

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116913.D
 Acq On : 9 Sep 2019 22:46
 Operator : HP/JU
 Sample : K4752-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Sep 10 03:04:16 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

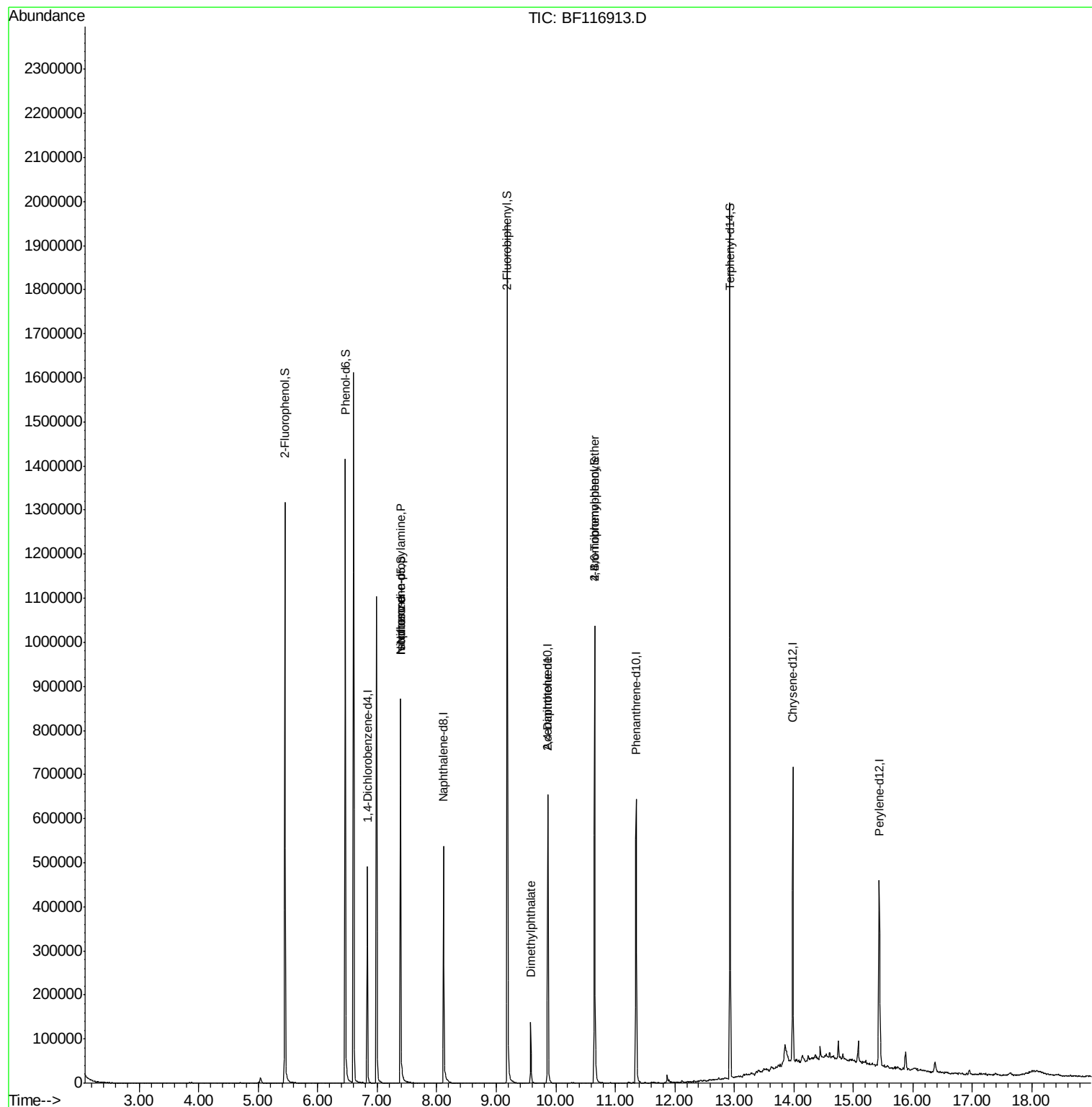
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71546	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	284873	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	147383	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	261968	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	210769	20.00	ng	-0.02
87) Perylene-d12	15.43	264	201329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	378508	85.71	ng	-0.01
7) Phenol-d6	6.46	99	513604	88.57	ng	-0.02
23) Nitrobenzene-d5	7.39	82	316327	63.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	114695	116.41	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	590551	67.59	ng	-0.02
79) Terphenyl-d14	12.93	244	653467	57.36	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	40735	10.668	ng	# 72
25) Isophorone	7.39	82	316324	31.283	ng	# 66
50) Dimethylphthalate	9.58	163	67237	6.608	ng	100
57) 2,4-Dinitrotoluene	9.87	165	19456	8.196	ng	# 21
67) 4-Bromophenyl-phenylether	10.65	248	7935	2.982	ng	# 1

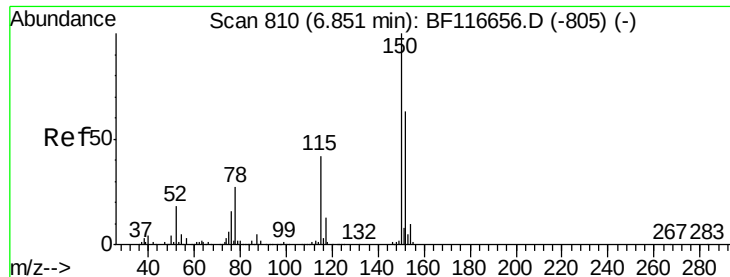
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
Data File : BF116913.D
Acq On : 9 Sep 2019 22:46
Operator : HP/JU
Sample : K4752-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Quant Time: Sep 10 03:04:16 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



