

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
 Data File : BF112193.D
 Acq On : 22 Jan 2019 15:08
 Operator : JU/SJ
 Sample : K1196-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Quant Time: Jan 22 15:40:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

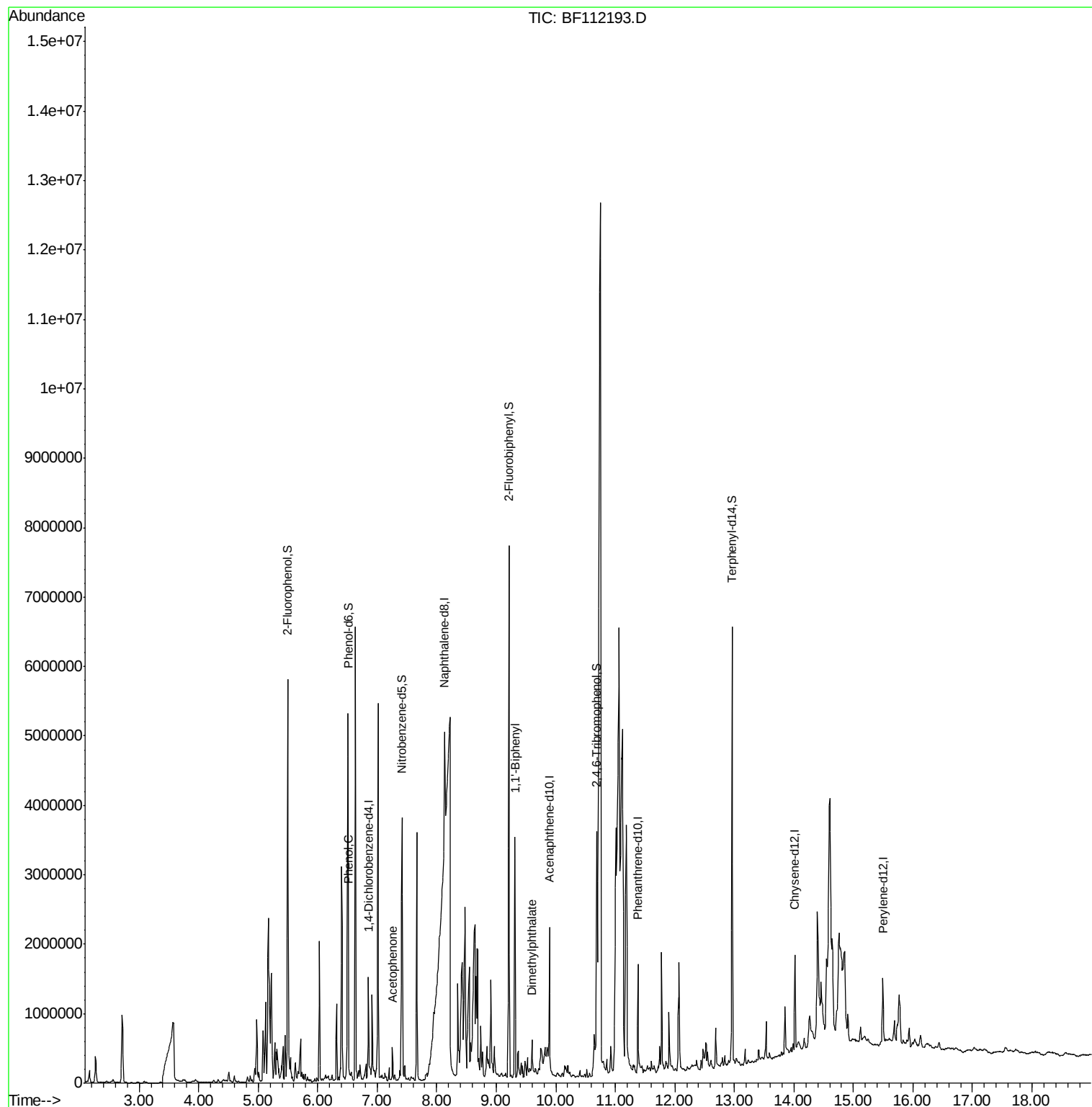
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	242454	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	800361	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	365337	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	568846	20.00	ng	0.00
76) Chrysene-d12	14.02	240	490846	20.00	ng	-0.01
87) Perylene-d12	15.49	264	367017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1748320	130.88	ng	0.00
7) Phenol-d6	6.51	99	2193812	131.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	1368453	118.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	530578	134.62	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2470299	99.13	ng	0.00
79) Terphenyl-d14	12.96	244	2061470	89.35	ng	0.00
Target Compounds						
10) Phenol	6.52	94	152079	8.326	ng	# 72
22) Acetophenone	7.26	105	129696	6.995	ng	# 92
46) 1,1'-Biphenyl	9.32	154	1124164	36.799	ng	98
50) Dimethylphthalate	9.60	163	148509	5.574	ng	99

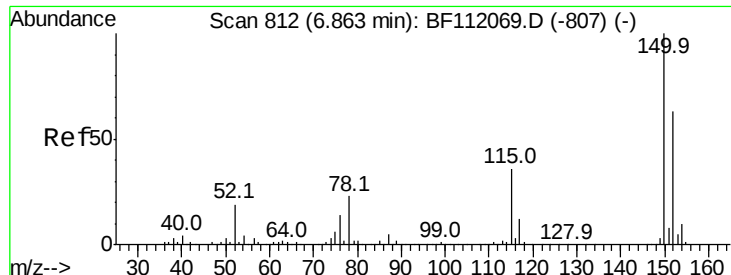
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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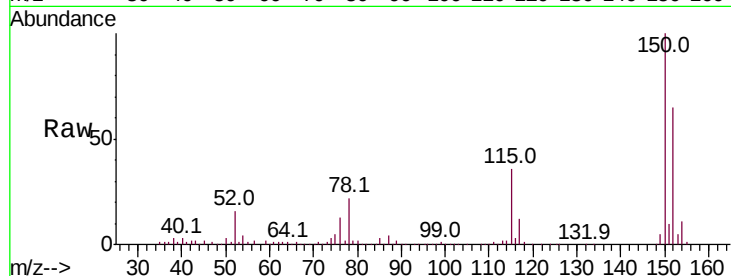


