

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119202.D
 Acq On : 4 Mar 2020 18:53
 Operator : CG/JU
 Sample : L1774-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Mar 05 06:00:54 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

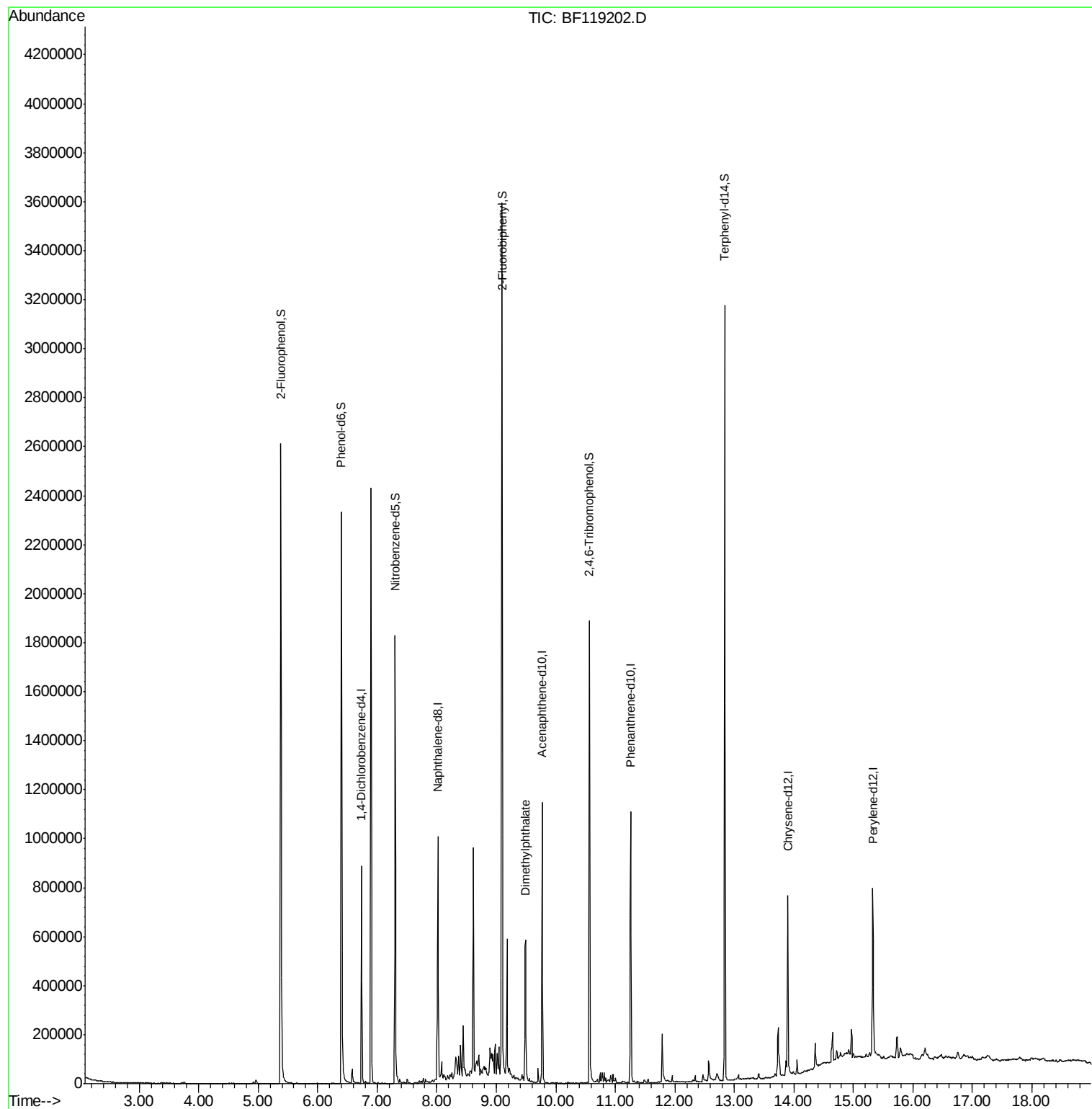
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	129324	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	482562	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	246316	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	397856	20.00	ng	0.00
76) Chrysene-d12	13.90	240	247990	20.00	ng	0.00
87) Perylene-d12	15.33	264	283415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	783836	101.29	ng	0.01
7) Phenol-d6	6.40	99	949034	100.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	626669	68.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	284085	88.16	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1182259	70.71	ng	-0.01
79) Terphenyl-d14	12.84	244	1079558	74.95	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	253350	13.451	ng	Qvalue 98