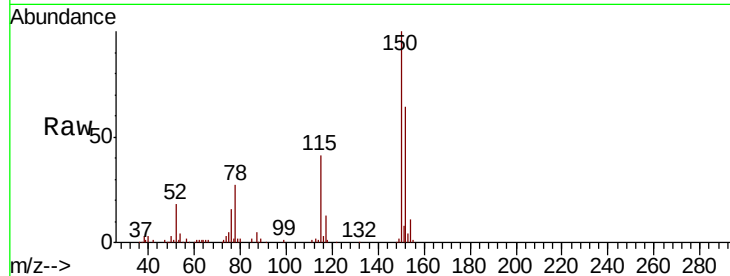


#1

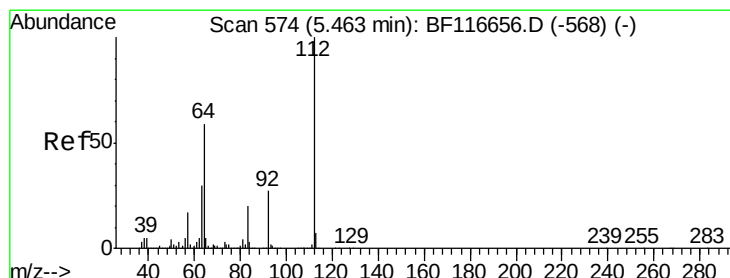
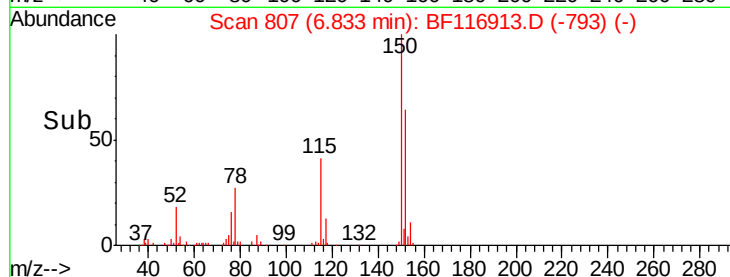
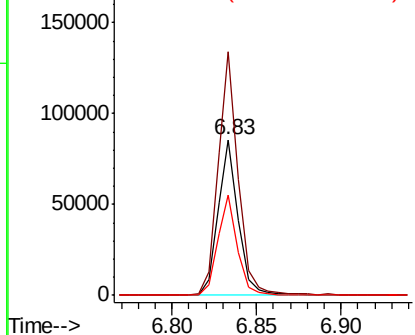
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion:152 Resp: 71546
Ion Ratio Lower Upper
152 100
150 156.7 124.4 186.6
115 64.7 49.9 74.9



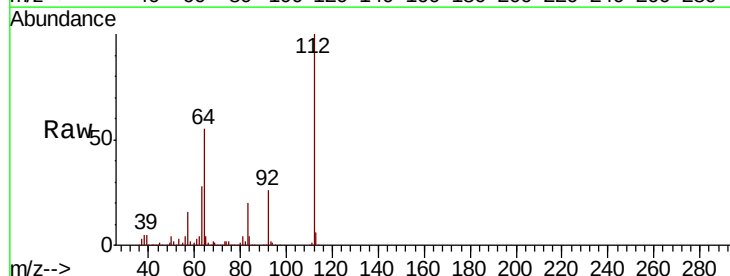
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



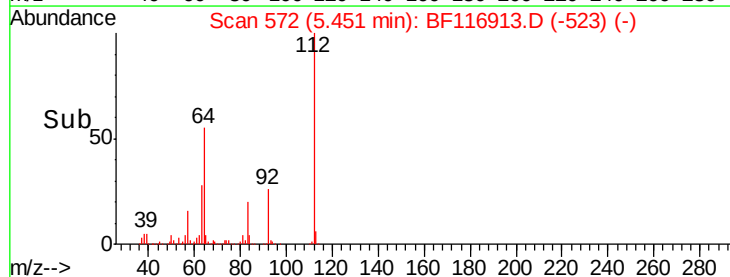
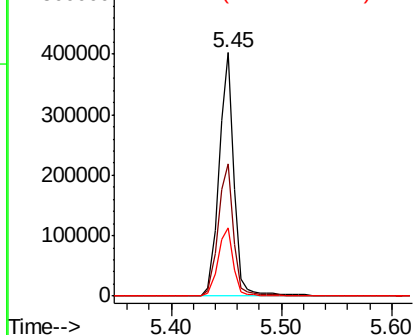
#5

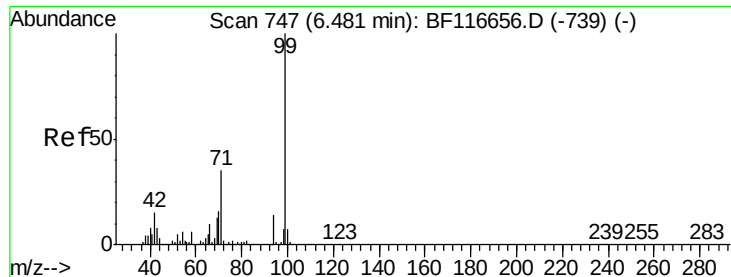
2-Fluorophenol
Concen: 85.708 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

Tgt Ion:112 Resp: 378508
Ion Ratio Lower Upper
112 100
64 54.5 47.1 70.7
63 28.2 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: 88.567 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

