

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120717.D
 Acq On : 26 Jun 2020 19:06
 Operator : JU/CG
 Sample : L3114-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Quant Time: Jun 27 00:47:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

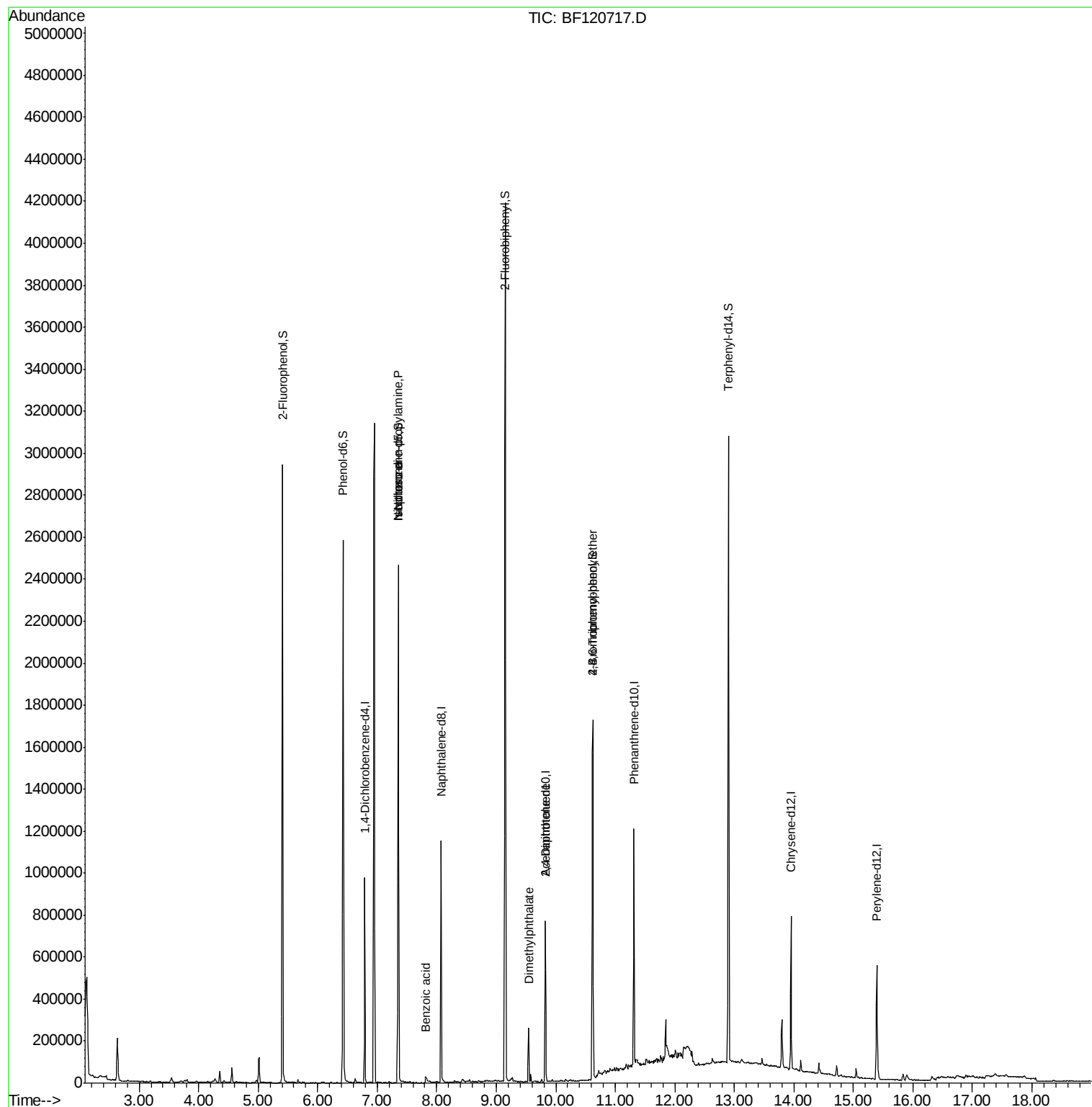
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143296	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	534836	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	145350	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	442140	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	255606	20.00	ng	-0.01
86) Perylene-d12	15.40	264	261845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	903179	108.06	ng	0.00
7) Phenol-d6	6.43	99	994708	95.55	ng	-0.01
23) Nitrobenzene-d5	7.36	82	843178	88.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	246117	145.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1339412	140.99	ng	-0.01
79) Terphenyl-d14	12.90	244	1181992	102.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	110848	18.357	ng	# 78
25) Isophorone	7.36	82	836916	44.902	ng	# 62
32) Benzoic acid	7.82	122	12184	2.036	ng	95
50) Dimethylphthalate	9.55	163	110800	10.584	ng	99
57) 2,4-Dinitrotoluene	9.83	165	18459	5.864	ng	# 28
67) 4-Bromophenyl-phenylether	10.62	248	14451	2.880	ng	# 1

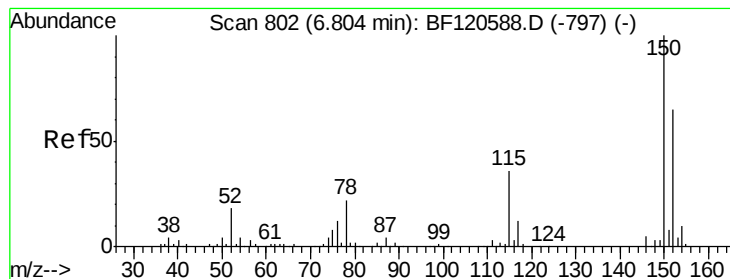
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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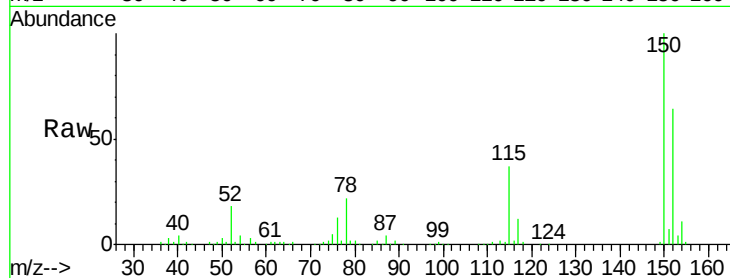