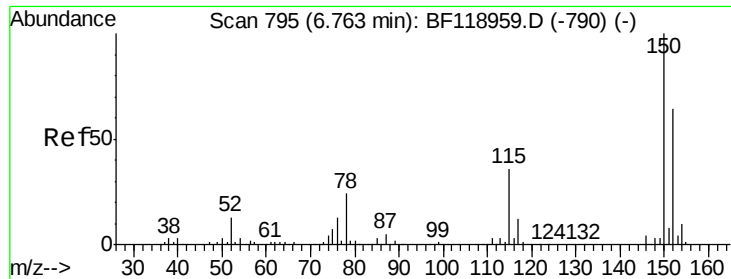
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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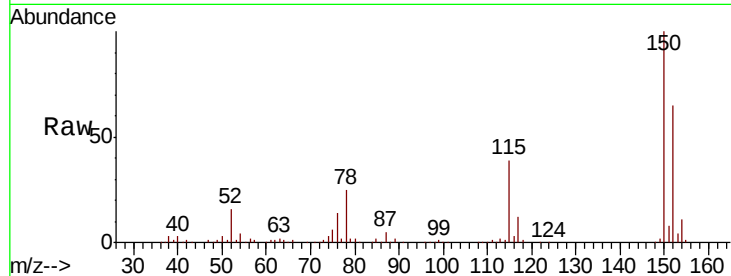


#1

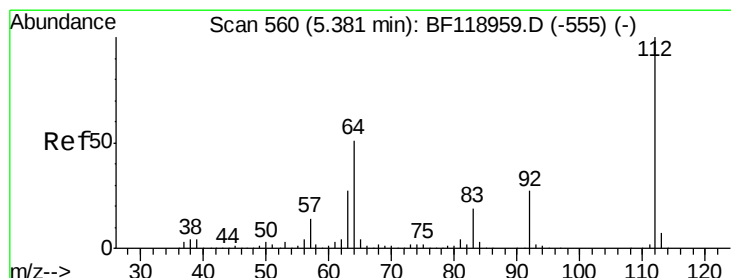
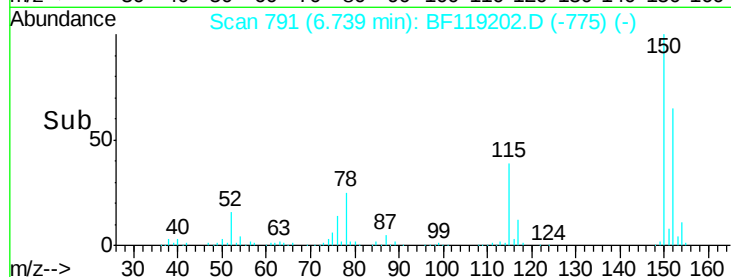
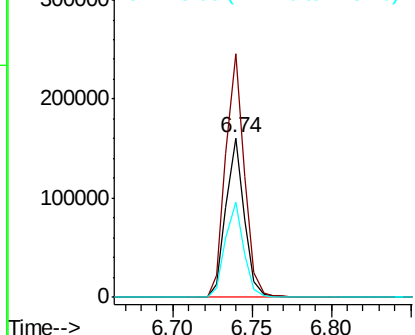
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tot Ion:152 Resp: 129324
Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.6
115 59.4 49.5 74.3