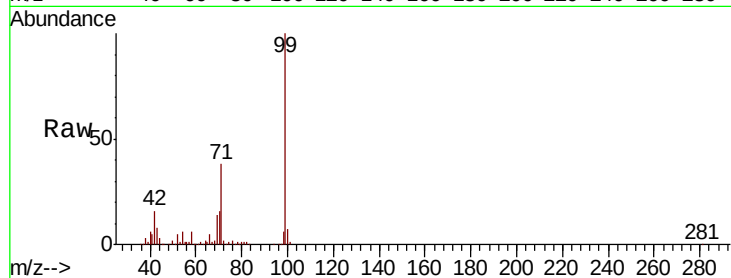
Tgt Ion: 99 Resp: 513604

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

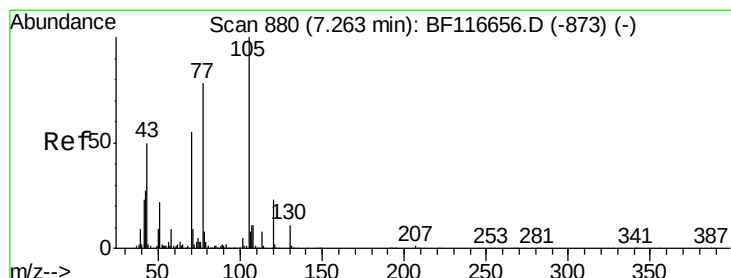
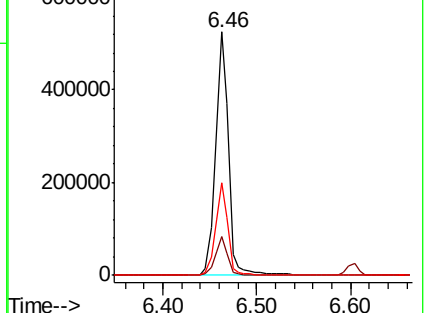
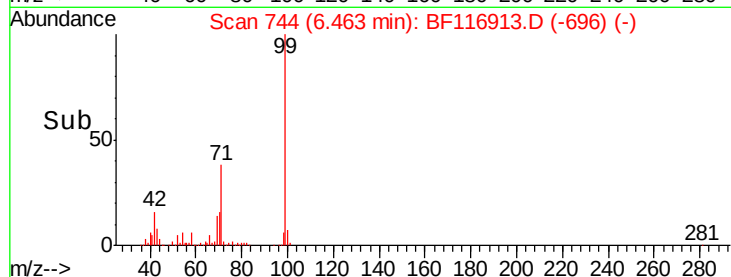
71 37.9 30.8 46.2



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: 10.668 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

Tgt Ion: 70 Resp: 40735

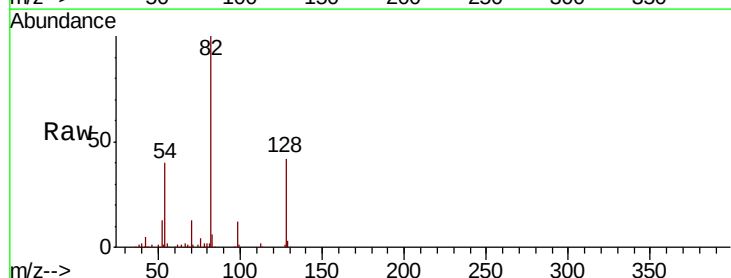
Ion Ratio Lower Upper

70 100

42 37.7 43.5 65.3#

101 0.0 7.8 11.6#

130 2.0 16.6 24.8#

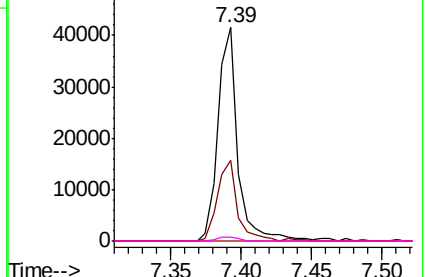
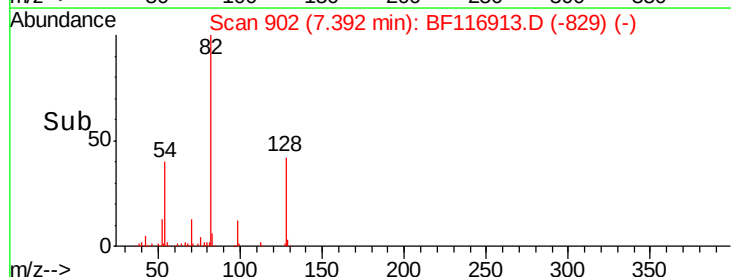


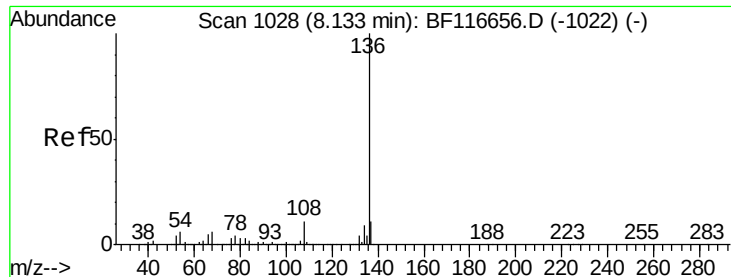
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

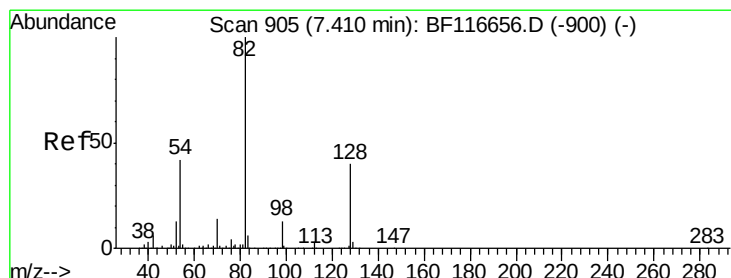
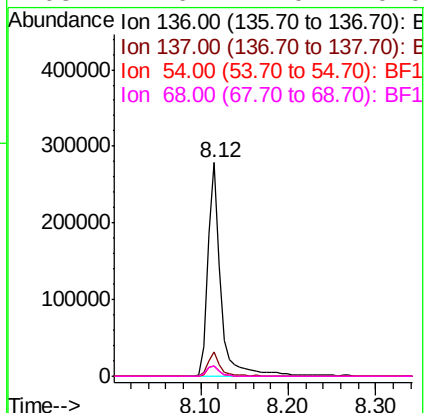
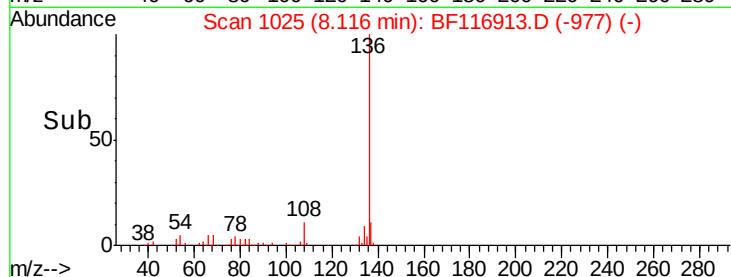
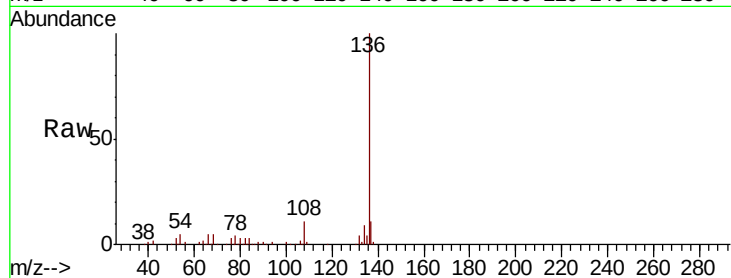




