

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 03:56:13 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

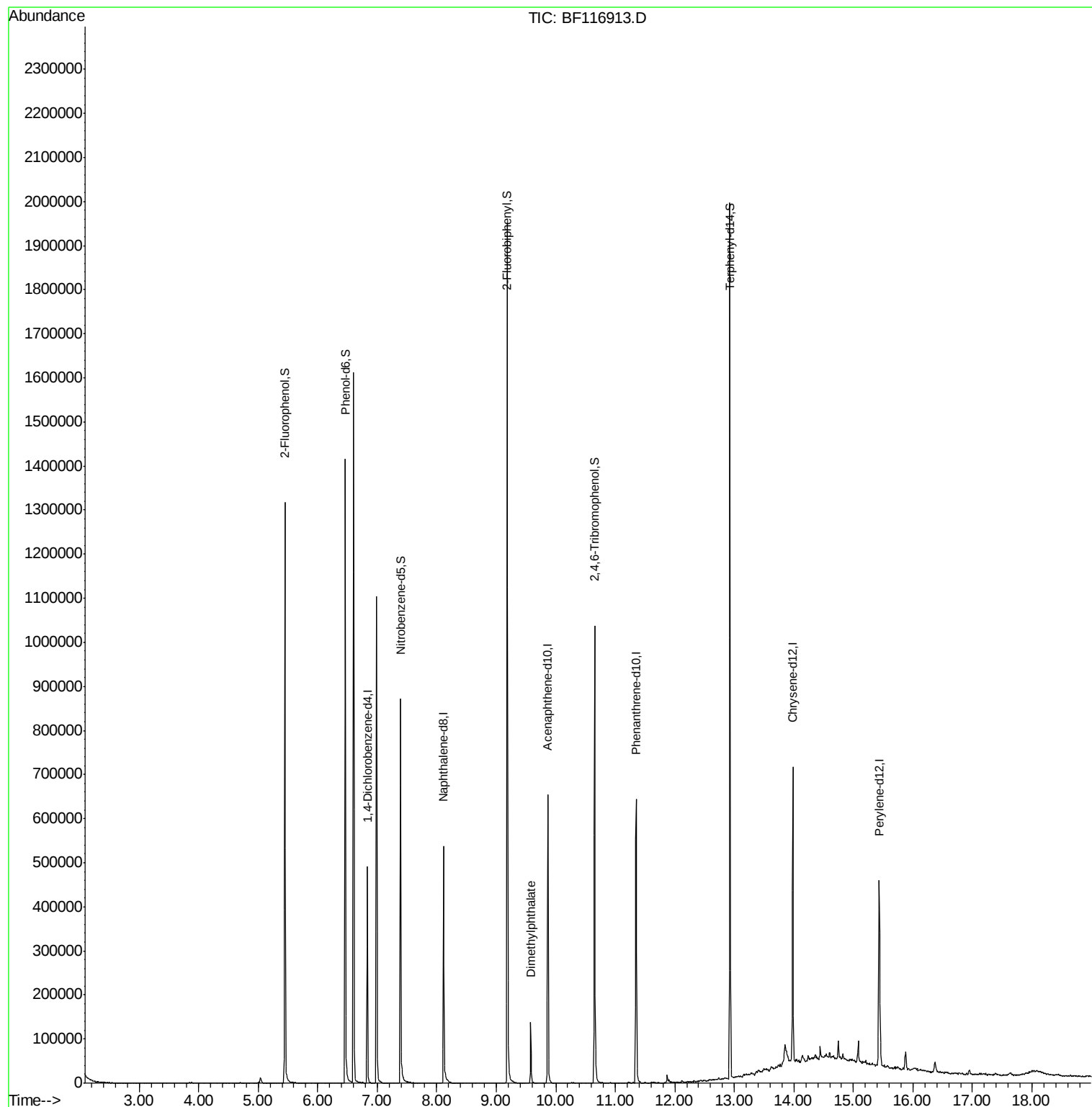
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71546	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	284873	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	147383	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	261968	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	210769	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						
50) Dimethylphthalate	9.58	163	67237	6.608	ng	Qvalue 100