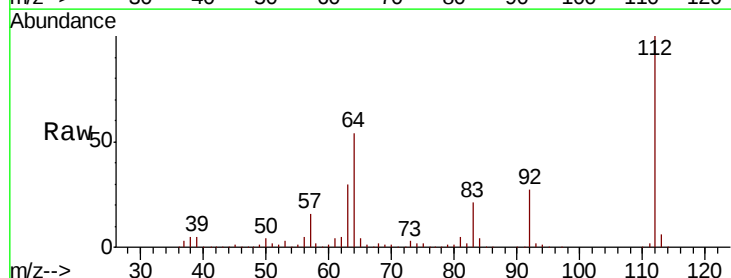
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



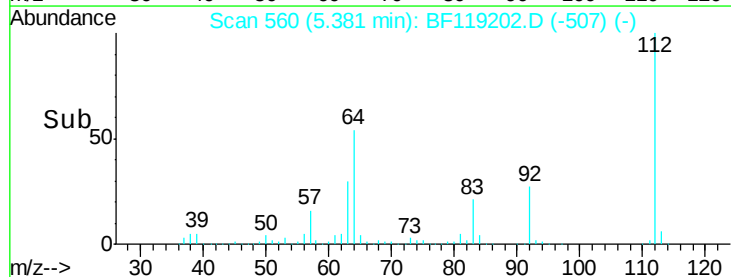
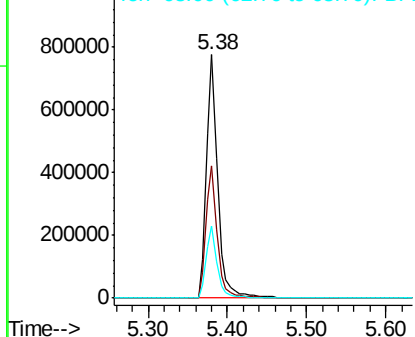
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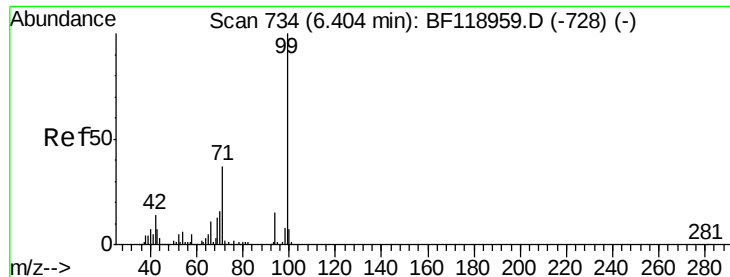
2-Fluorophenol
Concen: 101.290 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Tgt Ion:112 Resp: 783836
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 29.5 24.2 36.4



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: 100.838 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