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

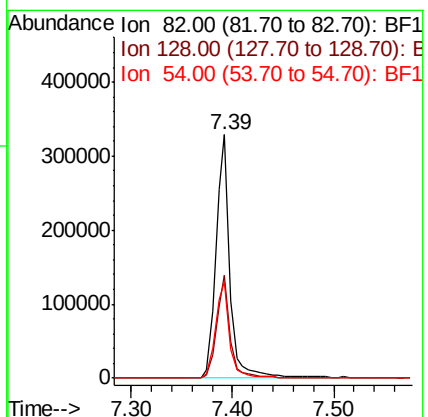
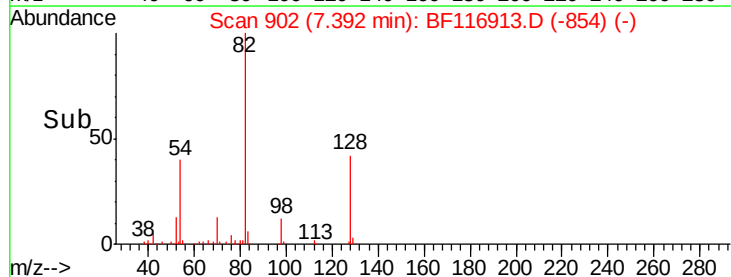
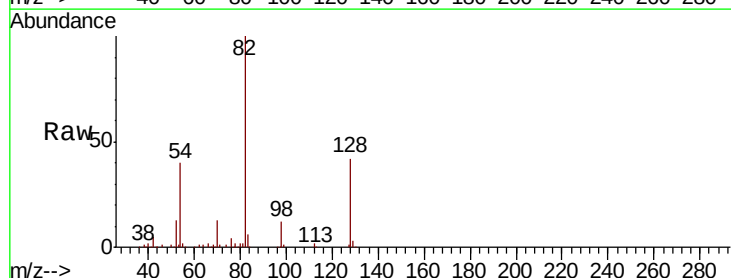
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

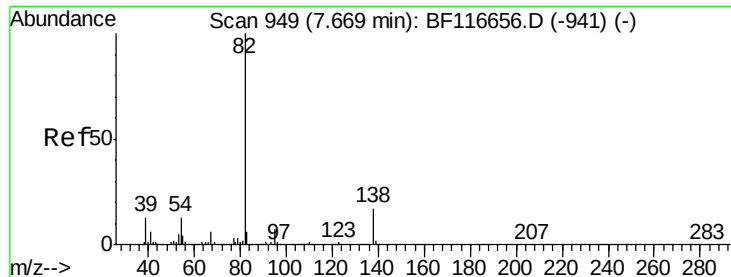
Tgt Ion:	136	Resp:	284873
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	4.8	4.8	7.2
68	4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 63.391 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

Tgt Ion:	82	Resp:	316327
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	39.5	36.9	55.3





#25

Isophorone

Concen: 31.283 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

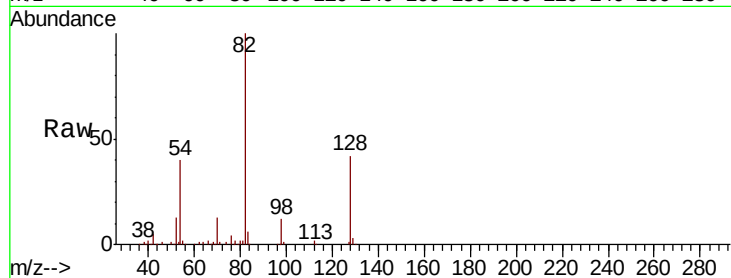
Tgt Ion: 82 Resp: 316324

Ion Ratio Lower Upper

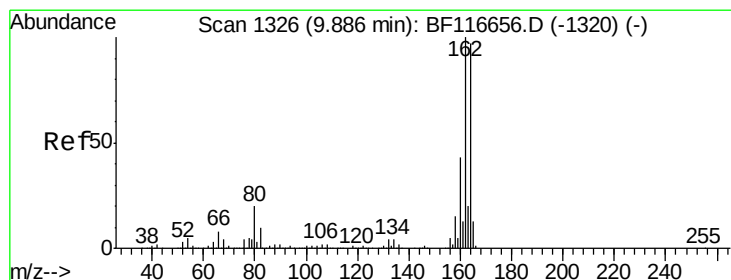
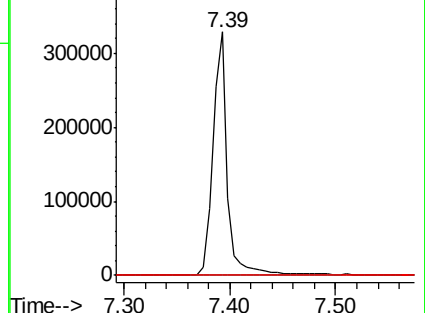
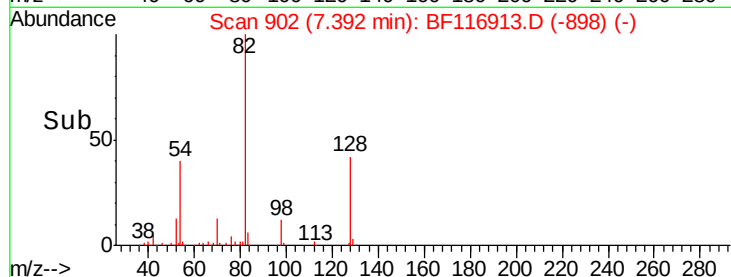
82 100

