

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116227.D
 Acq On : 13 Aug 2019 13:13
 Operator : HP/JU
 Sample : K4280-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Quant Time: Aug 14 02:23:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

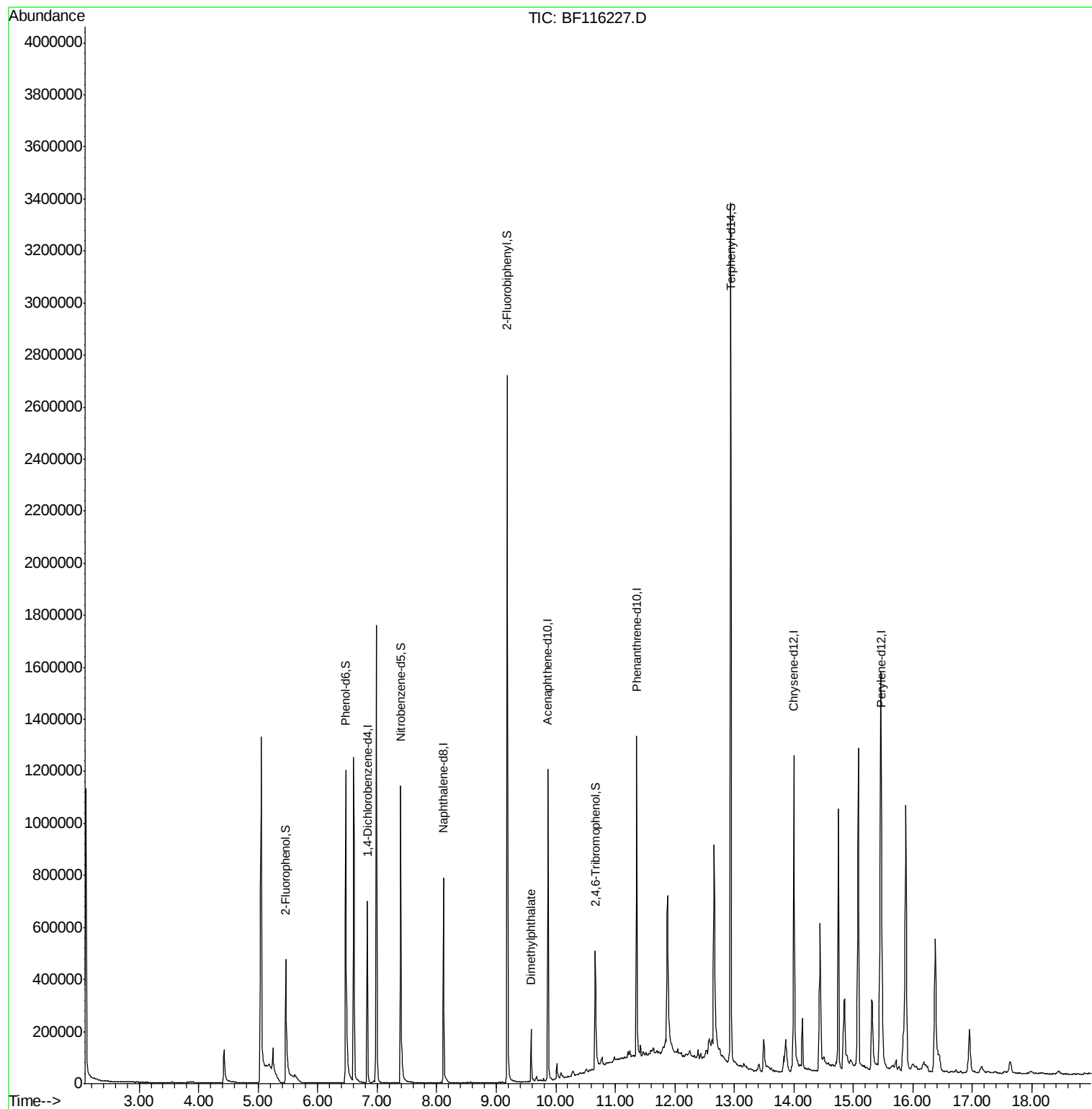
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	109030	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	435070	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	241481	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	463778	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	435338	20.00	ng	0.00
87) Perylene-d12	15.47	264	471413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	219634	33.72	ng	0.00
7) Phenol-d6	6.47	99	571511	69.55	ng	-0.02
23) Nitrobenzene-d5	7.39	82	453226	60.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	70212	29.99	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	859711	66.68	ng	-0.02
79) Terphenyl-d14	12.94	244	1099928	53.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	101127	6.150	ng	Qvalue 99

