

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119237.D
 Acq On : 6 Mar 2020 3:24
 Operator : CG/JU
 Sample : L1774-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Mar 06 08:14:52 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

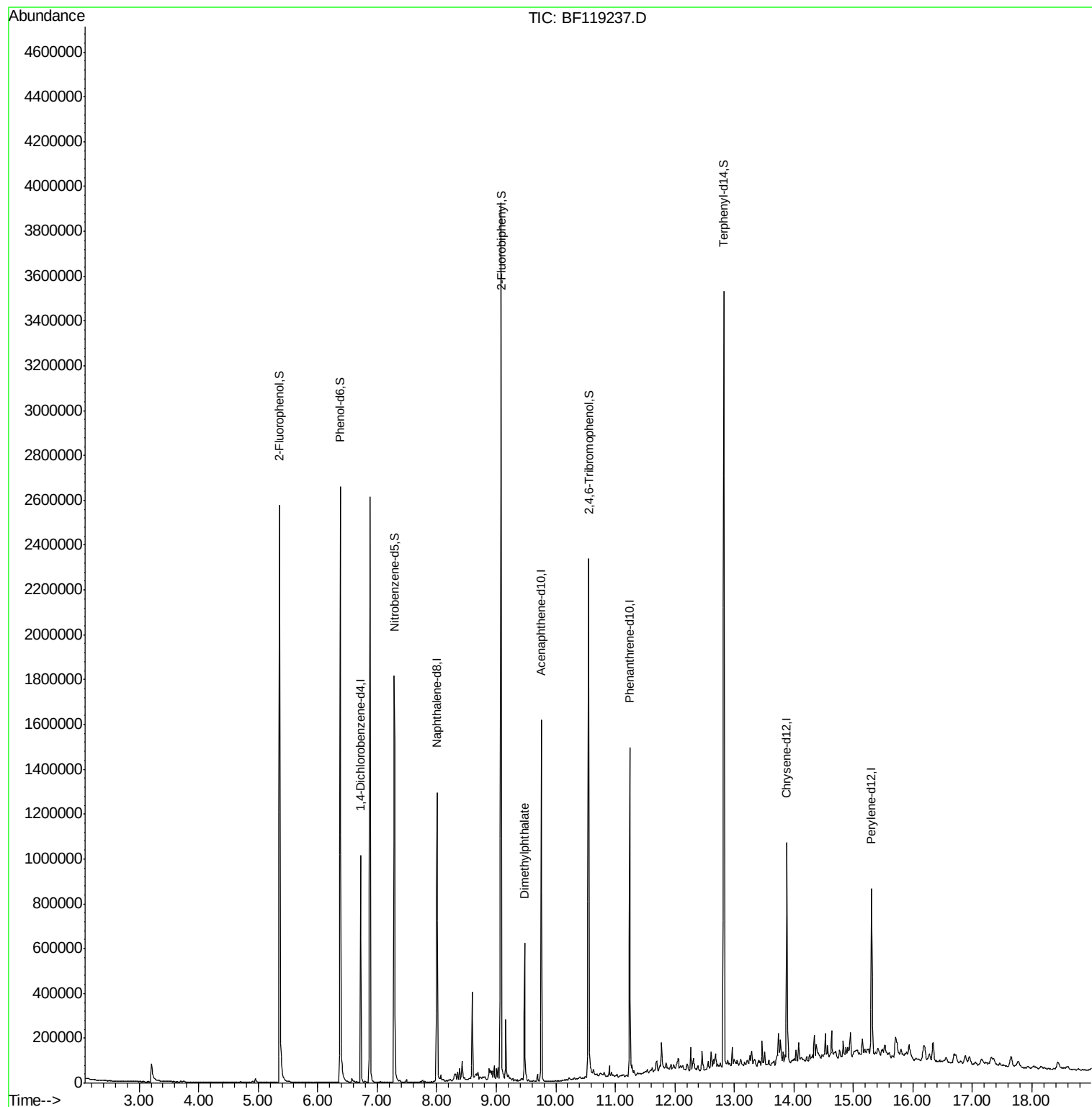
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158852	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	611014	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	327291	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	559851	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	306551	20.00	ng	-0.02
87) Perylene-d12	15.30	264	322584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	844010	88.79	ng	-0.01
7) Phenol-d6	6.38	99	1036087	89.62	ng	-0.02
23) Nitrobenzene-d5	7.29	82	694371	60.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	340803	79.60	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1274356	57.36	ng	-0.03
79) Terphenyl-d14	12.82	244	1277306	71.74	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.47	163	249455	9.967	ng	Qvalue 100

