

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119091.D
 Acq On : 26 Feb 2020 13:26
 Operator : CG/JU
 Sample : L1678-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

Quant Time: Feb 26 16:25:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

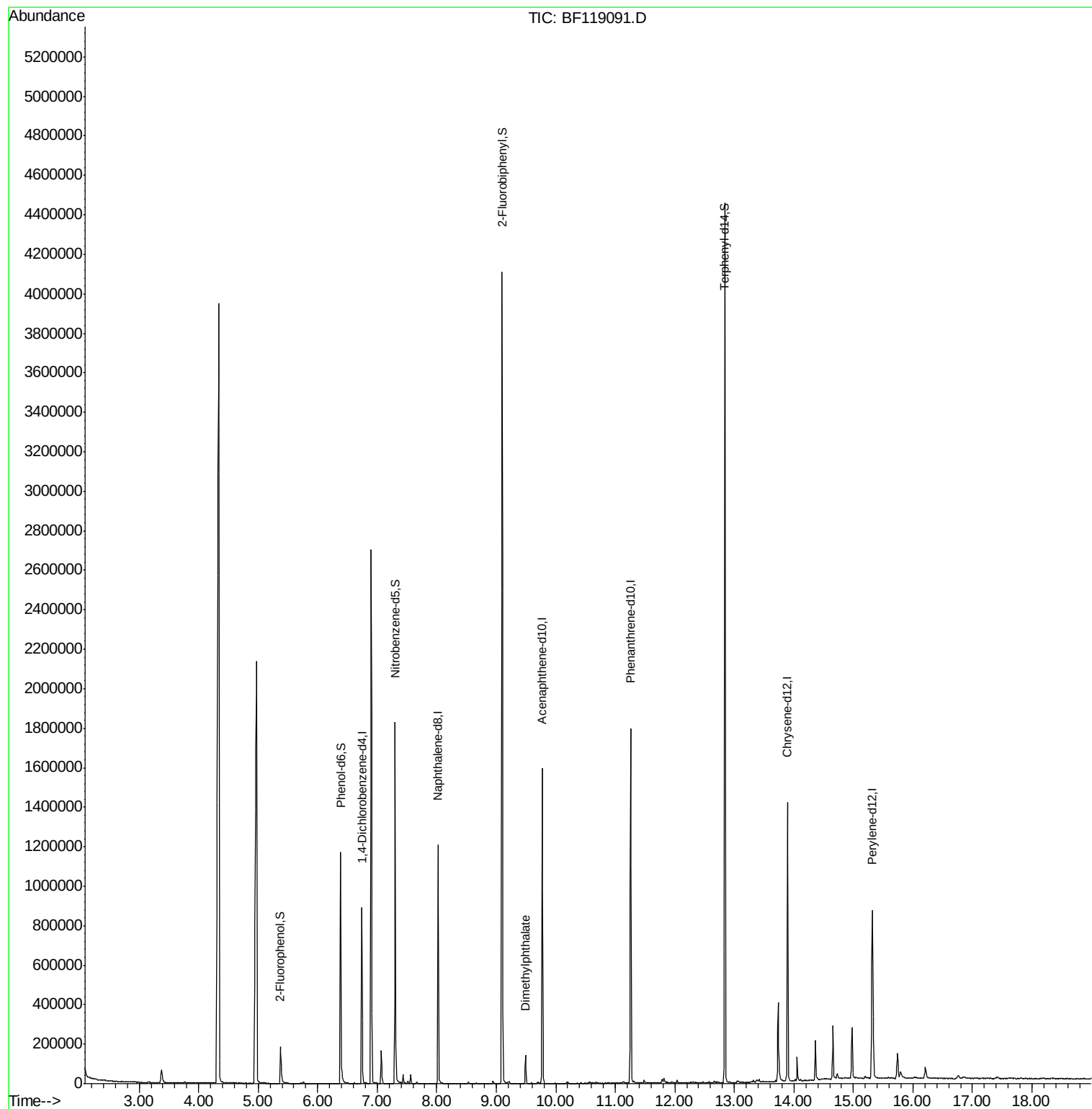
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	152229	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	592472	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	336939	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	641195	20.00	ng	0.00
76) Chrysene-d12	13.89	240	513368	20.00	ng	-0.01
87) Perylene-d12	15.32	264	395211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	74831	8.21	ng	0.00
7) Phenol-d6	6.39	99	473868	42.77	ng	-0.02
23) Nitrobenzene-d5	7.30	82	644281	57.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	1787	0.41	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1342022	58.68	ng	-0.01
79) Terphenyl-d14	12.84	244	1778136	59.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	60518	2.349	ng	Qvalue 100

