

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116911.D
 Acq On : 9 Sep 2019 21:53
 Operator : HP/JU
 Sample : K4752-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Quant Time: Sep 10 03:52:00 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

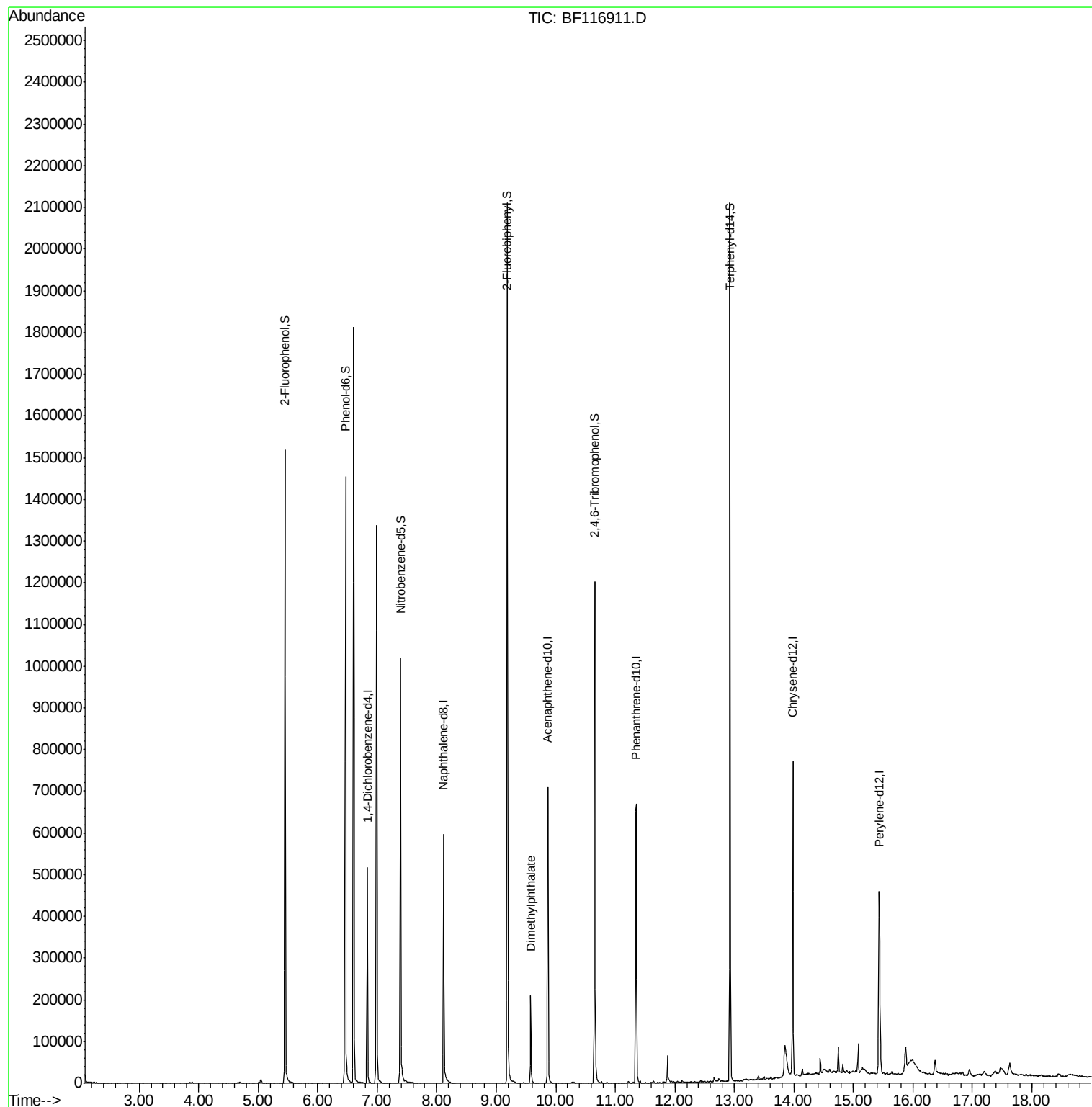
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74199	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	299034	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	158738	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	273991	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	229304	20.00	ng	-0.02
87) Perylene-d12	15.43	264	213001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	419928	91.69	ng	-0.01
7) Phenol-d6	6.47	99	575527	95.70	ng	-0.01
23) Nitrobenzene-d5	7.39	82	348239	66.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	130037	122.54	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	652030	69.29	ng	-0.02
79) Terphenyl-d14	12.93	244	708880	57.19	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	97220	8.871	ng	Qvalue 97