VNJ-223

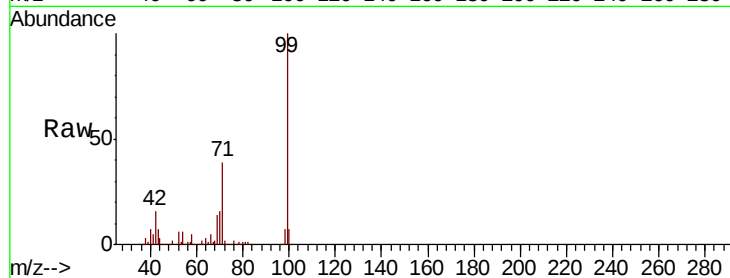
Tot Ion: 99 Resp: 949034

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

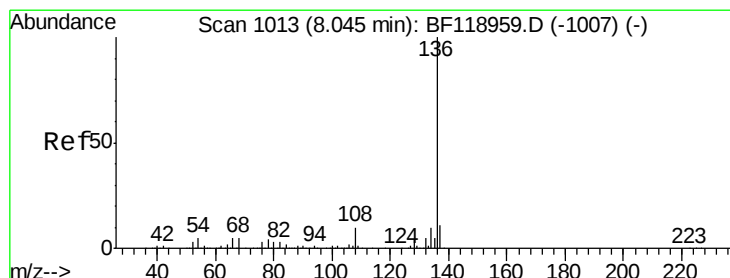
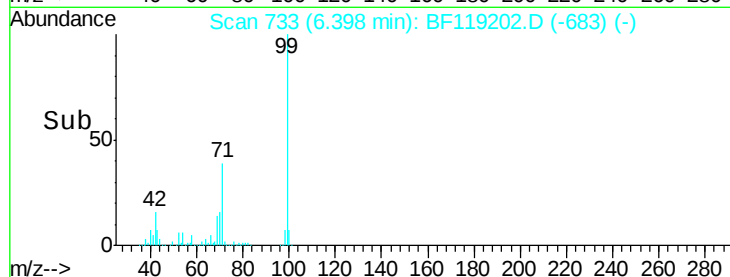
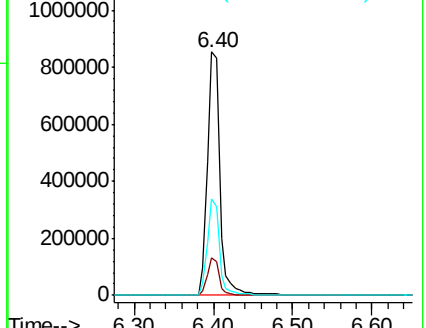
71 39.4 31.0 46.4



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# 1009

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Tgt Ion: 136 Resp: 482562

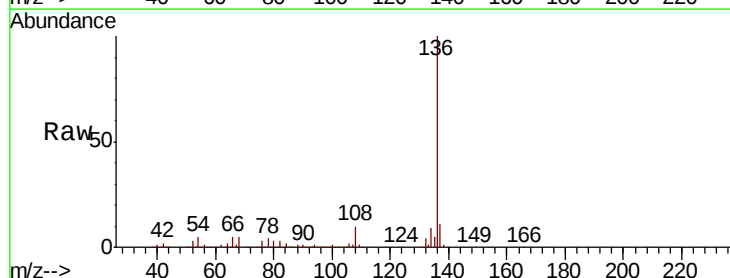
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.6 3.8 5.6

68 4.8 3.9 5.9

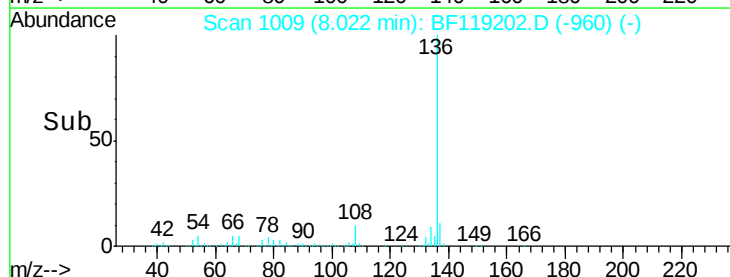
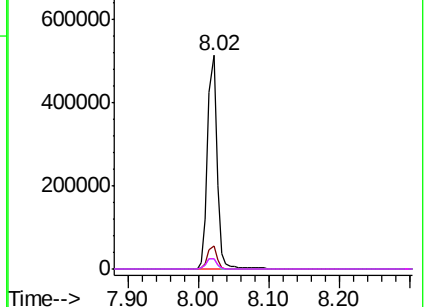


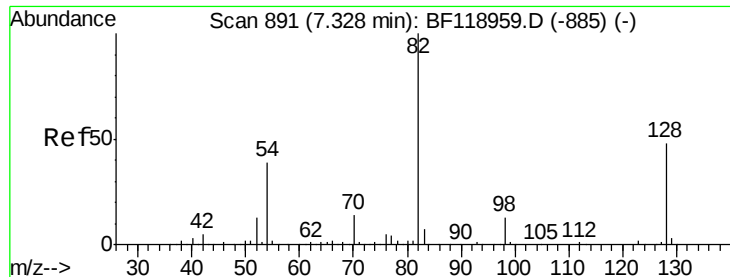
Abundance Ion 136.00 (135.70 to 136.70): E