#1

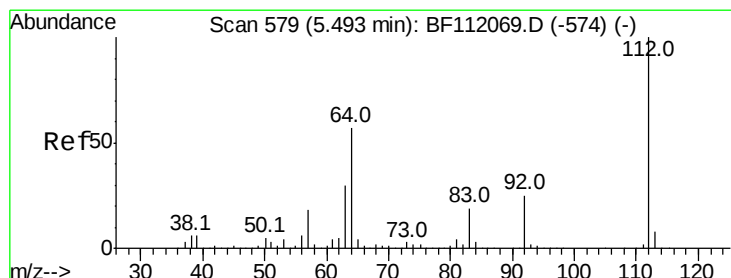
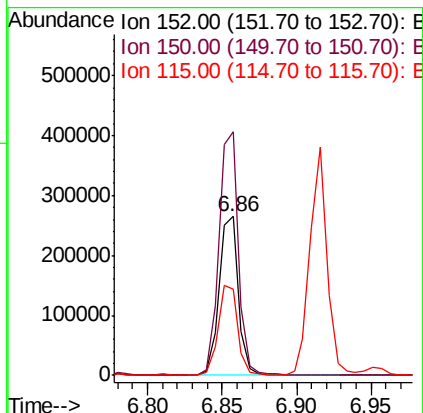
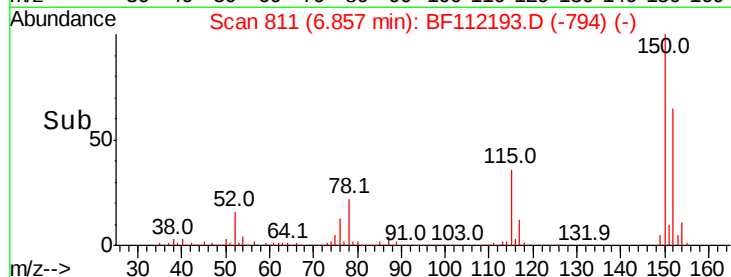
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF112193.D
 Acq: 22 Jan 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Tot Ion:152 Resp: 242454
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.4 191.0
 115 54.5 45.5 68.3



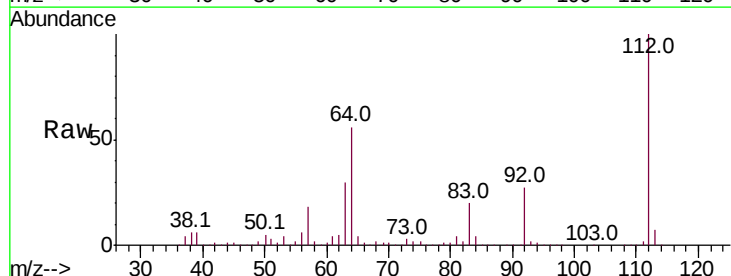
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



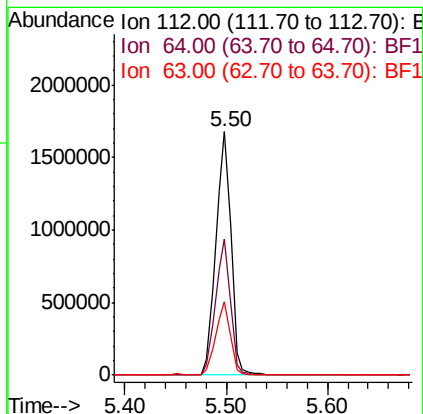
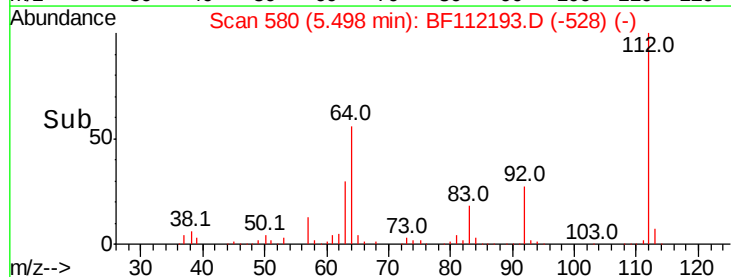
#5

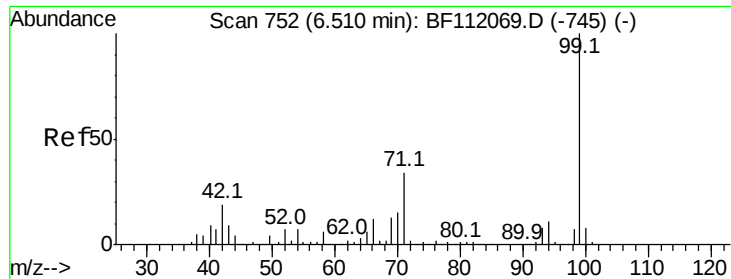
2-Fluorophenol
 Concen: 130.881 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF112193.D
 Acq: 22 Jan 2019 15:08

Tgt Ion:112 Resp: 1748320
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.7 68.5
 63 30.2 23.6 35.4



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: 131.264 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

