

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113374.D
 Acq On : 28 Mar 2019 15:11
 Operator : JU/SJ
 Sample : K2106-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:10:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

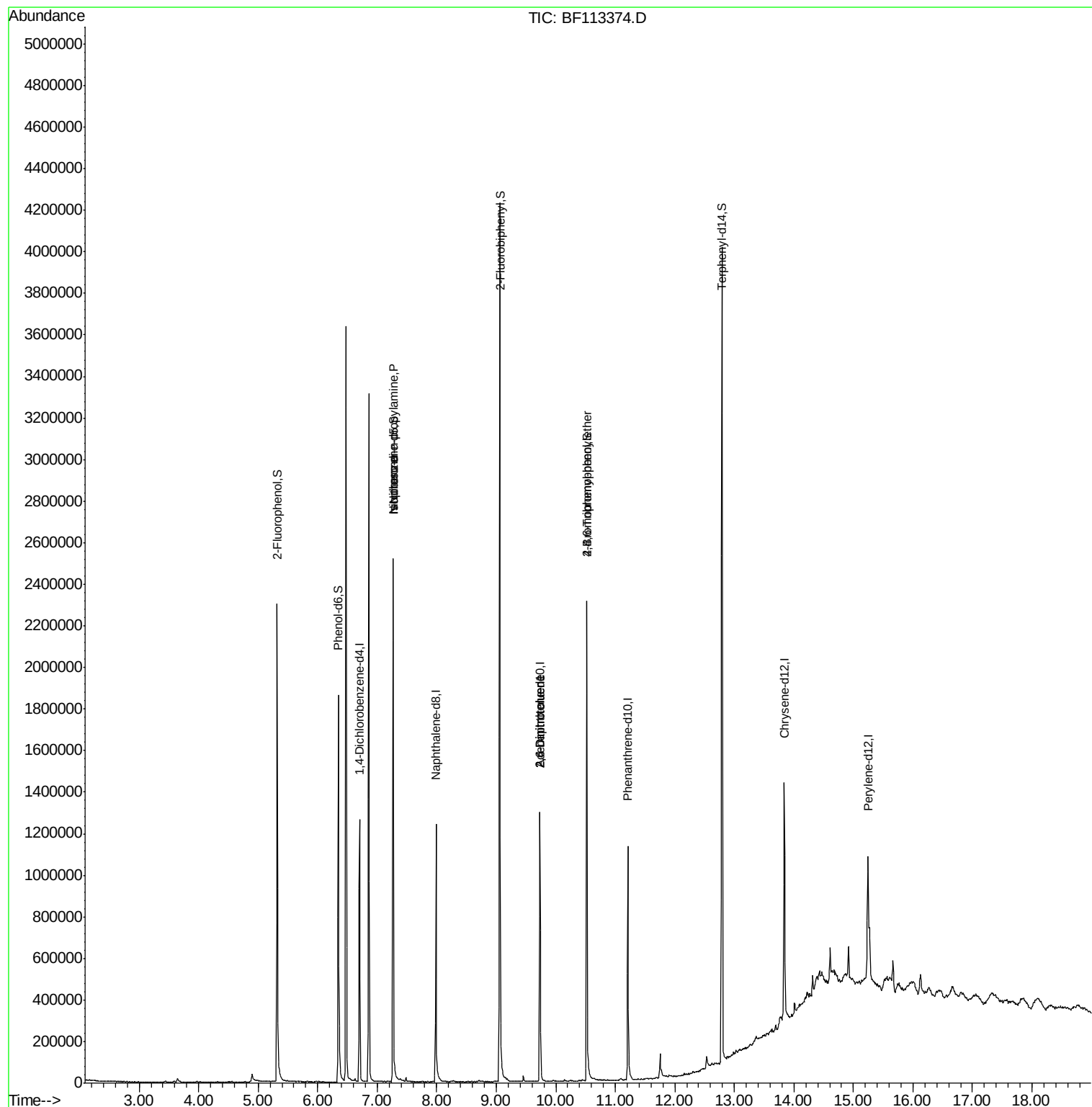
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	189642	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	650383	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	271951	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	494990	20.00	ng	0.00
76) Chrysene-d12	13.84	240	427180	20.00	ng	0.00
87) Perylene-d12	15.24	264	309666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	738842	63.70	ng	0.00
7) Phenol-d6	6.35	99	727206	49.56	ng	-0.01
23) Nitrobenzene-d5	7.27	82	921787	84.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	342108	101.84	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1542239	89.90	ng	0.00
79) Terphenyl-d14	12.79	244	1508543	77.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	117557	12.756	ng	# 75
25) Isophorone	7.27	82	904927	42.614	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	34460	7.579	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	34460	5.960	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	19890	3.687	ng	# 1

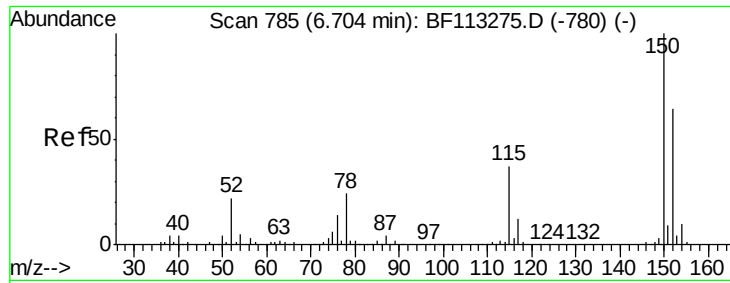
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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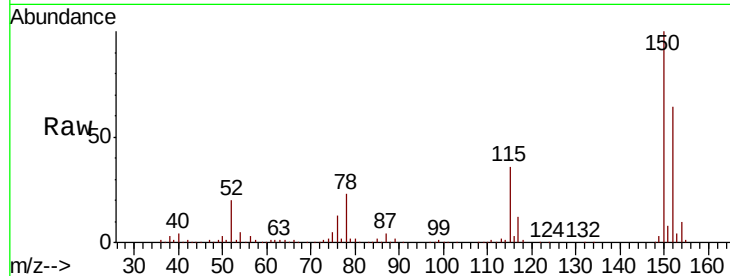


