

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120985.D
 Acq On : 23 Jul 2020 17:20
 Operator : JU/CG
 Sample : L3380-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: Jul 23 17:50:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

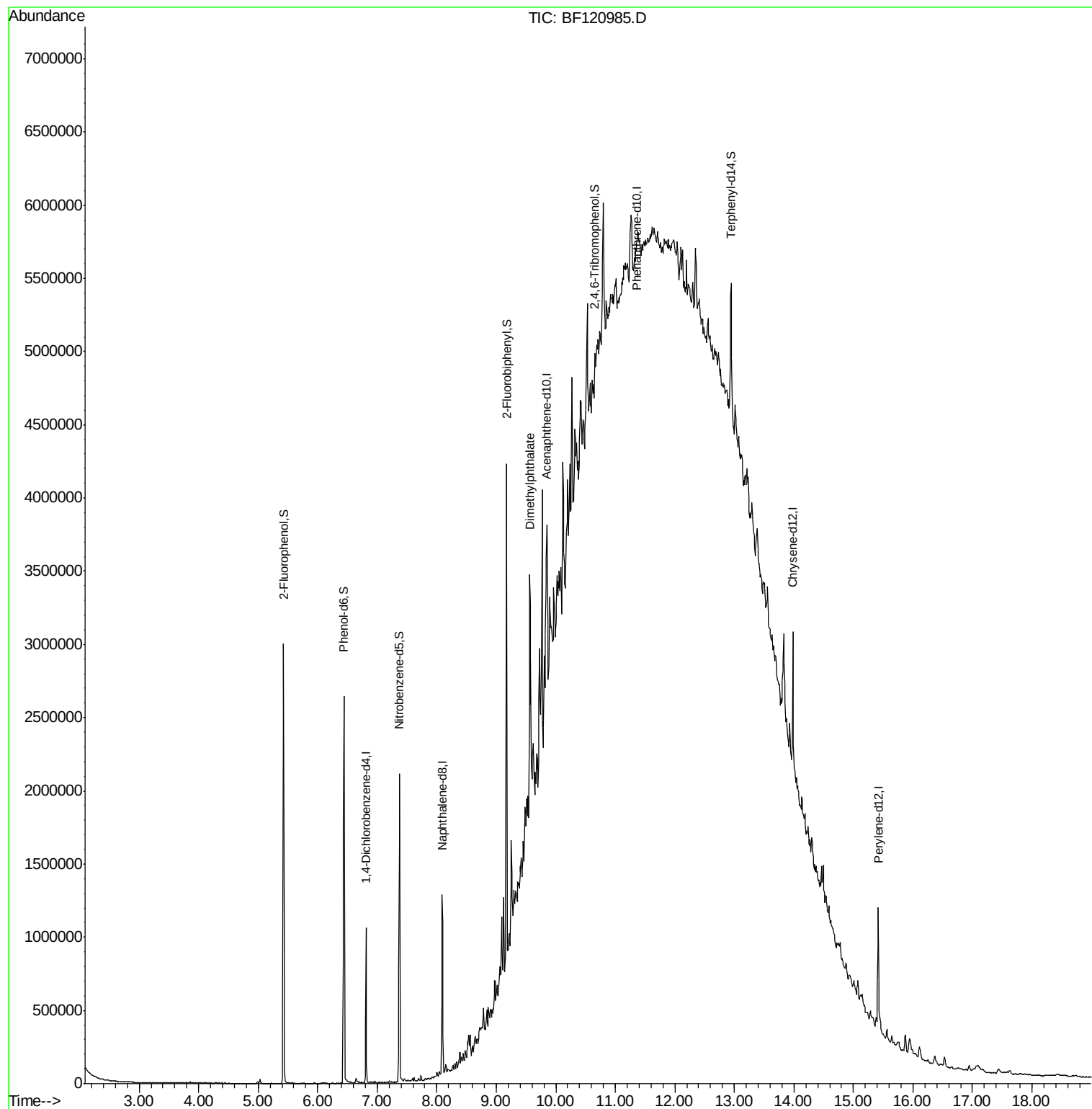
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	548669	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	231842	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	209742	20.00	ng	0.02
76) Chrysene-d12	13.98	240	353982	20.00	ng	0.00
86) Perylene-d12	15.42	264	404050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	904173	99.68	ng	0.00
7) Phenol-d6	6.44	99	1109036	94.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	680792	71.80	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	223676	88.14	ng	0.01
45) 2-Fluorobiphenyl	9.17	172	1219811	78.55	ng	0.00
79) Terphenyl-d14	12.94	244	755841	46.42	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	170385	10.187	ng	Qvalue # 82

