

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 13 23:17:21 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

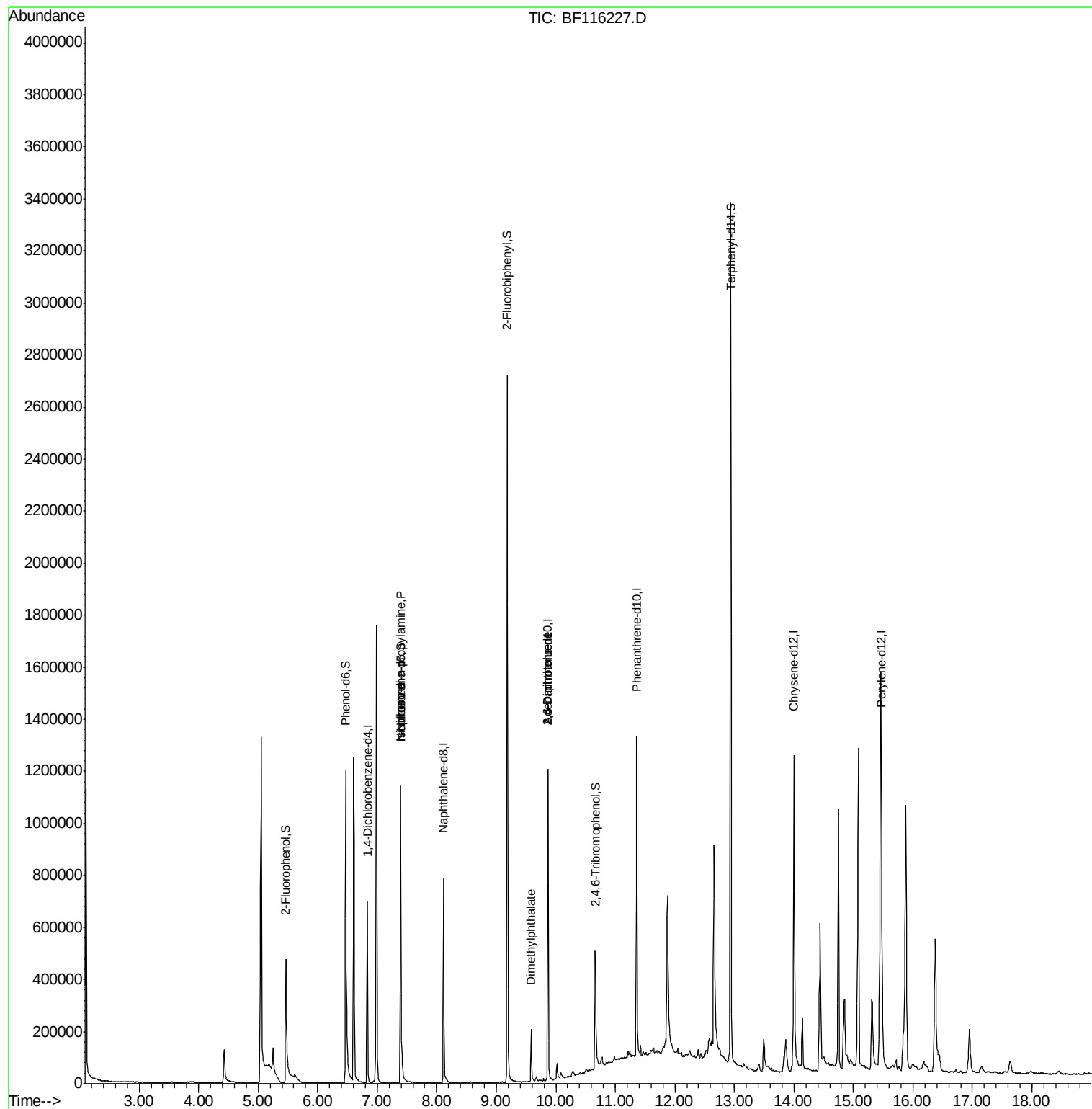
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	109030	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	435070	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	241481	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	463778	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	435338	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						
19) n-Nitroso-di-n-propylamine	7.39	70	58563	11.501	ng	# 82
25) Isophorone	7.39	82	453223	31.447	ng	# 65
50) Dimethylphthalate	9.59	163	101127	6.150	ng	99
51) 2,6-Dinitrotoluene	9.87	165	30911	8.651	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	30911	6.497	ng	# 21

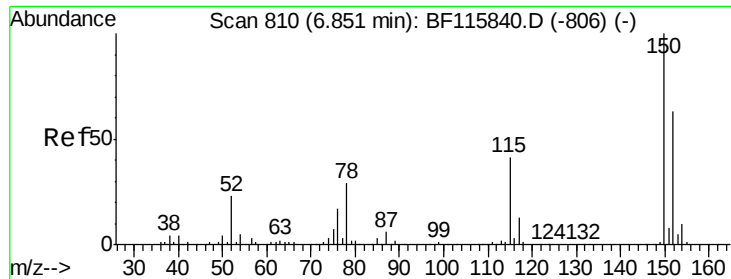
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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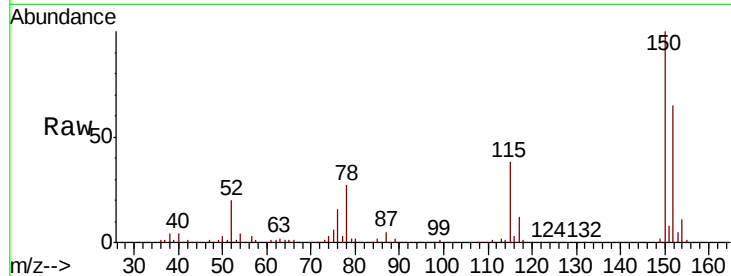


