

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116932.D
 Acq On : 10 Sep 2019 20:14
 Operator : HP/JU
 Sample : K4789-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3407

Quant Time: Sep 11 01:28:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

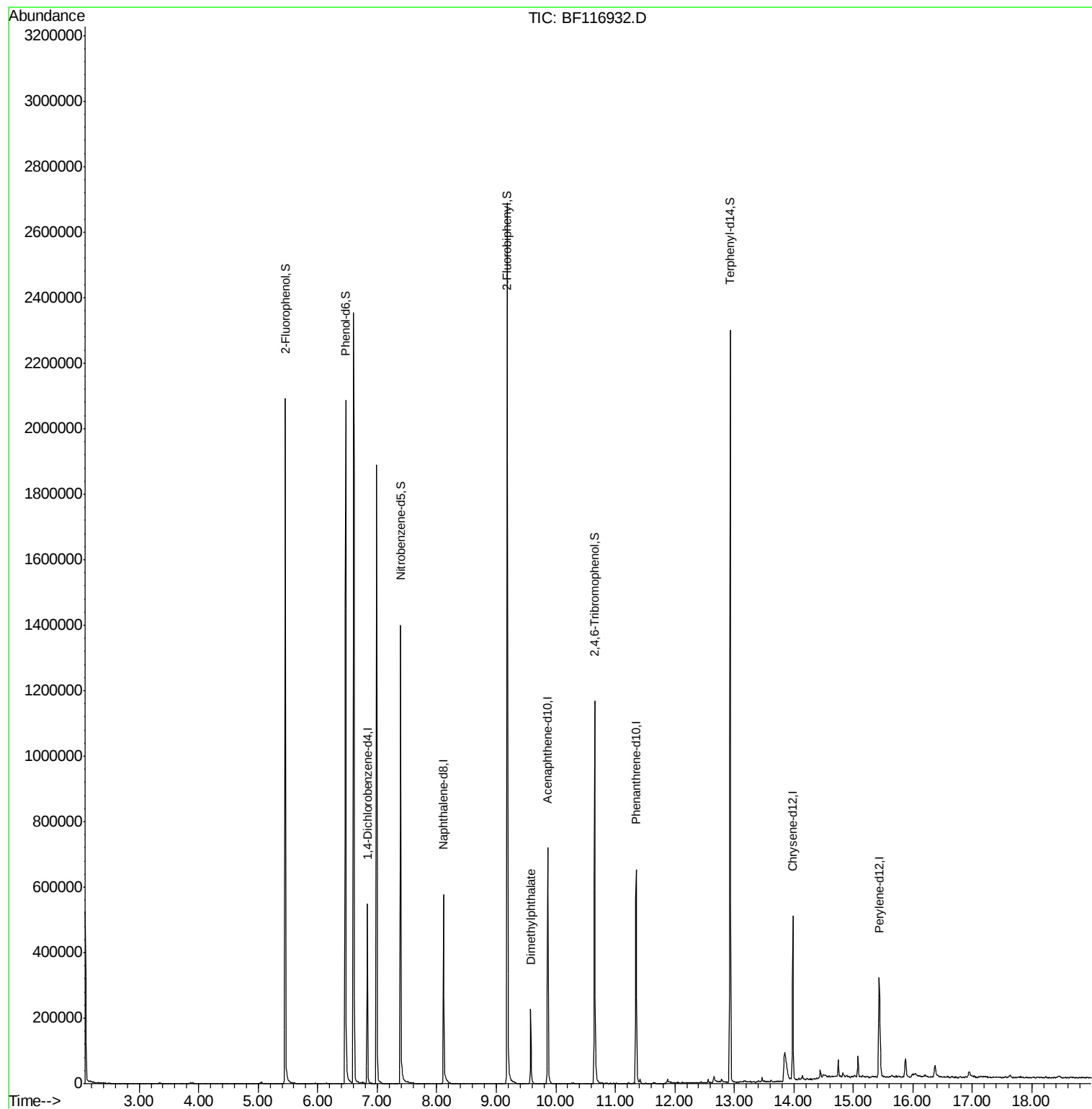
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77748	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	309863	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	159835	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	264833	20.00	ng	0.00
76) Chrysene-d12	13.98	240	159721	20.00	ng	0.00
87) Perylene-d12	15.43	264	154391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	603924	125.84	ng	0.00
7) Phenol-d6	6.47	99	841619	133.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	513763	94.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	132604	124.10	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	858088	90.56	ng	0.00
79) Terphenyl-d14	12.93	244	784083	90.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	107023	9.699	ng	Qvalue 97

