

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116945.D
 Acq On : 11 Sep 2019 2:59
 Operator : HP/JU
 Sample : K4759-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:05:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

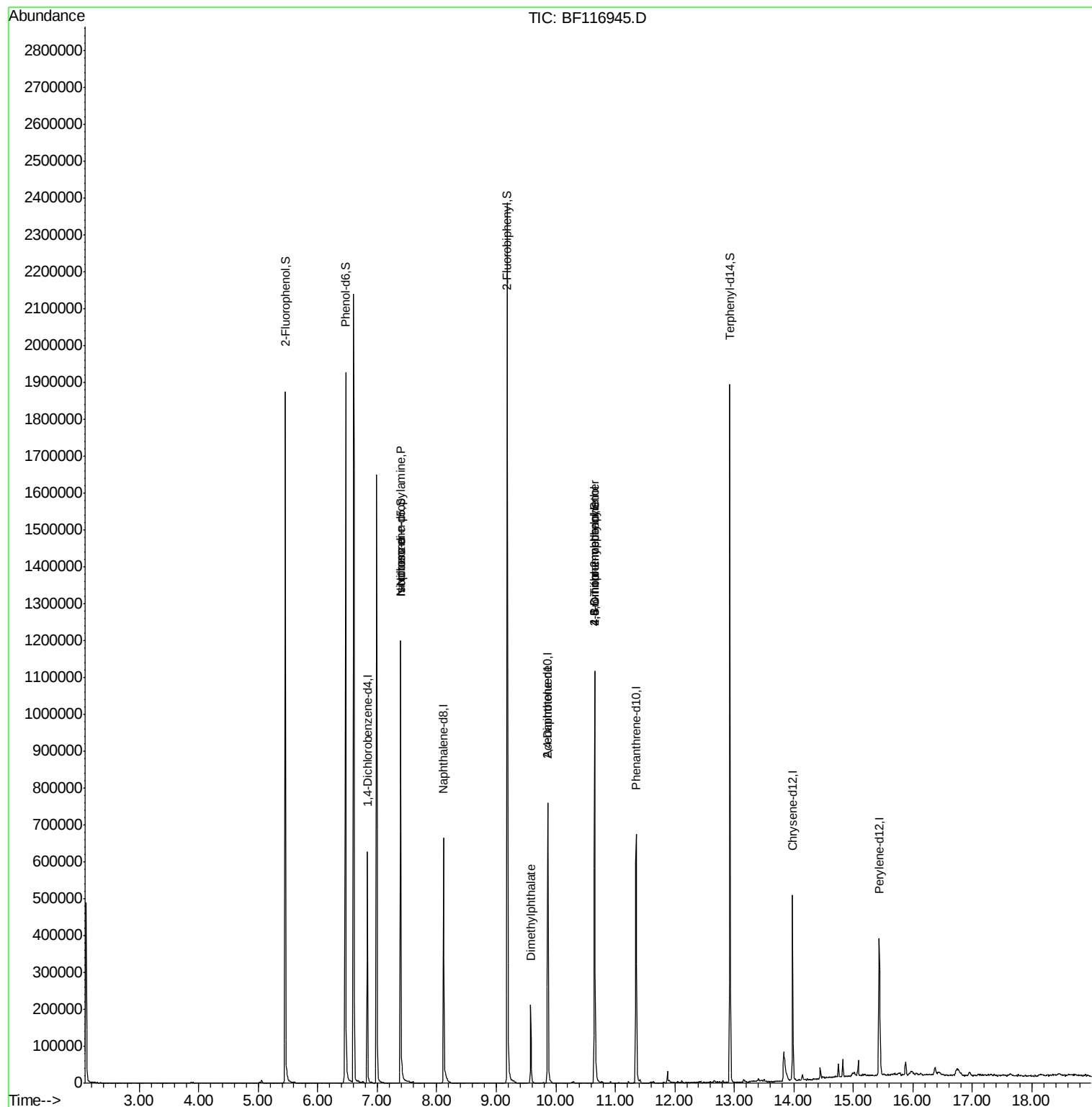
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88989	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	348720	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	180009	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	284821	20.00	ng	0.00
76) Chrysene-d12	13.98	240	159142	20.00	ng	0.00
87) Perylene-d12	15.43	264	173851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	532178	96.88	ng	0.00
7) Phenol-d6	6.47	99	734543	101.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	454177	74.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	136338	113.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	766673	71.85	ng	0.00
79) Terphenyl-d14	12.93	244	631092	73.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	60793	12.801	ng	# 72
25) Isophorone	7.39	82	454173	36.692	ng	# 66
50) Dimethylphthalate	9.58	163	100930	8.121	ng	# 99
57) 2,4-Dinitrotoluene	9.86	165	22124	7.631	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.65	198	249	7.652	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	9018	3.117	ng	# 1