#1

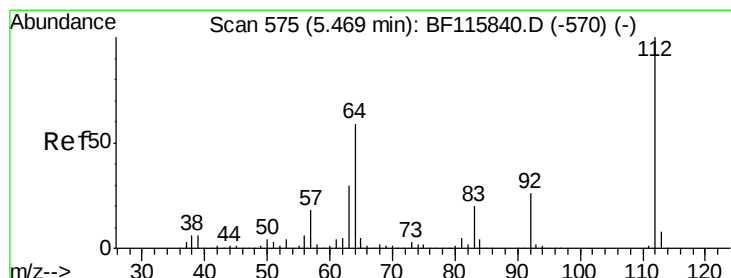
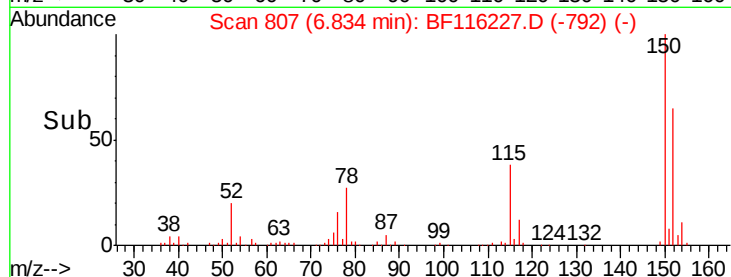
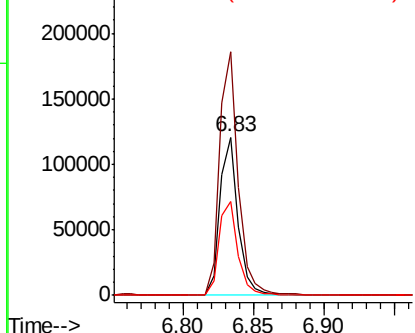
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
VNJ-201

Tgt Ion:152 Resp: 109030
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 59.2 49.9 74.9



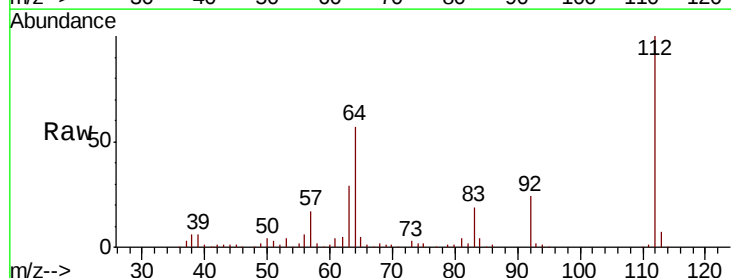
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



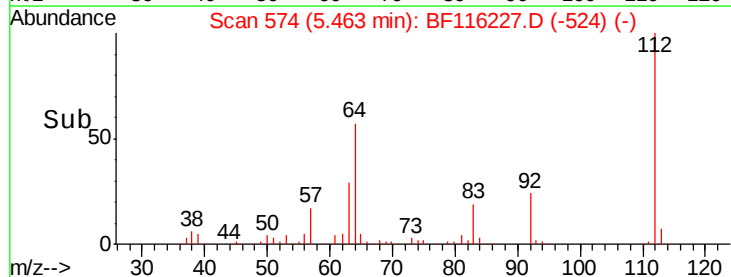
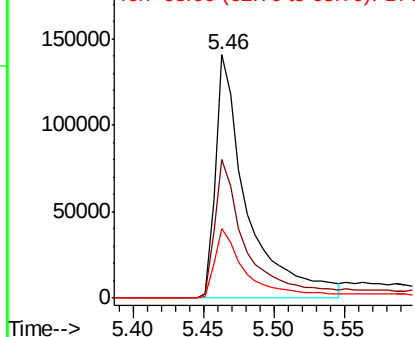
#5

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:112 Resp: 219634
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

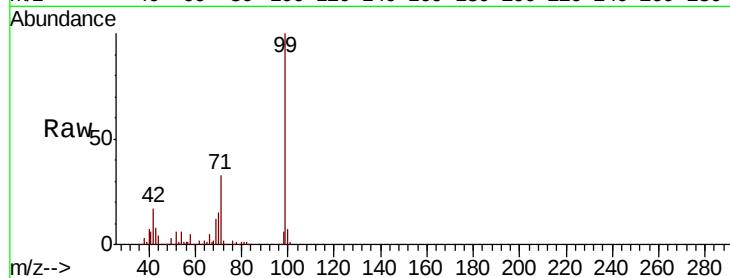
Tgt Ion: 99 Resp: 571511

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

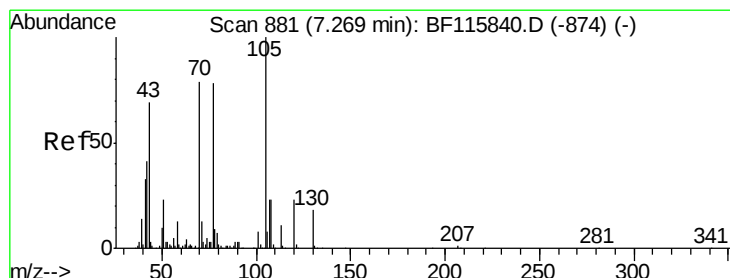
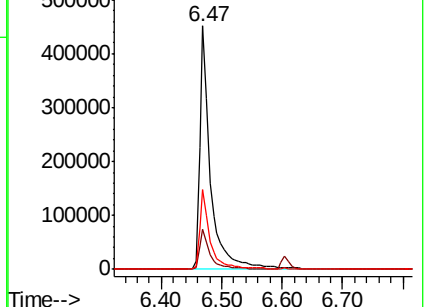
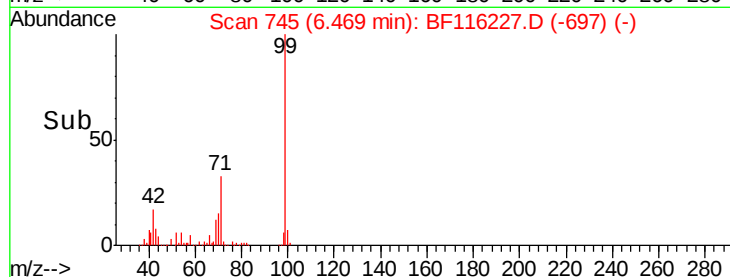
71 32.8 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.501 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.12 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Tgt Ion: 70 Resp: 58563