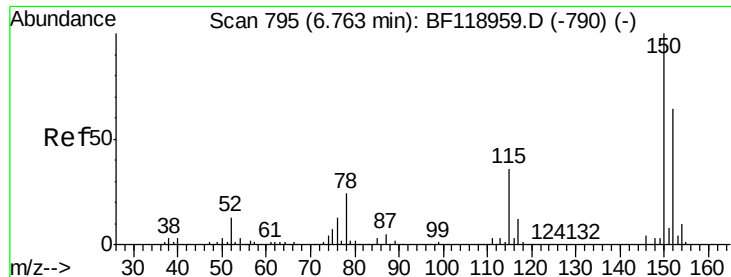
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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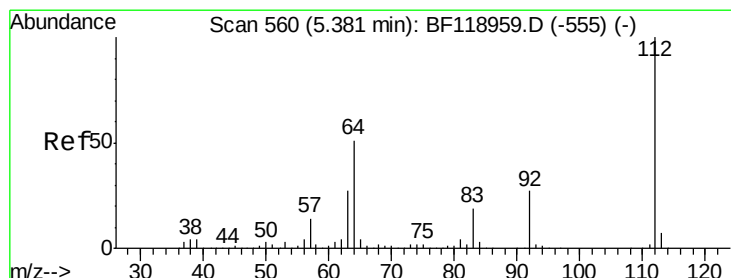
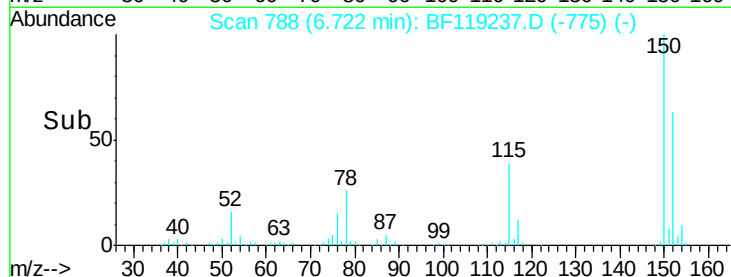
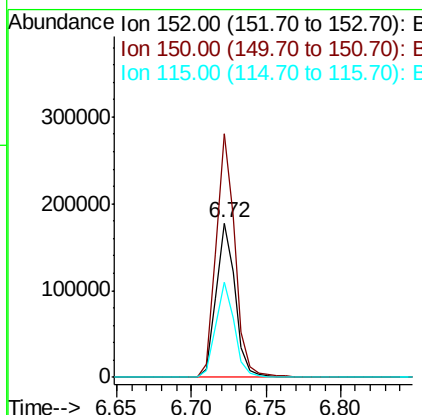
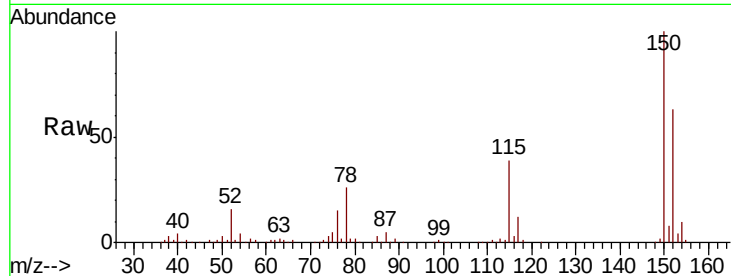




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

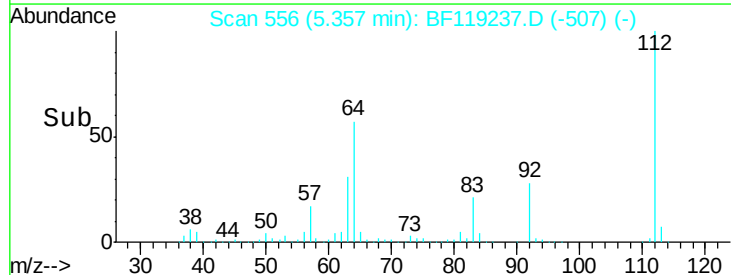
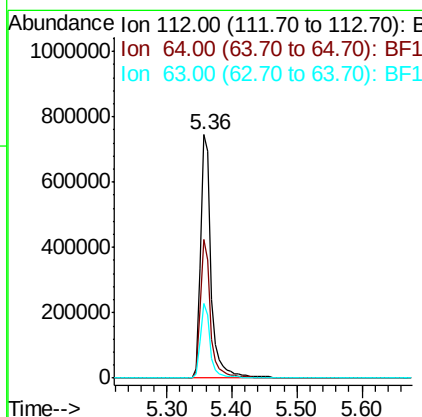
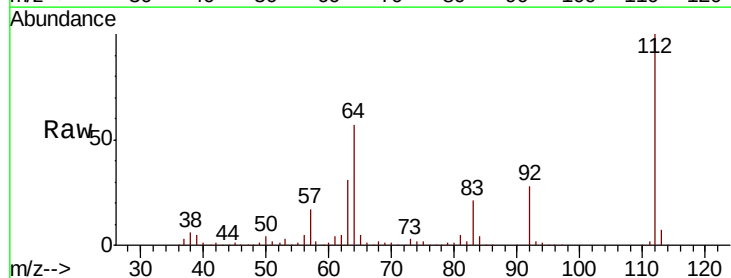
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

