

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119167.D
 Acq On : 2 Mar 2020 11:35
 Operator : CG/JU
 Sample : L1718-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Mar 03 07:43:20 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

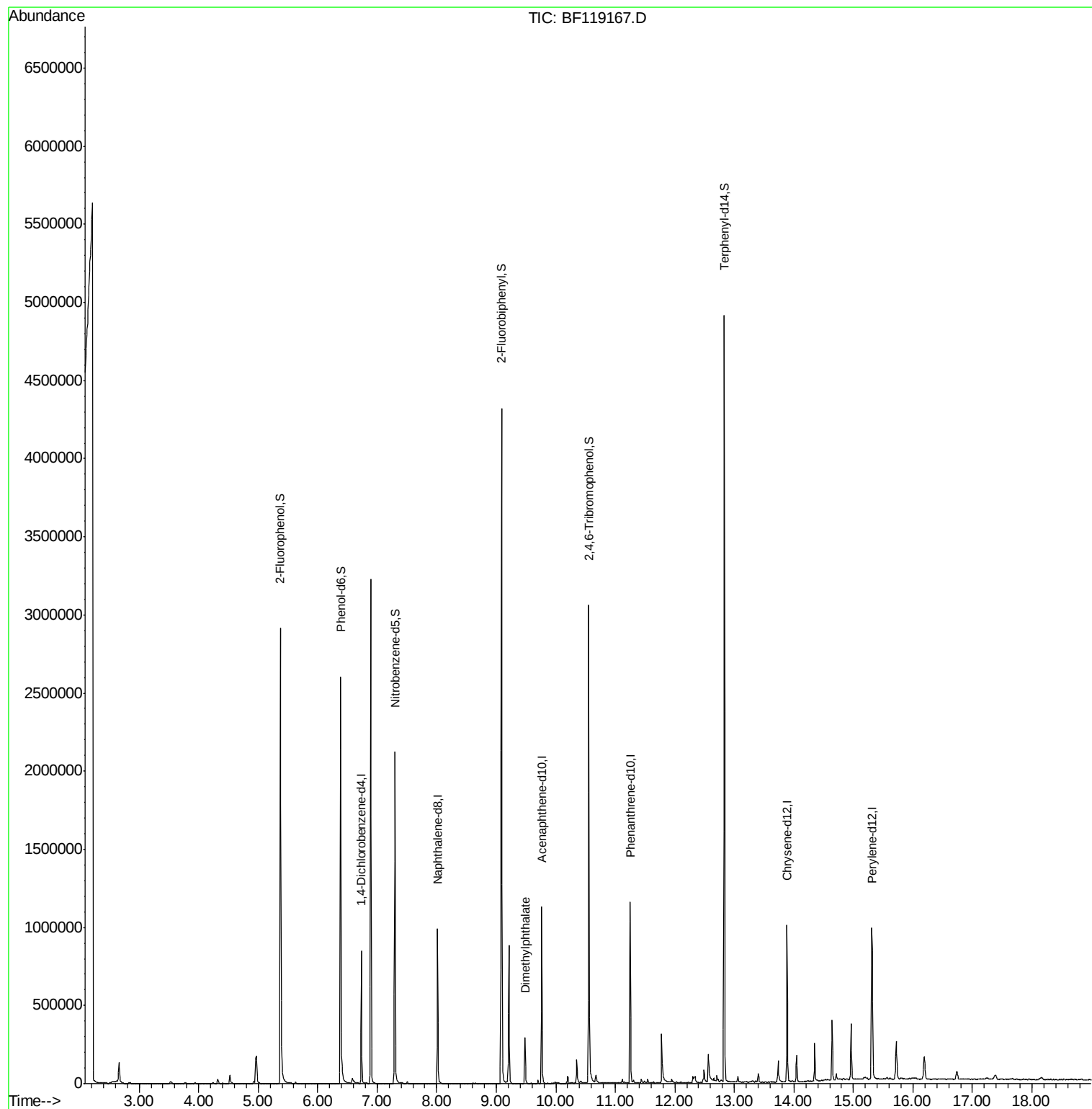
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128523	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	484076	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	266861	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	456059	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	328065	20.00	ng	-0.02
87) Perylene-d12	15.31	264	365470	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	911976	118.58	ng	0.00
7) Phenol-d6	6.39	99	1007878	107.76	ng	-0.02
23) Nitrobenzene-d5	7.30	82	797643	87.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	427670	122.51	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1574428	86.91	ng	-0.02
79) Terphenyl-d14	12.83	244	1776660	93.24	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.49	163	139552	6.839	ng	Qvalue 98