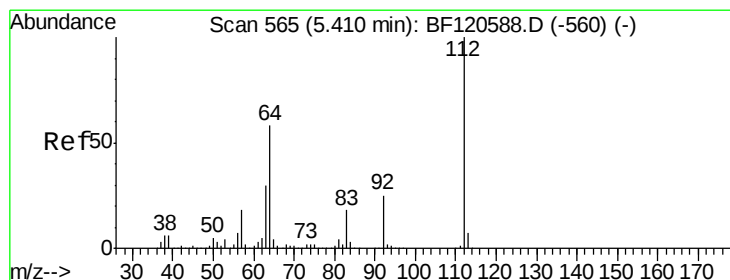
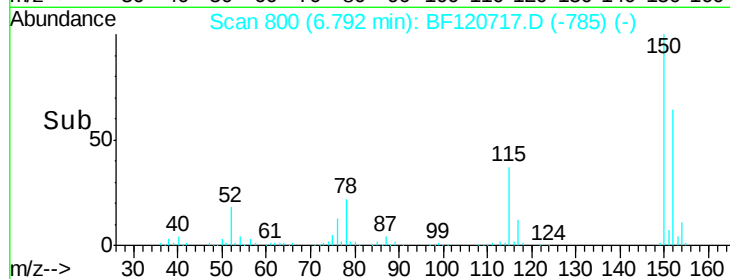
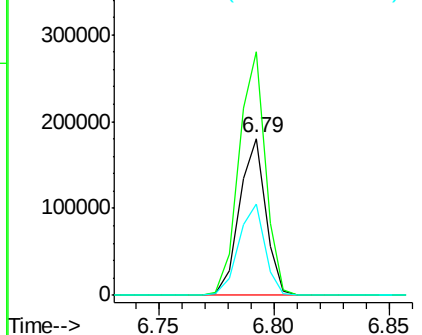
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion:152 Resp: 143296
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.2 184.8
 115 57.9 43.9 65.9

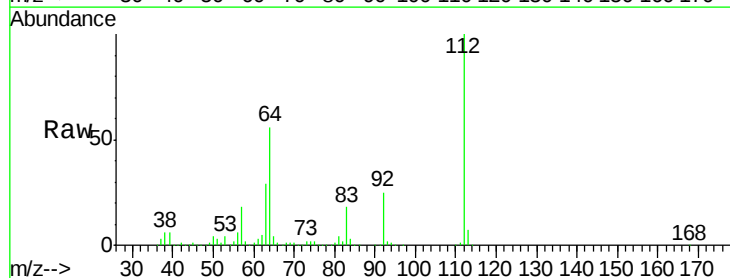


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

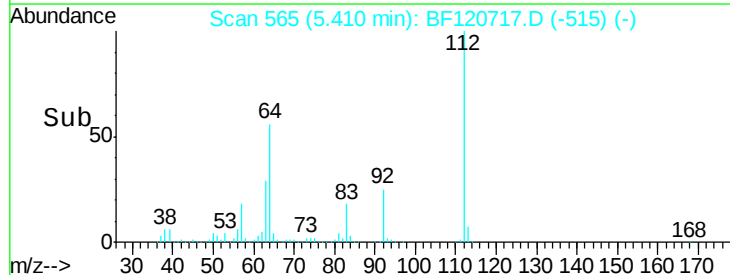
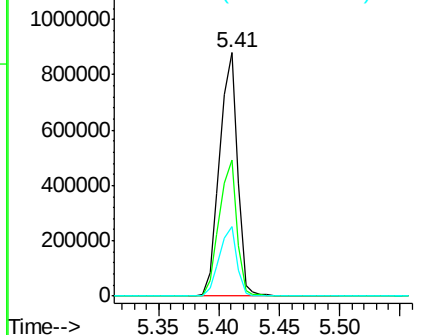


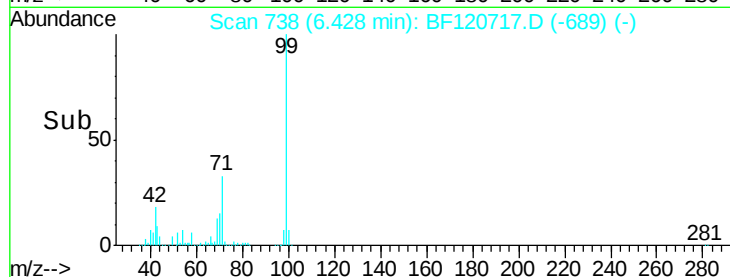
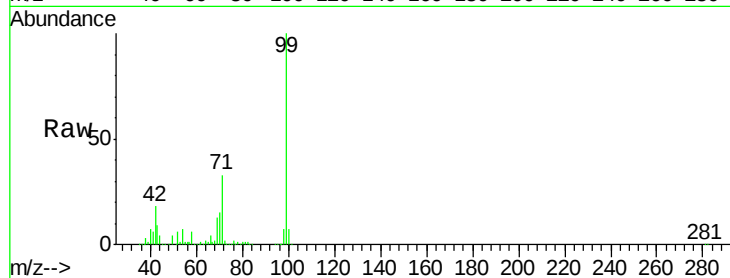
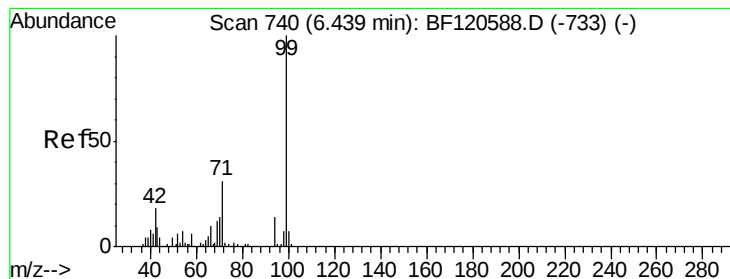
#5
 2-Fluorophenol
 Concen: 108.060 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Tgt Ion:112 Resp: 903179
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.1 69.1
 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: 95.553 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