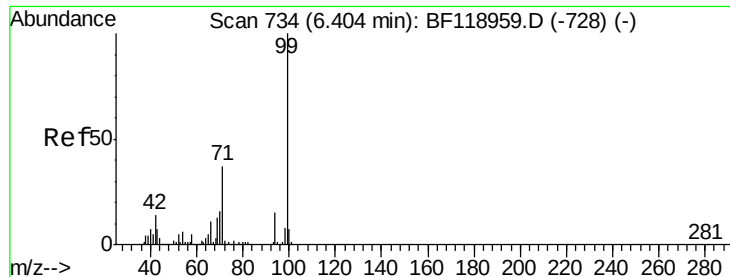
Tot Ion:152 Resp: 158852
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.6
 115 61.2 49.5 74.3



#5
 2-Fluorophenol
 Concen: 88.793 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

Tgt Ion:112 Resp: 844010
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.0 67.4
 63 30.9 24.2 36.4





#7

Phenol-d6

Concen: 89.625 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

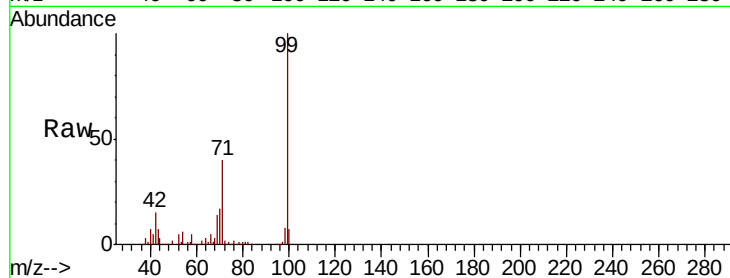
BNA_F

ClientSampleId :

VNJ-236

Tot Ion: 99 Resp: 1036087

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	39.7	31.0	46.4

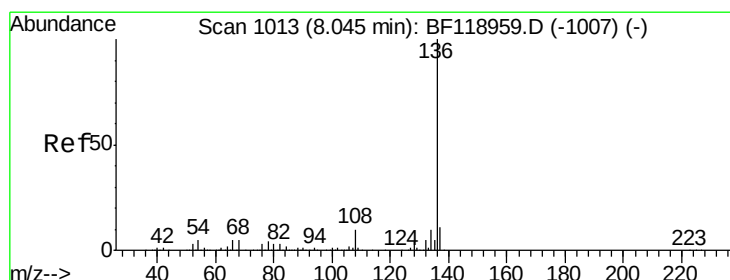
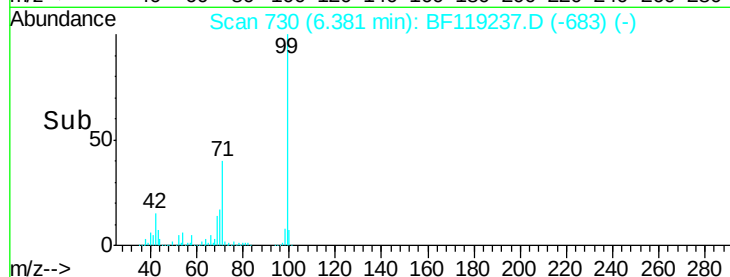
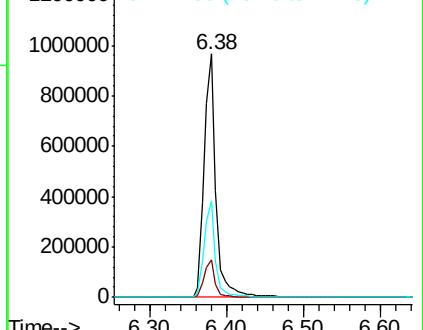


Abundance

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: 8.00 min Scan# 1006

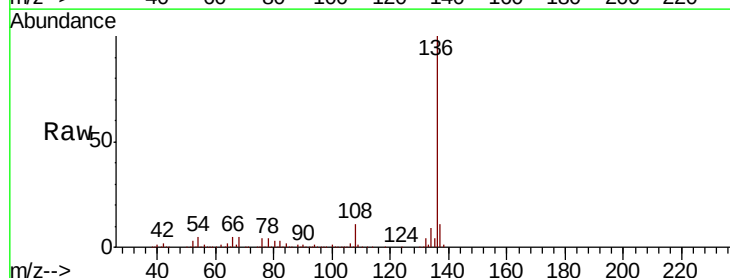
Delta R.T. -0.03 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Tgt Ion: 136 Resp: 611014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.0	3.8	5.6
68	5.0	3.9	5.9