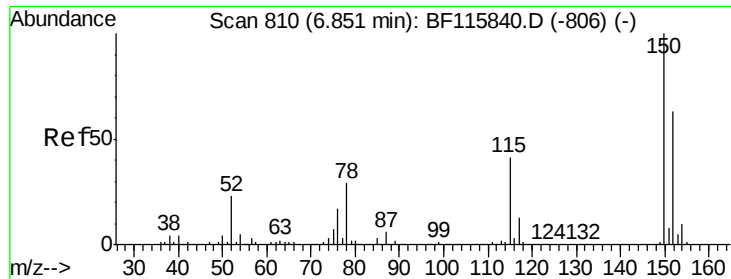
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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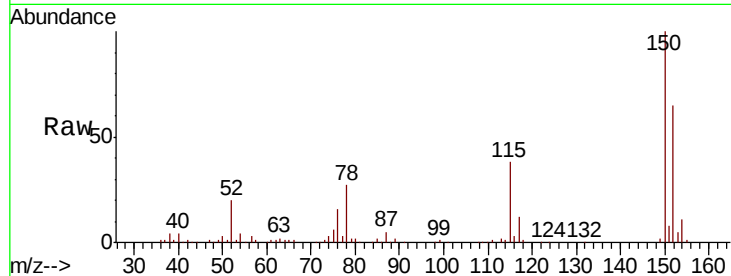


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Instrument :
BNA_F
ClientSampled :
VNJ-201

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	59.2	49.9	74.9

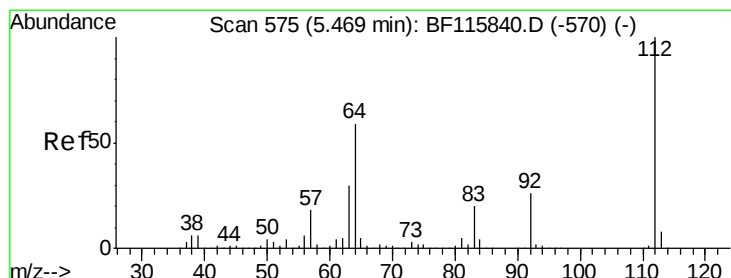
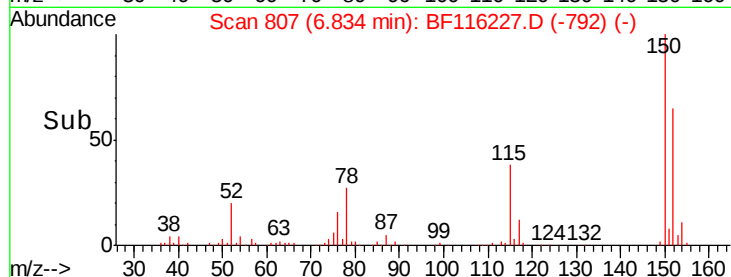
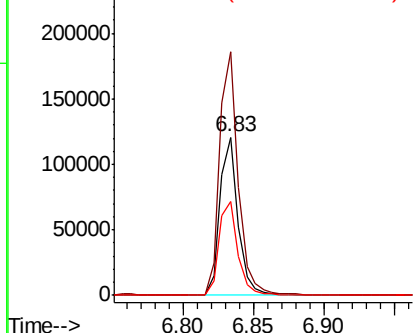


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

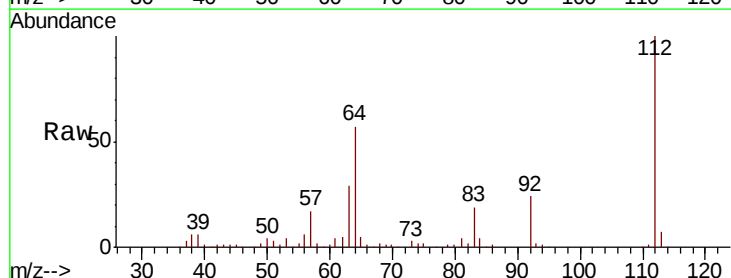
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.723 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	28.6	23.7	35.5