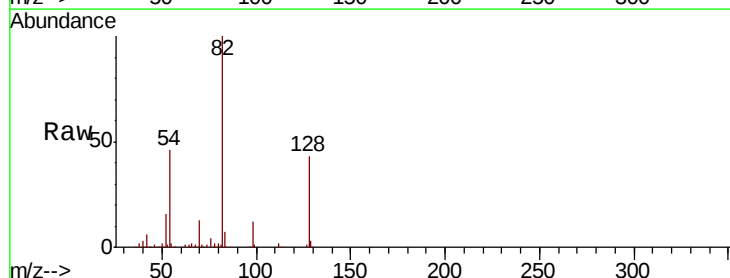
Ion Ratio Lower Upper

70 100

42 46.5 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

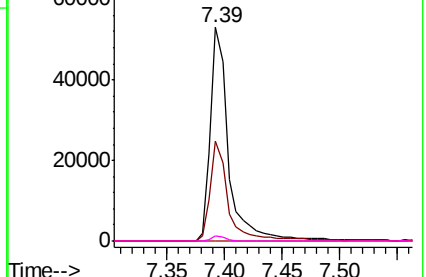
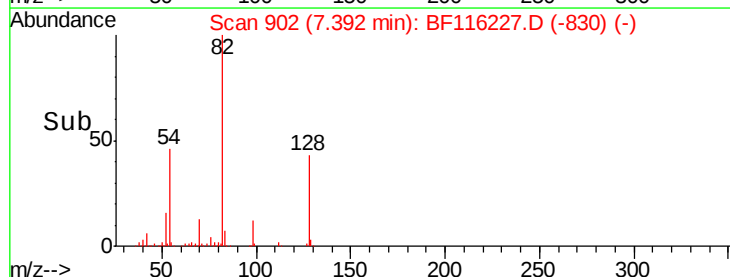


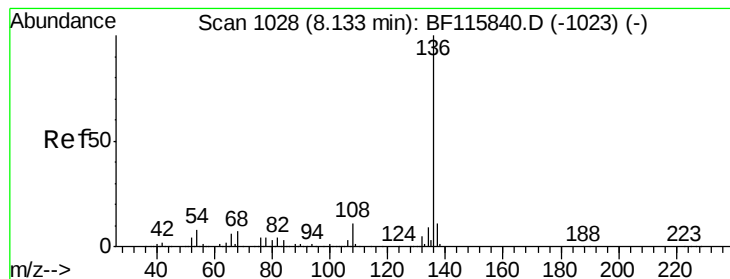
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): 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

Instrument :

BNA_F

ClientSampleId :

VNJ-201

Tgt Ion:136 Resp: 435070

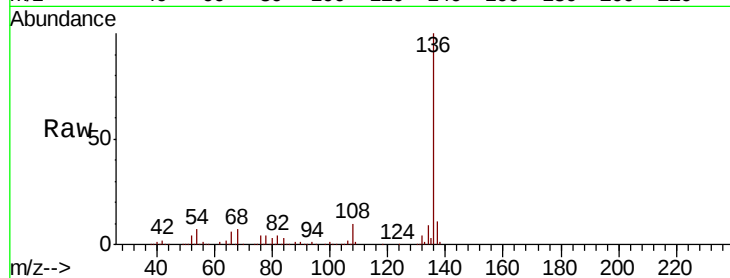
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.3 5.8 8.6

68 6.6 5.2 7.8

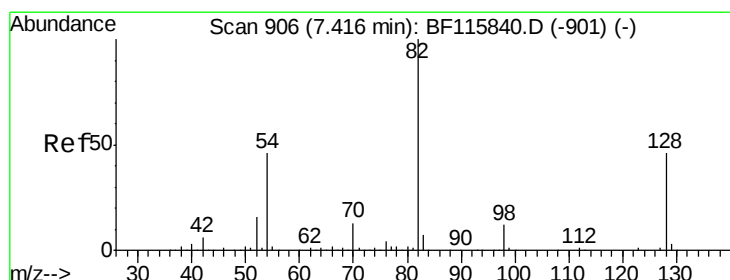
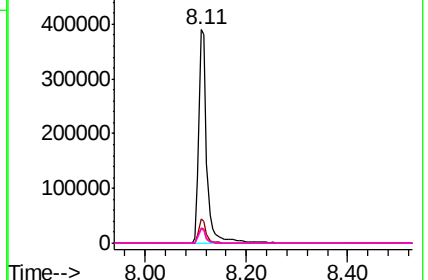
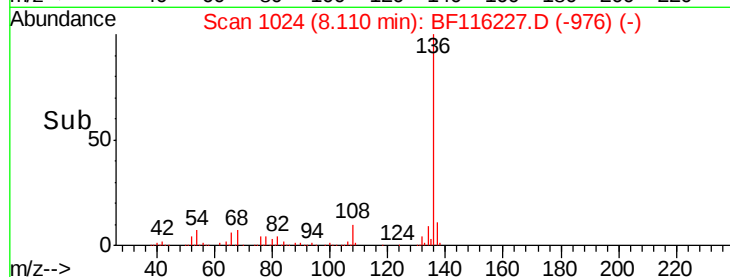