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

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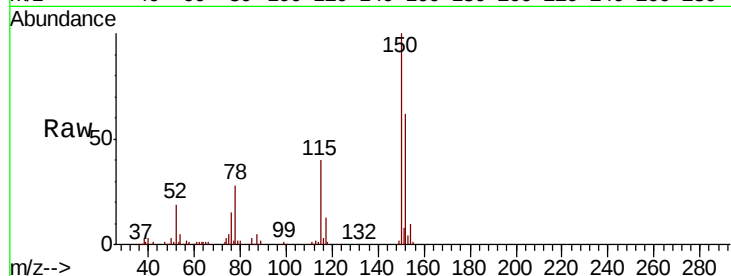


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.4	186.6
115	64.1	49.9	74.9

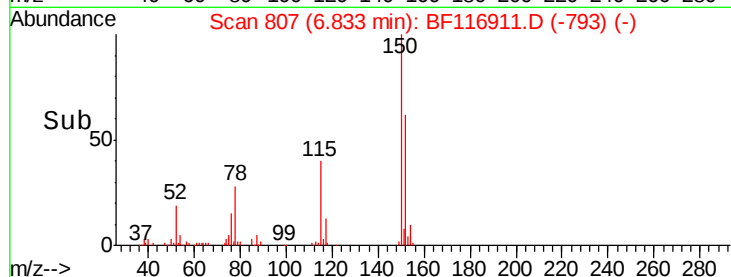
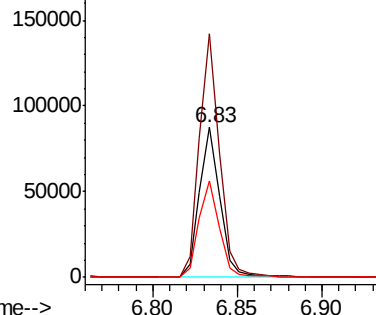


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

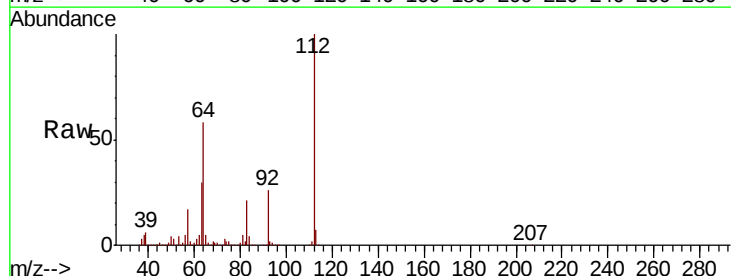
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.687 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.1	70.7
63	30.3	24.9	37.3

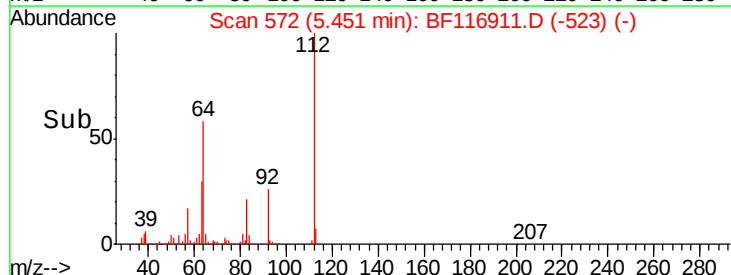
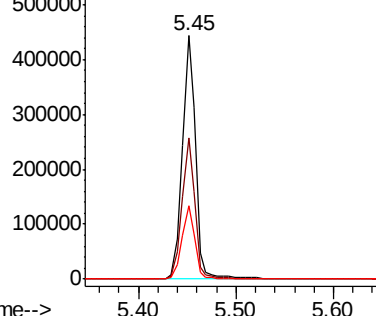


Abundance

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: 95.697 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