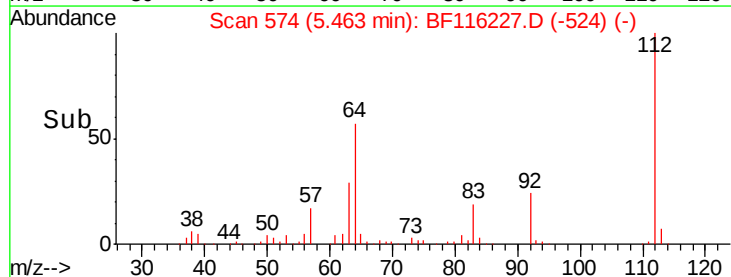
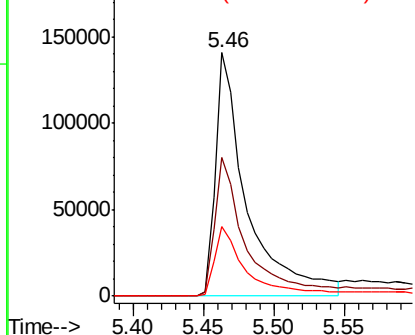


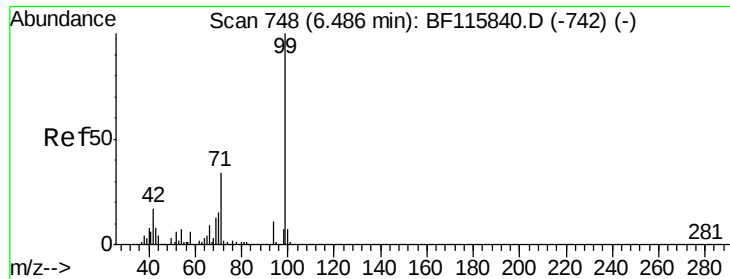
Abundance

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: 69.551 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

VNJ-201

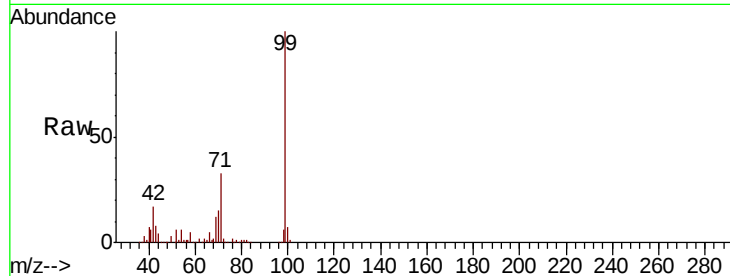
Tot Ion: 99 Resp: 571511

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

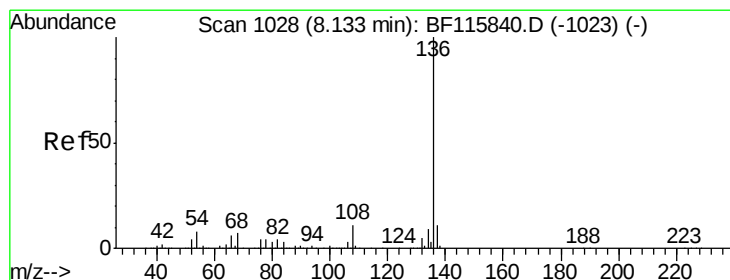
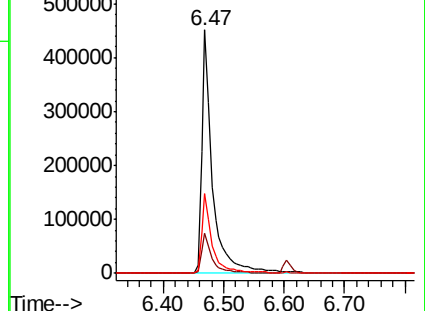
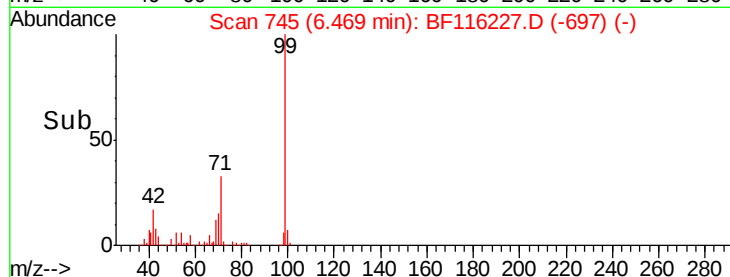
71 32.8 27.3 40.9



