

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120220.D
 Acq On : 27 Apr 2020 15:49
 Operator : MA/SJ
 Sample : L2409-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Quant Time: Apr 27 16:22:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

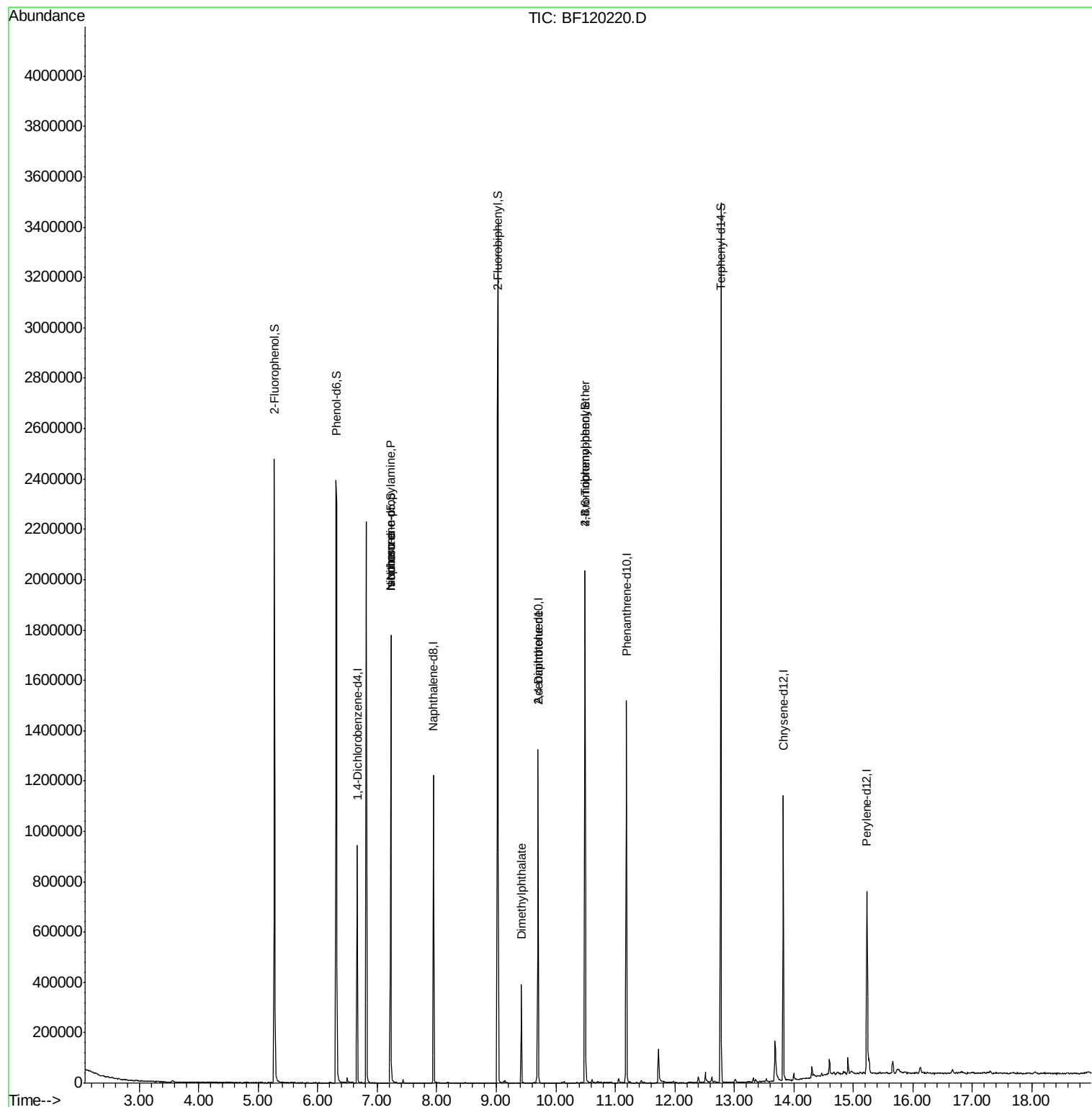
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	133390	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	526737	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	273250	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	526480	20.00	ng	0.00
76) Chrysene-d12	13.82	240	384038	20.00	ng	-0.02
87) Perylene-d12	15.23	264	309410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	652711	84.56	ng	0.00
7) Phenol-d6	6.31	99	833338	83.79	ng	-0.02
23) Nitrobenzene-d5	7.23	82	525688	51.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	226352	67.66	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1044876	54.29	ng	0.00
79) Terphenyl-d14	12.77	244	1201687	52.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	1216	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.23	70	67484	10.552	ng	# 75
25) Isophorone	7.23	82	525680	26.783	ng	# 65
50) Dimethylphthalate	9.42	163	140142	6.631	ng	100
57) 2,4-Dinitrotoluene	9.70	165	35289	5.787	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	14089	2.152	ng	# 1

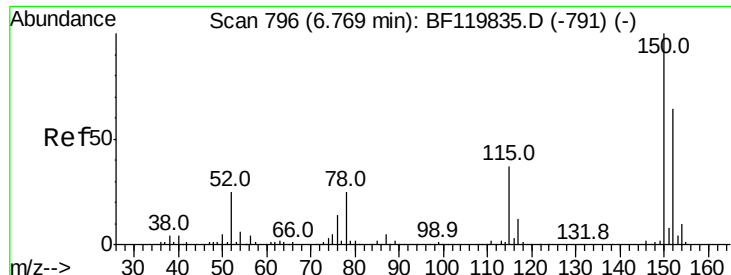
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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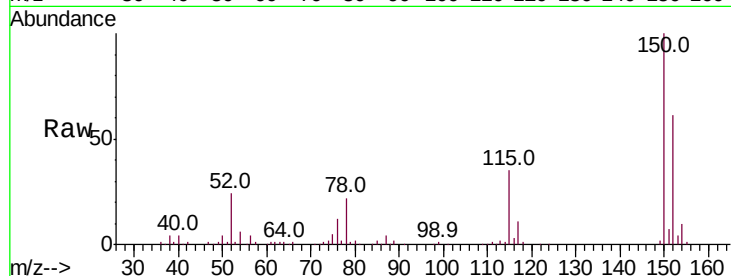


