

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114416.D
 Acq On : 19 May 2019 3:38
 Operator : JU/SJ
 Sample : K2899-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

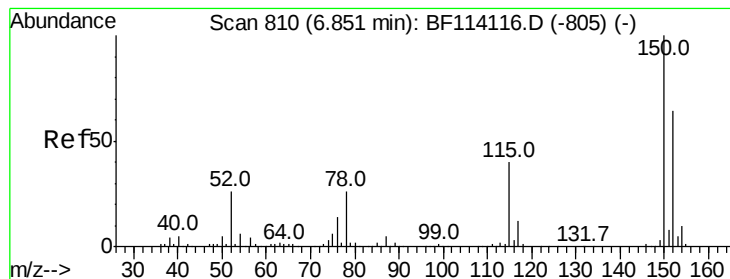
Quant Time: May 20 04:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243036	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	908599	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	401430	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	694138	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	476067	20.00	ng	-0.03
87) Perylene-d12	15.46	264	506907	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1297781	85.93	ng	0.00
7) Phenol-d6	6.49	99	1525611	85.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	1320624	81.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	410784	98.98	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2270128	85.54	ng	-0.02
79) Terphenyl-d14	12.93	244	1907754	82.61	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) 2-Methylphenol	7.25	107	495221	37.392	ng	# 70
20) 3+4-Methylphenols	7.25	107	500282	32.694	ng	# 48
25) Isophorone	7.40	82	1317510	43.878	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	30457	2.424	ng	# 26
32) Benzoic acid	7.90	122	30457	9.923	ng	92
50) Dimethylphthalate	9.58	163	136135	4.620	ng	98
51) 2,6-Dinitrotoluene	9.86	165	52113	7.973	ng	# 23
57) 2,4-Dinitrotoluene	9.86	165	52113	5.874	ng	# 26
67) 4-Bromophenyl-phenylether	10.66	248	27083	3.544	ng	# 1

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

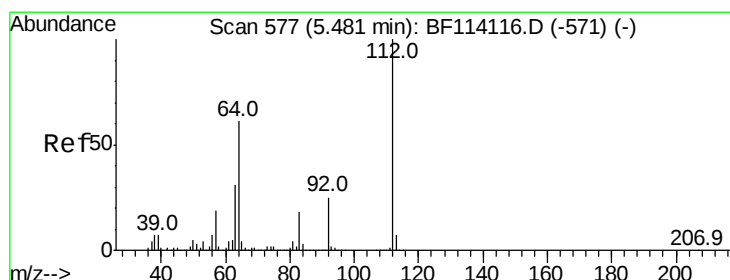
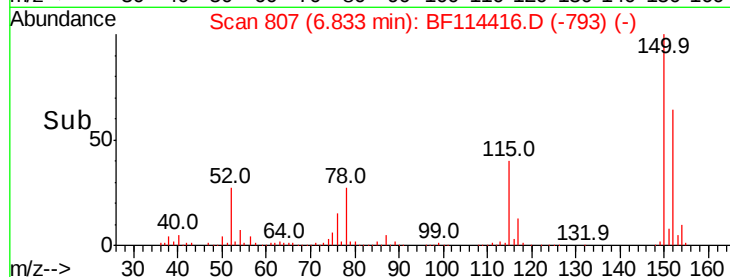
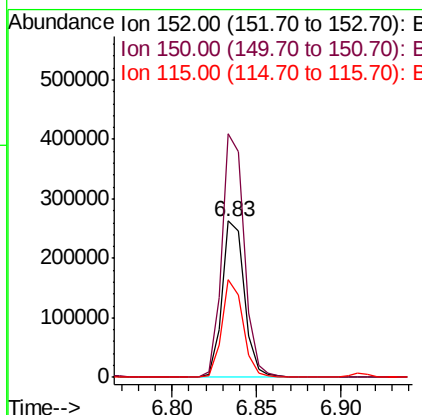
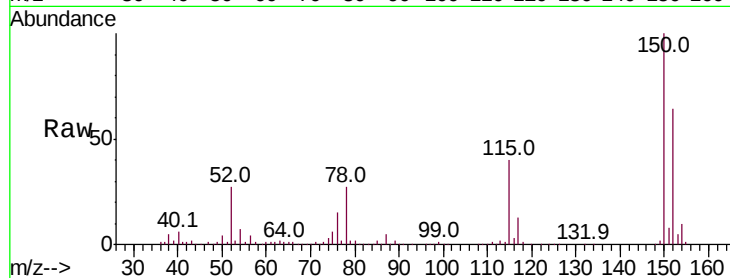


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :

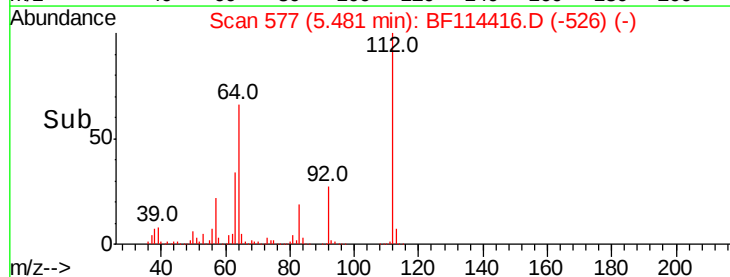
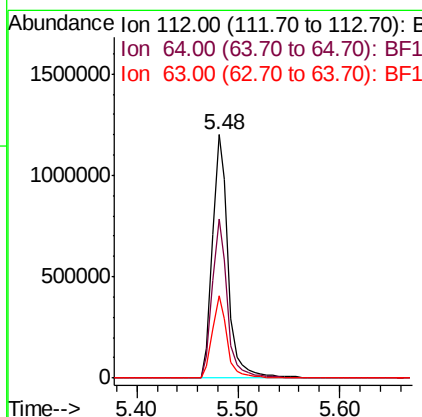
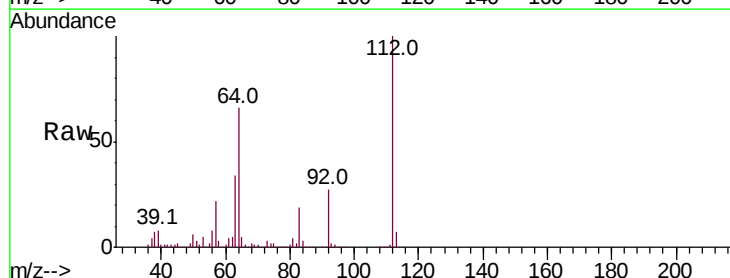
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	62.0	49.1	73.7



#5

2-Fluorophenol
Concen: 85.932 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.0	73.6
63	33.7	24.6	37.0





#7

Phenol-d6

Concen: 85.411 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Instrument :

BNA_F

ClientSampleId :

