

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120137.D
 Acq On : 22 Apr 2020 17:59
 Operator : MA/SJ
 Sample : L2353-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Quant Time: Apr 22 18:41:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

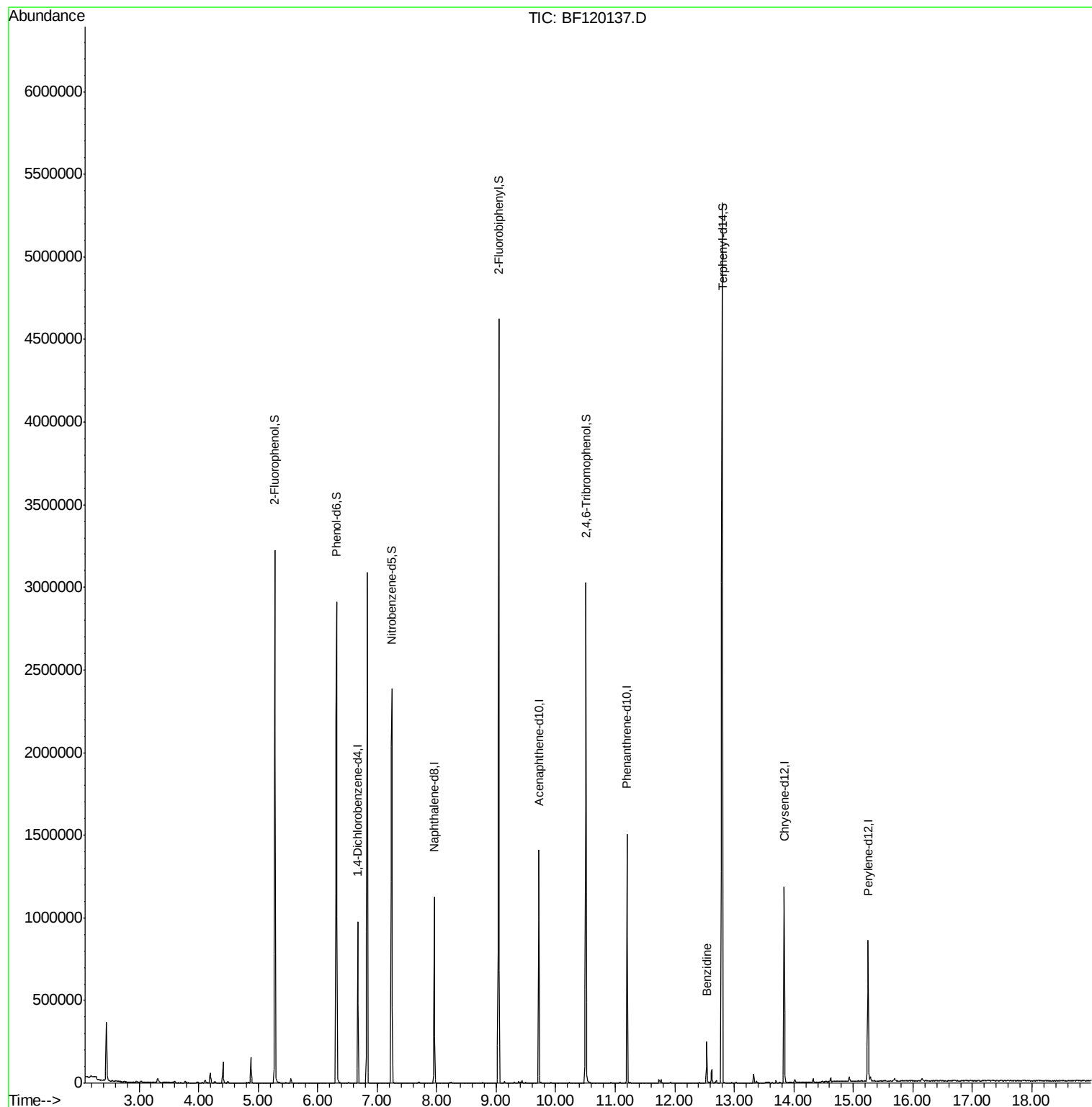
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	132250	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	508943	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	258106	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	513790	20.00	ng	0.00
76) Chrysene-d12	13.84	240	411964	20.00	ng	-0.01
87) Perylene-d12	15.24	264	354122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	829475	108.39	ng	0.00
7) Phenol-d6	6.32	99	952547	96.60	ng	-0.01
23) Nitrobenzene-d5	7.25	82	776796	78.96	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	391326	123.83	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1566241	86.16	ng	0.00
79) Terphenyl-d14	12.80	244	2072298	84.64	ng	0.00
Target Compounds						
77) Benzidine	12.53	184	88550	6.36	ng	Qvalue 97