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

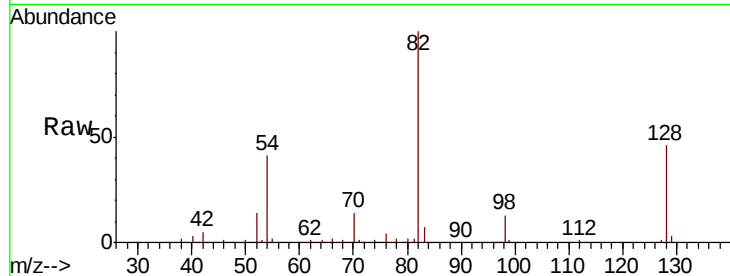




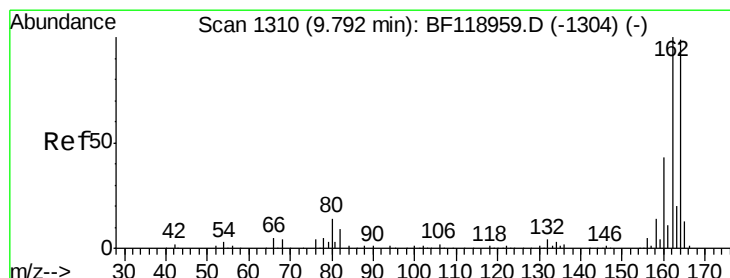
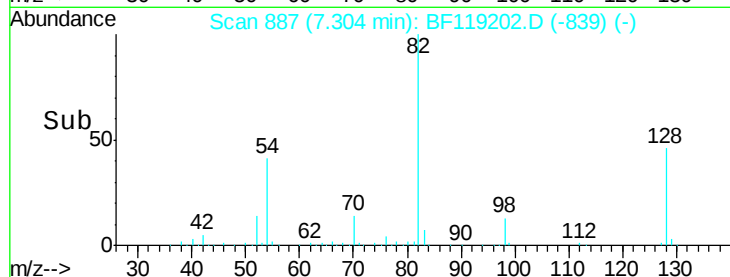
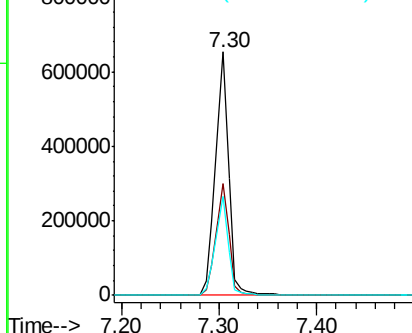
#23
Nitrobenzene-d5
Concen: 68.568 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Instrument :
BNA_F
ClientSampled :
VNJ-223

Tot Ion: 82 Resp: 626669
Ion Ratio Lower Upper
82 100
128 46.1 37.9 56.9
54 40.5 33.4 50.2

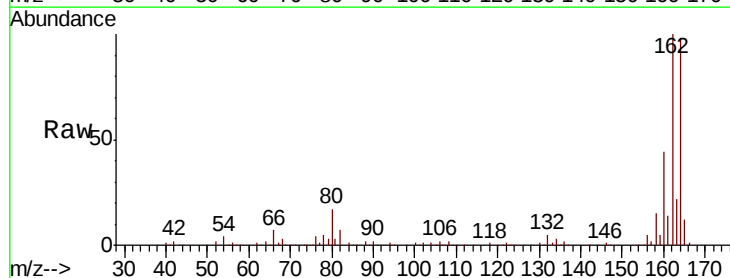


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

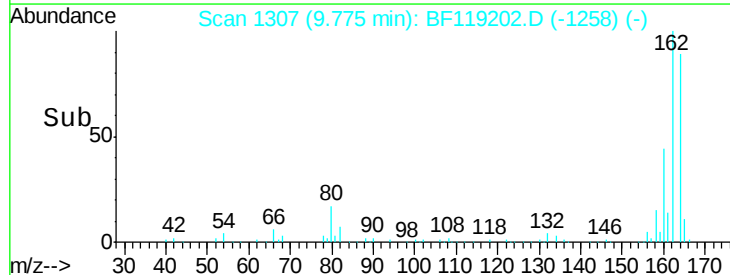
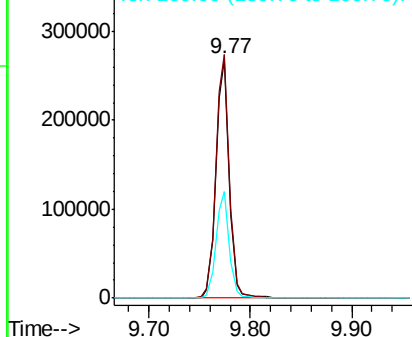