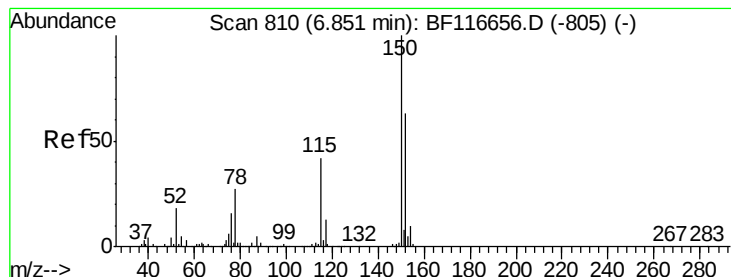
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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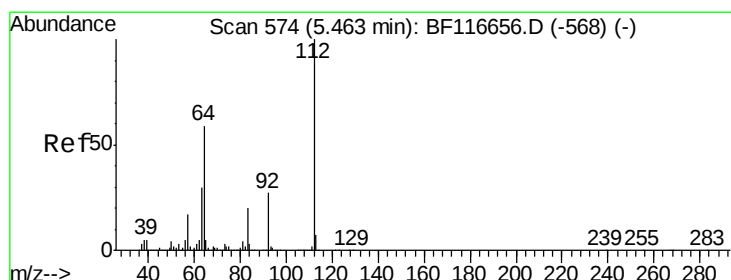
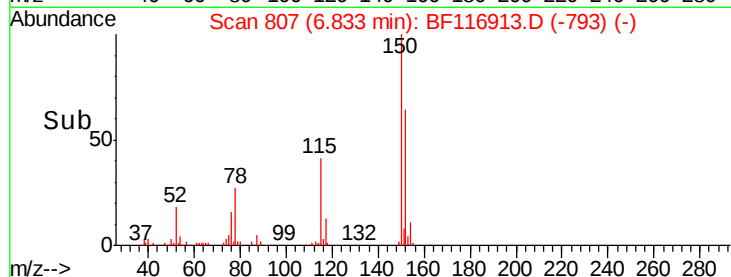
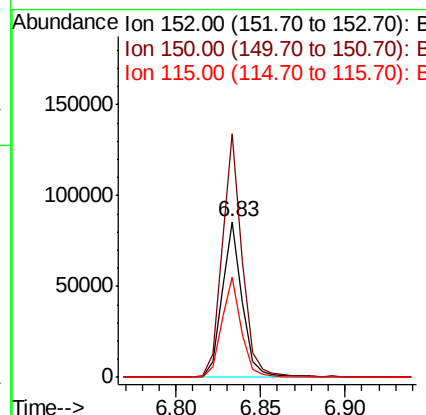
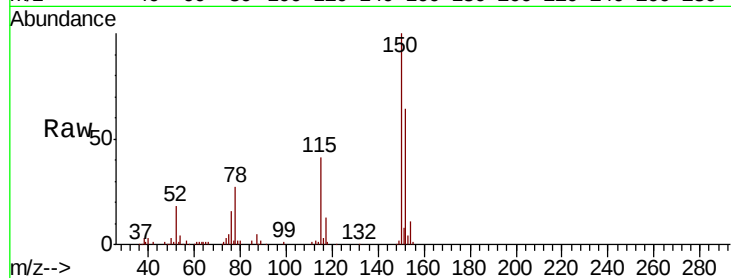