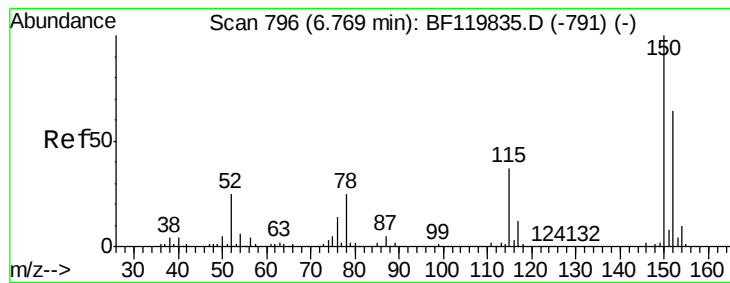
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

Instrument :

BNA_F

ClientSampleId :

VNJ-240

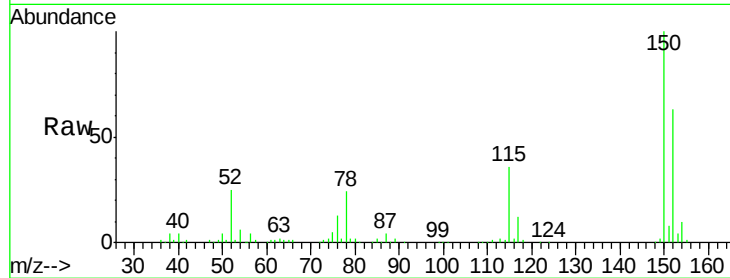
Tgt Ion:152 Resp: 132250

Ion Ratio Lower Upper

152 100

150 158.9 124.5 186.7

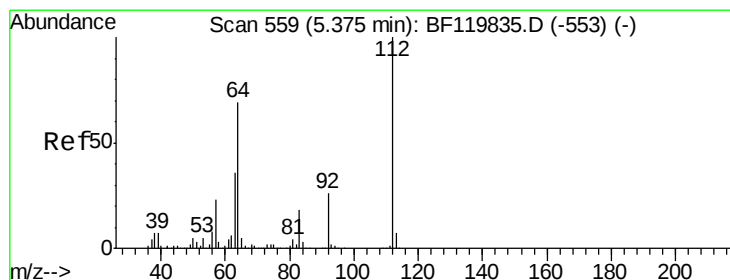
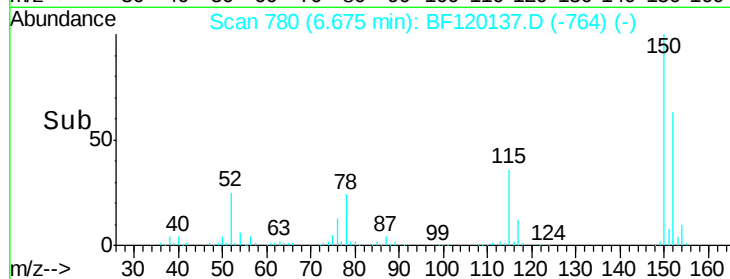
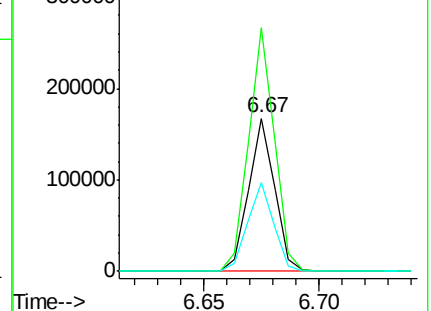
115 57.6 49.6 74.4



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: 108.39 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

