

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116714.D
 Acq On : 31 Aug 2019 23:59
 Operator : HP/JU
 Sample : K4527-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-M-(0-1.9)

Quant Time: Sep 01 01:31:48 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

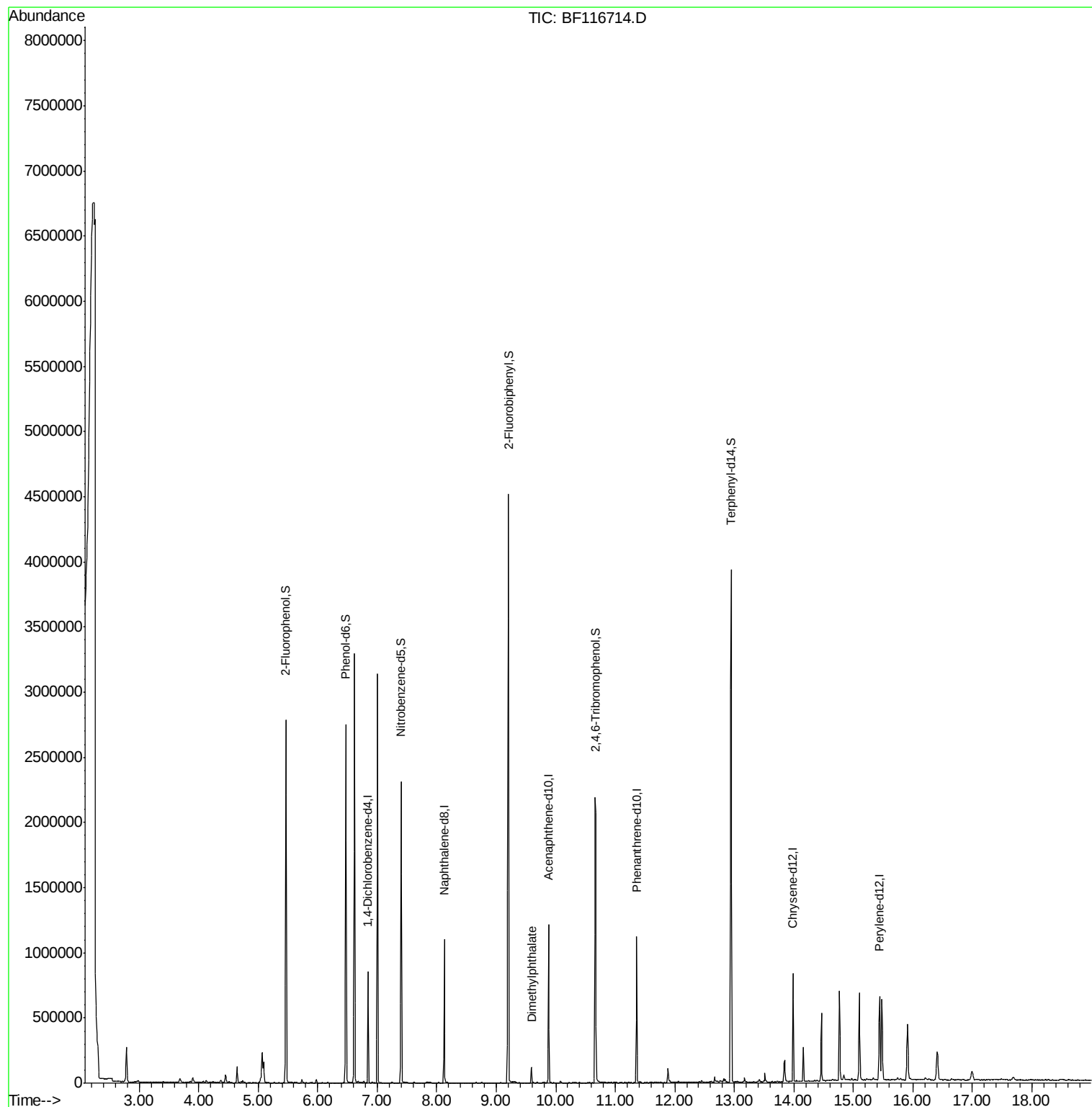
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116935	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	462484	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	237113	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	385704	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	248945	20.00	ng	-0.01
87) Perylene-d12	15.44	264	277706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	843664	116.88	ng	0.00
7) Phenol-d6	6.47	99	994243	104.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	818626	101.05	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	250922	158.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1370078	97.47	ng	0.00
79) Terphenyl-d14	12.94	244	1270700	94.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	52195	3.188	ng	Qvalue 98

