

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116557.D
 Acq On : 26 Aug 2019 5:29
 Operator : HP/JU
 Sample : K4450-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-L3

Quant Time: Aug 26 08:39:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

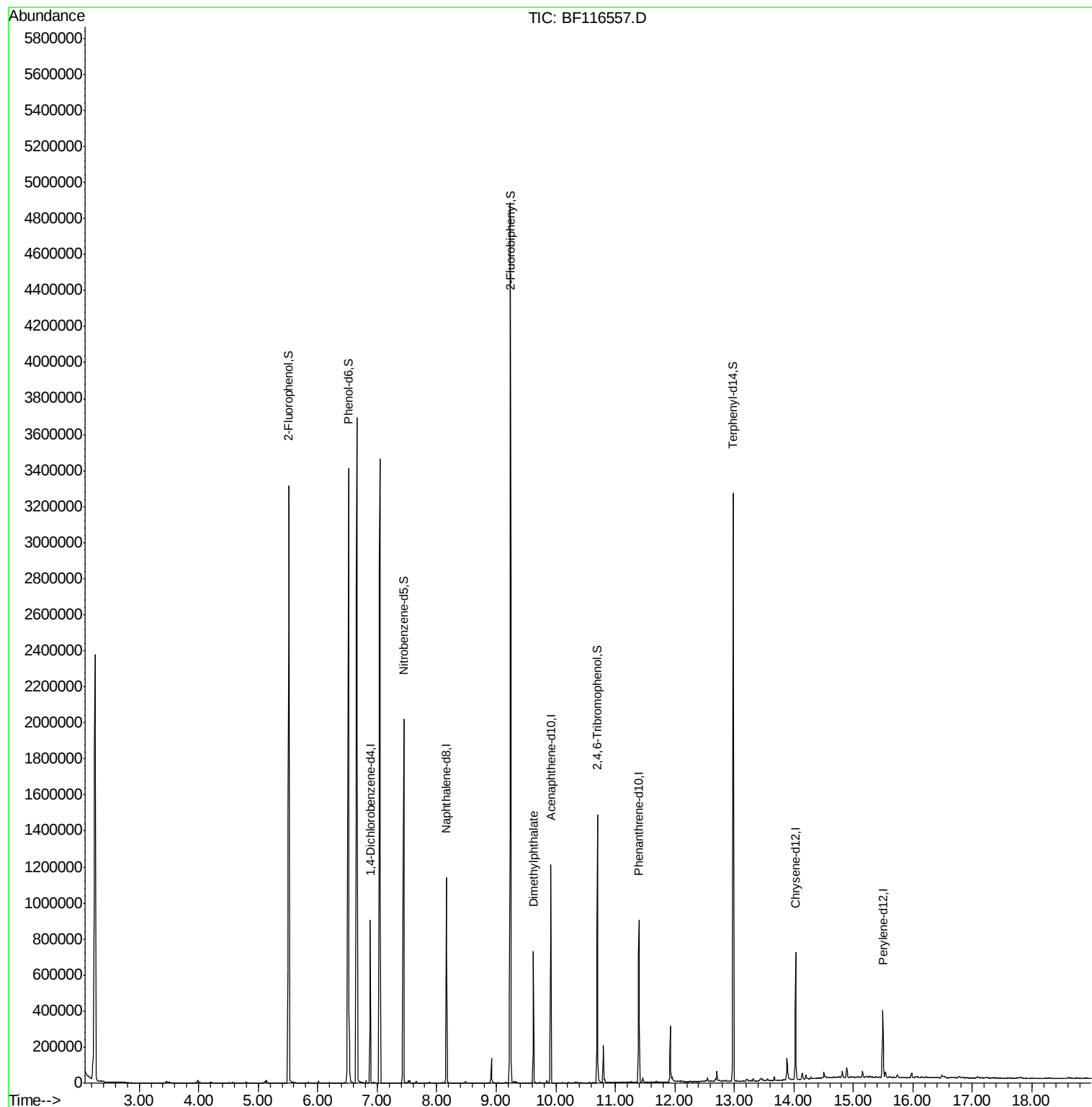
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134533	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491670	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	221851	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	303277	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207749	20.00	ng	0.00
87) Perylene-d12	15.50	264	176272	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1008368	109.52	ng	0.02
7) Phenol-d6	6.52	99	1335335	118.28	ng	0.01
23) Nitrobenzene-d5	7.45	82	811297	90.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	154818	81.27	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1532885	111.27	ng	0.00
79) Terphenyl-d14	12.98	244	1117113	100.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	288075	18.611	ng	Qvalue 98