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

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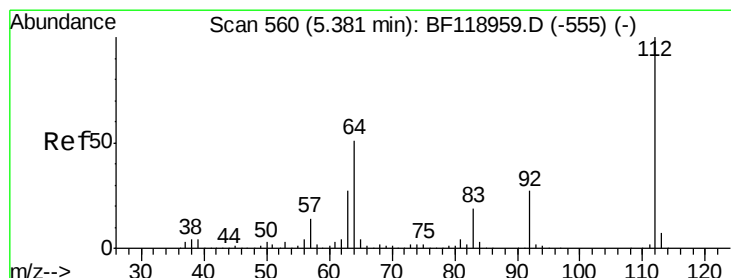
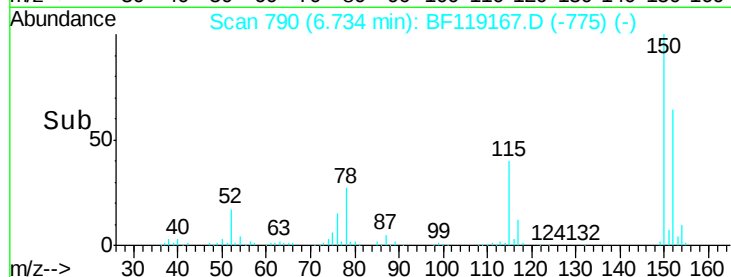
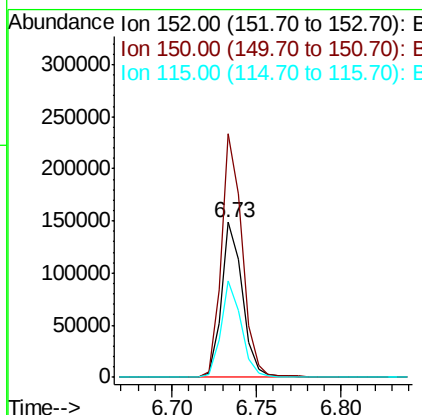
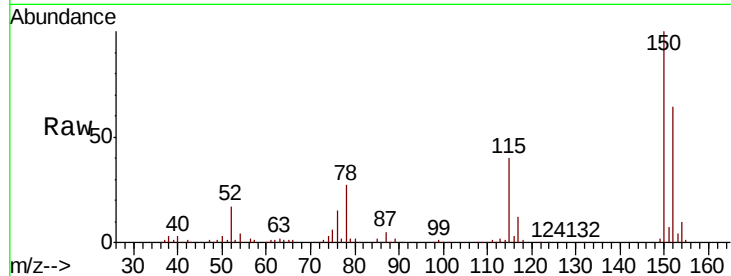


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Instrument :
BNA_F
ClientSampleId :
VNJ-232

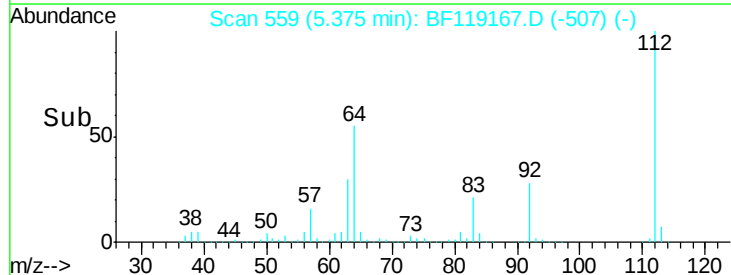
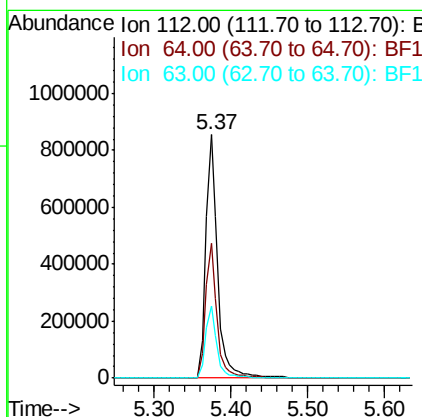
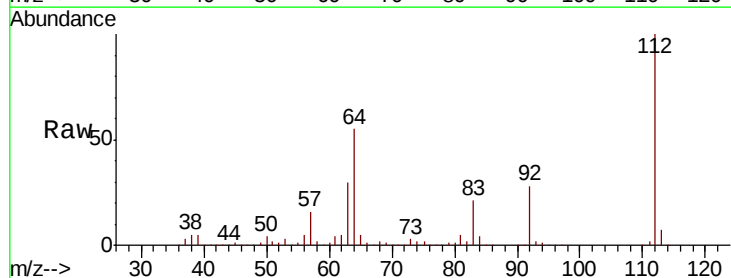
Tot Ion:152 Resp: 128523
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 62.1 49.5 74.3