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Tgt Ion: 136 Resp: 435070

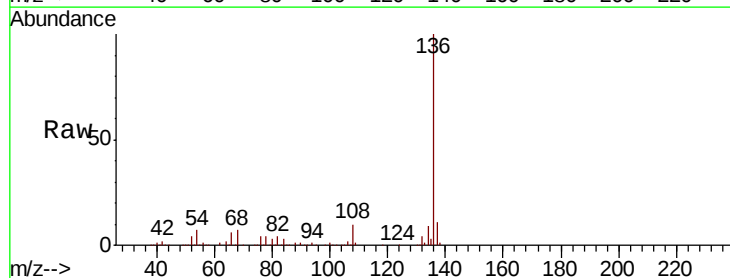
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 6.6 5.2 7.8

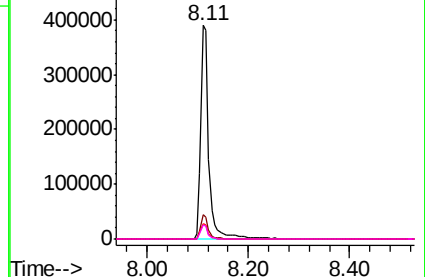
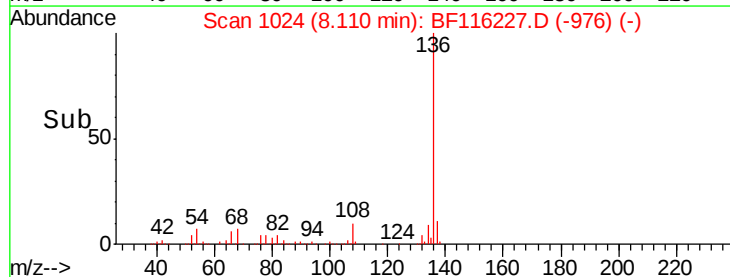


Abundance Ion 136.00 (135.70 to 136.70): E

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

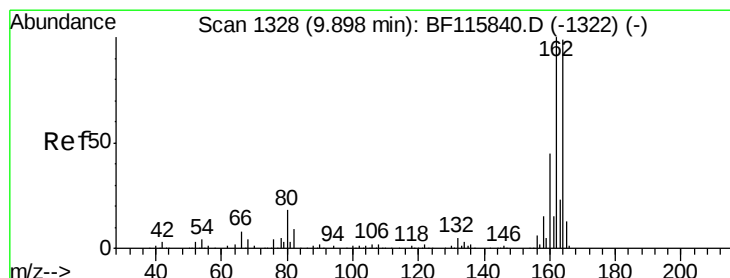
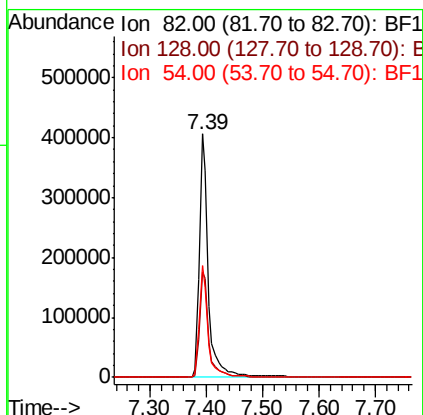
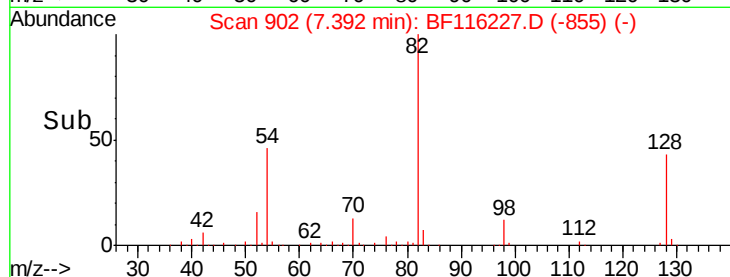
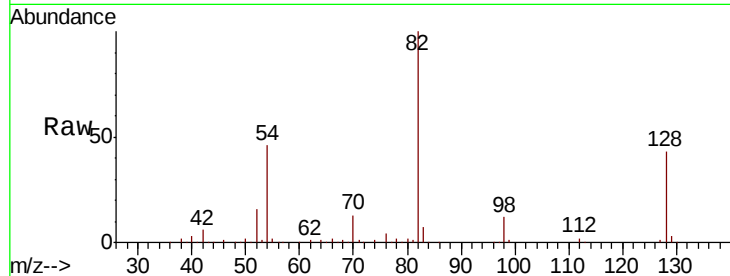




#23
 Nitrobenzene-d5
 Concen: 60.132 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116227.D
 Acq: 13 Aug 2019 13:13