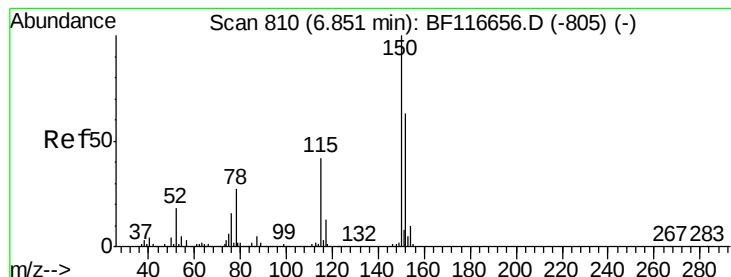
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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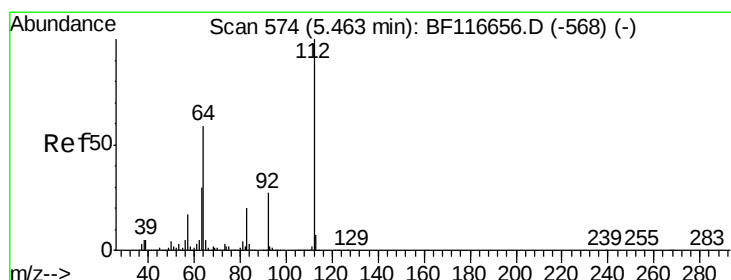
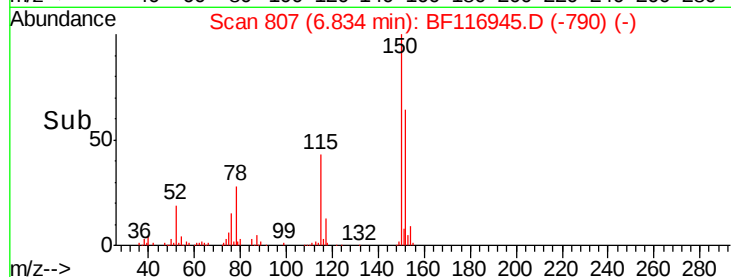
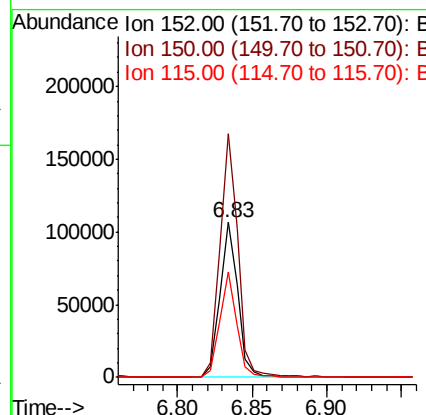
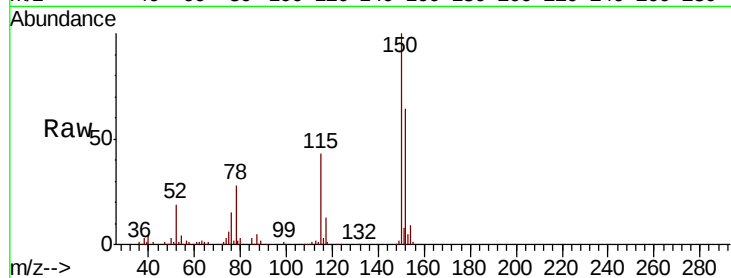


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Instrument :
BNA_F
ClientSampleId :

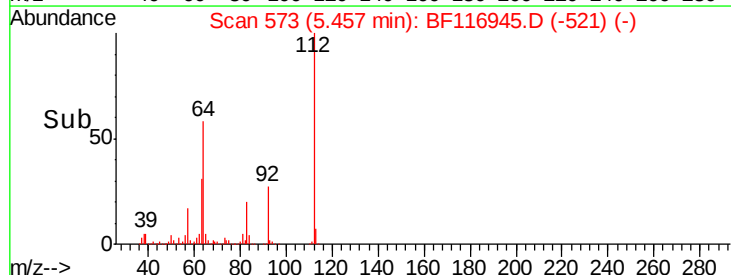
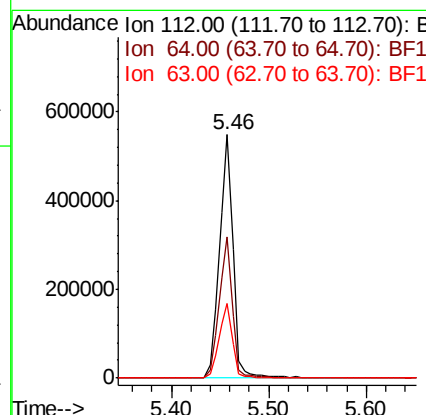
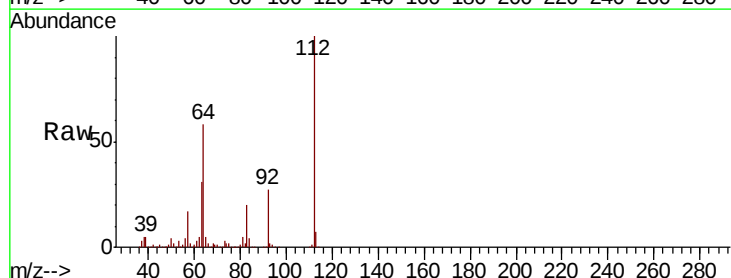
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	67.8	49.9	74.9



#5

2-Fluorophenol
Concen: 96.884 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	30.7	24.9	37.3





#7

Phenol-d6

Concen: 101.838 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Instrument :

BNA_F

ClientSampled :

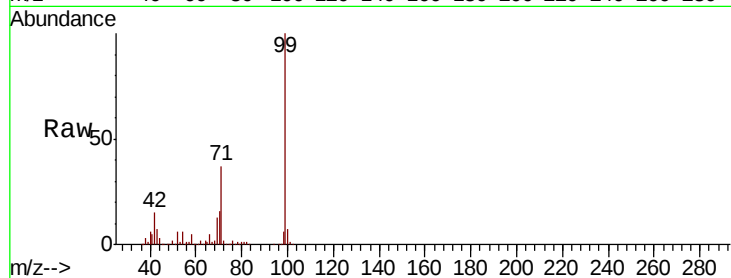
Tot Ion: 99 Resp: 734543

Ion Ratio Lower Upper

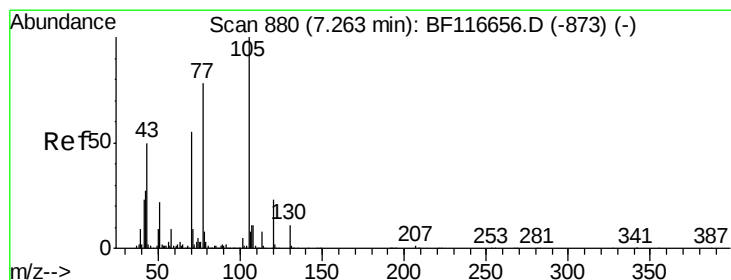
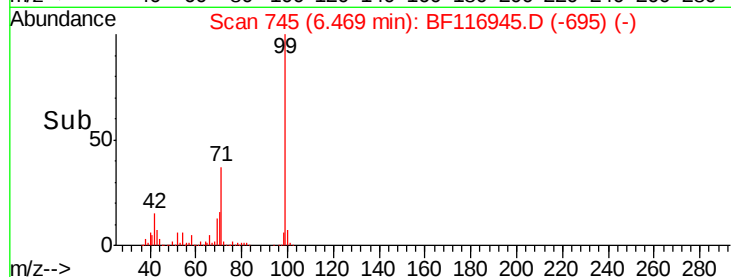
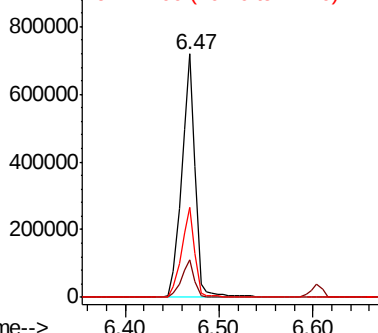
99 100