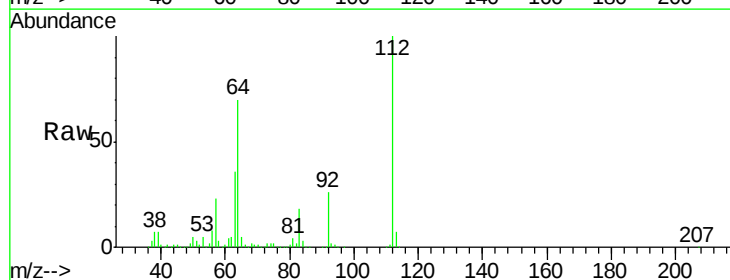
Tgt Ion:112 Resp: 829475

Ion Ratio Lower Upper

112 100

64 69.6 56.7 85.1

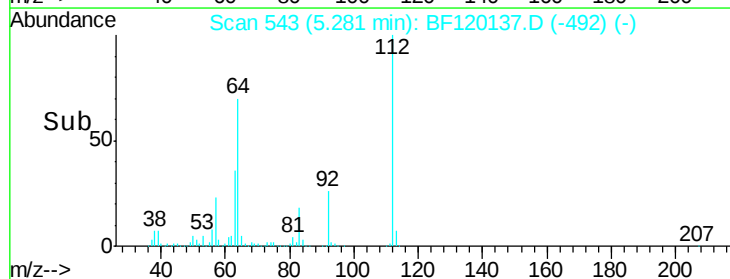
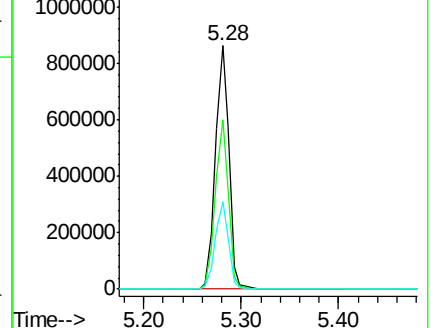
63 36.2 29.5 44.3



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: 96.60 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

Instrument :

BNA_F

ClientSampled :

VNJ-240

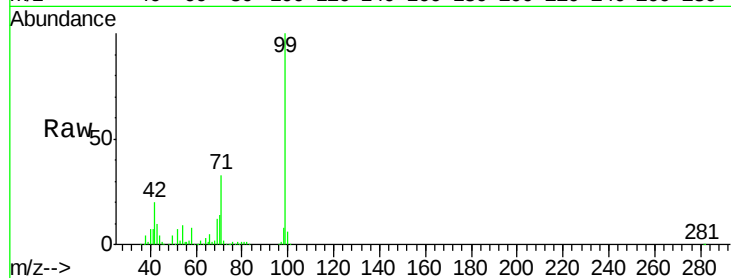
Tgt Ion: 99 Resp: 952547

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

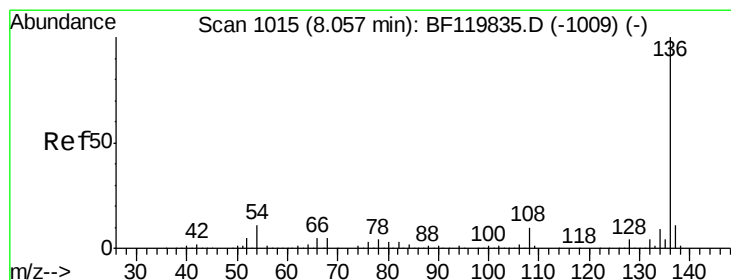
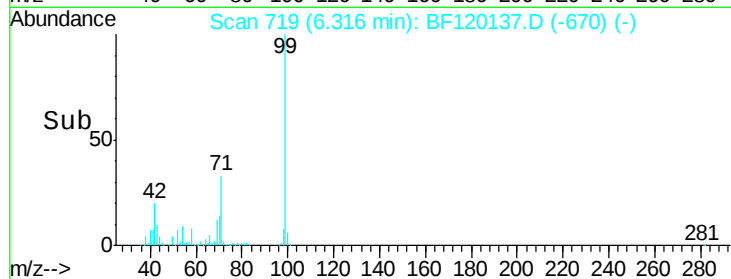
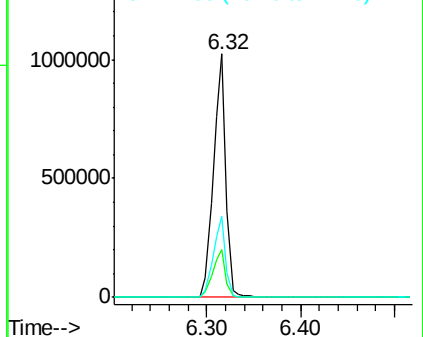
71 33.1 26.4 39.6



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: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

Tgt Ion: 136 Resp: 508943

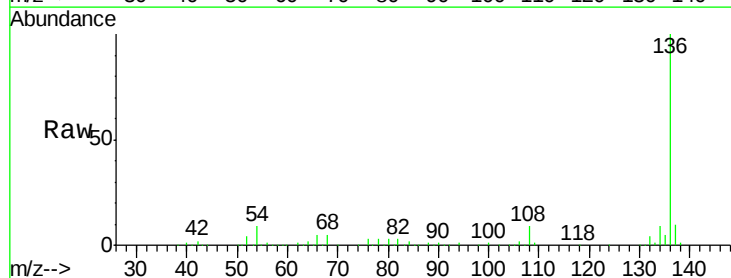
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 9.3 9.1 13.7