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

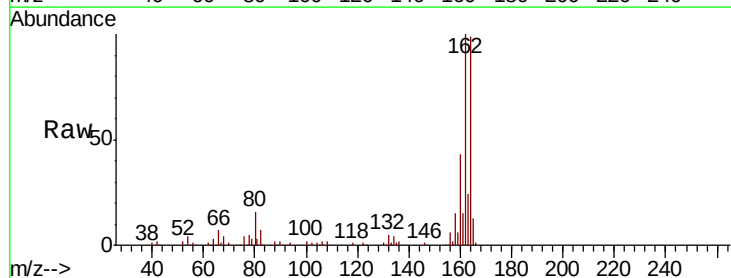
Tgt Ion: 164 Resp: 147383

Ion Ratio Lower Upper

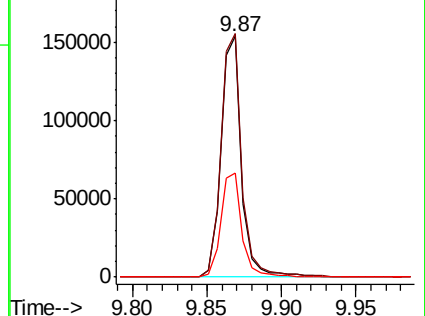
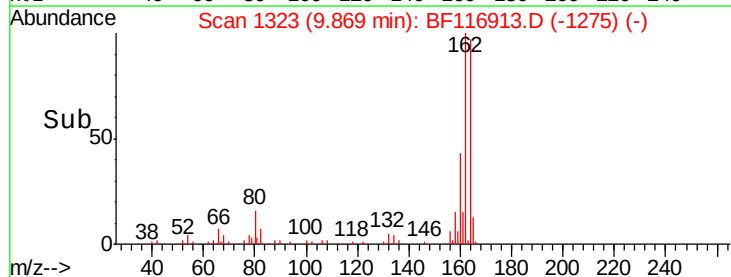
164 100

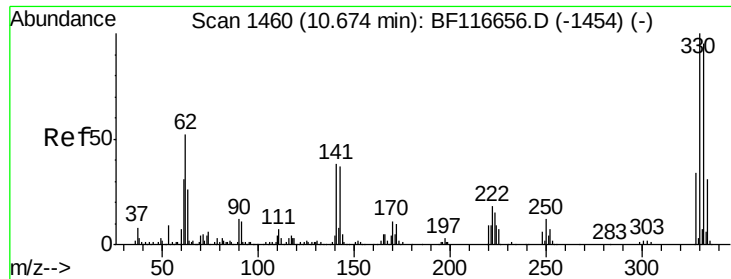
162 101.0 81.4 122.0

160 43.0 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: 116.408 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

Instrument :

BNA_F

ClientSampled :

SB-16-COMP

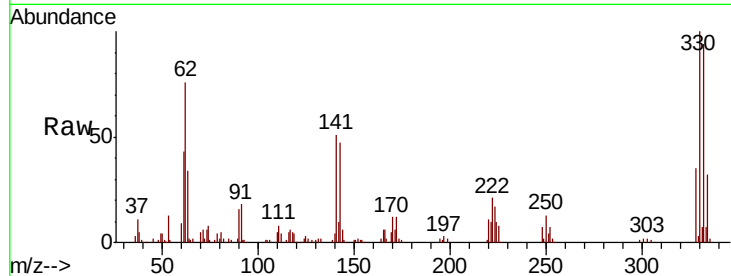
Tgt Ion:330 Resp: 114695

Ion Ratio Lower Upper

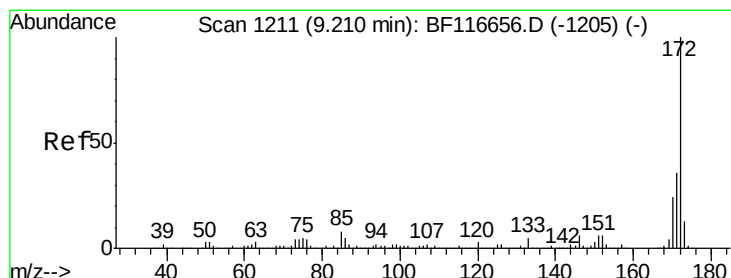
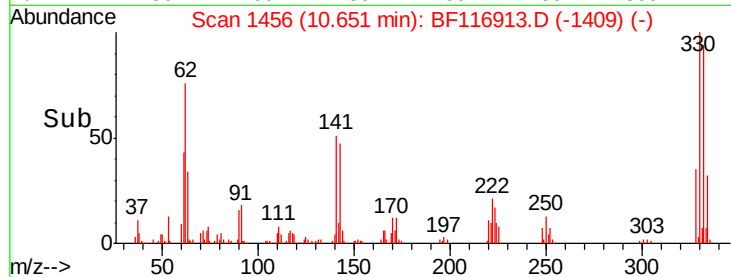
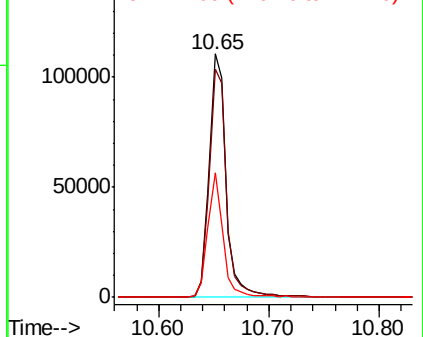
330 100

332 96.0 76.9 115.3

141 46.0 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: 67.592 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116913.D