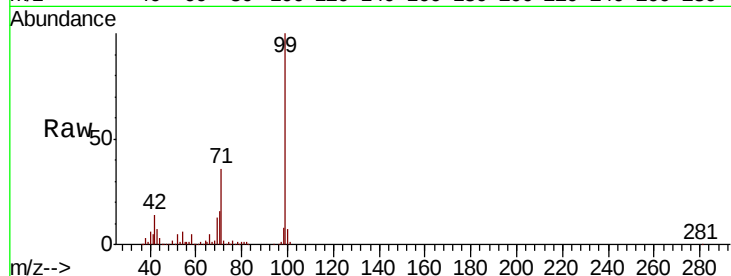
Tot Ion: 99 Resp: 575527

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

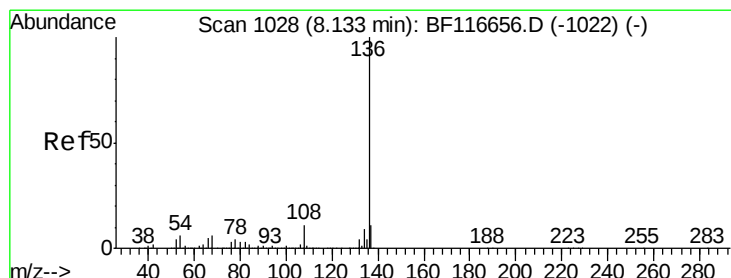
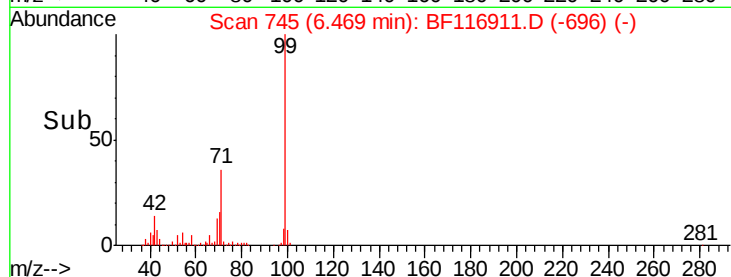
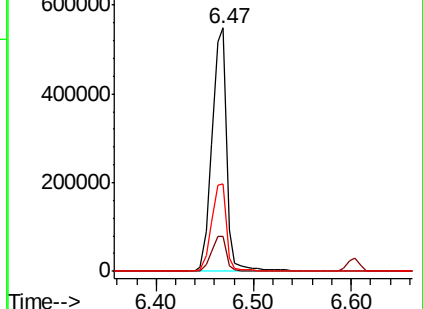
71 36.1 30.8 46.2



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: BF116911.D

Acq: 9 Sep 2019 21:53

Tgt Ion: 136 Resp: 299034

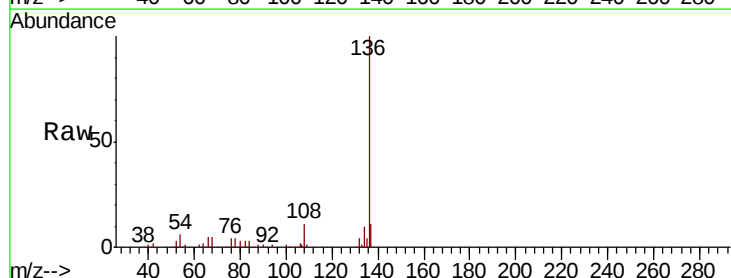
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.7 4.8 7.2

68 4.8 4.0 6.0

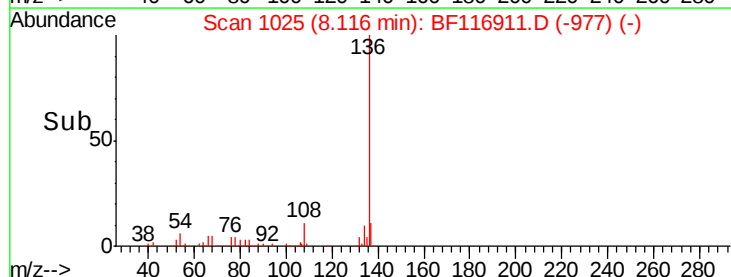
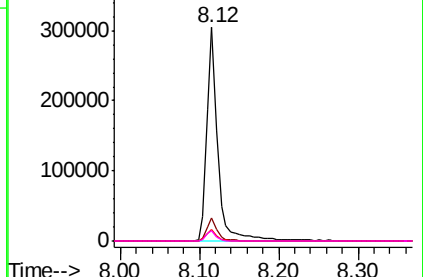