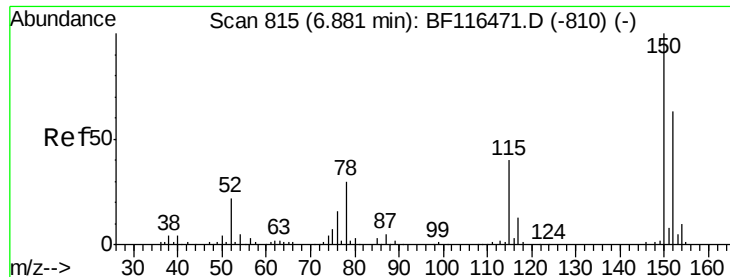
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

Instrument :

BNA_F

ClientSampleId :

WC-L3

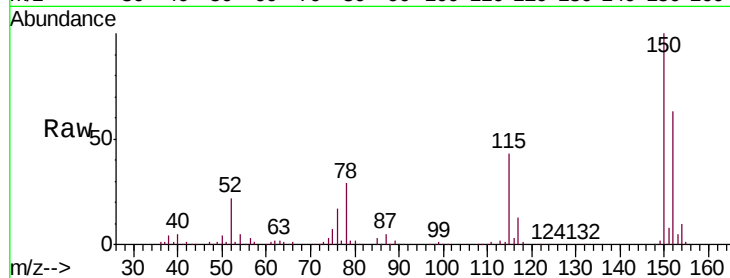
Tot Ion:152 Resp: 134533

Ion Ratio Lower Upper

152 100

150 157.9 126.7 190.1

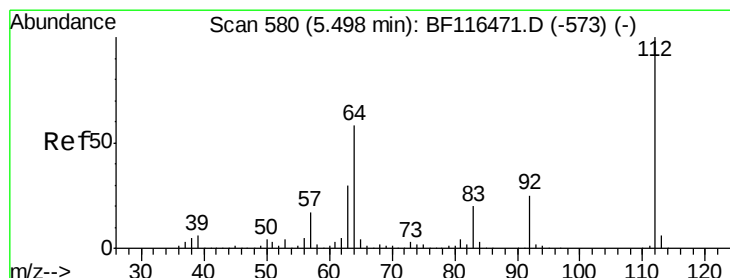
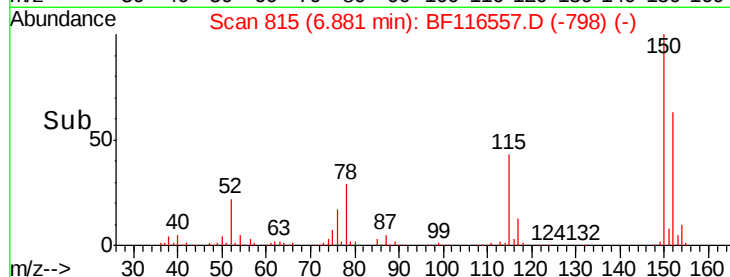
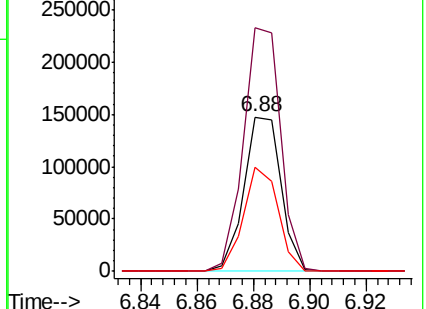
115 67.4 50.9 76.3



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: 109.518 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

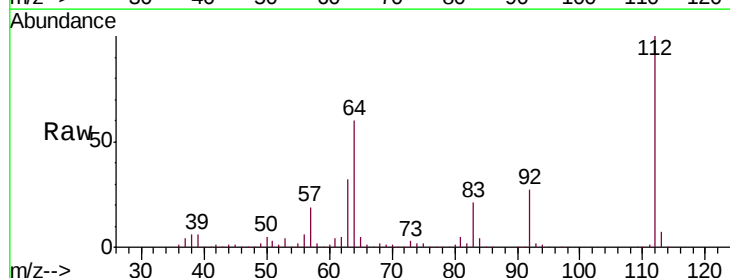
Tgt Ion:112 Resp: 1008368

Ion Ratio Lower Upper

112 100

64 59.8 46.3 69.5

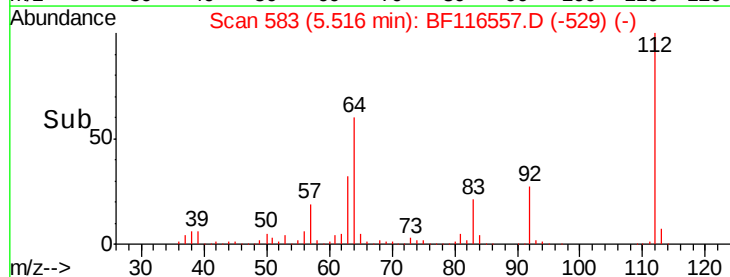
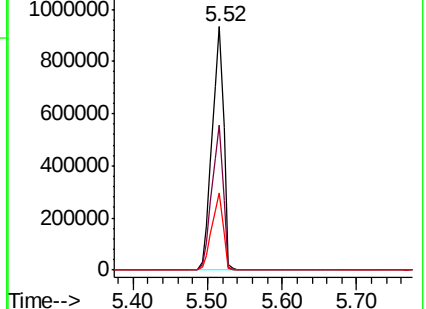
63 31.7 24.2 36.4

