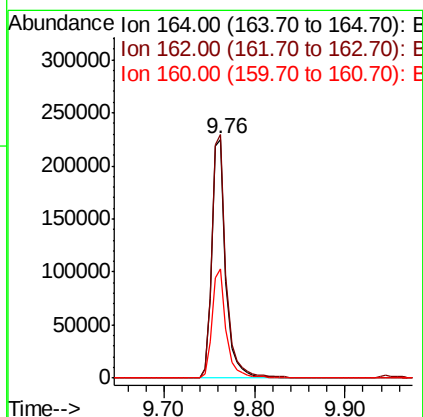
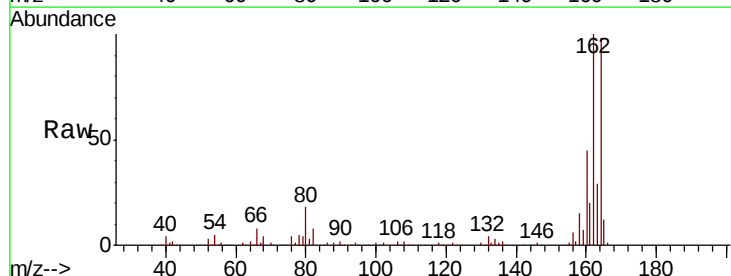
Instrument :
BNA_F
ClientSampleId :
PST-025-B130-031319

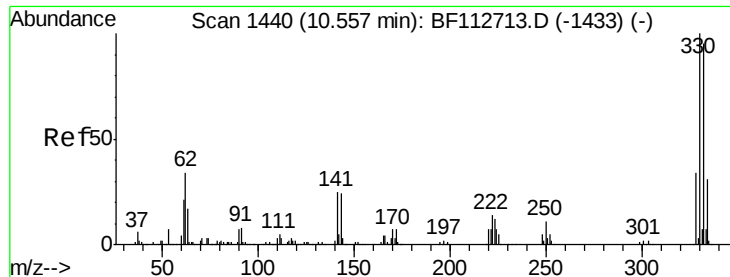
Tgt Ion: 82 Resp: 699935
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion: 164 Resp: 244122
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.8 36.0 54.0

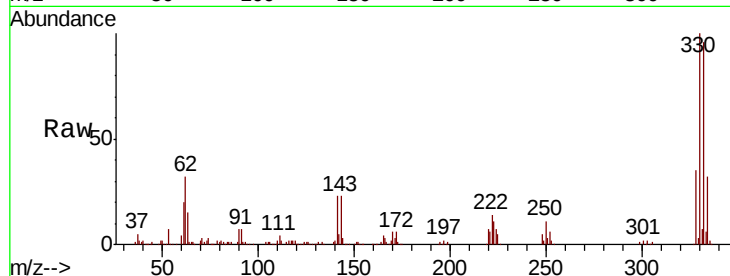




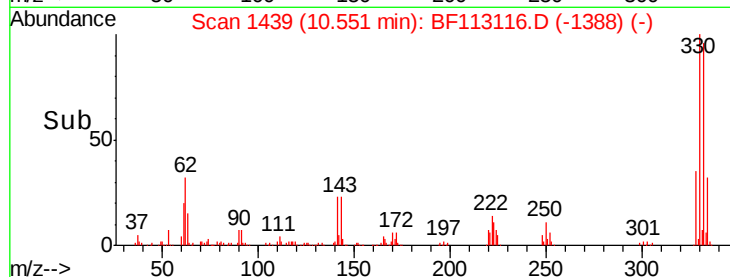
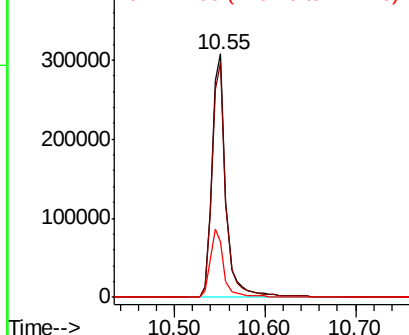
#42
 2,4,6-Tribromophenol
 Concen: 128.455 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Tgt Ion: 330 Resp: 332913
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 27.8 27.0 40.6