#1

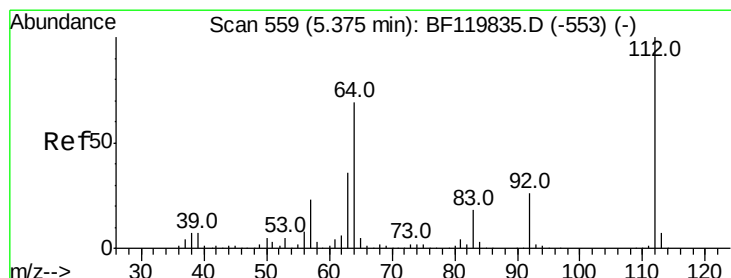
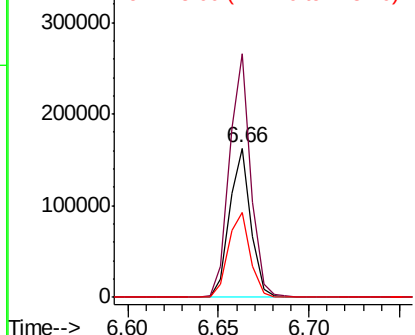
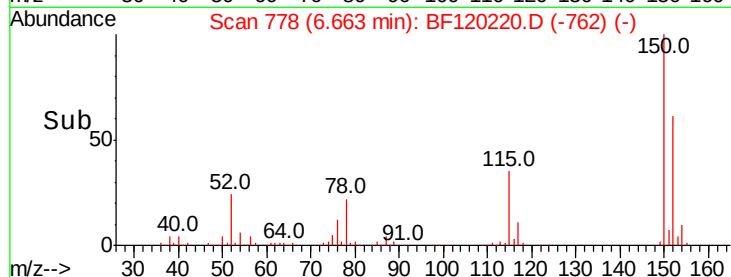
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tot Ion:152 Resp: 133390
Ion Ratio Lower Upper
152 100
150 163.3 124.5 186.7
115 57.0 49.6 74.4



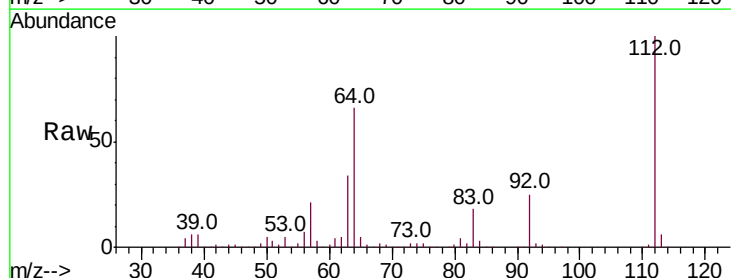
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



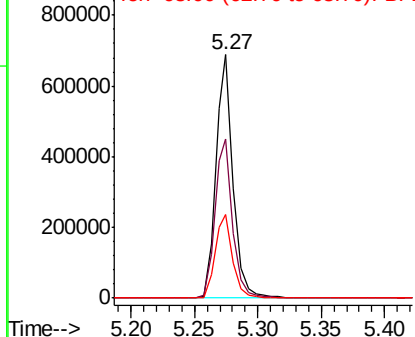
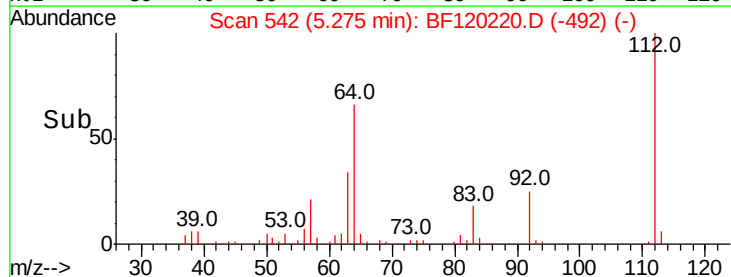
#5

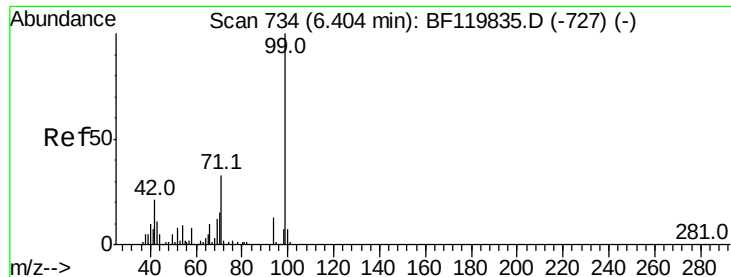
2-Fluorophenol
Concen: 84.564 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

Tgt Ion:112 Resp: 652711
Ion Ratio Lower Upper
112 100
64 65.6 56.7 85.1
63 34.1 29.5 44.3



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: 83.789 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

Instrument :

BNA_F

ClientSampled :