68 4.8 4.6 6.8

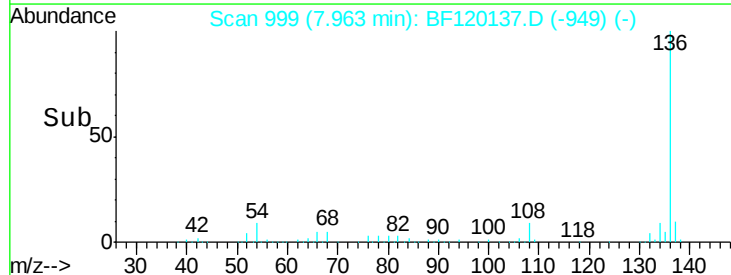
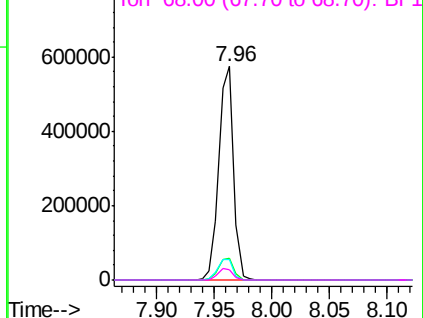


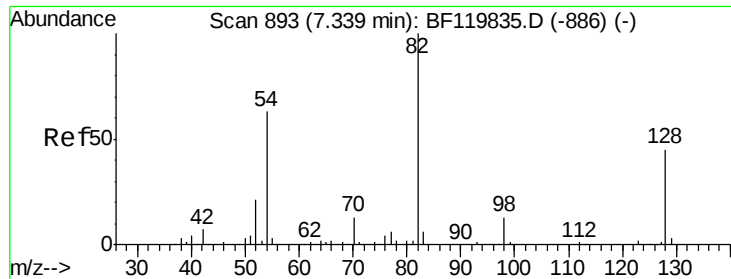
Abundance Ion 136.00 (135.70 to 136.70): E

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

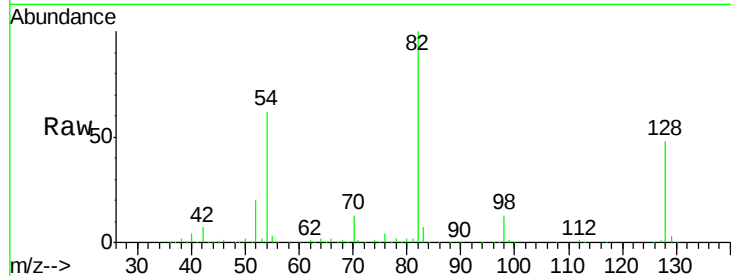




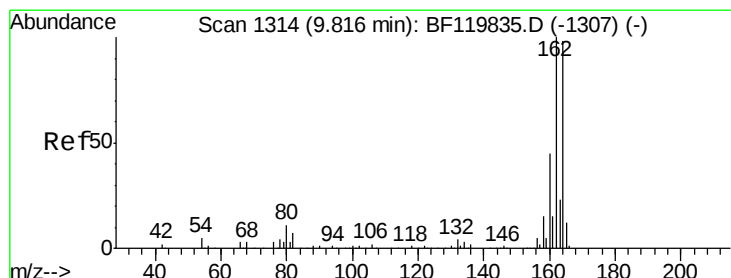
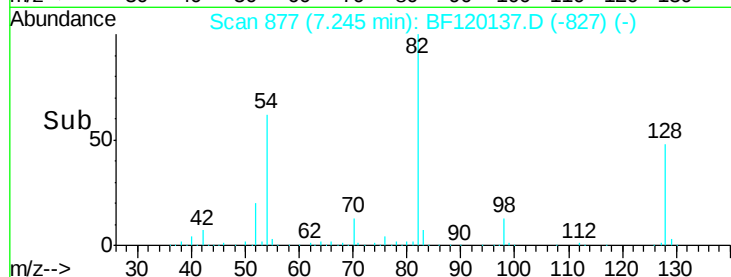
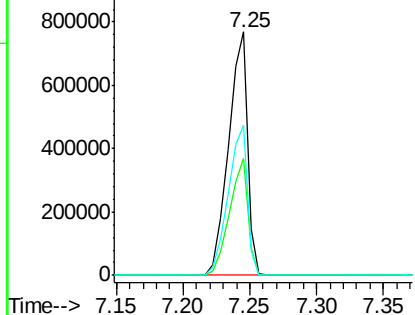
#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120137.D
 Acq: 22 Apr 2020 17:59

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-240

Tgt Ion: 82 Resp: 776796
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 61.7 50.6 75.8