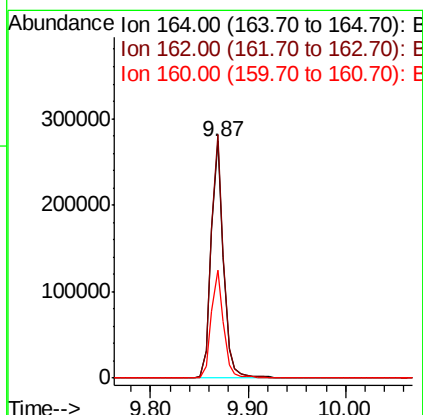
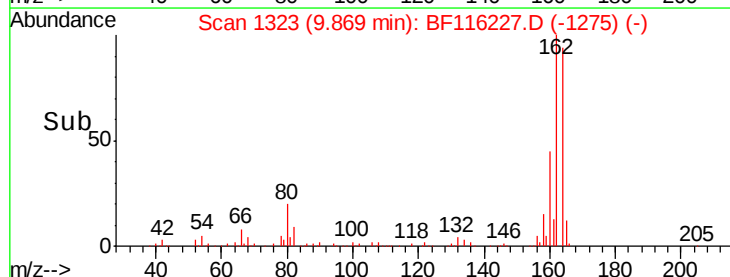
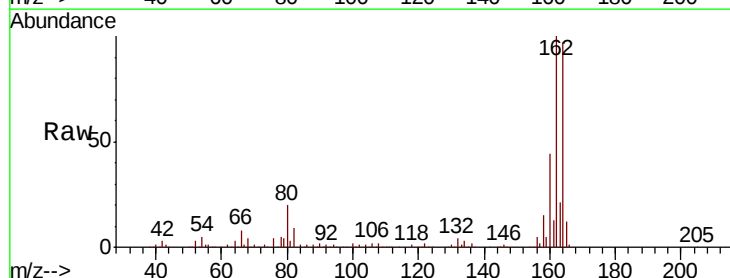
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Tot Ion: 82 Resp: 453226
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.5 54.7
 54 45.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116227.D
 Acq: 13 Aug 2019 13:13

Tgt Ion: 164 Resp: 241481
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 124.0
 160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 29.989 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

VNJ-201

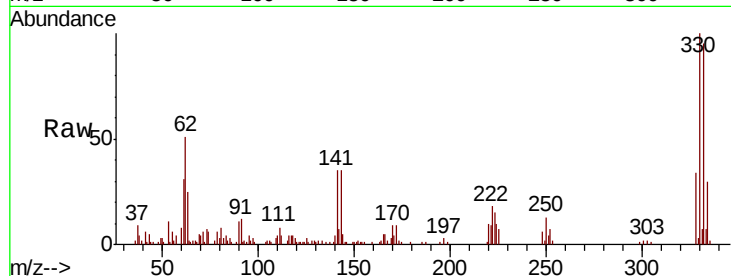
Tot Ion:330 Resp: 70212

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

141 37.2 26.3 39.5

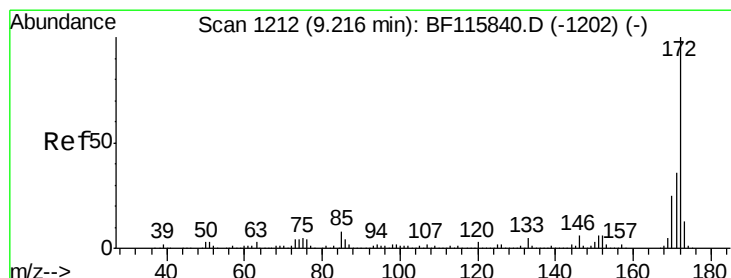
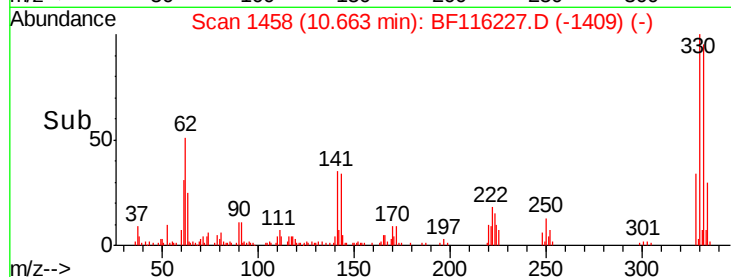
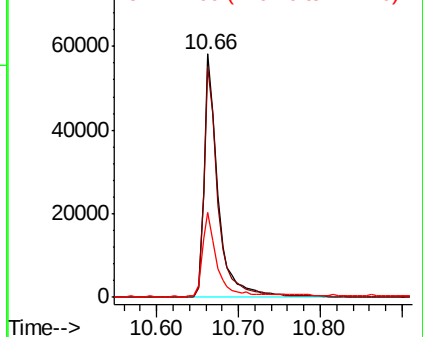