VNJ-218

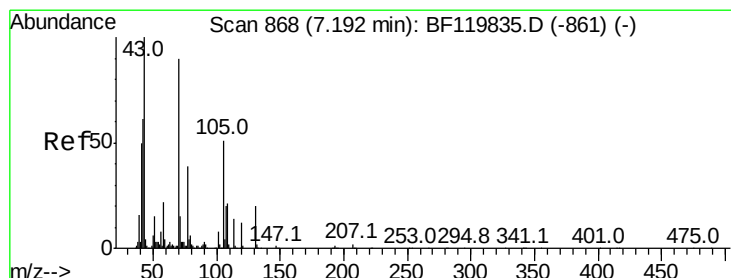
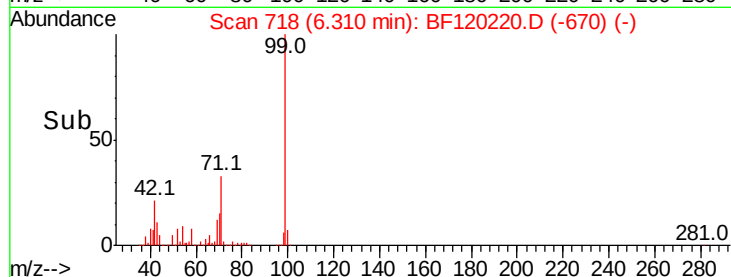
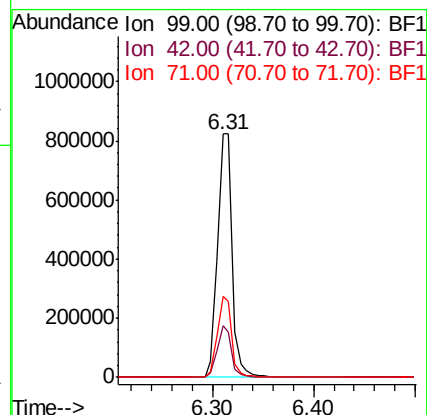
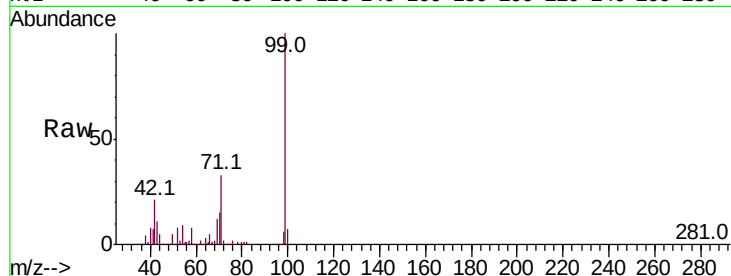
Tot Ion: 99 Resp: 833338

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 33.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.552 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

Tgt Ion: 70 Resp: 67484

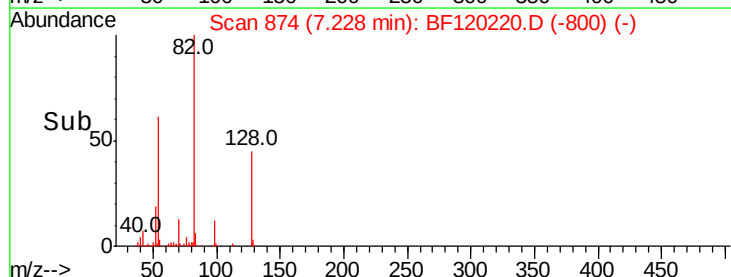
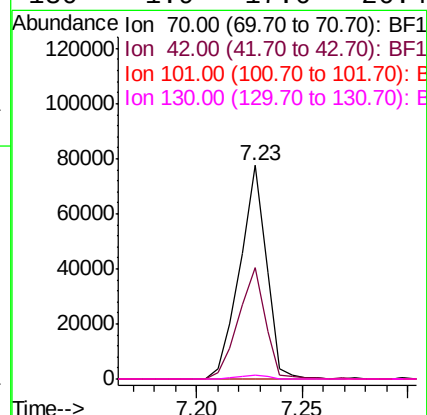
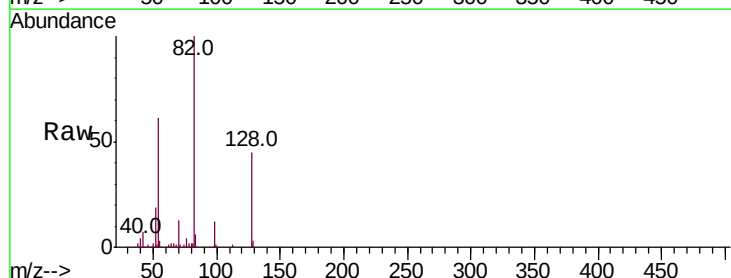
Ion Ratio Lower Upper

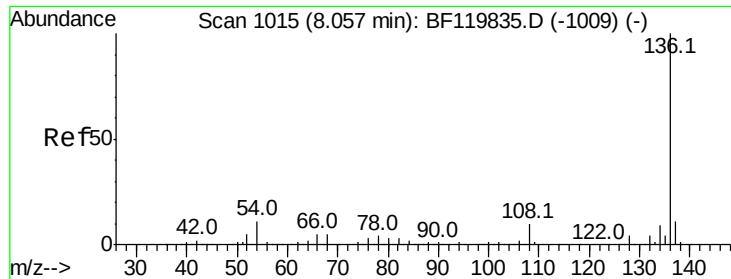
70 100

42 52.4 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

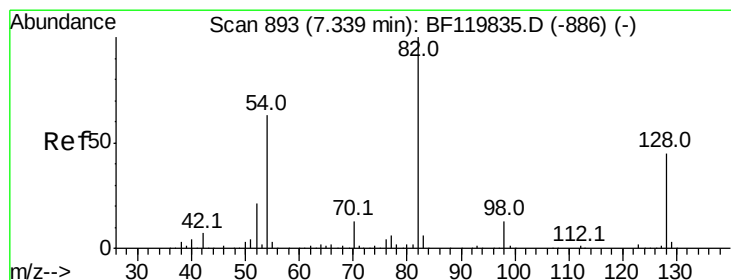
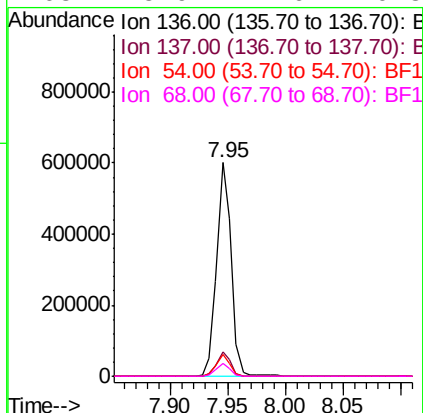
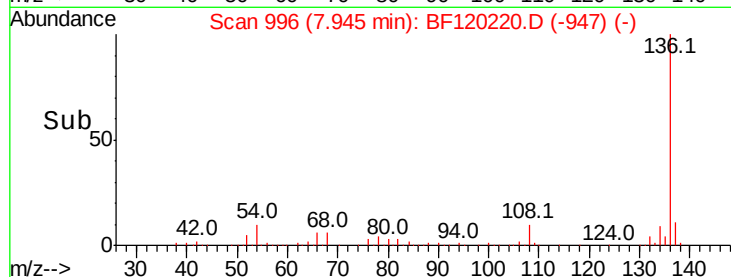
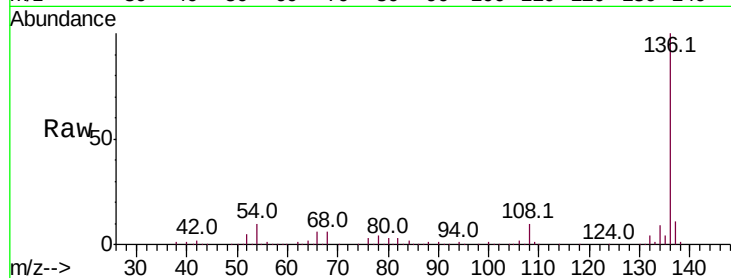