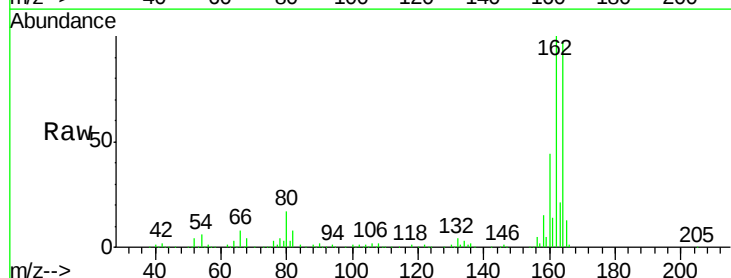


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

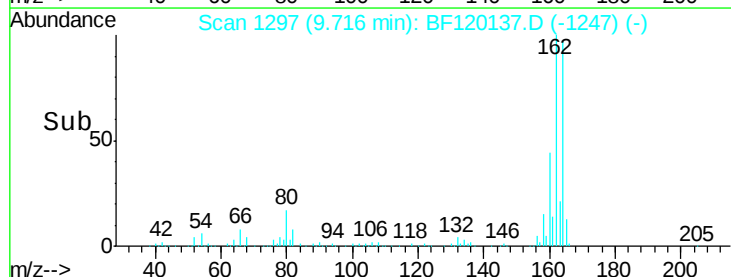
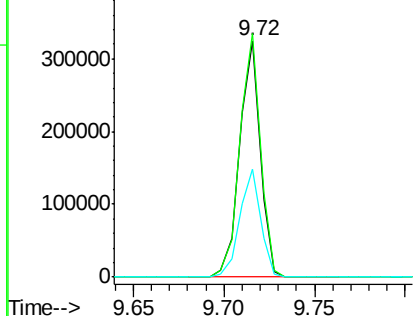


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120137.D
 Acq: 22 Apr 2020 17:59

Tgt Ion: 164 Resp: 258106
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.6 121.0
 160 45.8 35.7 53.5



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

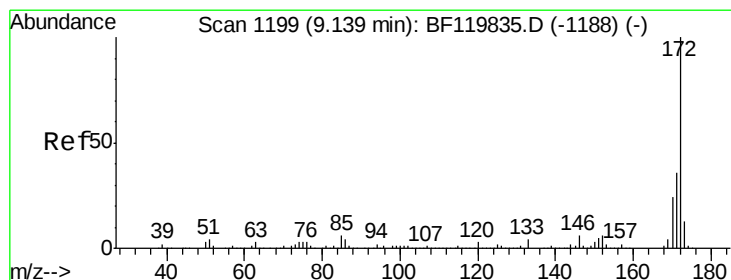
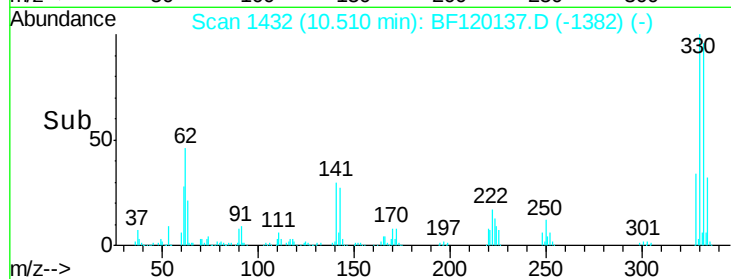
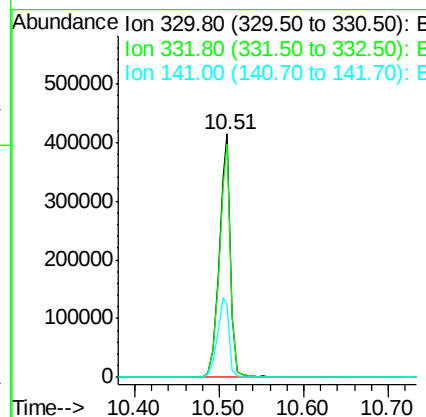
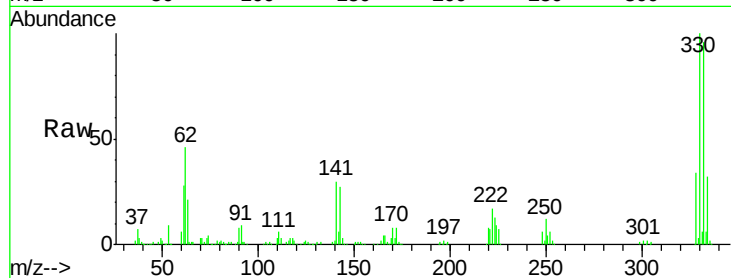




#42
 2,4,6-Tribromophenol
 Concen: 123.83 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120137.D
 Acq: 22 Apr 2020 17:59