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

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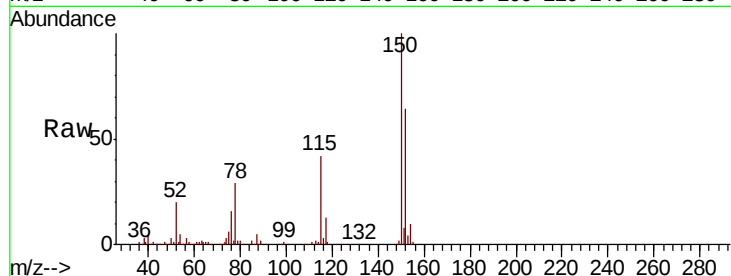


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

Instrument :
BNA_F
ClientSampleId :
T9-12-13-M-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.4	186.6
115	65.0	49.9	74.9

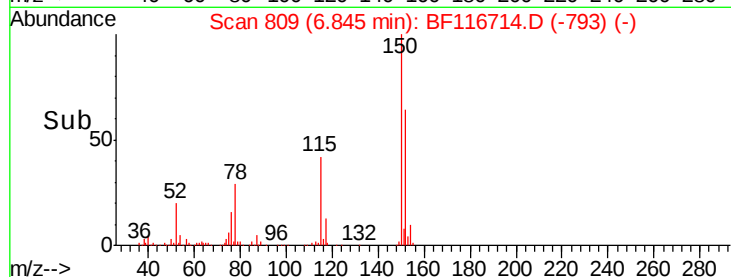
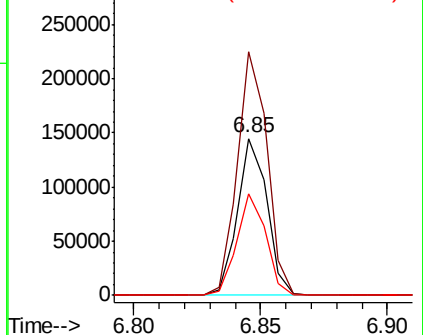


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

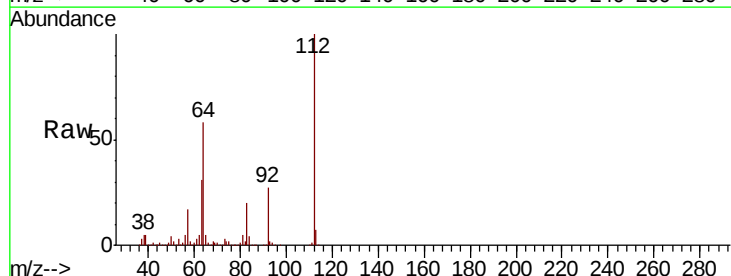
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.884 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	31.2	24.9	37.3

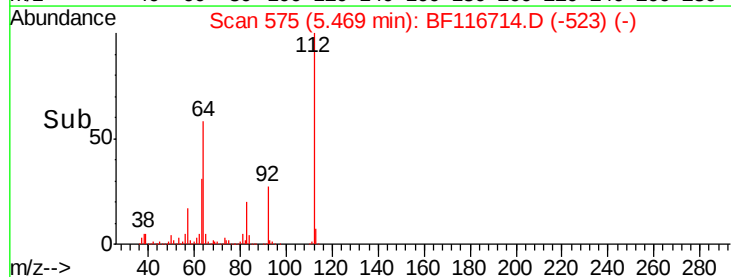
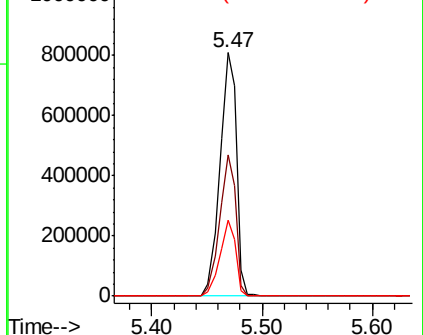