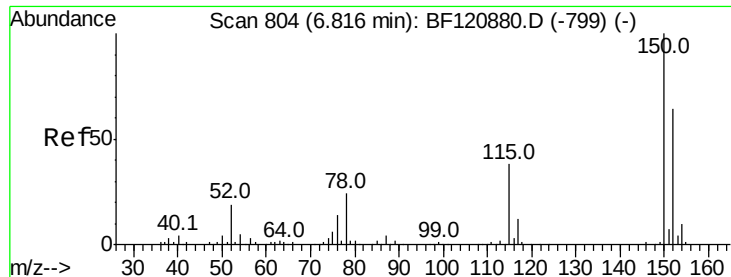
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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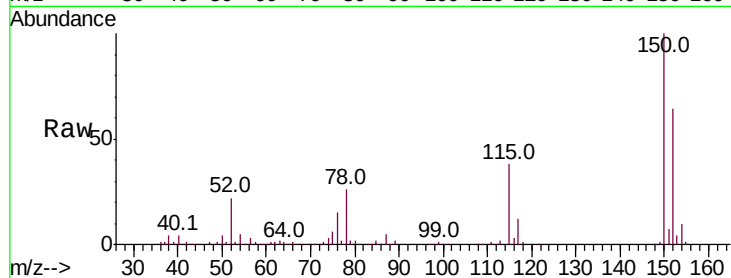


#1

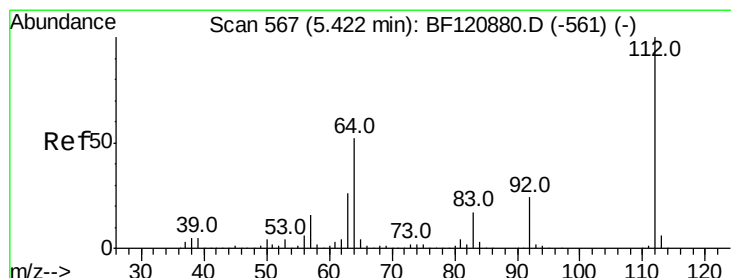
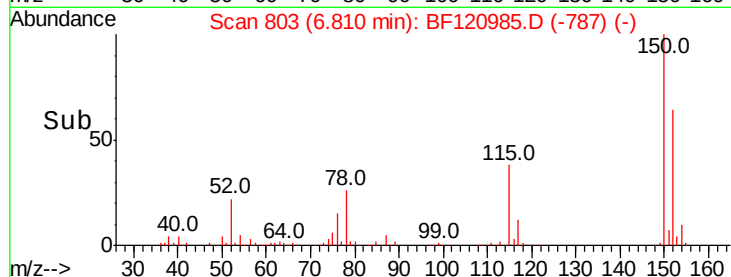
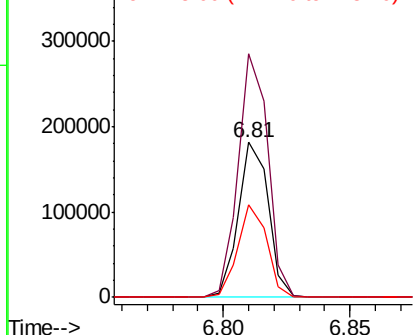
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Tot Ion:152 Resp: 148706
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.6
 115 60.1 47.0 70.4



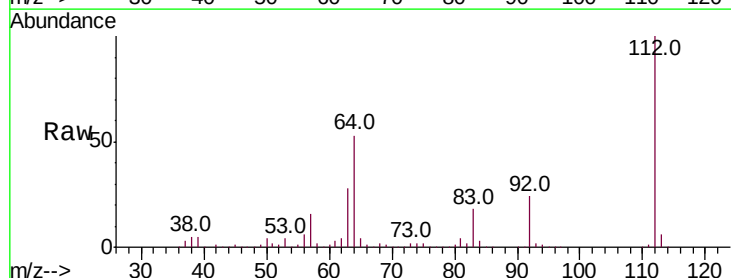
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



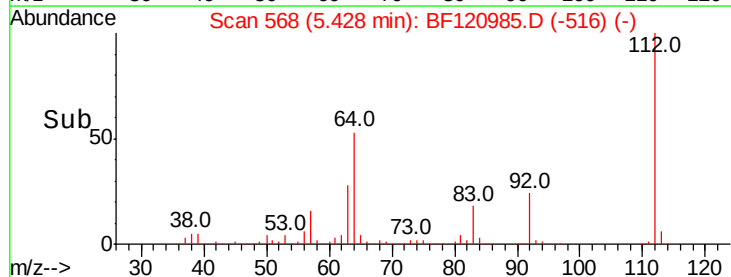
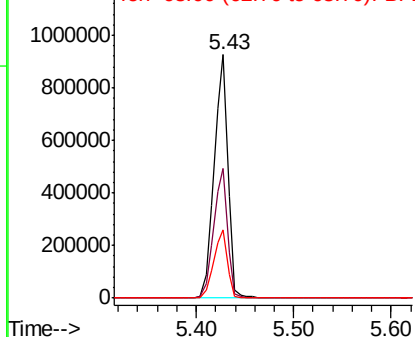
#5

