

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116916.D
 Acq On : 10 Sep 2019 00:06
 Operator : HP/JU
 Sample : K4759-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4-8

Quant Time: Sep 10 03:04:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

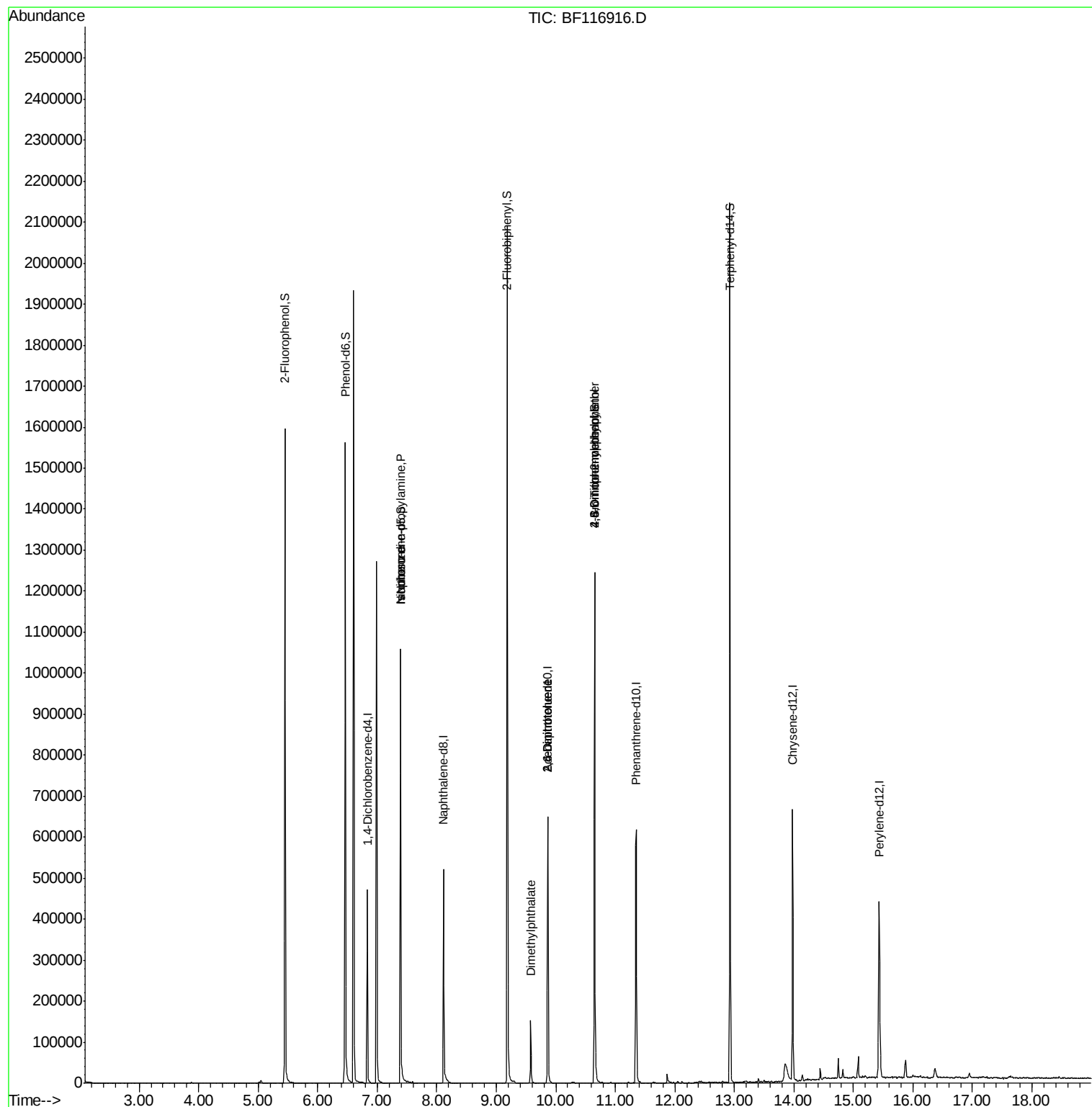
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68399	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	278847	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	145547	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	256457	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	215199	20.00	ng	-0.02
87) Perylene-d12	15.43	264	208400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	446832	105.83	ng	-0.01
7) Phenol-d6	6.46	99	617914	111.46	ng	-0.02
23) Nitrobenzene-d5	7.39	82	376724	77.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	136477	140.26	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	647440	75.04	ng	-0.02
79) Terphenyl-d14	12.93	244	726051	62.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	50411	13.810	ng	# 70
25) Isophorone	7.39	82	376747	38.064	ng	# 66
50) Dimethylphthalate	9.58	163	74505	7.415	ng	97
51) 2,6-Dinitrotoluene	9.86	165	18585	9.694	ng	# 19
57) 2,4-Dinitrotoluene	9.86	165	18585	7.928	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.65	198	286	7.707	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	8784	3.372	ng	# 1

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

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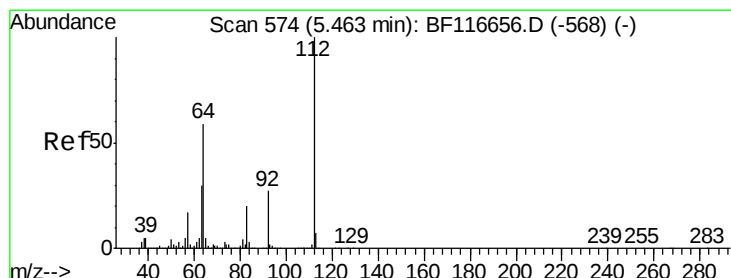
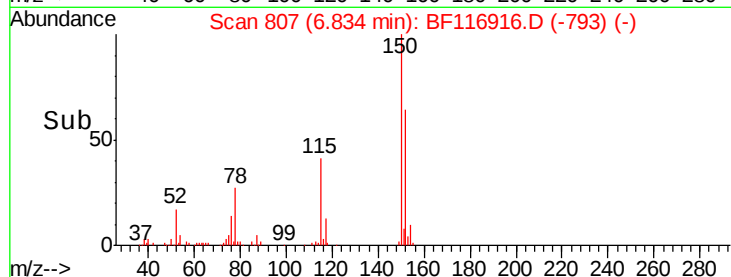
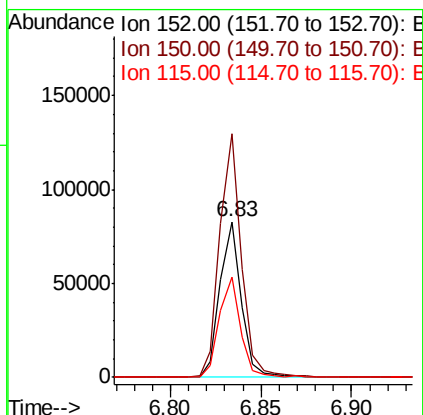
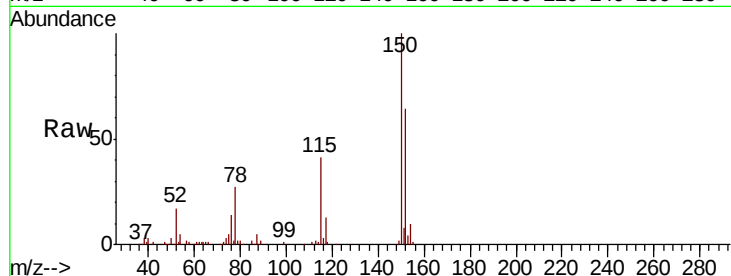