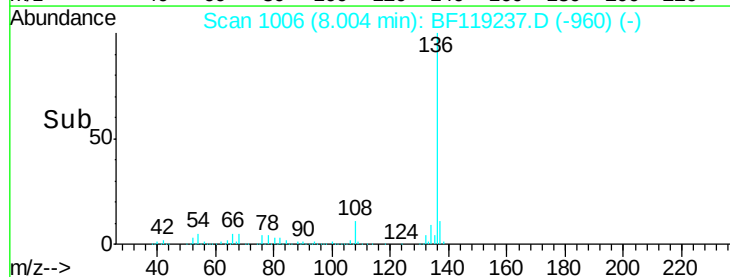
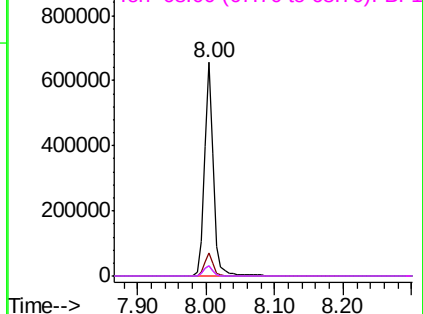
Abundance

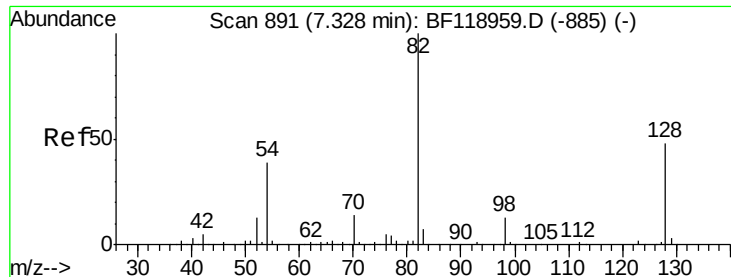
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

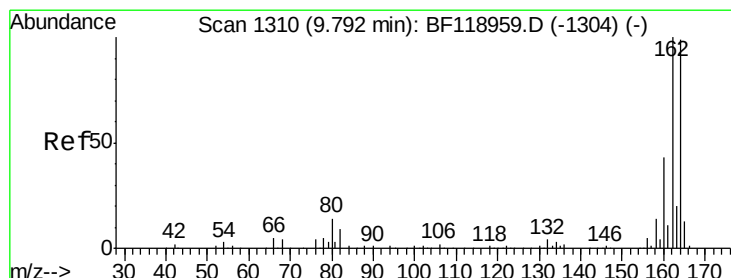
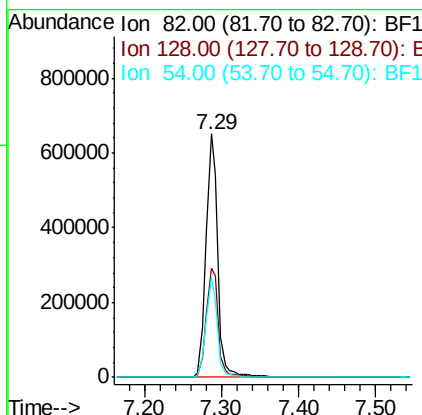
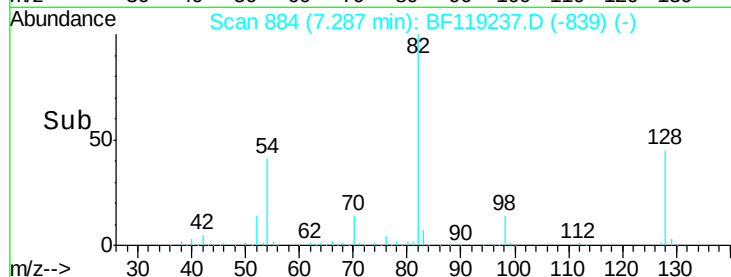
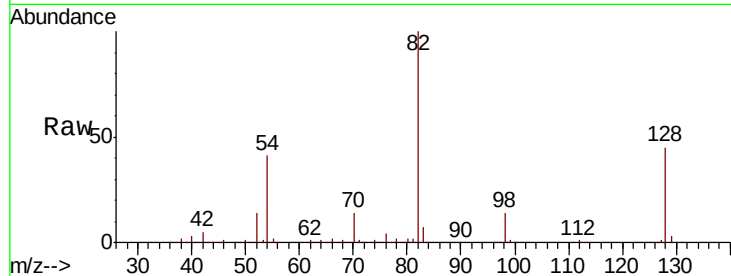




#23
Nitrobenzene-d5
Concen: 60.003 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