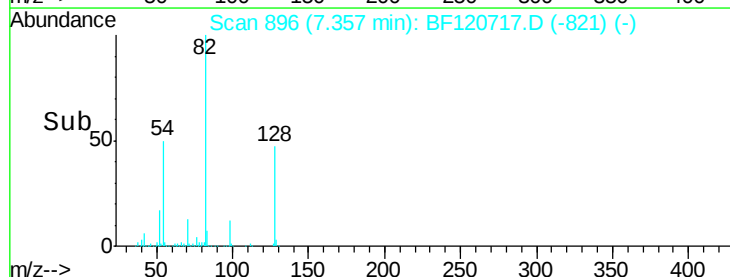
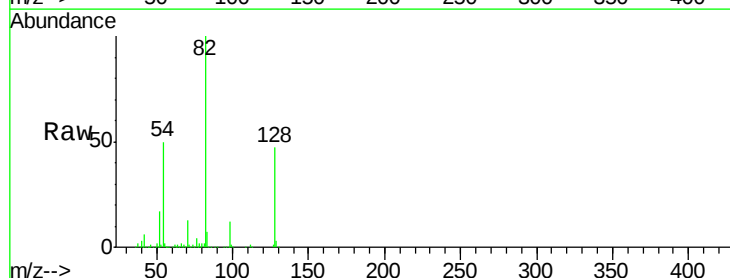
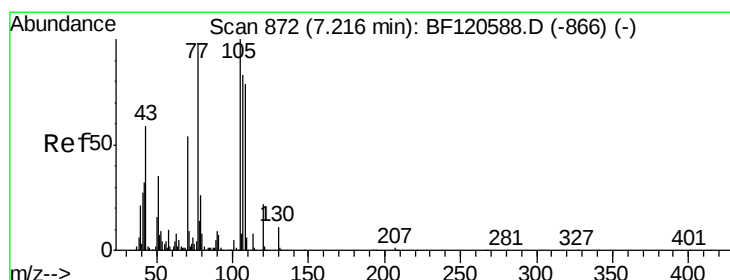
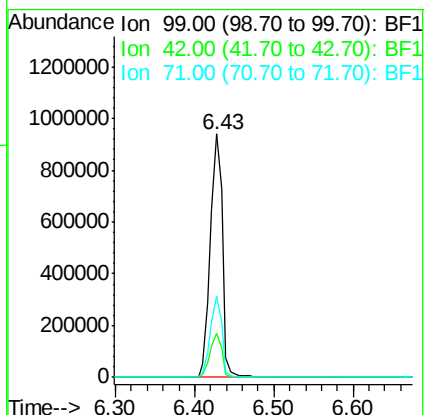
Tot Ion: 99 Resp: 994708

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

71 33.1 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.357 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Tgt Ion: 70 Resp: 110848

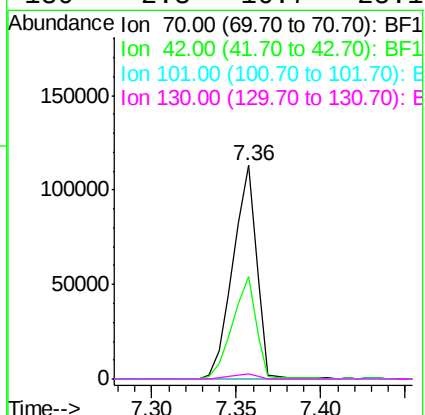
Ion Ratio Lower Upper

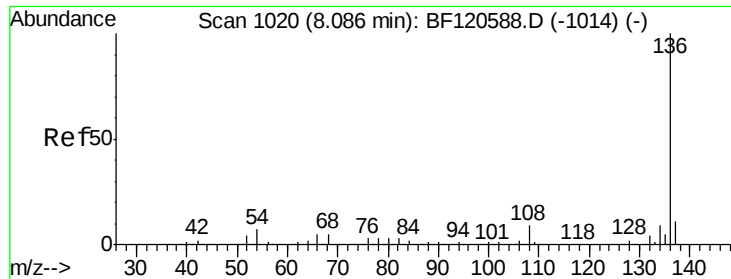
70 100

42 47.9 47.7 71.5

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

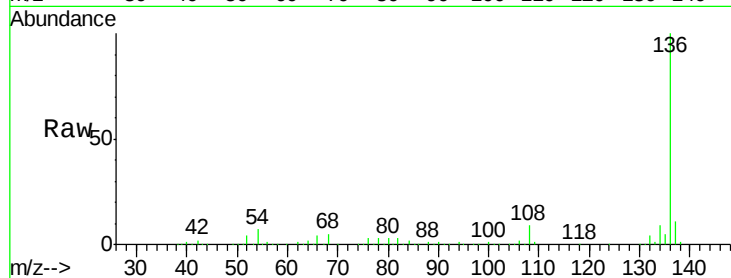




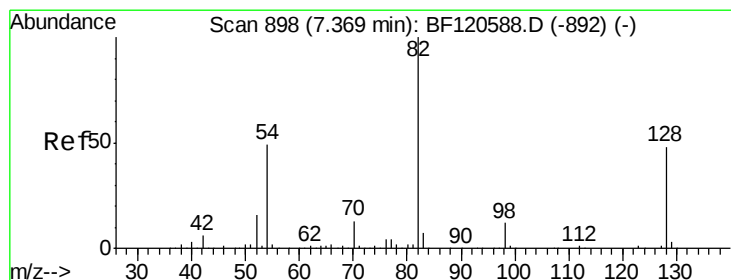
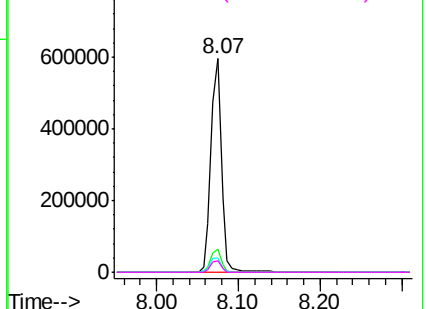
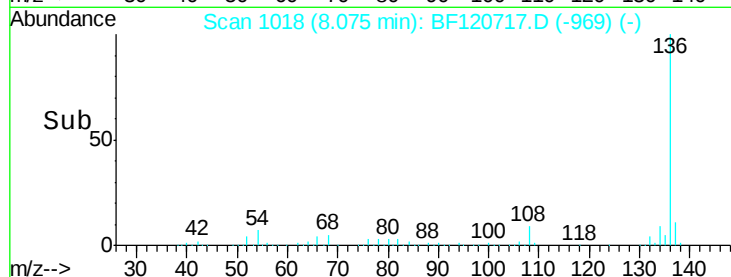
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:136 Resp: 534836
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.8 5.8 8.6
68 5.2 4.4 6.6