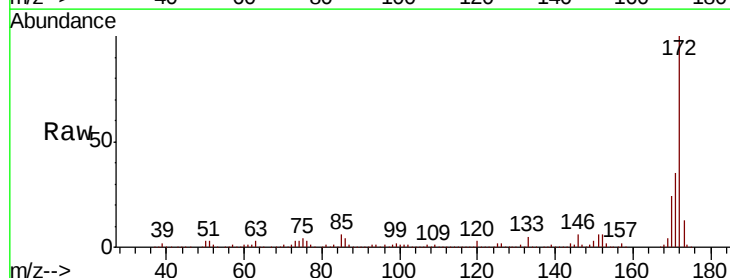


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

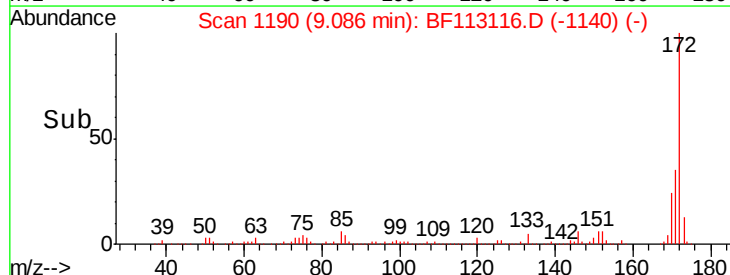
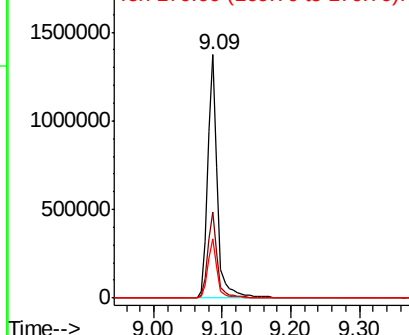


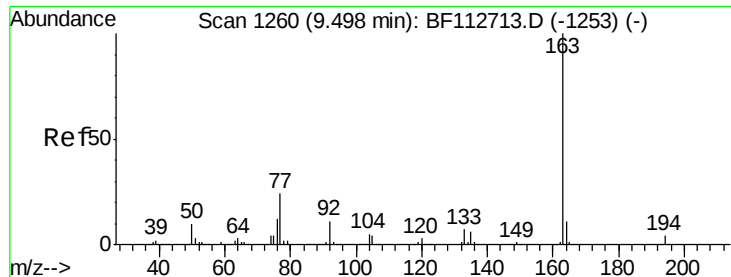
#45
 2-Fluorobiphenyl
 Concen: 98.710 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Tgt Ion: 172 Resp: 1392907
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.4
 170 24.3 20.0 30.0



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

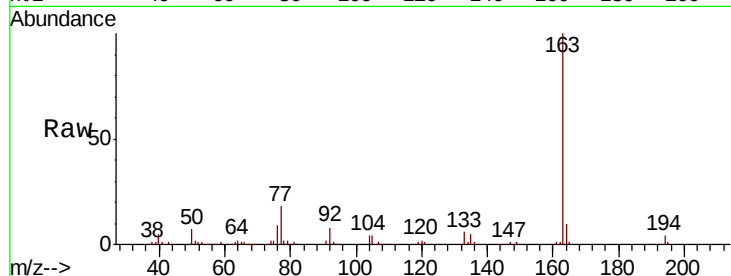




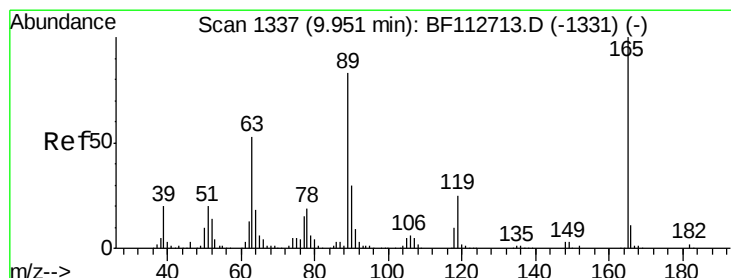
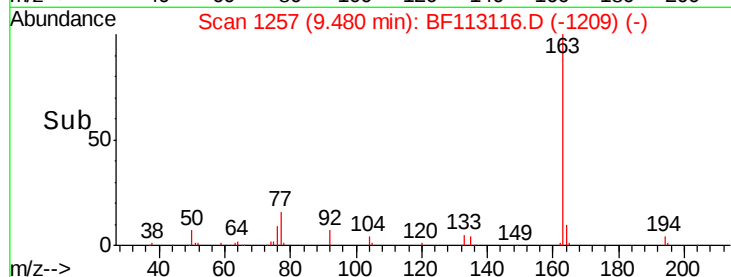
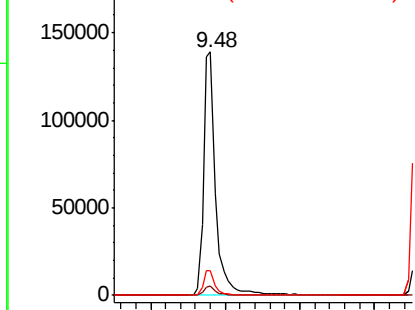
#50
Dimethylphthalate
Concen: 8.872 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