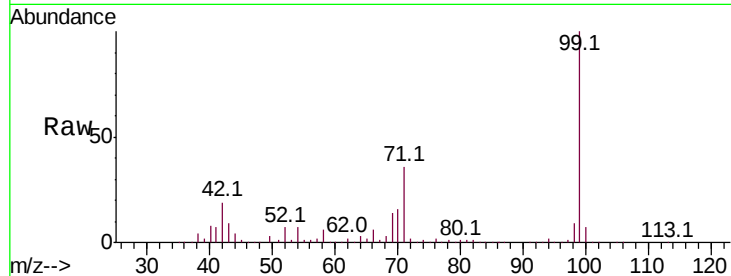
Tot Ion: 99 Resp: 2193812

Ion Ratio Lower Upper

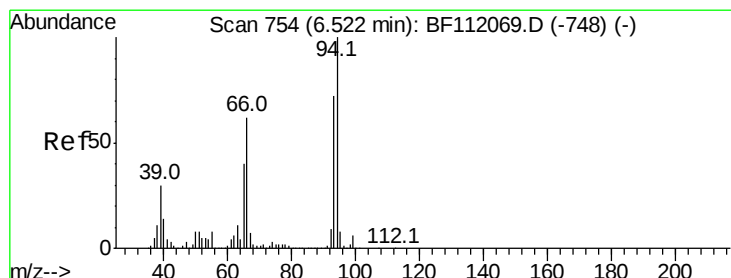
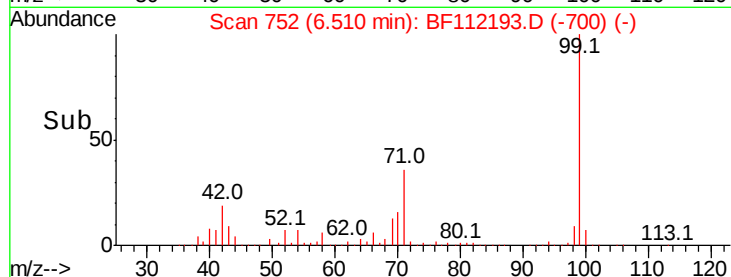
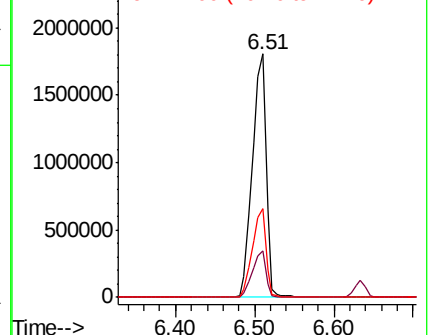
99 100

42 19.0 15.1 22.7

71 36.3 26.9 40.3



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



#10

Phenol

Concen: 8.326 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

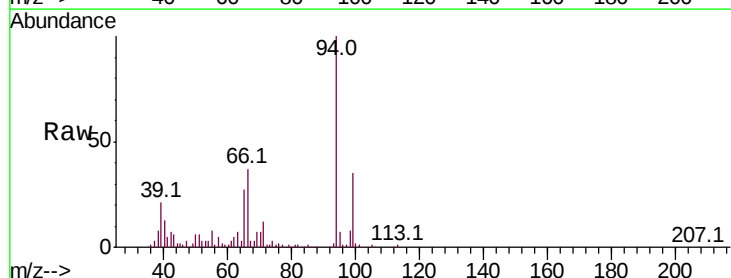
Tgt Ion: 94 Resp: 152079

Ion Ratio Lower Upper

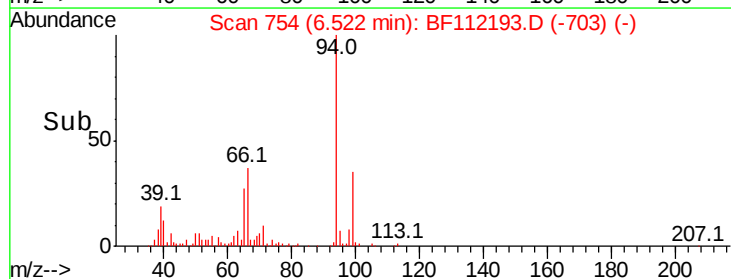
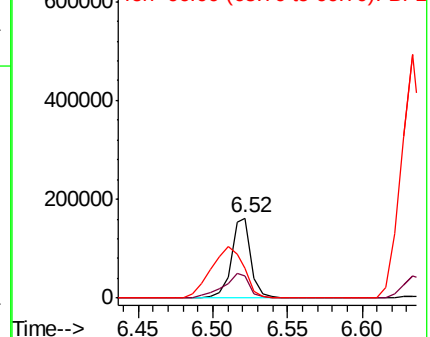
94 100

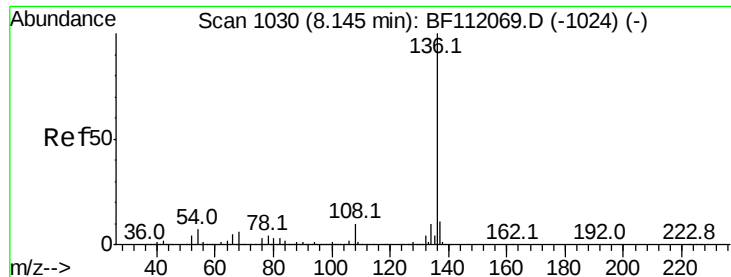
65 27.1 20.3 60.3

66 36.9 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

Tot Ion:136 Resp: 800361

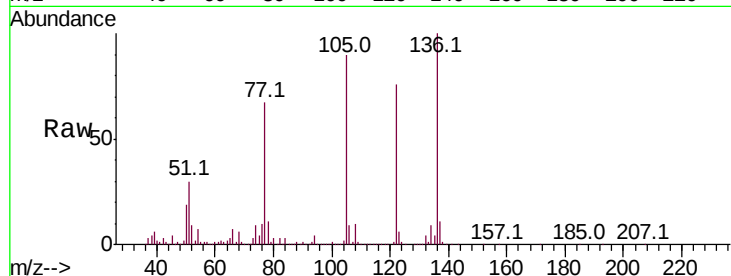
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 5.9 8.9