#5

2-Fluorophenol
Concen: 118.584 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion:112 Resp: 911976
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 29.7 24.2 36.4





#7

Phenol-d6

Concen: 107.758 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

VNJ-232

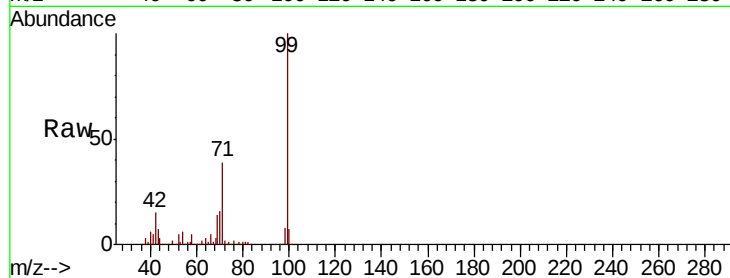
Tot Ion: 99 Resp: 1007878

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

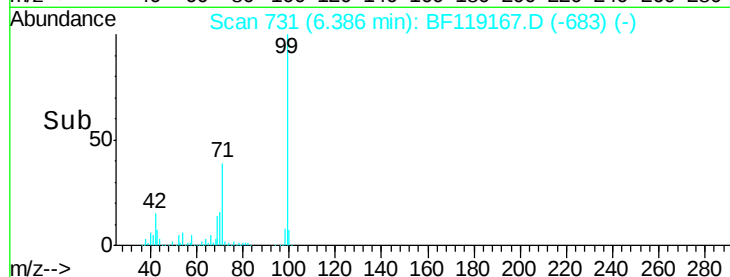
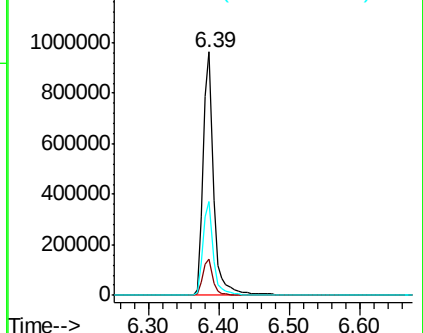
71 38.6 31.0 46.4



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# 1008

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Tgt Ion: 136 Resp: 484076

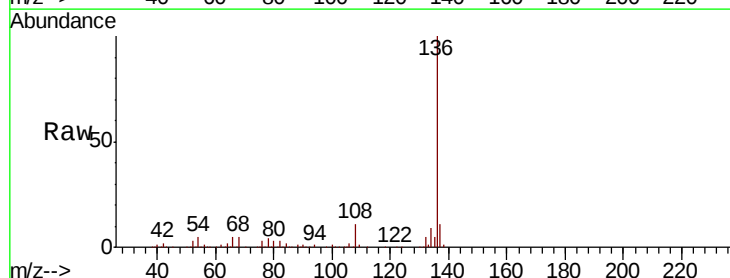
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.7 3.8 5.6