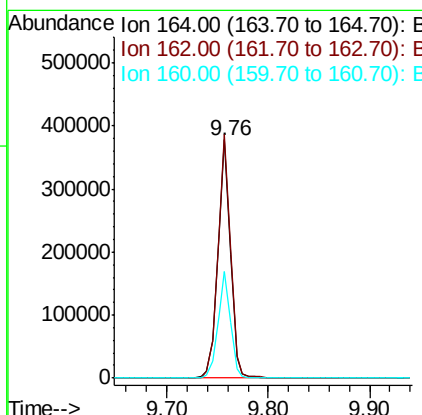
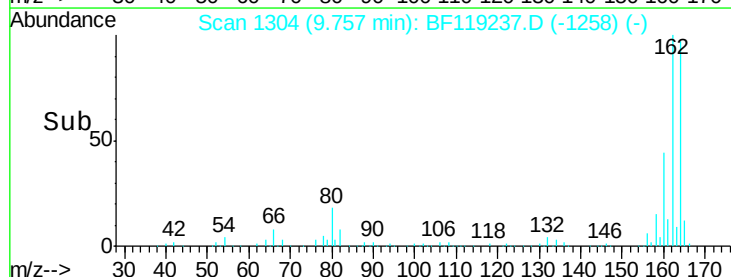
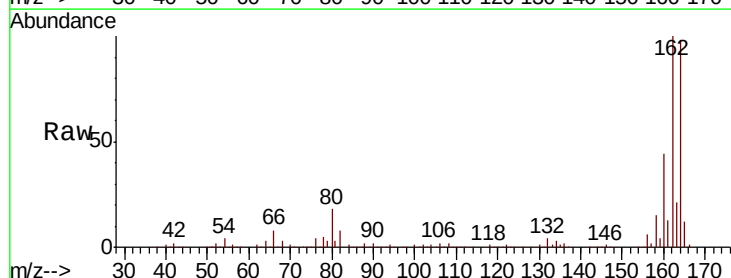
Instrument :
BNA_F
ClientSampled :
VNJ-236

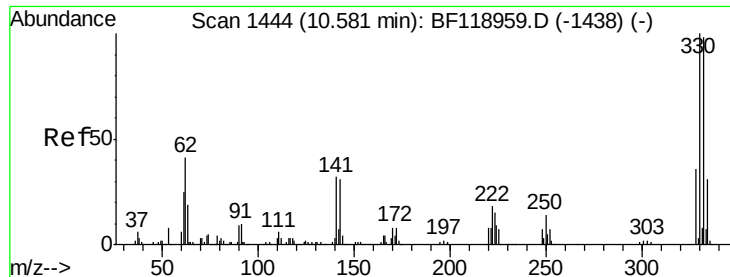
Tot Ion: 82 Resp: 694371
Ion Ratio Lower Upper
82 100
128 45.1 37.9 56.9
54 40.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Tgt Ion: 164 Resp: 327291
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.8
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 79.599 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

VNJ-236

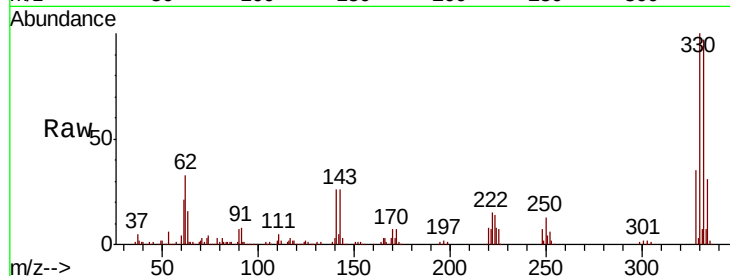
Tot Ion:330 Resp: 340803

Ion Ratio Lower Upper

330 100

332 98.1 76.0 114.0

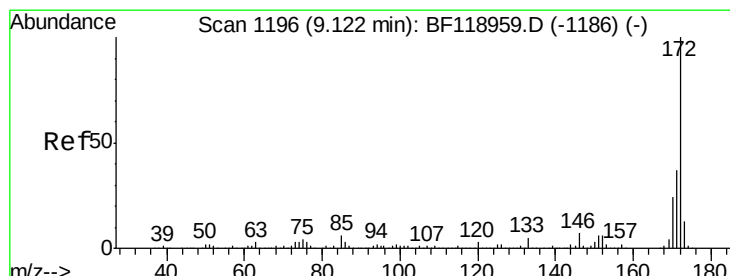
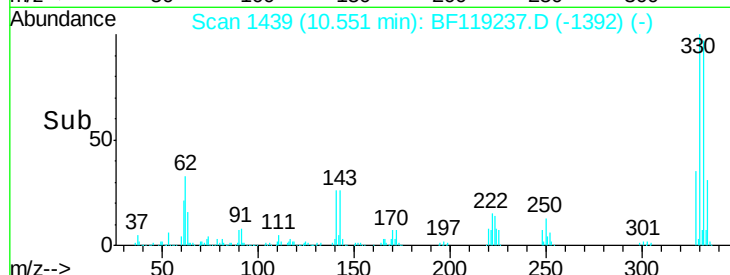
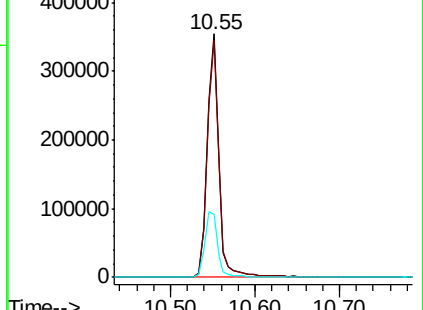
141 30.4 22.9 34.3