68 5.6 5.1 7.7

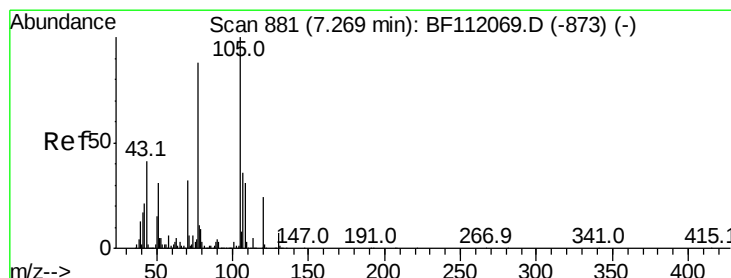
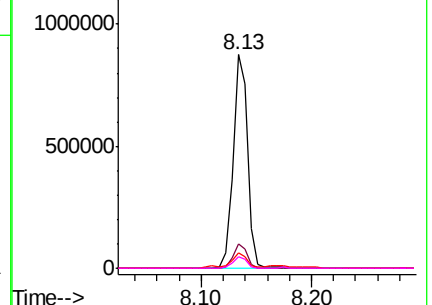
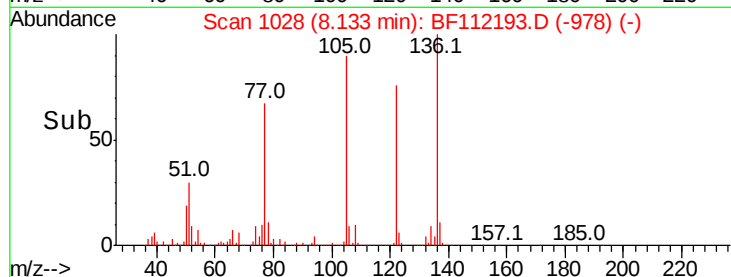


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 6.995 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Tgt Ion:105 Resp: 129696

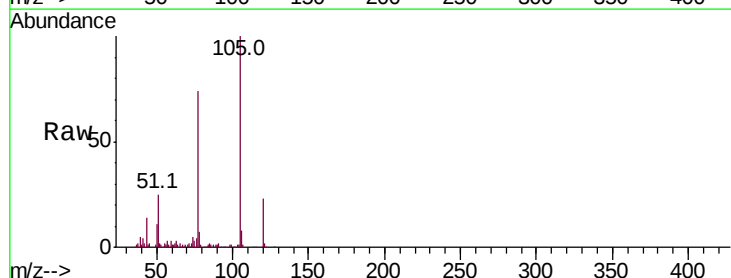
Ion Ratio Lower Upper

105 100

71 2.1 4.6 6.8#

51 25.0 25.0 37.6#

120 22.7 19.0 28.4

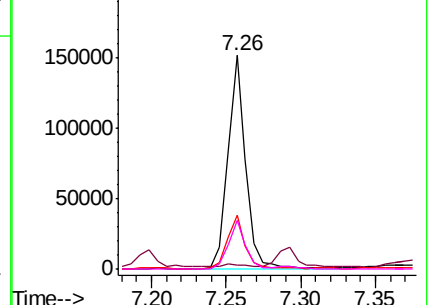
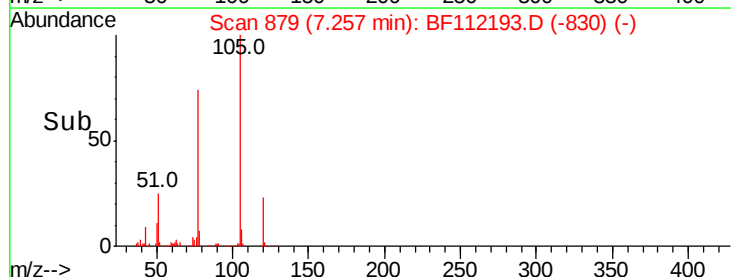


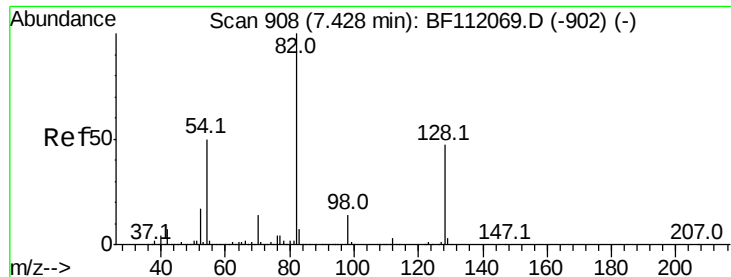
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

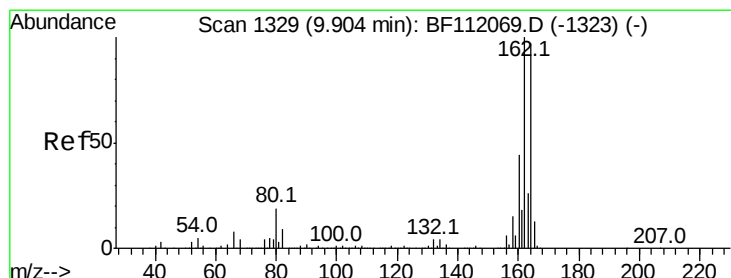
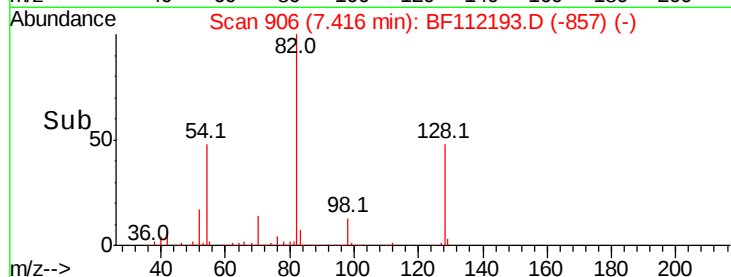
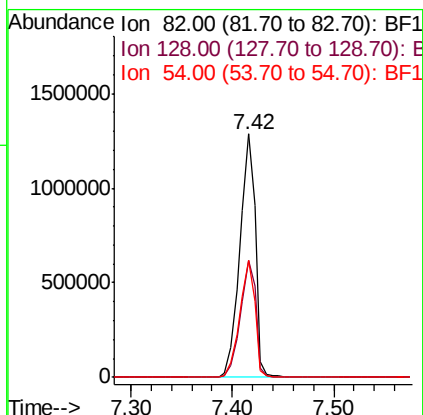
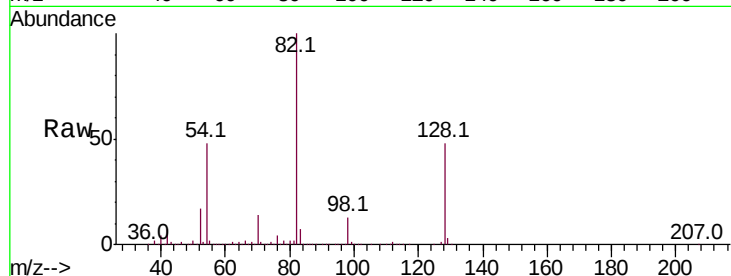