42 15.4 13.7 20.5

71 36.9 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: 12.801 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Tgt Ion: 70 Resp: 60793

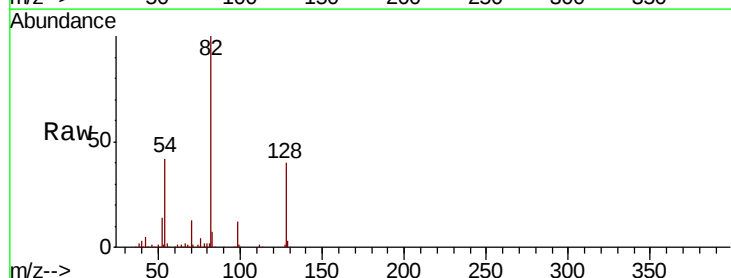
Ion Ratio Lower Upper

70 100

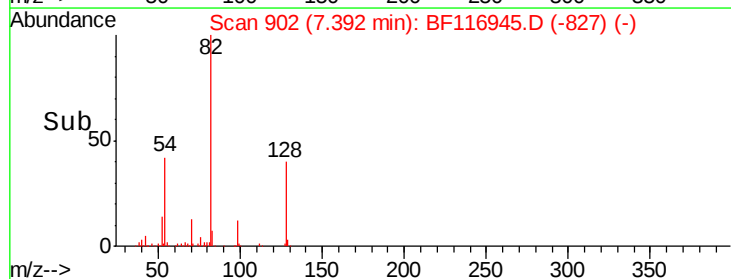
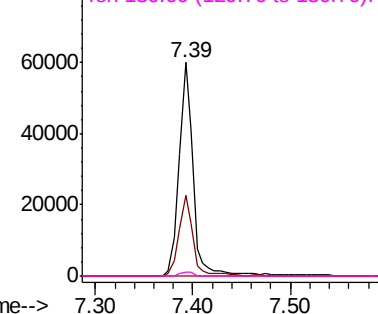
42 38.0 43.5 65.3#

101 0.0 7.8 11.6#

130 1.7 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

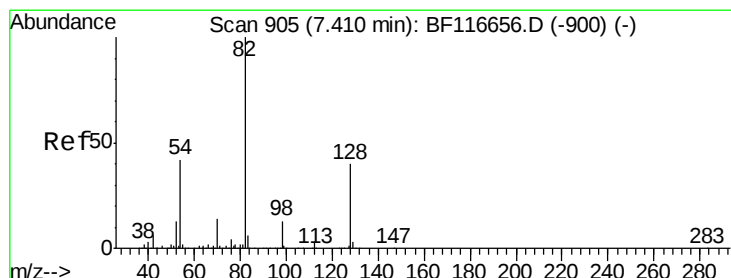
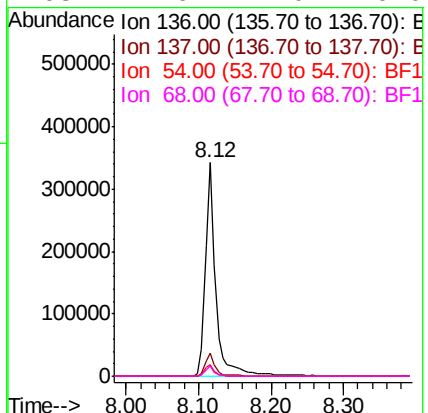
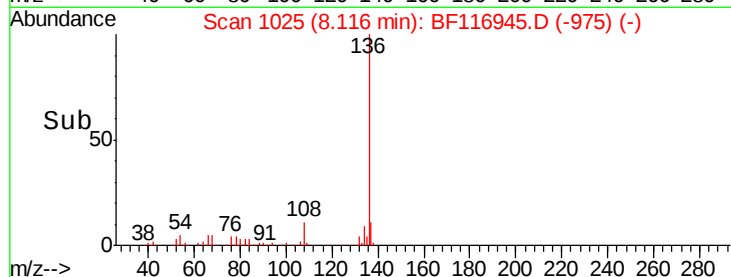
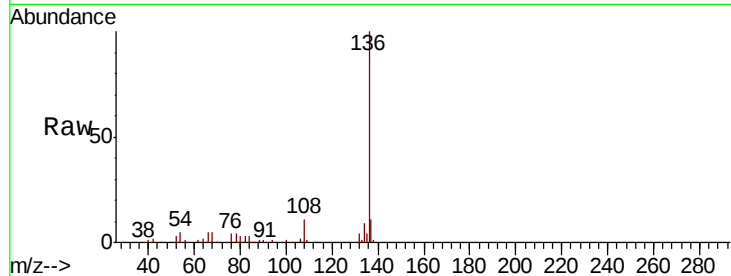