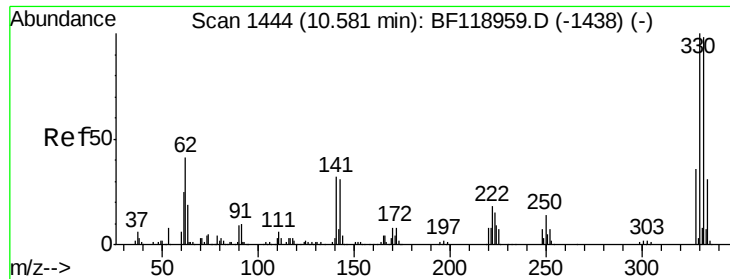
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Tgt Ion:164 Resp: 246316
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 44.7 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

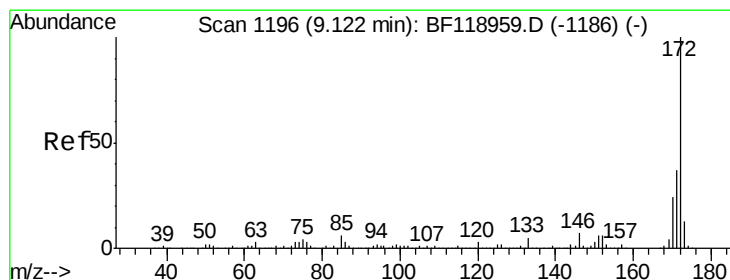
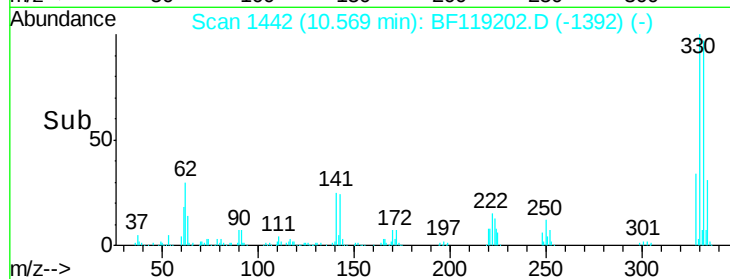
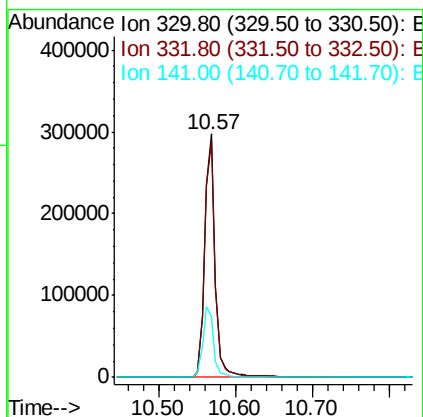
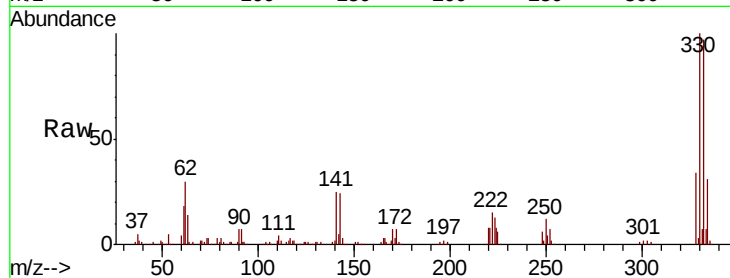




#42
 2,4,6-Tribromophenol
 Concen: 88.164 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119202.D
 Acq: 4 Mar 2020 18:53