#23
Nitrobenzene-d5
Concen: 118.128 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

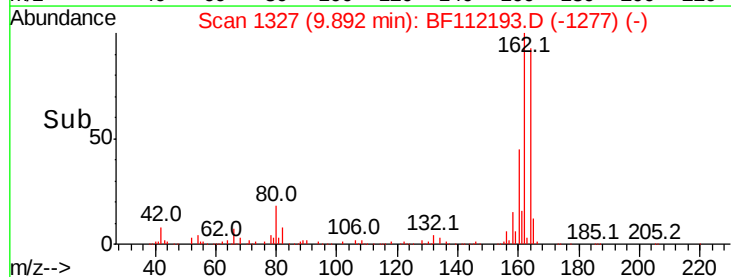
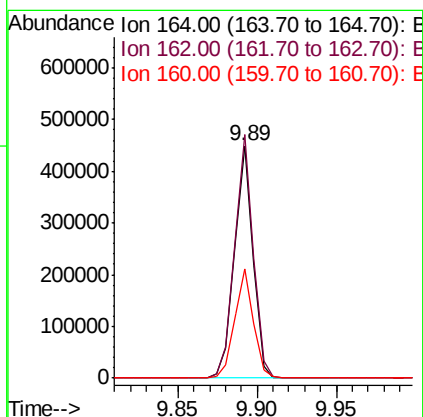
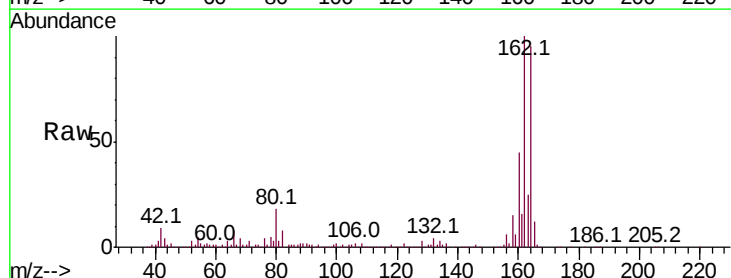
Instrument :
BNA_F
ClientSampleId :
VNJ-219

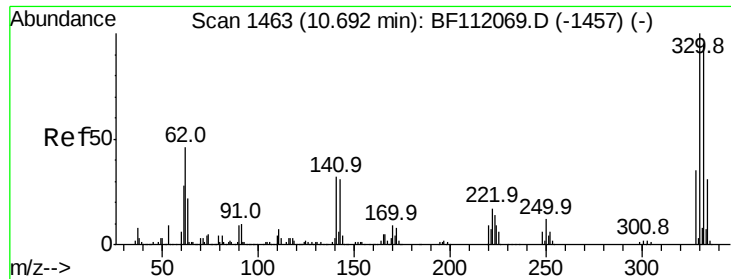
Tot Ion: 82 Resp: 1368453
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 47.8 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion:164 Resp: 365337
Ion Ratio Lower Upper
164 100
162 104.8 82.2 123.4
160 46.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 134.624 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