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

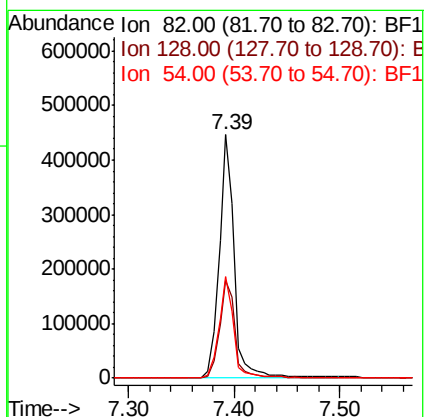
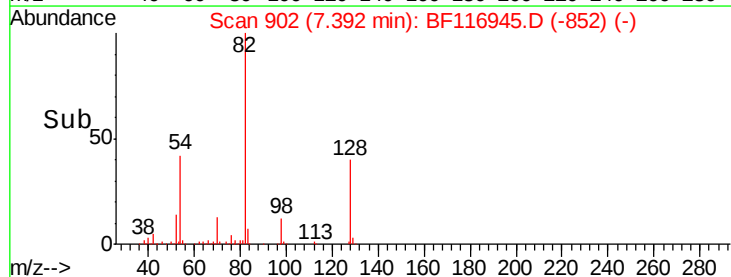
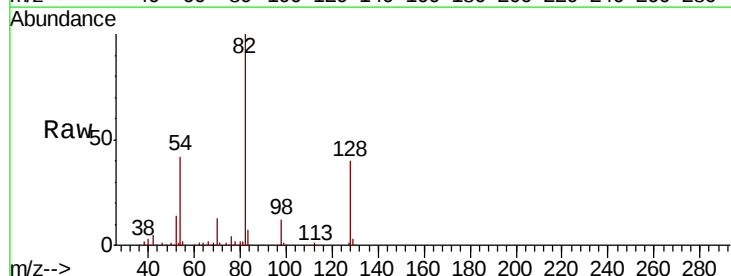
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	348720
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	5.4	4.8 7.2
68	4.6	4.0 6.0



#23
Nitrobenzene-d5
Concen: 74.351 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion: 82	Resp:	454177
Ion Ratio	Lower	Upper
82	100	
128	40.2	32.8 49.2
54	41.9	36.9 55.3





#25

Isophorone

Concen: 36.692 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Instrument :

BNA_F

ClientSampled :

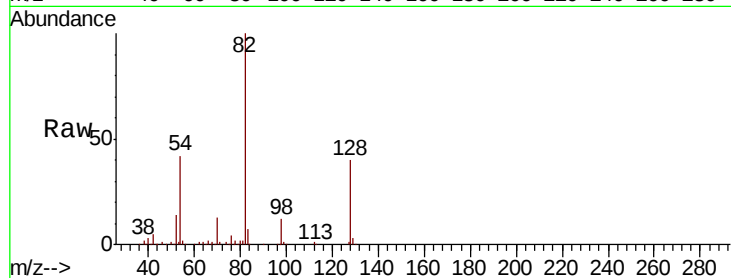
Tot Ion: 82 Resp: 454173

Ion Ratio Lower Upper

82 100

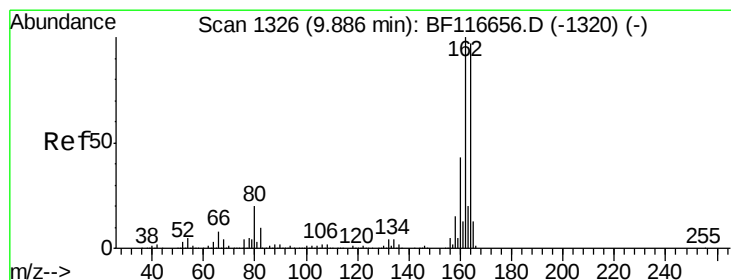
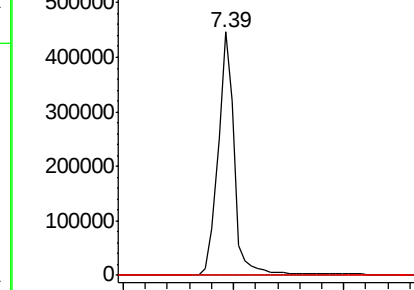
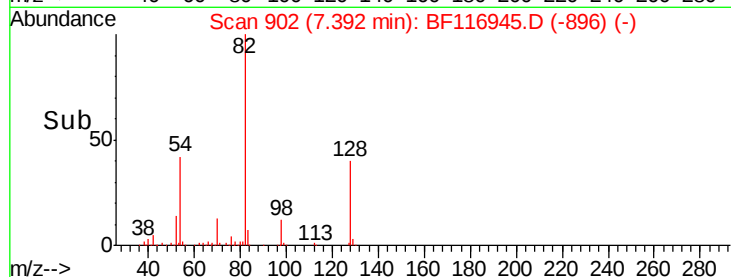
95 0.0 5.8 8.6#

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): E

7.39



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

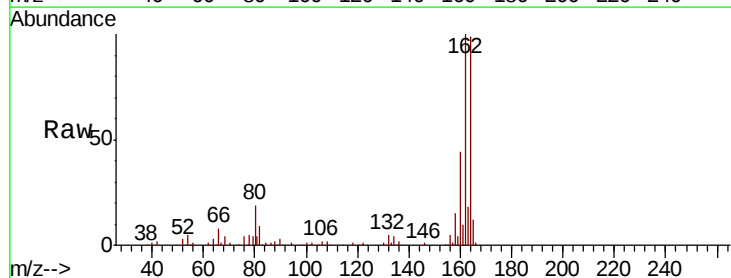
Tgt Ion: 164 Resp: 180009

Ion Ratio Lower Upper

164 100

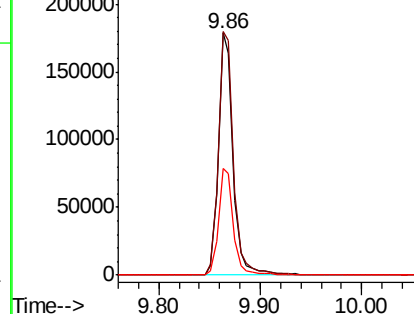
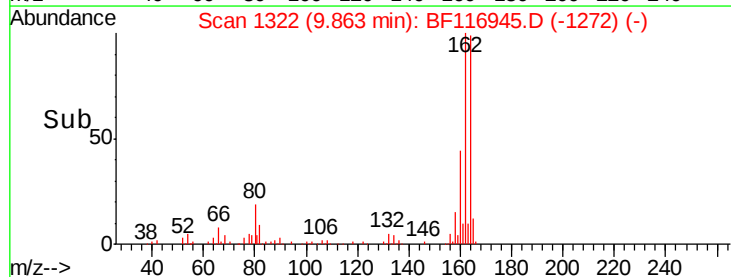
162 100.6 81.4 122.0