68 4.7 3.9 5.9

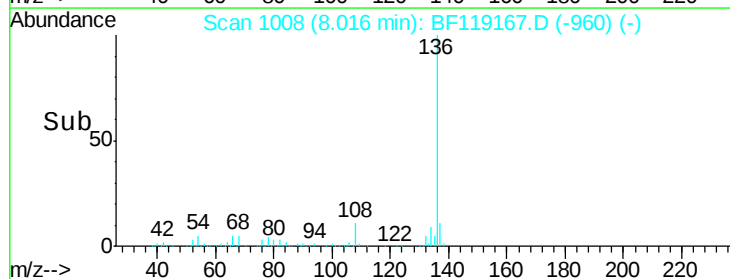
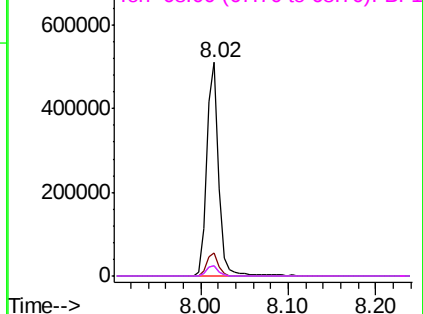


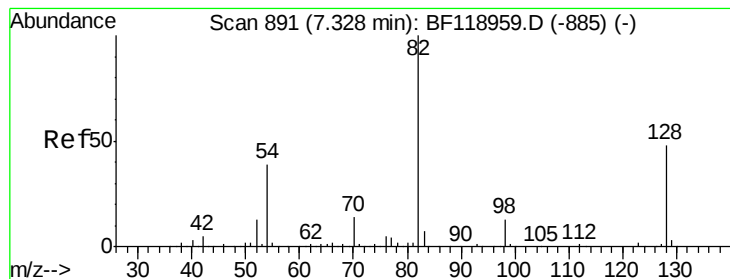
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.002 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

VNJ-232

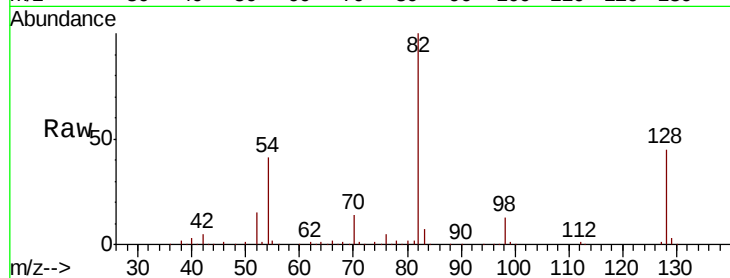
Tot Ion: 82 Resp: 797643

Ion Ratio Lower Upper

82 100

128 45.5 37.9 56.9

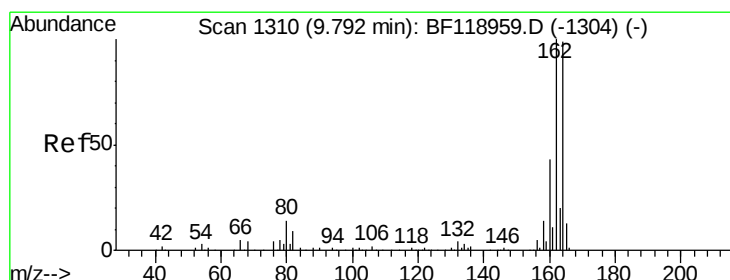
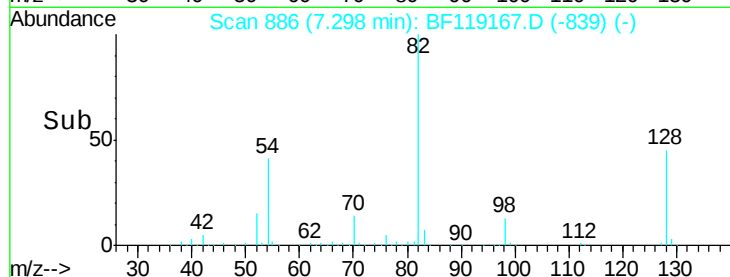
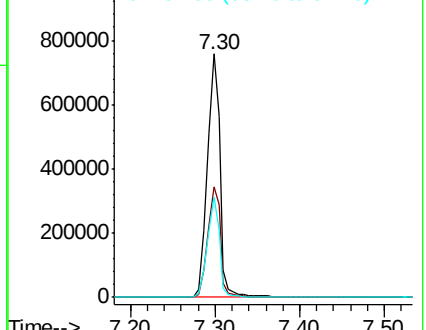
54 41.2 33.4 50.2