#1

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

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

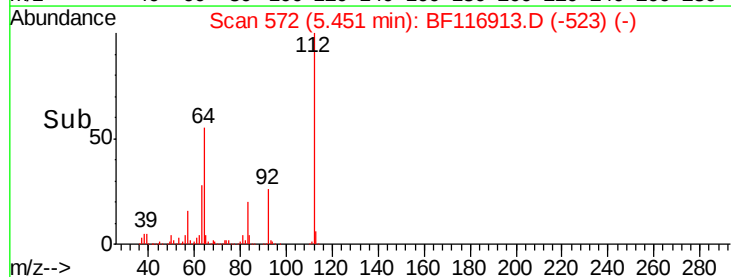
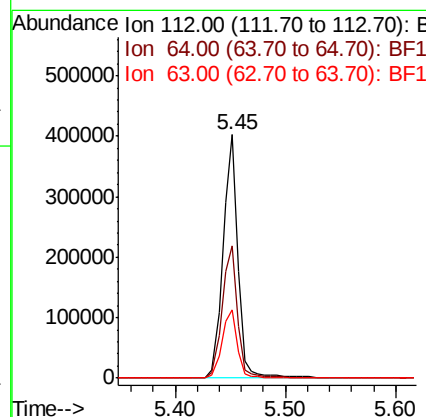
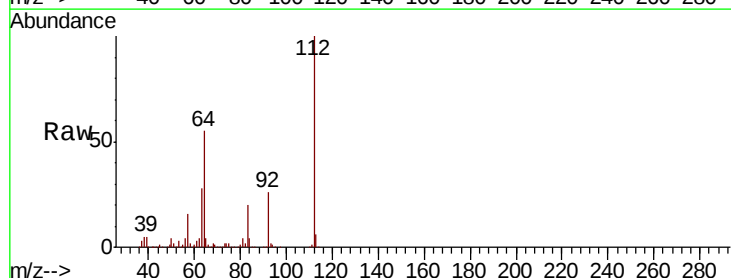
Tot Ion:152 Resp: 71546
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.4 186.6
 115 64.7 49.9 74.9



#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





#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

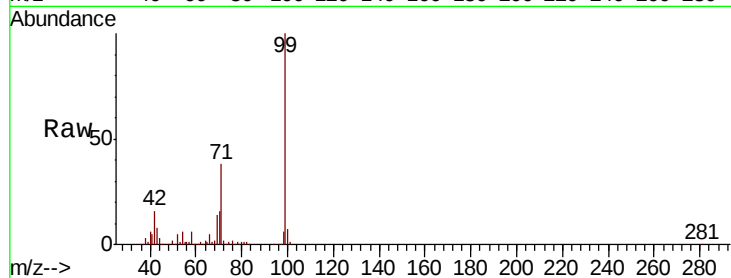
Tot Ion: 99 Resp: 513604

Ion Ratio Lower Upper

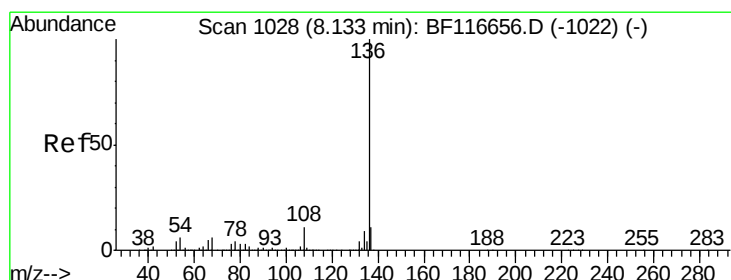
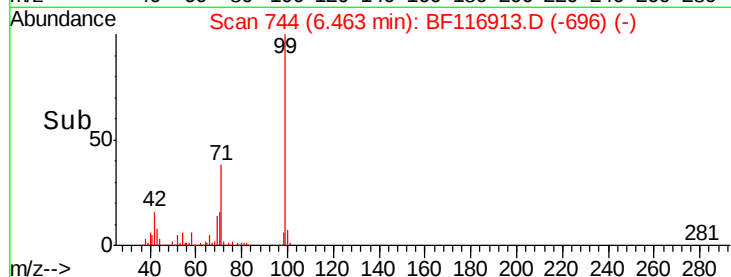
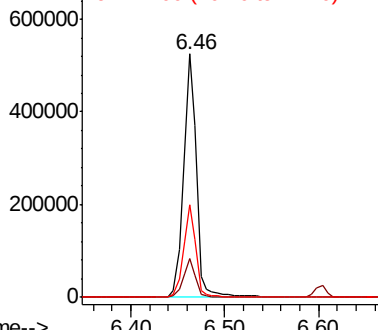
99 100