Abundance Ion 136.00 (135.70 to 136.70): E

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

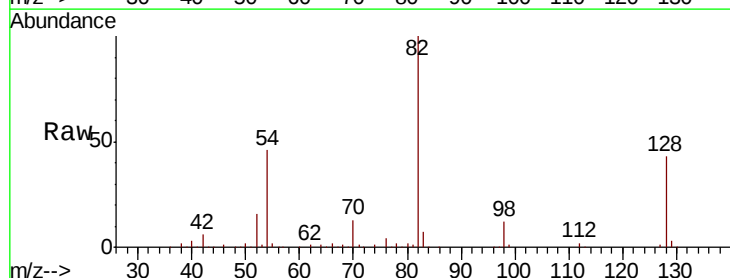
Tgt Ion: 82 Resp: 453226

Ion Ratio Lower Upper

82 100

128 43.1 36.5 54.7

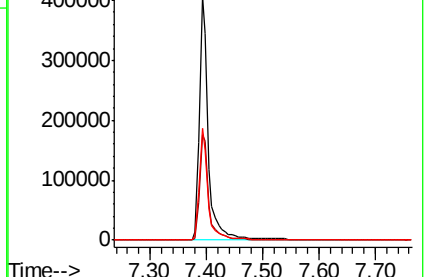
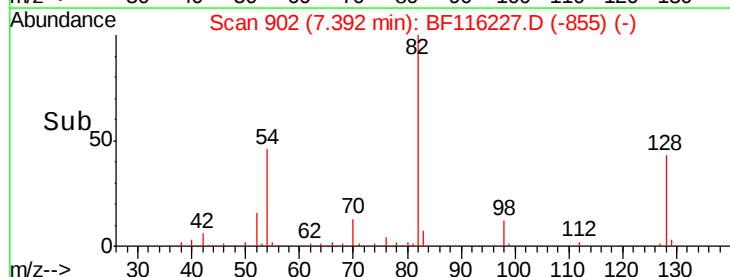
54 45.8 36.0 54.0

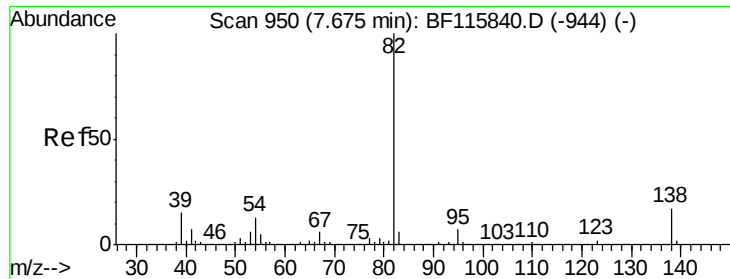


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.447 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

VNJ-201

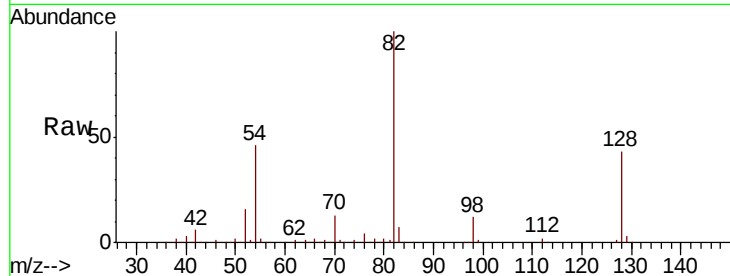
Tgt Ion: 82 Resp: 453223

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

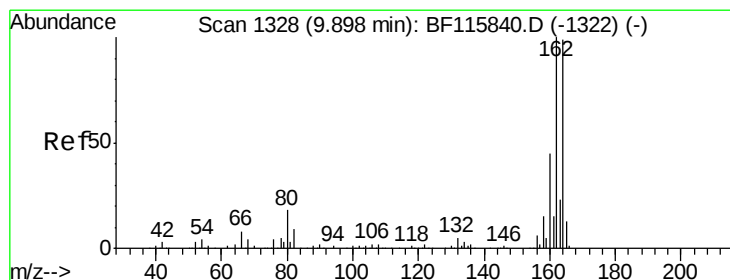
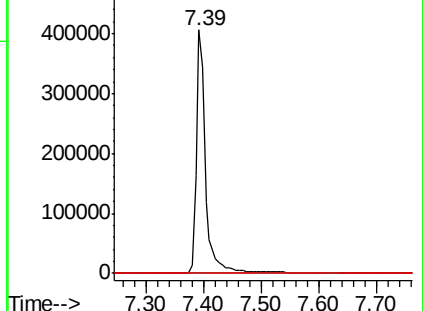
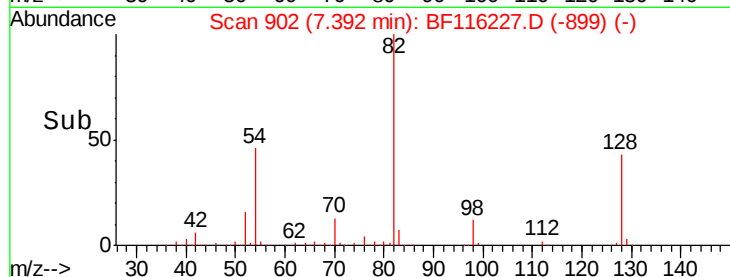
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#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