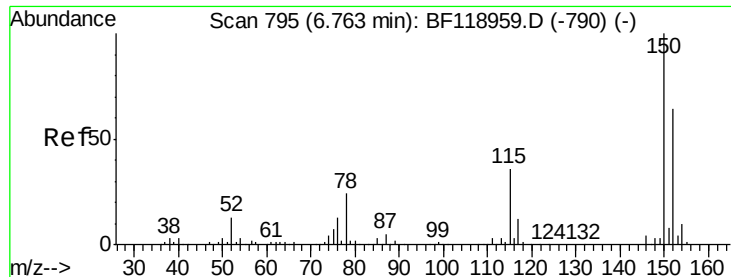
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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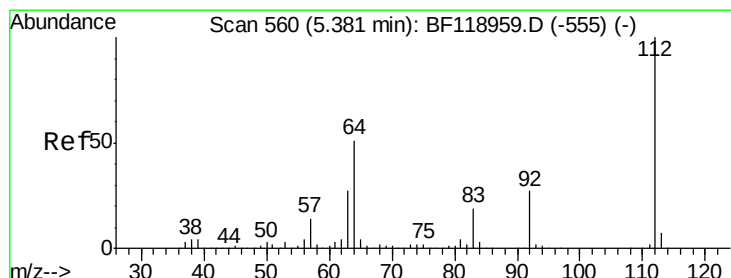
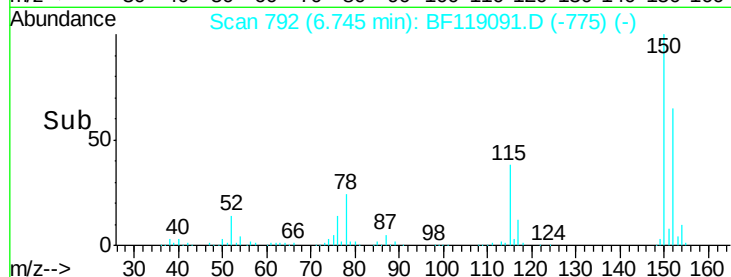
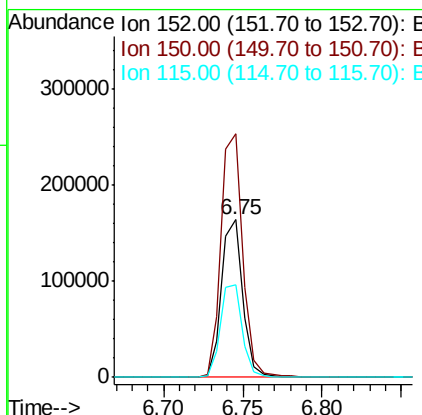
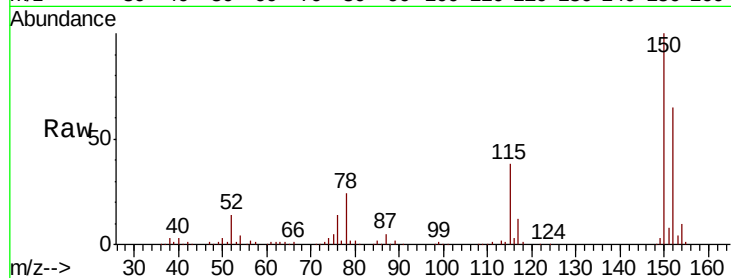


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Instrument :
BNA_F
ClientSampleId :
VNJ-227

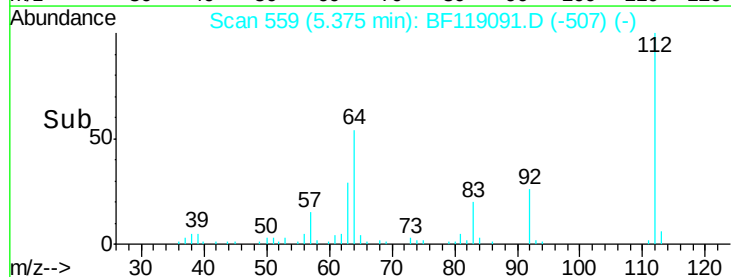
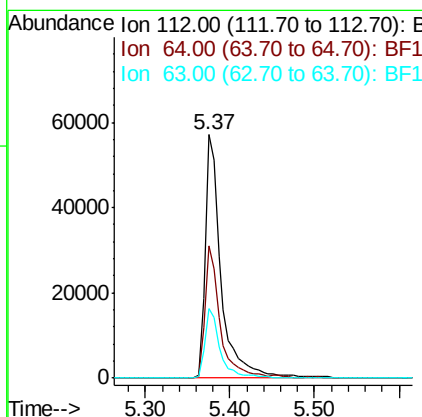
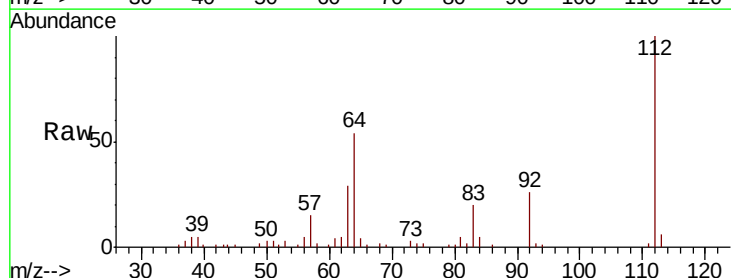
Tot Ion:152 Resp: 152229
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 58.7 49.5 74.3