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

Instrument :
BNA_F
ClientSampleId :
C-4-8

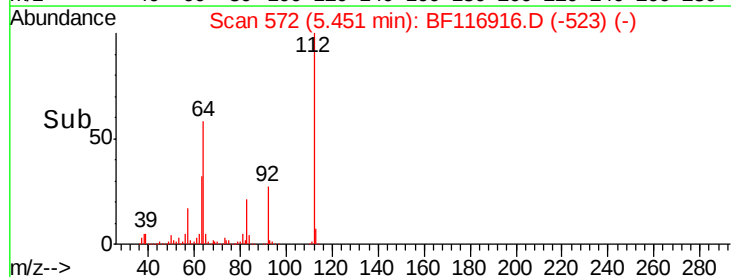
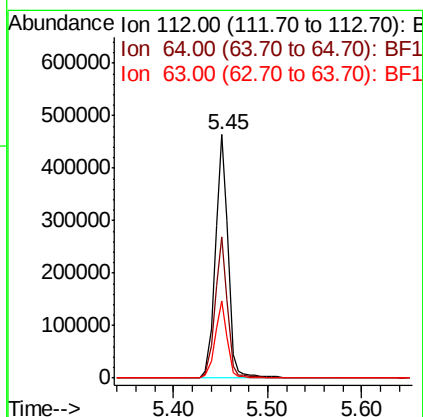
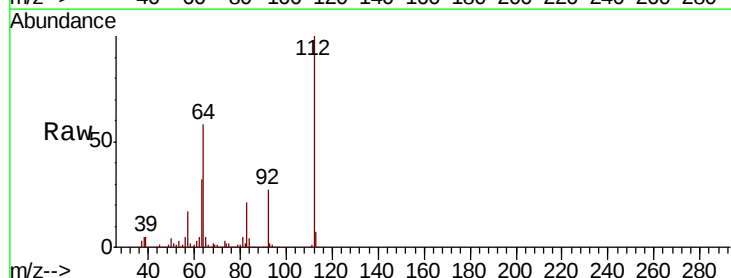
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.4	186.6
115	64.1	49.9	74.9



#5

2-Fluorophenol
Concen: 105.834 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.1	70.7
63	32.0	24.9	37.3





#7

Phenol-d6

Concen: 111.457 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

Instrument :

BNA_F

ClientSampleId :

C-4-8

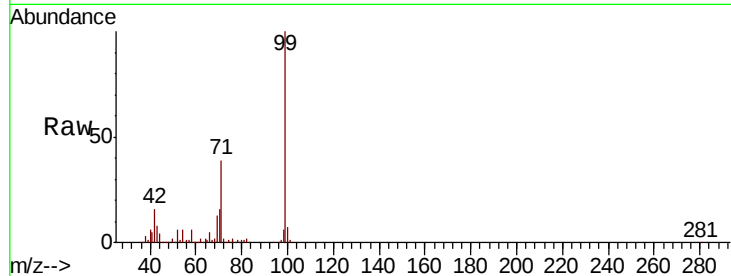
Tgt Ion: 99 Resp: 617914

Ion Ratio Lower Upper

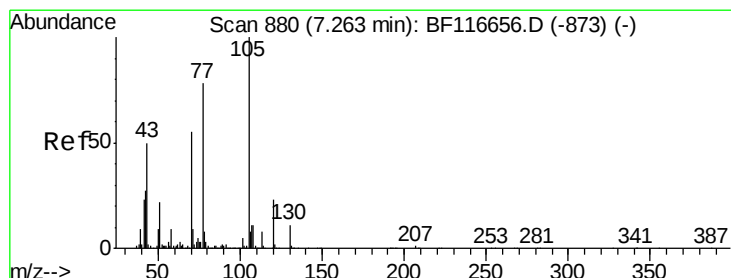
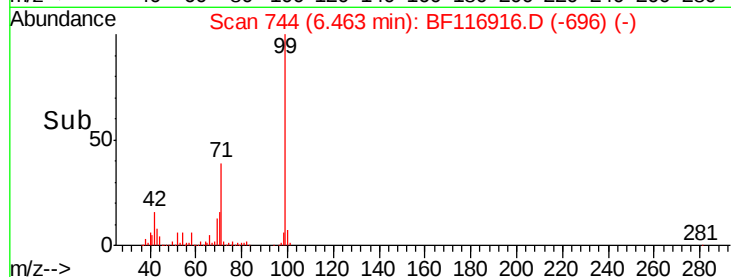
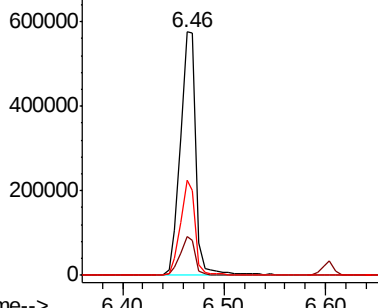
99 100

42 15.8 13.7 20.5

71 39.0 30.8 46.2



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: 13.810 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