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ClientSampleId :
PST-025-B130-031319

Tgt Ion:163 Resp: 159698
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6

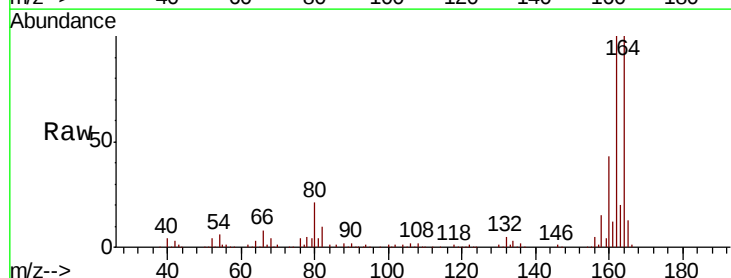


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

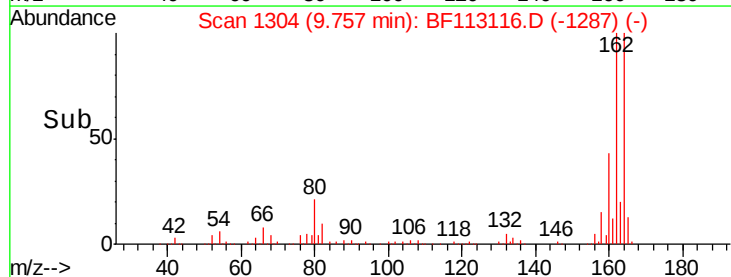
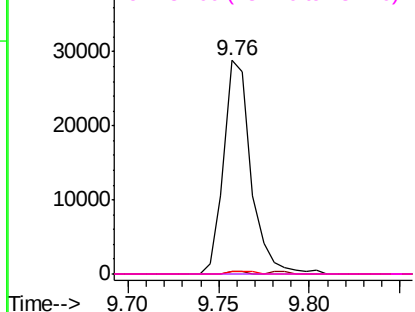


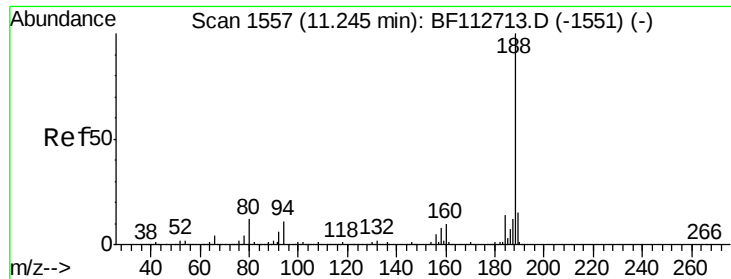
#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:165 Resp: 30517
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.3 66.2 99.4#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