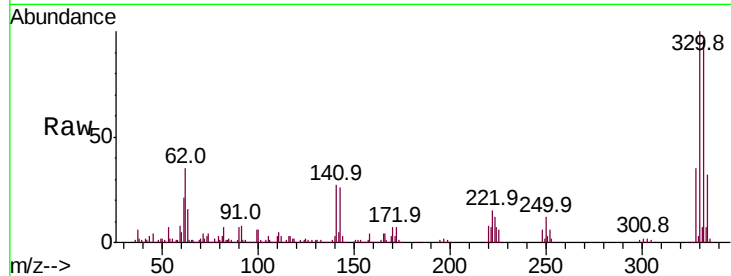
Tot Ion:330 Resp: 530578

Ion Ratio Lower Upper

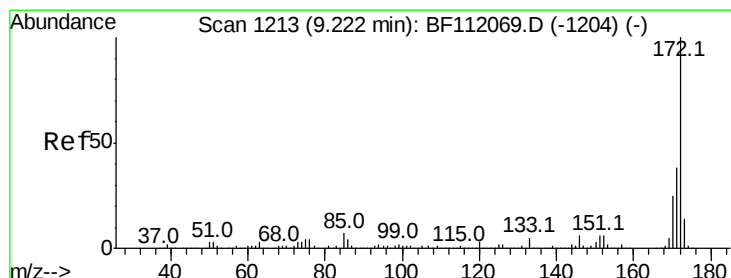
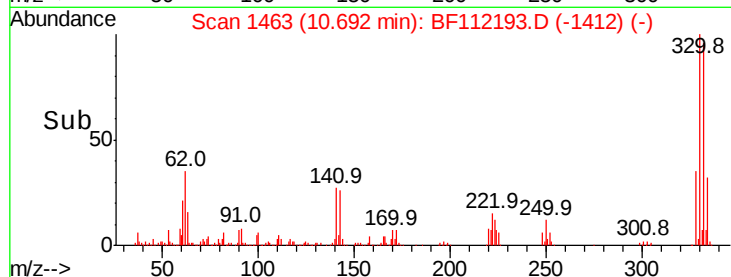
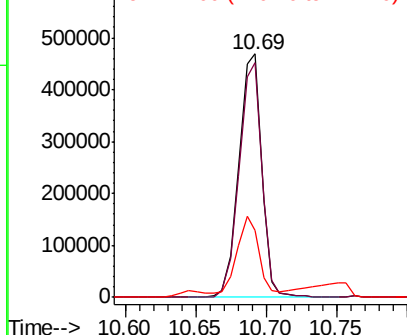
330 100

332 95.9 76.6 114.8

141 33.0 24.3 36.5



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: 99.134 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

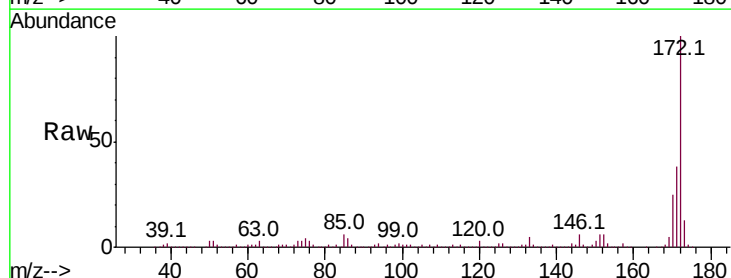
Tgt Ion:172 Resp: 2470299

Ion Ratio Lower Upper

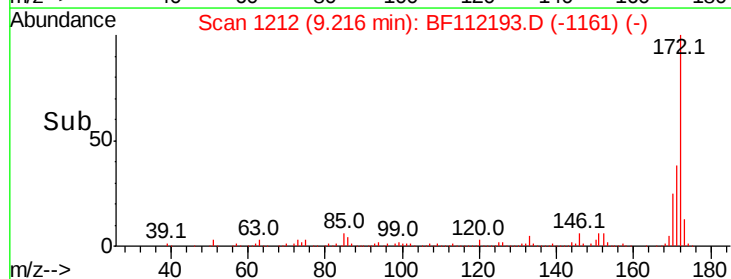
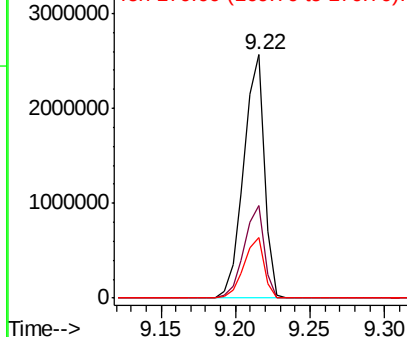
172 100

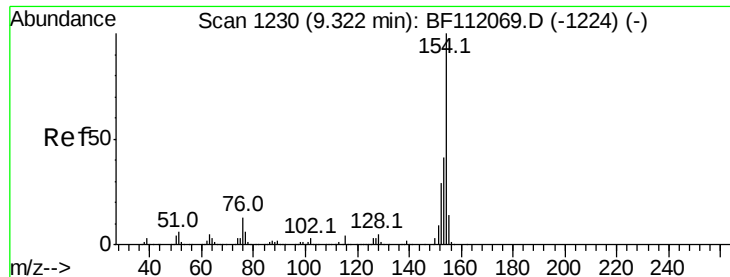
171 37.8 30.5 45.7

170 25.0 20.2 30.4



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





#46

1,1'-Biphenyl

Concen: 36.799 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

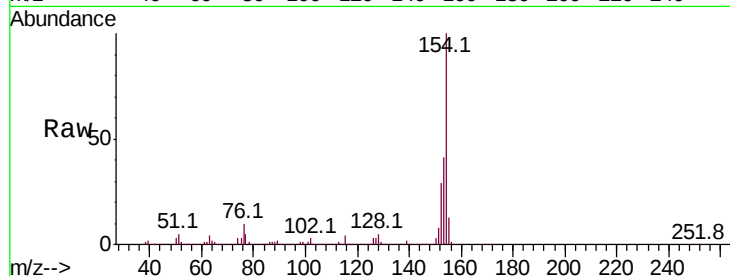
Tot Ion:154 Resp: 1124164

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

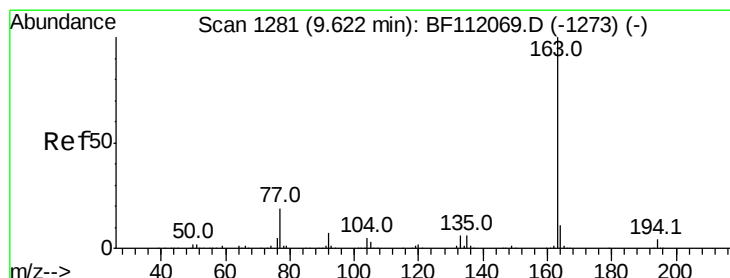
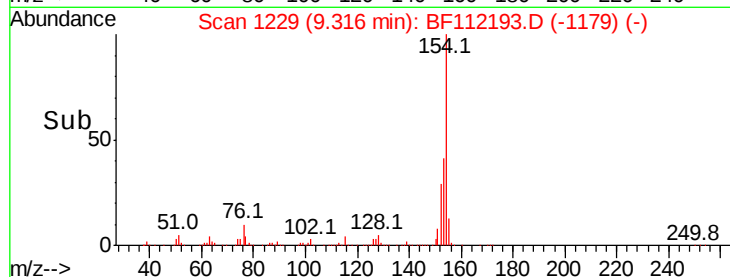
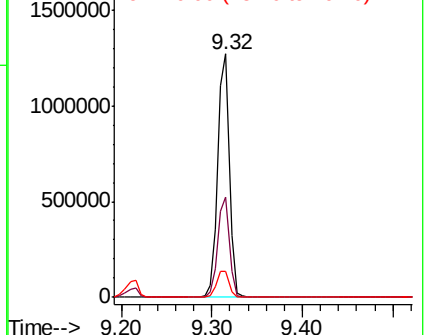
76 10.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50