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

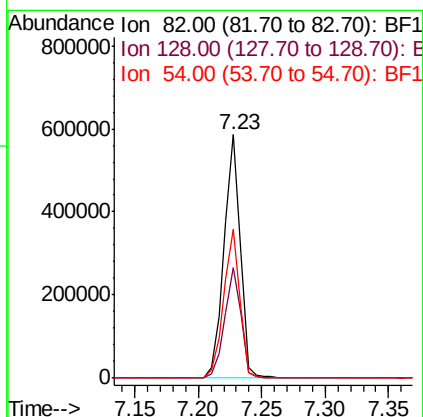
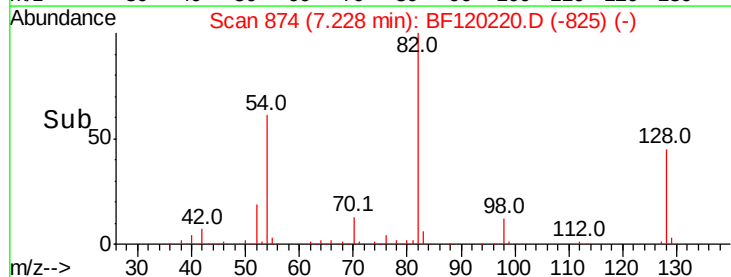
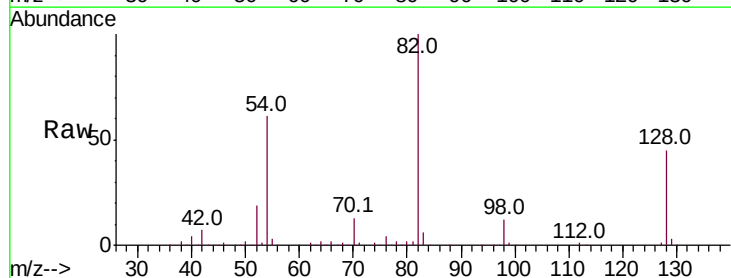
Instrument :
BNA_F
ClientSampleId :
VNJ-218

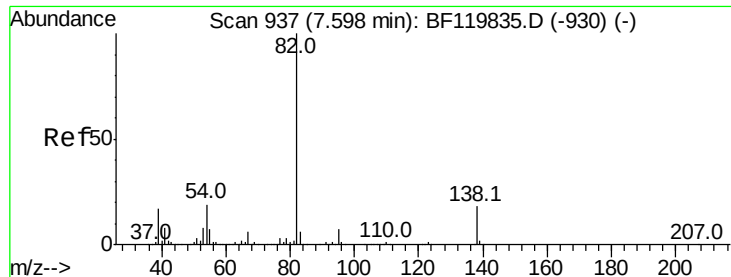
Tot Ion:136	Resp:	526737
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.7	13.1
54 10.2	9.1	13.7
68 5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 51.631 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

Tgt	Ion: 82	Resp:	525688
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	60.9	50.6	75.8





#25

Isophorone

Concen: 26.783 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

Instrument :

BNA_F

ClientSampleId :

VNJ-218

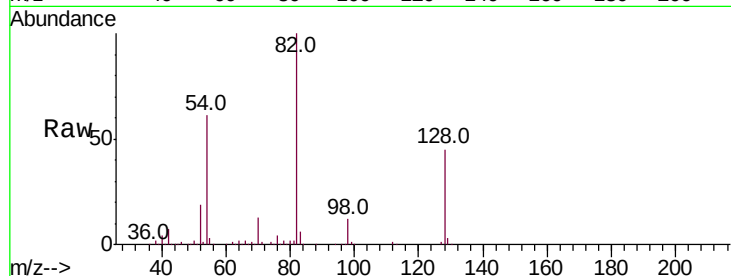
Tot Ion: 82 Resp: 525680

Ion Ratio Lower Upper

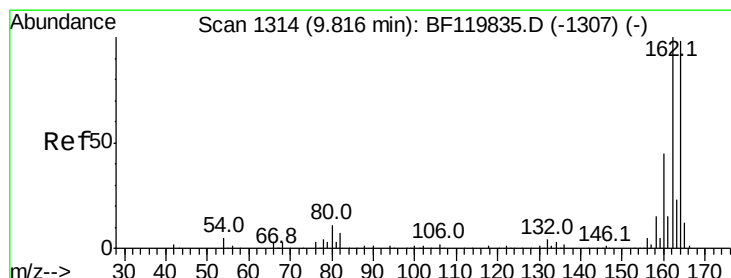
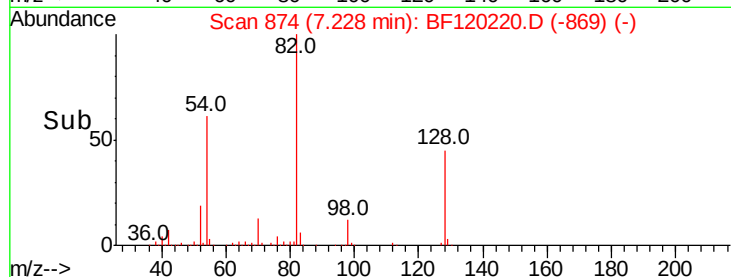
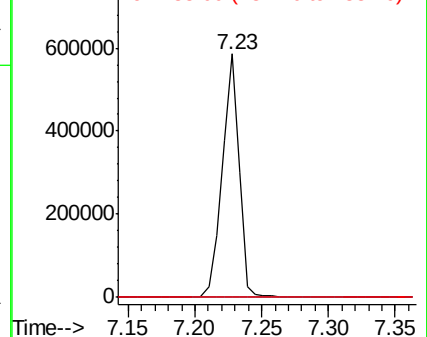
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