#1

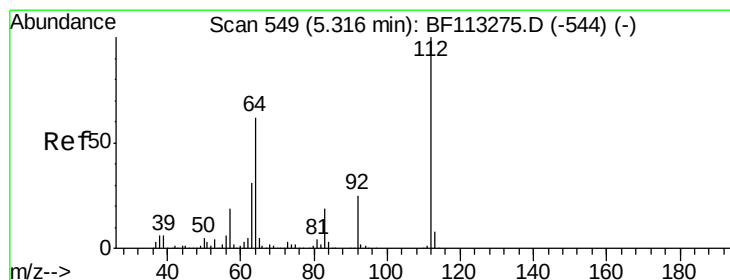
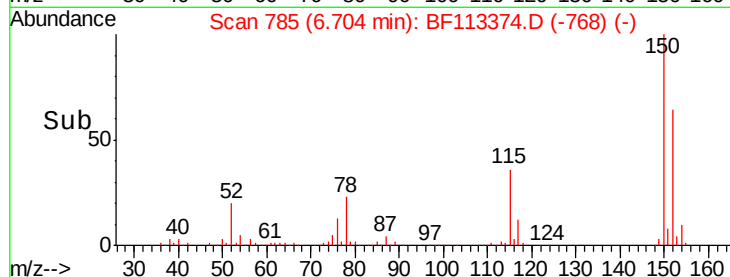
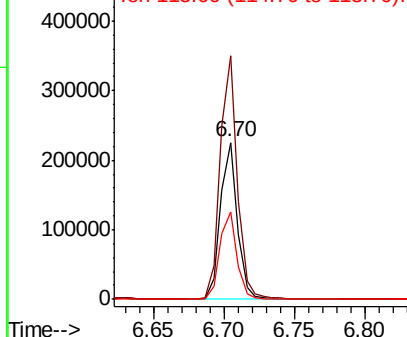
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	55.8	46.0	69.0



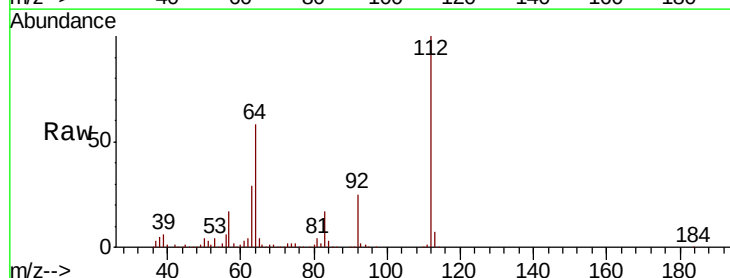
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



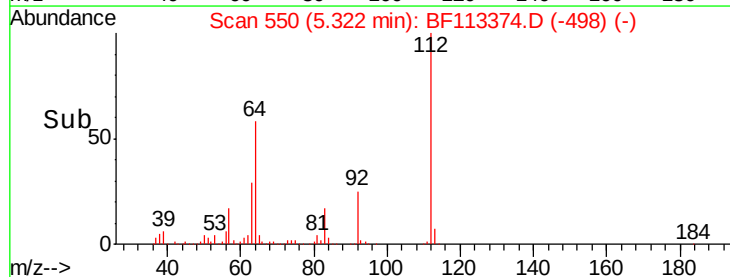
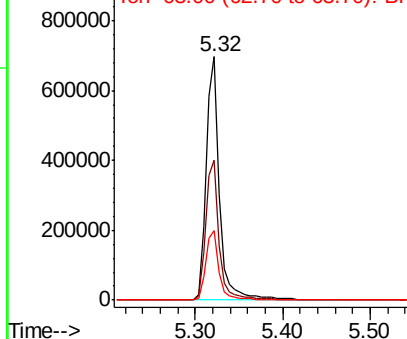
#5

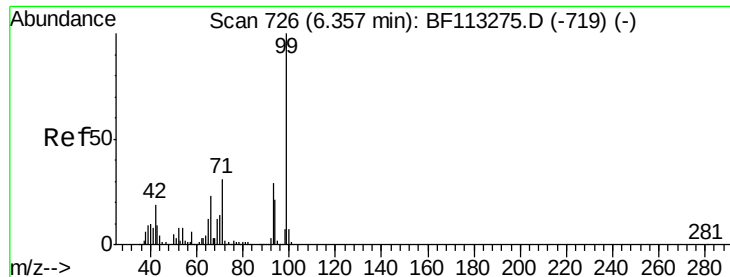
2-Fluorophenol
Concen: 63.704 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	28.7	24.9	37.3



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: 49.564 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113374.D