Abundance

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: 104.900 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116714.D

Acq: 31 Aug 2019 23:59

Instrument :

BNA_F

ClientSampleId :

T9-12-13-M-(0-1.9)

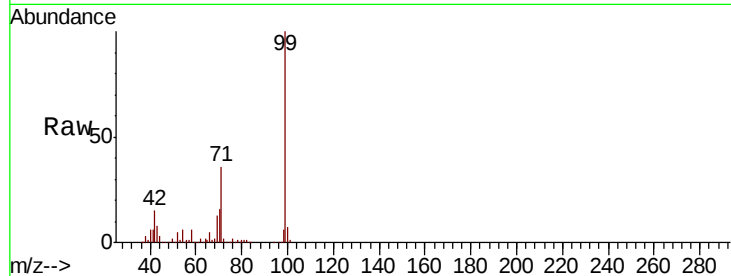
Tot Ion: 99 Resp: 994243

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

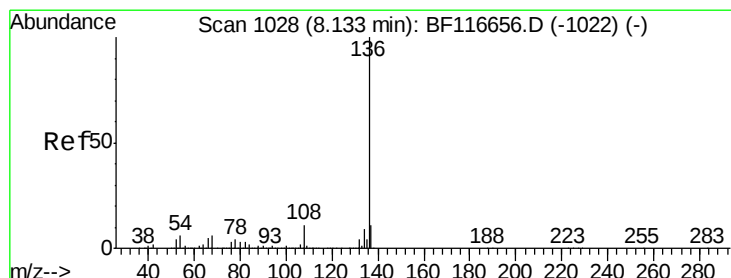
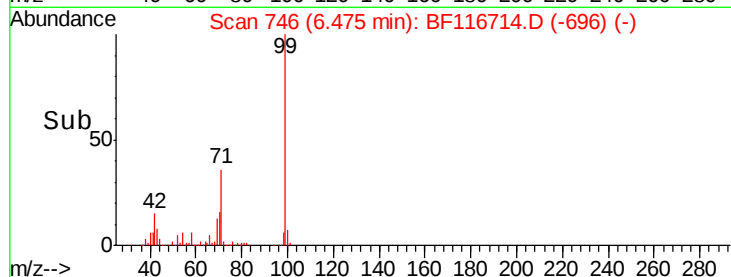
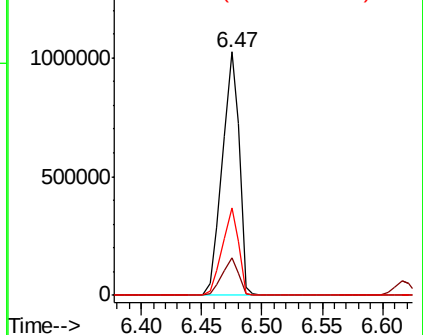
71 36.1 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116714.D

Acq: 31 Aug 2019 23:59

Tgt Ion: 136 Resp: 462484

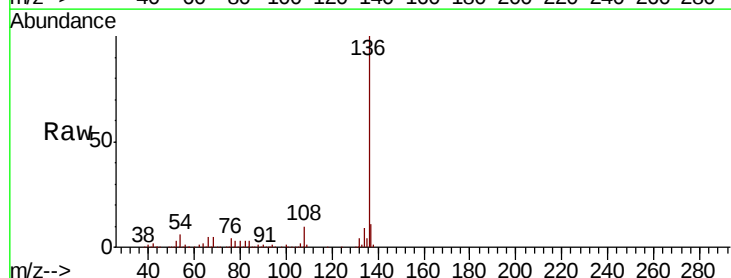
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 4.8 7.2