Acq: 9 Sep 2019 22:46

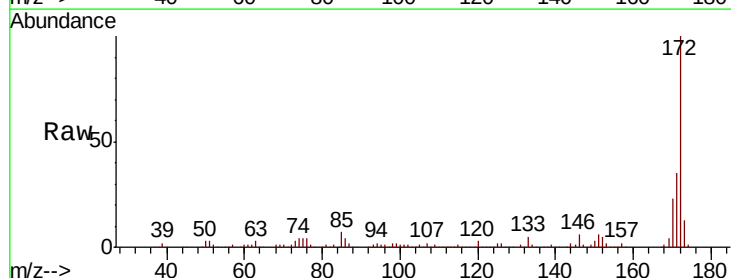
Tgt Ion:172 Resp: 590551

Ion Ratio Lower Upper

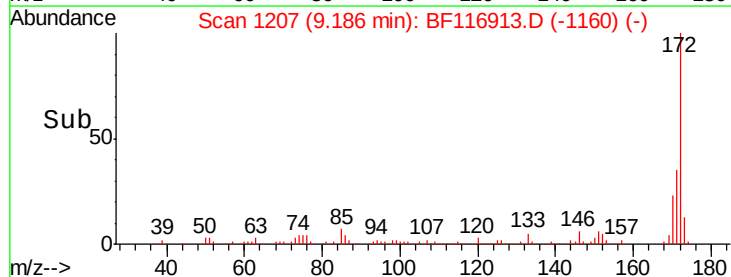
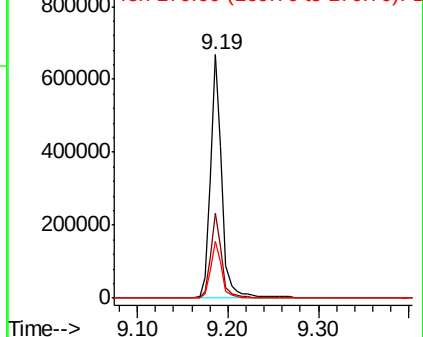
172 100

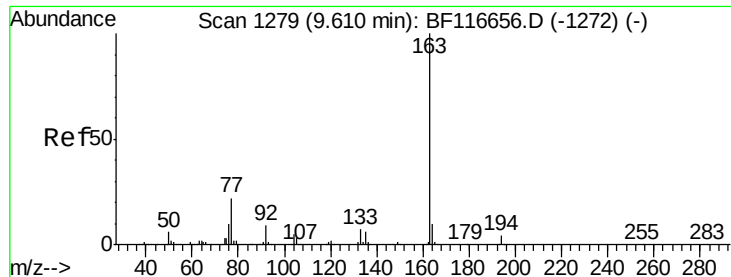
171 34.6 27.8 41.6

170 23.3 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

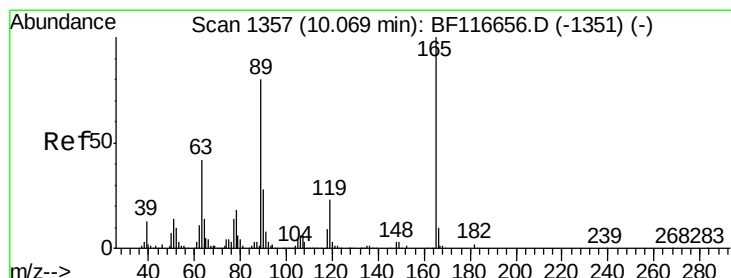
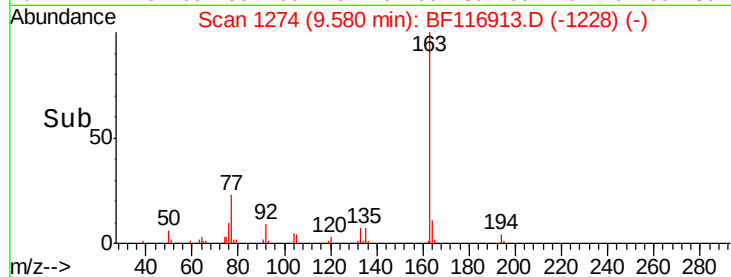
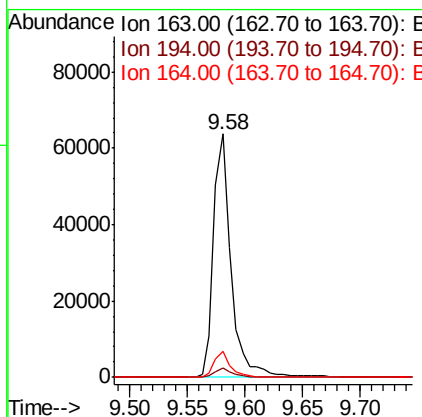
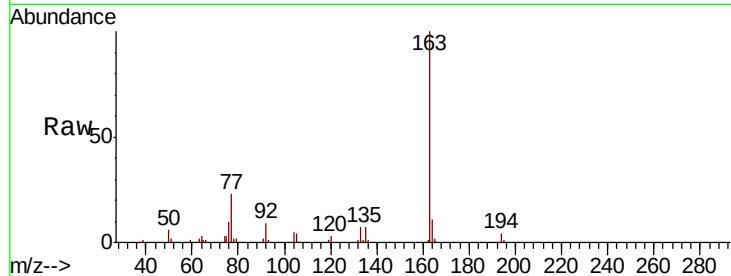




#50
Dimethylphthalate
Concen: 6.608 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

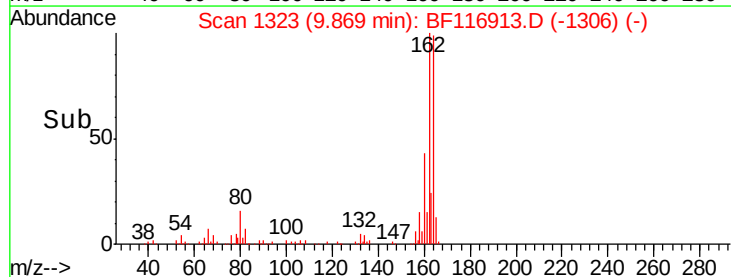
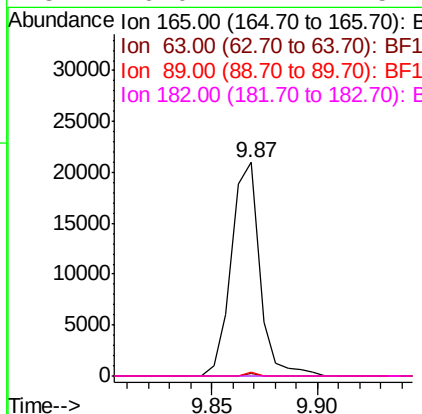
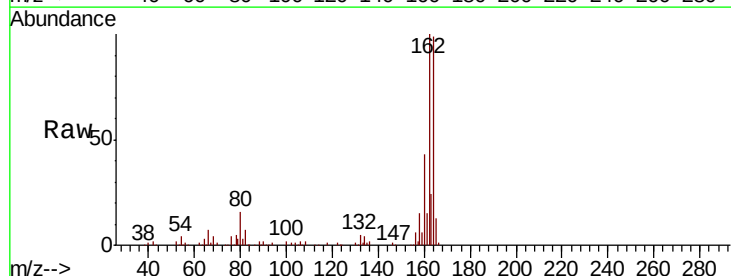
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