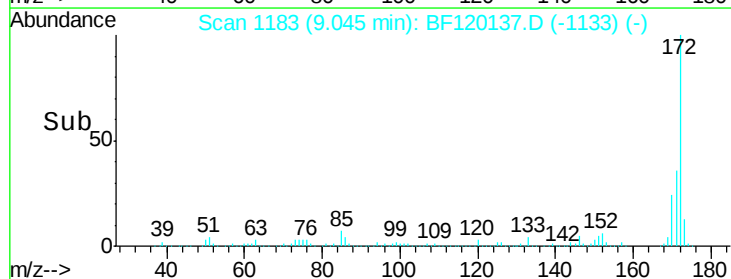
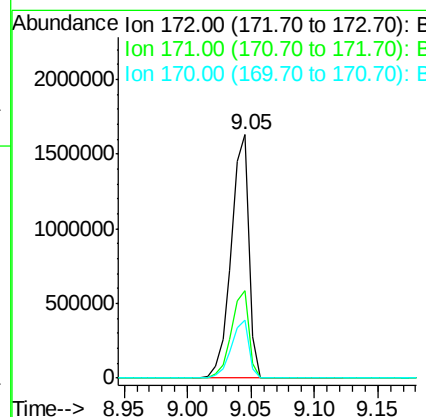
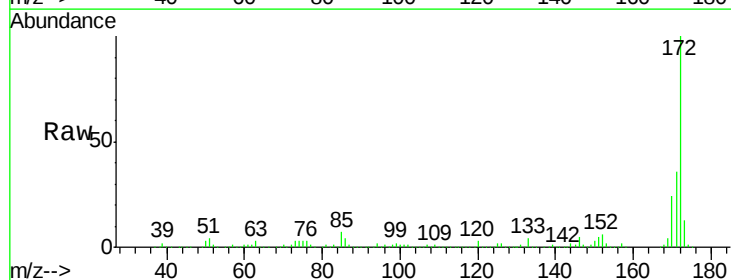
Instrument :
 BNA_F
 ClientSampled :
 VNJ-240

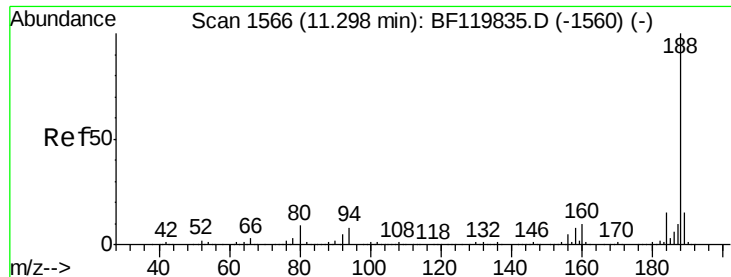
Tgt Ion:330 Resp: 391326
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 35.0 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 86.16 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120137.D
 Acq: 22 Apr 2020 17:59

Tgt Ion:172 Resp: 1566241
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 20.2 30.2

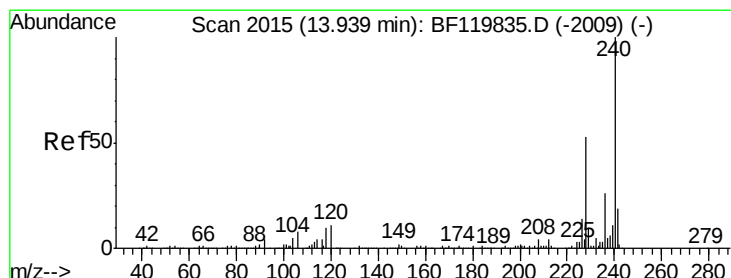
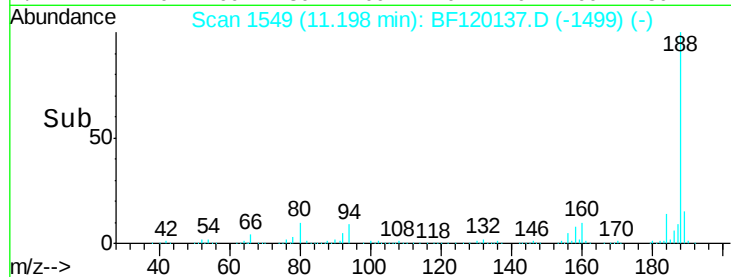
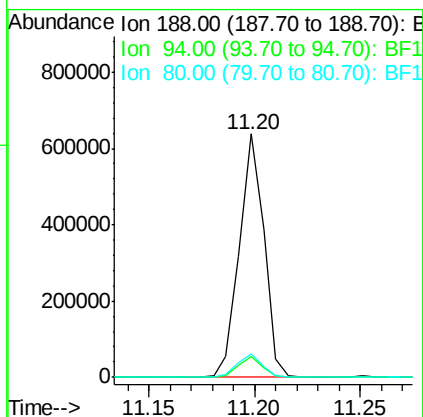
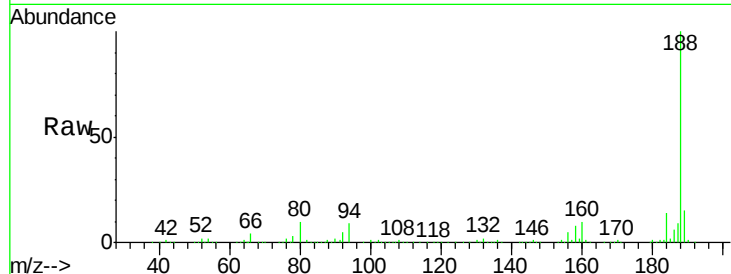