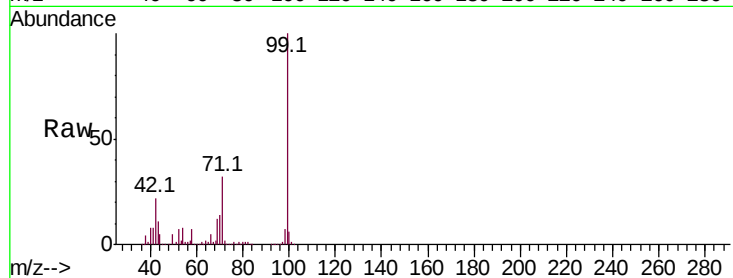
Tot Ion: 99 Resp: 1525611

Ion Ratio Lower Upper

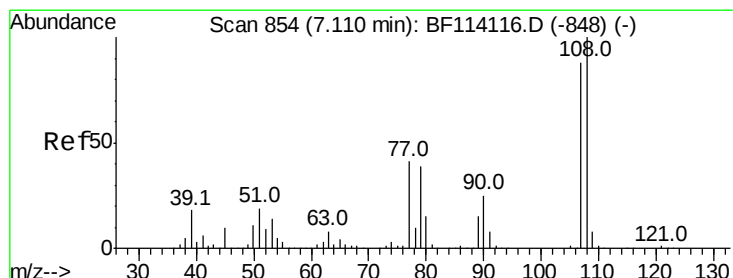
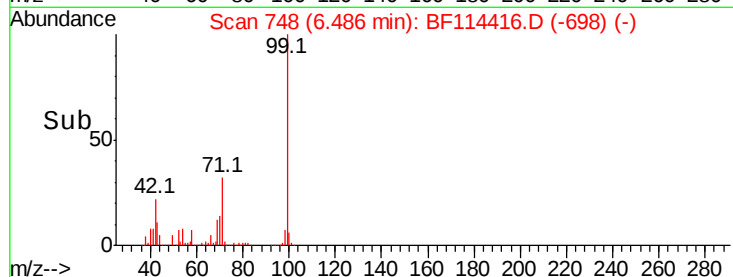
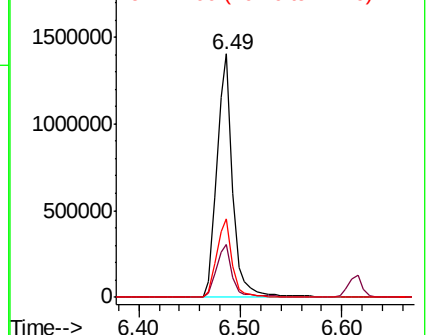
99 100

42 21.8 17.9 26.9

71 32.1 26.2 39.2



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



#17

2-Methylphenol

Concen: 37.392 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.14 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Tgt Ion: 107 Resp: 495221

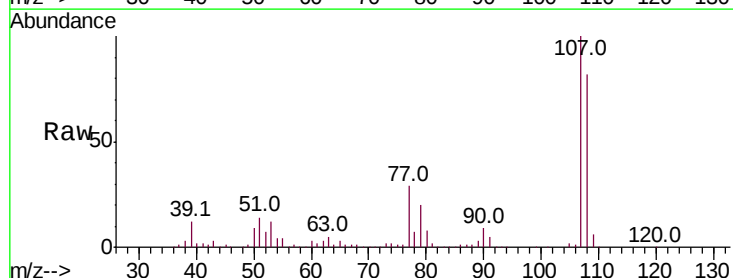
Ion Ratio Lower Upper

107 100

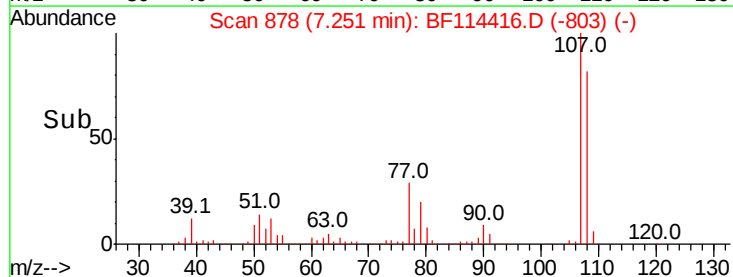
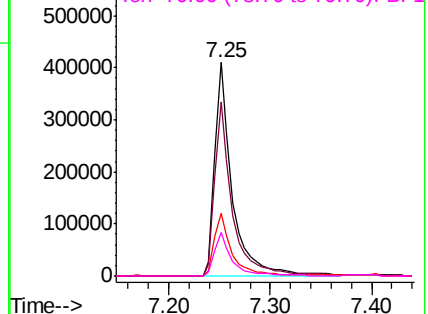
108 81.5 90.5 135.7#

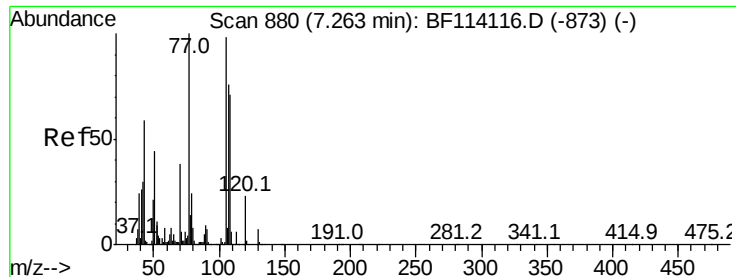
77 29.2 37.0 55.4#

79 20.2 35.8 53.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#20

3+4-Methylphenols

Concen: 32.694 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114416.D

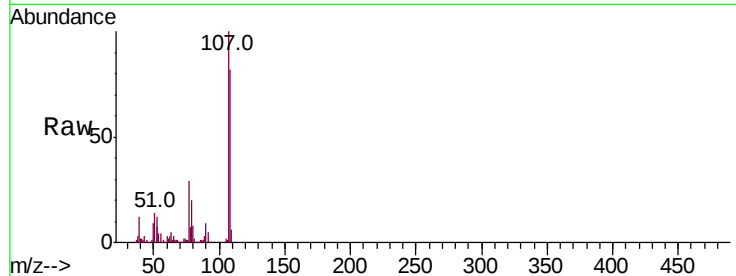
Acq: 19 May 2019 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	500282
Ion	Ratio	Lower	Upper
107	100		
108	81.5	73.8	113.8
77	29.2	111.5	151.5#
79	20.2	12.0	52.0

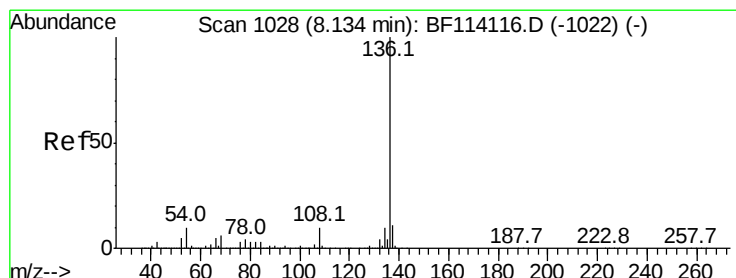
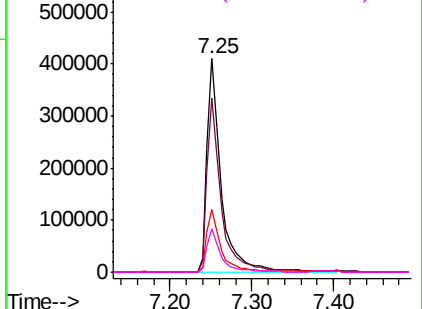
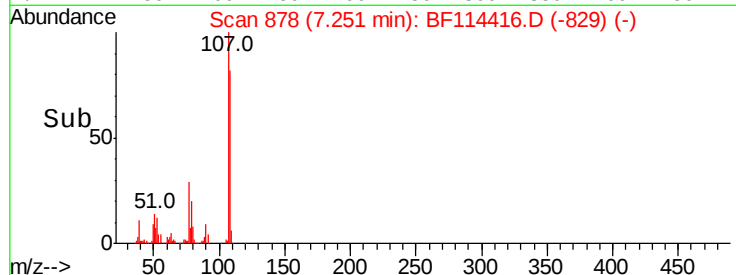