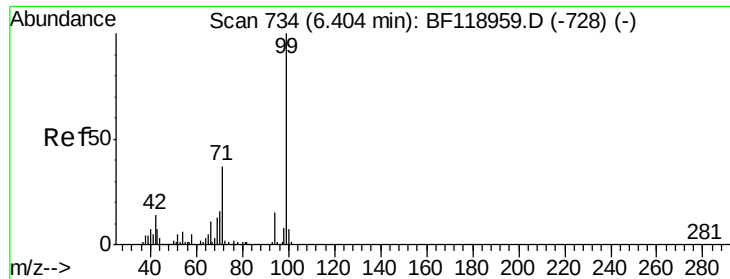


#5

2-Fluorophenol
Concen: 8.215 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119091.D
Acq: 26 Feb 2020 13:26

Tgt Ion:112 Resp: 74831
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 28.7 24.2 36.4





#7

Phenol-d6

Concen: 42.774 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Instrument :

BNA_F

ClientSampleId :

VNJ-227

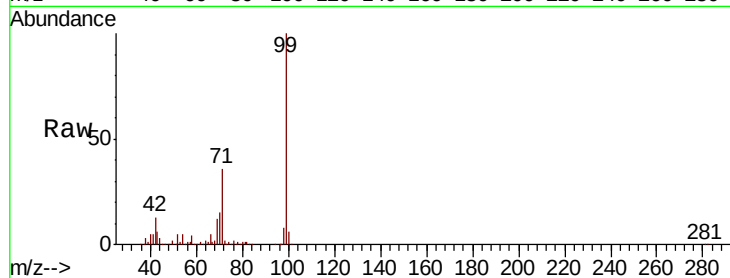
Tot Ion: 99 Resp: 473868

Ion Ratio Lower Upper

99 100

42 13.3 12.6 18.8

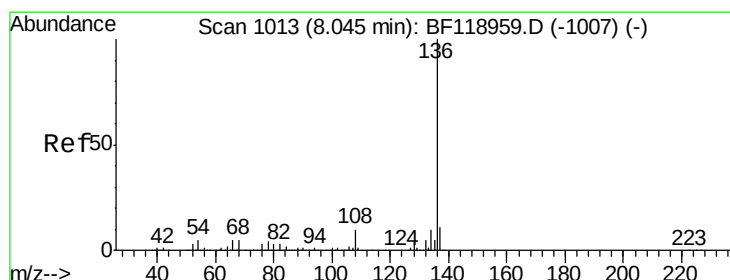
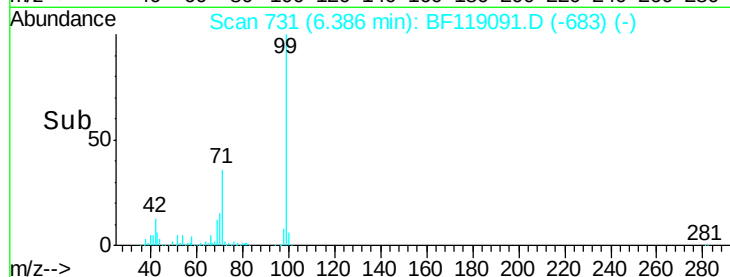
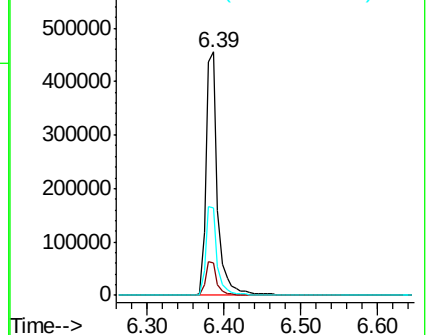
71 35.7 31.0 46.4



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Tgt Ion: 136 Resp: 592472

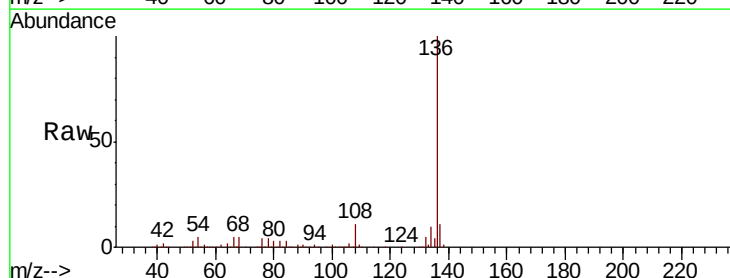
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.1 3.8 5.6