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



#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

Tgt Ion: 136 Resp: 284873

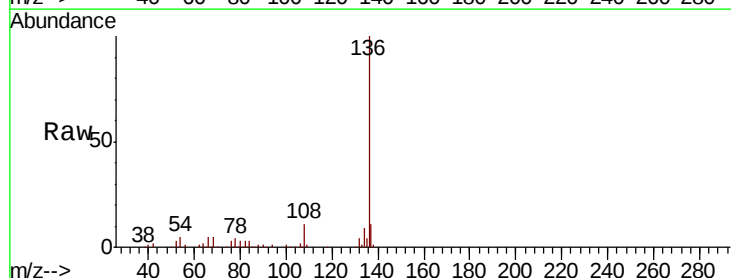
Ion Ratio Lower Upper

136 100

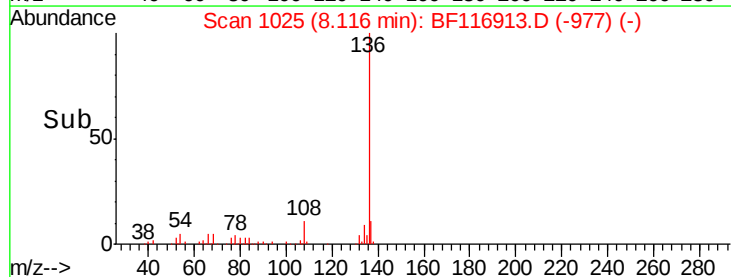
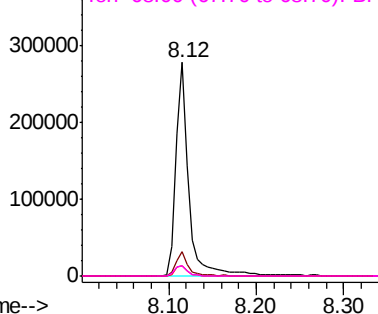
137 11.5 8.9 13.3

54 4.8 4.8 7.2

68 4.6 4.0 6.0



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

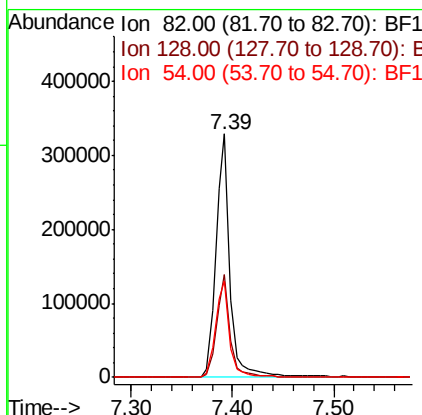
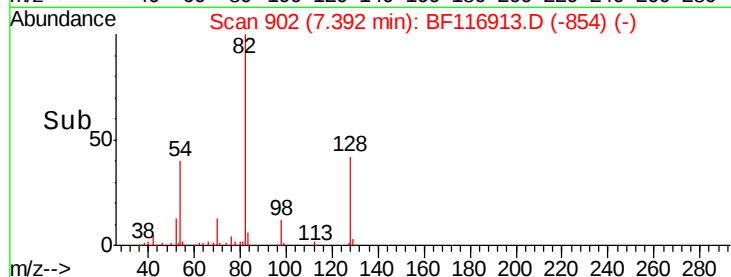
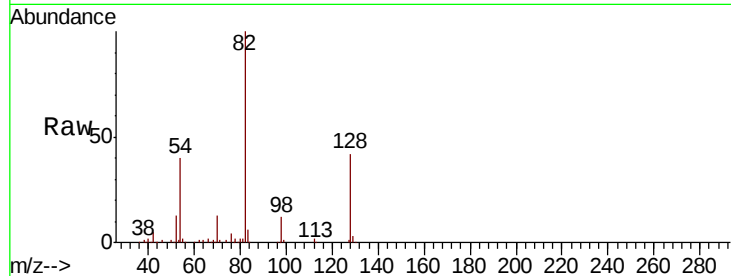




#23
 Nitrobenzene-d5
 Concen: 63.391 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116913.D
 Acq: 9 Sep 2019 22:46