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

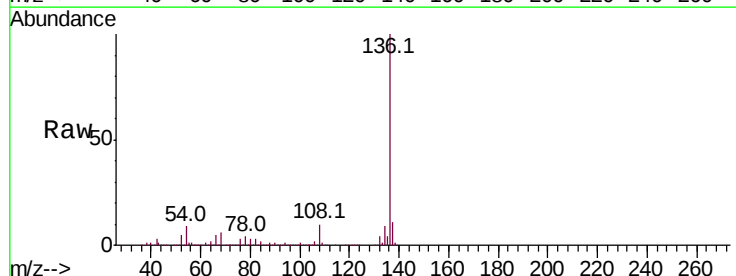
RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Tgt Ion:	136	Resp:	908599
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	7.8	11.8
68	6.2	5.1	7.7

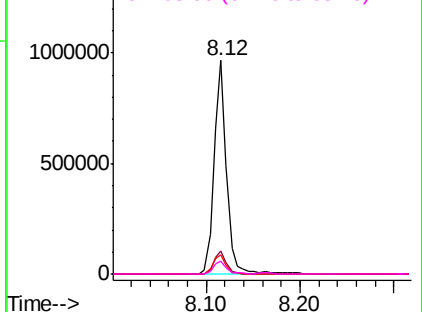
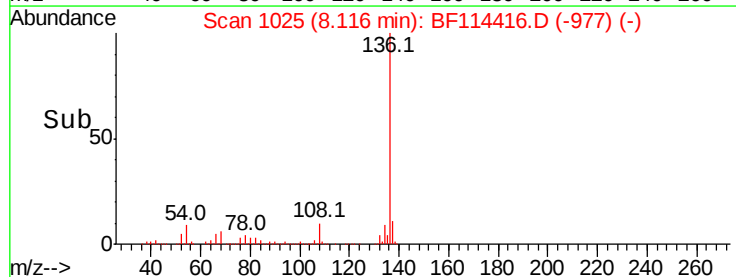


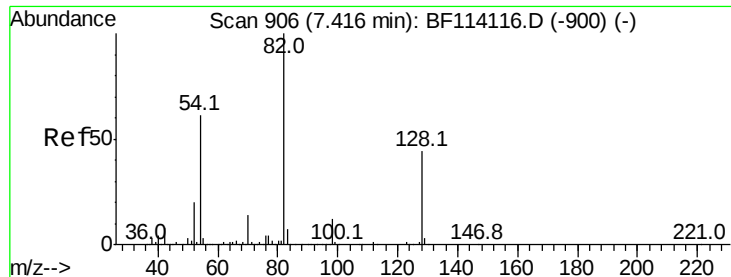
Abundance Ion 136.00 (135.70 to 136.70): E

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

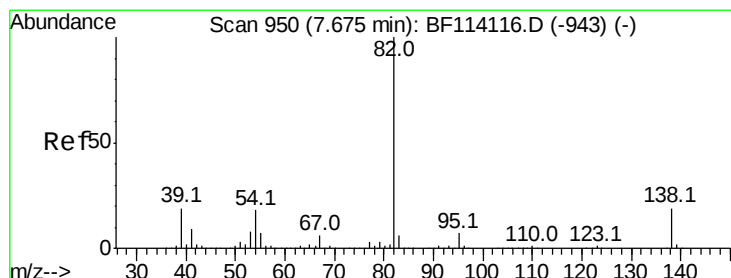
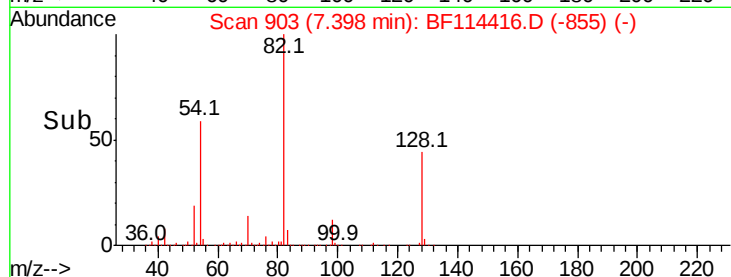
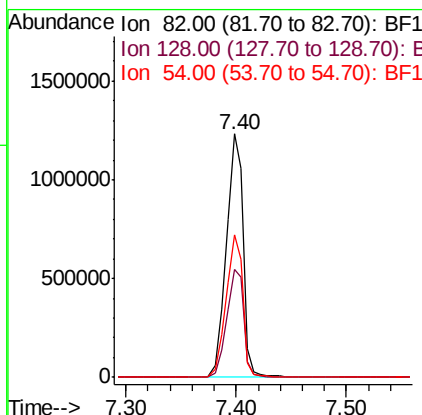
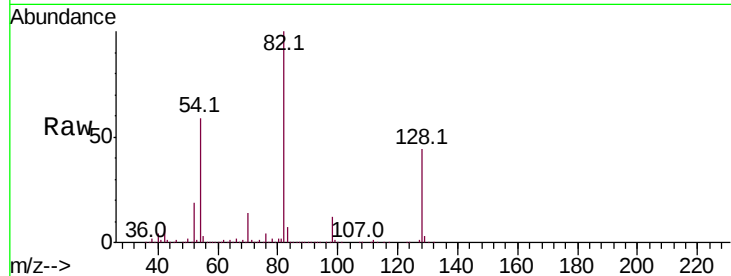




#23
 Nitrobenzene-d5
 Concen: 81.569 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