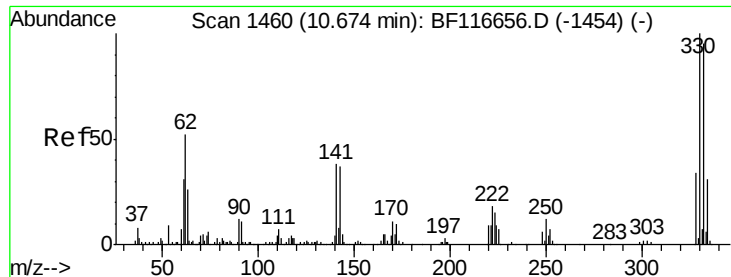
160 44.3 35.4 53.2



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

9.86

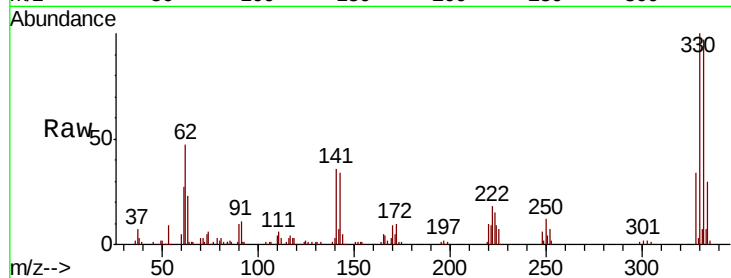




#42
 2,4,6-Tribromophenol
 Concen: 113.294 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	45.6	31.4	47.2

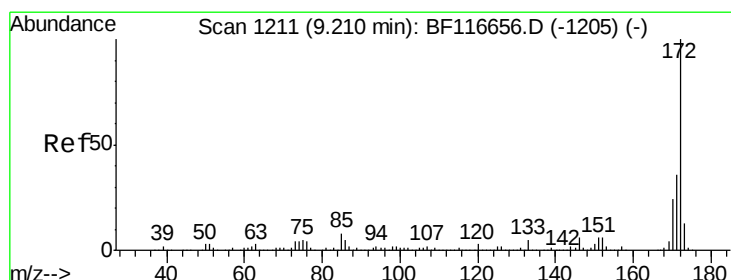
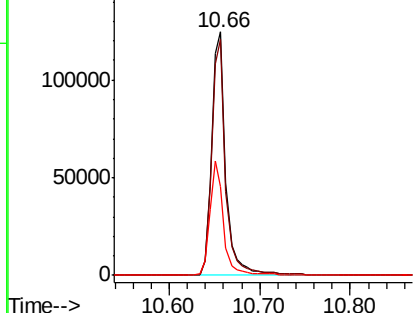
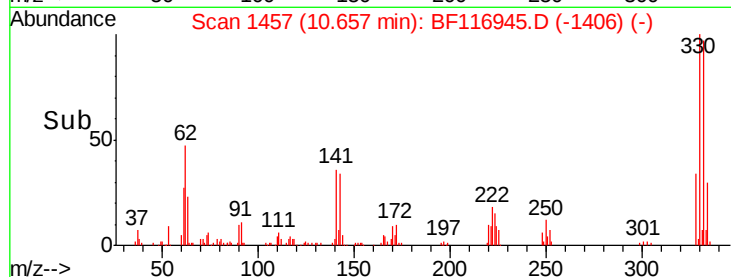


Abundance

Ion 329.80 (329.50 to 330.50): E

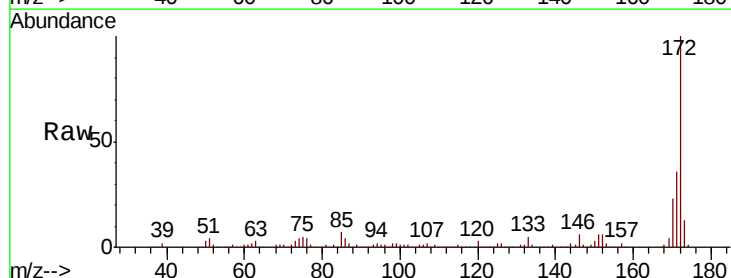
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.846 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	23.4	18.9	28.3

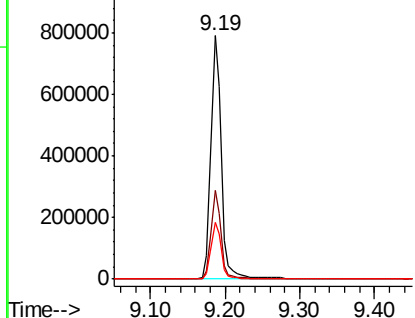
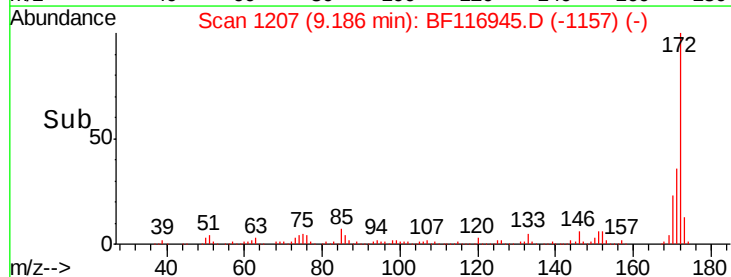


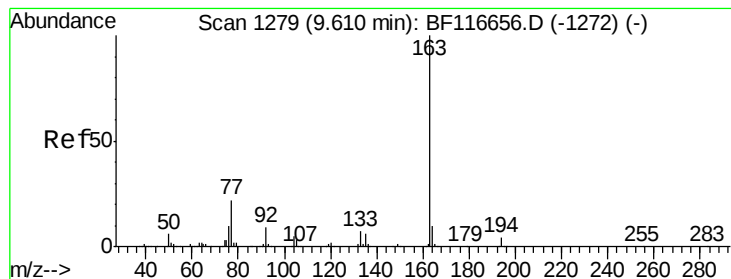
Abundance

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





#50

Dimethylphthalate

Concen: 8.121 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Instrument :