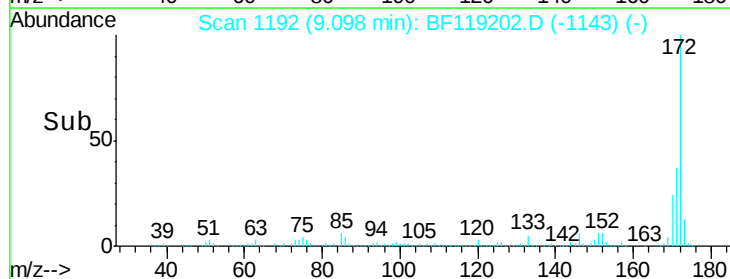
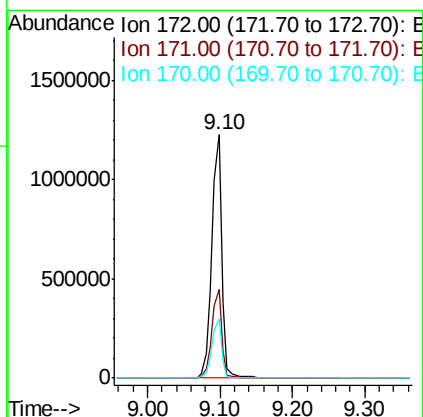
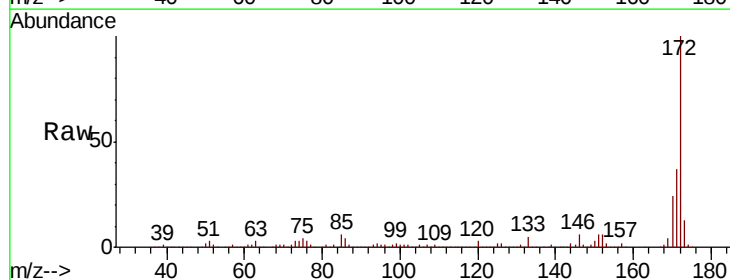
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

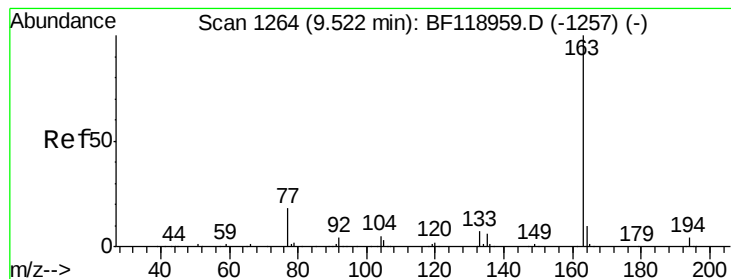
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	30.2	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 70.709 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119202.D
 Acq: 4 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.1	20.2	30.2