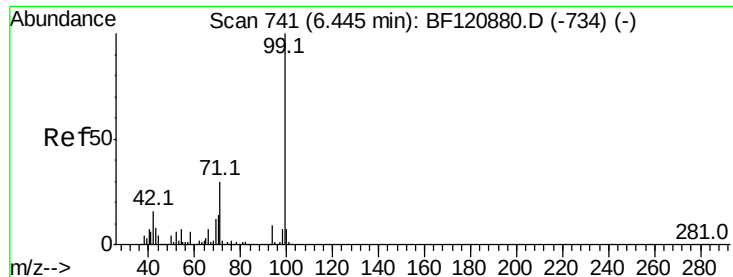
2-Fluorophenol
 Concen: 99.677 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Tgt Ion:112 Resp: 904173
 Ion Ratio Lower Upper
 112 100
 64 53.2 41.3 61.9
 63 27.8 21.1 31.7



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: 94.648 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120985.D

Acq: 23 Jul 2020 17:20

Instrument :

BNA_F

ClientSampled :

VNJ-241

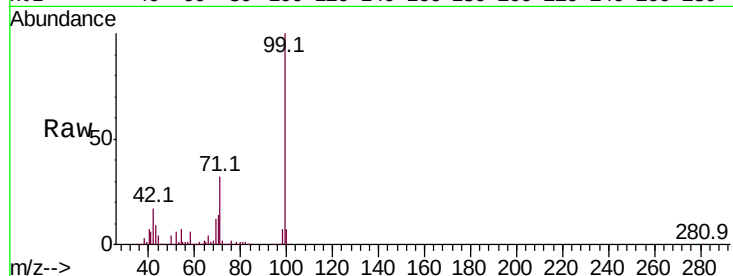
Tot Ion: 99 Resp: 1109036

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

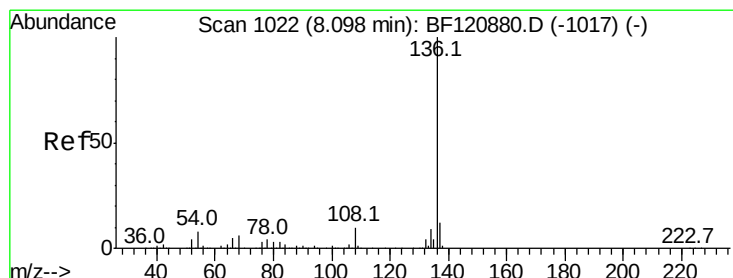
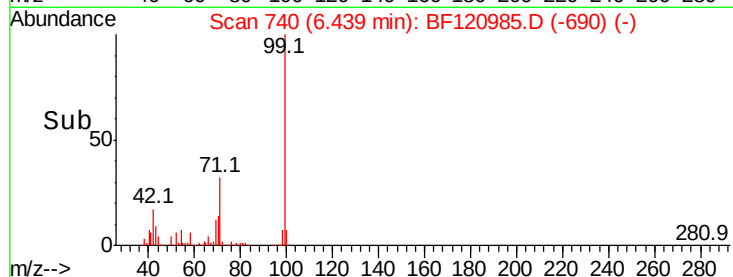
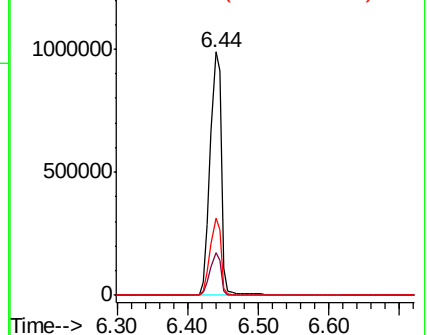
71 31.5 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120985.D

Acq: 23 Jul 2020 17:20

Tgt Ion: 136 Resp: 548669

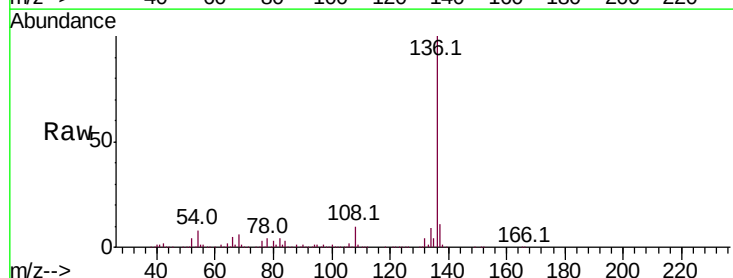
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.8 6.3 9.5