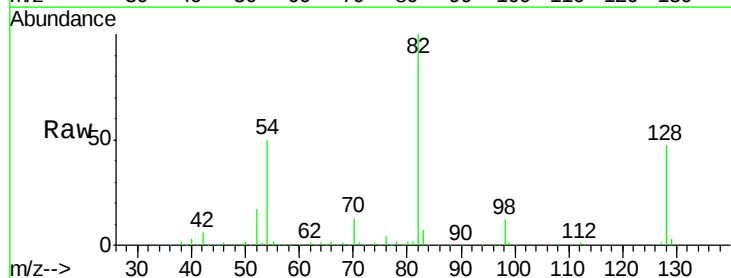


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

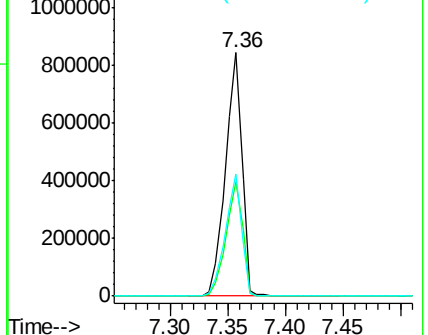
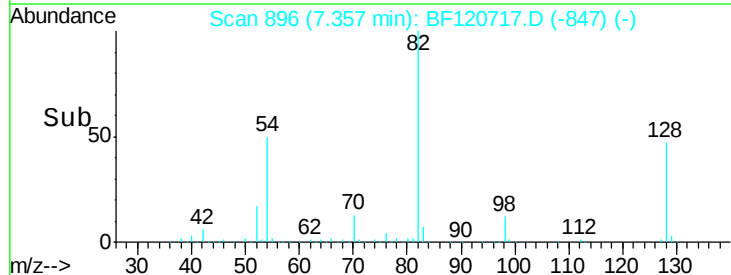


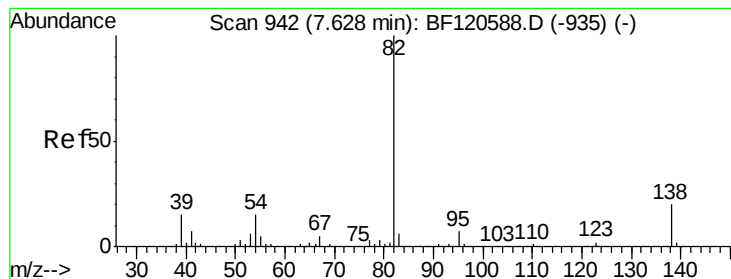
#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion: 82 Resp: 843178
Ion Ratio Lower Upper
82 100
128 47.1 38.0 57.0
54 49.9 38.8 58.2



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: 44.902 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampled :

VNJ-242

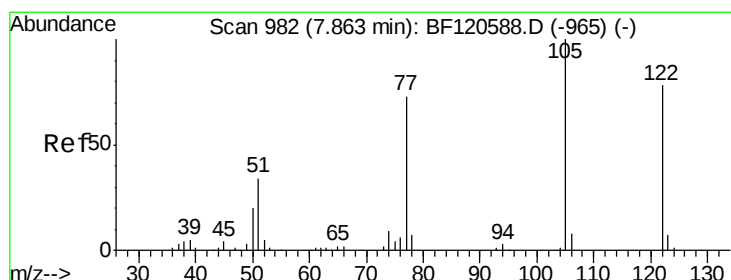
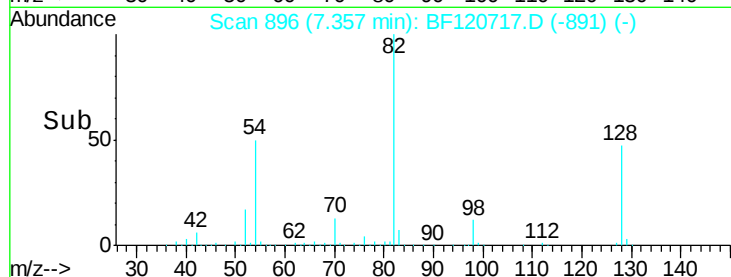
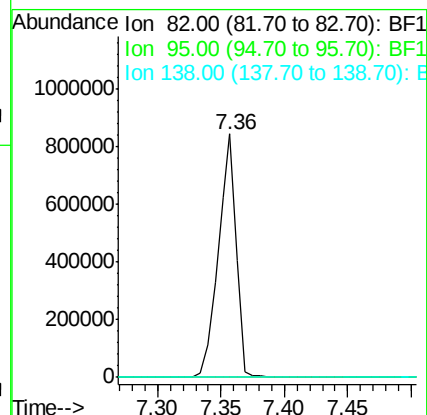
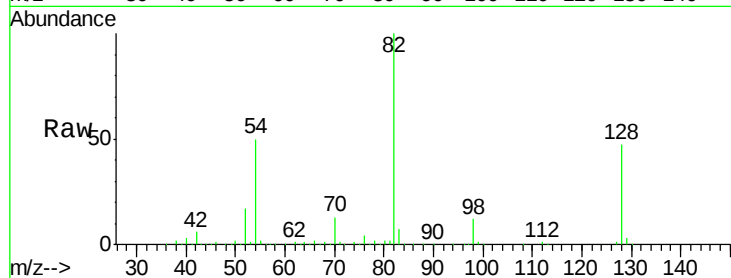
Tot Ion: 82 Resp: 836916

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 16.2 24.4#



#32

Benzoic acid

Concen: 2.036 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.05 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

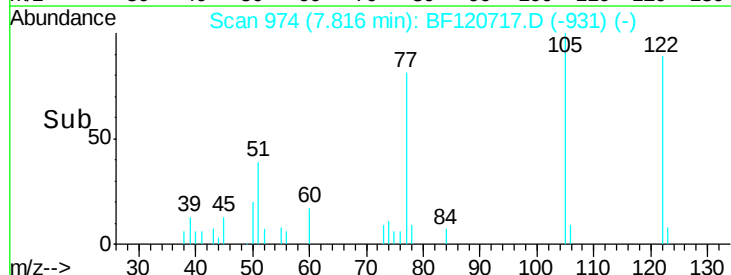
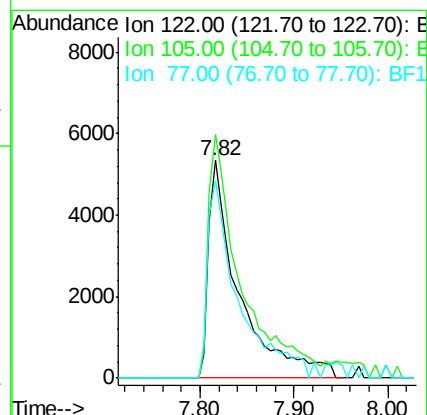
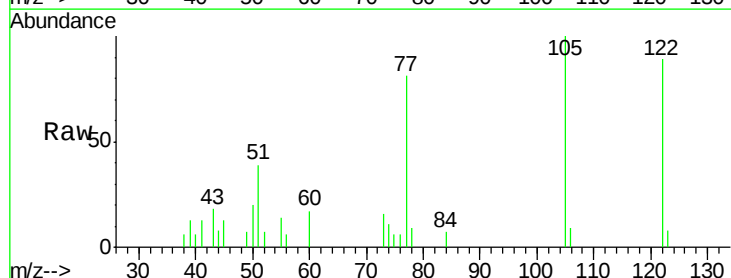
Tgt Ion: 122 Resp: 12184