68 5.5 4.0 6.0

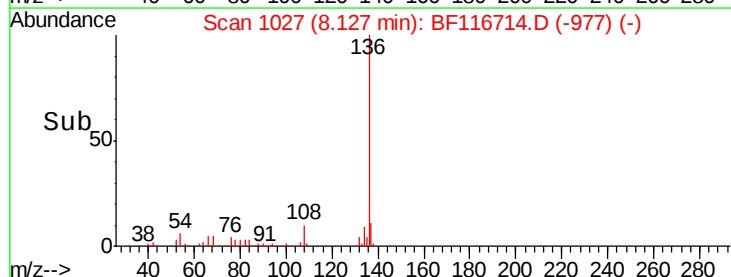
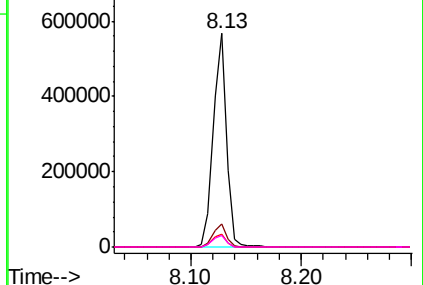


Abundance Ion 136.00 (135.70 to 136.70): E

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

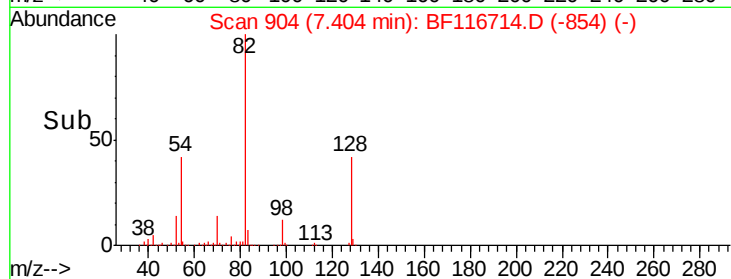
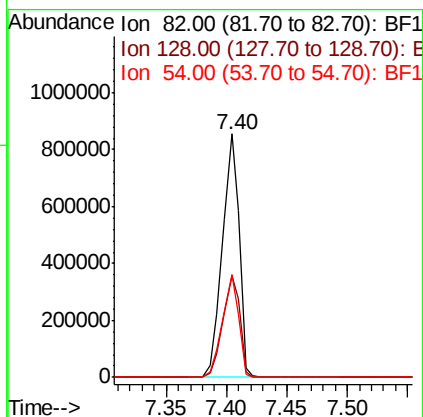
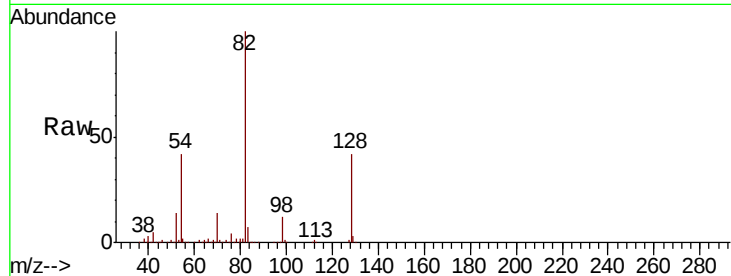




#23
Nitrobenzene-d5
Concen: 101.048 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