68 6.4 5.0 7.4

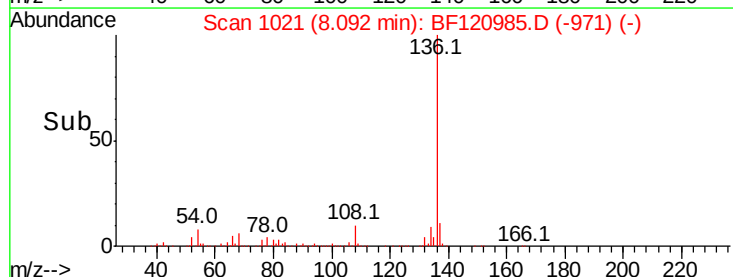
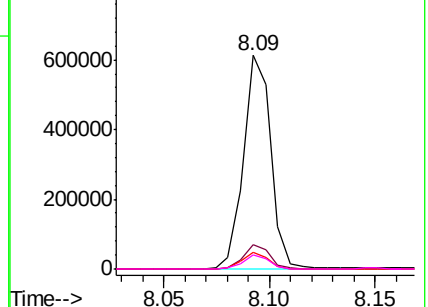


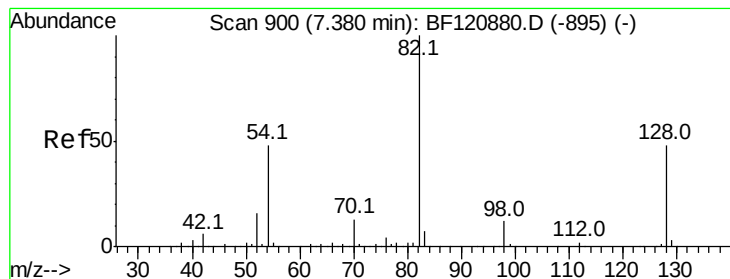
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.797 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120985.D

Acq: 23 Jul 2020 17:20

Instrument :

BNA_F

ClientSampled :

VNJ-241

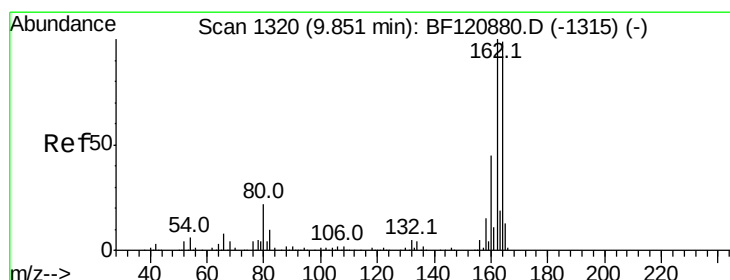
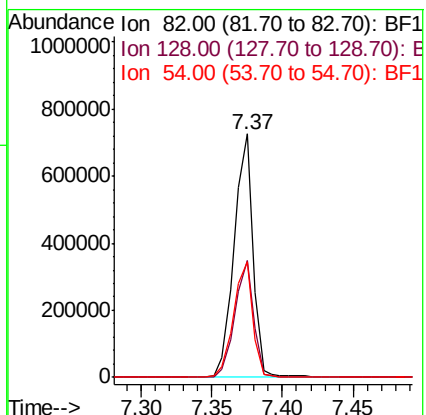
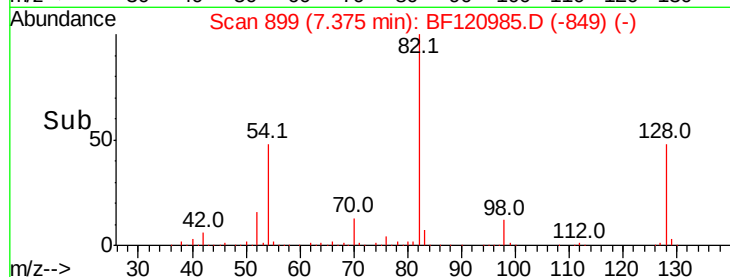
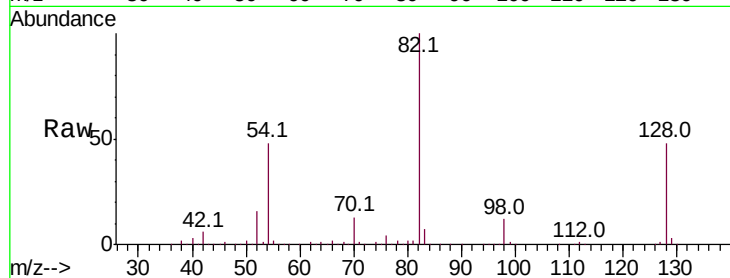
Tot Ion: 82 Resp: 680792