Abundance Ion 136.00 (135.70 to 136.70): E

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

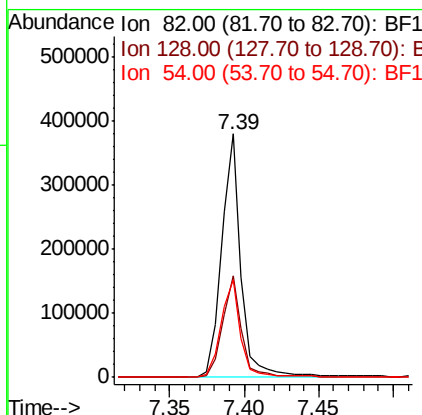
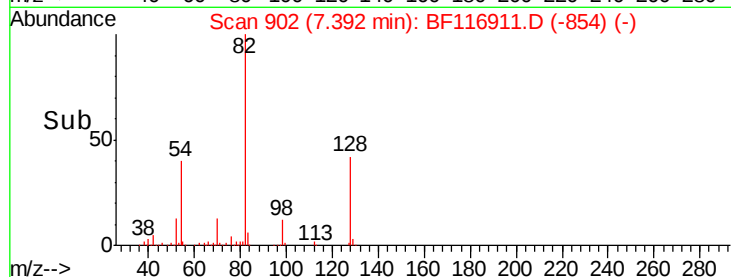
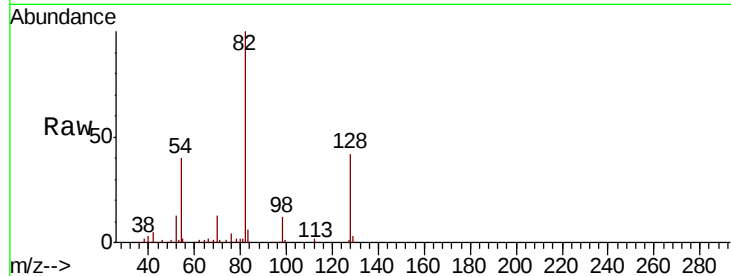




#23
 Nitrobenzene-d5
 Concen: 66.481 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116911.D
 Acq: 9 Sep 2019 21:53

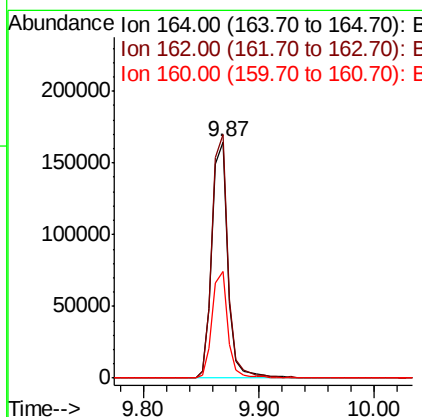
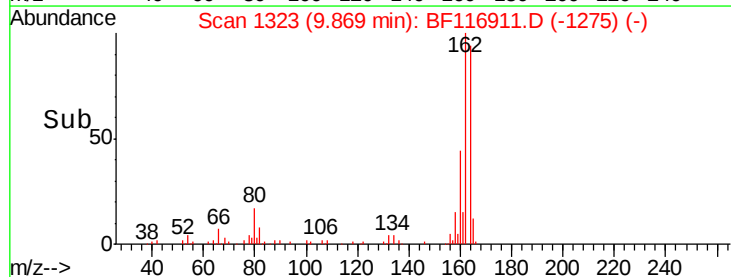
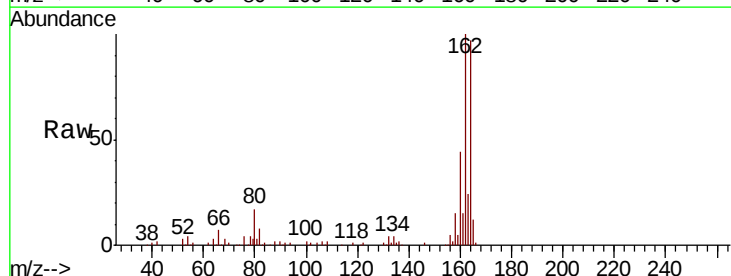
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMP