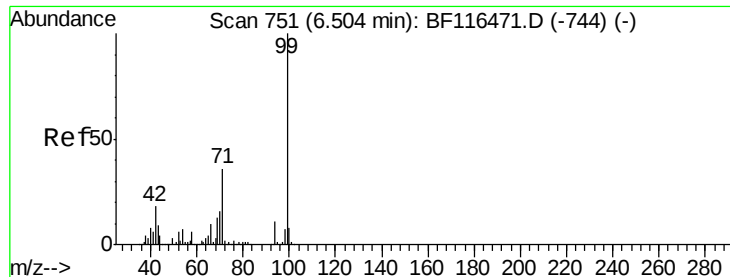


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.280 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

Instrument :

BNA_F

ClientSampleId :

WC-L3

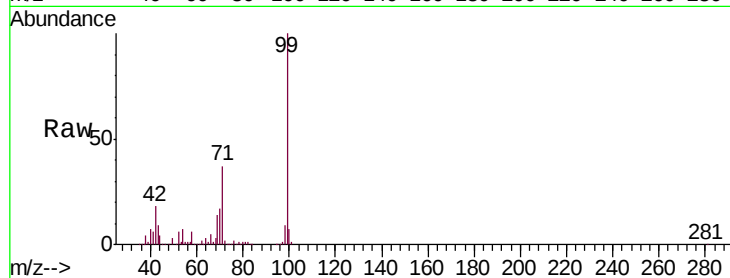
Tot Ion: 99 Resp: 1335335

Ion Ratio Lower Upper

99 100

42 18.1 14.6 21.8

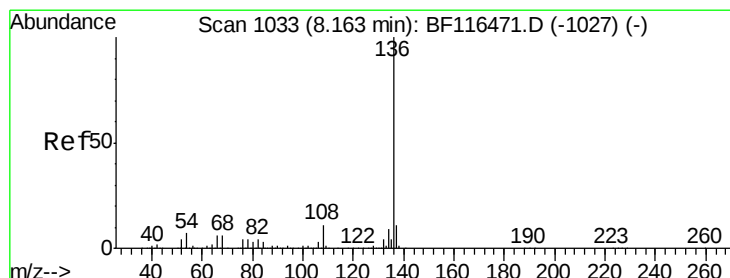
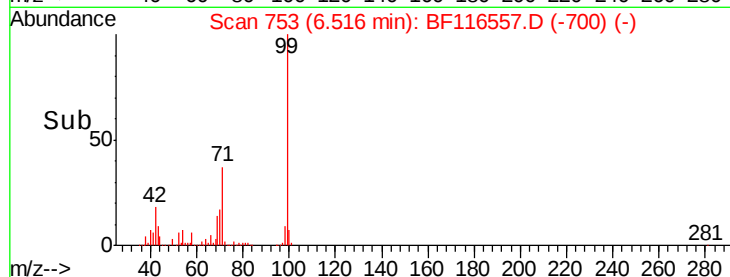
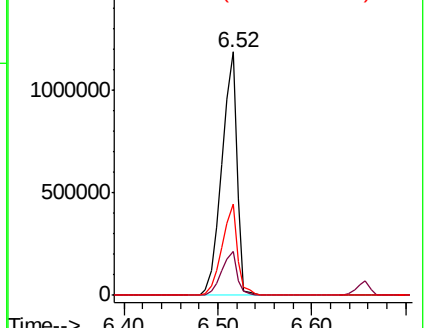
71 37.5 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

Tgt Ion: 136 Resp: 491670

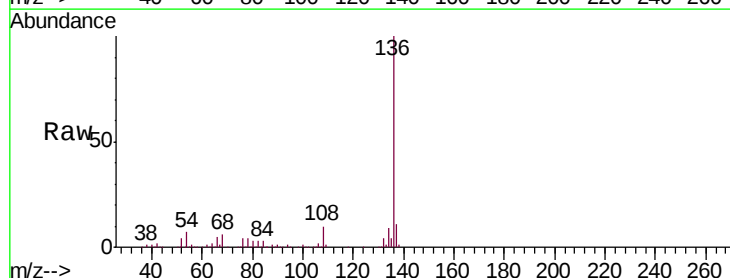
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.8 8.6