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

54 47.7 38.7 58.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120985.D

Acq: 23 Jul 2020 17:20

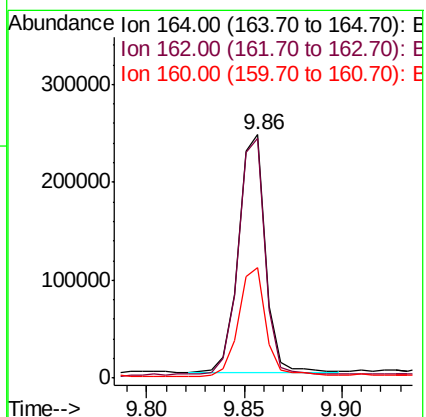
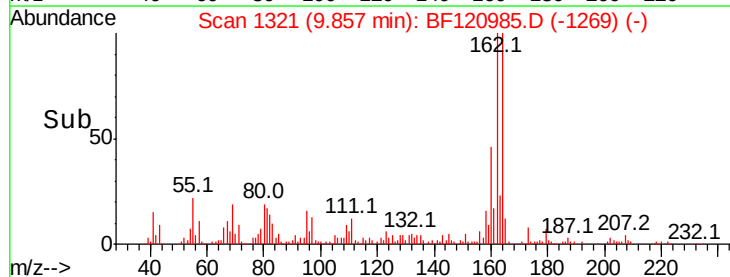
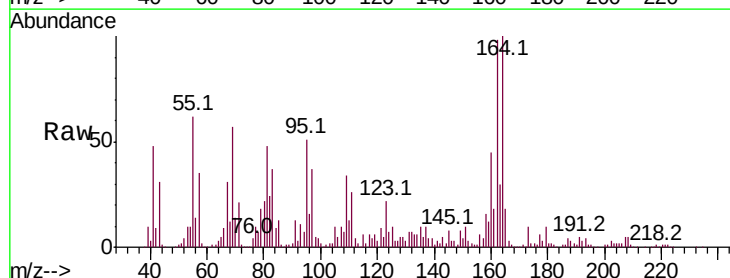
Tgt Ion:164 Resp: 231842

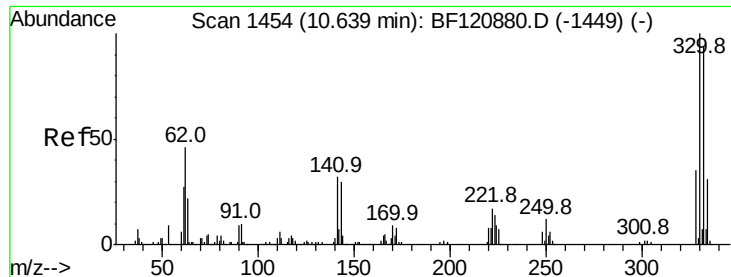
Ion Ratio Lower Upper

164 100

162 98.4 81.2 121.8

160 45.2 36.9 55.3

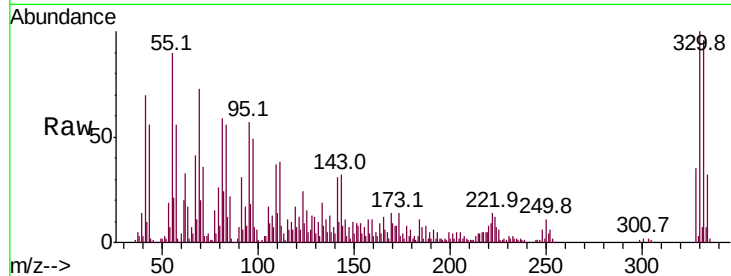




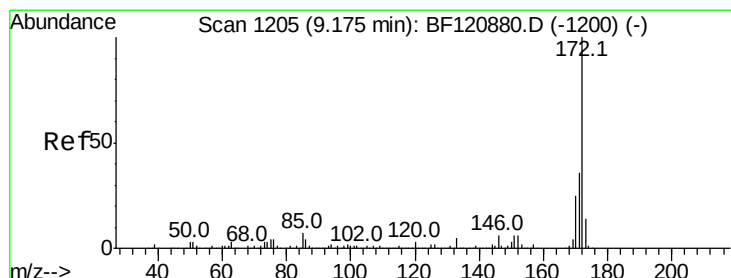
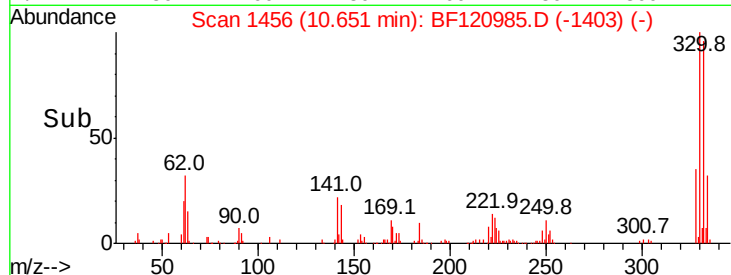
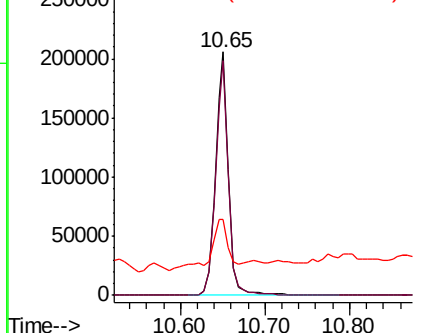
#42
 2,4,6-Tribromophenol
 Concen: 88.140 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Tot Ion:330 Resp: 223676
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.5 113.3
 141 28.9 25.7 38.5