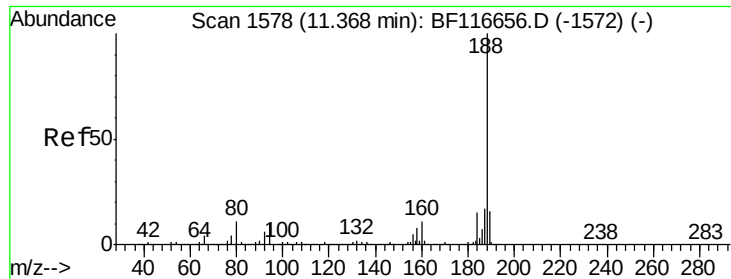
Tgt Ion:163 Resp: 67237
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.7 8.6 12.8



#57
2,4-Dinitrotoluene
Concen: 8.196 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.20 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

Tgt Ion:165 Resp: 19456
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.5 62.6 94.0#
182 0.0 2.1 3.1#

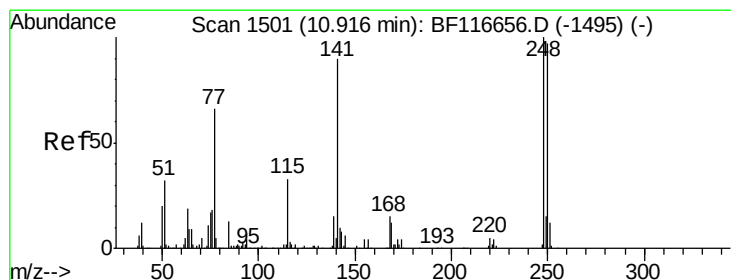
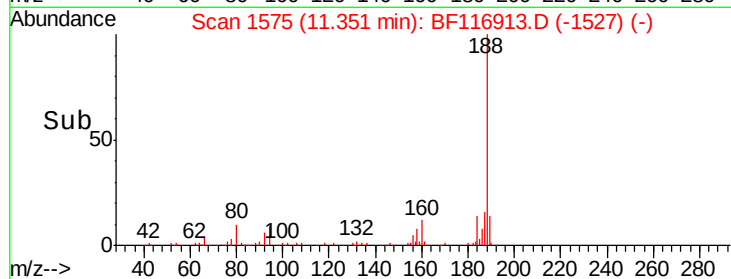
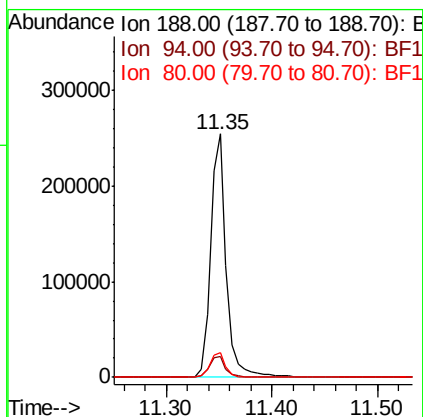
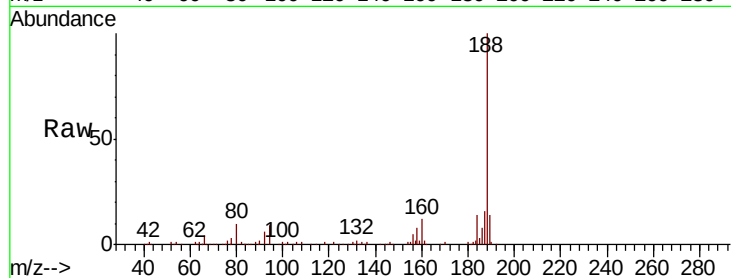




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116913.D
 Acq: 9 Sep 2019 22:46

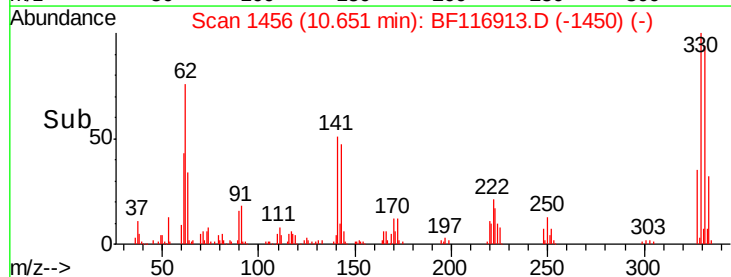
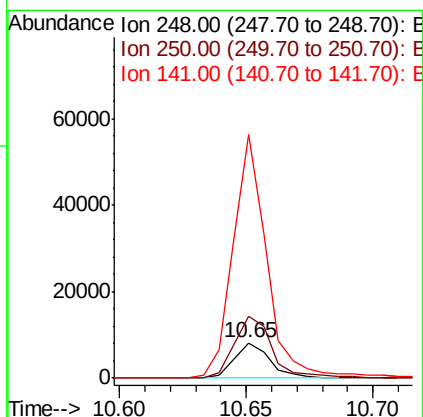
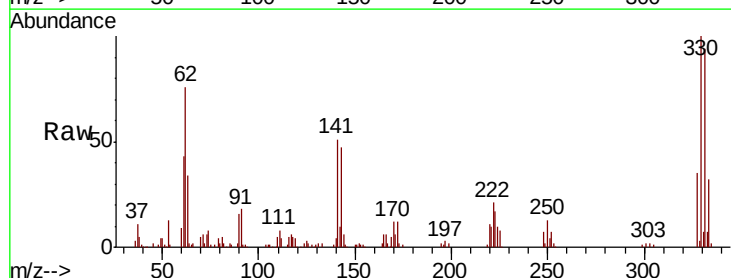
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