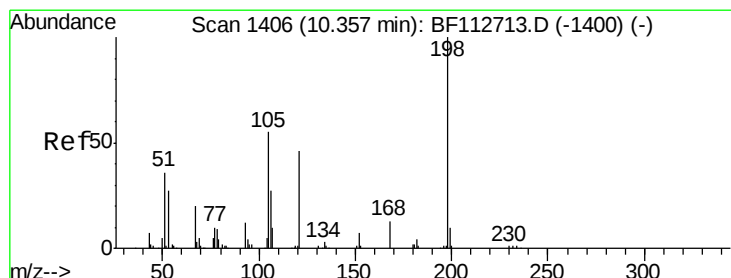
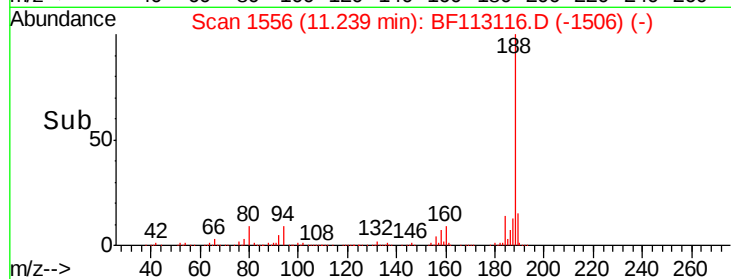
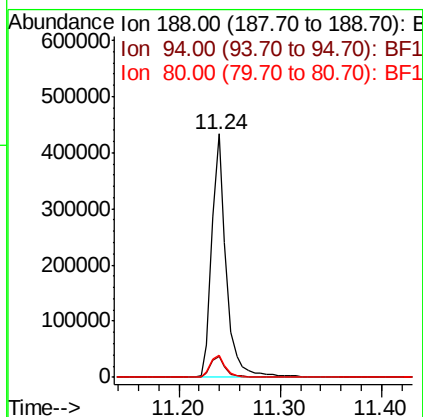
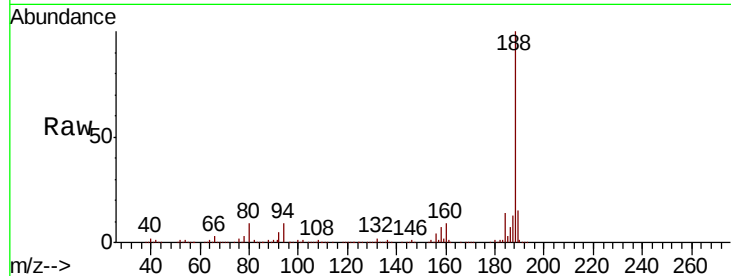




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

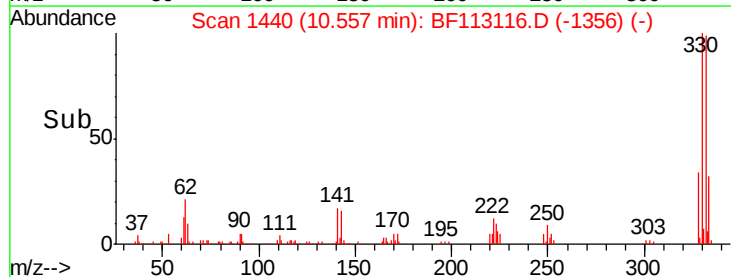
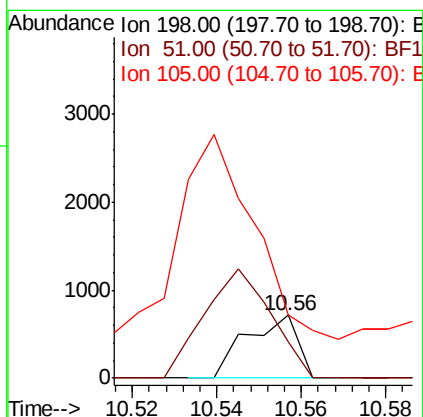
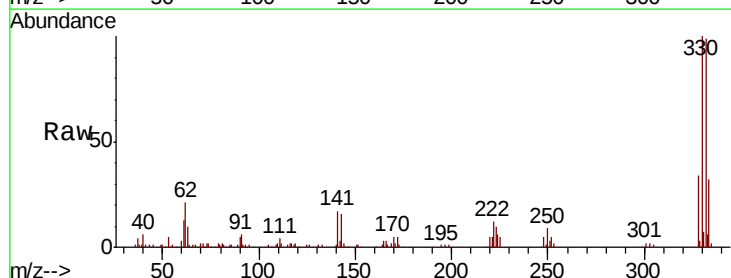
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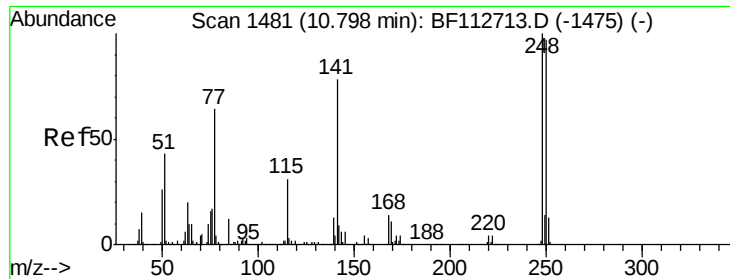
Tgt Ion:188 Resp: 428587
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.921 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF113116.D
Acq: 19 Mar 2019 3:41

Tgt Ion:198 Resp: 601
Ion Ratio Lower Upper
198 100
51 57.3 43.8 83.8
105 100.1 36.5 76.5#