68 5.4 3.9 5.9

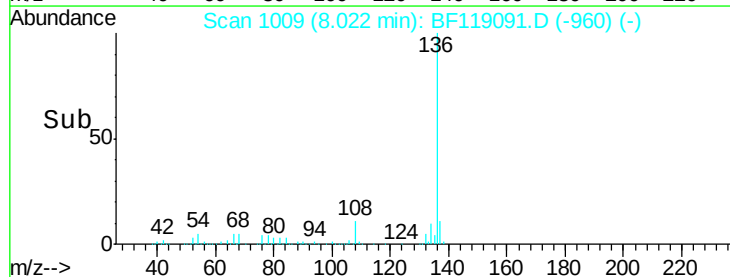
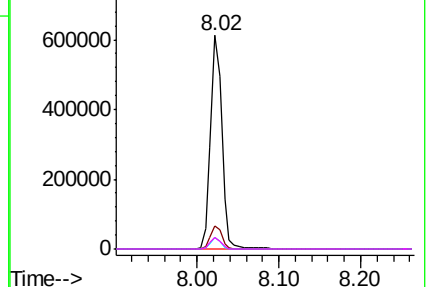


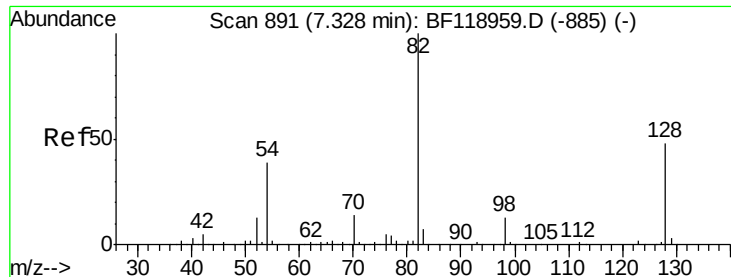
Abundance Ion 136.00 (135.70 to 136.70): E

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

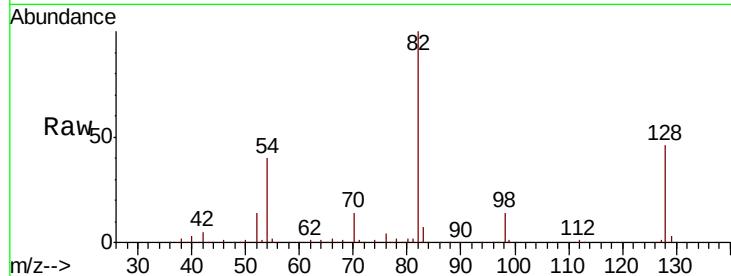




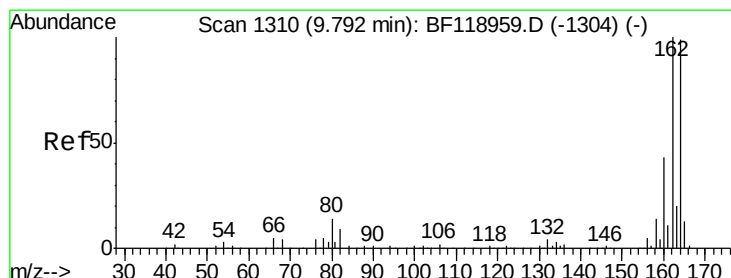
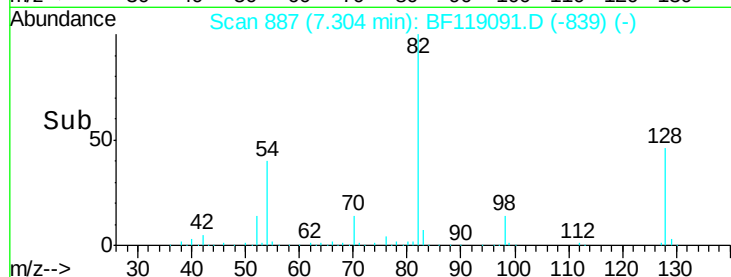
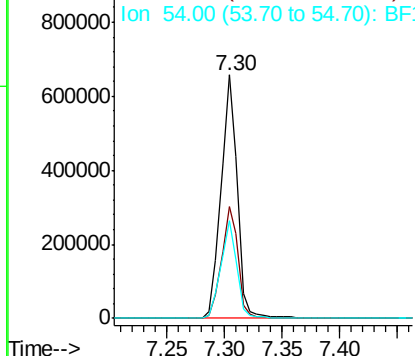
#23
 Nitrobenzene-d5
 Concen: 57.417 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Instrument :
 BNA_F
 ClientSampled :
 VNJ-227