Tot Ion	82	Resp	348239
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.8	49.2
54	40.3	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: BF116911.D
 Acq: 9 Sep 2019 21:53

Tgt Ion	164	Resp	158738
Ion Ratio	Lower	Upper	
164	100		
162	103.1	81.4	122.0
160	45.4	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 122.538 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

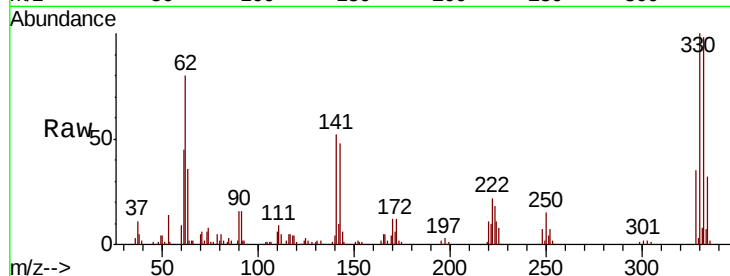
Tot Ion:330 Resp: 130037

Ion Ratio Lower Upper

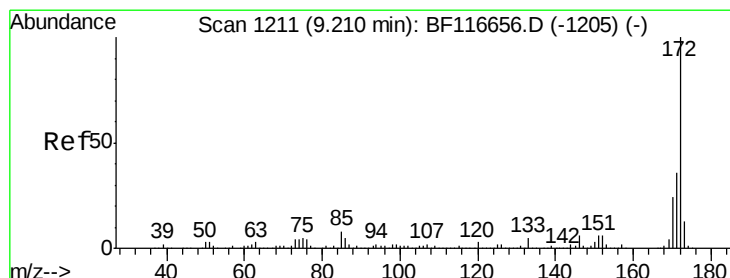
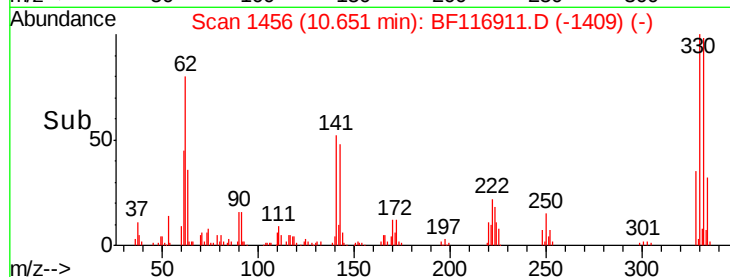
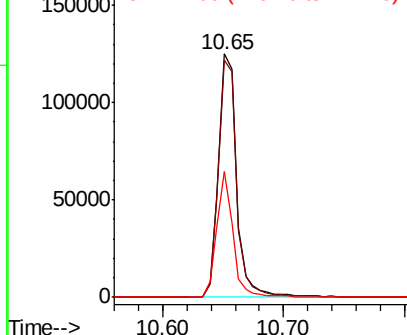
330 100

332 97.9 76.9 115.3

141 45.9 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: 69.291 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