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: 57.360 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

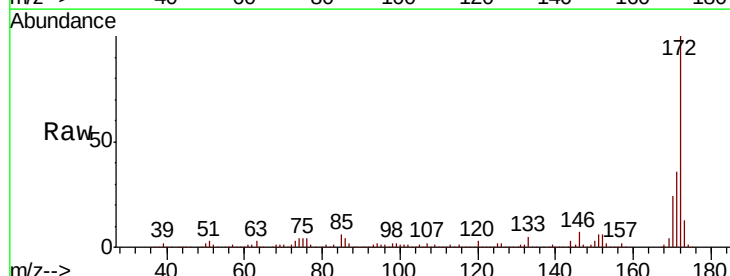
Tgt Ion:172 Resp: 1274356

Ion Ratio Lower Upper

172 100

171 36.1 30.6 45.8

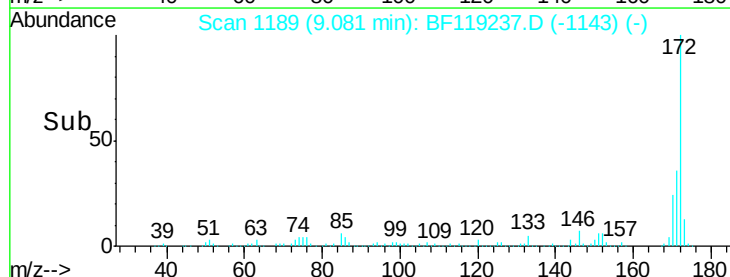
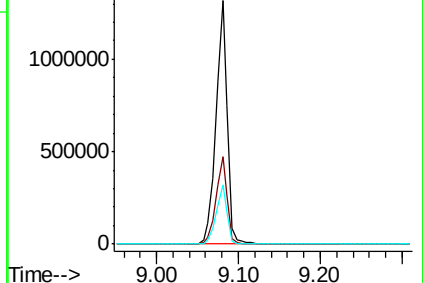
170 24.3 20.2 30.2

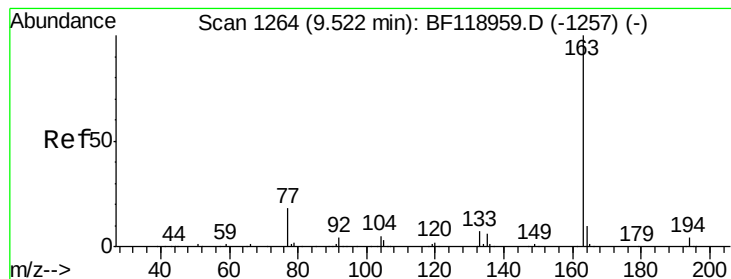


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.967 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