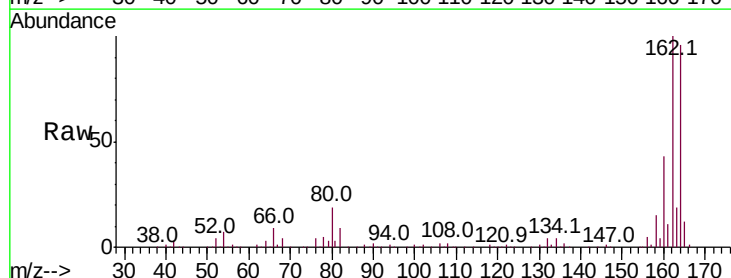
Tgt Ion:164 Resp: 273250

Ion Ratio Lower Upper

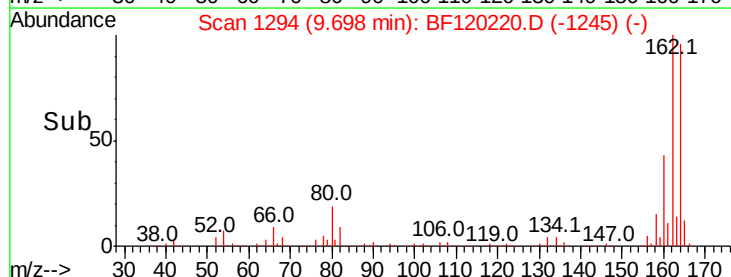
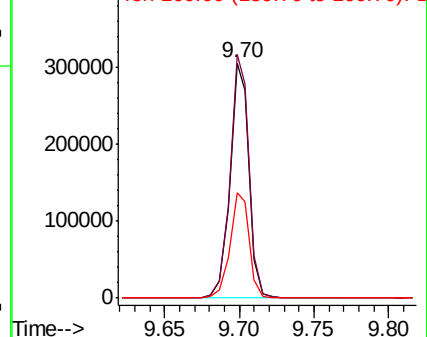
164 100

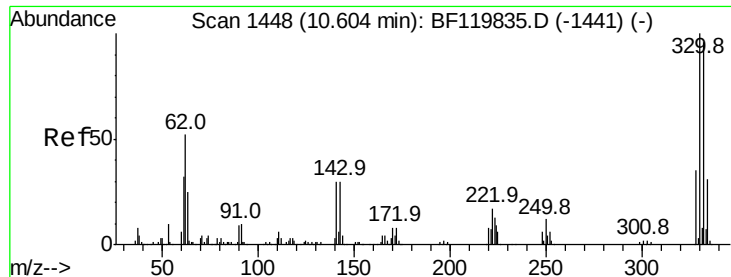
162 103.7 80.6 121.0

160 44.8 35.7 53.5



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

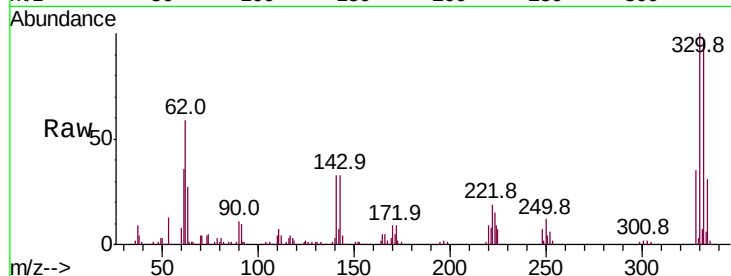




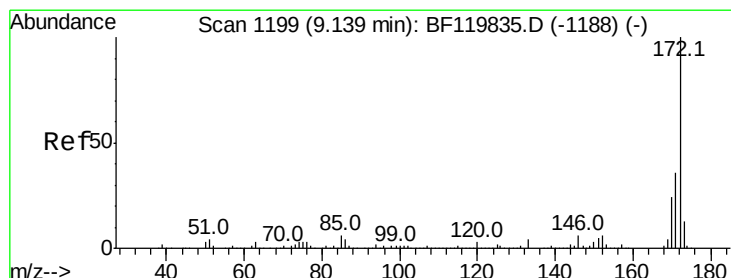
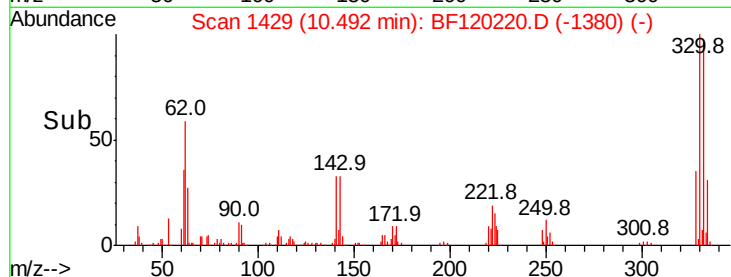
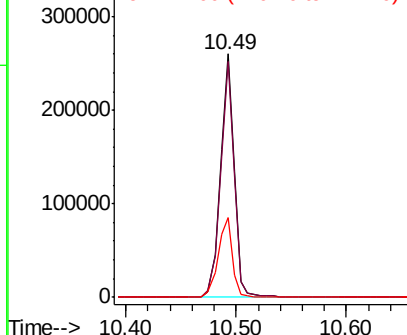
#42
 2,4,6-Tribromophenol
 Concen: 67.658 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120220.D
 Acq: 27 Apr 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Tot Ion:330 Resp: 226352
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 34.0 25.4 38.0