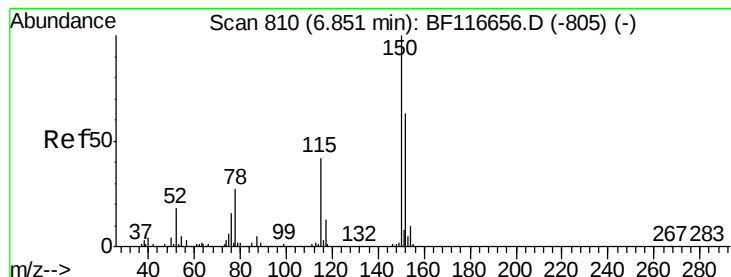
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF116932.D

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RT3407

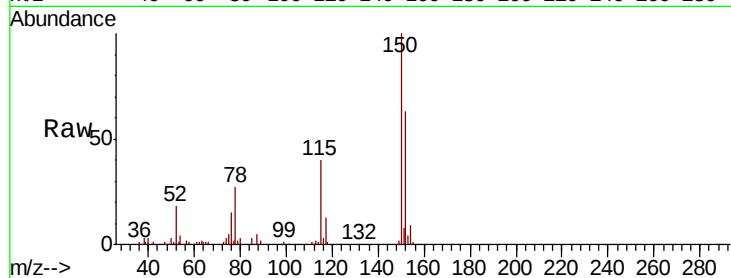
Tot Ion:152 Resp: 77748

Ion Ratio Lower Upper

152 100

150 158.5 124.4 186.6

115 63.3 49.9 74.9

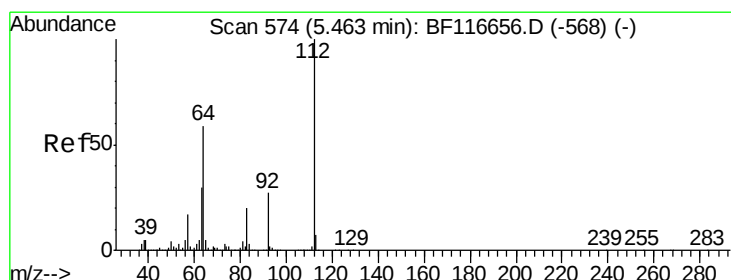
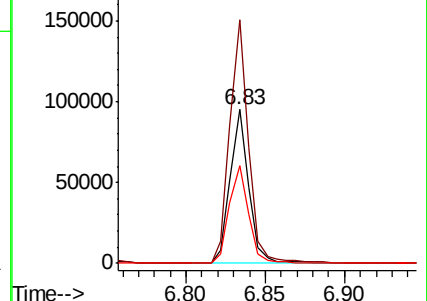
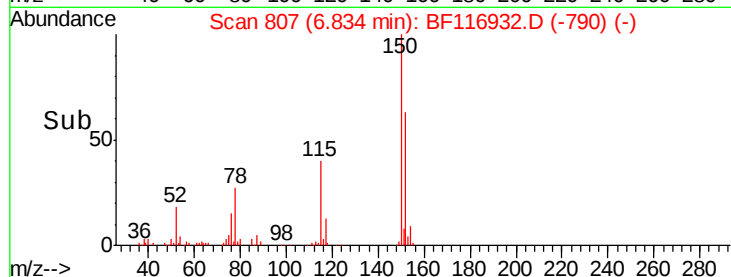


Abundance

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: 125.841 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

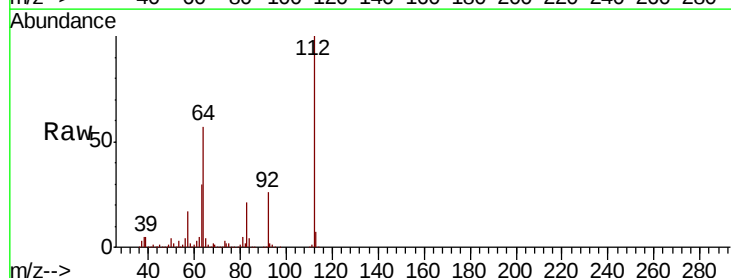
Tgt Ion:112 Resp: 603924

Ion Ratio Lower Upper

112 100

64 56.7 47.1 70.7

63 30.1 24.9 37.3

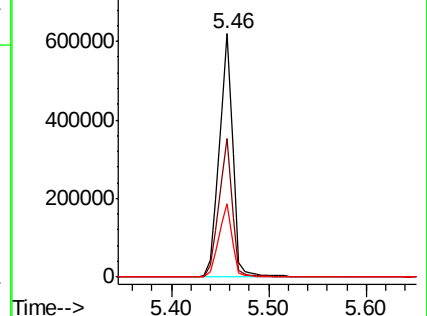
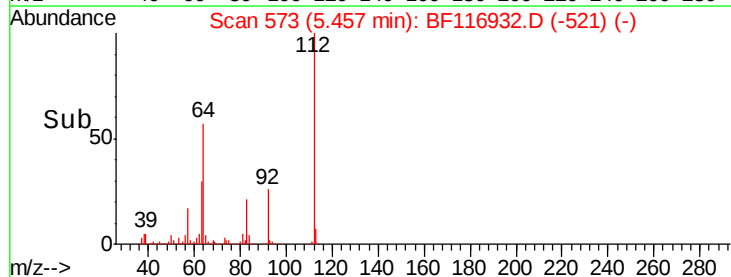