Dimethylphthalate

Concen: 5.574 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

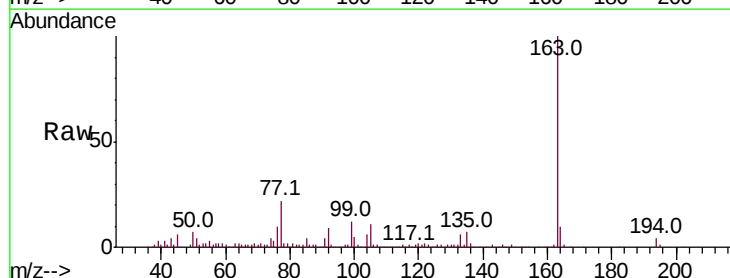
Tgt Ion:163 Resp: 148509

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

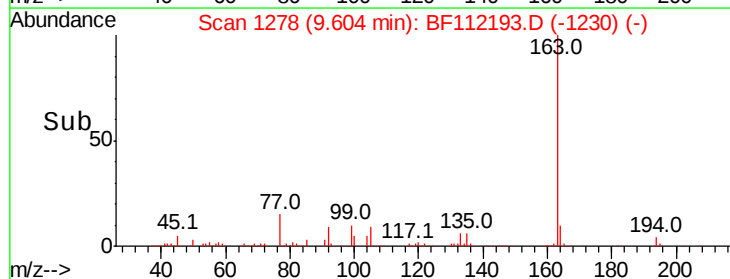
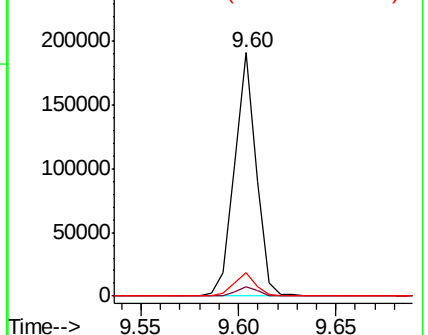
164 9.8 8.5 12.7

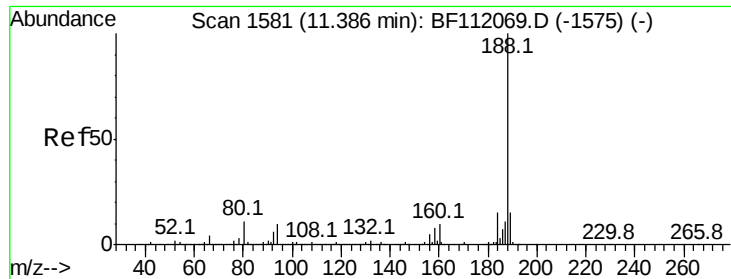


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

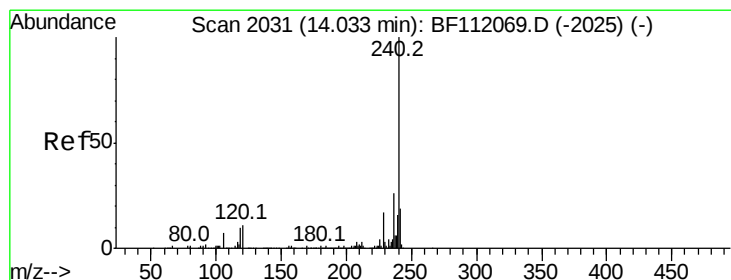
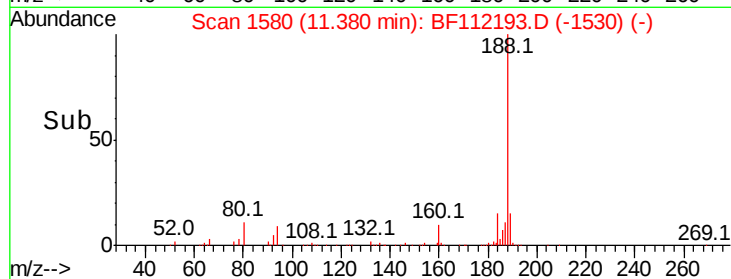
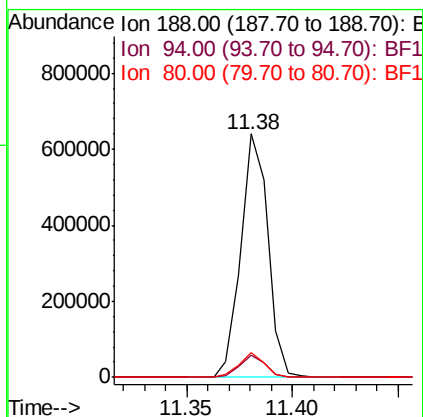
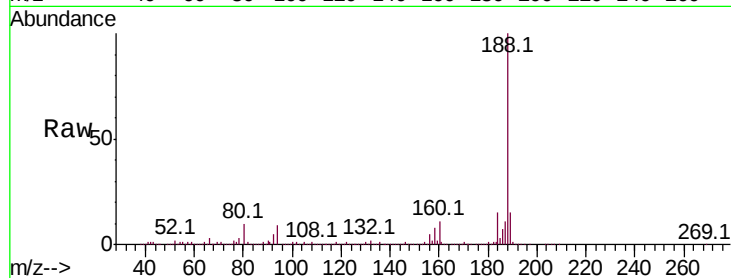