Abundance

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: 66.684 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

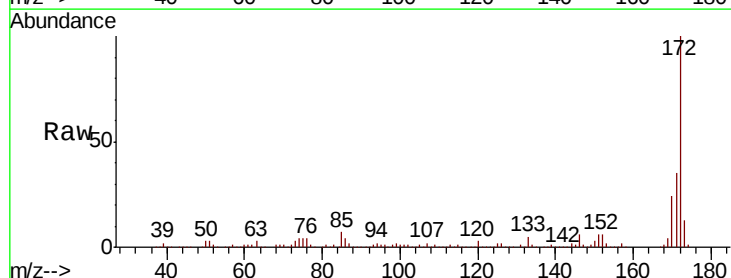
Tgt Ion:172 Resp: 859711

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

170 24.4 20.1 30.1

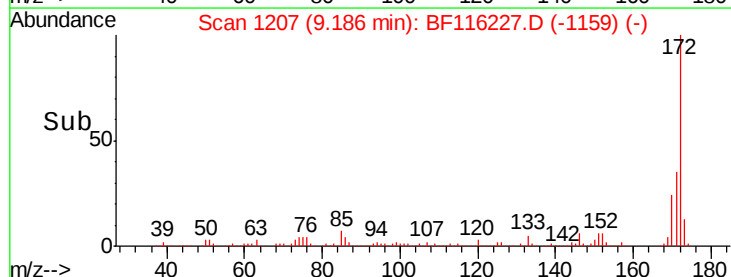
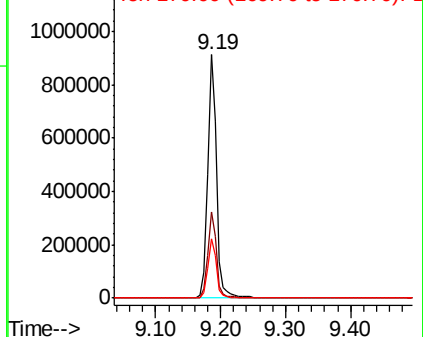