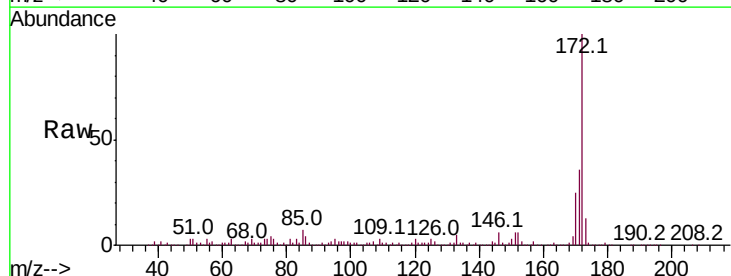


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

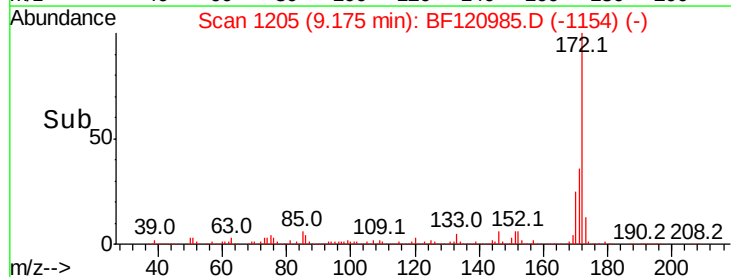
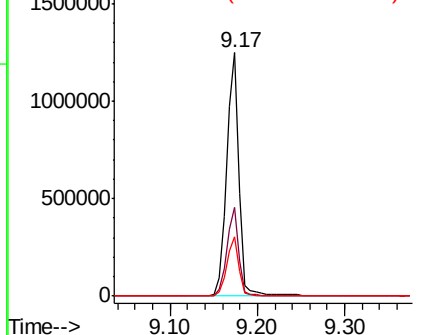


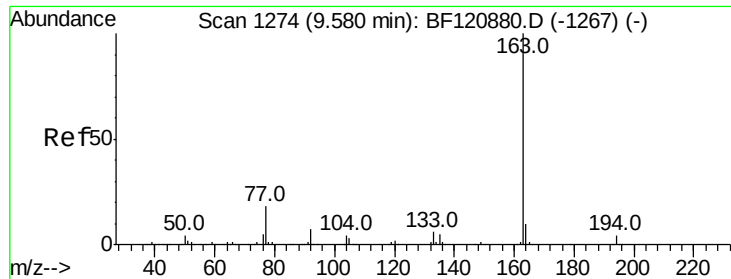
#45
 2-Fluorobiphenyl
 Concen: 78.555 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Tgt Ion:172 Resp: 1219811
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.6 19.6 29.4



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

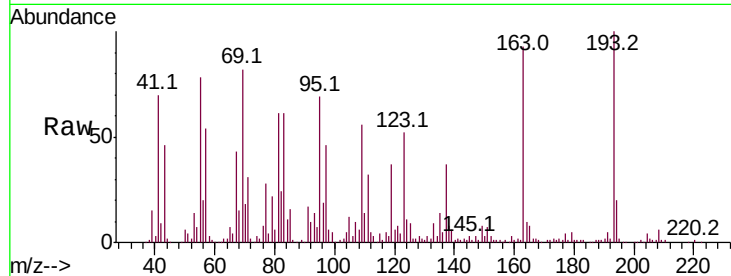




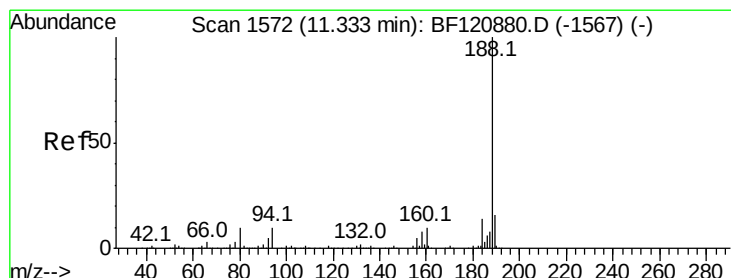
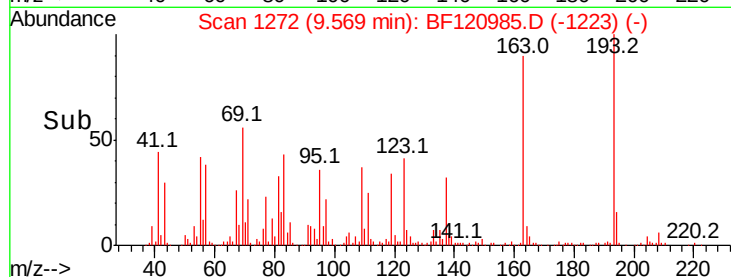
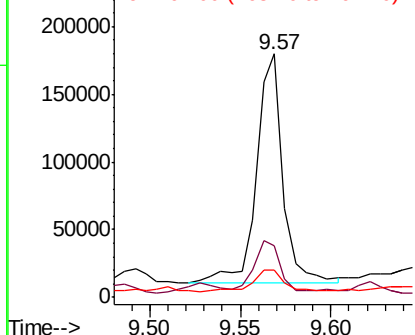
#50
Dimethylphthalate
Concen: 10.187 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120985.D
Acq: 23 Jul 2020 17:20