Tgt Ion: 70 Resp: 50411

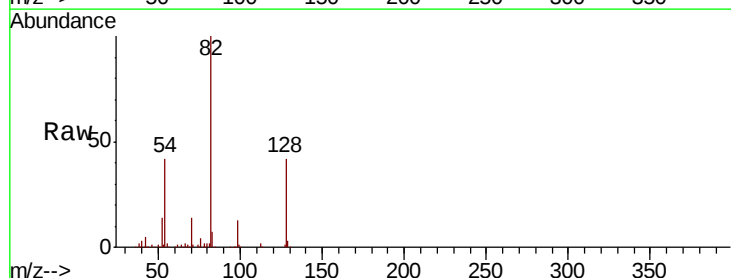
Ion Ratio Lower Upper

70 100

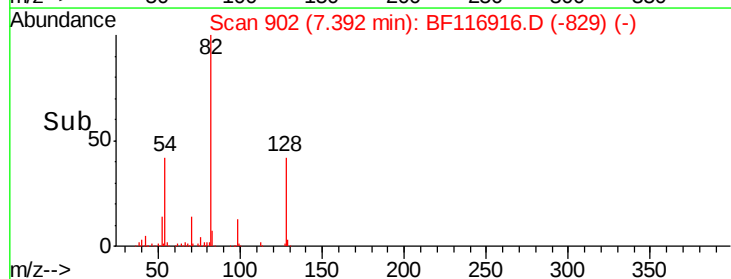
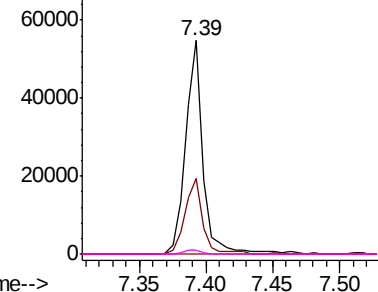
42 35.5 43.5 65.3#

101 0.0 7.8 11.6#

130 2.0 16.6 24.8#



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

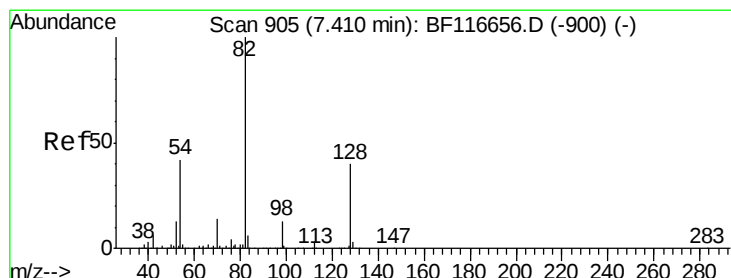
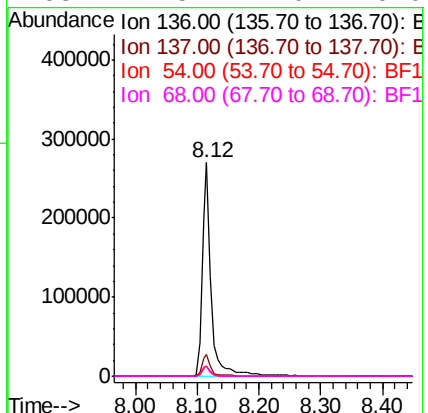
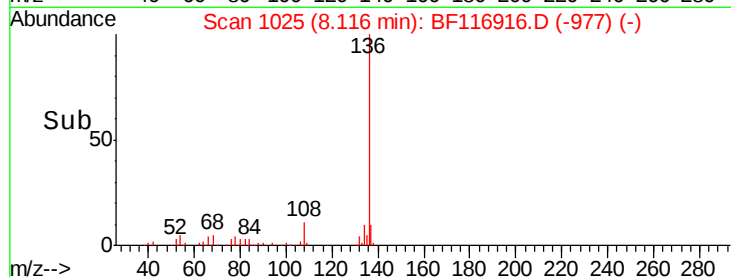
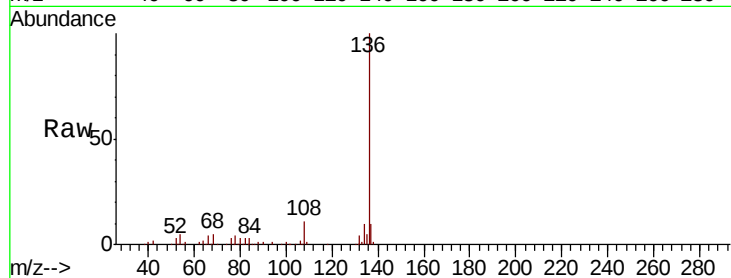




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

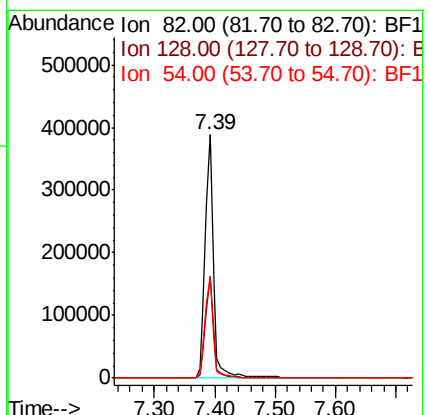
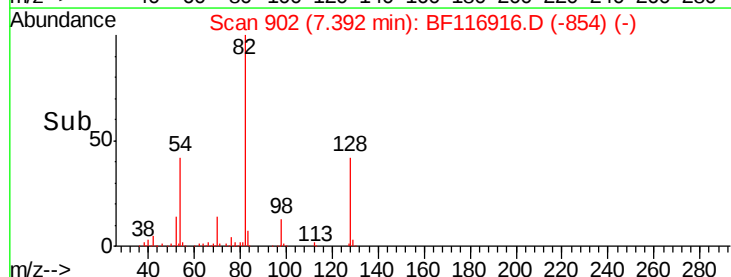
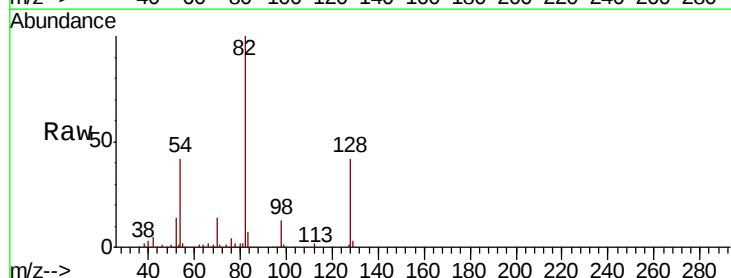
Instrument :
BNA_F
ClientSampleId :
C-4-8

Tgt Ion:	136	Resp:	278847
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.1	4.8	7.2
68	4.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 77.125 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

Tgt Ion:	82	Resp:	376724
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	41.8	36.9	55.3





#25

Isophorone

Concen: 38.064 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

Instrument :