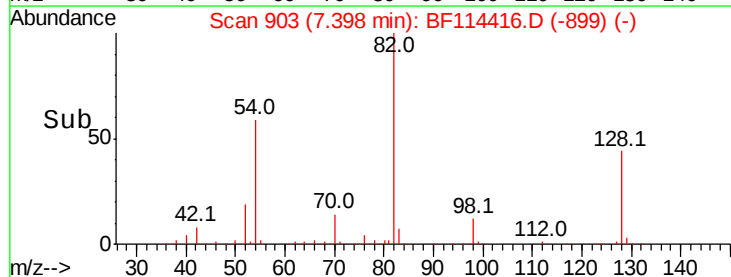
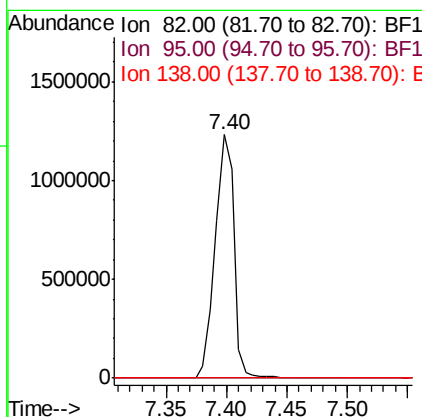
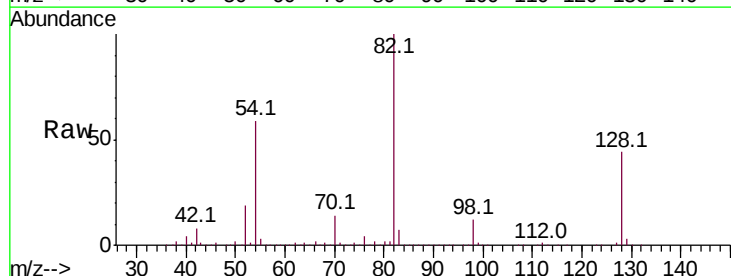
Instrument :
 BNA_F
 ClientSampleId :

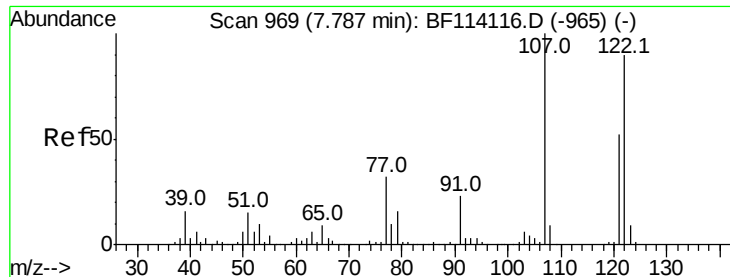
Tot Ion: 82 Resp: 1320624
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.5 53.3
 54 58.7 48.5 72.7



#25
 Isophorone
 Concen: 43.878 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

Tgt Ion: 82 Resp: 1317510
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#

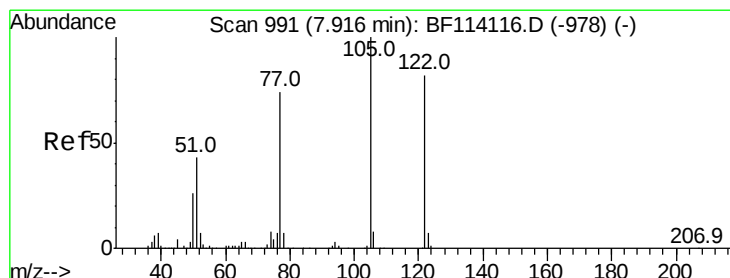
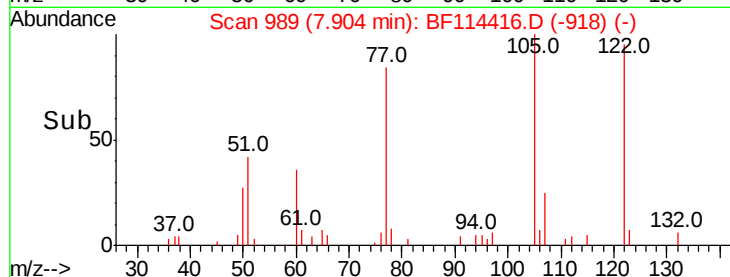
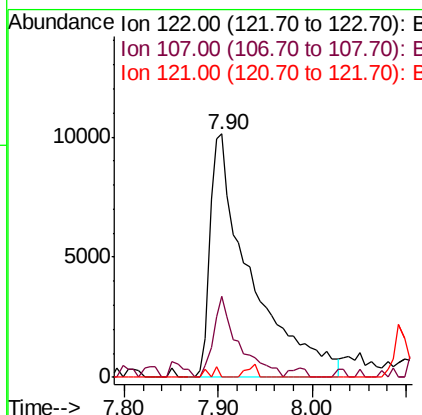
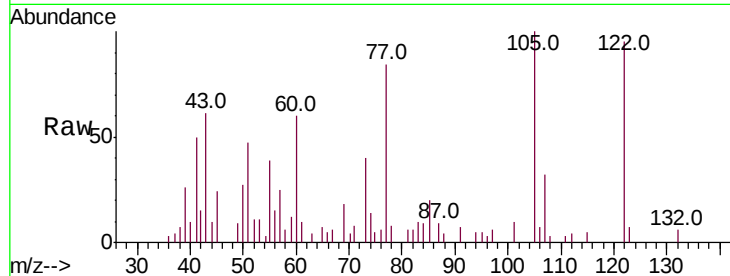




#27
2,4-Dimethylphenol
Concen: 2.424 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.12 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

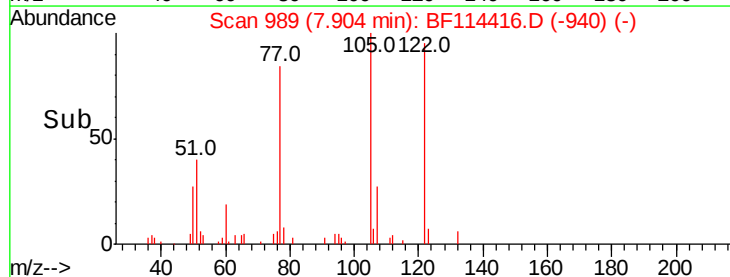
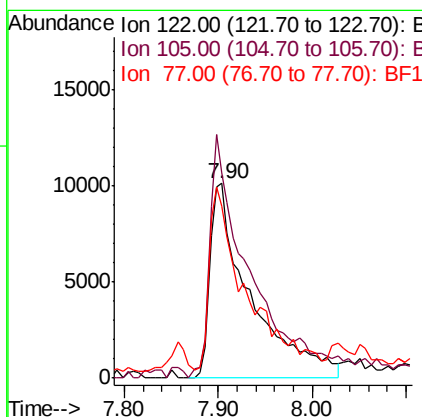
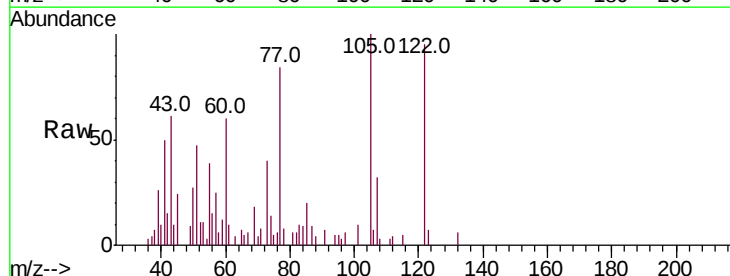
Instrument :
BNA_F
ClientSampleId :