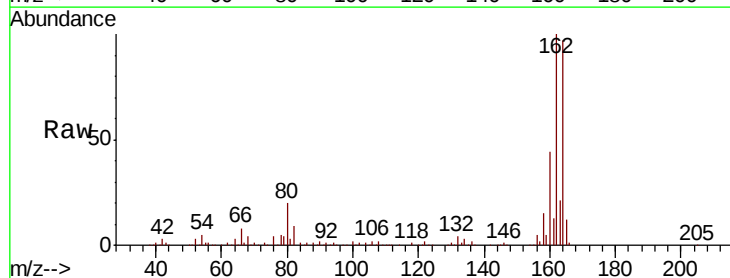
Tgt Ion: 164 Resp: 241481

Ion Ratio Lower Upper

164 100

162 102.9 82.6 124.0

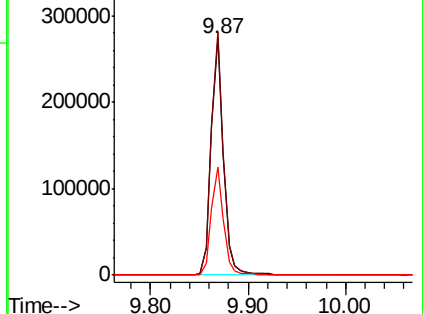
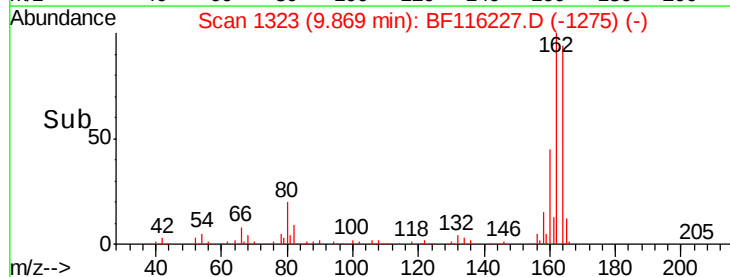
160 45.7 37.6 56.4

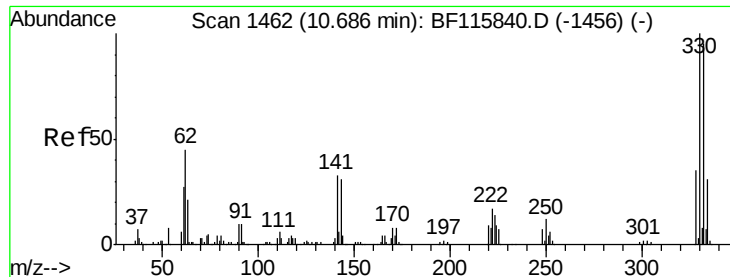


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

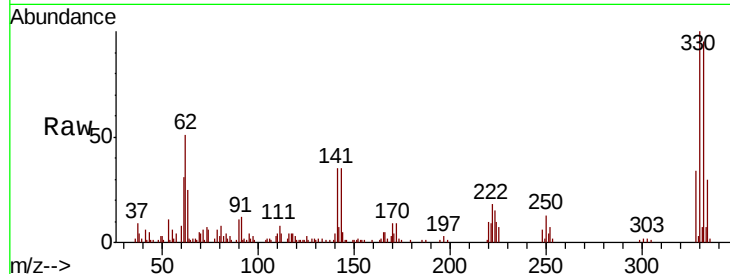




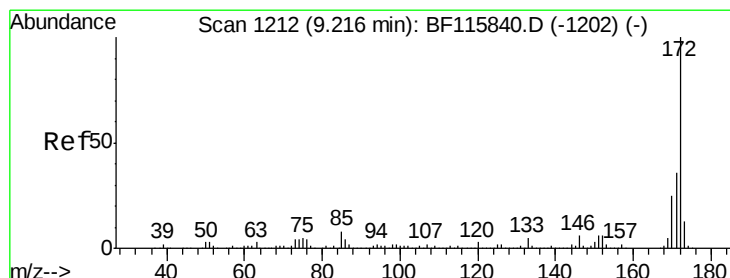
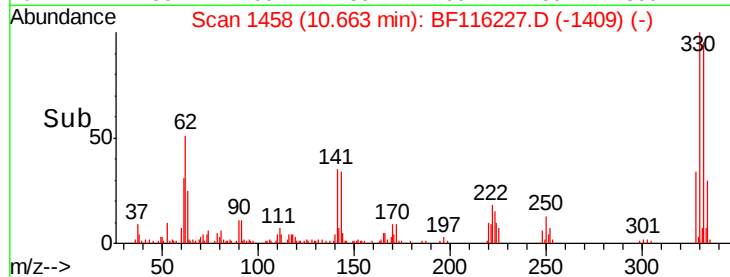
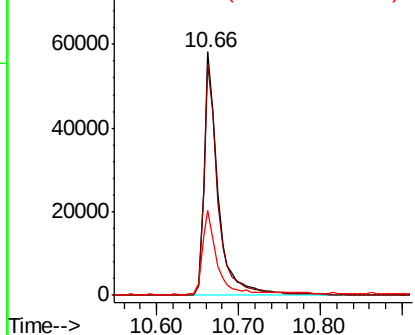
#42
 2,4,6-Tribromophenol
 Concen: 29.989 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116227.D
 Acq: 13 Aug 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Tgt Ion:330 Resp: 70212
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 37.2 26.3 39.5

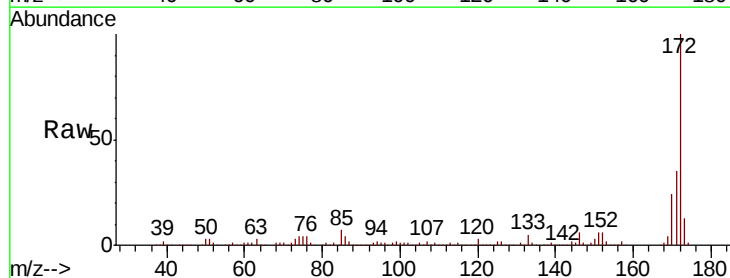


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

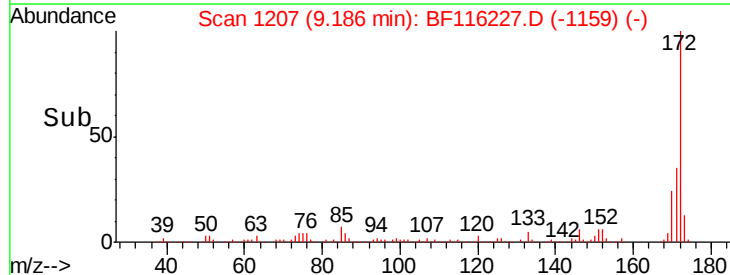
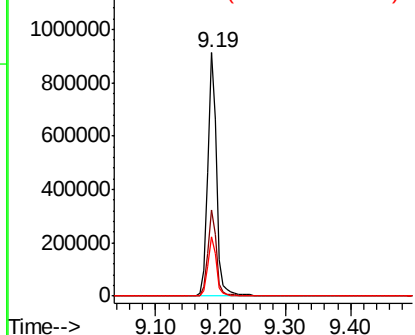