BNA_F

ClientSampleId :

C-4-8

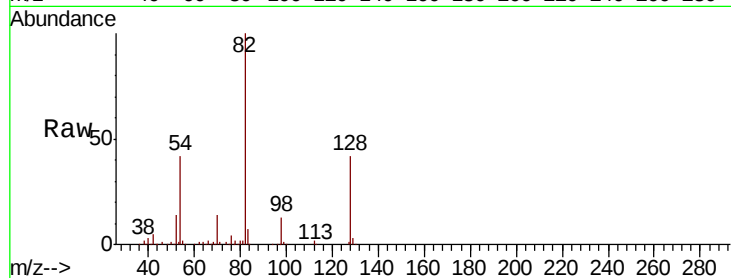
Tgt Ion: 82 Resp: 376747

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

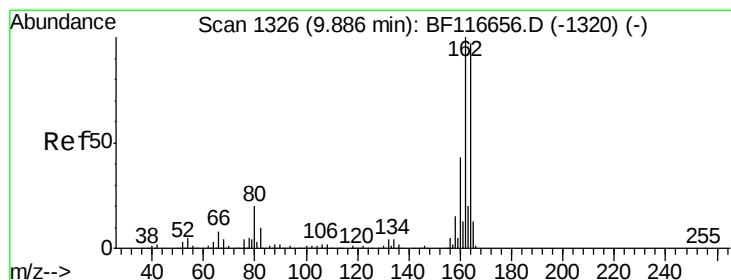
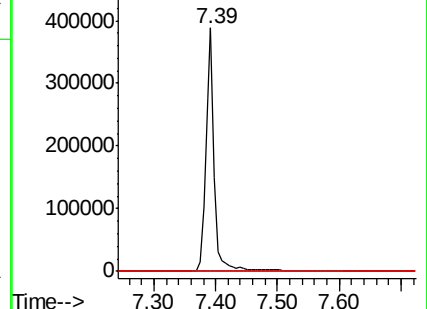
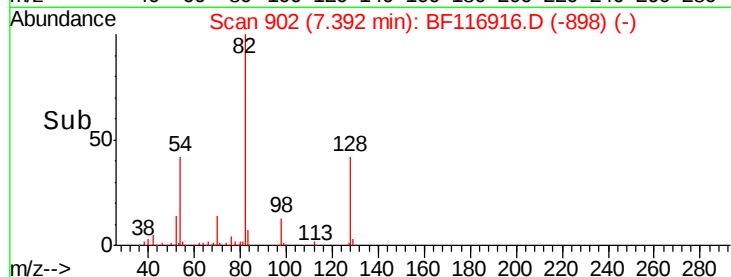
138 0.0 13.5 20.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

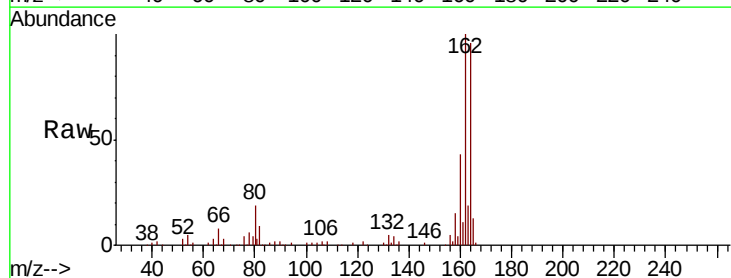
Tgt Ion: 164 Resp: 145547

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

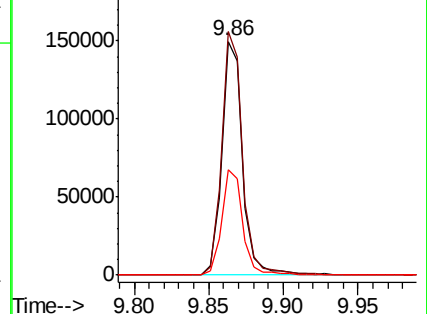
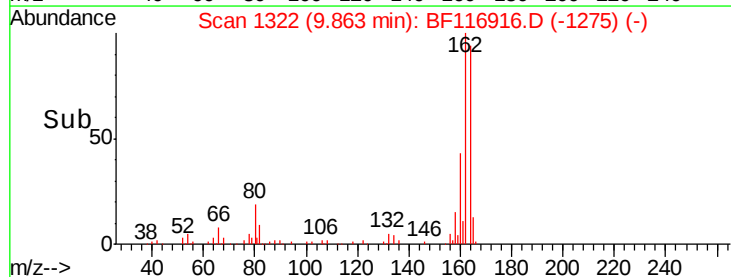
160 45.0 35.4 53.2