VNJ-236

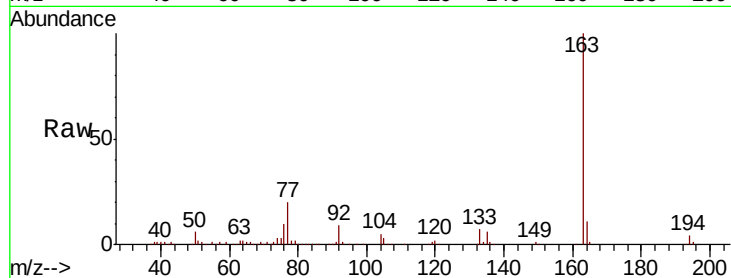
Tot Ion:163 Resp: 249455

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

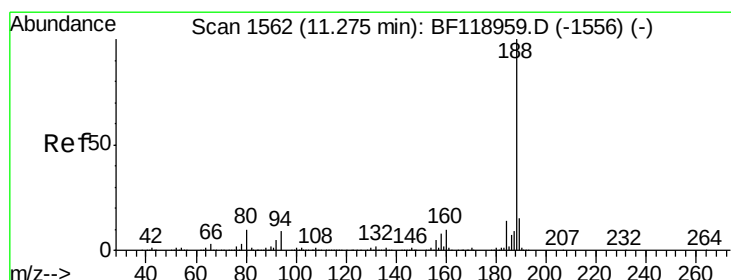
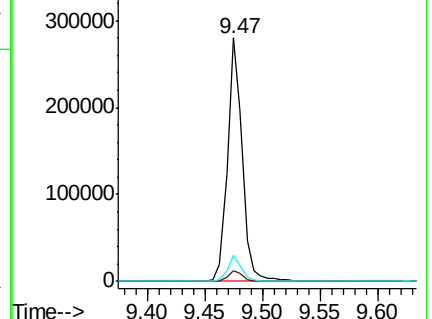
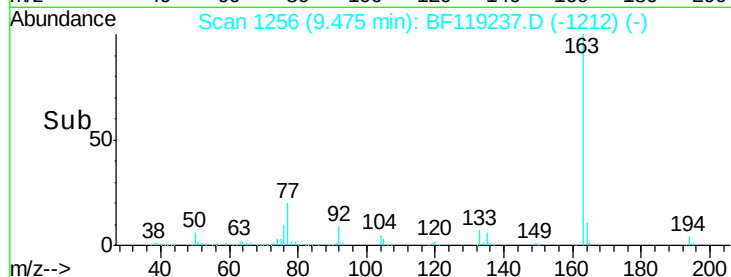
164 10.6 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

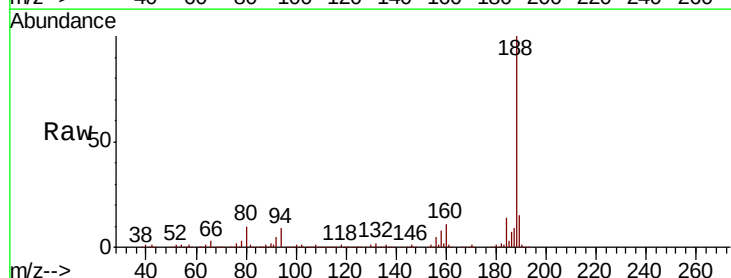
Tgt Ion:188 Resp: 559851

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

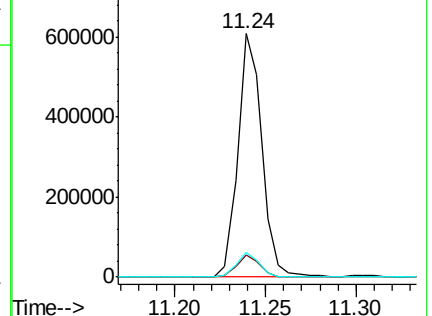
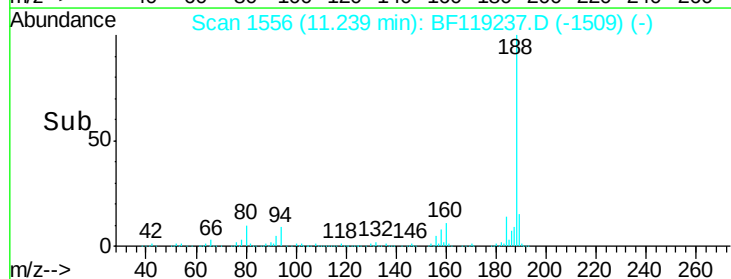
80 10.1 7.8 11.8