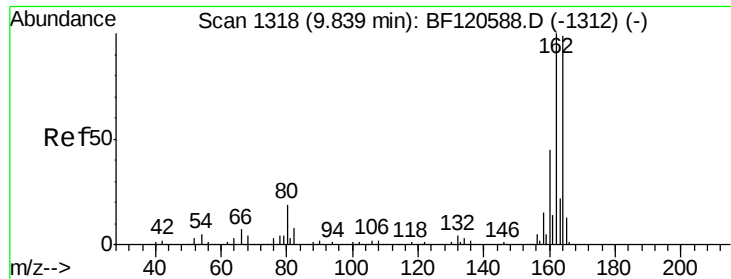
Ion Ratio Lower Upper

122 100

105 111.8 101.0 141.0

77 90.5 69.8 109.8

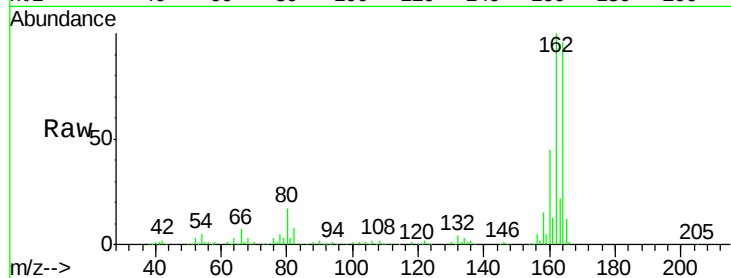




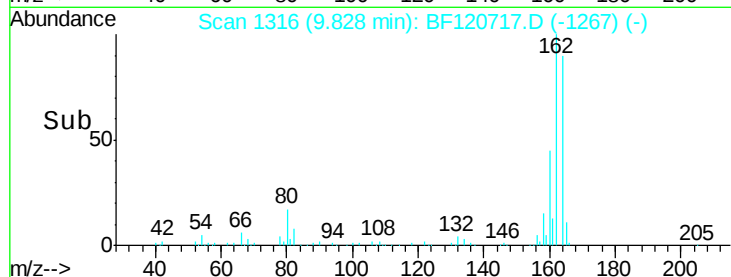
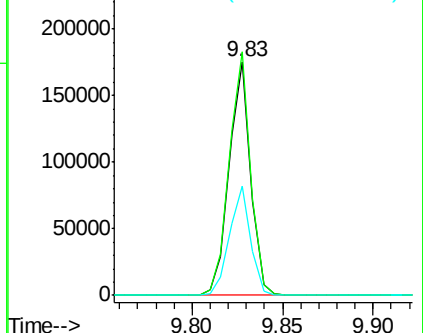
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	46.6	36.2	54.2

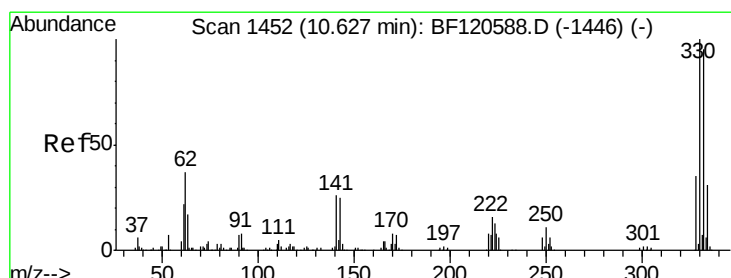


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

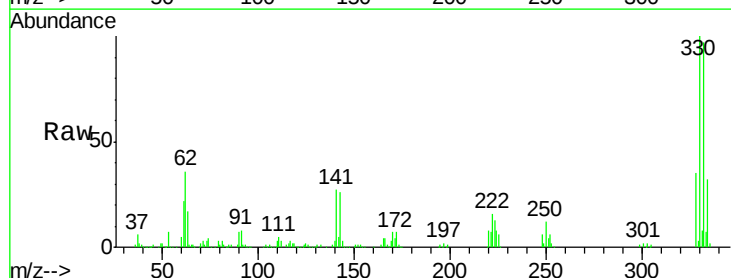
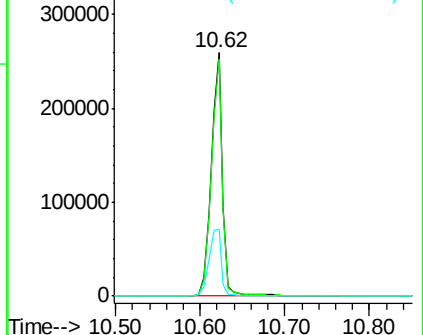


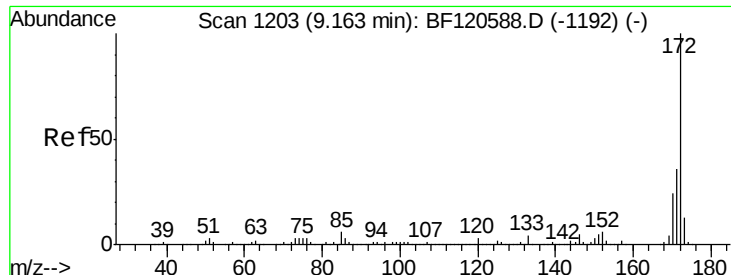
#42
 2,4,6-Tribromophenol
 Concen: 145.640 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	30.6	23.2	34.8