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

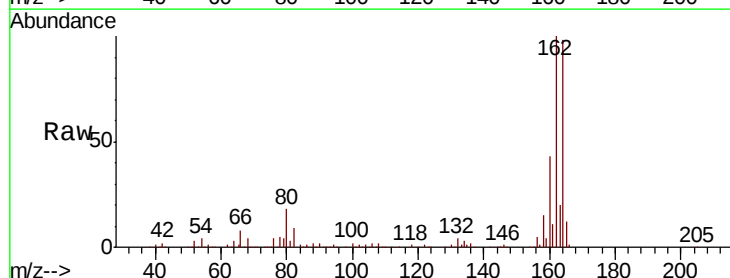
Tgt Ion:164 Resp: 266861

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

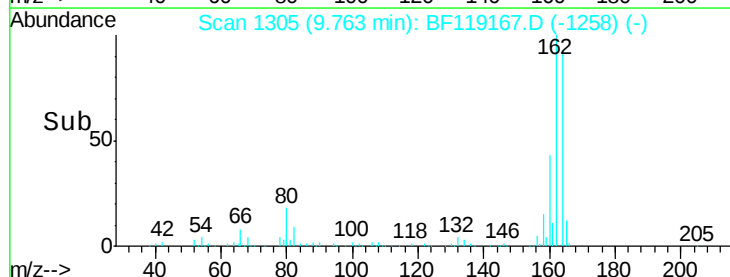
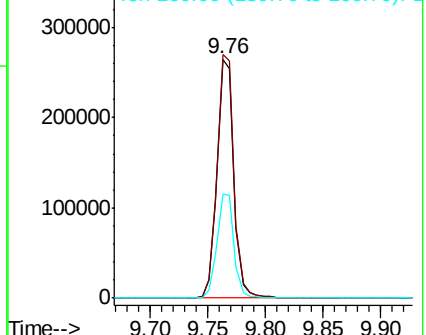
160 43.4 36.0 54.0



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

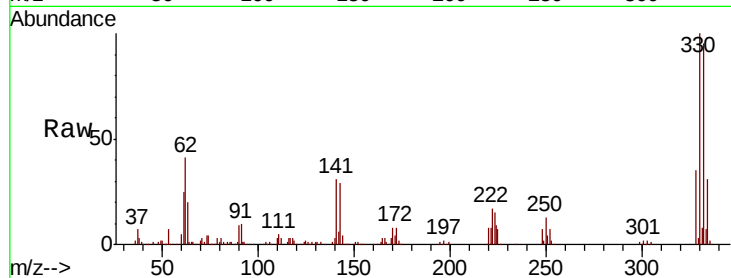




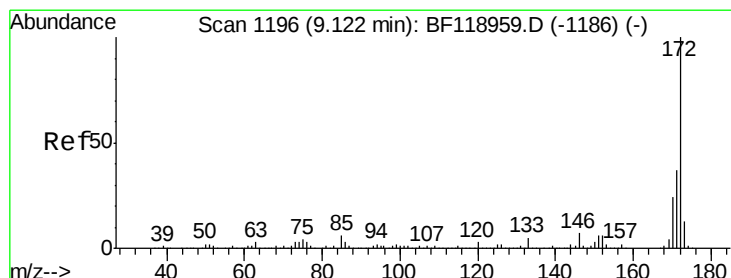
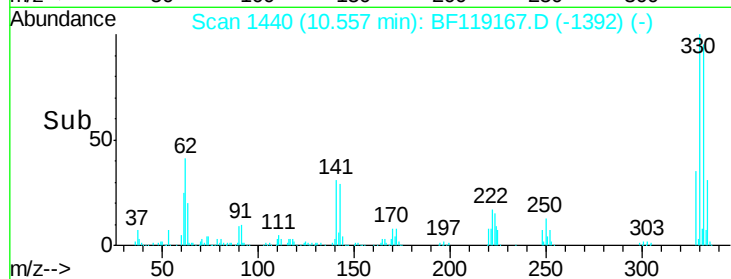
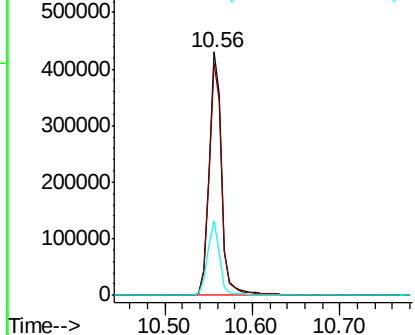
#42
 2,4,6-Tribromophenol
 Concen: 122.507 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Tot Ion:330 Resp: 427670
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 30.0 22.9 34.3