Instrument :
BNA_F
ClientSampleID :
VNJ-241

Tot Ion:163 Resp: 170385
Ion Ratio Lower Upper
163 100
194 21.4 3.2 4.8#
164 11.1 7.9 11.9

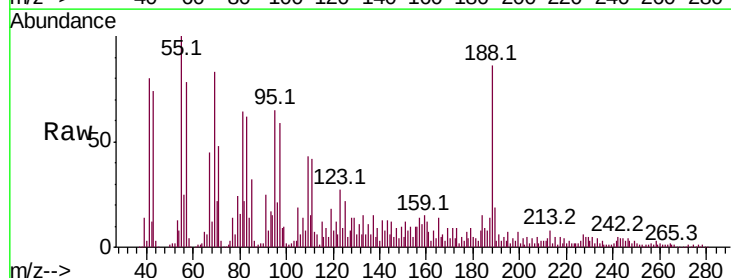


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

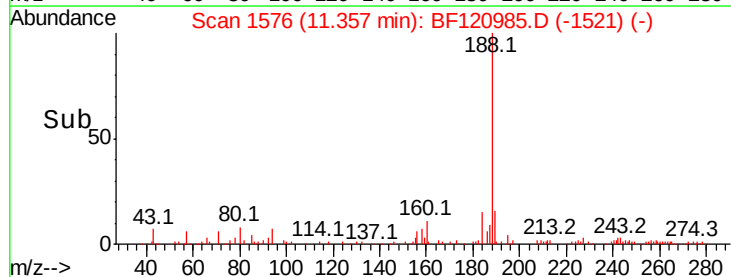
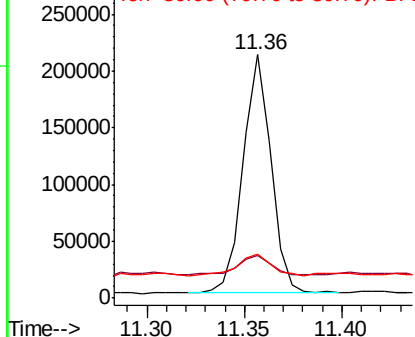


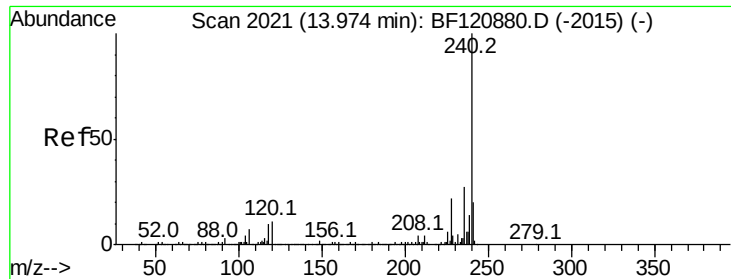
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF120985.D
Acq: 23 Jul 2020 17:20

Tgt Ion:188 Resp: 209742
Ion Ratio Lower Upper
188 100
94 17.4 8.0 12.0#
80 18.2 8.3 12.5#