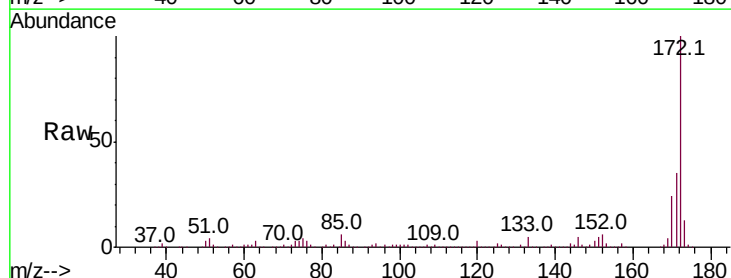


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

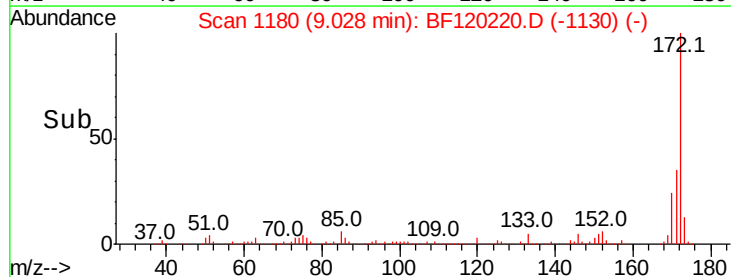
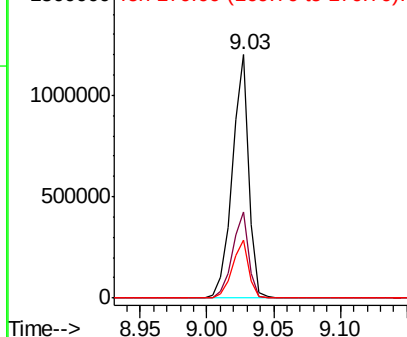


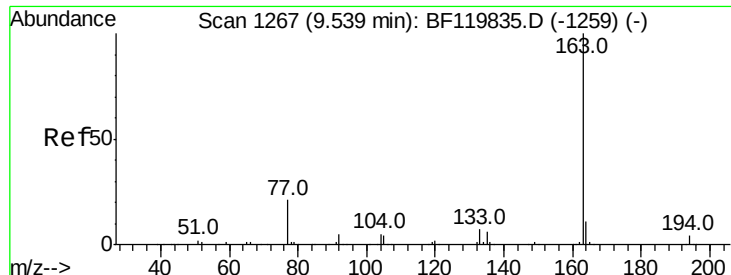
#45
 2-Fluorobiphenyl
 Concen: 54.291 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120220.D
 Acq: 27 Apr 2020 15:49

Tgt Ion:172 Resp: 1044876
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.9 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

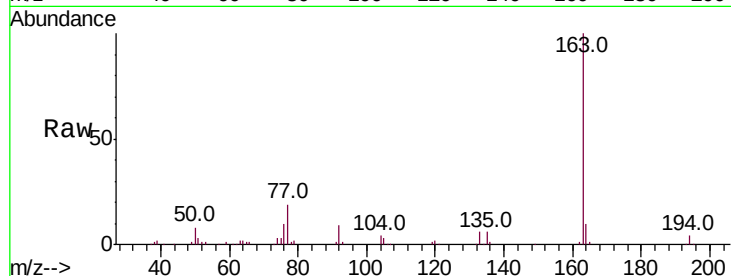




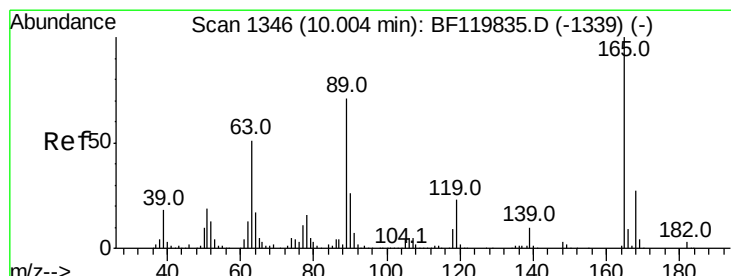
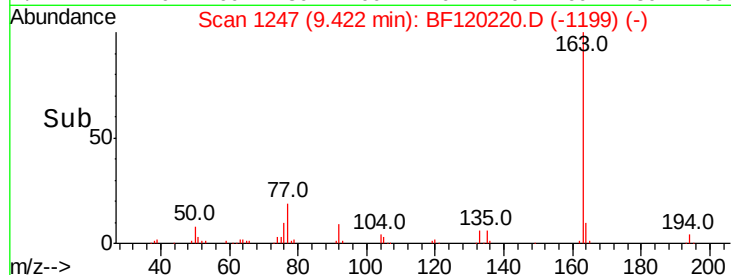
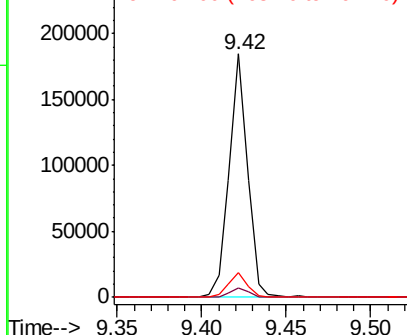
#50
Dimethylphthalate
Concen: 6.631 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.2	12.2



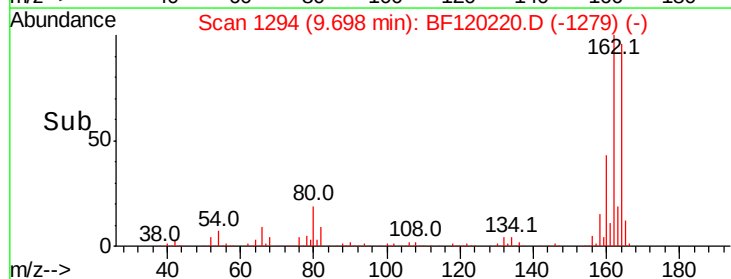
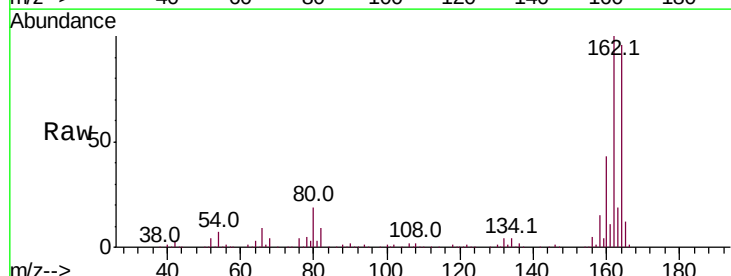
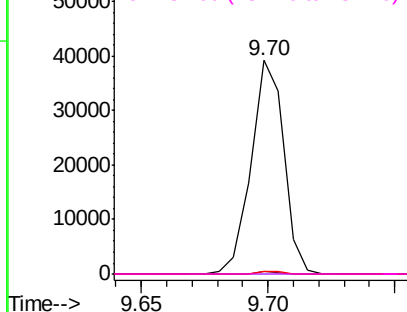
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