Acq: 28 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

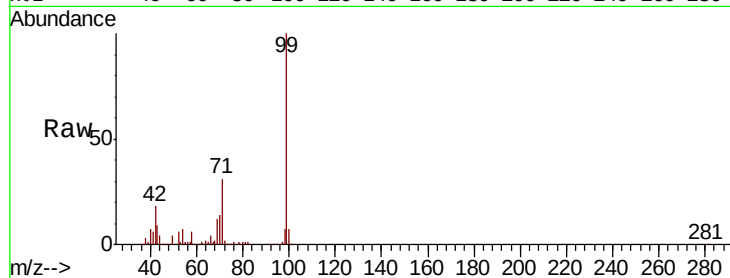
Tgt Ion: 99 Resp: 727206

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

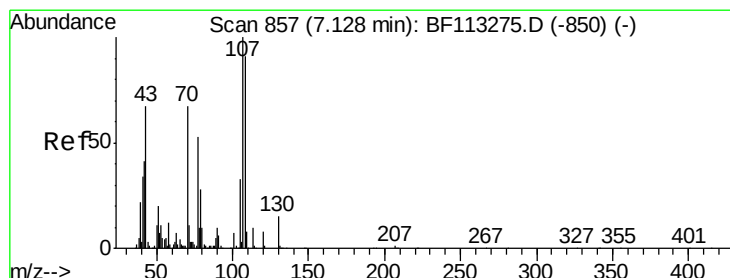
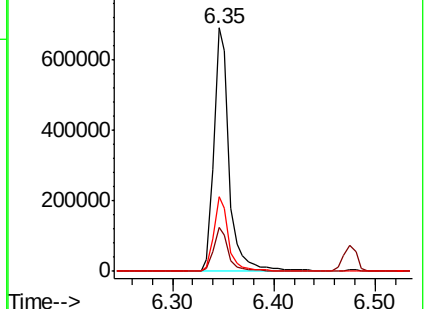
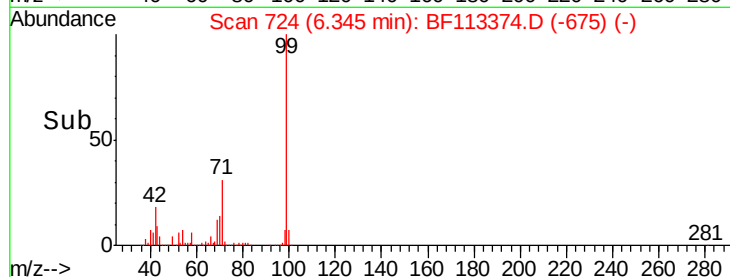
71 30.8 24.9 37.3



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: 12.756 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113374.D

Acq: 28 Mar 2019 15:11

Tgt Ion: 70 Resp: 117557

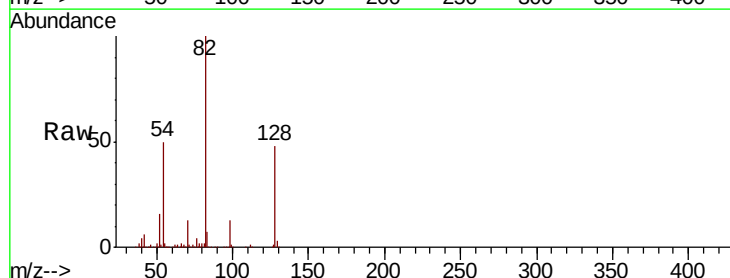
Ion Ratio Lower Upper

70 100

42 46.6 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

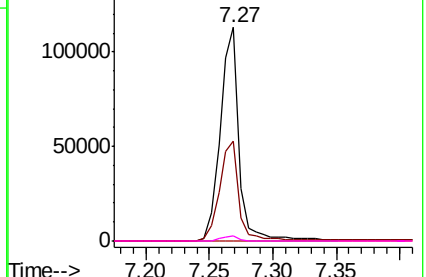
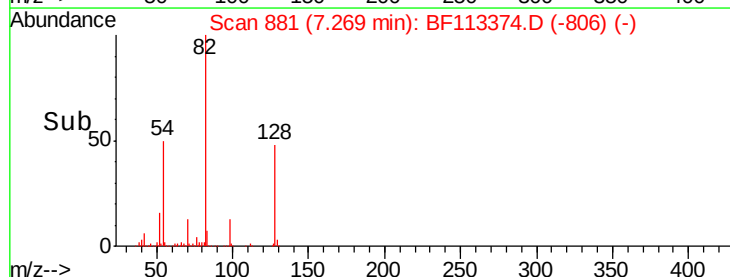


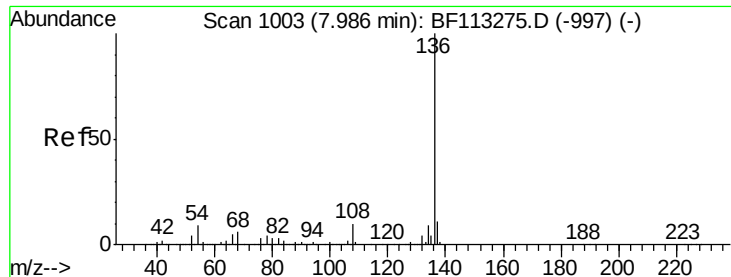
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

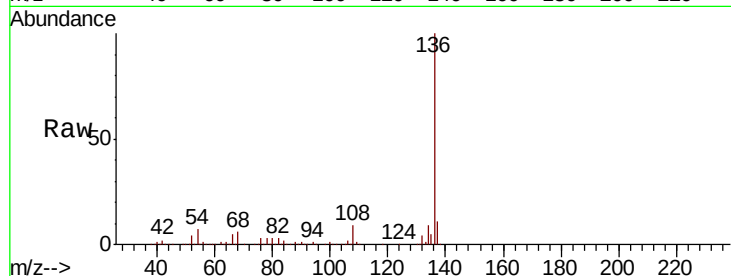




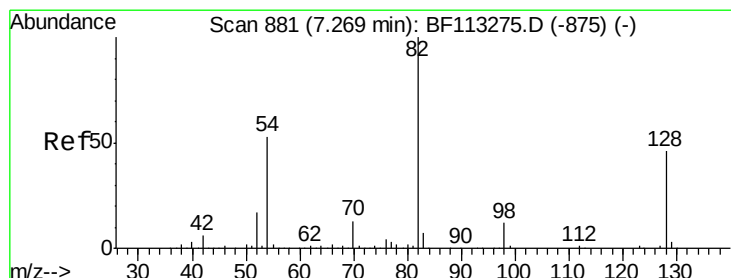
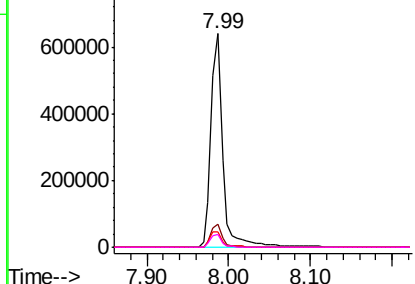
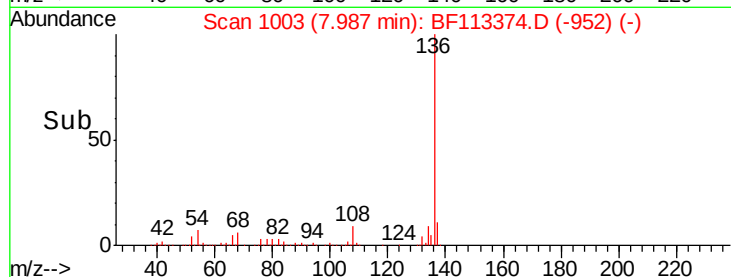
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	650383
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	7.0	10.6
68	5.8	4.8	7.2