68 6.0 5.1 7.7

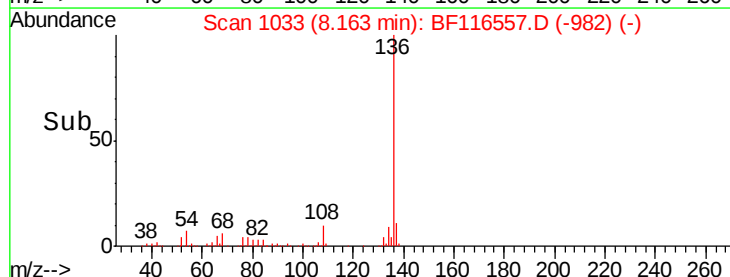
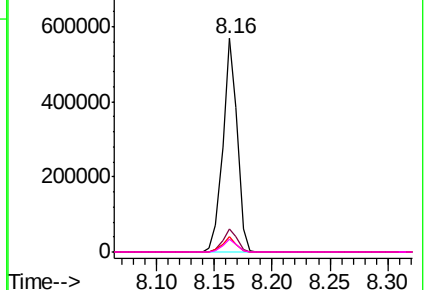


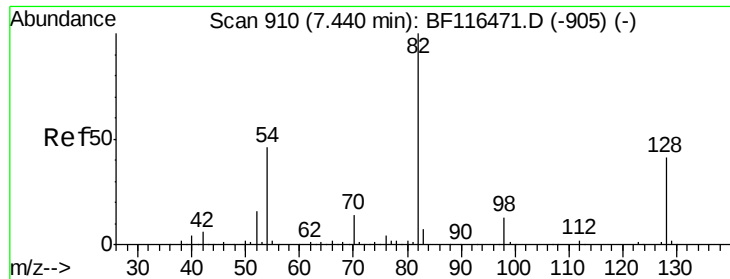
Abundance Ion 136.00 (135.70 to 136.70): E

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

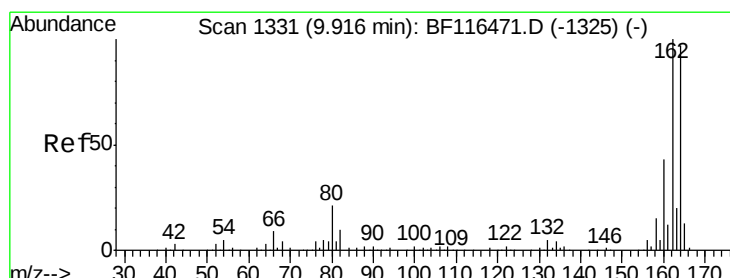
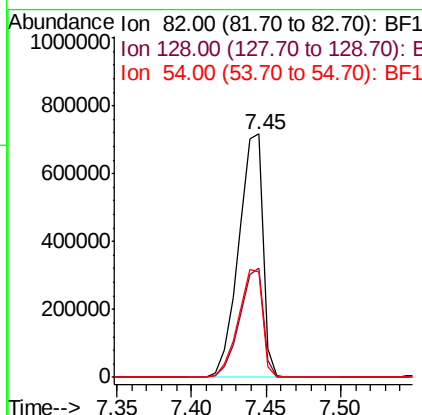
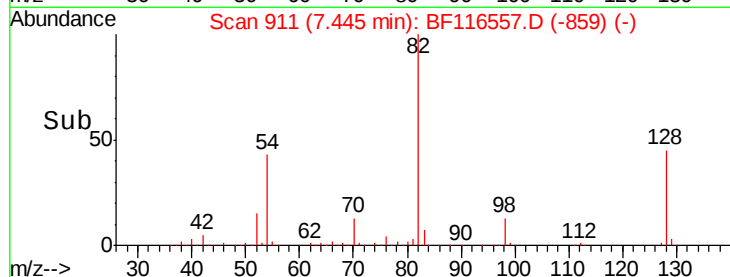
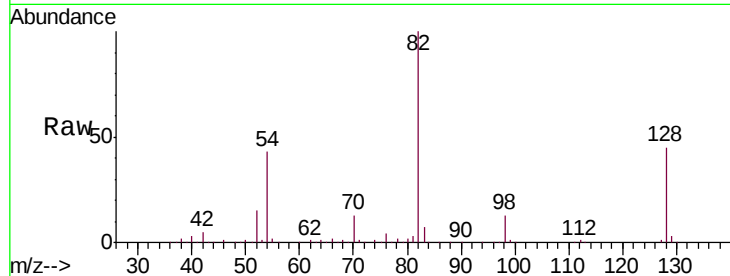




#23
 Nitrobenzene-d5
 Concen: 90.276 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116557.D
 Acq: 26 Aug 2019 5:29