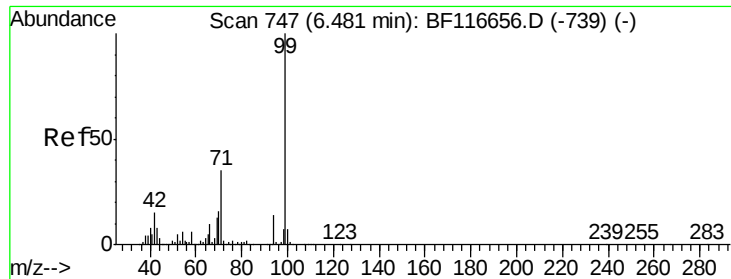
Abundance

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: 133.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116932.D

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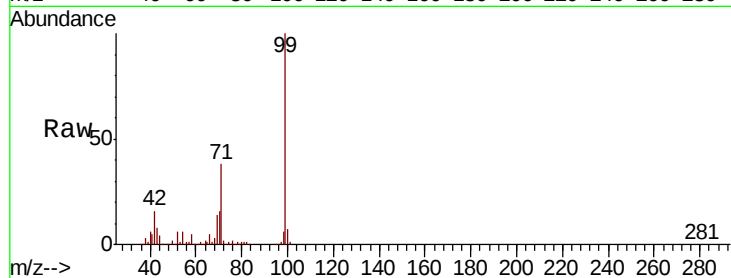
Tot Ion: 99 Resp: 841619

Ion Ratio Lower Upper

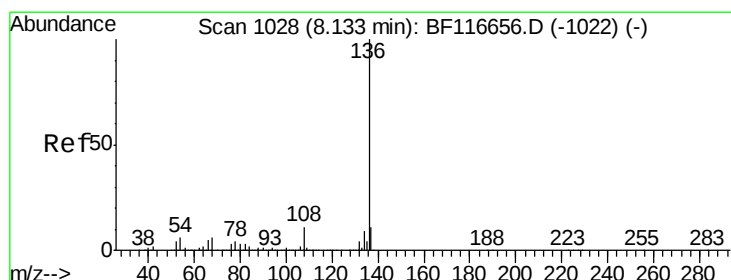
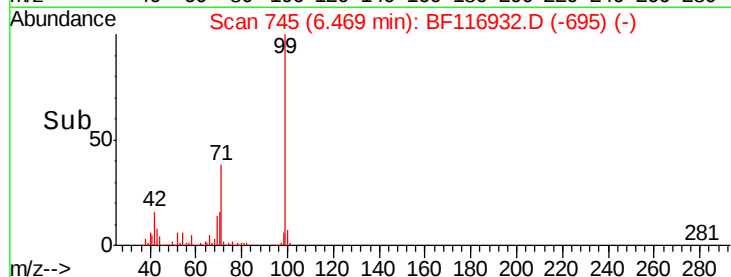
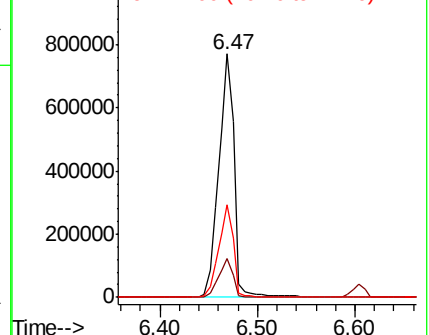
99 100

42 16.1 13.7 20.5

71 38.0 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. -0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Tgt Ion: 136 Resp: 309863