Tot Ion: 82 Resp: 644281
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.9 56.9
 54 40.3 33.4 50.2

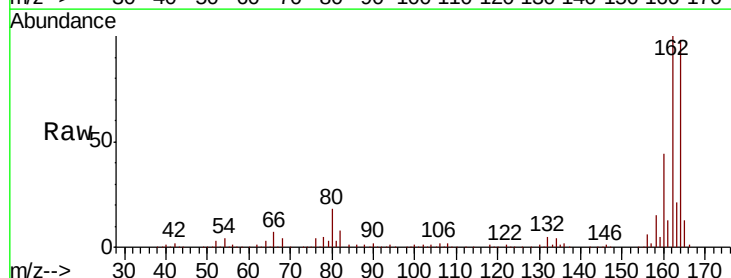


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

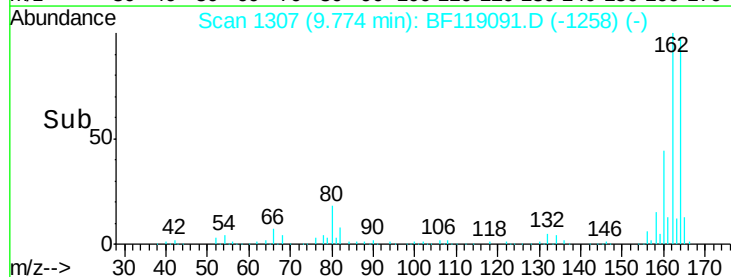
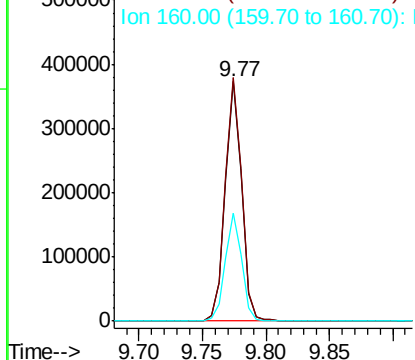


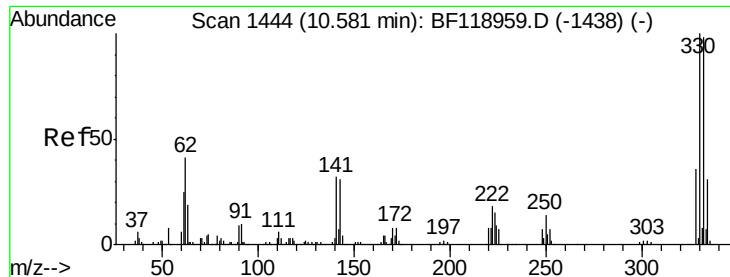
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Tgt Ion: 164 Resp: 336939
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.8 122.8
 160 45.1 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 0.405 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Instrument :

BNA_F

ClientSampleId :

VNJ-227

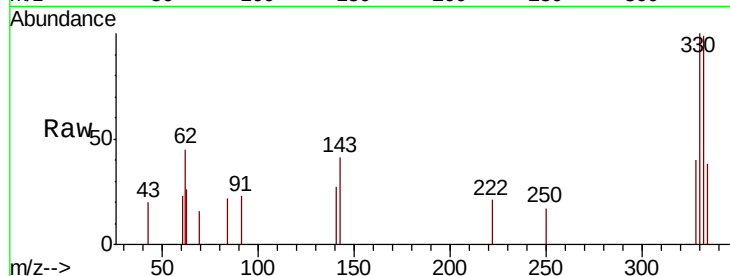
Tot Ion:330 Resp: 1787

Ion Ratio Lower Upper

330 100

332 107.0 76.0 114.0

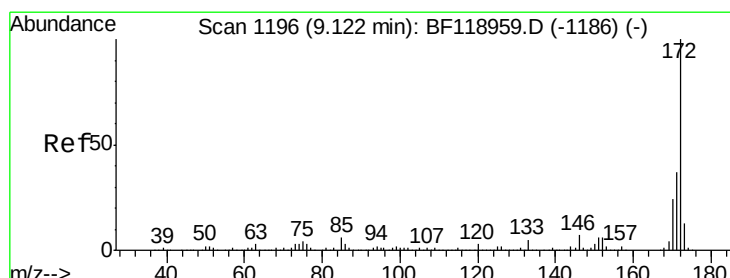
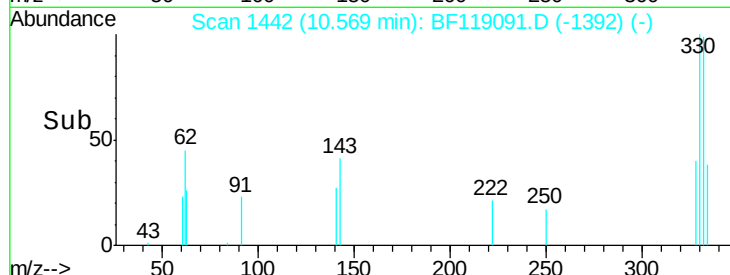
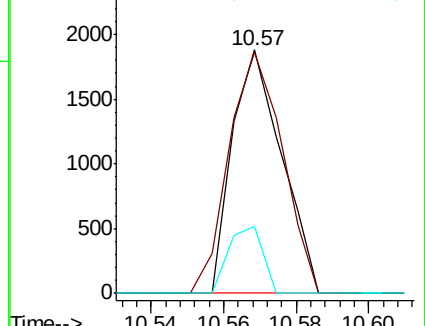
141 18.9 22.9 34.3#