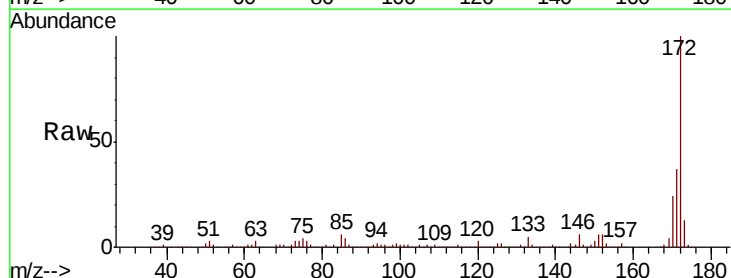


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

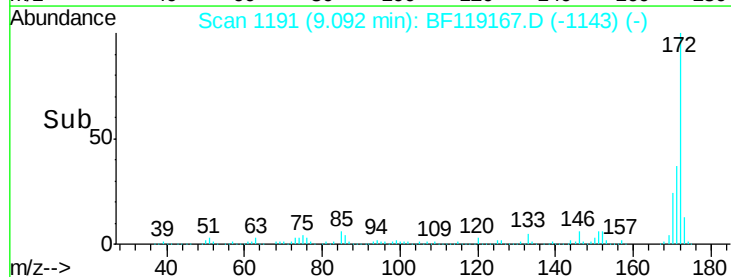
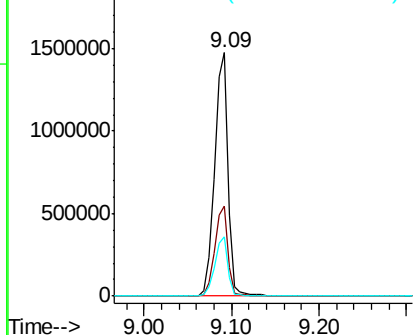


#45
 2-Fluorobiphenyl
 Concen: 86.914 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Tgt Ion:172 Resp: 1574428
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 45.8
 170 24.1 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: 6.839 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

VNJ-232

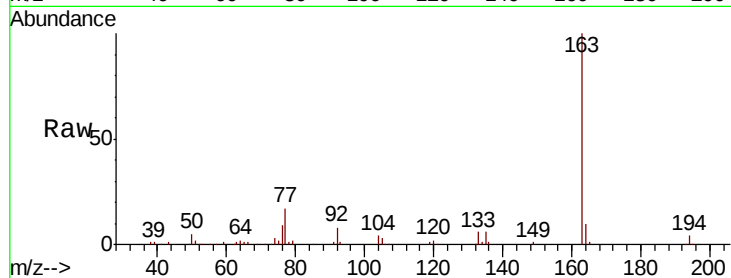
Tot Ion:163 Resp: 139552

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

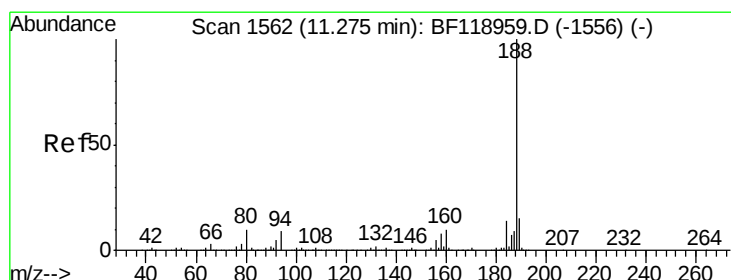
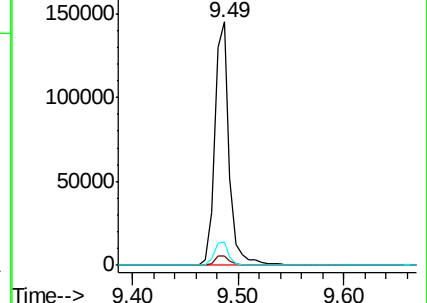
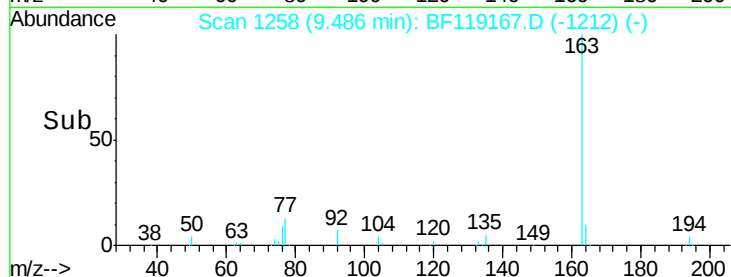
164 9.7 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