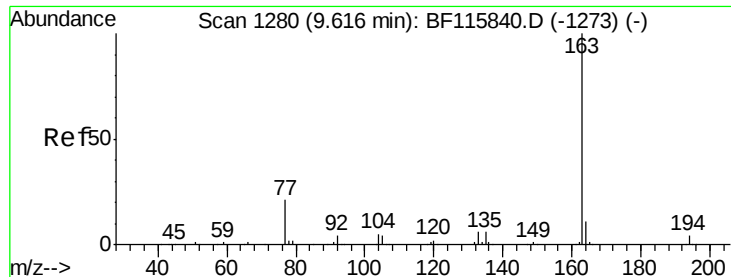
#45
 2-Fluorobiphenyl
 Concen: 66.684 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116227.D
 Acq: 13 Aug 2019 13:13

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

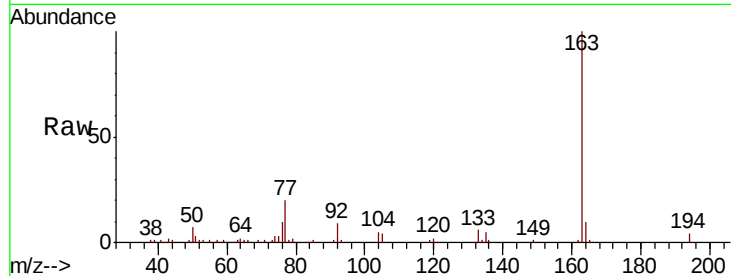




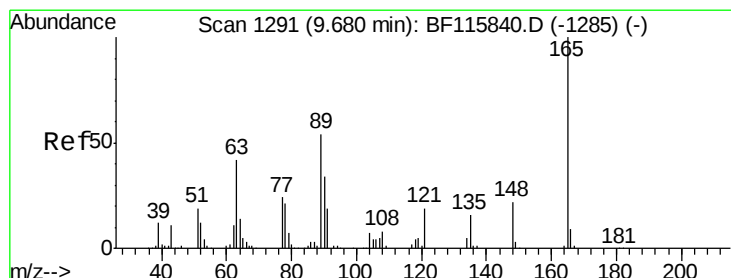
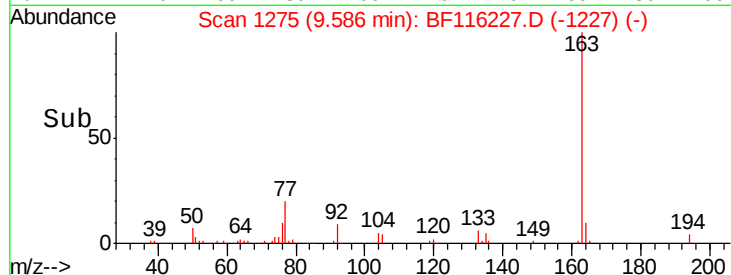
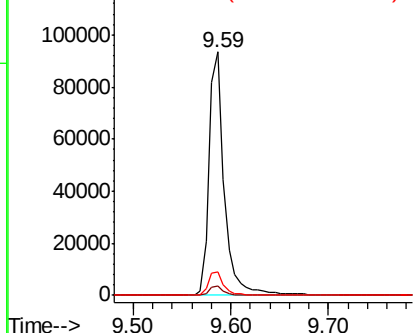
#50
Dimethylphthalate
Concen: 6.150 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
VNJ-201

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

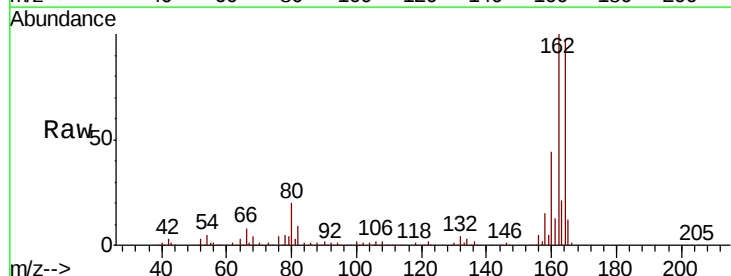


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

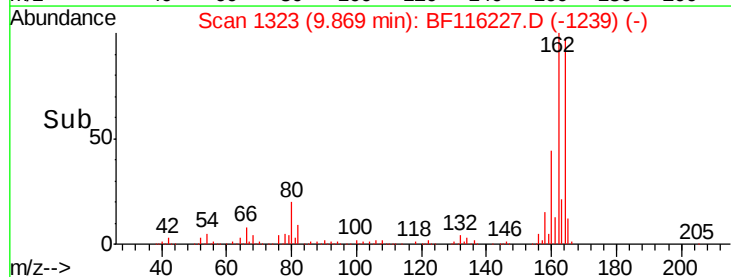
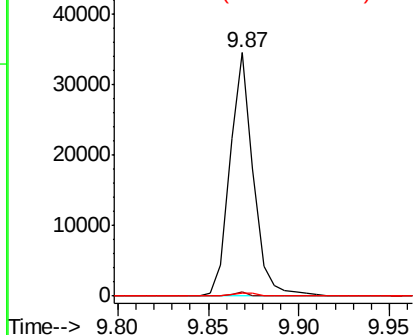