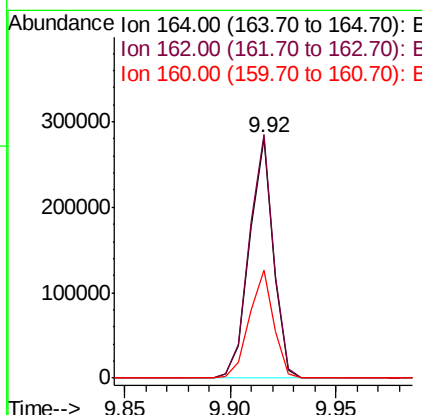
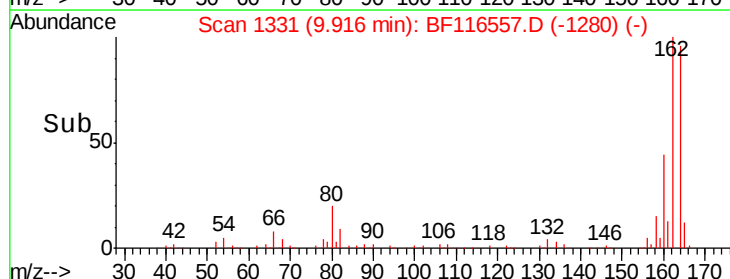
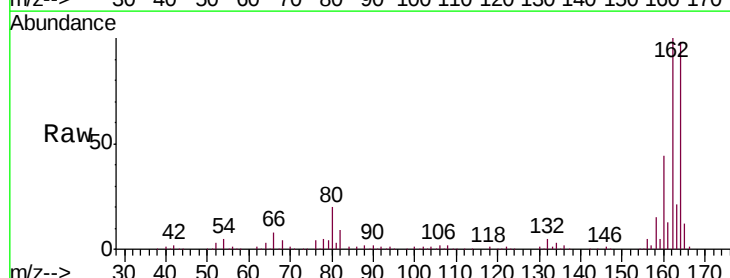
Instrument :
 BNA_F
 ClientSampled :
 WC-L3

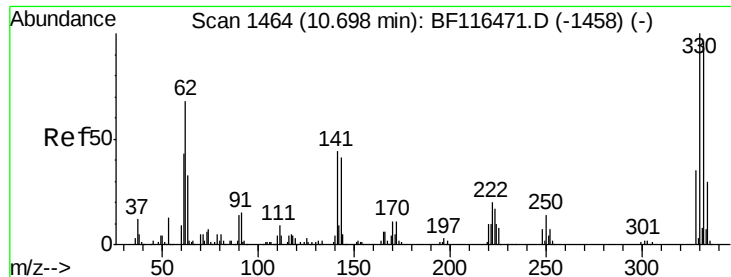
Tot Ion	82	Resp	811297
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.4
54	43.3	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116557.D
 Acq: 26 Aug 2019 5:29

Tgt Ion	164	Resp	221851
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	123.8
160	44.9	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 81.270 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

Instrument :

BNA_F

ClientSampleId :

WC-L3

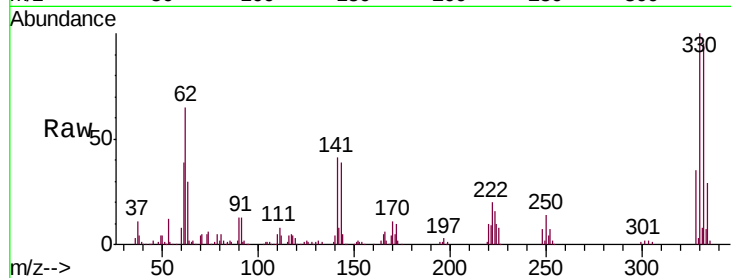
Tot Ion:330 Resp: 154818

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

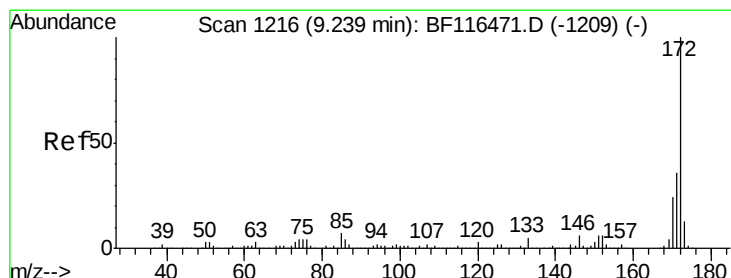
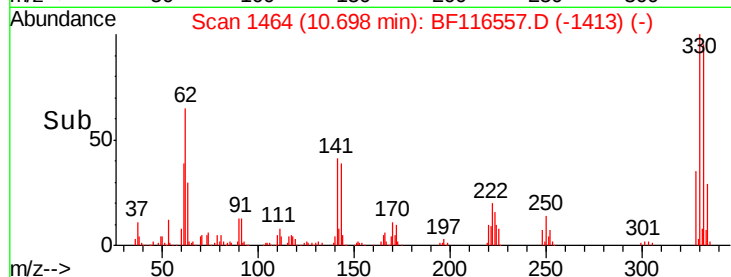
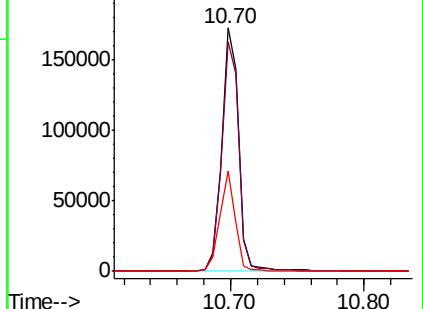
141 38.0 33.3 49.9