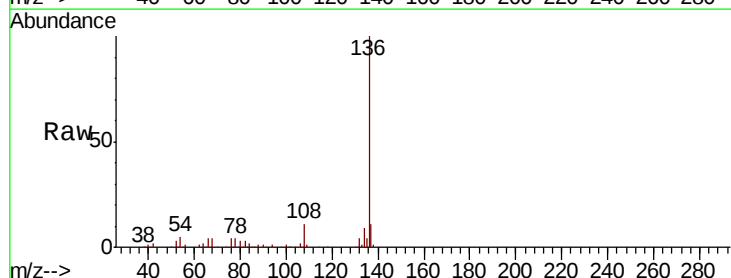
Ion Ratio Lower Upper

136 100

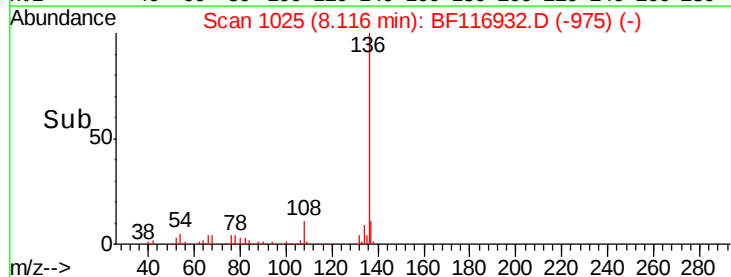
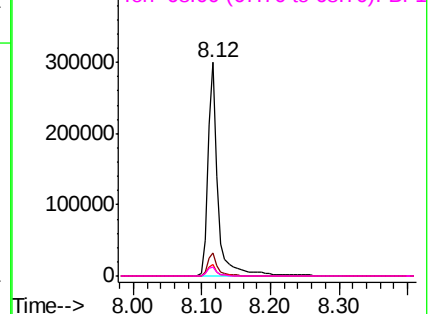
137 10.7 8.9 13.3

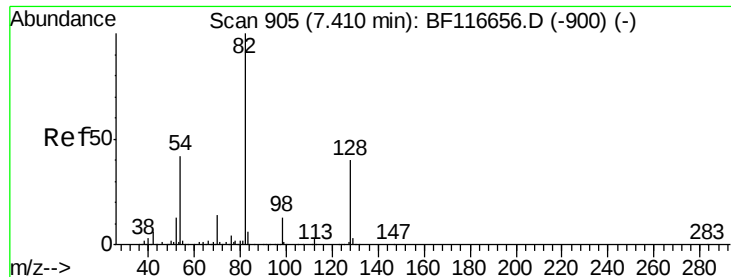
54 5.3 4.8 7.2

68 4.5 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

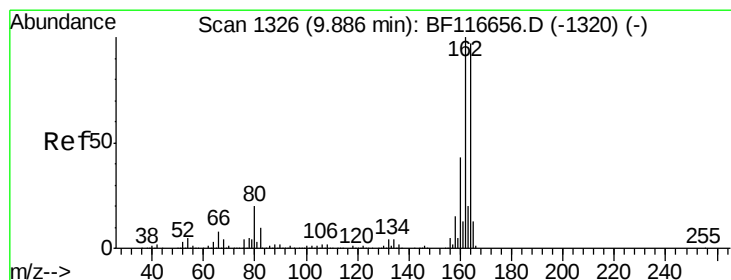
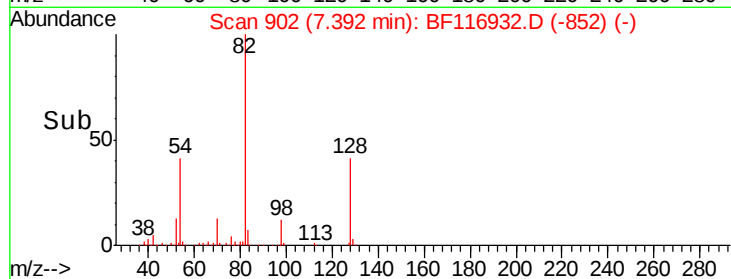
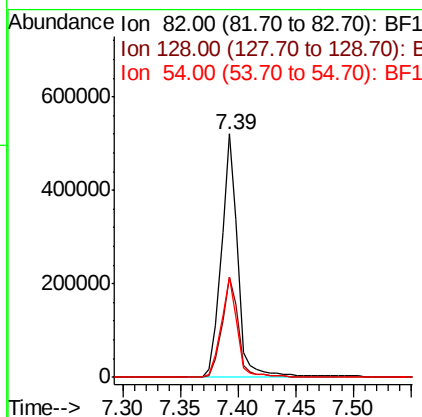
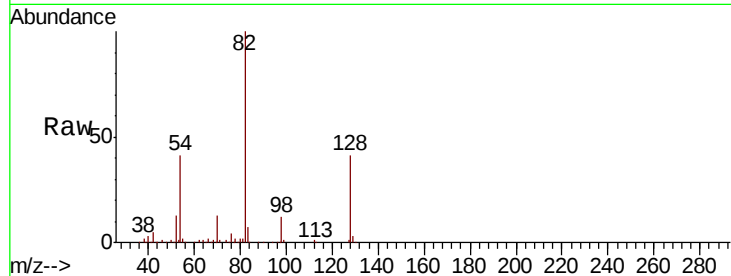




#23
Nitrobenzene-d5
Concen: 94.653 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