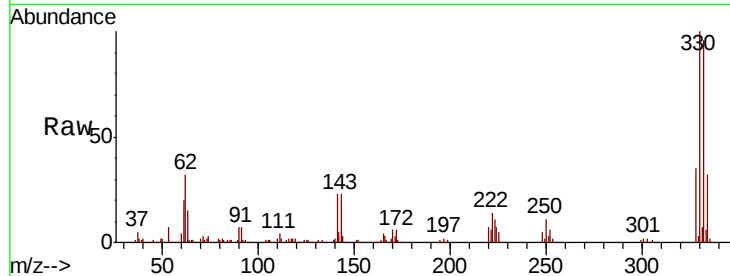




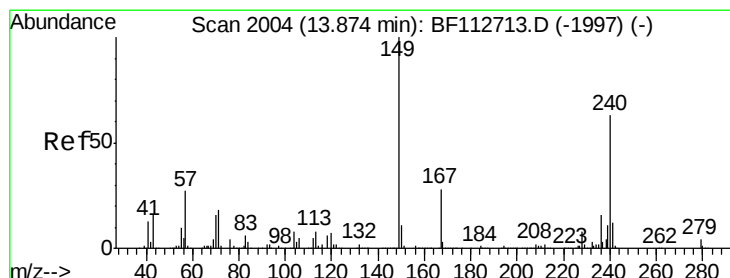
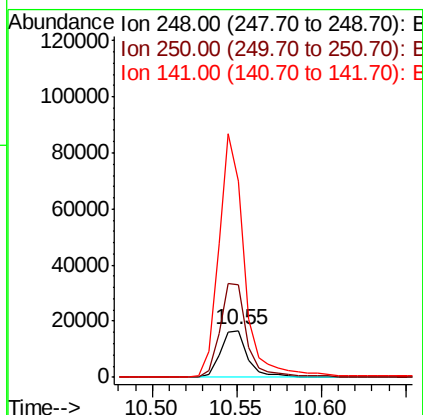
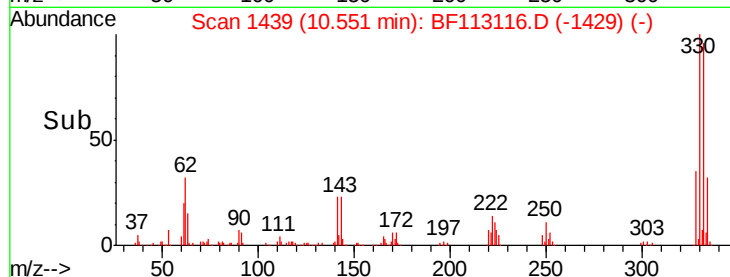
#67
 4-Bromophenyl-phenylether
 Concen: 4.140 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B130-031319

Tgt Ion:248 Resp: 18691
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.5 116.3#
 141 422.0 62.4 93.6#

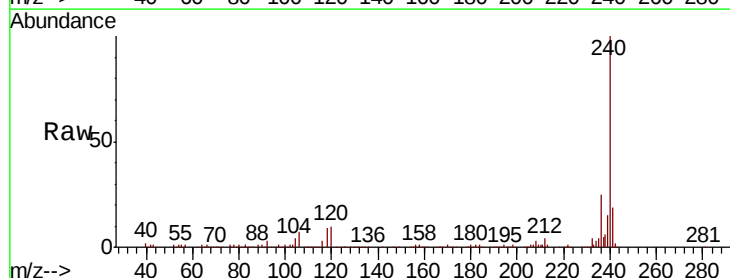


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

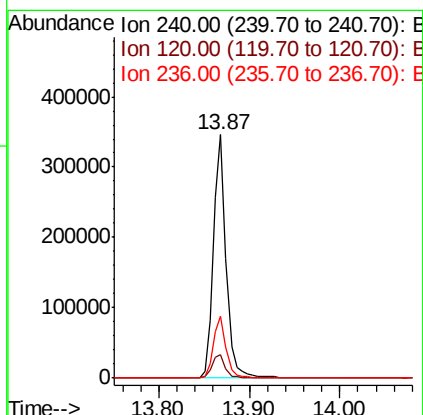
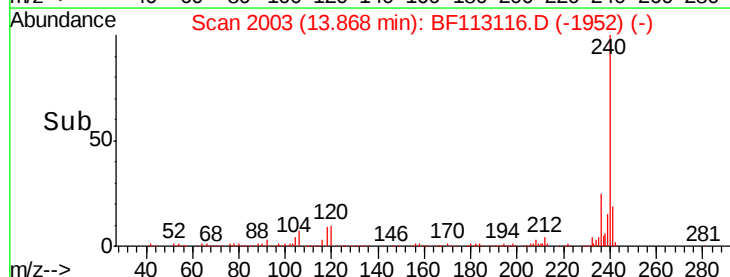