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

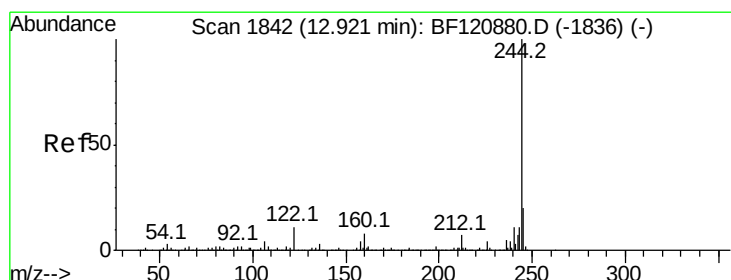
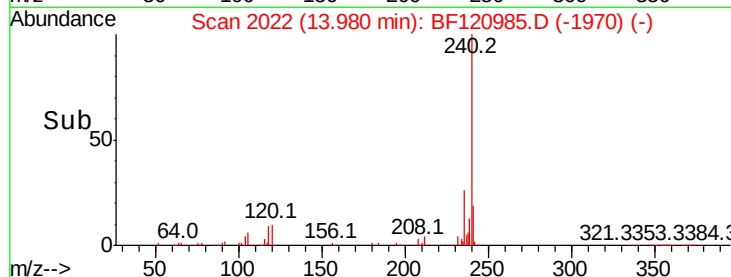
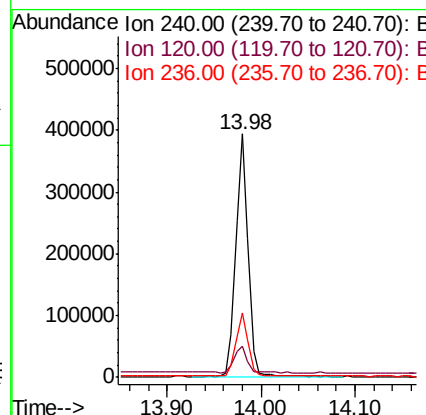
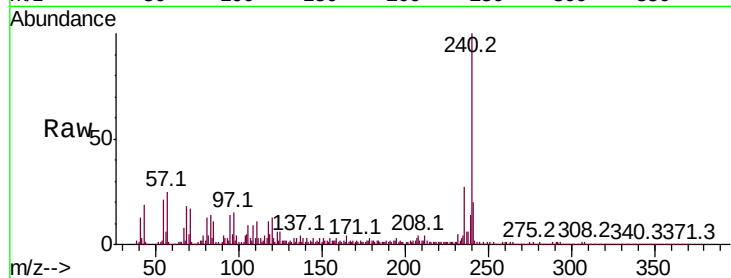




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

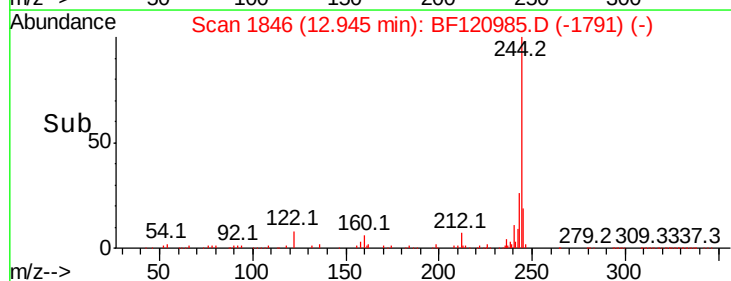
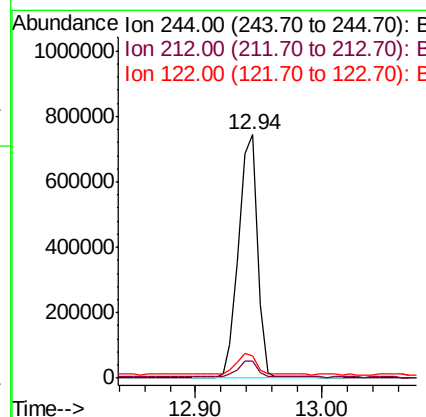
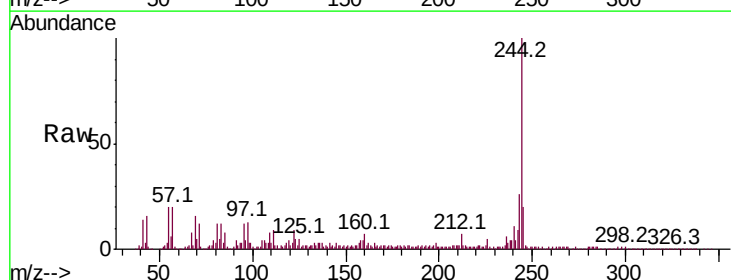
Instrument :
 BNA_F
 ClientSampled :
 VNJ-241

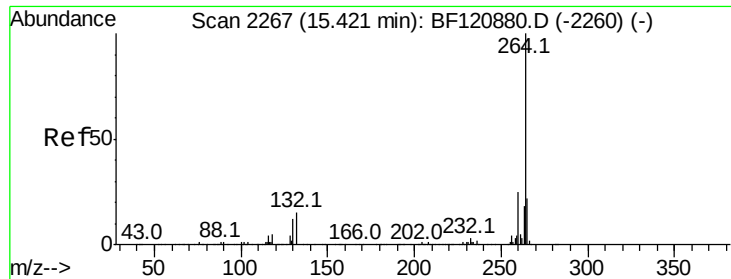
Tot Ion:240 Resp: 353982
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.4
 236 26.5 21.7 32.5



#79
 Terphenyl-d14
 Concen: 46.416 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.02 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Tgt Ion:244 Resp: 755841
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.4 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120985.D
 Acq: 23 Jul 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.4	17.4	26.2