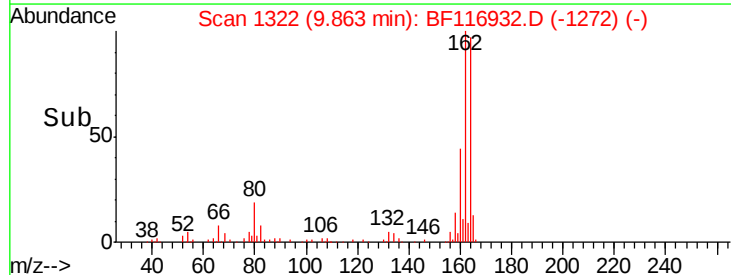
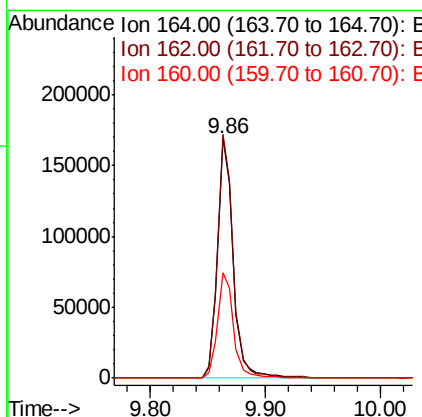
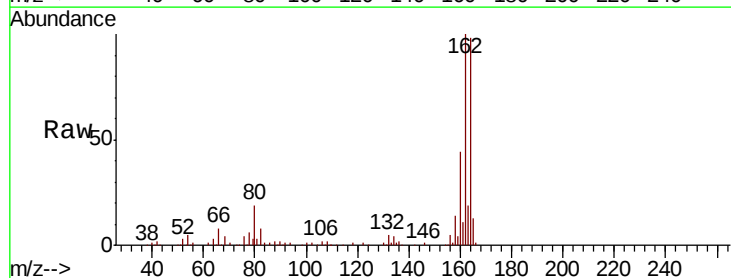
Instrument :
BNA_F
ClientSampleId :
RT3407

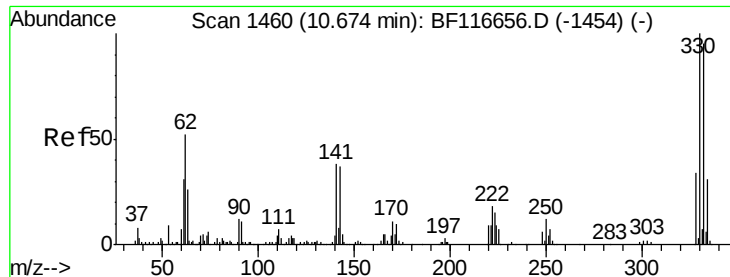
Tot Ion	82	Resp	513763
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.8	49.2
54	41.3	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Tgt Ion	164	Resp	159835
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.4	122.0
160	44.2	35.4	53.2

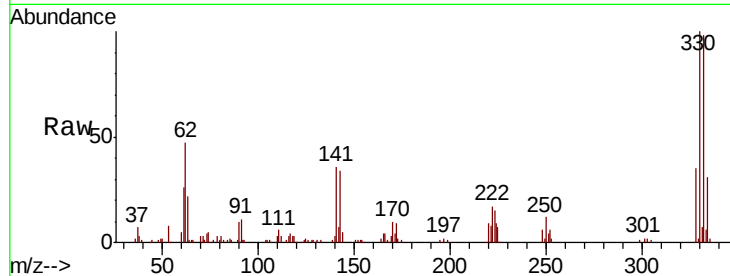




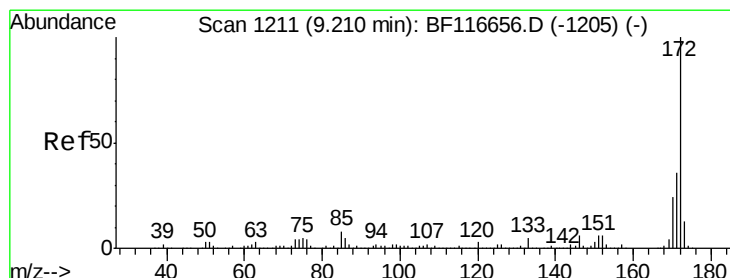
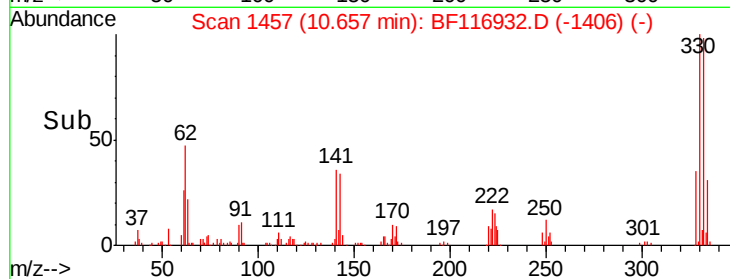
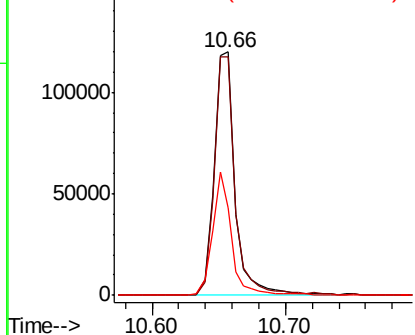
#42
 2,4,6-Tribromophenol
 Concen: 124.099 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 RT3407