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

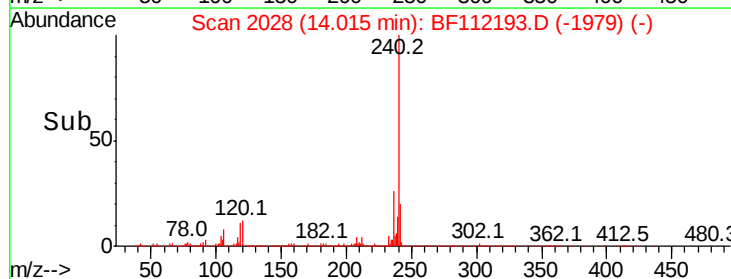
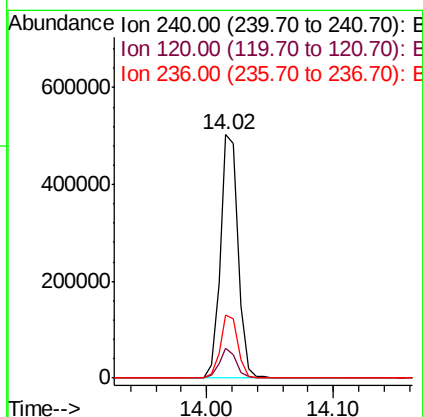
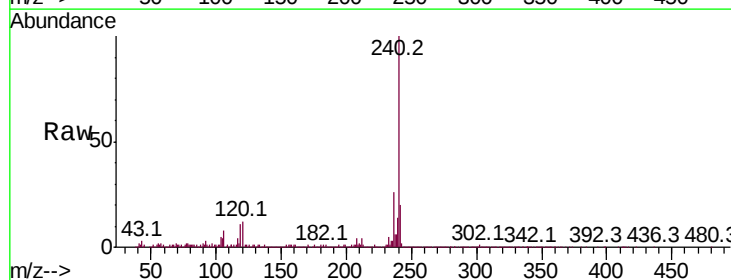
Instrument :
BNA_F
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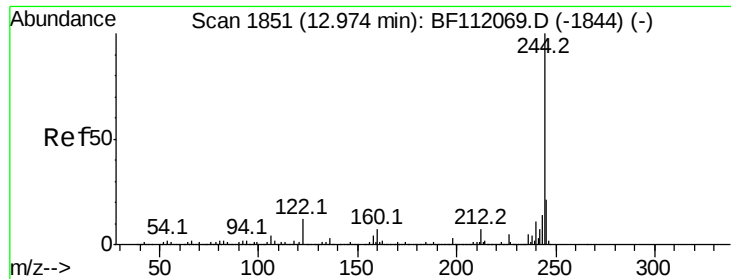
Tot Ion:188 Resp: 568846
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112193.D
Acq: 22 Jan 2019 15:08

Tgt Ion:240 Resp: 490846
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 89.346 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Instrument :

BNA_F

ClientSampleId :

VNJ-219

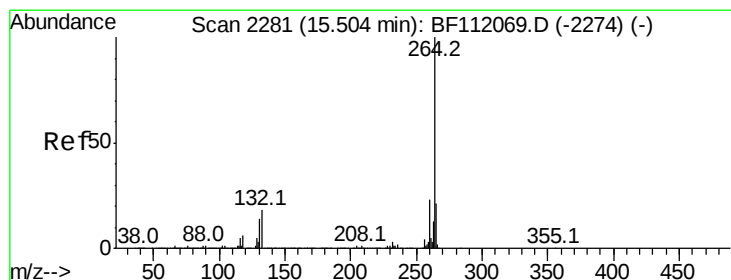
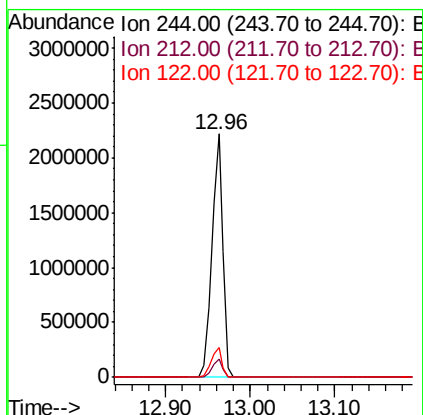
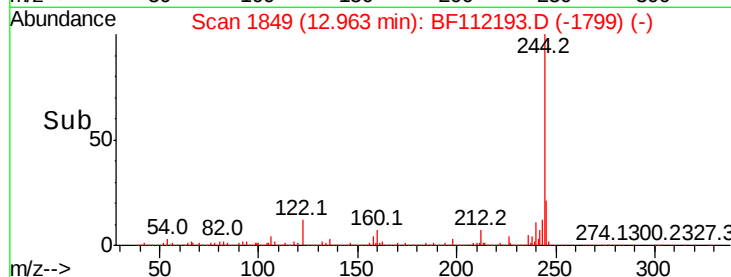
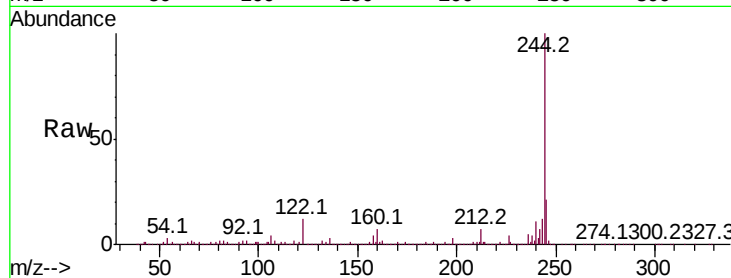
Tot Ion:244 Resp: 2061470

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.1 9.8 14.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112193.D

Acq: 22 Jan 2019 15:08

Tgt Ion:264 Resp: 367017

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 22.4 17.0 25.4