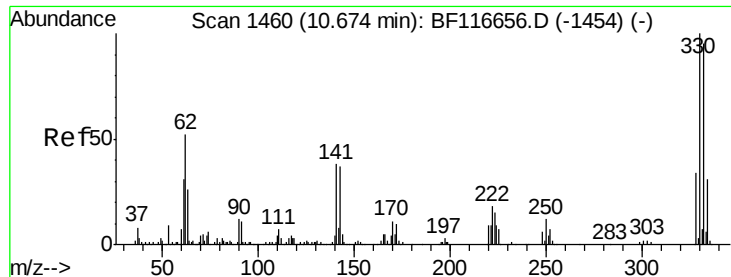


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

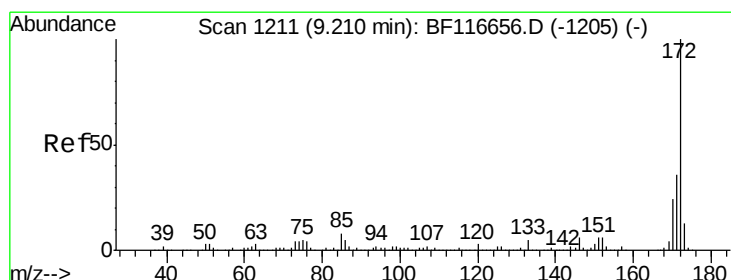
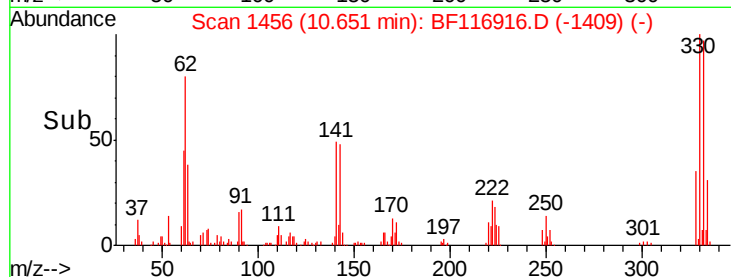
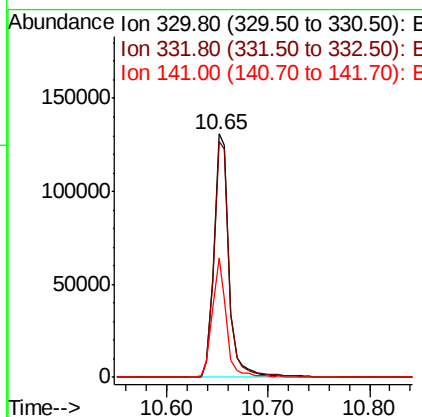
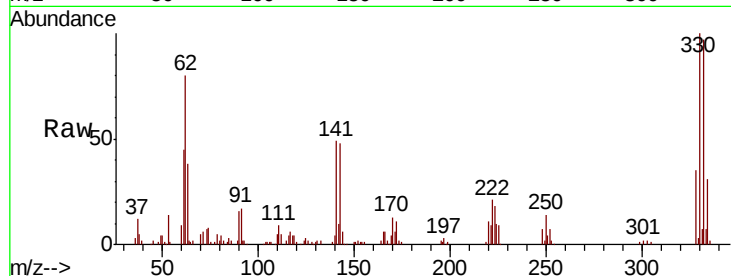




#42
 2,4,6-Tribromophenol
 Concen: 140.262 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

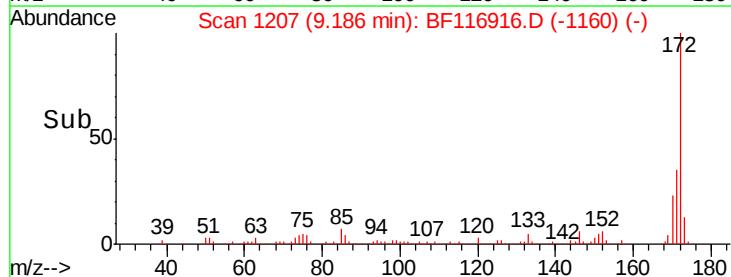
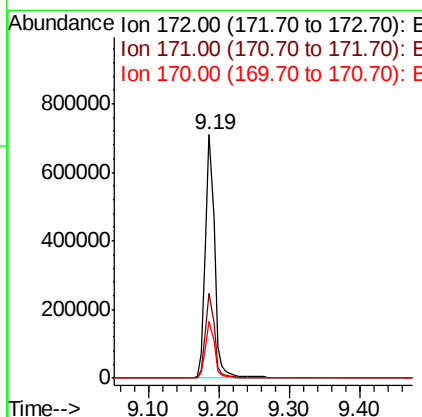
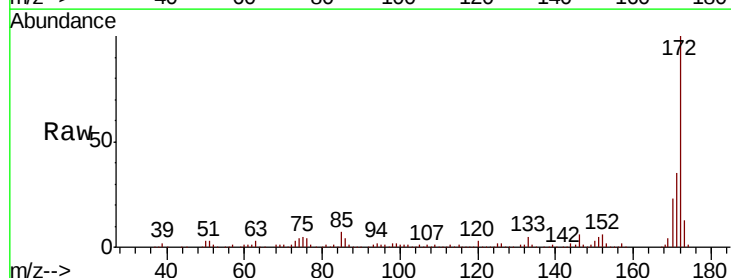
Instrument :
 BNA_F
 ClientSampleId :
 C-4-8

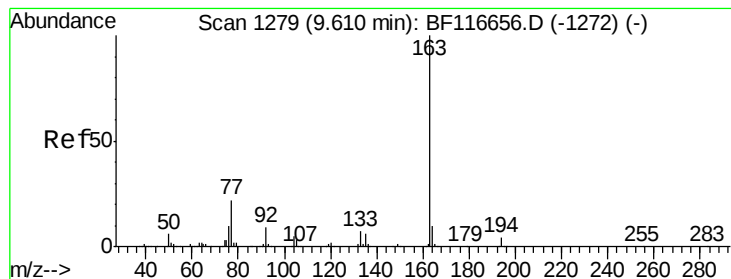
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	45.4	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 75.039 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.4	18.9	28.3





#50

Dimethylphthalate

Concen: 7.415 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

Instrument :

BNA_F

ClientSampleId :

C-4-8

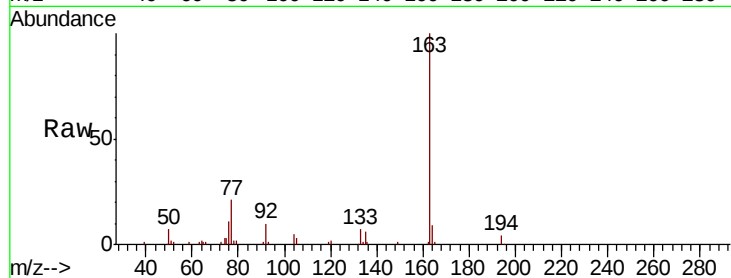
Tgt Ion:163 Resp: 74505

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2

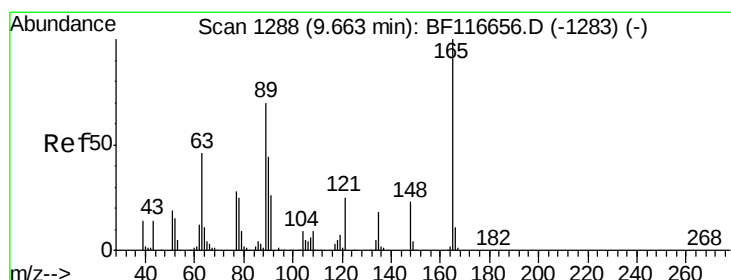
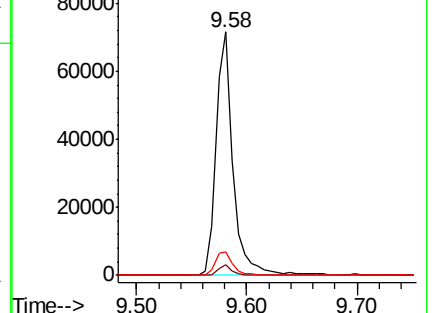
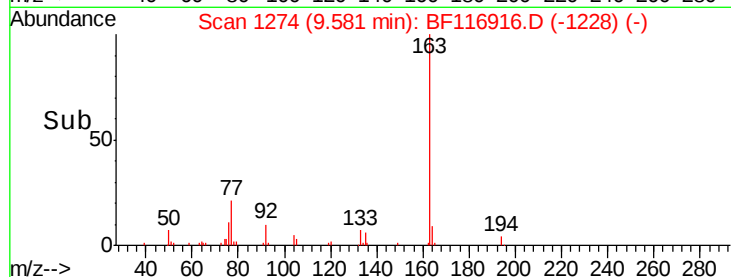
164 9.4 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 9.694 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.20 min