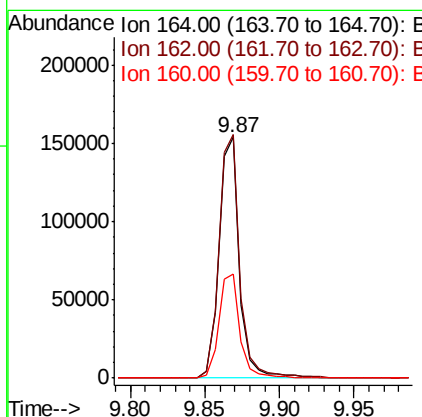
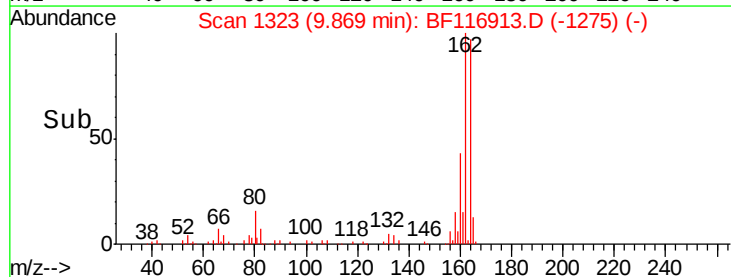
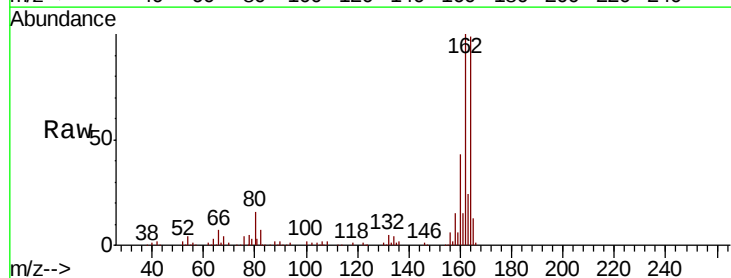
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

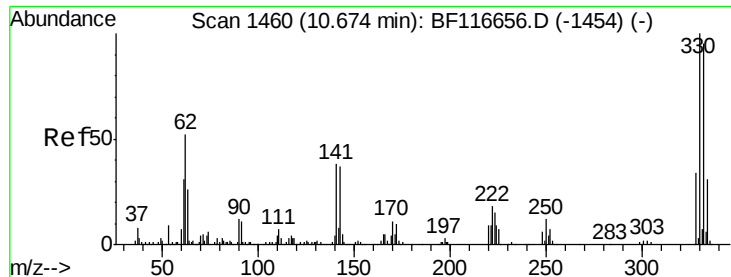
Tot Ion	82	Resp	316327
Ion Ratio	Lower	Upper	
82	100		
128	42.1	32.8	49.2
54	39.5	36.9	55.3



#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

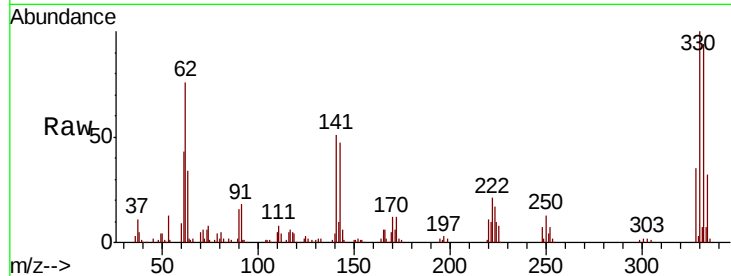




#42
 2,4,6-Tribromophenol
 Concen: 116.408 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116913.D
 Acq: 9 Sep 2019 22:46

Instrument :
 BNA_F
 ClientSampled :
 SB-16-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	46.0	31.4	47.2

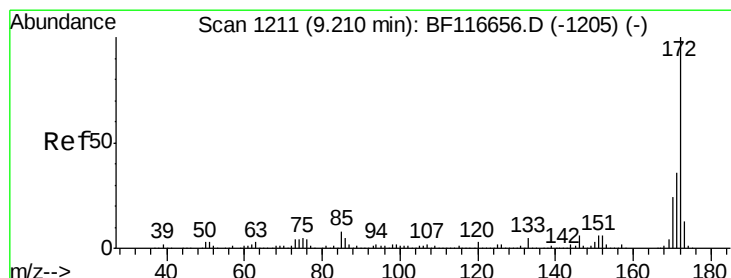
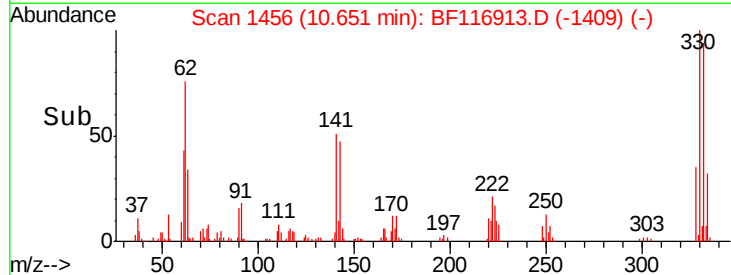
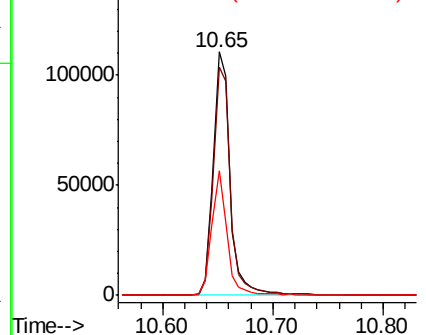