BNA_F

ClientSampleId :

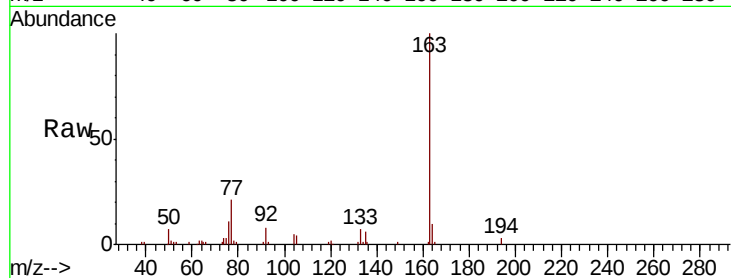
Tot Ion:163 Resp: 100930

Ion Ratio Lower Upper

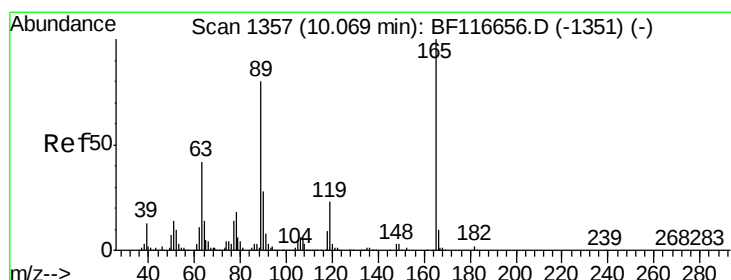
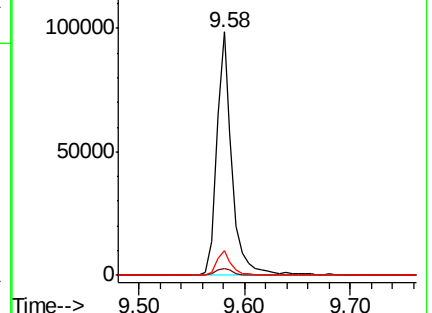
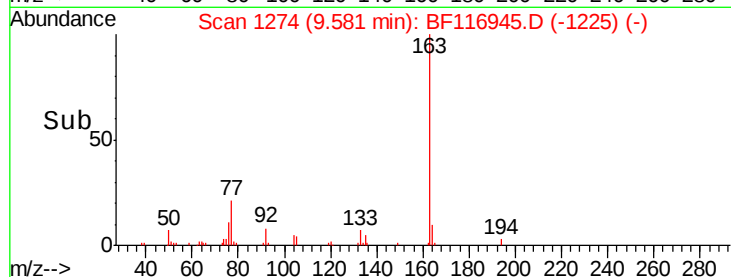
163 100

194 2.9 2.8 4.2

164 10.3 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



#57

2,4-Dinitrotoluene

Concen: 7.631 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Tgt Ion:165 Resp: 22124

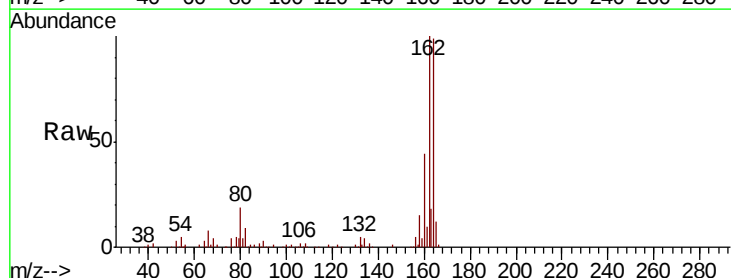
Ion Ratio Lower Upper

165 100

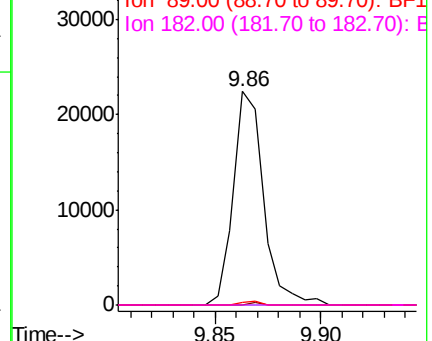
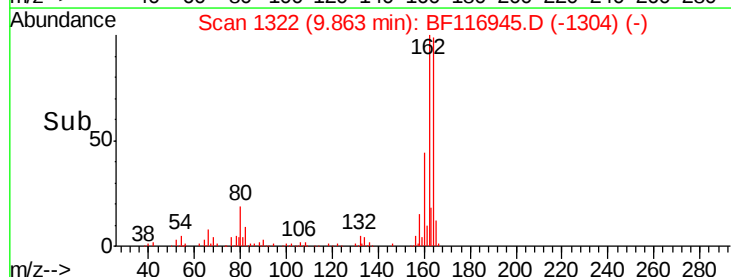
63 0.0 36.4 54.6#