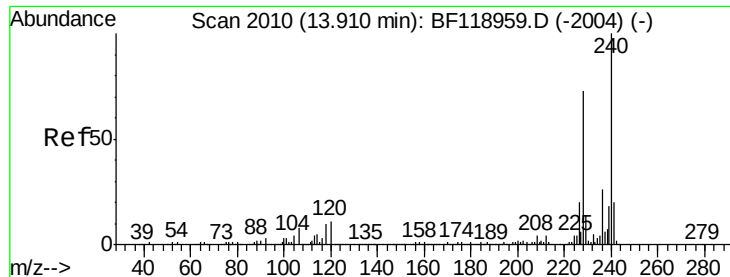


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

VNJ-236

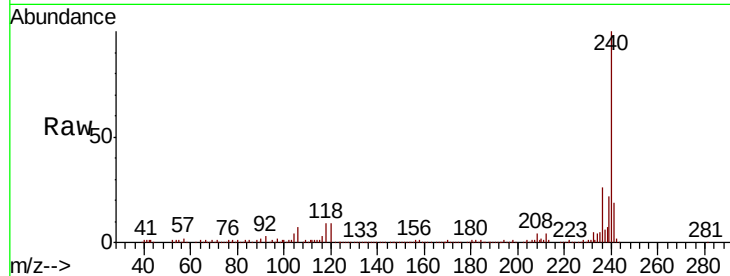
Tot Ion:240 Resp: 306551

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

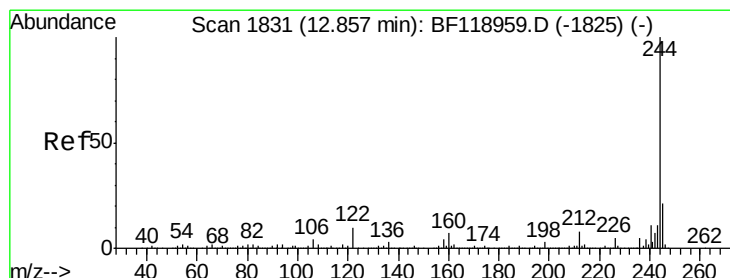
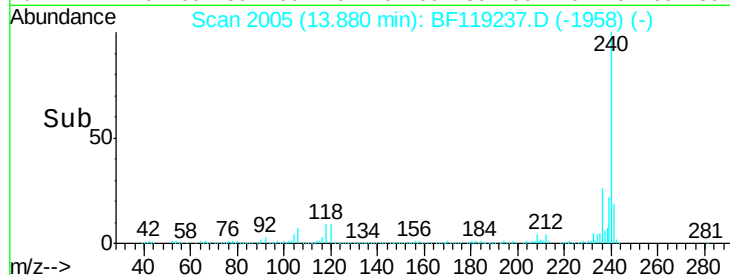
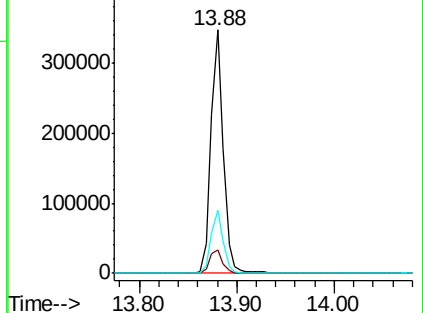
236 25.8 21.0 31.4



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: 71.737 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

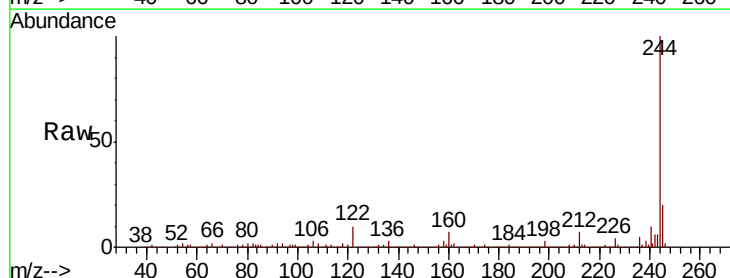
Tgt Ion:244 Resp: 1277306

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

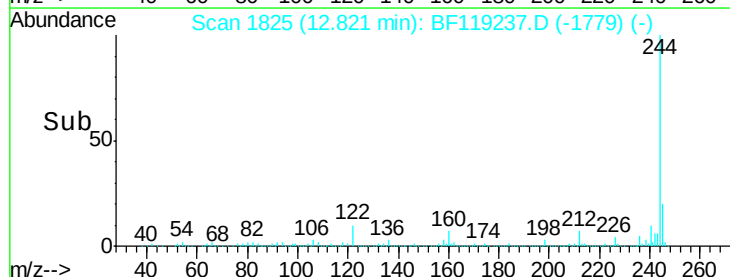
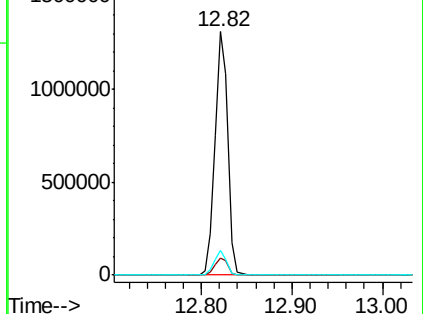
122 10.1 8.2 12.2

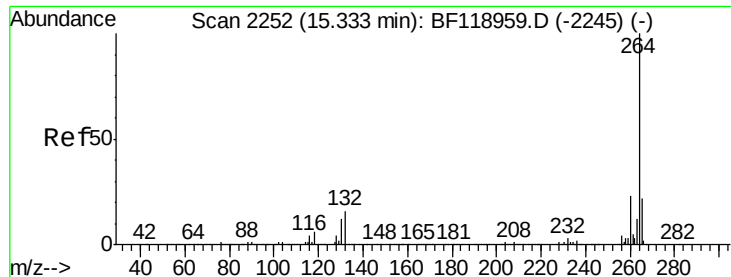


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

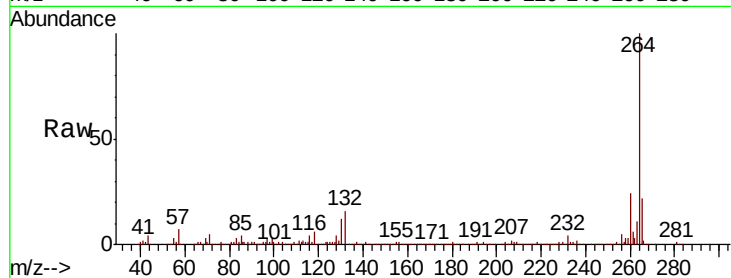




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tot Ion:264 Resp: 322584
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.8 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