Lab File: BF116916.D

Acq: 10 Sep 2019 00:06

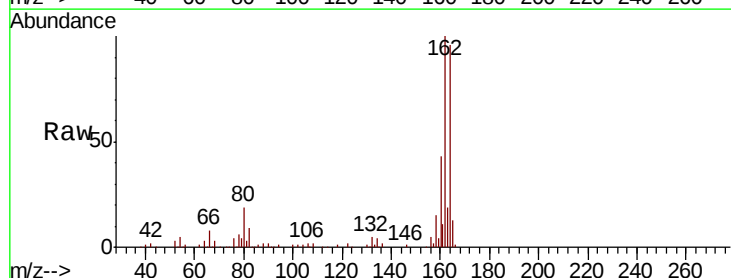
Tgt Ion:165 Resp: 18585

Ion Ratio Lower Upper

165 100

63 0.0 47.3 70.9#

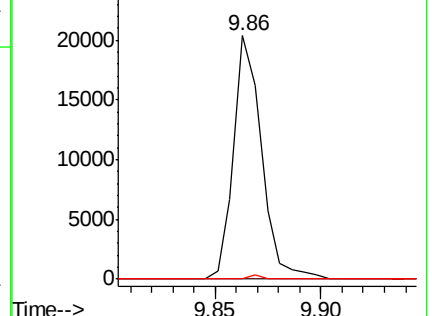
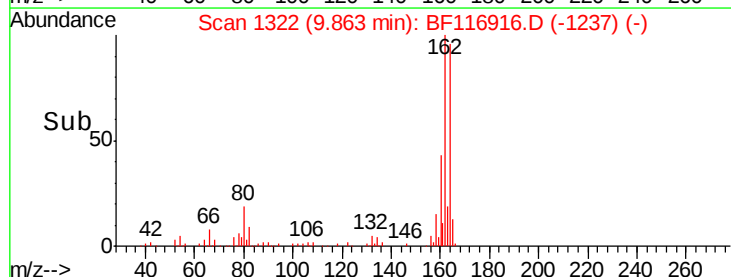
89 0.0 52.5 78.7#



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

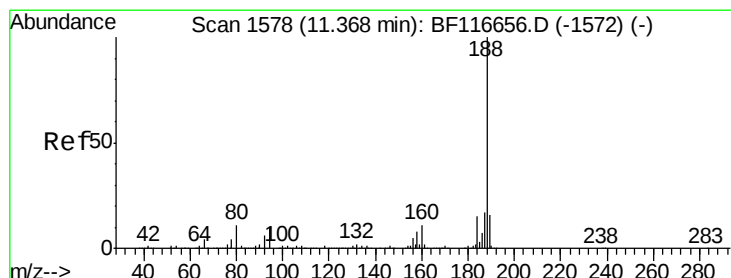
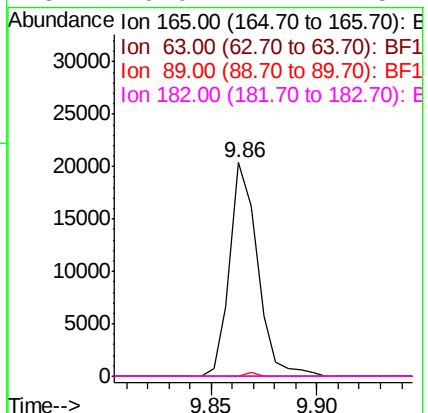
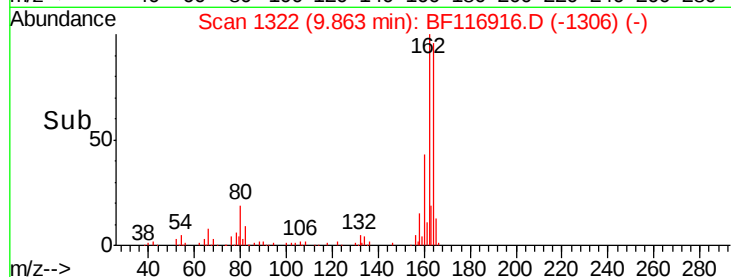
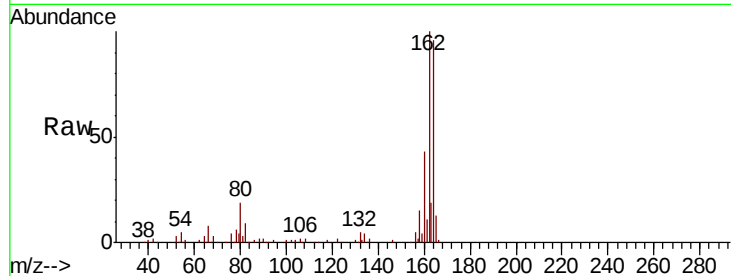




#57
 2,4-Dinitrotoluene
 Concen: 7.928 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

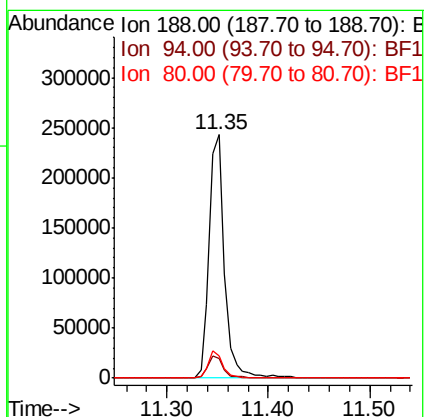
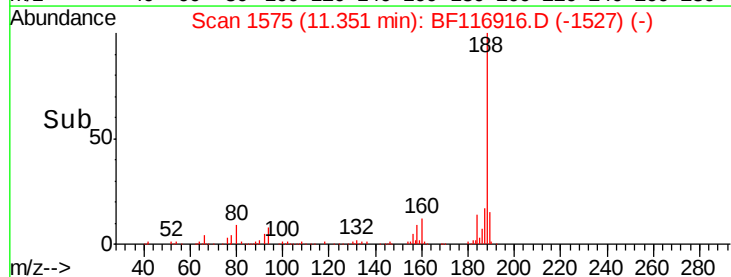
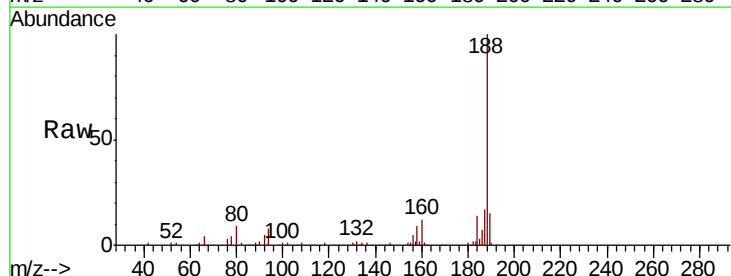
Instrument :
 BNA_F
 ClientSampleId :
 C-4-8