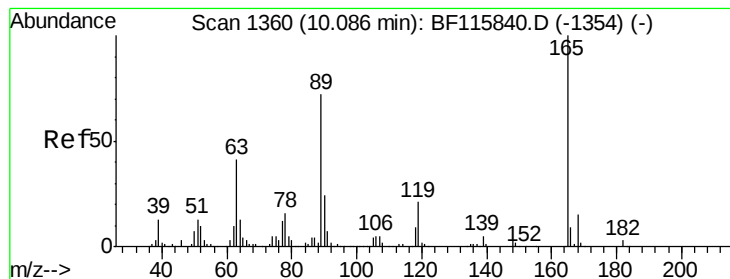
#51
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.2	57.2#
89	1.4	42.9	64.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.497 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116227.D

Acq: 13 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

VNJ-201

Tgt Ion:165 Resp: 30911

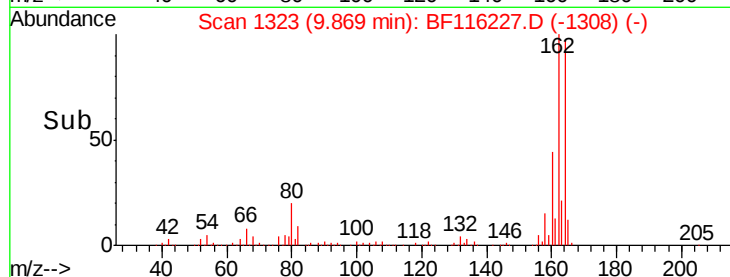
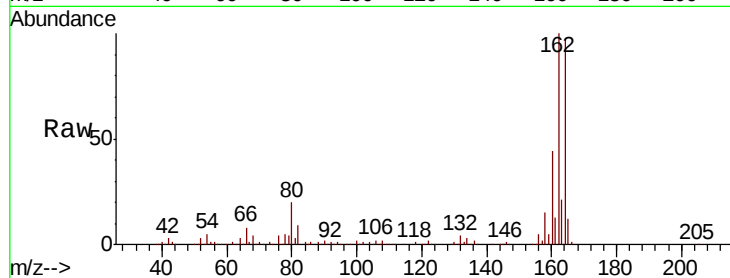
Ion Ratio Lower Upper

165 100

63 1.5 39.6 59.4#

89 1.4 62.2 93.2#

182 0.0 2.1 3.1#

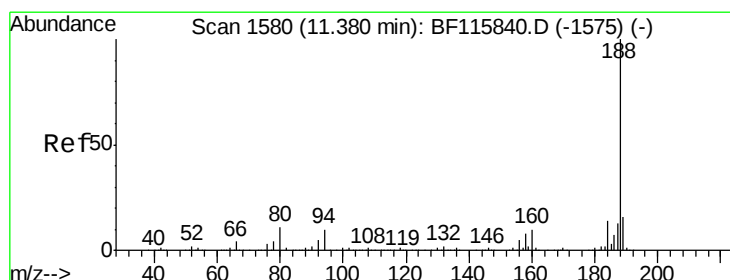
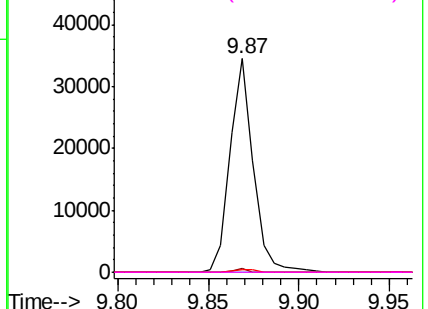


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

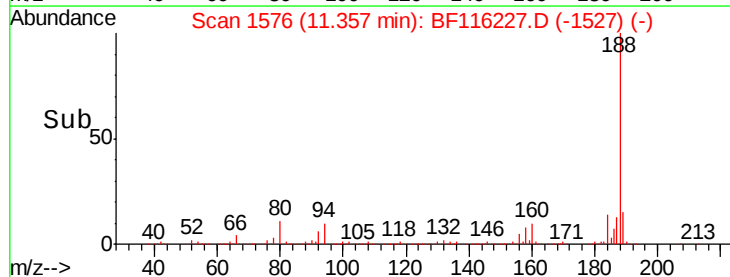
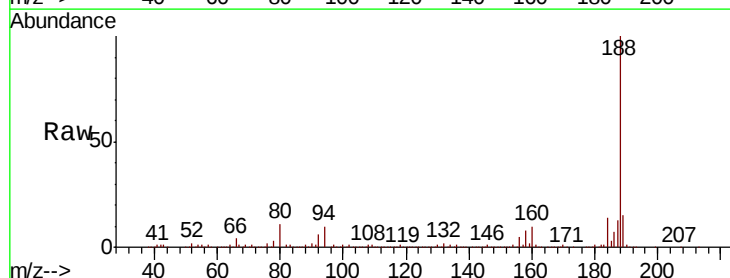
Tgt Ion:188 Resp: 463778