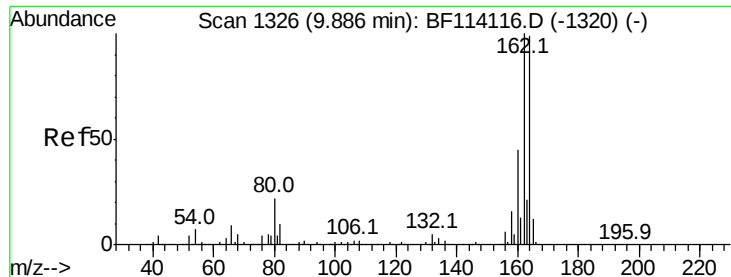
Tot Ion:122 Resp: 30457
Ion Ratio Lower Upper
122 100
107 33.4 88.4 132.6#
121 0.0 45.9 68.9#



#32
Benzoic acid
Concen: 9.923 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:122 Resp: 30457
Ion Ratio Lower Upper
122 100
105 105.1 99.9 139.9
77 88.4 69.4 109.4

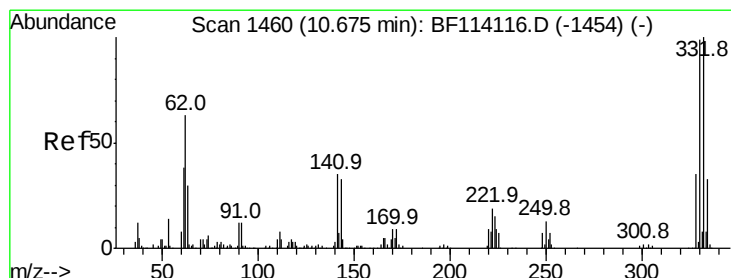
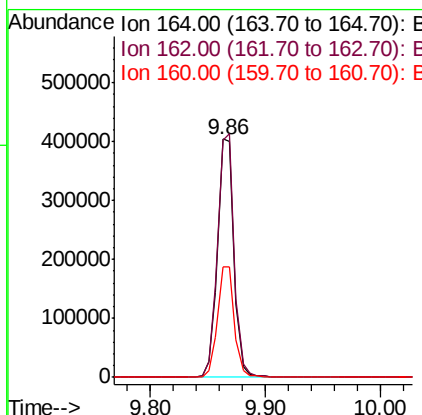
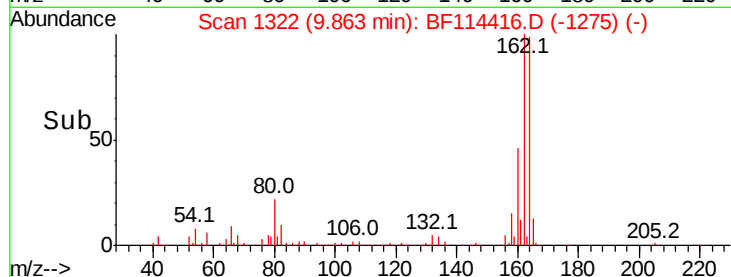
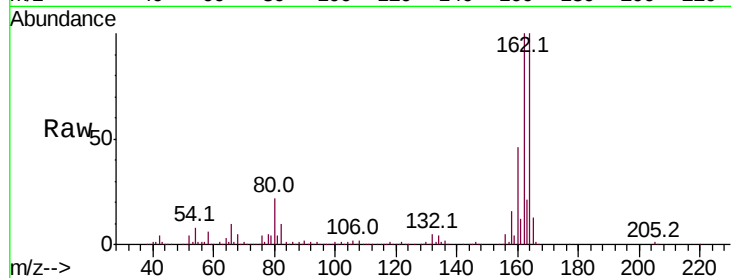




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

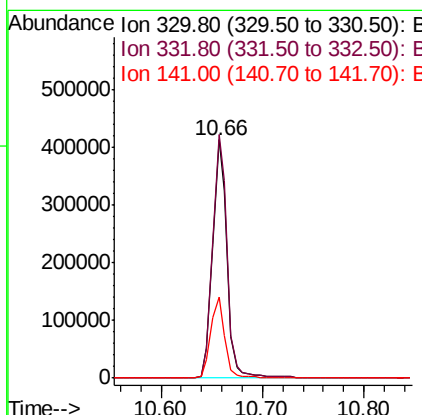
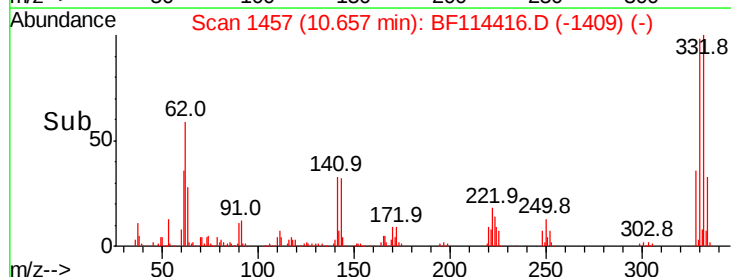
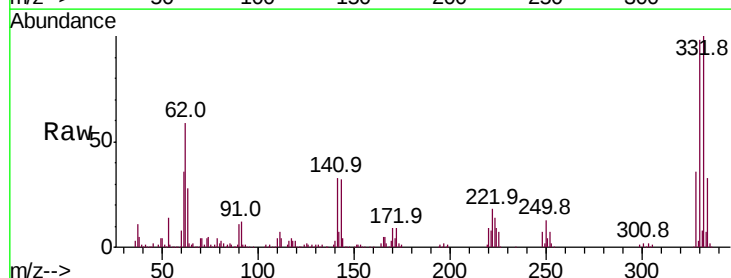
Instrument :
 BNA_F
 ClientSampleId :

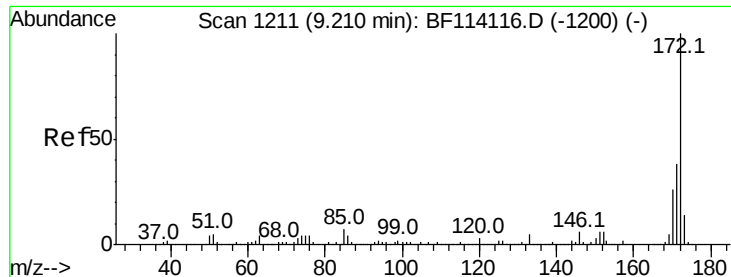
Tot Ion:164 Resp: 401430
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 120.8
 160 46.2 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 98.981 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

Tgt Ion:330 Resp: 410784
 Ion Ratio Lower Upper
 330 100
 332 103.8 81.4 122.2
 141 33.9 26.6 40.0



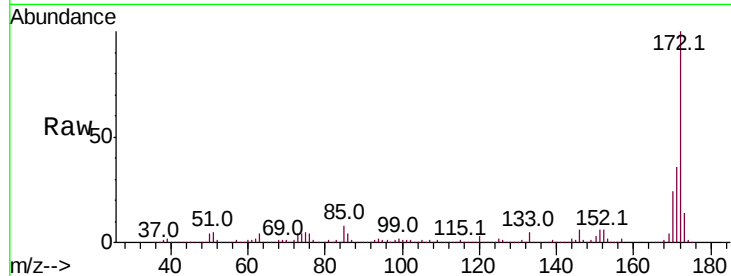


#45
 2-Fluorobiphenyl
 Concen: 85.543 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