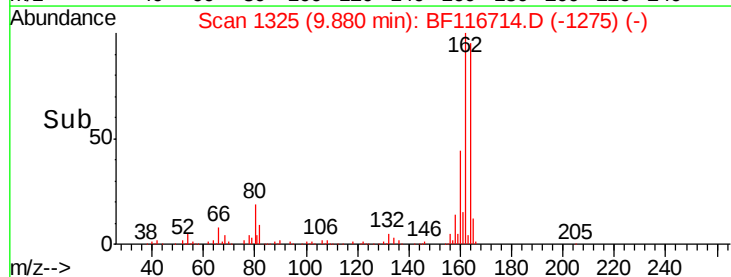
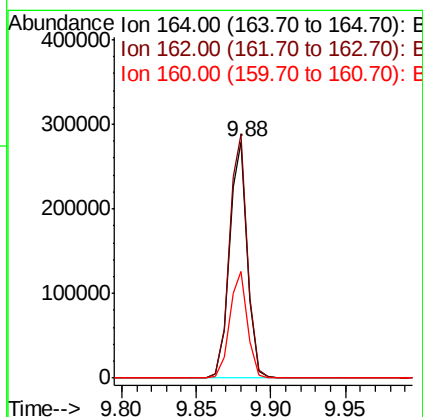
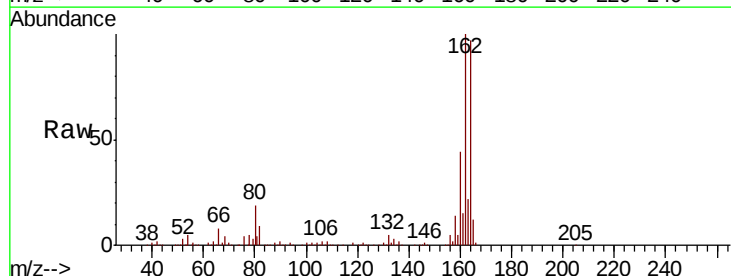
Instrument :
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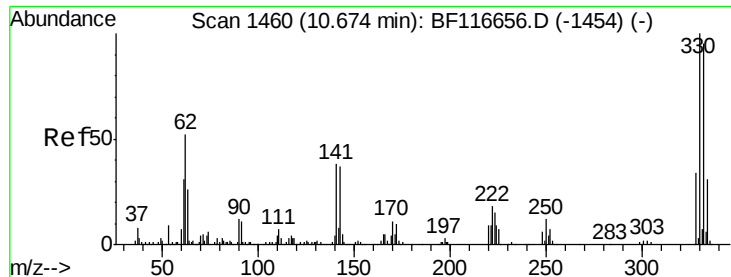
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	42.3	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	45.4	35.4	53.2

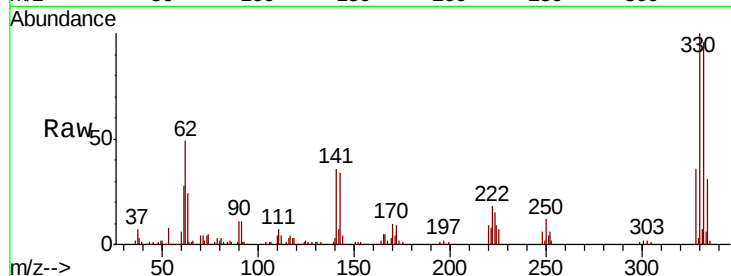




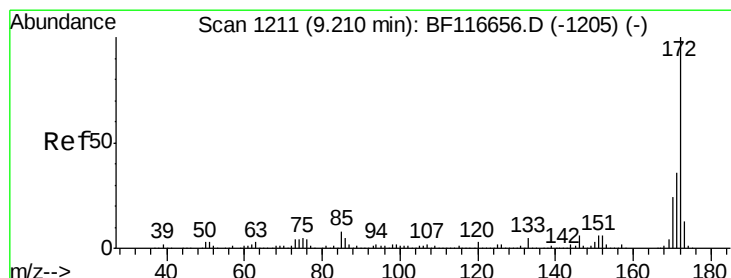
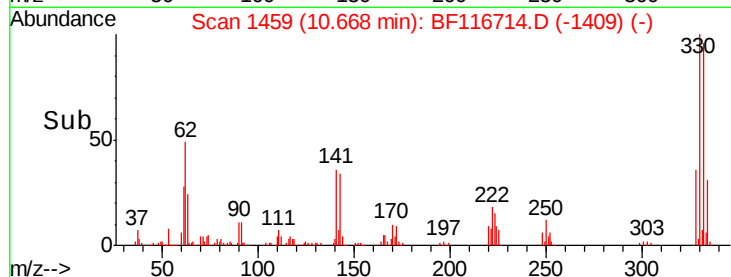
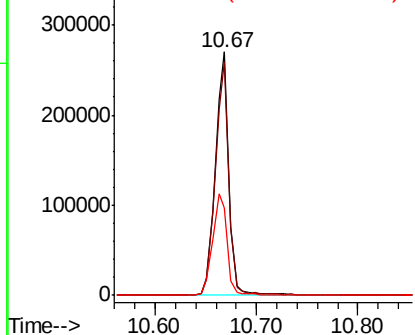
#42
 2,4,6-Tribromophenol
 Concen: 158.295 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116714.D
 Acq: 31 Aug 2019 23:59

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-M-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	44.5	31.4	47.2