Abundance

Ion 329.80 (329.50 to 330.50): E

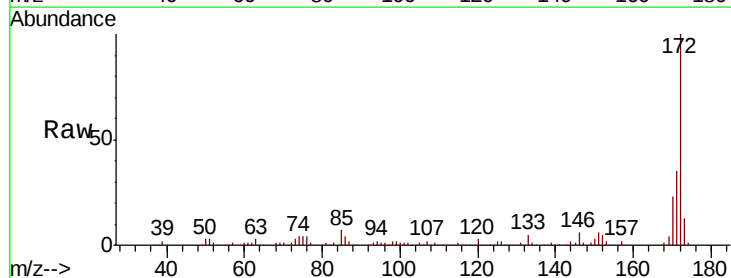
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.3	18.9	28.3

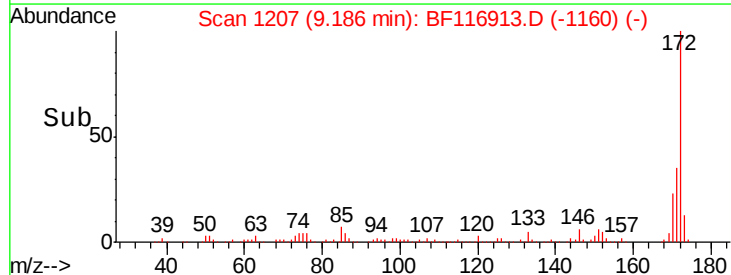
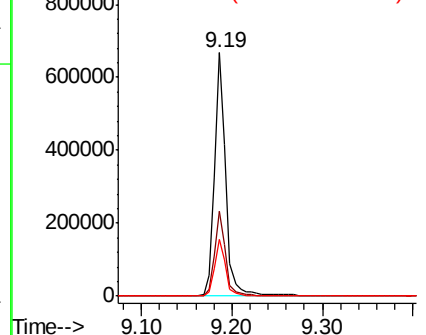