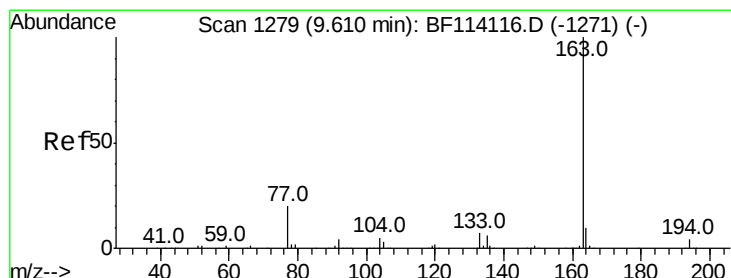
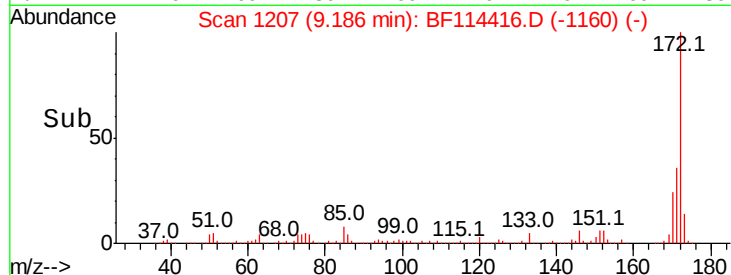
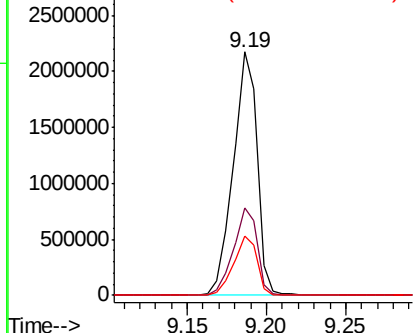
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2270128

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7



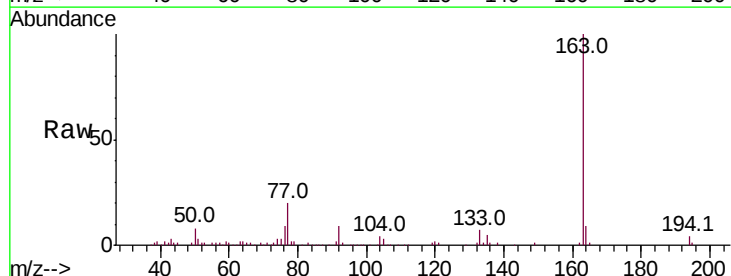
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



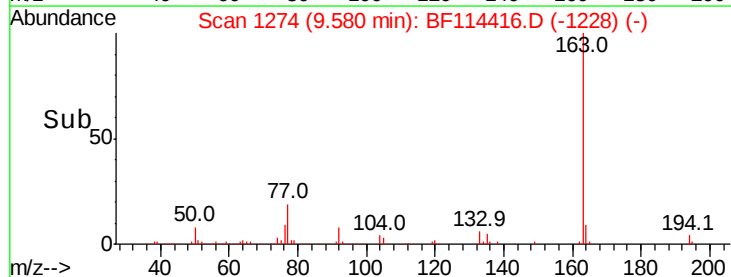
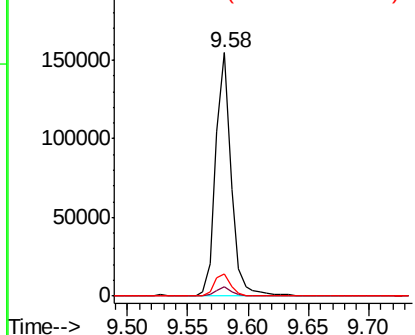
#50
 Dimethylphthalate
 Concen: 4.620 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

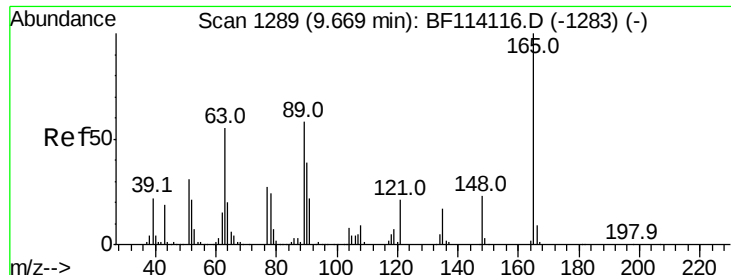
Tgt Ion:163 Resp: 136135

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.1	8.2	12.2



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

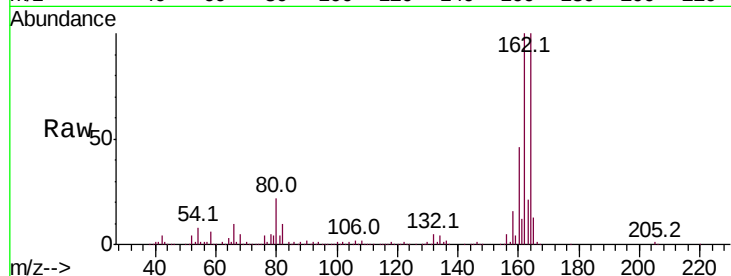




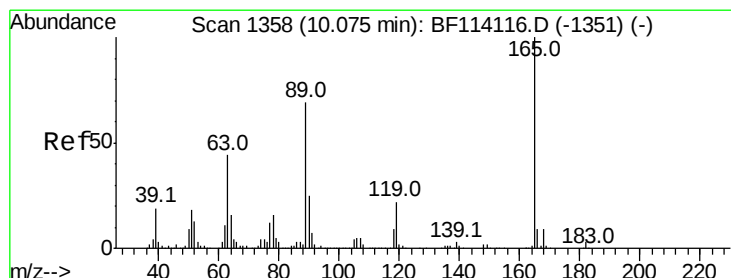
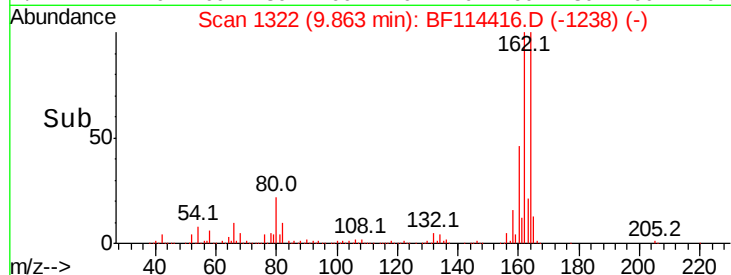
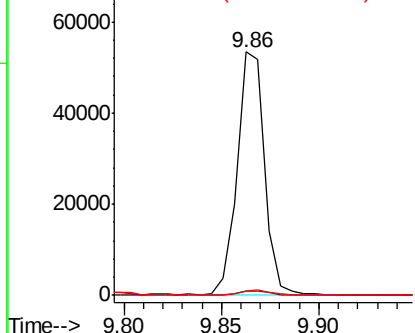
#51
 2,6-Dinitrotoluene
 Concen: 7.973 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.19 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 52113
 Ion Ratio Lower Upper
 165 100
 63 1.8 50.2 75.4#
 89 1.6 46.6 69.8#