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

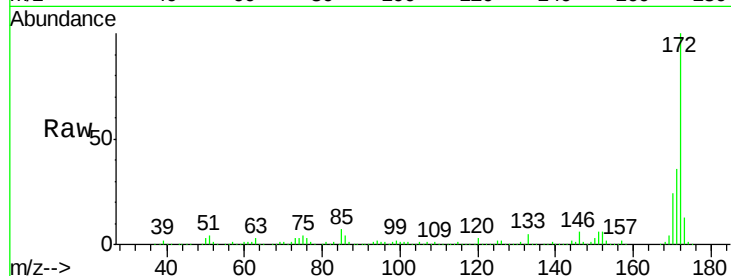




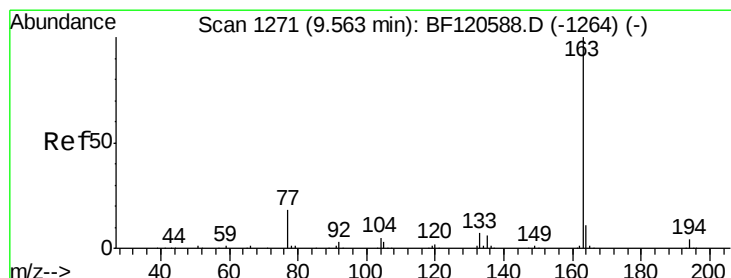
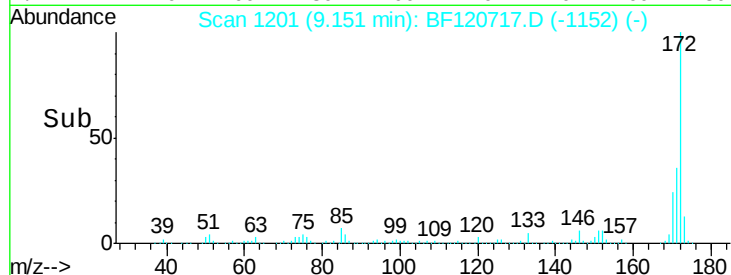
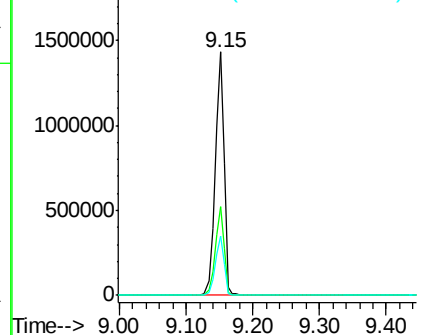
#45
2-Fluorobiphenyl
Concen: 140.989 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:172 Resp: 1339412
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.3 19.4 29.2

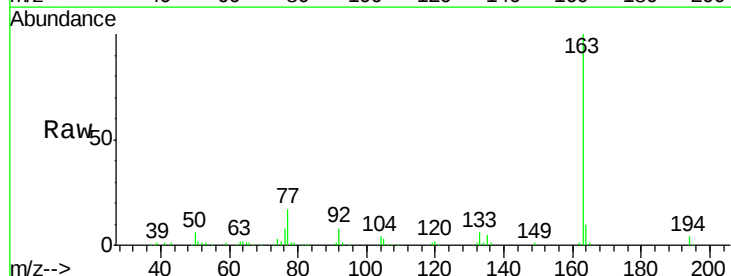


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

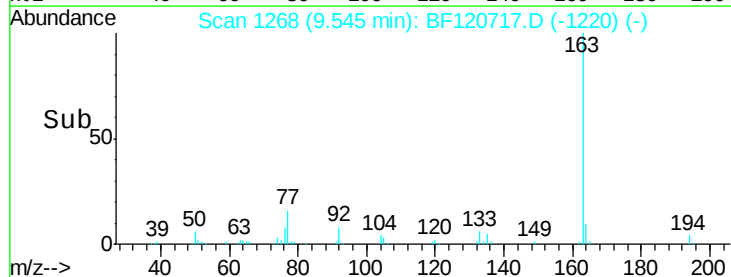
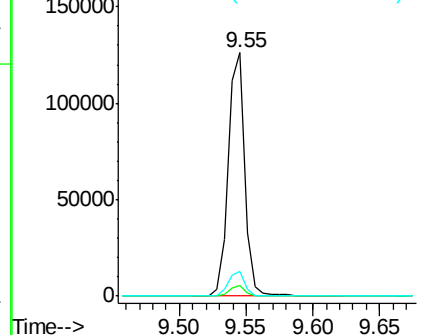


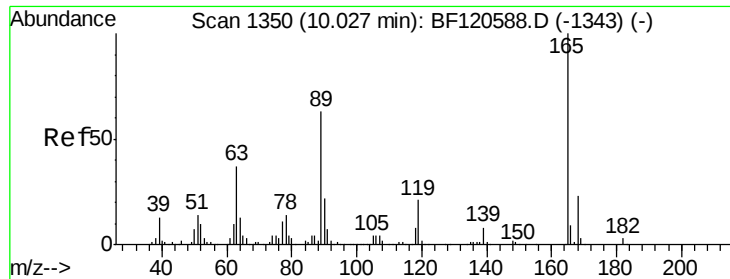
#50
Dimethylphthalate
Concen: 10.584 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:163 Resp: 110800
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.3 8.5 12.7



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

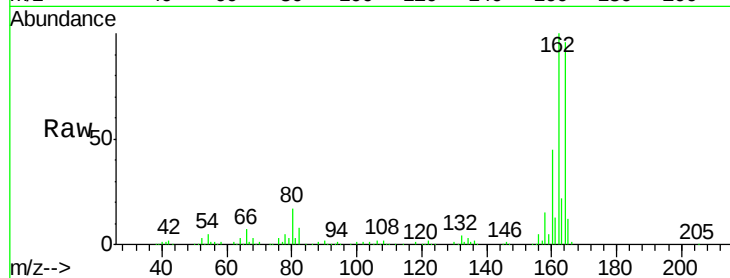




#57
 2,4-Dinitrotoluene
 Concen: 5.864 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.8#
89	0.0	50.4	75.6#
182	0.0	2.1	3.1#