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: 58.676 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

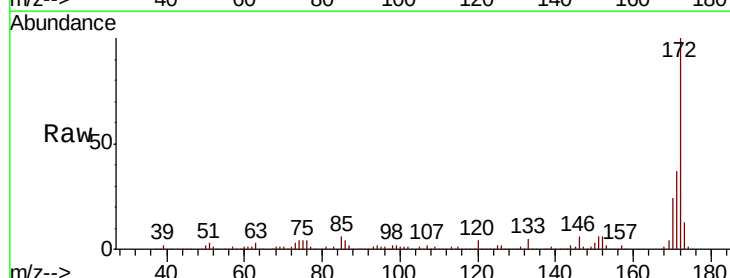
Tgt Ion:172 Resp: 1342022

Ion Ratio Lower Upper

172 100

171 36.7 30.6 45.8

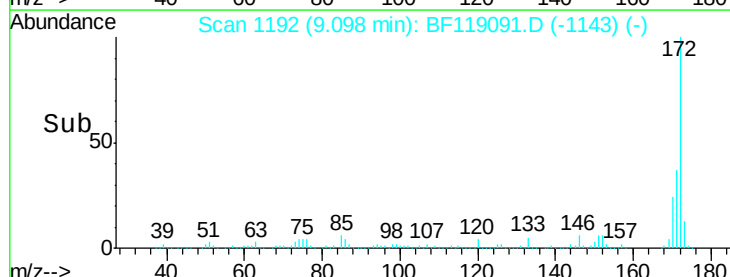
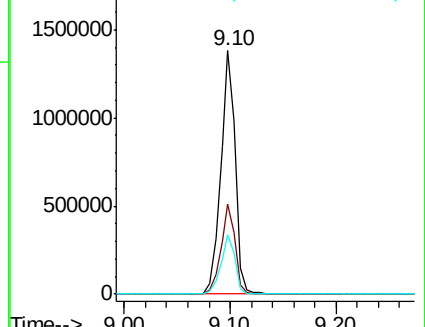
170 24.2 20.2 30.2

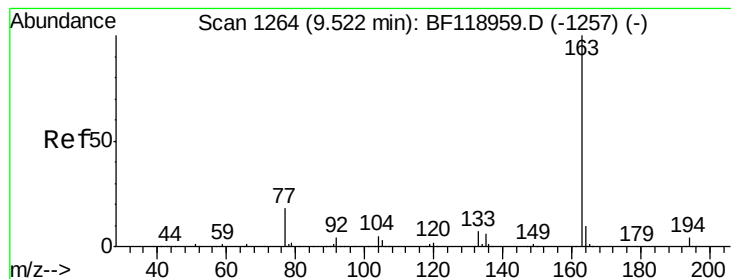


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.349 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

Instrument :

BNA_F

ClientSampleId :