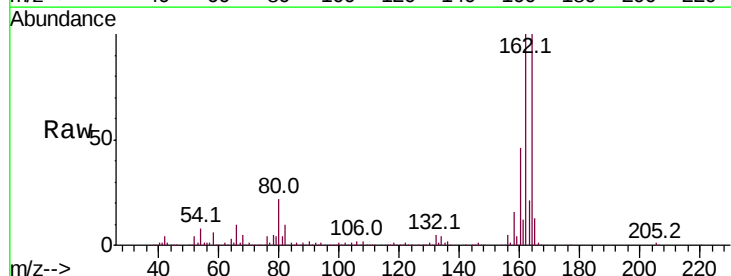


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

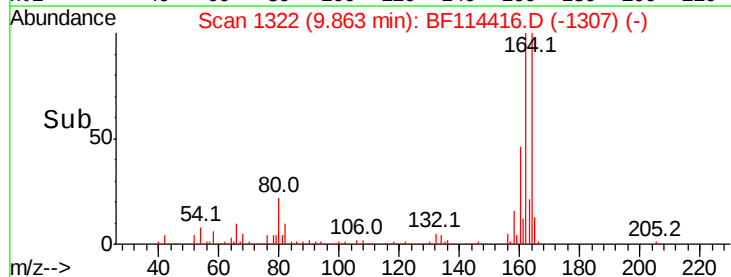
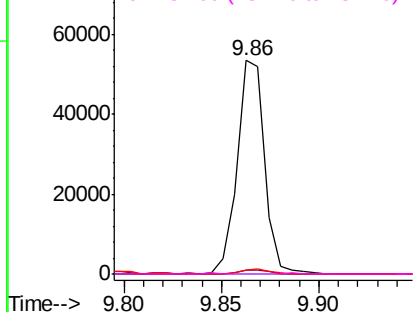


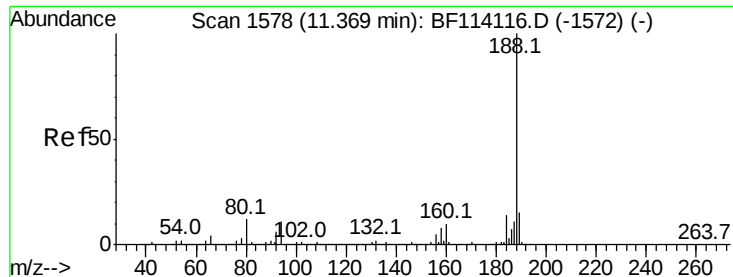
#57
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

Tgt Ion:165 Resp: 52113
 Ion Ratio Lower Upper
 165 100
 63 1.8 35.5 53.3#
 89 1.6 55.2 82.8#
 182 0.0 2.2 3.2#



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

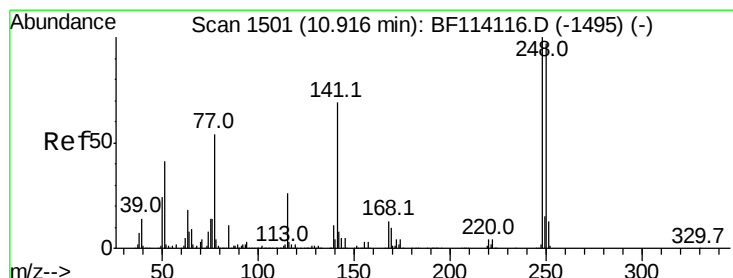
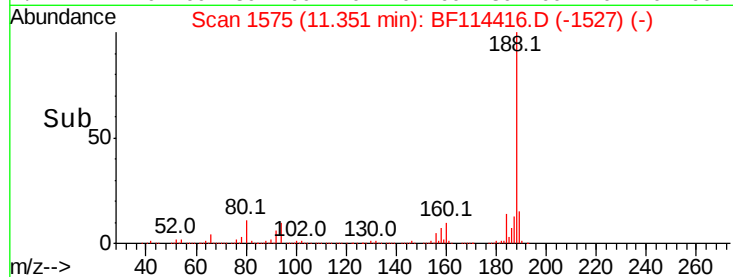
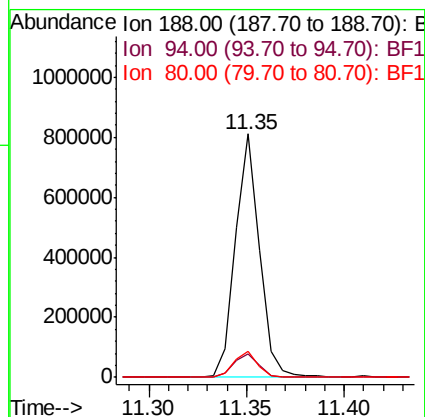
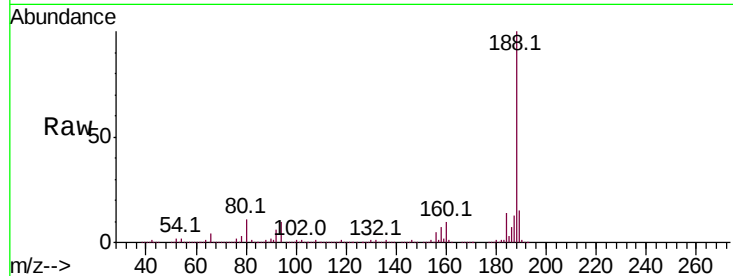




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

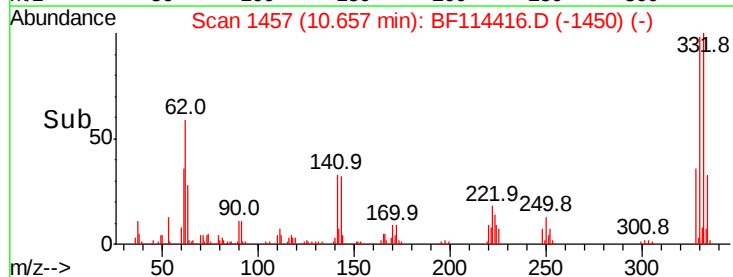
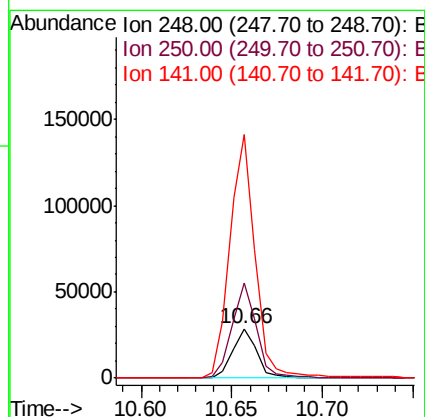
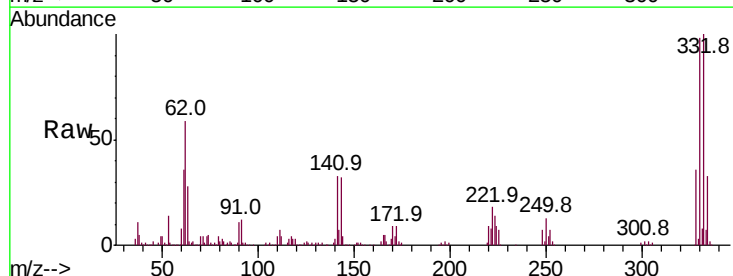
Instrument :
BNA_F
ClientSampleId :