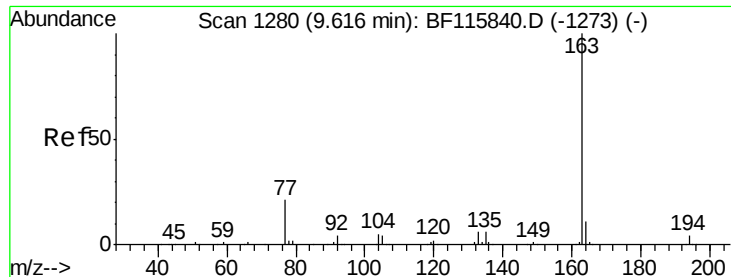
Abundance

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

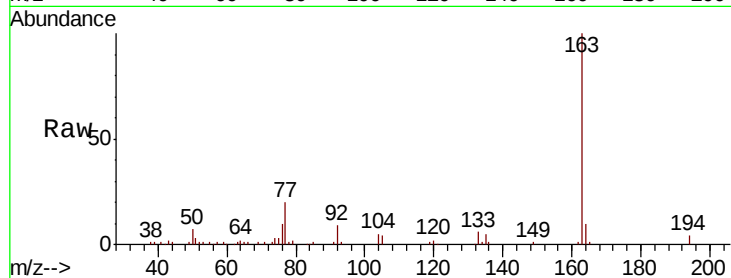




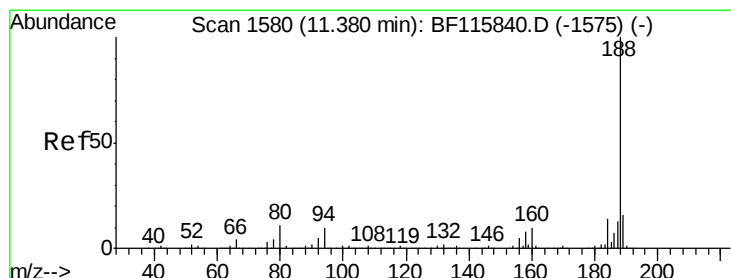
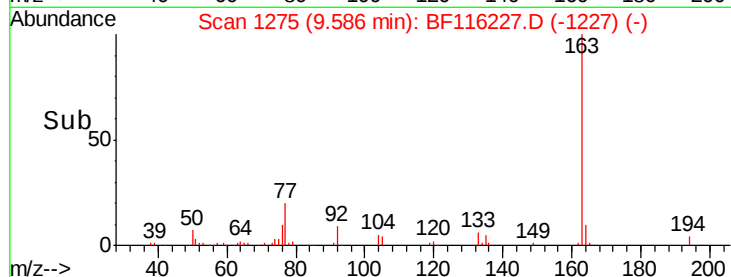
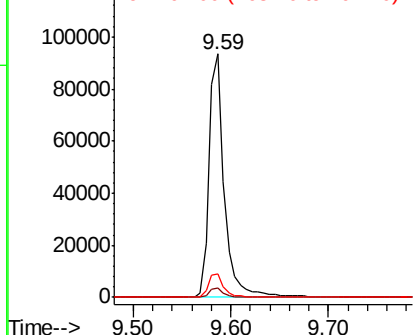
#50
Dimethylphthalate
Concen: 6.150 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
VNJ-201

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.9	8.4	12.6

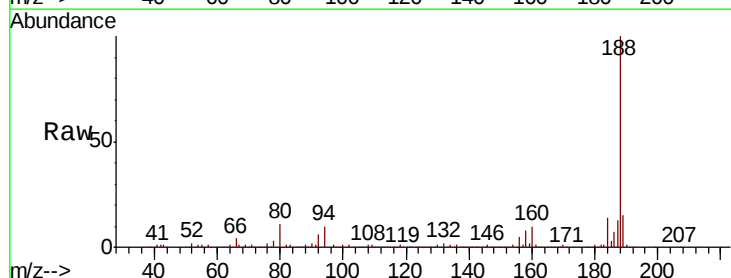


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

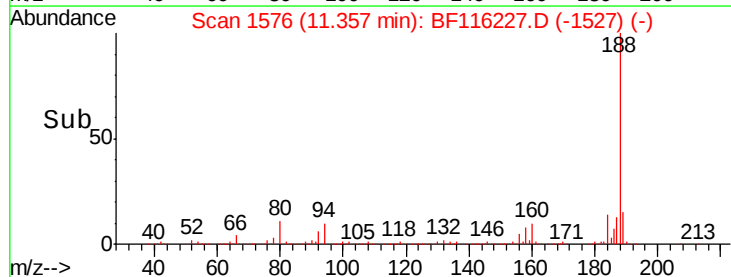
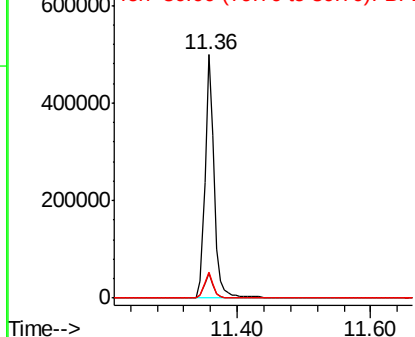


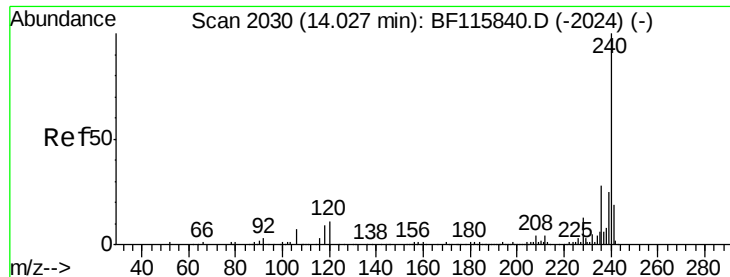
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.6	8.7	13.1