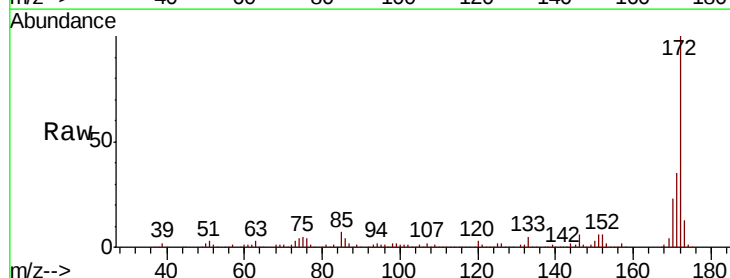
Tgt Ion:172 Resp: 652030

Ion Ratio Lower Upper

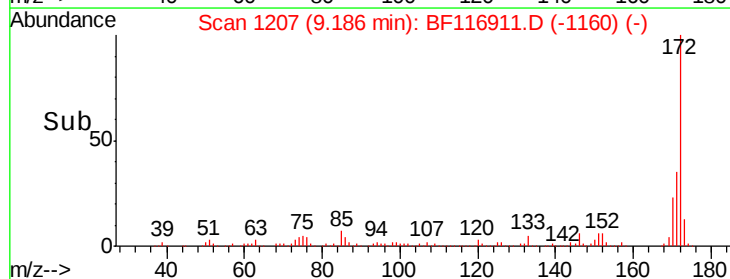
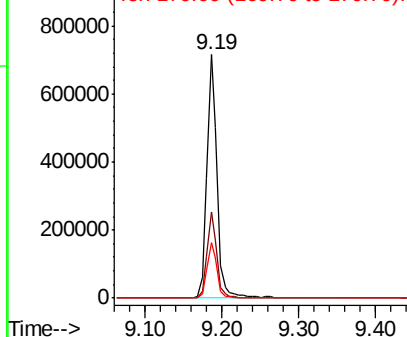
172 100

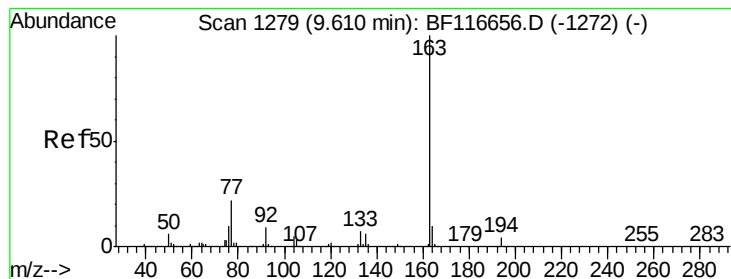
171 35.5 27.8 41.6

170 23.0 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: 8.871 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF116911.D

Acq: 9 Sep 2019 21:53

Instrument :

BNA_F

ClientSampleId :

SB-12-COMP

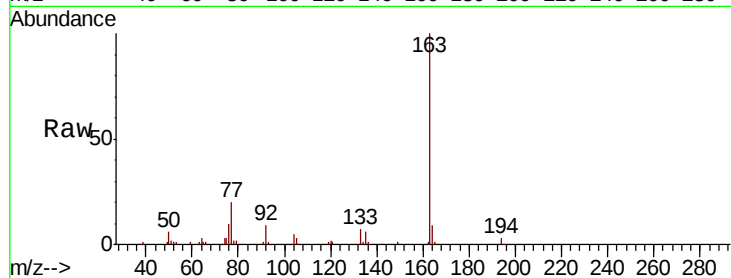
Tot Ion:163 Resp: 97220

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

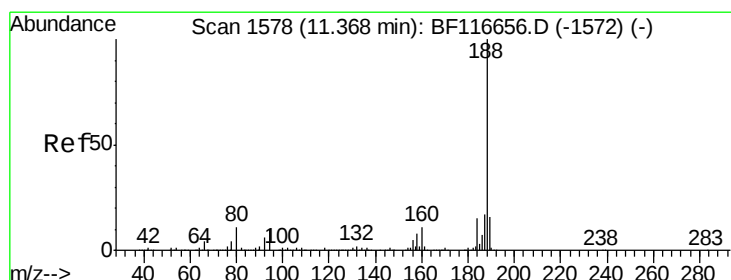
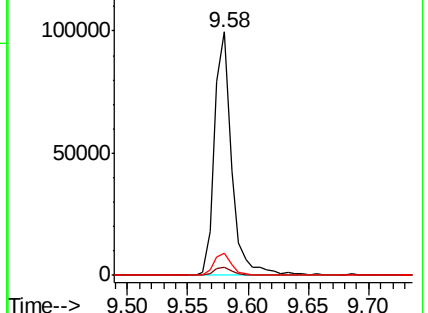
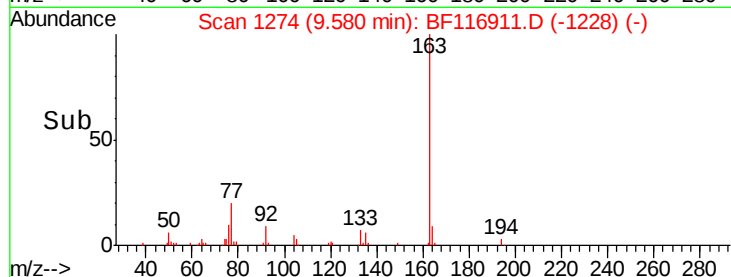
164 9.2 8.6 12.8