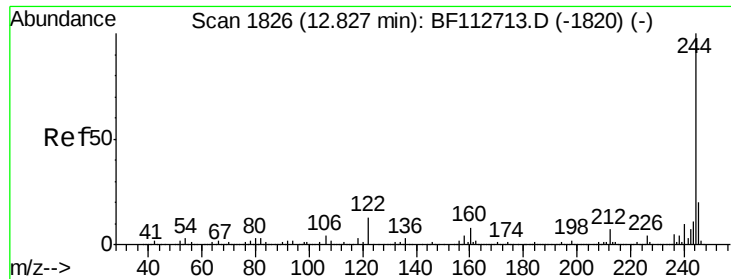
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113116.D
 Acq: 19 Mar 2019 3:41

Tgt Ion:240 Resp: 339331
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.9 13.3
 236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.578 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

Instrument :

BNA_F

ClientSampleId :

PST-025-B130-031319

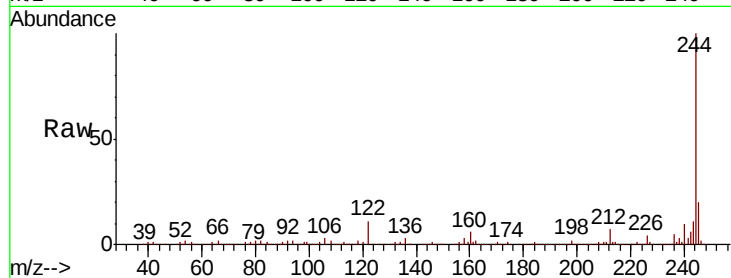
Tgt Ion:244 Resp: 1147927

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

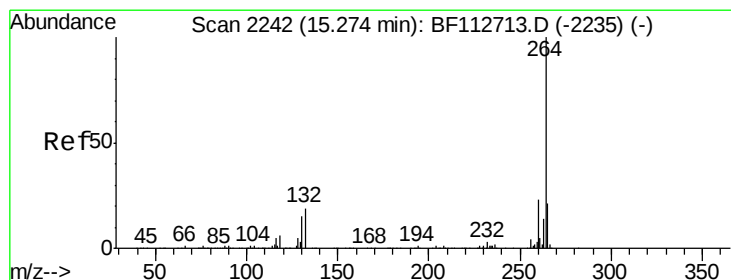
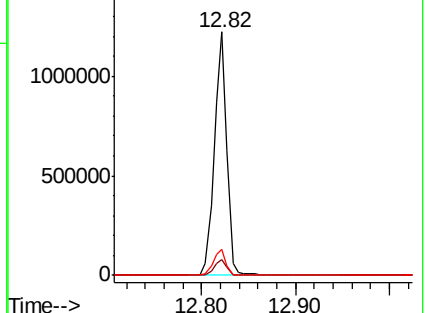
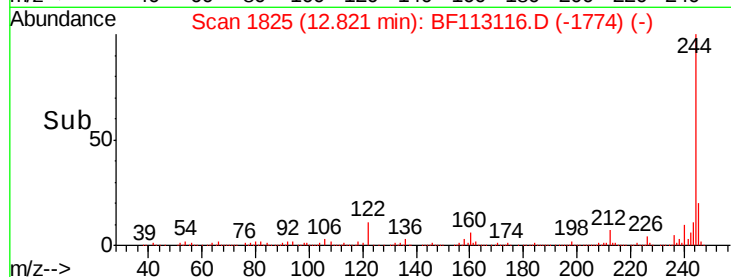
122 10.7 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113116.D

Acq: 19 Mar 2019 3:41

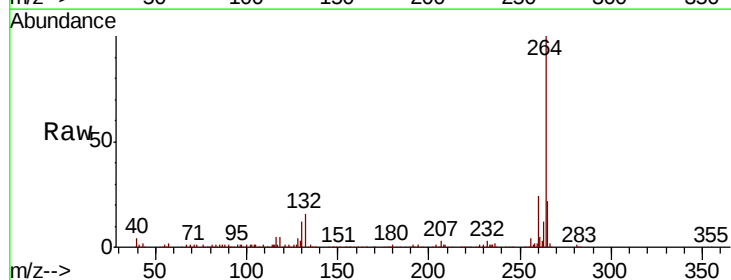
Tgt Ion:264 Resp: 237755

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