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

VNJ-201

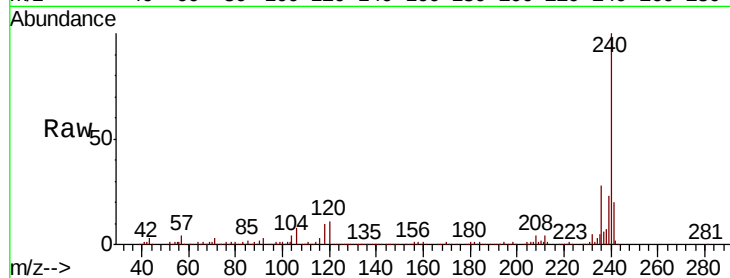
Tot Ion:240 Resp: 435338

Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

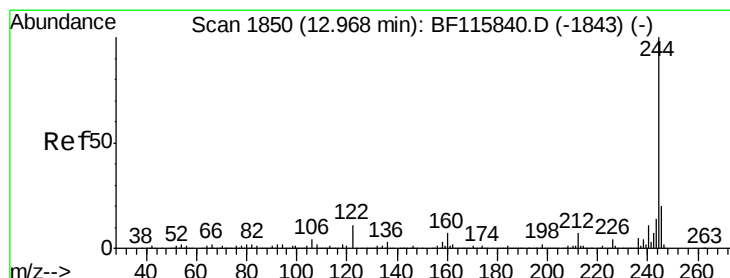
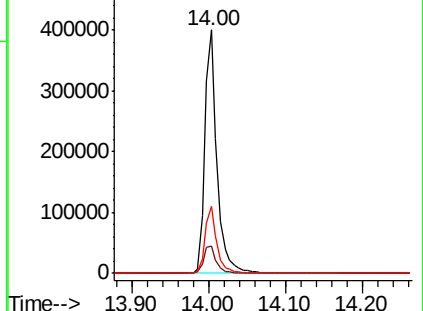
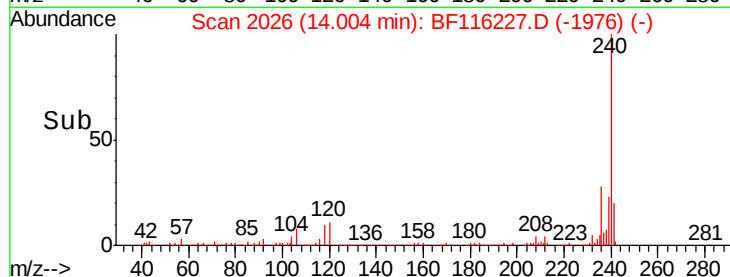
236 27.7 22.2 33.2



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: 53.240 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

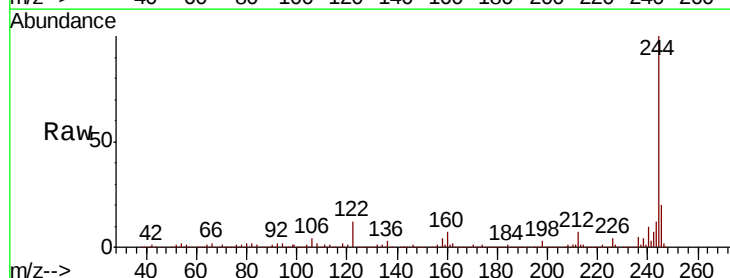
Tgt Ion:244 Resp: 1099928

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

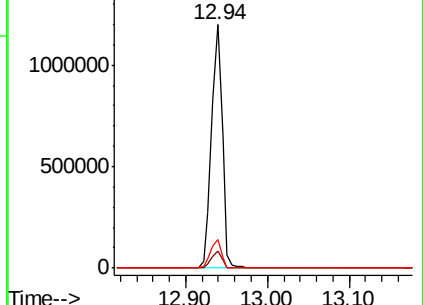
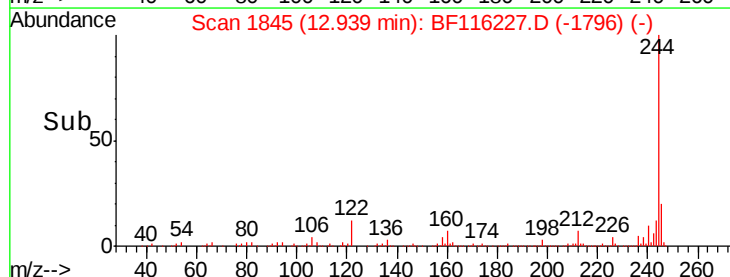
122 11.9 9.0 13.4

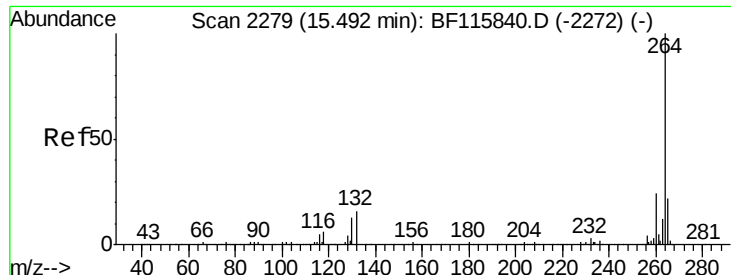


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF116227.D
 Acq: 13 Aug 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.5	17.4	26.0