VNJ-227

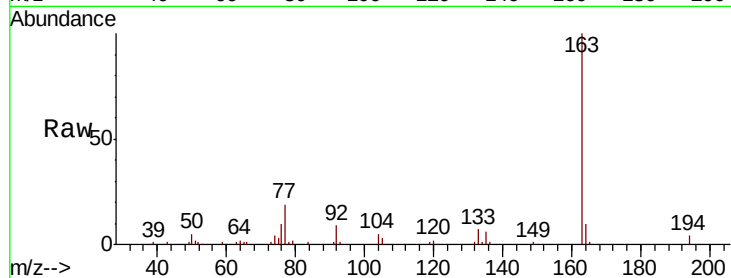
Tot Ion:163 Resp: 60518

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

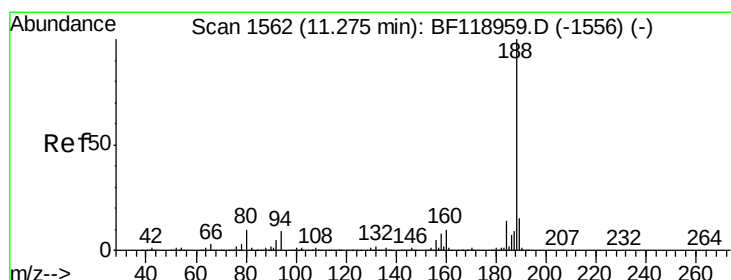
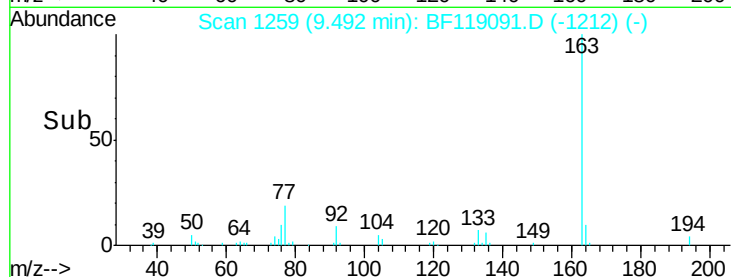
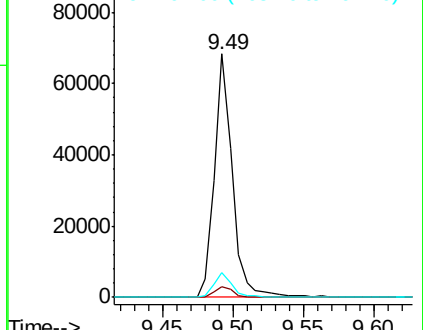
164 10.4 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119091.D

Acq: 26 Feb 2020 13:26

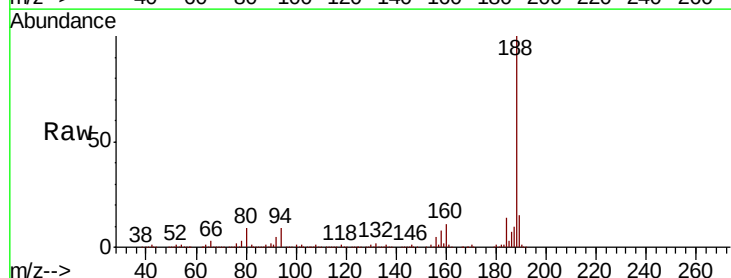
Tgt Ion:188 Resp: 641195

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

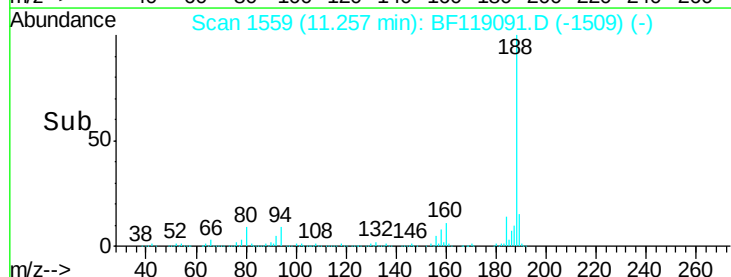
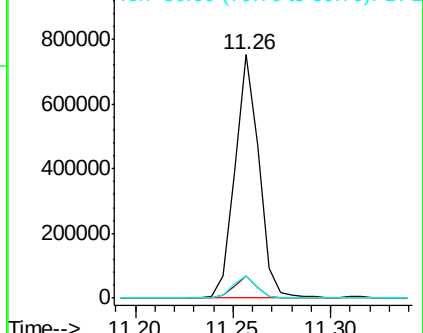
80 9.3 7.8 11.8