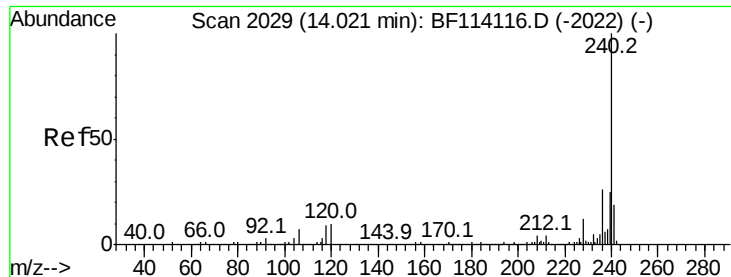
Tot Ion:188 Resp: 694138
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.6 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.544 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:248 Resp: 27083
Ion Ratio Lower Upper
248 100
250 193.7 77.4 116.2#
141 494.3 55.6 83.4#

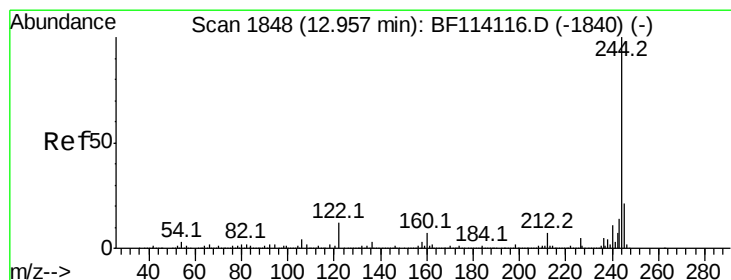
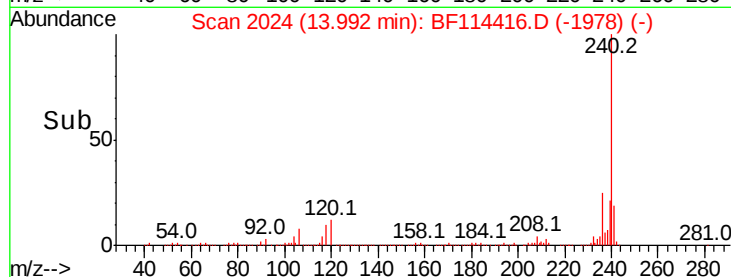
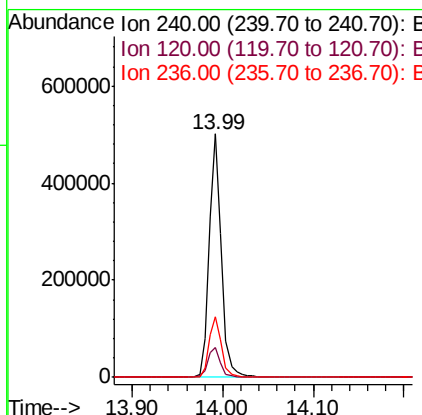
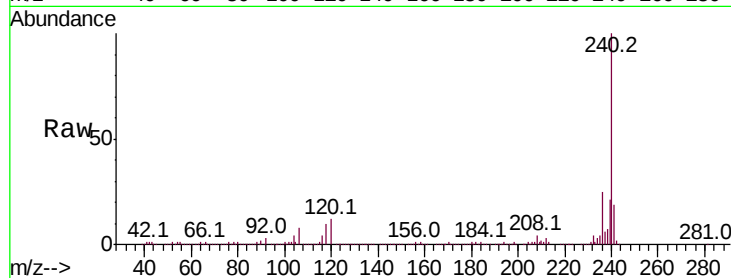




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

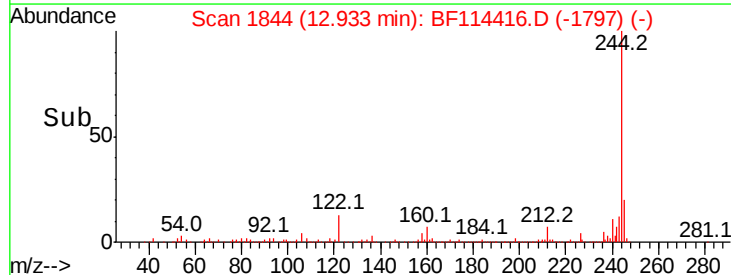
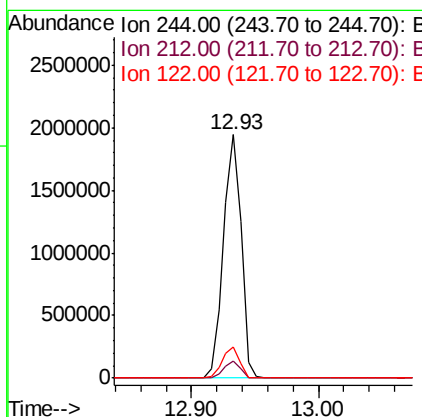
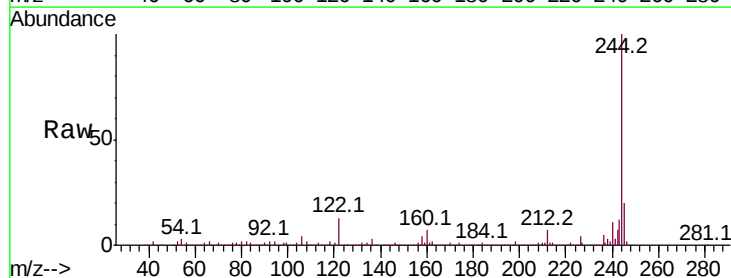
Instrument :
 BNA_F
 ClientSampleId :

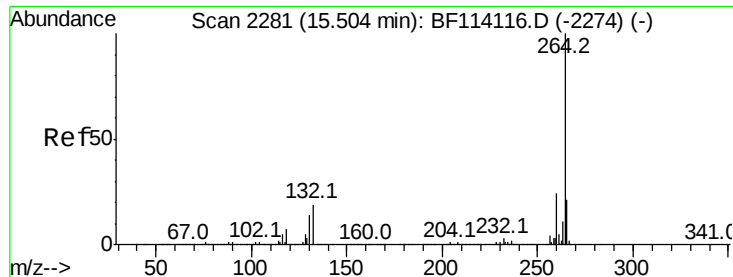
Tot Ion:240 Resp: 476067
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 25.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 82.608 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114416.D
 Acq: 19 May 2019 3:38

Tgt Ion:244 Resp: 1907754
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.8 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.5	16.9	25.3