Abundance

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

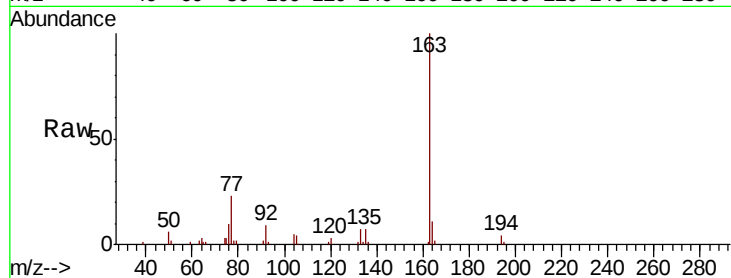
Tot Ion:163 Resp: 67237

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

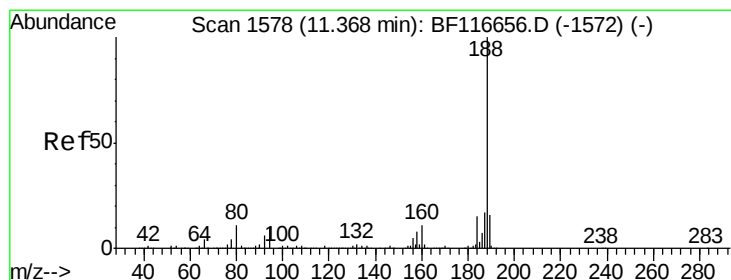
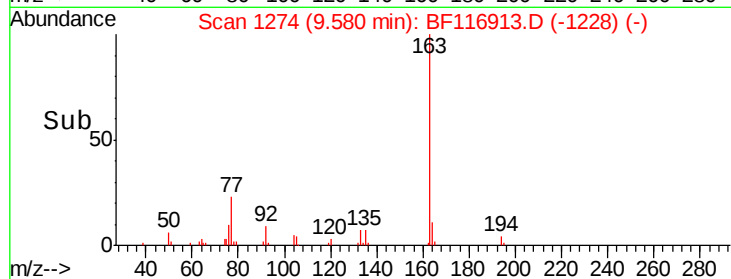
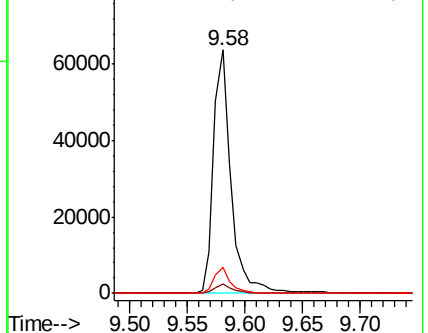
164 10.7 8.6 12.8



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



#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

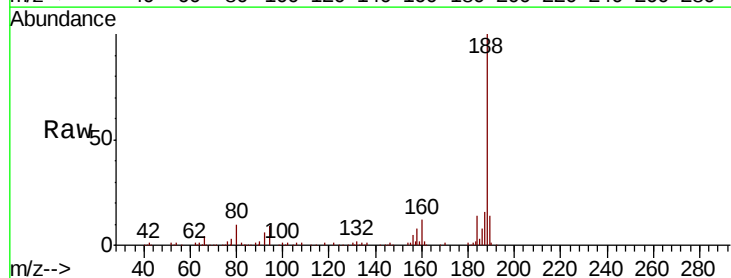
Tgt Ion:188 Resp: 261968

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

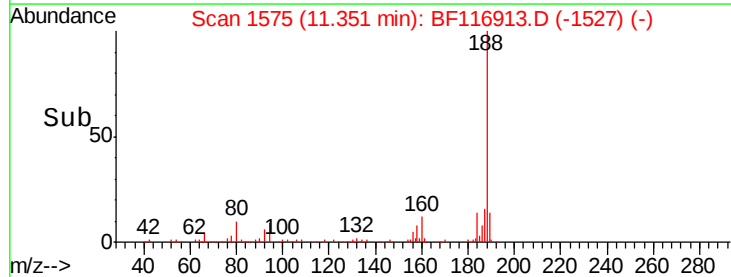
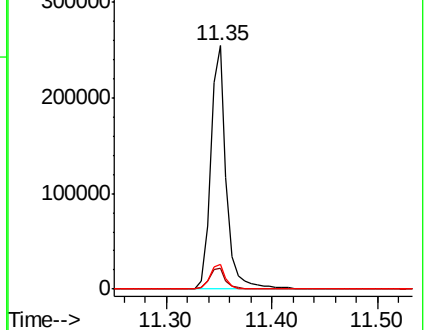
80 10.1 8.4 12.6