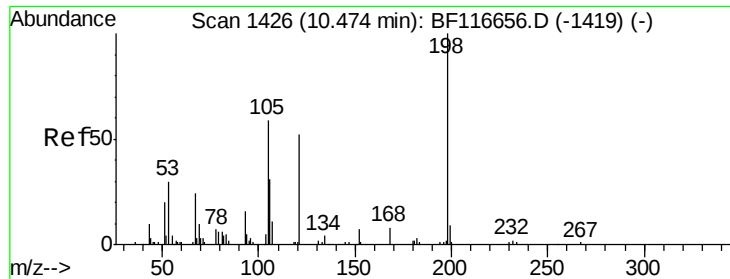
Tgt Ion:	165	Resp:	18585
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

Tgt Ion:	188	Resp:	256457
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.3	10.9
80	9.2	8.4	12.6

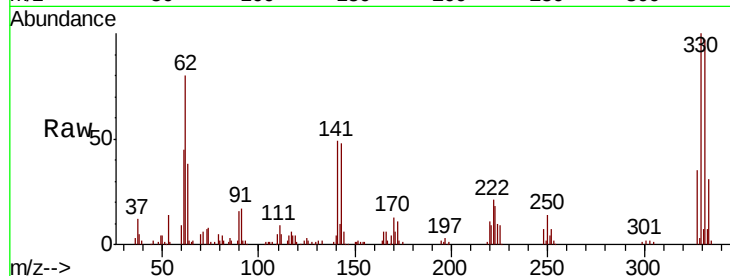




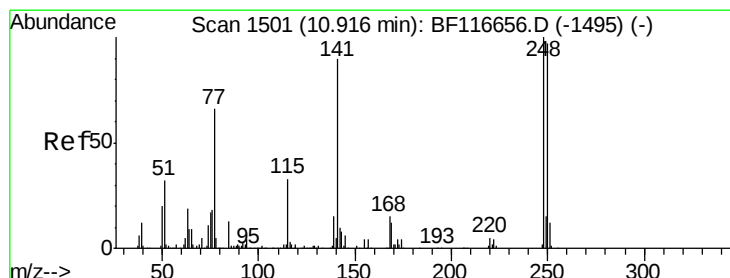
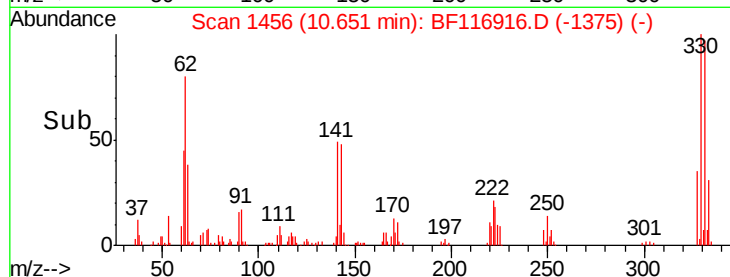
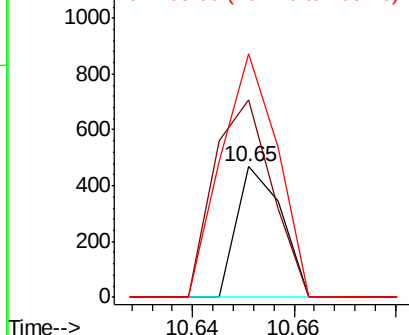
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.707 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.18 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 C-4-8

Tgt Ion:198 Resp: 286
 Ion Ratio Lower Upper
 198 100
 51 151.3 18.4 58.4#
 105 186.3 22.9 62.9#

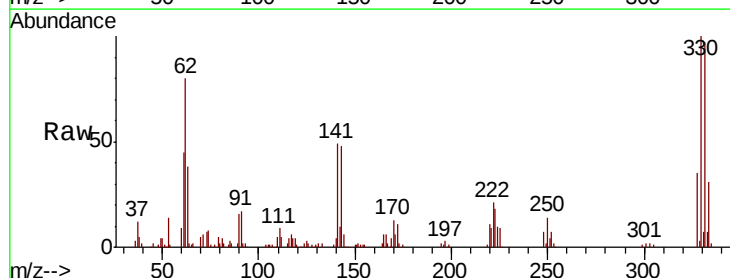


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

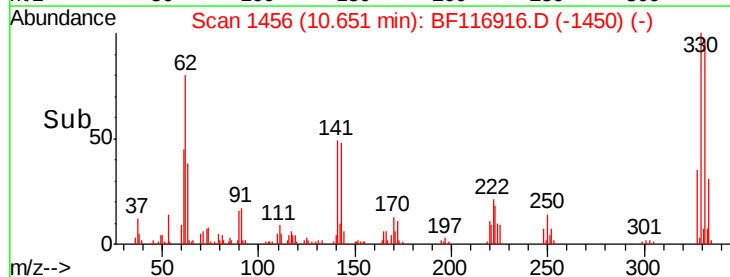
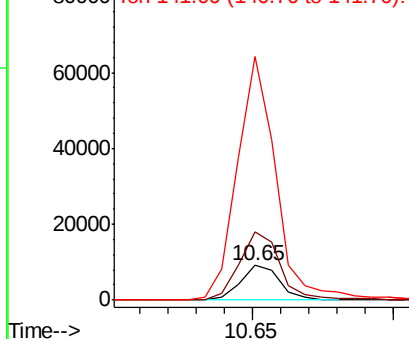