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120137.D
Acq: 22 Apr 2020 17:59

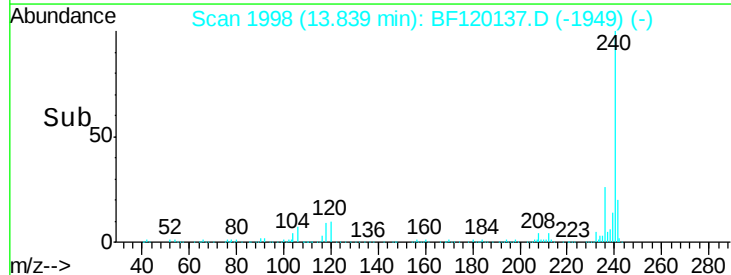
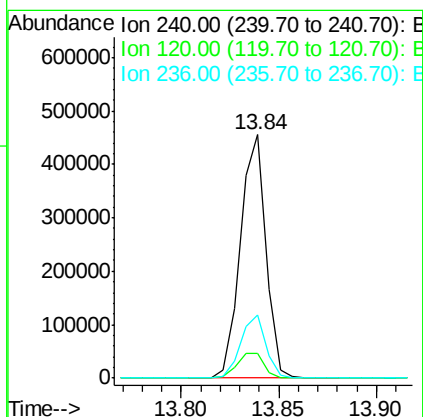
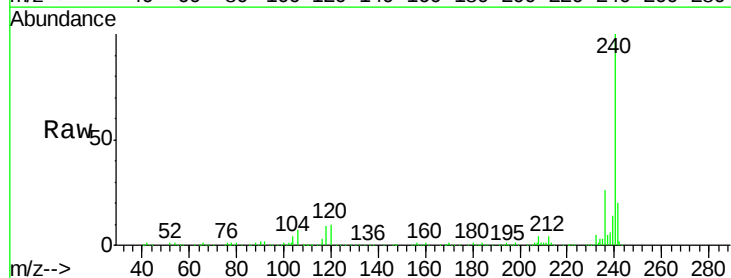
Instrument :
BNA_F
ClientSampleId :
VNJ-240

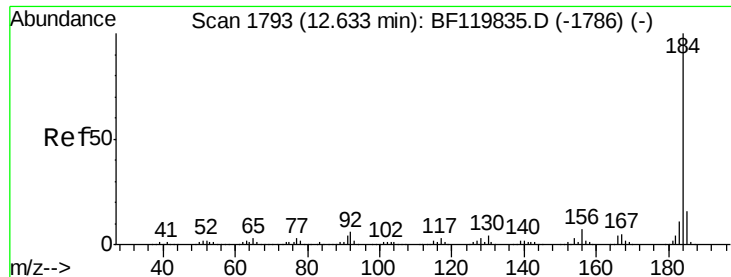
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	9.6	9.0	13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120137.D
Acq: 22 Apr 2020 17:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.6	15.8#
236	25.7	20.2	30.2





#77

Benzidine

Concen: 6.36 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

Instrument :

BNA_F

ClientSampleId :