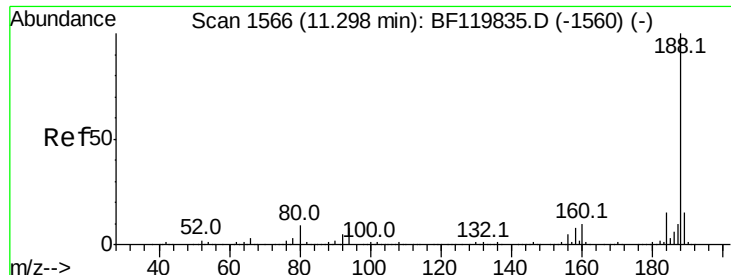


#57
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF120220.D
Acq: 27 Apr 2020 15:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#

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: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

Instrument :

BNA_F

ClientSampleId :

VNJ-218

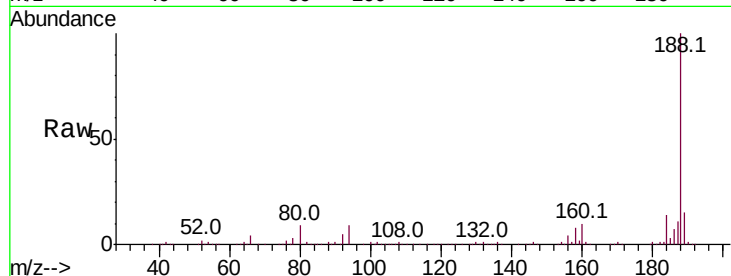
Tot Ion:188 Resp: 526480

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

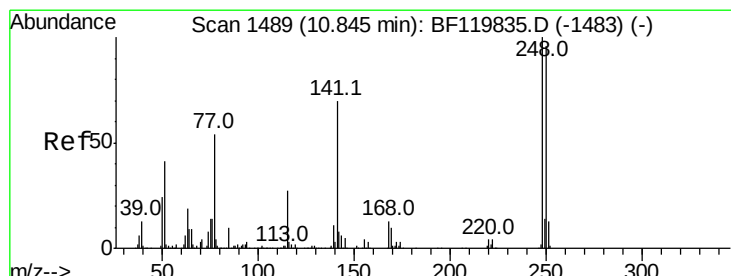
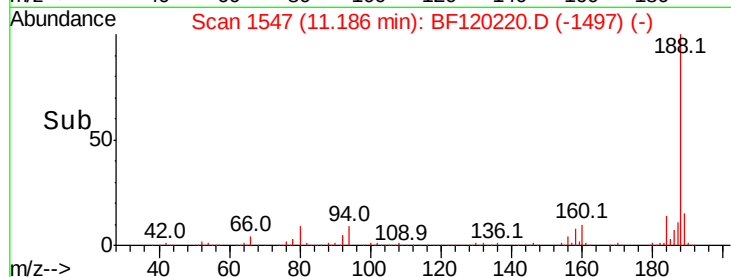
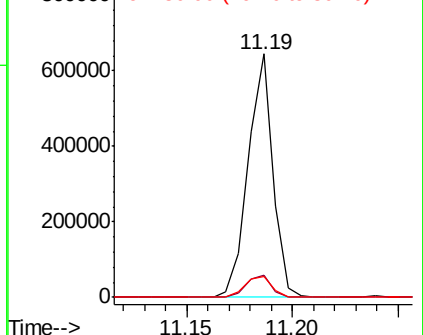
80 8.8 9.0 13.4#



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: 2.152 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.25 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

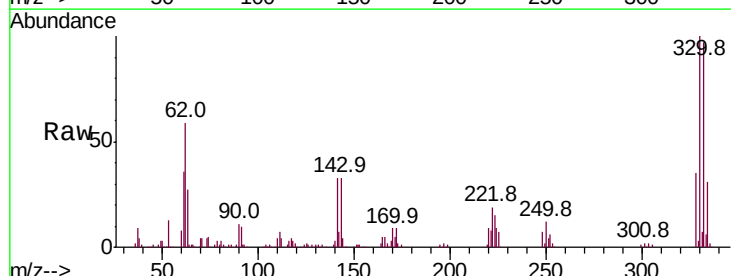
Tgt Ion:248 Resp: 14089

Ion Ratio Lower Upper

248 100

250 189.3 77.3 115.9#

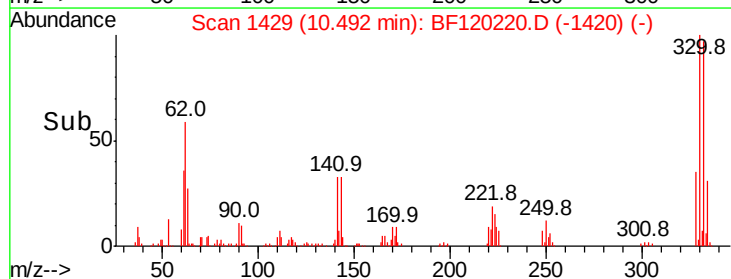
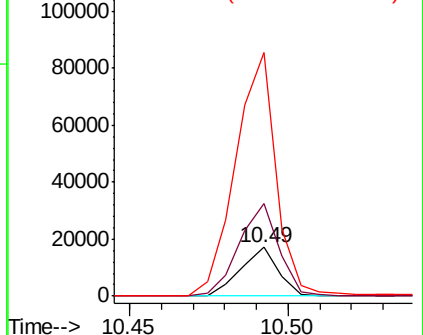
141 499.7 58.6 87.8#