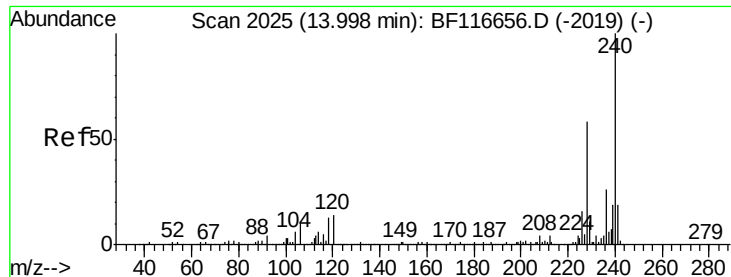
Tgt Ion:188 Resp: 261968
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.3 10.9
 80 10.1 8.4 12.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.982 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.26 min
 Lab File: BF116913.D
 Acq: 9 Sep 2019 22:46

Tgt Ion:248 Resp: 7935
 Ion Ratio Lower Upper
 248 100
 250 173.2 77.8 116.8#
 141 688.1 75.9 113.9#

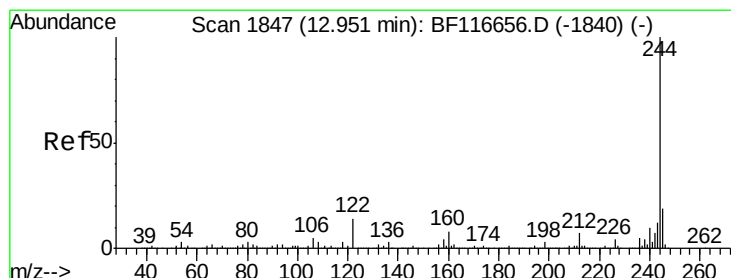
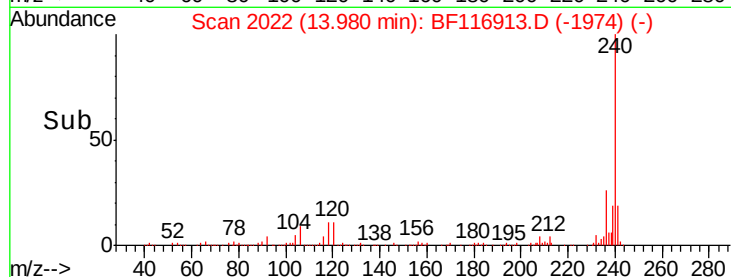
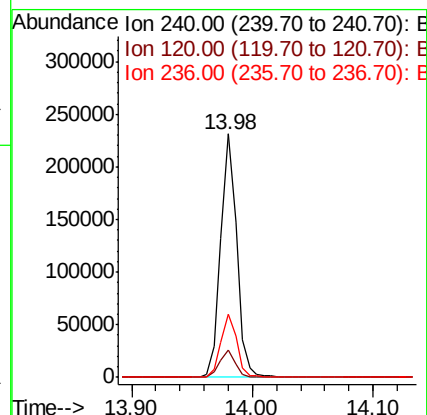
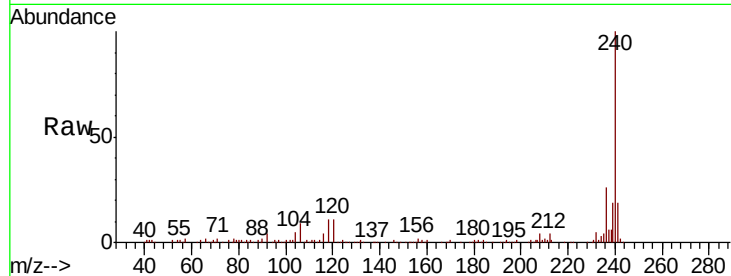




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

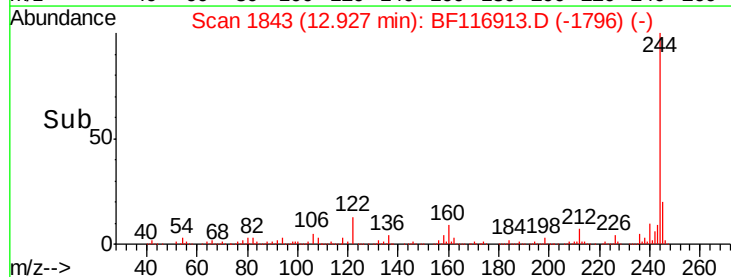
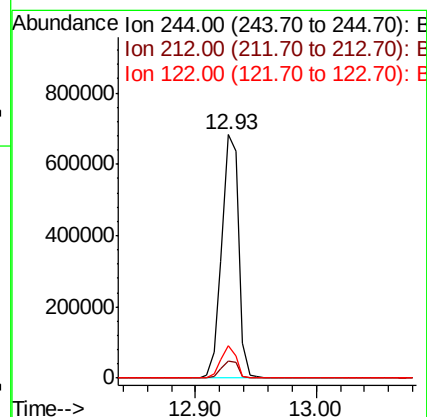
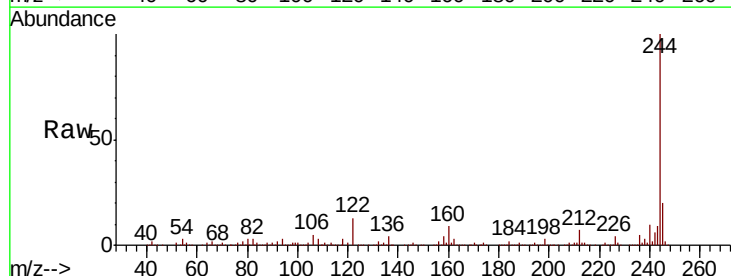
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

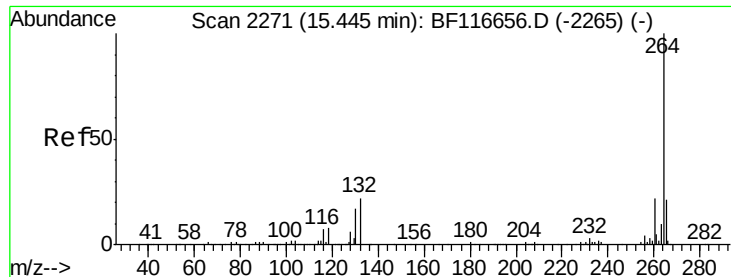
Tgt Ion:240 Resp: 210769
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 26.1 21.1 31.7



#79
Terphenyl-d14
Concen: 57.355 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

Tgt Ion:244 Resp: 653467
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.5 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: BF116913.D
Acq: 9 Sep 2019 22:46

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	20.0	16.5	24.7