VNJ-240

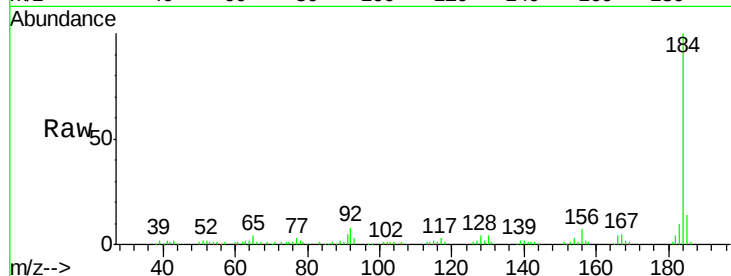
Tgt Ion:184 Resp: 88550

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

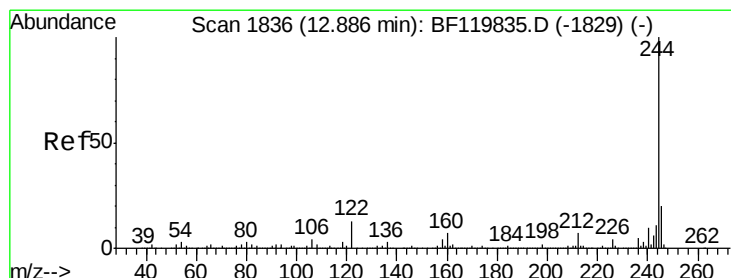
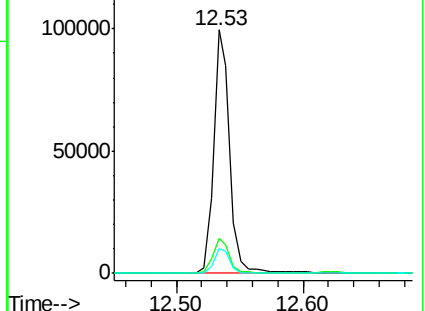
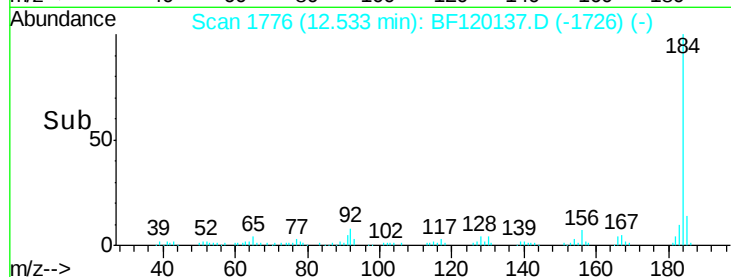
183 10.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 84.64 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120137.D

Acq: 22 Apr 2020 17:59

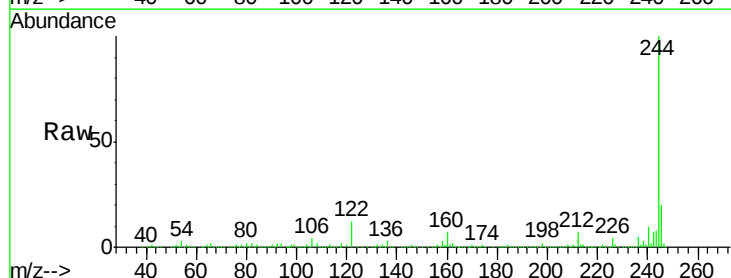
Tgt Ion:244 Resp: 2072298

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

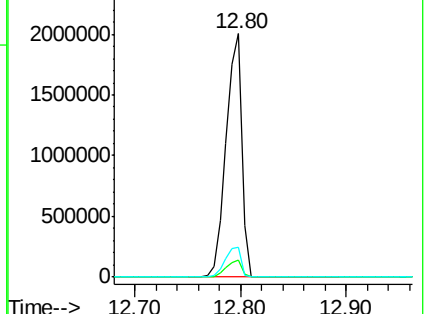
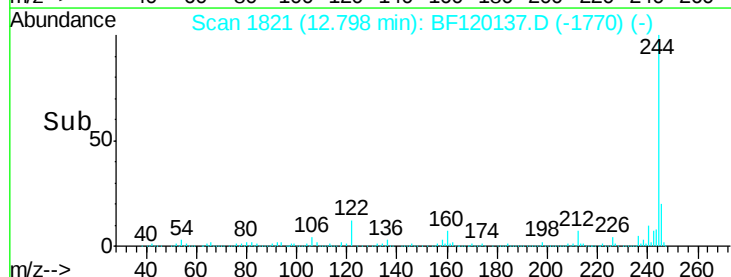
122 12.3 10.3 15.5

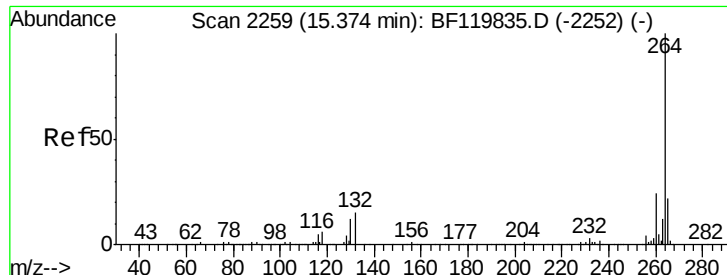


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120137.D

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BNA_F

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VNJ-240

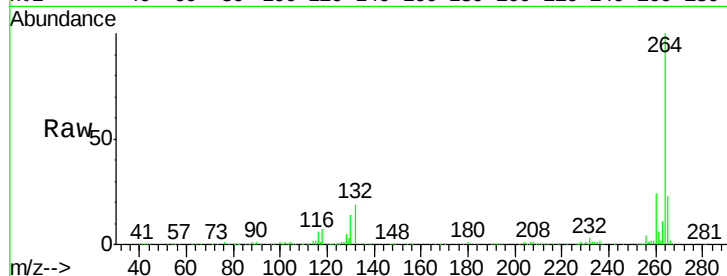
Tgt Ion: 264 Resp: 354122

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.5 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