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

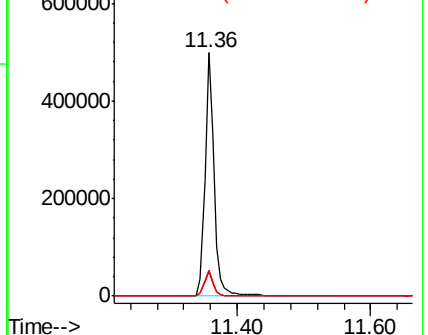
80 10.6 8.7 13.1

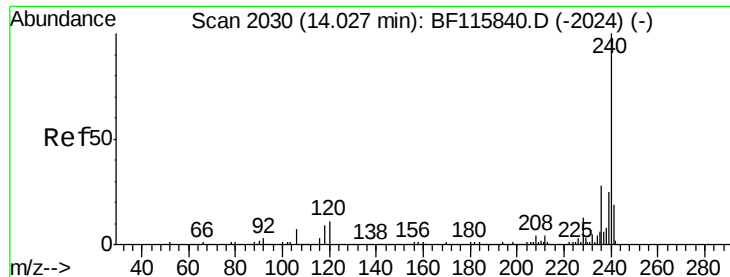


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

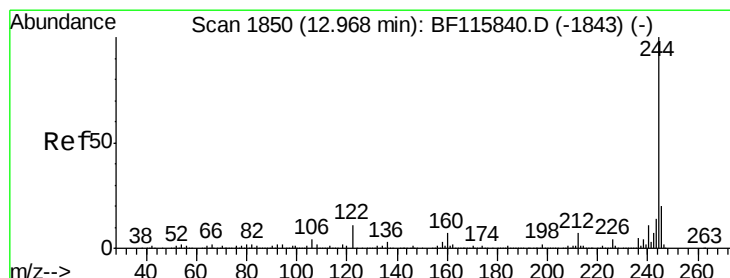
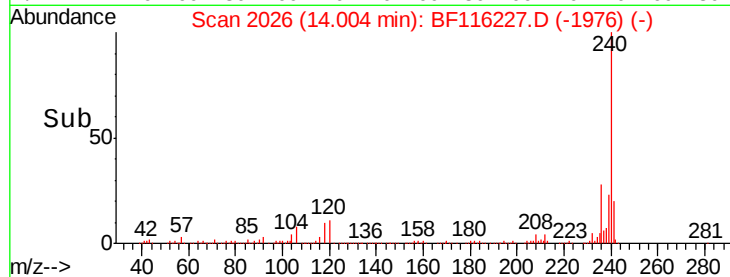
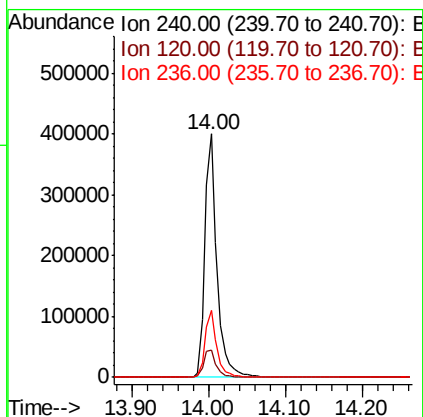
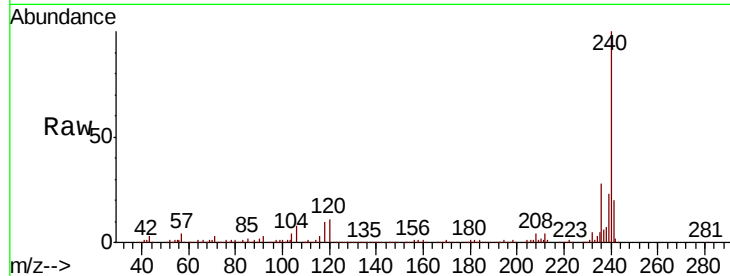




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116227.D
Acq: 13 Aug 2019 13:13

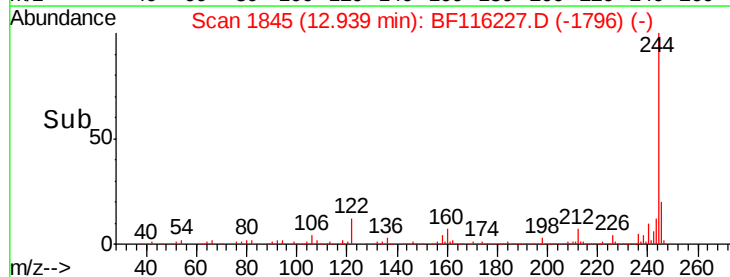
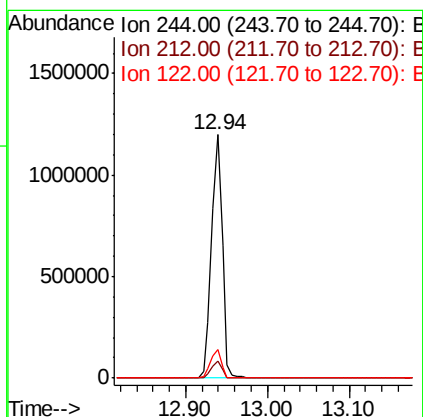
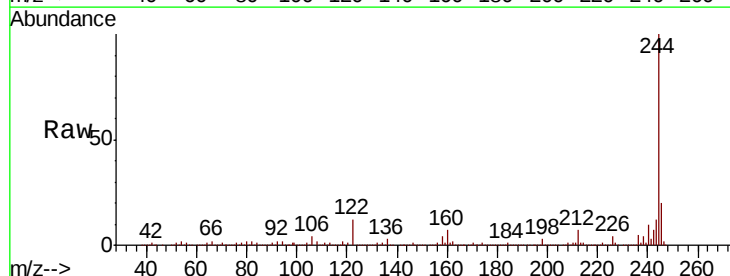
Instrument :
BNA_F
ClientSampleId :
VNJ-201

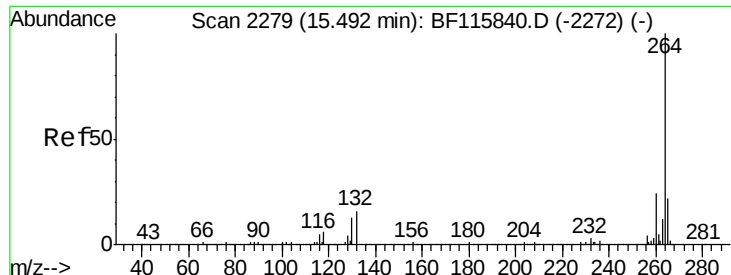
Tgt Ion:240 Resp: 435338
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 27.7 22.2 33.2



#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





#87
Perylene-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

Tgt Ion: 264 Resp: 471413
Ion Ratio Lower Upper
264 100
260 24.5 19.7 29.5
265 21.5 17.4 26.0