89 1.4 62.6 94.0#

182 0.0 2.1 3.1#



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

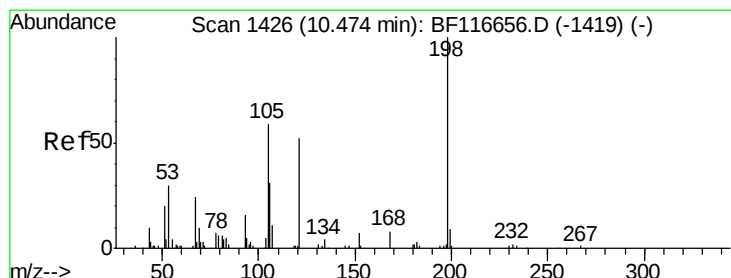
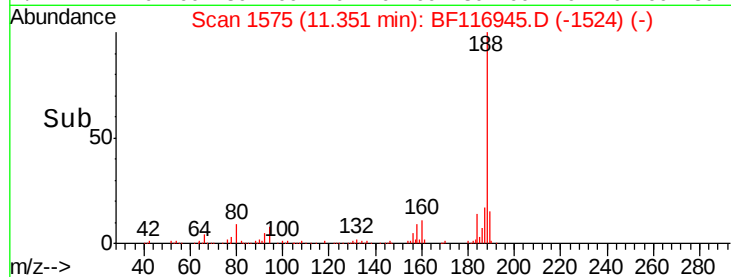
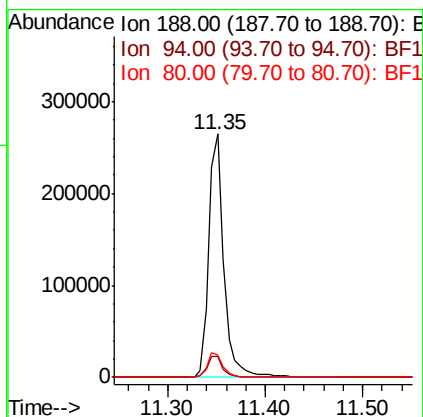
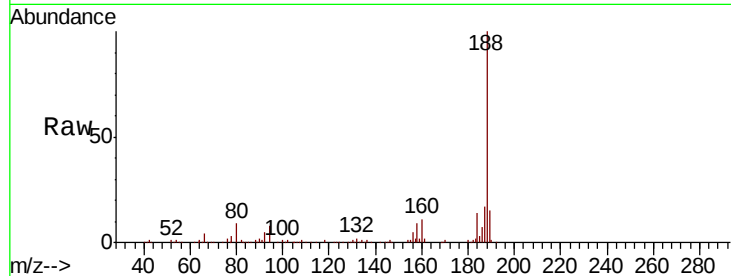




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

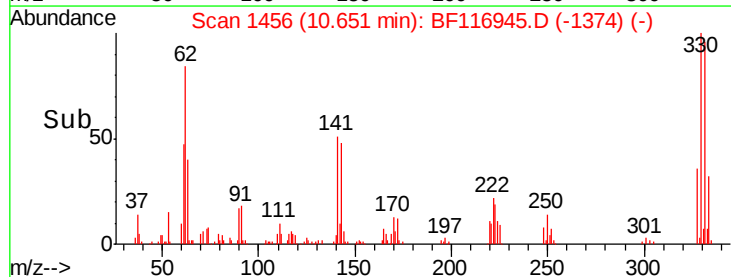
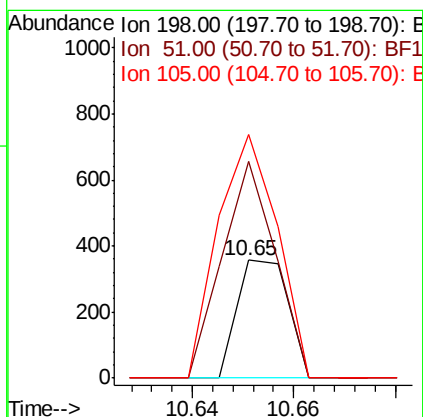
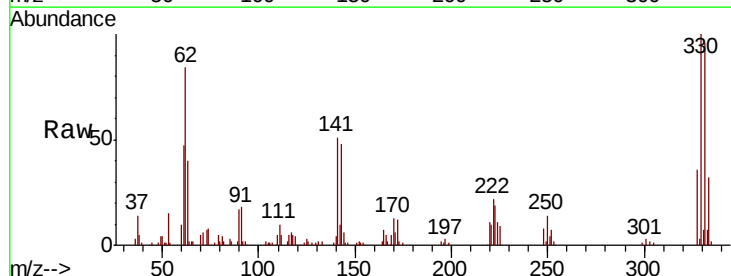
Instrument :
BNA_F
ClientSampleId :

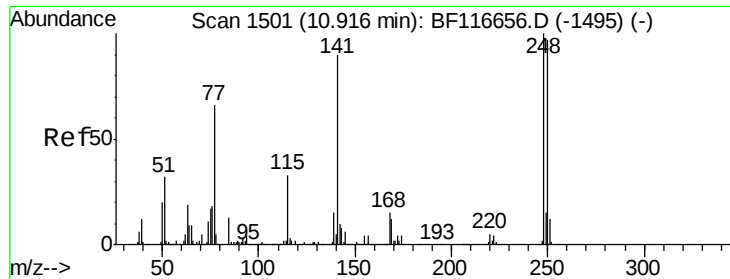
Tot Ion:188 Resp: 284821
Ion Ratio Lower Upper
188 100
94 8.4 7.3 10.9
80 9.1 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.652 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 183.8 18.4 58.4#
105 206.4 22.9 62.9#