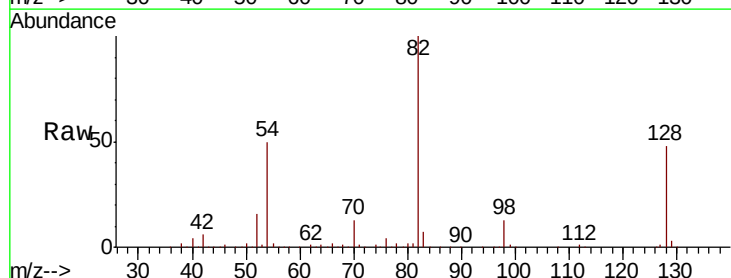


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

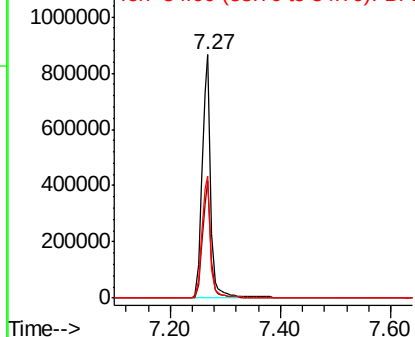
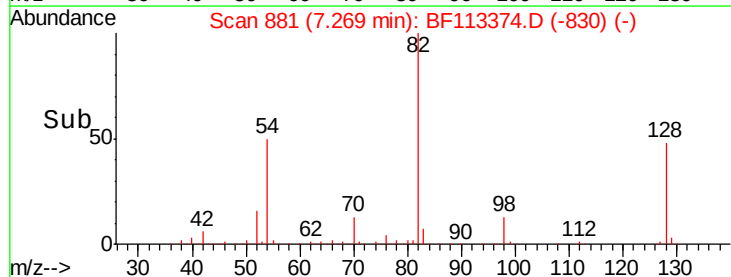


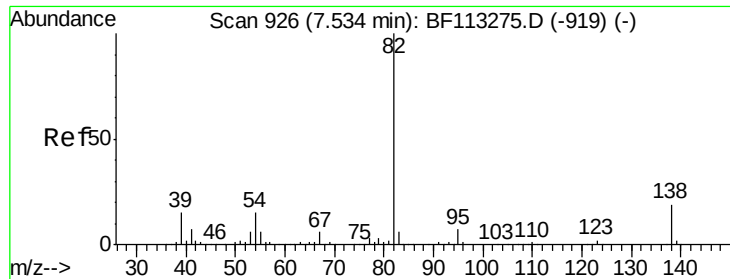
#23
Nitrobenzene-d5
Concen: 84.122 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion:	82	Resp:	921787
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.5	54.7
54	50.2	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

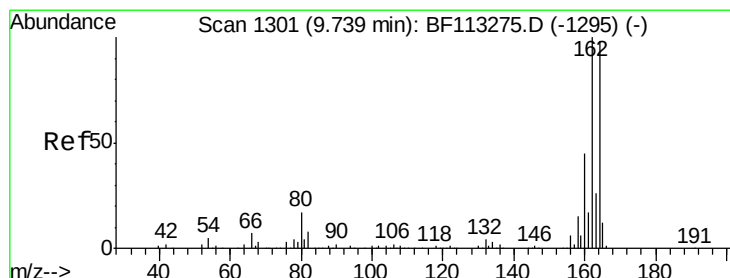
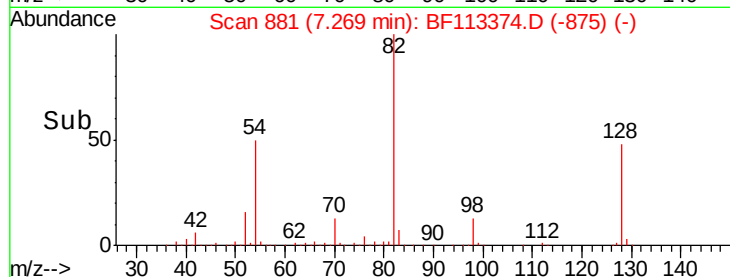
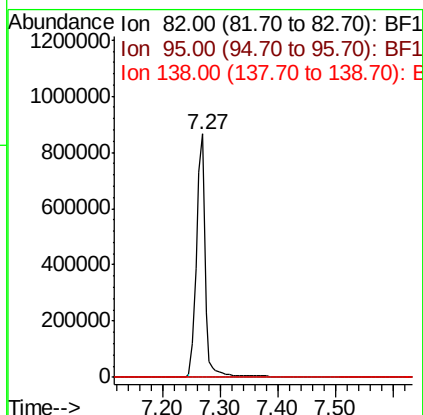
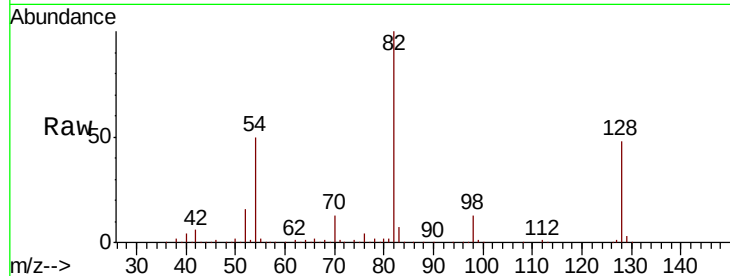




#25
Isophorone
Concen: 42.614 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