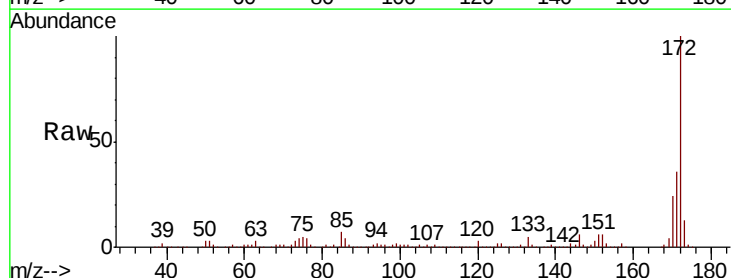


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

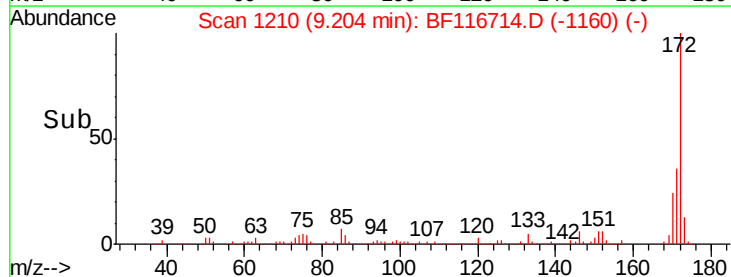
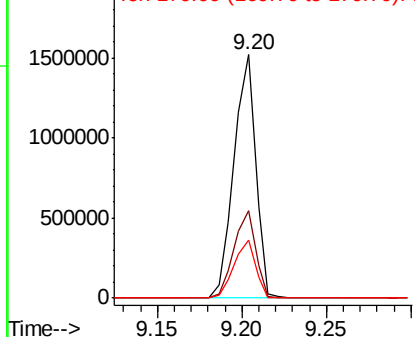


#45
 2-Fluorobiphenyl
 Concen: 97.472 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116714.D
 Acq: 31 Aug 2019 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.9	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

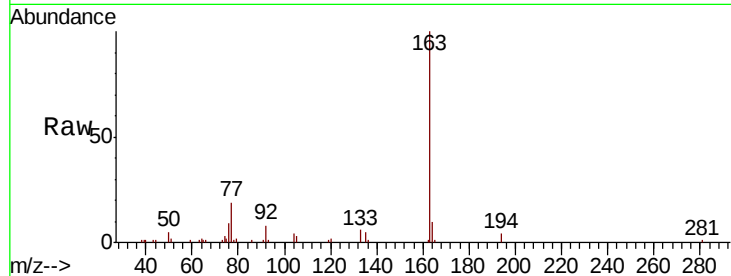




#50
Dimethylphthalate
Concen: 3.188 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

Instrument :
BNA_F
ClientSampleId :
T9-12-13-M-(0-1.9)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.6	8.6	12.8

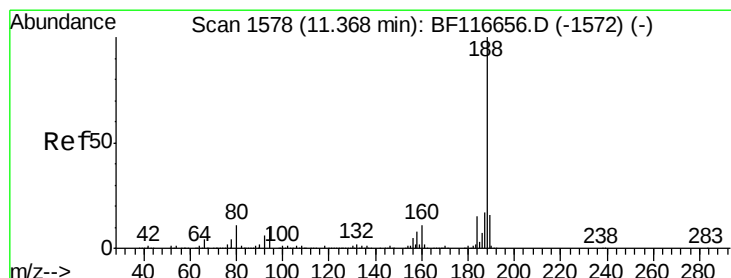
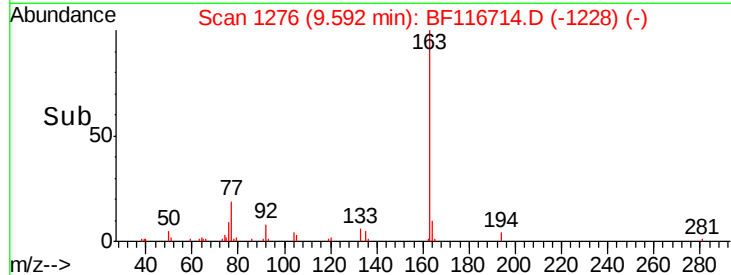
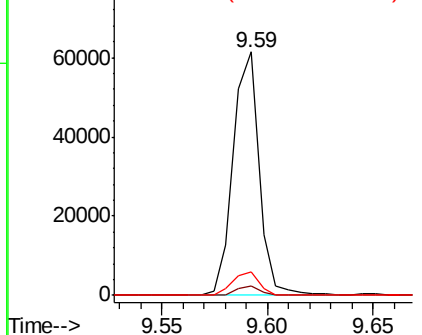