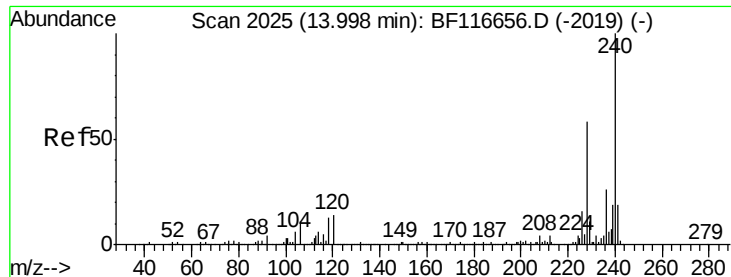
#67
 4-Bromophenyl-phenylether
 Concen: 3.372 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.26 min
 Lab File: BF116916.D
 Acq: 10 Sep 2019 00:06

Tgt Ion:248 Resp: 8784
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.8 116.8#
 141 705.7 75.9 113.9#



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

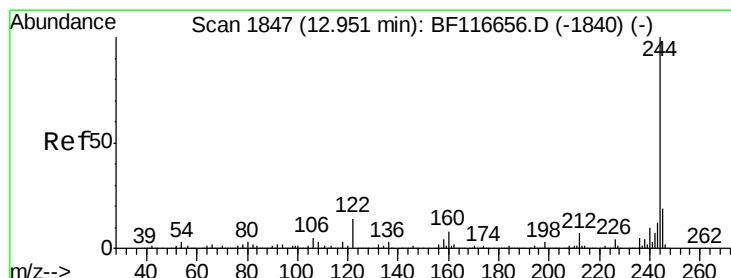
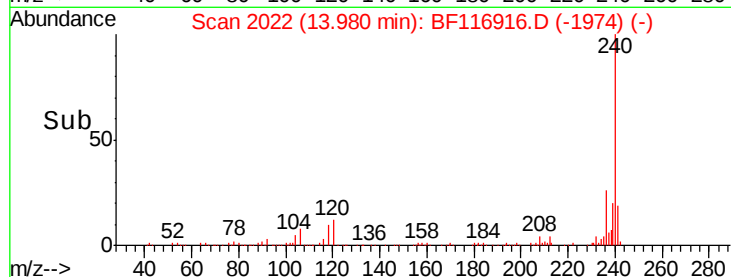
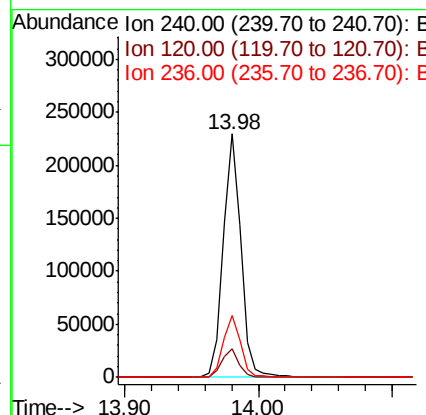
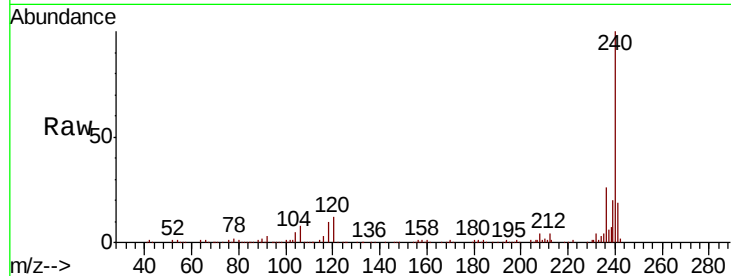




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

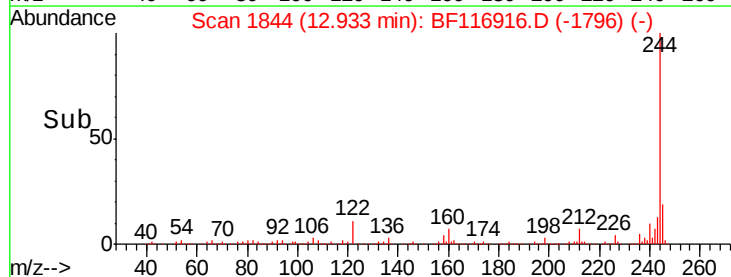
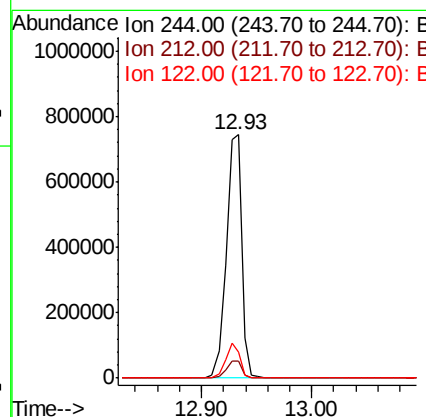
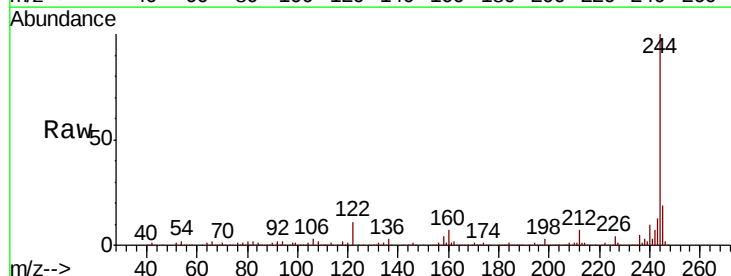
Instrument :
BNA_F
ClientSampleId :
C-4-8

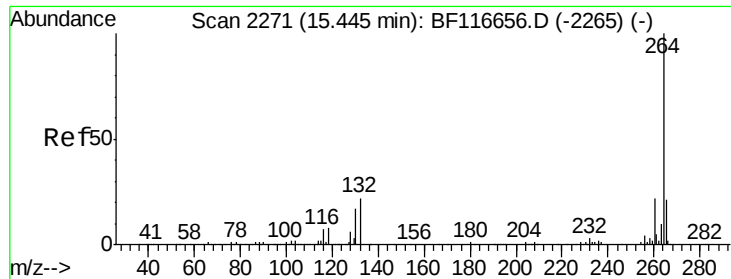
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	25.6	21.1	31.7



#79
Terphenyl-d14
Concen: 62.414 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.7	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116916.D
Acq: 10 Sep 2019 00:06

Instrument :
BNA_F
ClientSampleId :
C-4-8

Tgt Ion:	264	Resp:	208400
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.9	16.5	24.7