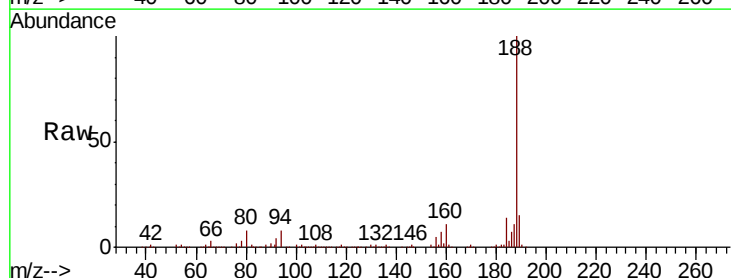
Tgt Ion:188 Resp: 456059

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

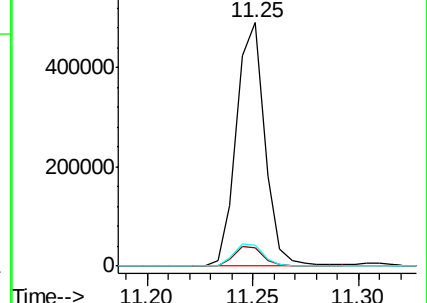
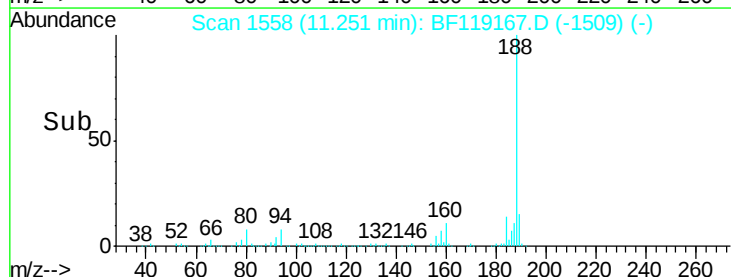
80 8.4 7.8 11.8



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# 2006

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

VNJ-232

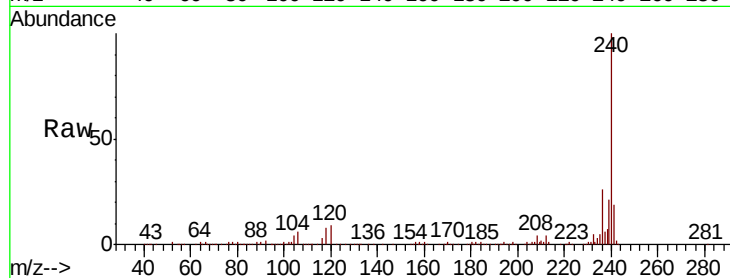
Tot Ion:240 Resp: 328065

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

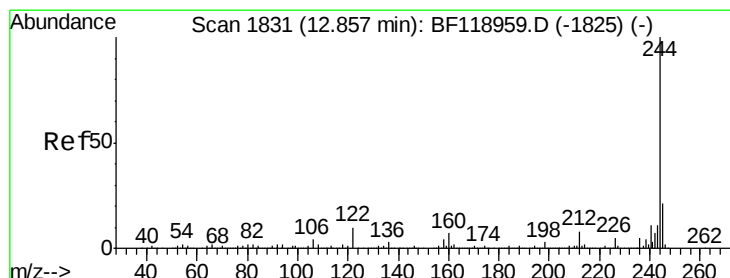
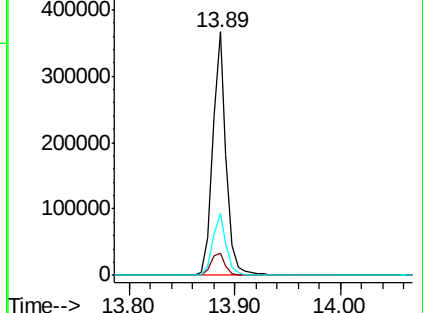
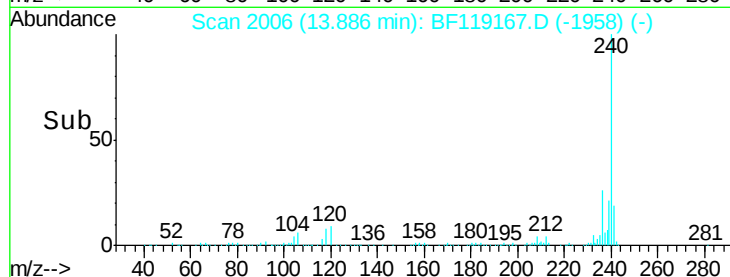
236 25.5 21.0 31.4