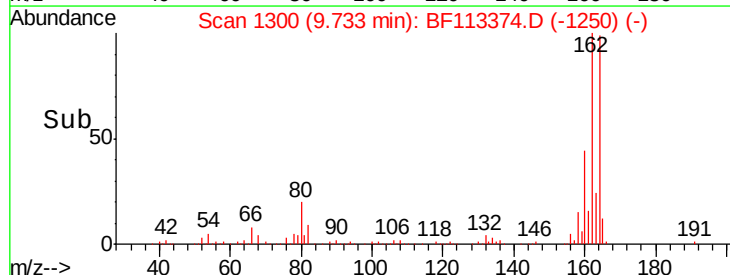
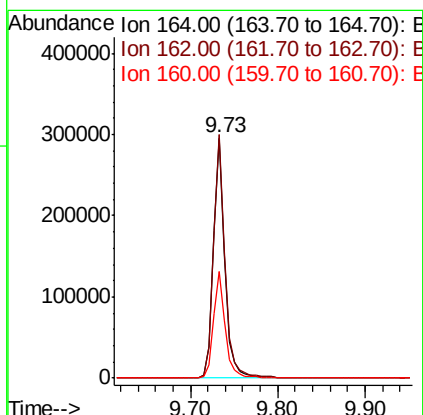
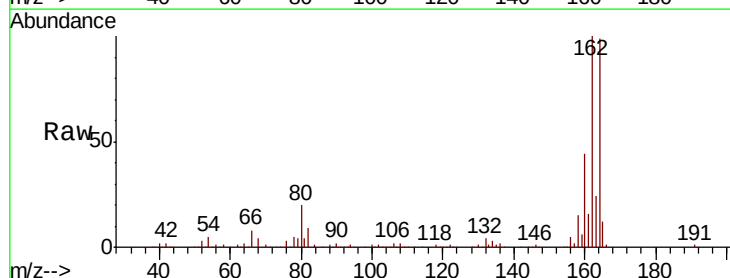
Instrument :
BNA_F
ClientSampleId :

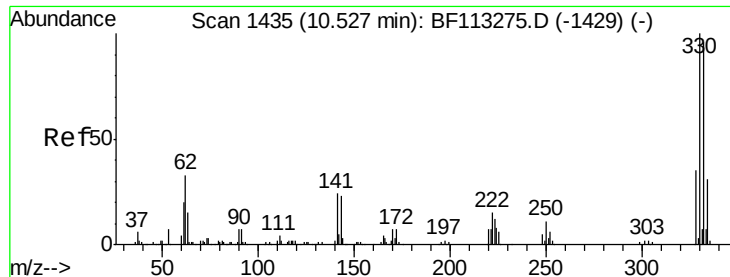
Tgt Ion: 82 Resp: 904927
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion: 164 Resp: 271951
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 44.5 36.4 54.6

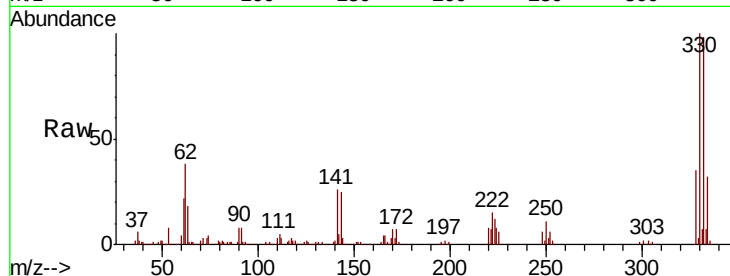




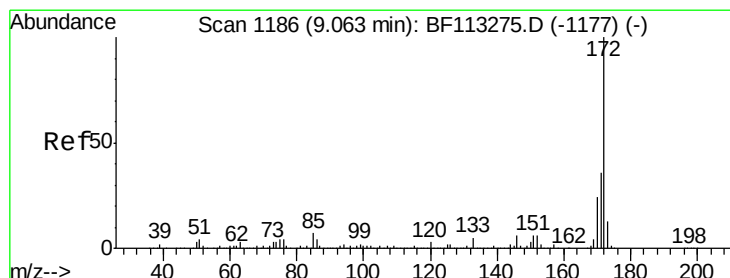
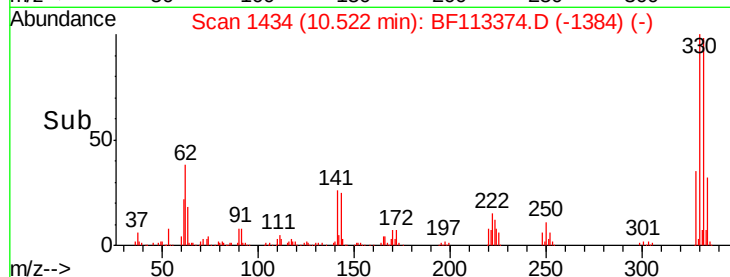
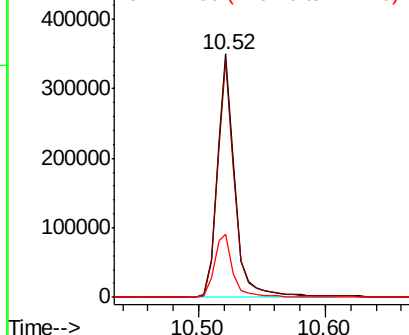
#42
 2,4,6-Tribromophenol
 Concen: 101.842 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	28.4	22.7	34.1

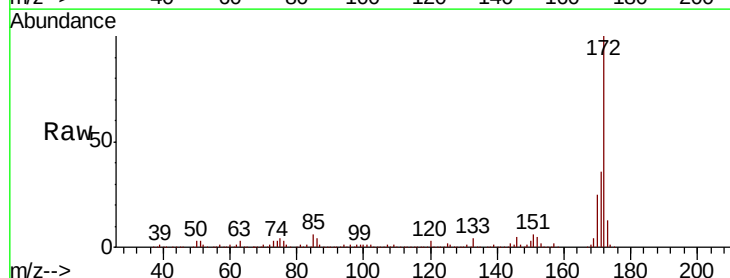


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

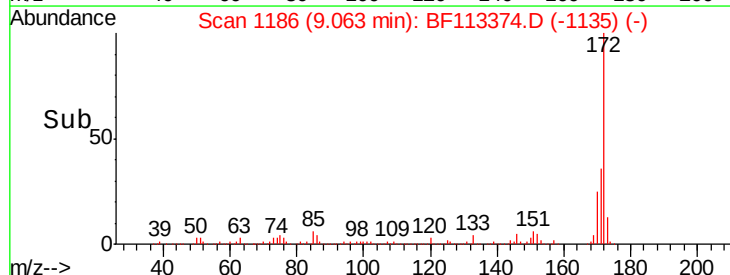
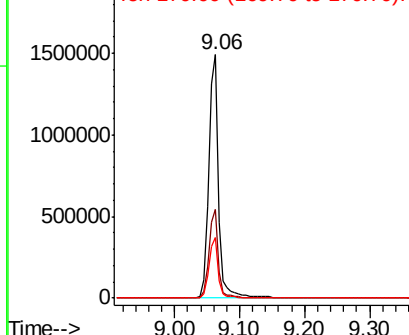