Abundance

Ion 163.00 (162.70 to 163.70): E

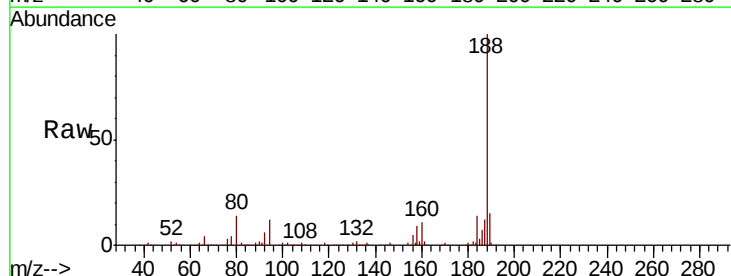
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116714.D
Acq: 31 Aug 2019 23:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.3	10.9#
80	13.5	8.4	12.6#

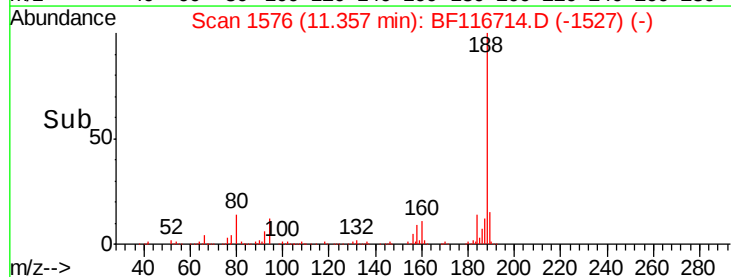
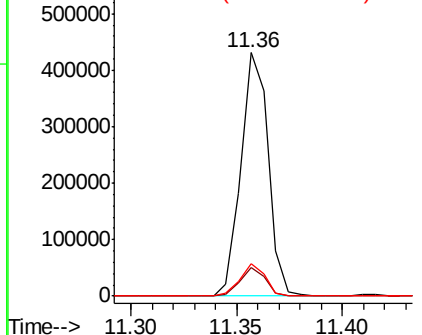


Abundance

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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116714.D

Acq: 31 Aug 2019 23:59

Instrument :

BNA_F

ClientSampleId :

T9-12-13-M-(0-1.9)