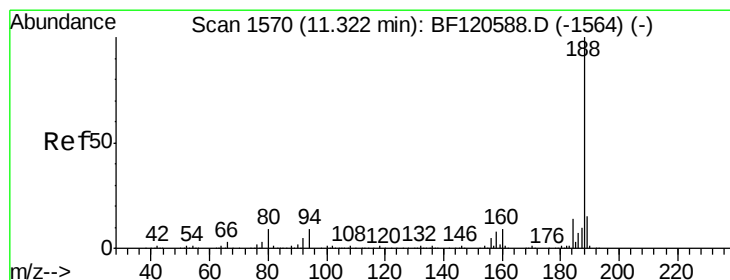
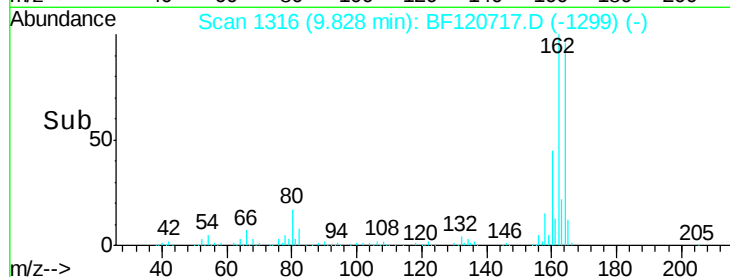
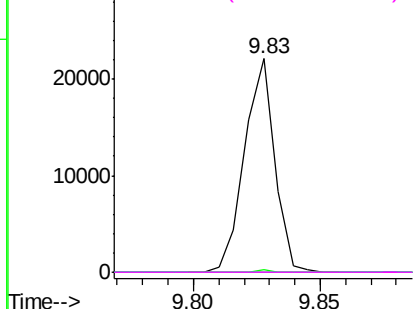


Abundance Ion 165.00 (164.70 to 165.70): E

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



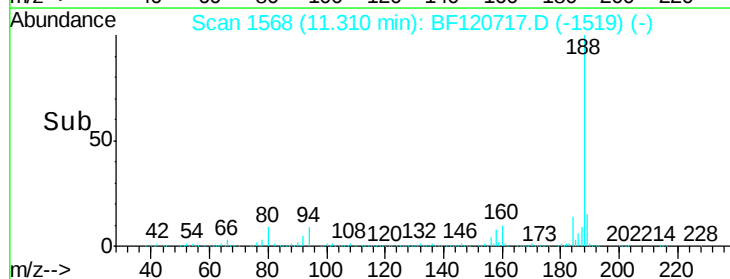
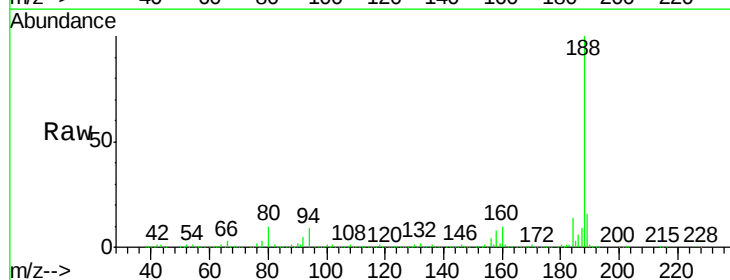
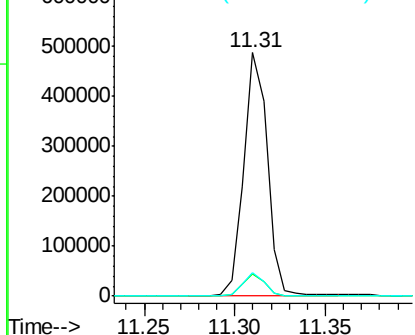
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF120717.D
 Acq: 26 Jun 2020 19:06

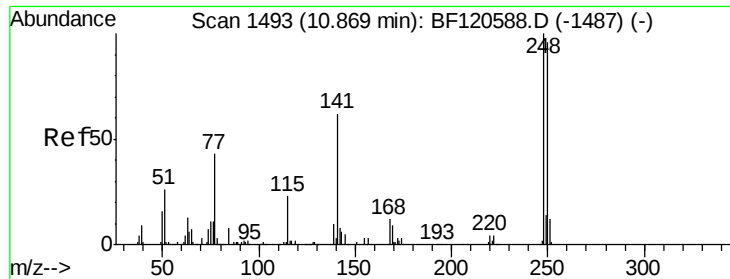
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.4	11.2

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

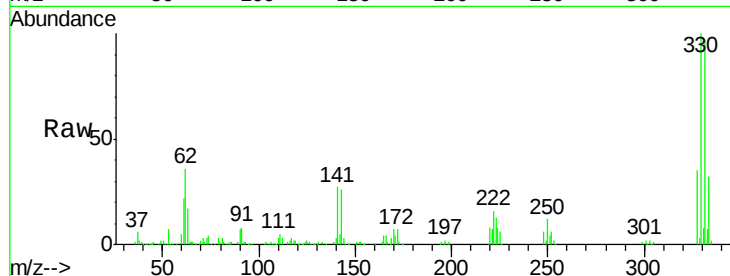




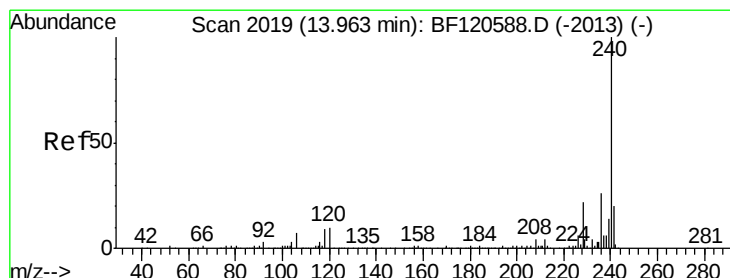
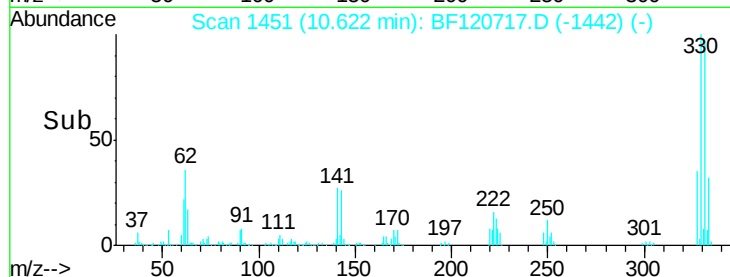
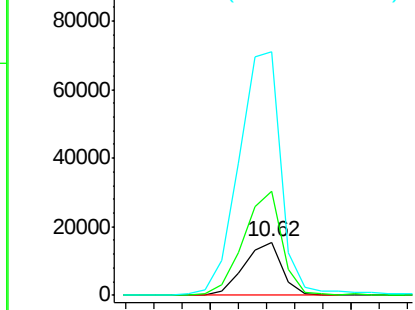
#67
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:248 Resp: 14451
Ion Ratio Lower Upper
248 100
250 196.7 76.7 115.1#
141 460.4 49.4 74.0#