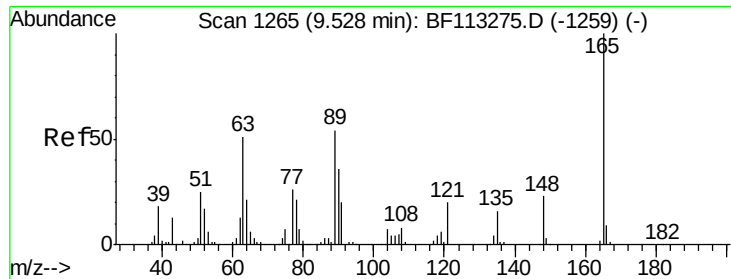
#45
 2-Fluorobiphenyl
 Concen: 89.902 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	19.5	29.3



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: 7.579 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113374.D

Acq: 28 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

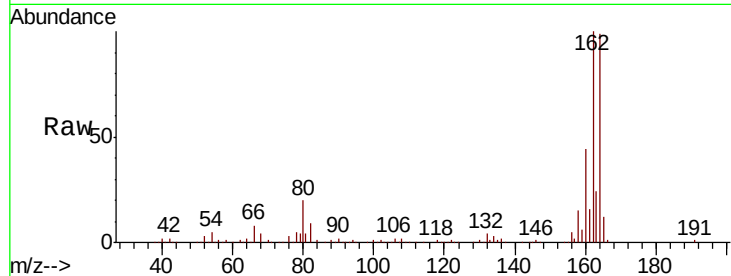
Tgt Ion:165 Resp: 34460

Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

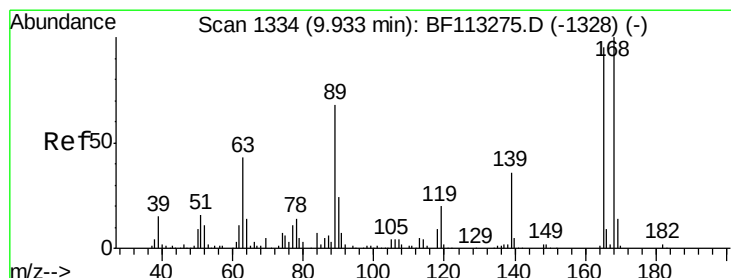
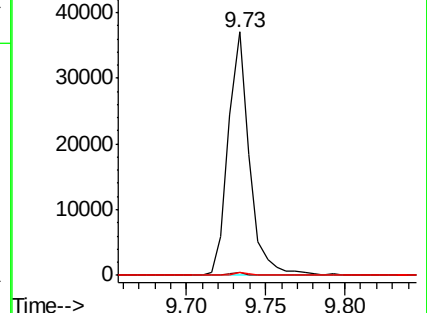
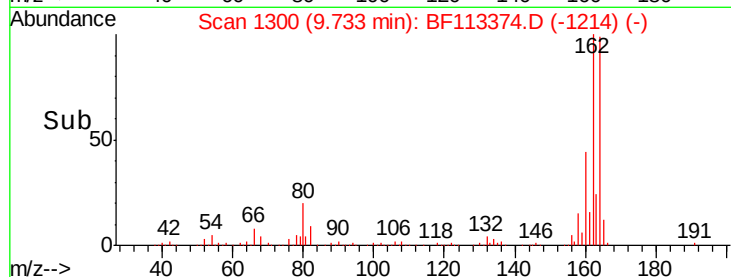
89 1.3 43.1 64.7#



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



#57

2,4-Dinitrotoluene

Concen: 5.960 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113374.D

Acq: 28 Mar 2019 15:11

Tgt Ion:165 Resp: 34460

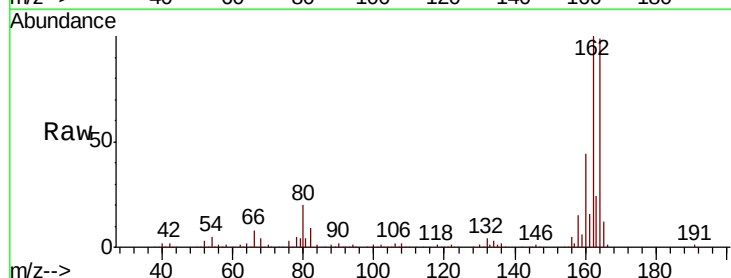
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

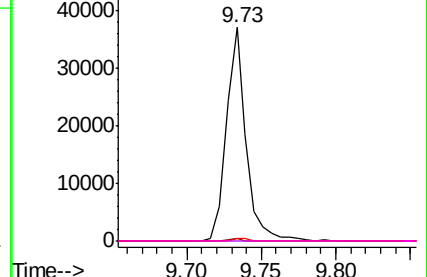
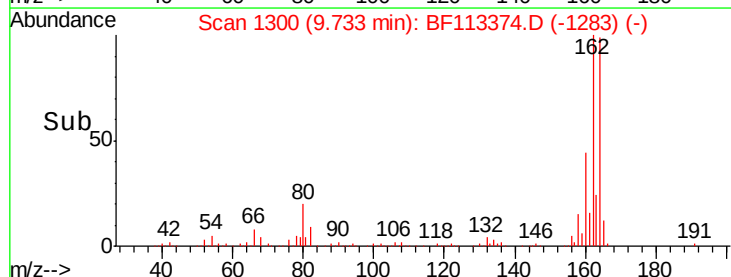