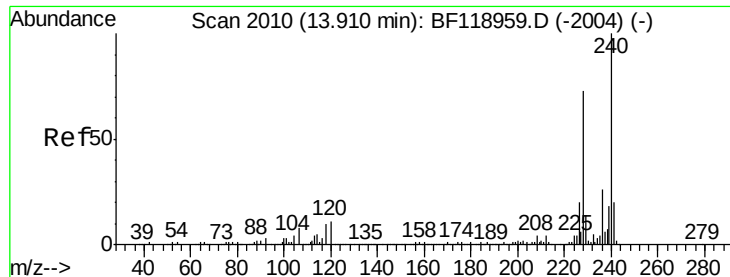


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

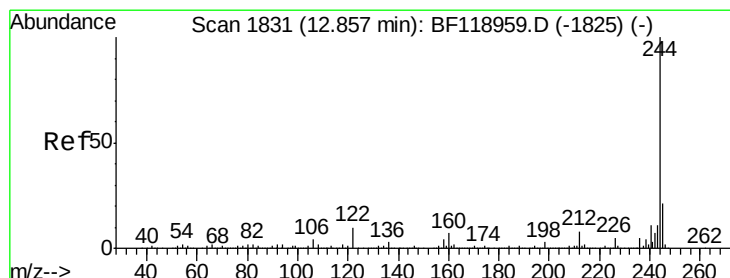
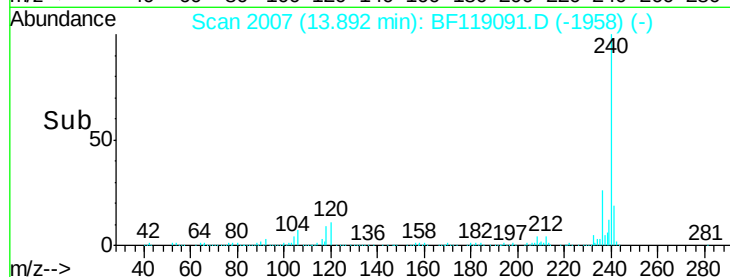
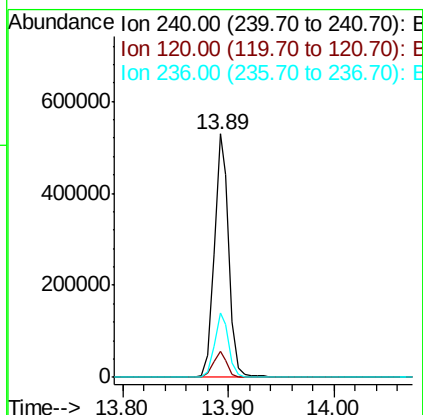
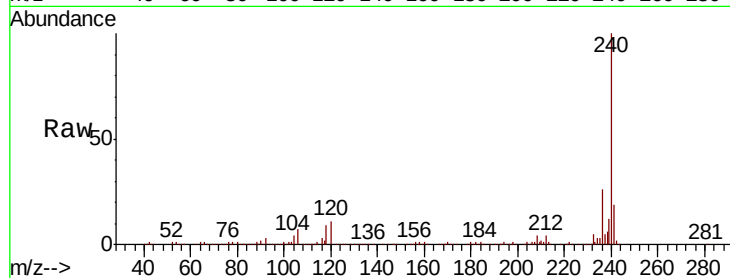




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

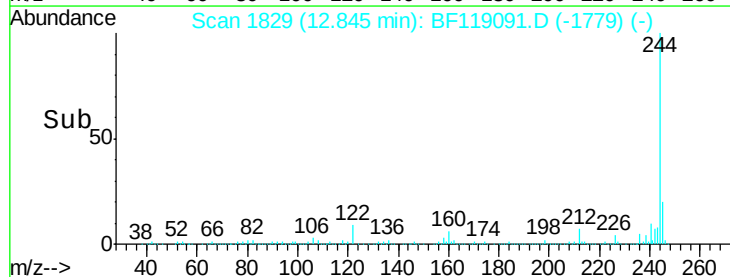
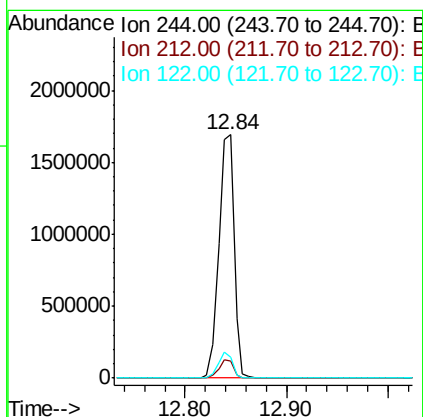
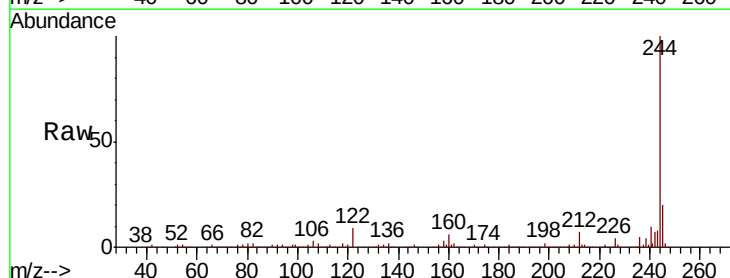
Instrument :
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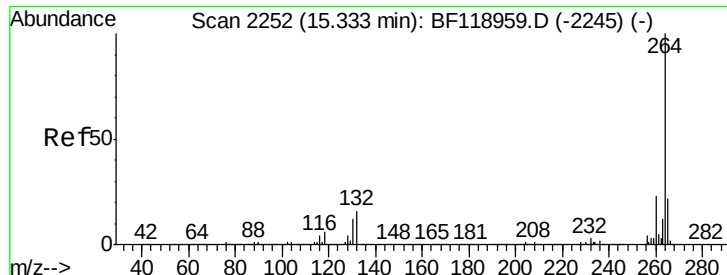
Tot Ion:240 Resp: 513368
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 59.633 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Tgt Ion:244 Resp: 1778136
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 8.7 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BF119091.D
 Acq: 26 Feb 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-227

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.0	17.7	26.5