Tot Ion:330 Resp: 132604
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.9 115.3
 141 45.8 31.4 47.2

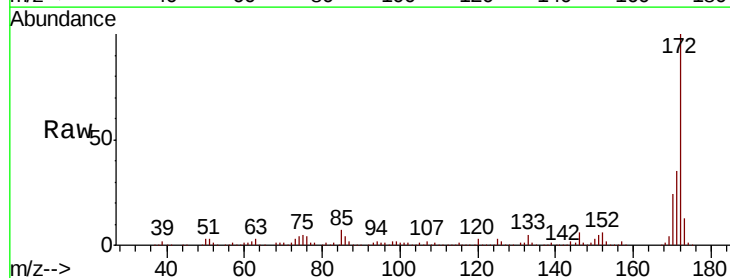


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

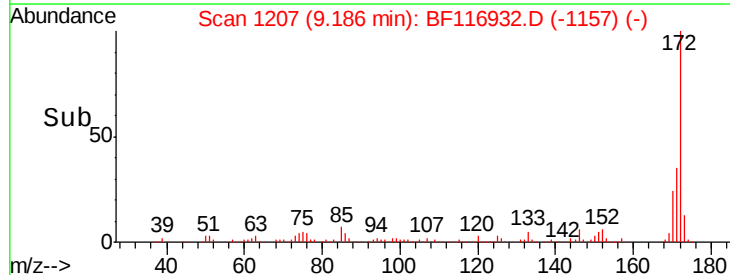
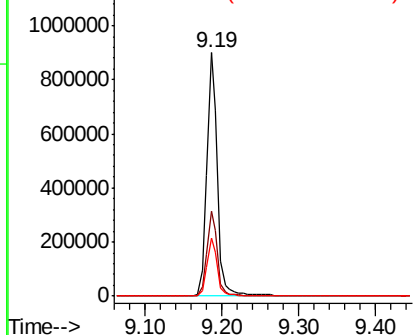


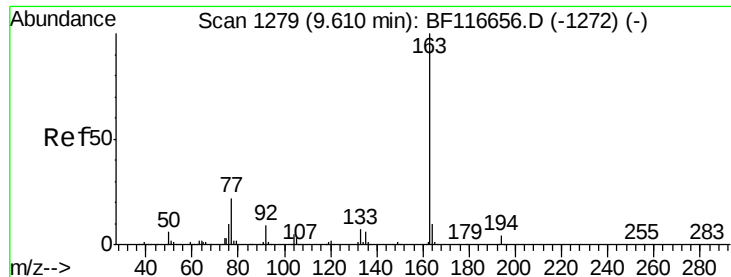
#45
 2-Fluorobiphenyl
 Concen: 90.562 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Tgt Ion:172 Resp: 858088
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.6
 170 24.0 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: 9.699 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Instrument :

BNA_F

ClientSampleId :