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: BF116911.D

Acq: 9 Sep 2019 21:53

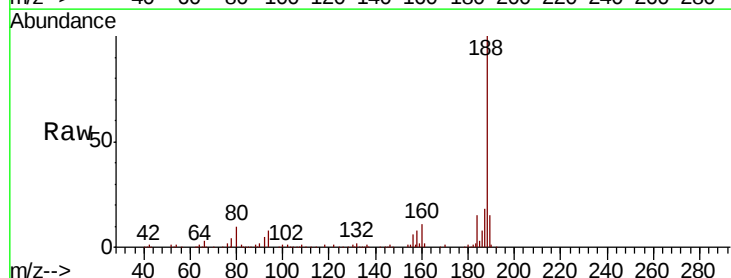
Tgt Ion:188 Resp: 273991

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

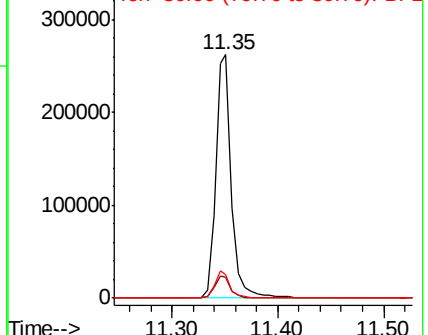
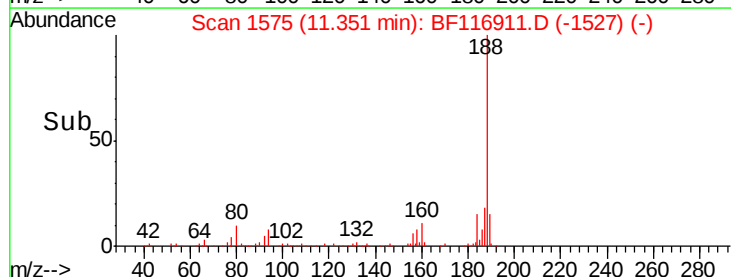
80 9.8 8.4 12.6

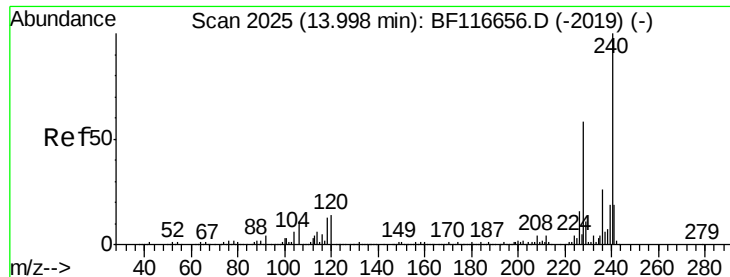


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

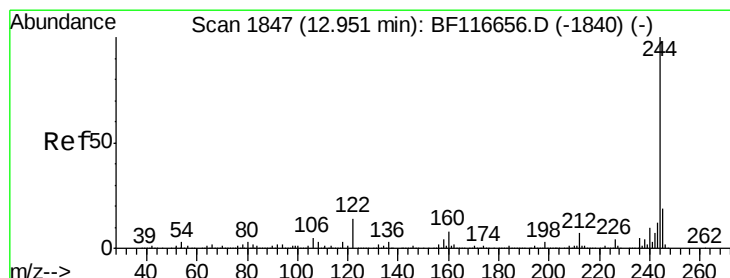
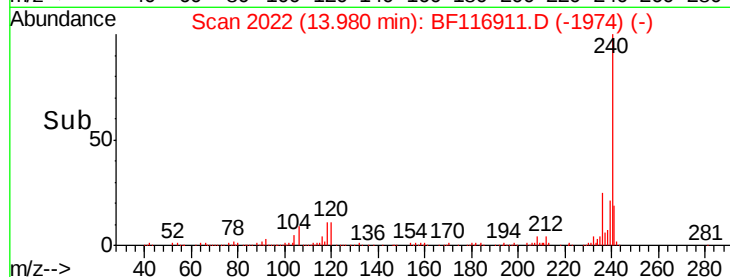
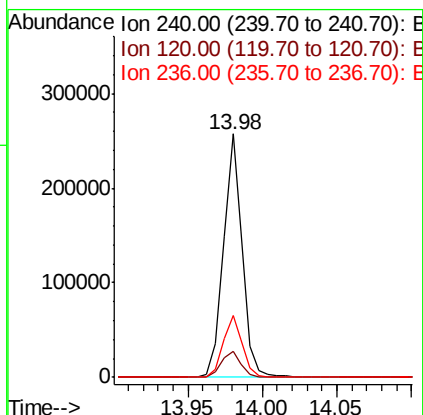
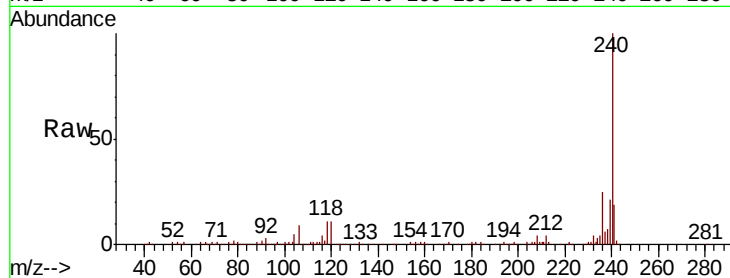