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: 111.271 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

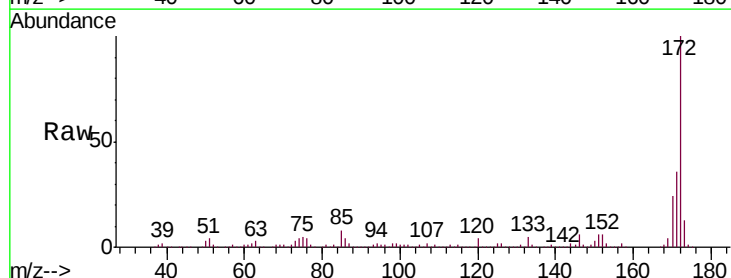
Tgt Ion:172 Resp: 1532885

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

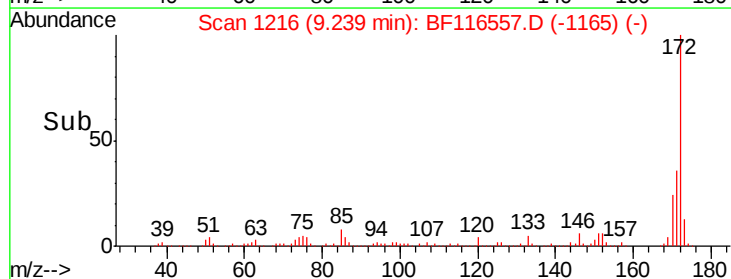
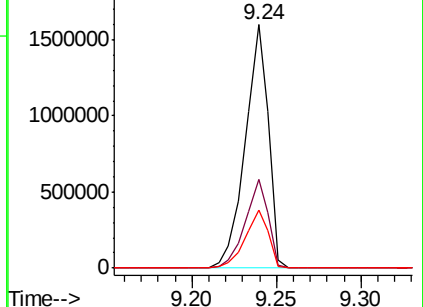
170 23.9 19.4 29.0

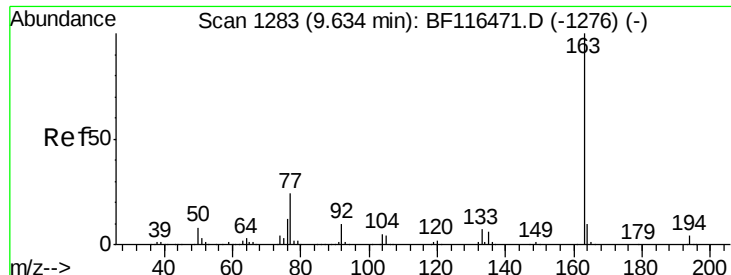


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

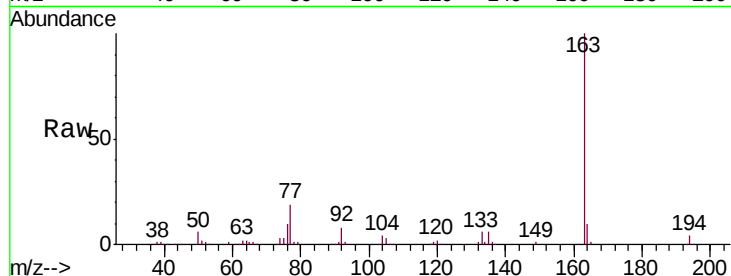




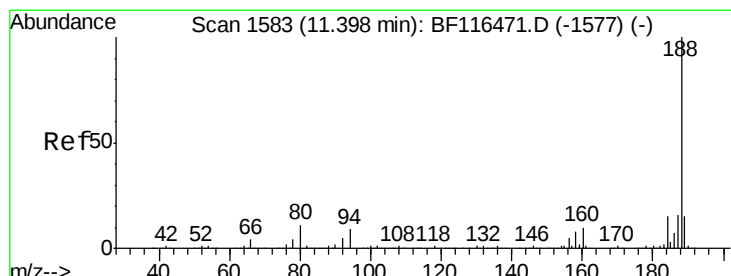
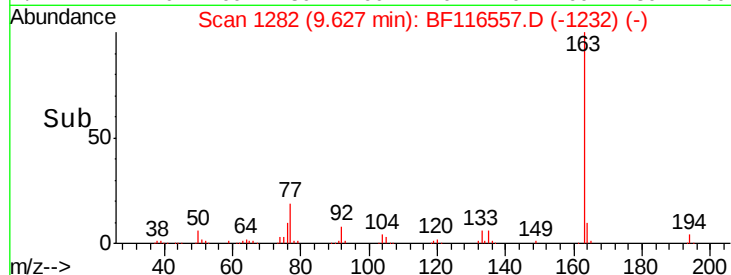
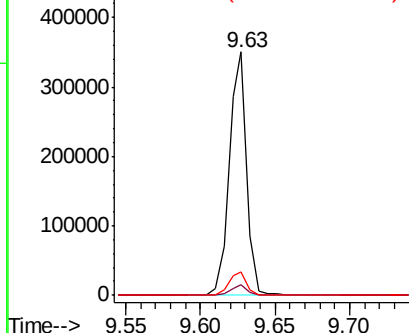
#50
Dimethylphthalate
Concen: 18.611 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116557.D
Acq: 26 Aug 2019 5:29