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

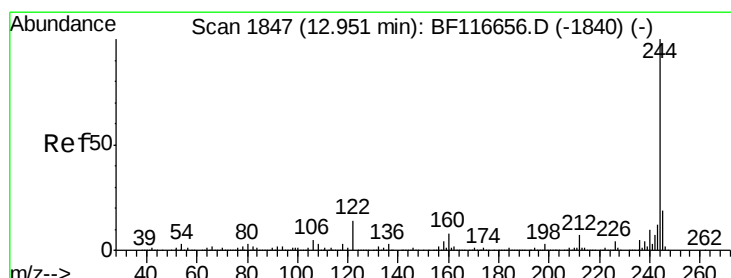
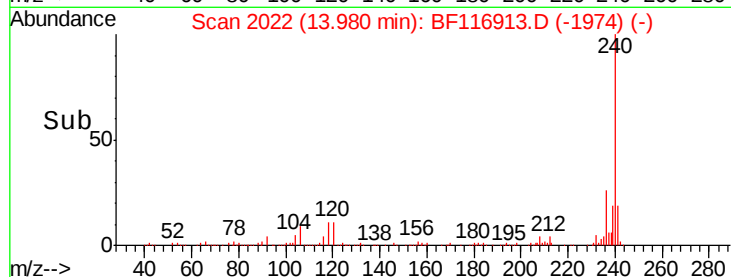
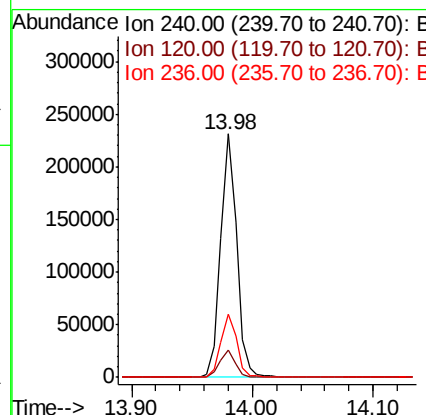
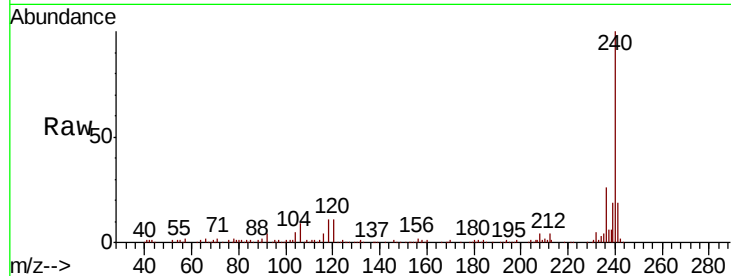




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116913.D
Acq: 9 Sep 2019 22:46

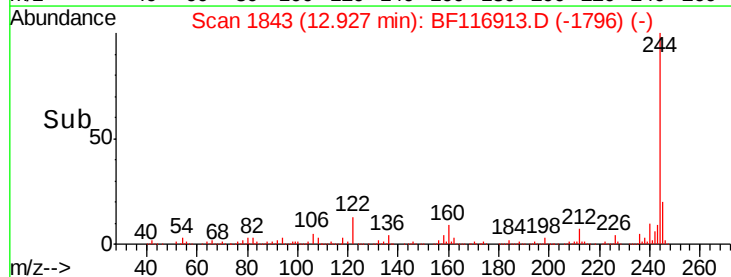
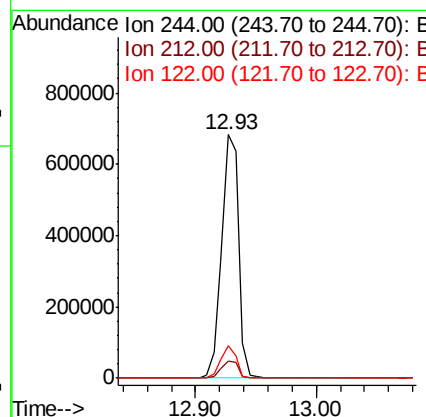
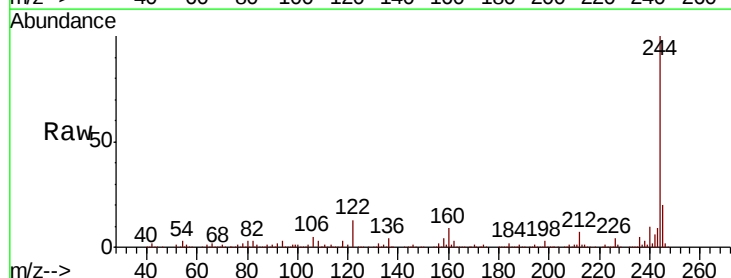
Instrument :
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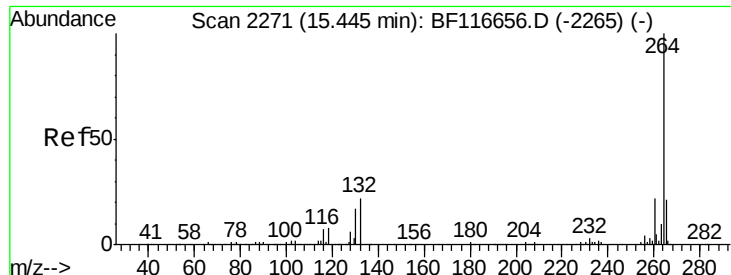
Tot Ion:240 Resp: 210769
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 26.1 21.1 31.7



#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
 Pervlene-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

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