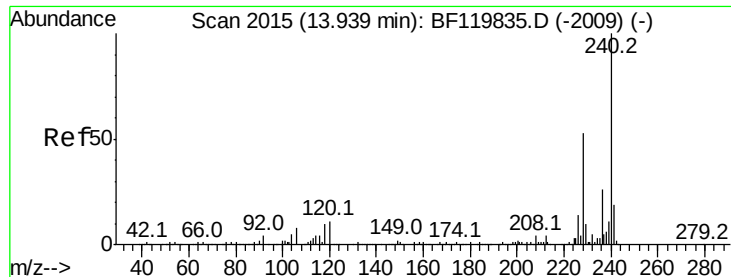


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

Instrument :

BNA_F

ClientSampleId :

VNJ-218

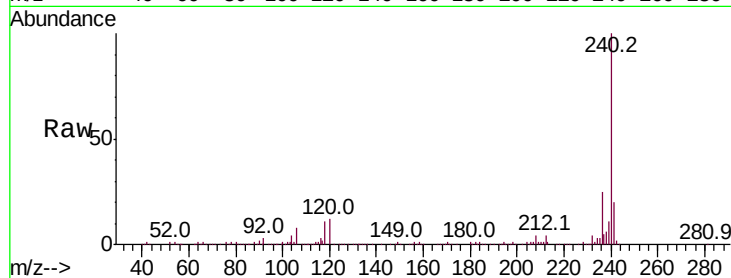
Tot Ion:240 Resp: 384038

Ion Ratio Lower Upper

240 100

120 11.6 10.6 15.8

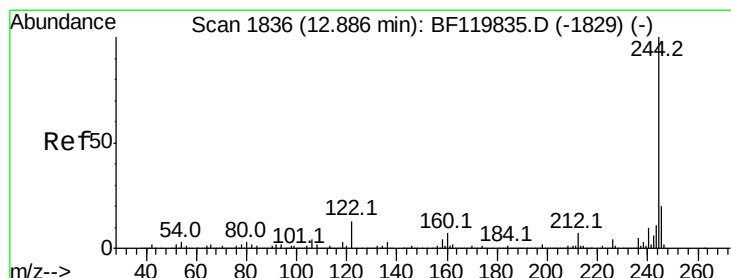
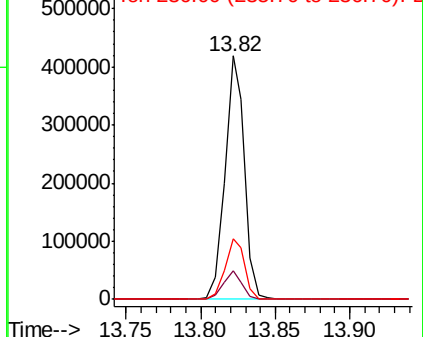
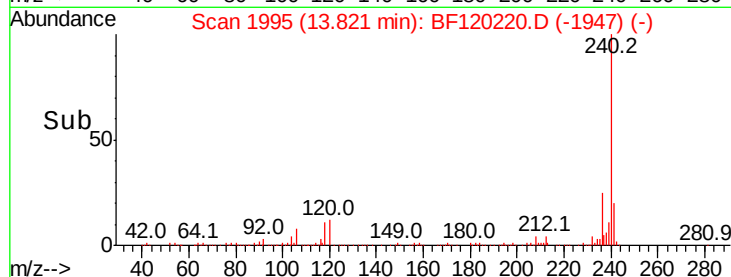
236 25.1 20.2 30.2



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: 52.652 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF120220.D

Acq: 27 Apr 2020 15:49

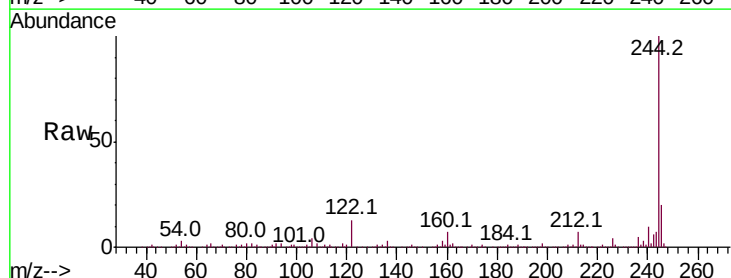
Tgt Ion:244 Resp: 1201687

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

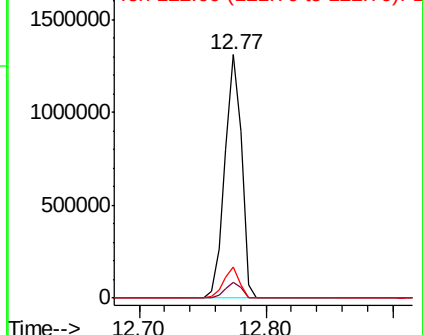
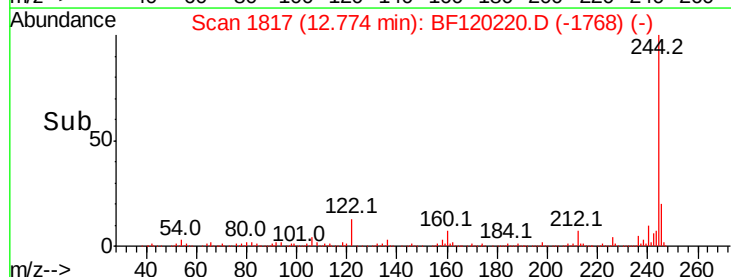
122 12.8 10.3 15.5

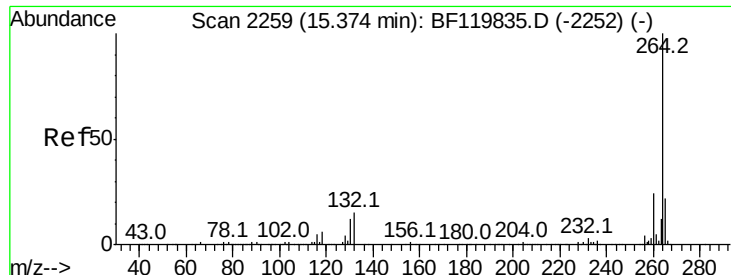


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120220.D
 Acq: 27 Apr 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.7	17.7	26.5