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: 93.239 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

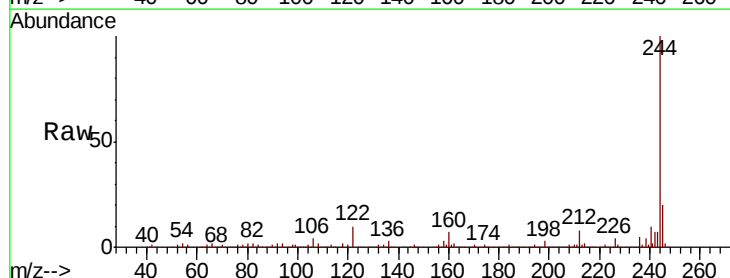
Tgt Ion:244 Resp: 1776660

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

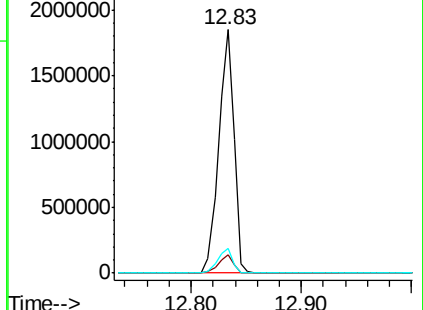
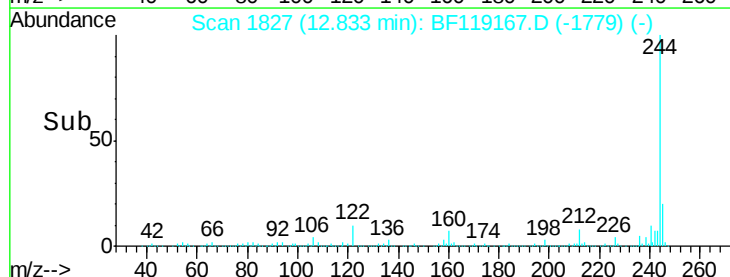
122 9.9 8.2 12.2

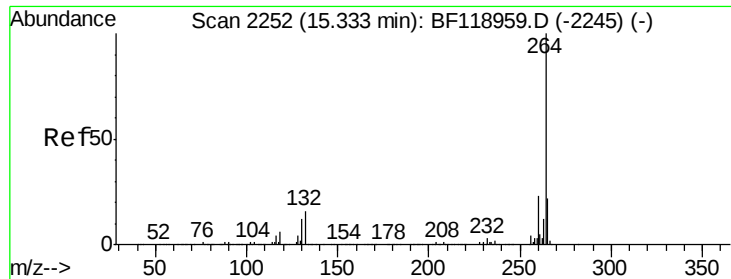


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

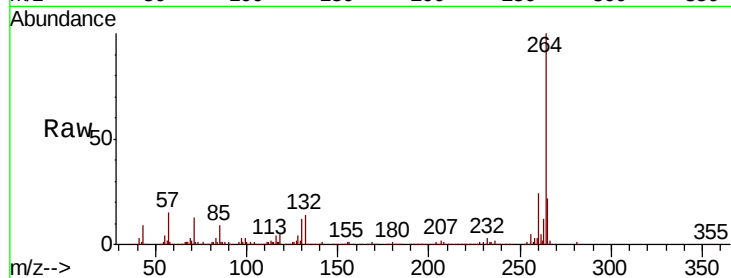




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.7	26.5



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