RT3407

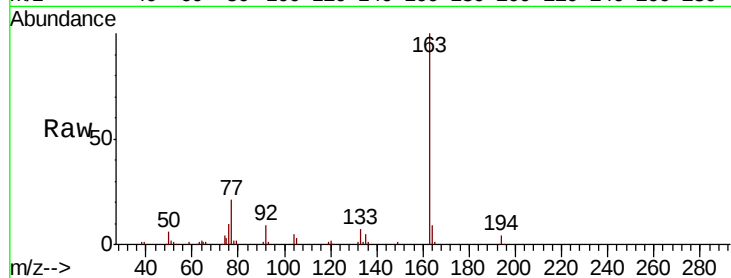
Tot Ion:163 Resp: 107023

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

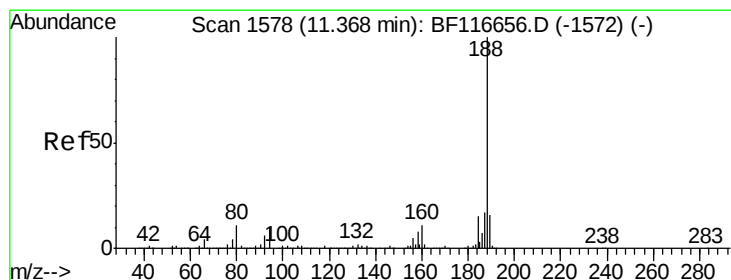
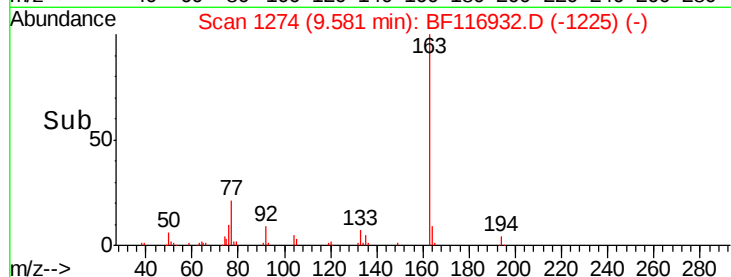
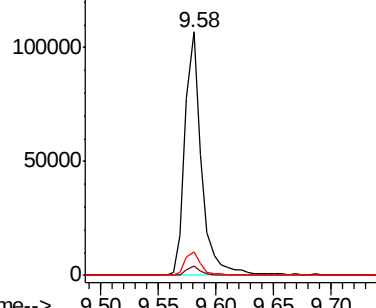
164 9.4 8.6 12.8



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. 0.00 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

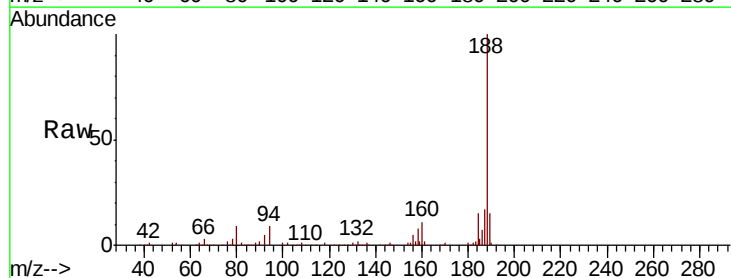
Tgt Ion:188 Resp: 264833

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

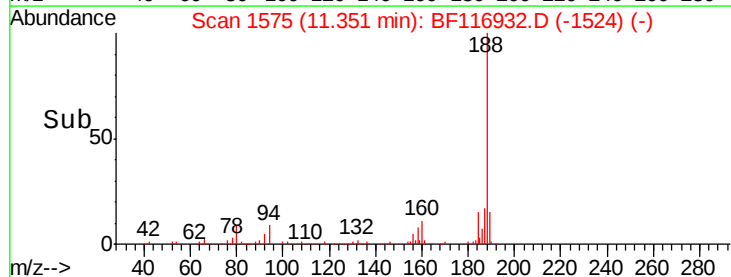
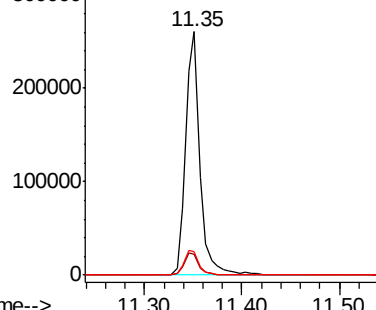
80 9.5 8.4 12.6