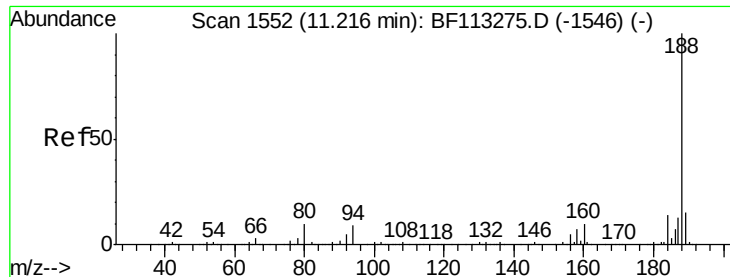
Abundance Ion 165.00 (164.70 to 165.70): E

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

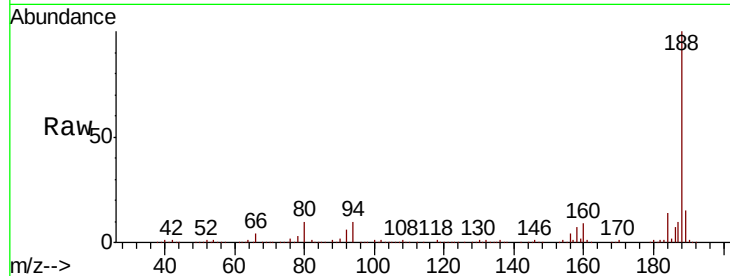




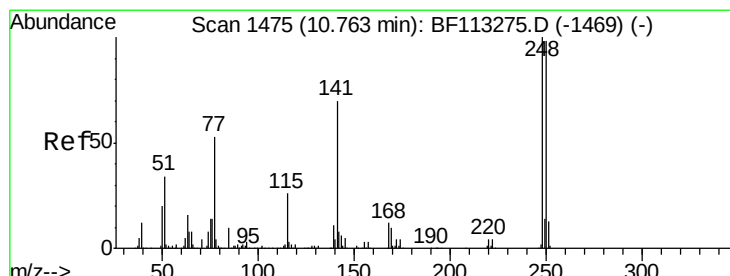
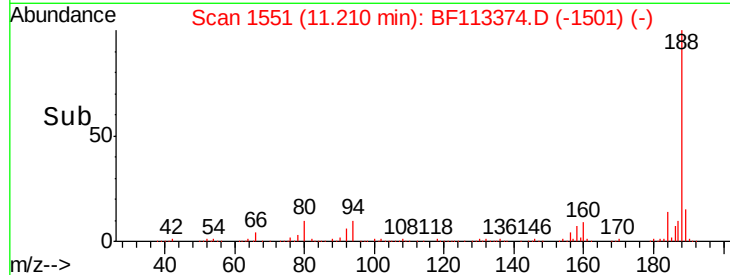
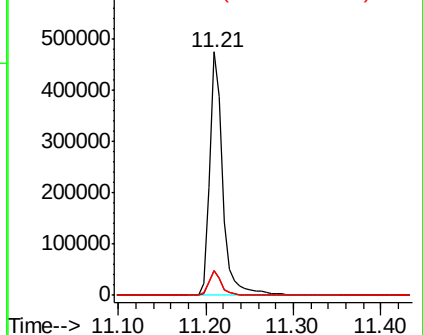
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:188 Resp: 494990
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.0 10.6
 80 10.4 7.7 11.5

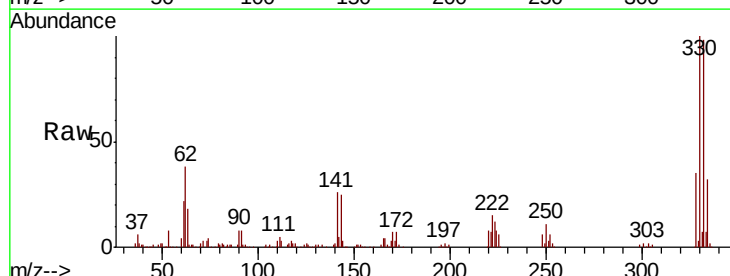


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

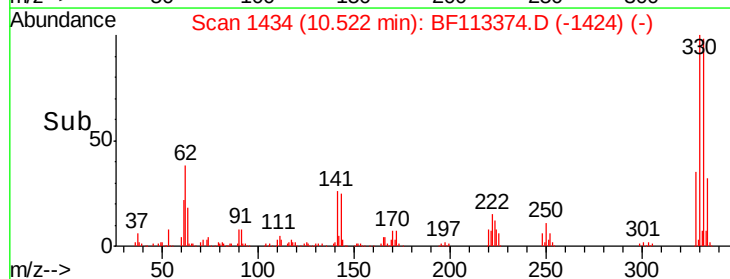
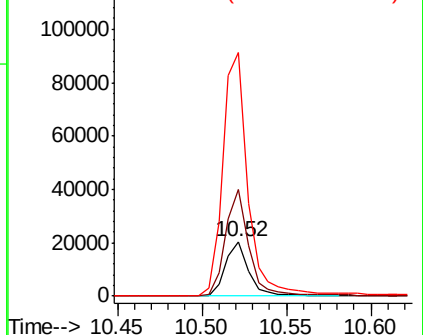


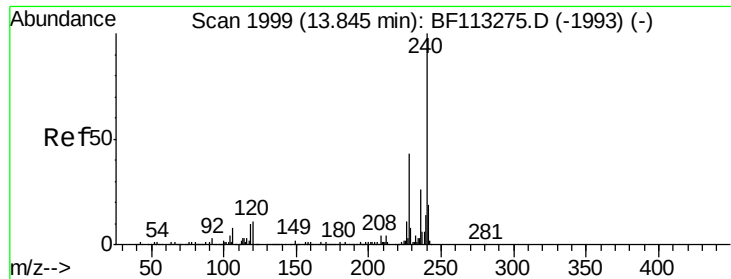
#67
 4-Bromophenyl-phenylether
 Concen: 3.687 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Tgt Ion:248 Resp: 19890
 Ion Ratio Lower Upper
 248 100
 250 195.8 78.3 117.5#
 141 445.5 56.2 84.4#