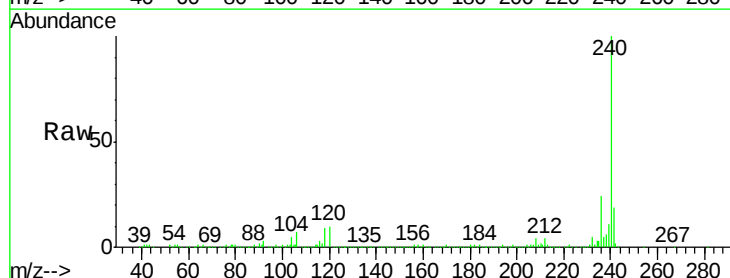


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

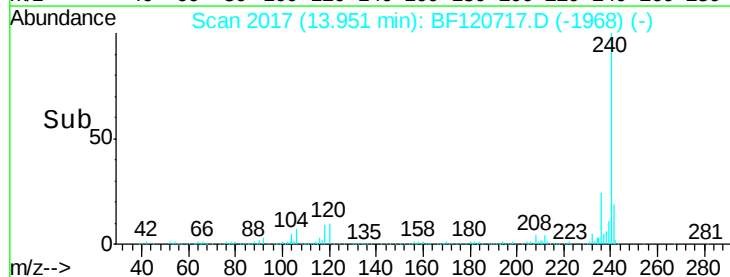
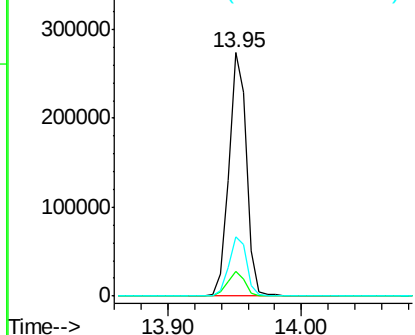


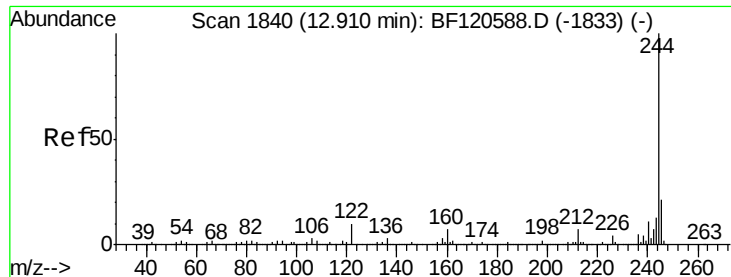
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:240 Resp: 255606
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.4 21.0 31.4



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: 102.145 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

Instrument :

BNA_F

ClientSampleId :

VNJ-242

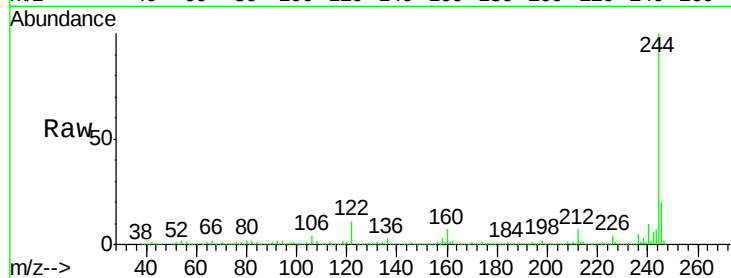
Tot Ion:244 Resp: 1181992

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

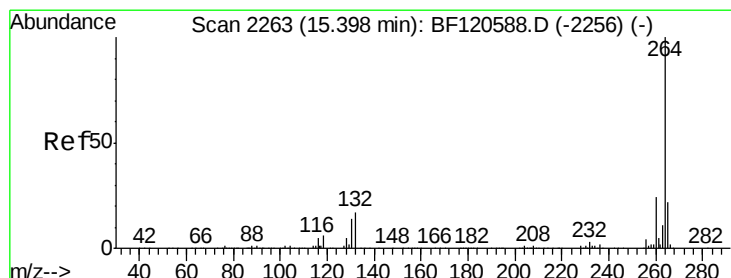
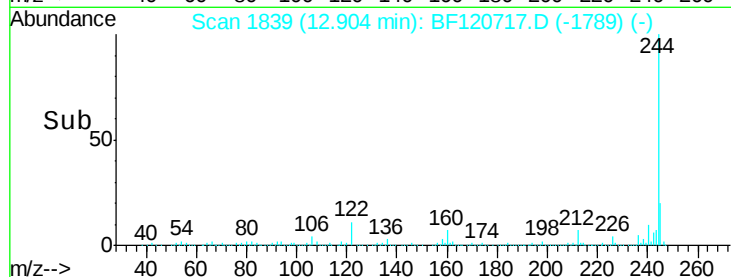
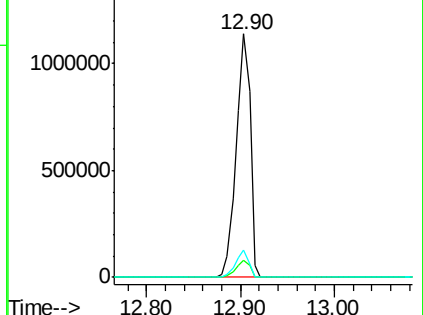
122 11.0 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120717.D

Acq: 26 Jun 2020 19:06

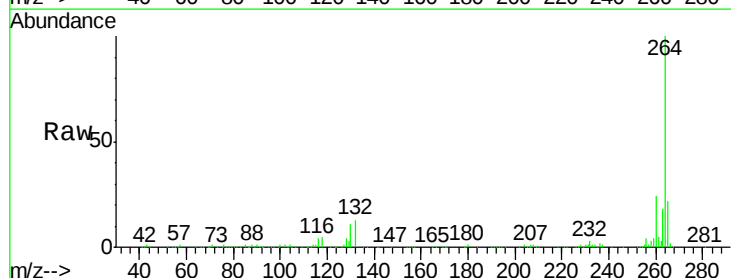
Tgt Ion:264 Resp: 261845

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.0 17.8 26.8



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