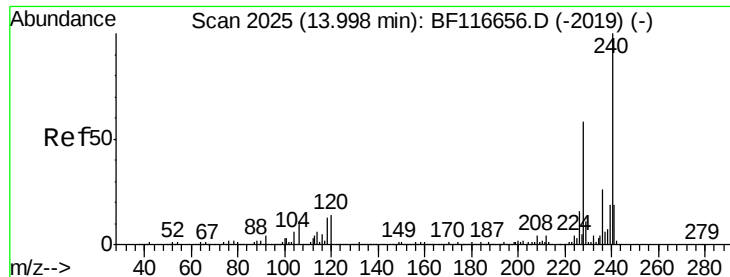


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

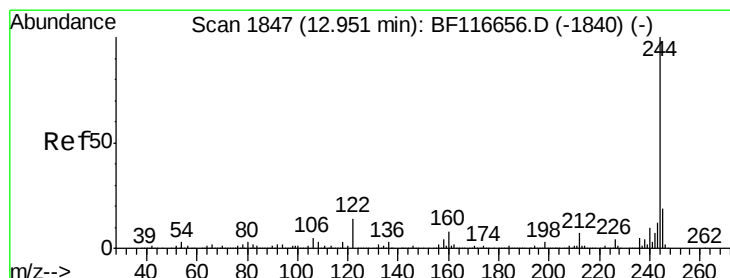
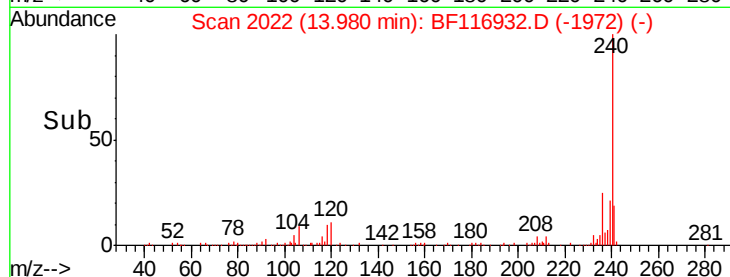
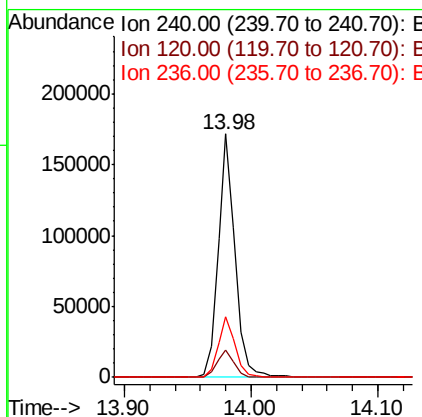
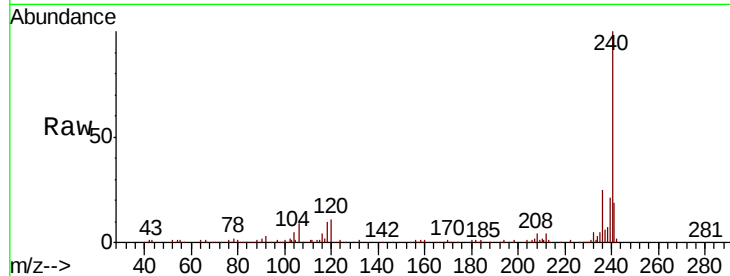




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

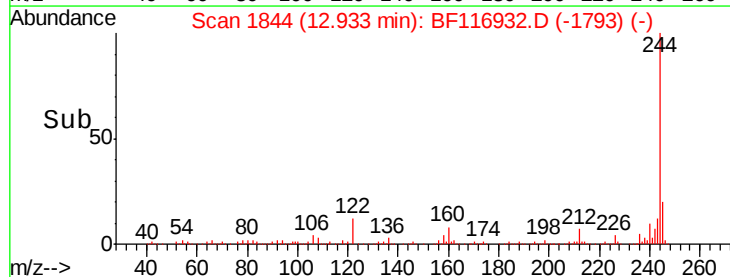
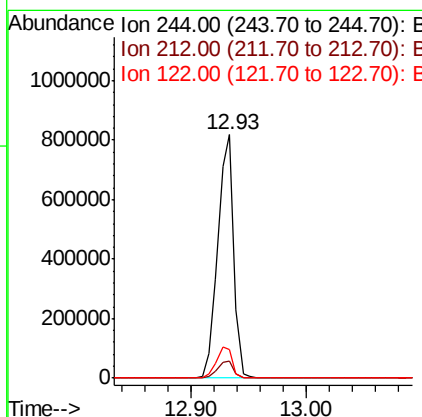
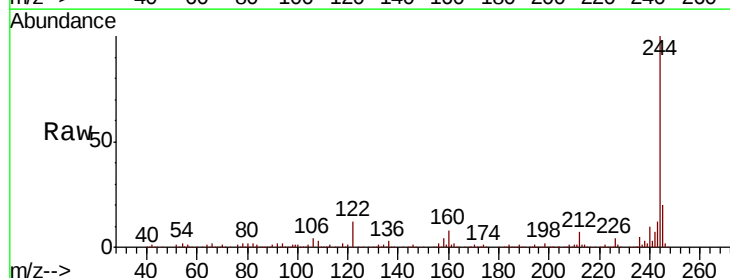
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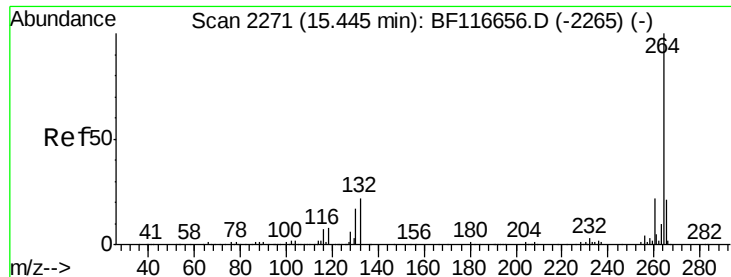
Tot Ion:240 Resp: 159721
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.1 21.1 31.7



#79
Terphenyl-d14
Concen: 90.815 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Tgt Ion:244 Resp: 784083
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.5 10.2 15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :
 RT3407

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	16.5	24.7