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

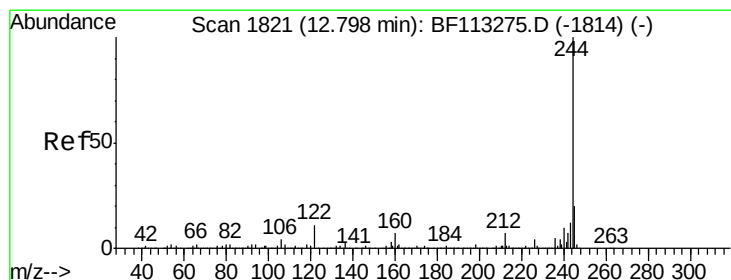
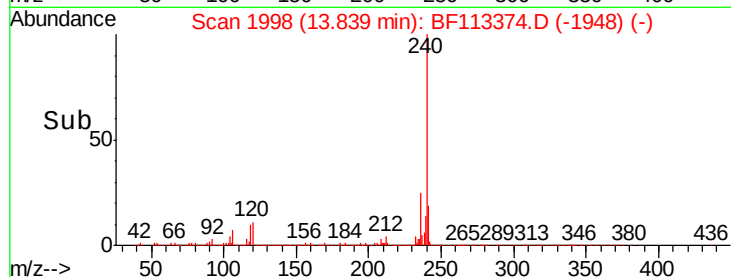
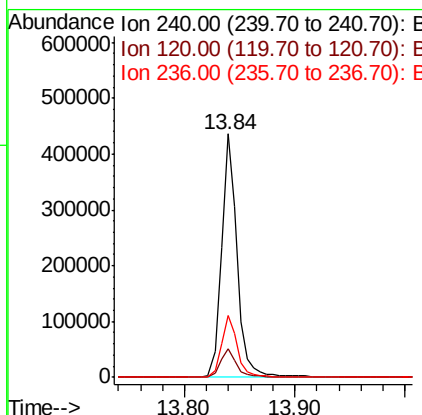
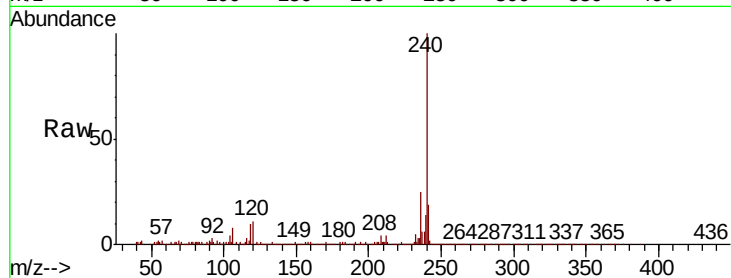




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

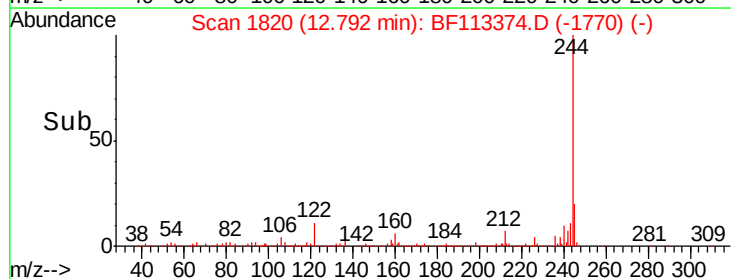
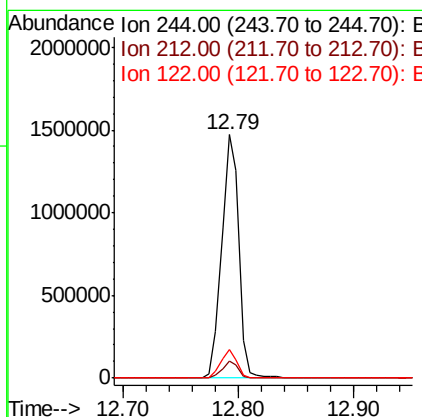
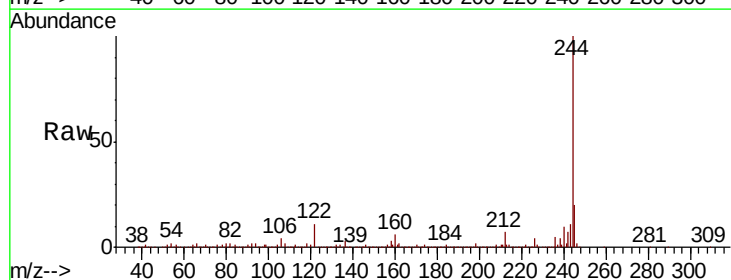
Instrument :
BNA_F
ClientSampleId :

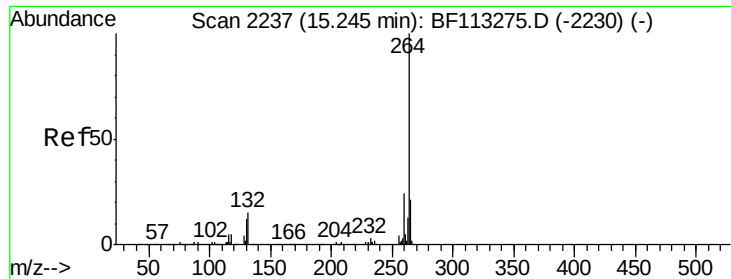
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	25.3	20.9	31.3



#79
Terphenyl-d14
Concen: 77.838 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	11.5	8.6	13.0

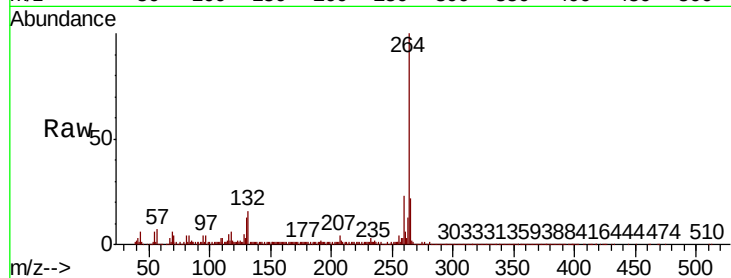




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	264	Resp:	309666
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.1	17.1	25.7



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