Instrument :
BNA_F
ClientSampled :
WC-L3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	9.6	8.2	12.2

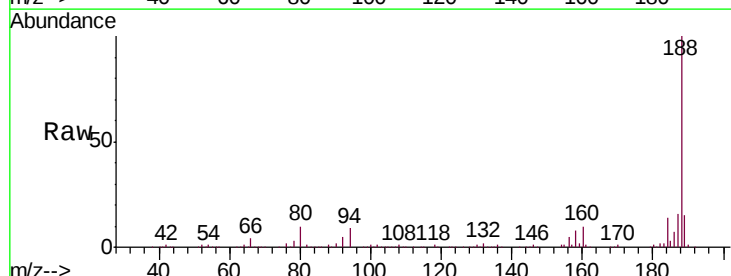


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

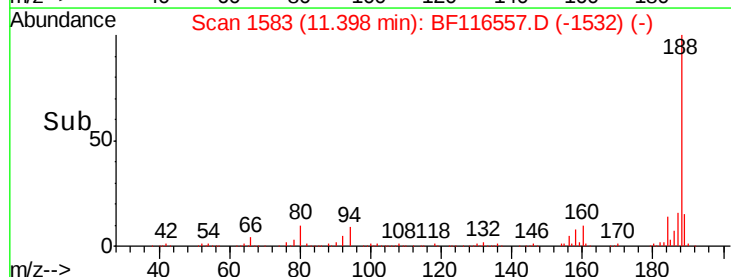
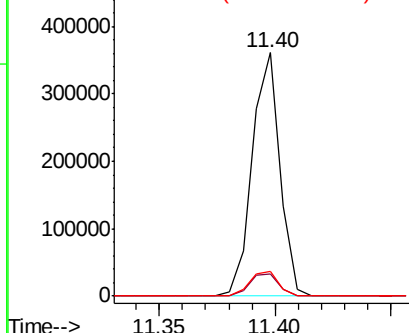


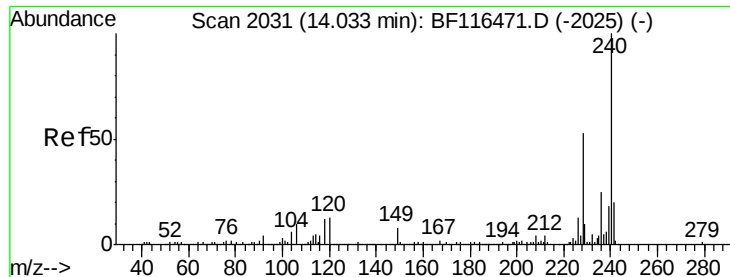
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116557.D
Acq: 26 Aug 2019 5:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.9	8.6	12.8



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

Instrument :

BNA_F

ClientSampleId :