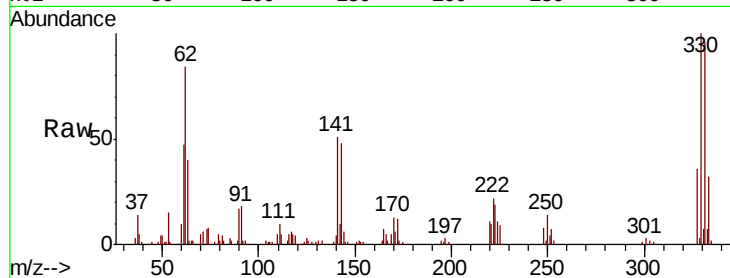




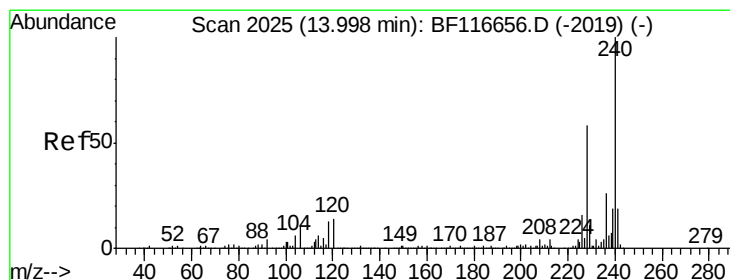
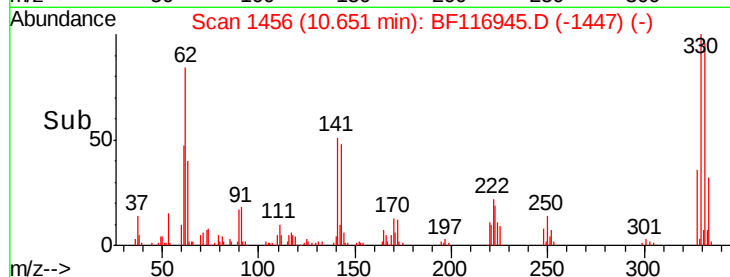
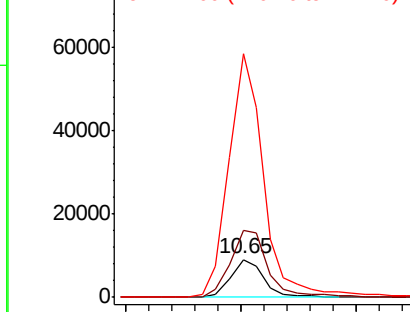
#67
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9018
Ion Ratio Lower Upper
248 100
250 175.5 77.8 116.8#
141 642.2 75.9 113.9#

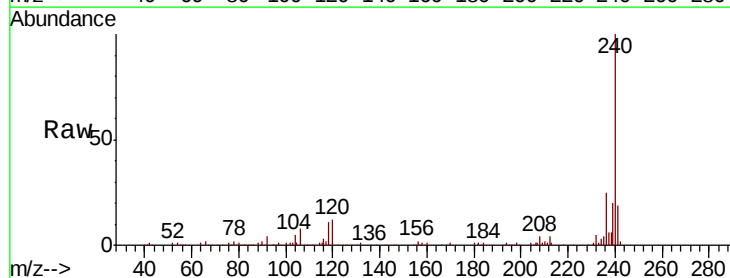


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

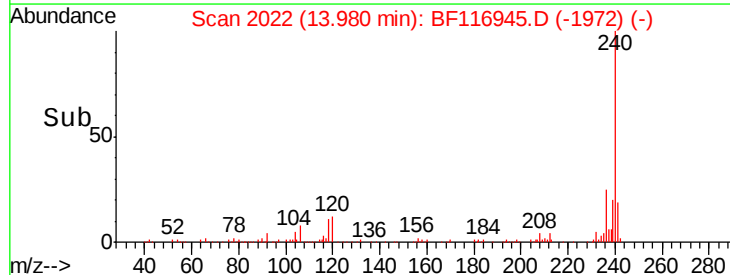
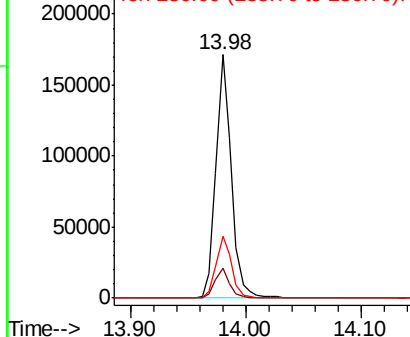


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion:240 Resp: 159142
Ion Ratio Lower Upper
240 100
120 12.0 9.1 13.7
236 25.3 21.1 31.7



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

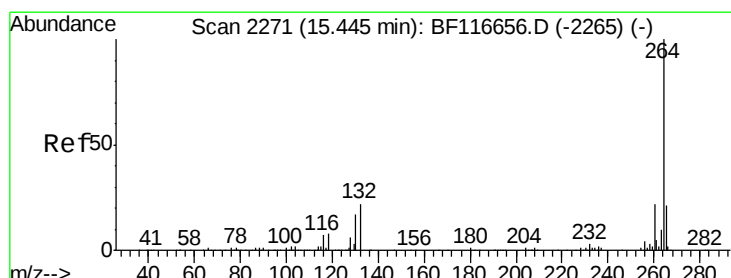
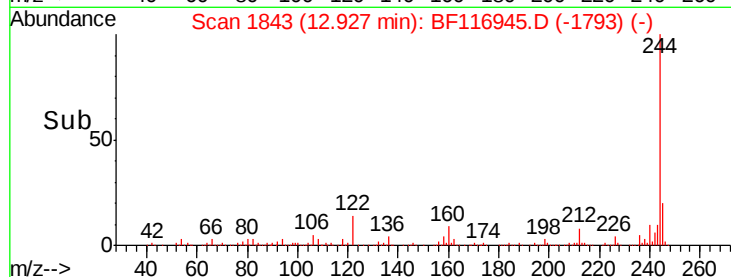
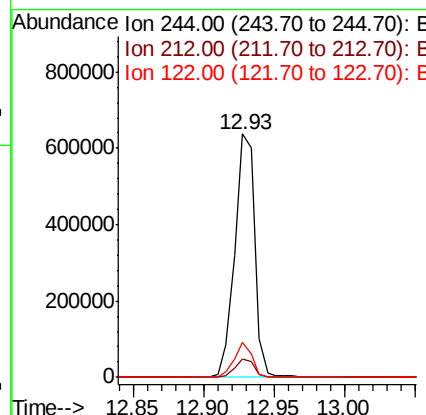
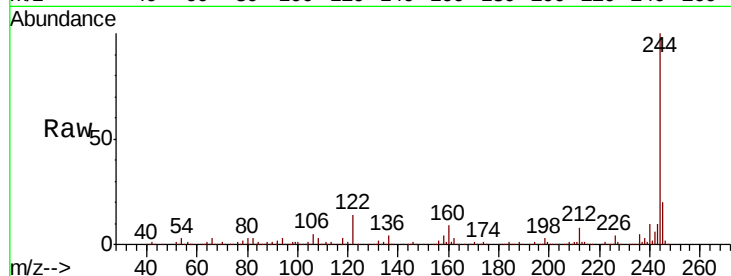




#79
 Terphenyl-d14
 Concen: 73.361 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 631092
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.1 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Tgt Ion:264 Resp: 173851
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 22.8 16.5 24.7