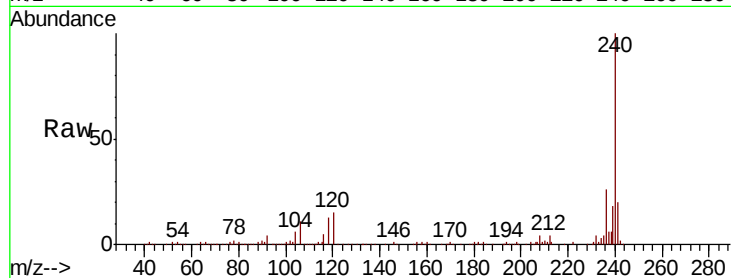
Tot Ion:240 Resp: 248945

Ion Ratio Lower Upper

240 100

120 14.8 9.1 13.7#

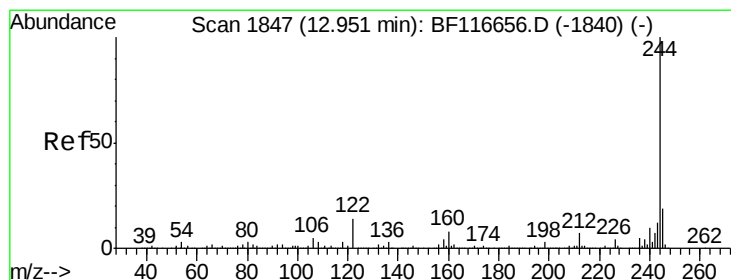
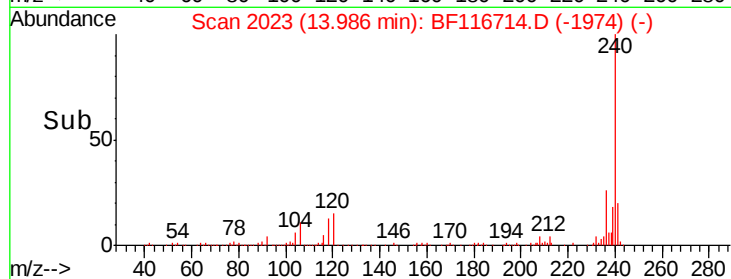
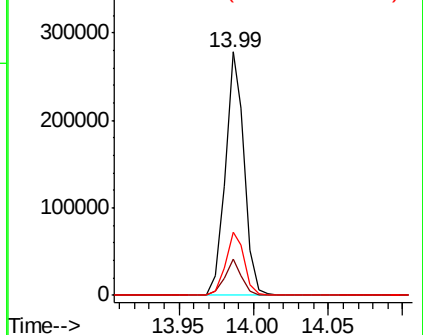
236 26.1 21.1 31.7



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: 94.427 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116714.D

Acq: 31 Aug 2019 23:59

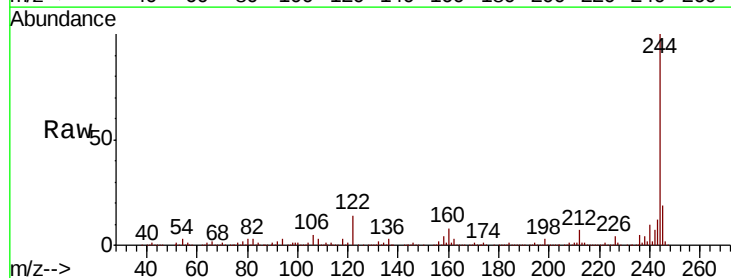
Tgt Ion:244 Resp: 1270700

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

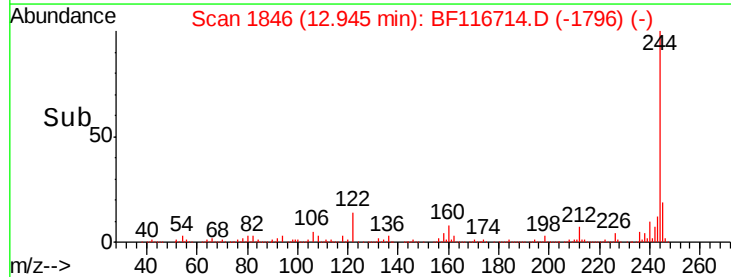
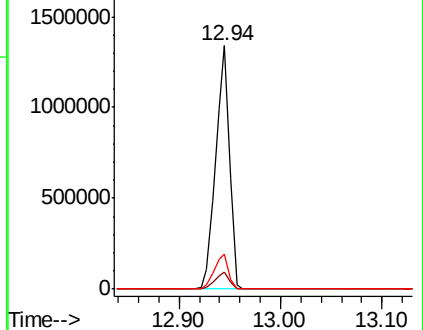
122 14.3 10.2 15.4

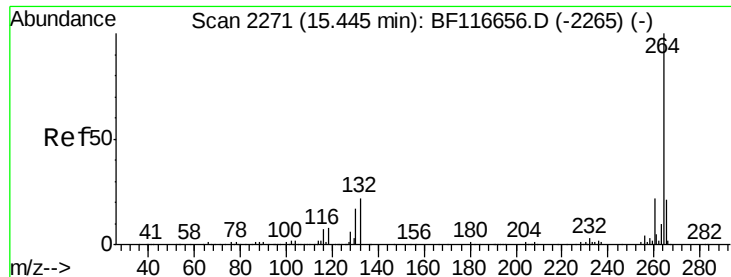


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116714.D
 Acq: 31 Aug 2019 23:59

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-M-(0-1.9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	16.5	24.7