WC-L3

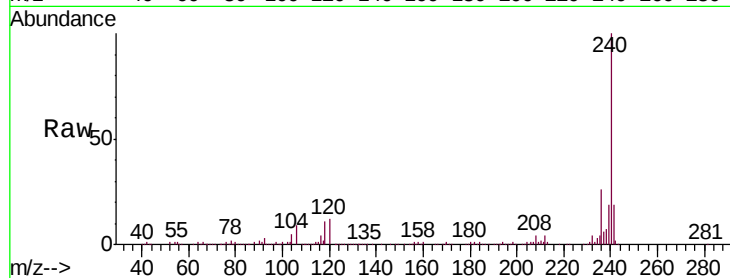
Tot Ion:240 Resp: 207749

Ion Ratio Lower Upper

240 100

120 11.8 10.5 15.7

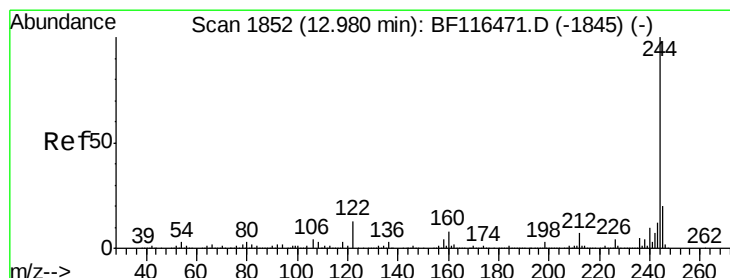
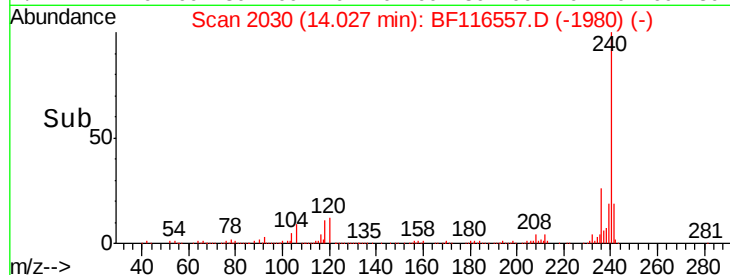
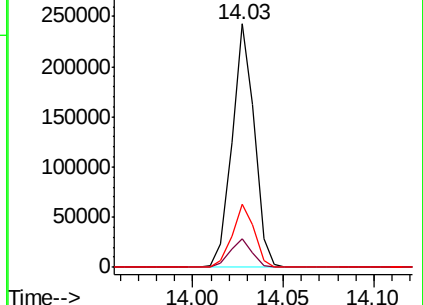
236 25.7 20.2 30.2



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: 100.441 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116557.D

Acq: 26 Aug 2019 5:29

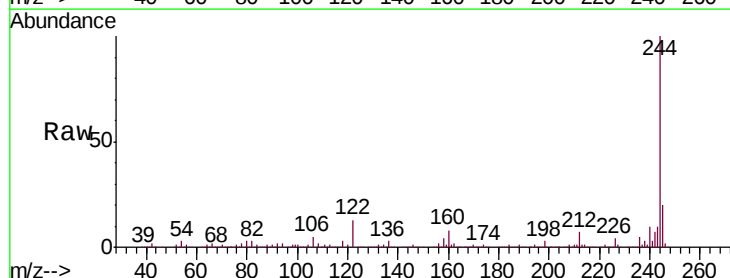
Tgt Ion:244 Resp: 1117113

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

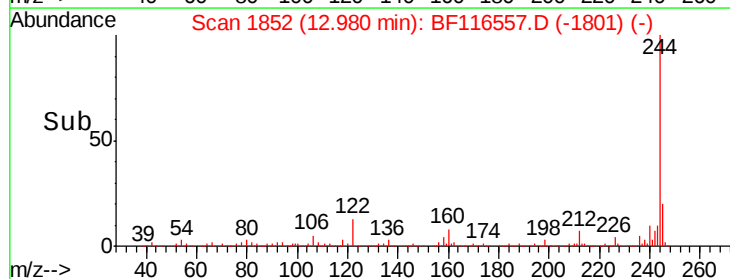
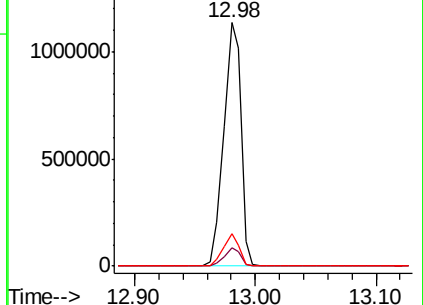
122 13.2 10.2 15.4

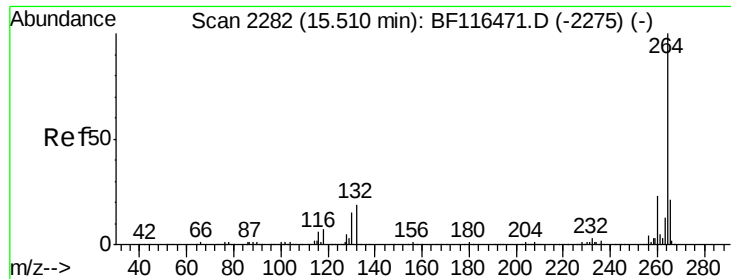


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

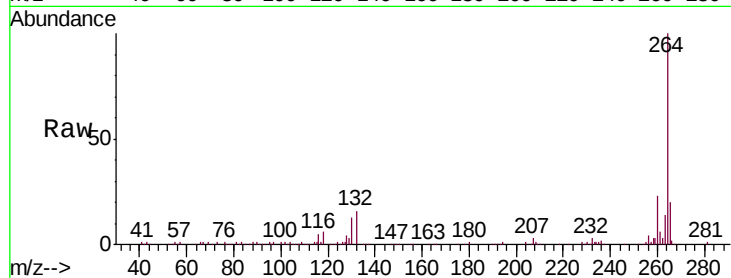




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116557.D
Acq: 26 Aug 2019 5:29

Instrument :
BNA_F
ClientSampleId :
WC-L3

Tot Ion:	264	Resp:	176272
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.4	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