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

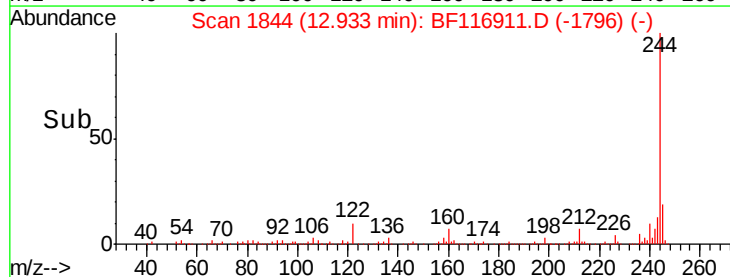
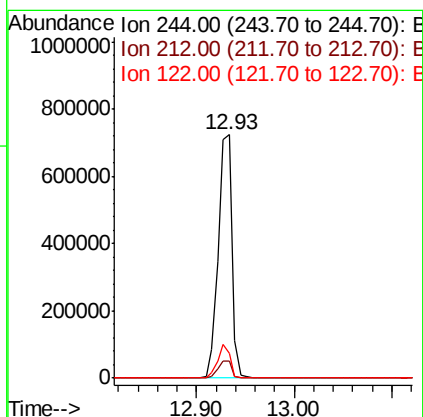
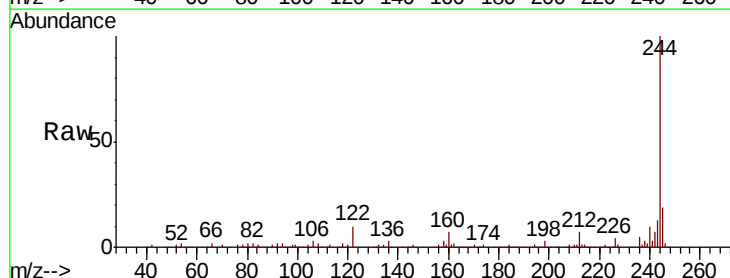
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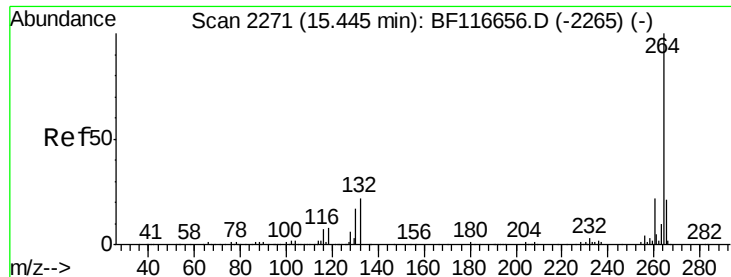
Tot Ion:240 Resp: 229304
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 57.190 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116911.D
Acq: 9 Sep 2019 21:53

Tgt Ion:244 Resp: 708880
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.2 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: BF116911.D
Acq: 9 Sep 2019 21:53

Instrument :
BNA_F
ClientSampleId :
SB-12-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.9	16.5	24.7