#50

Dimethylphthalate

Concen: 13.451 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

VNJ-223

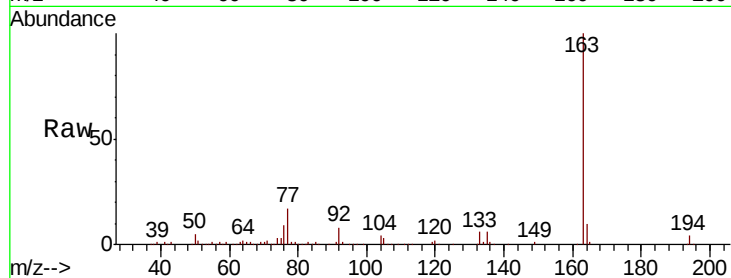
Tot Ion:163 Resp: 253350

Ion Ratio Lower Upper

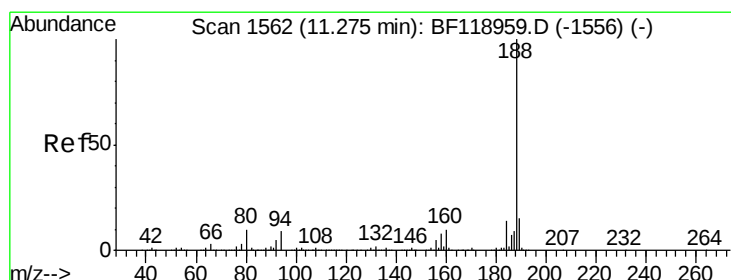
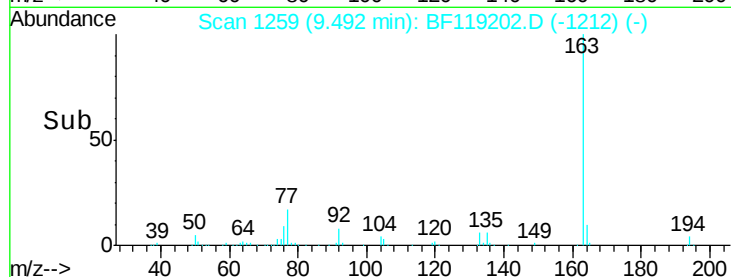
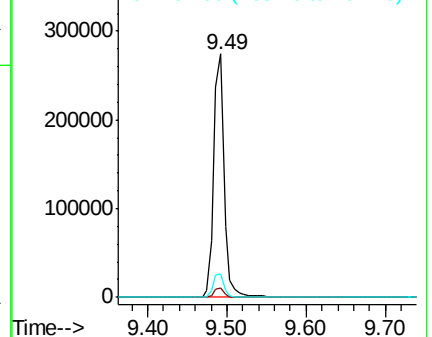
163 100

194 3.9 3.5 5.3

164 9.6 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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

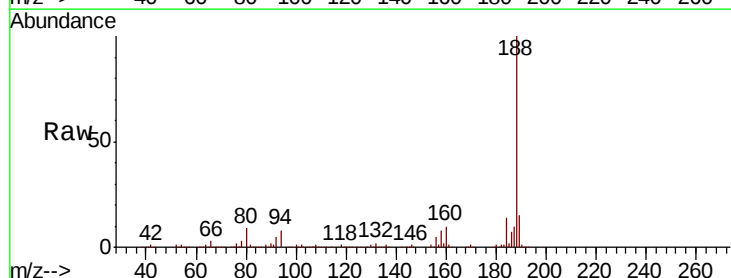
Tgt Ion:188 Resp: 397856

Ion Ratio Lower Upper

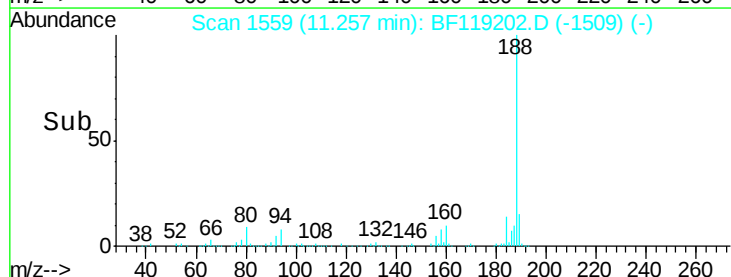
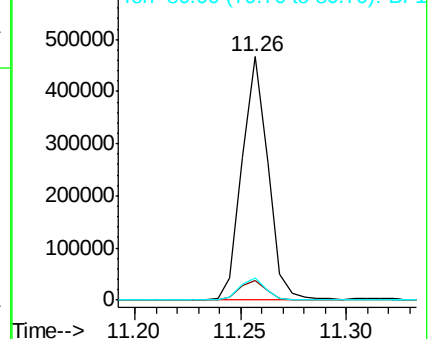
188 100

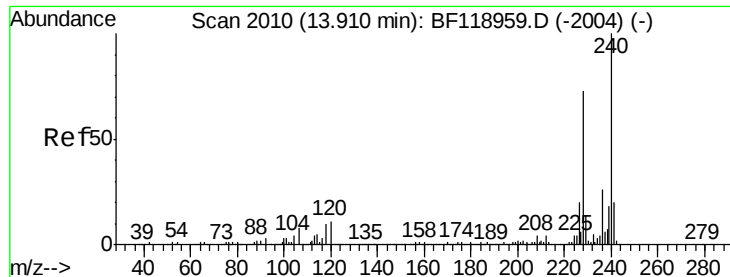
94 8.3 7.1 10.7

80 8.9 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

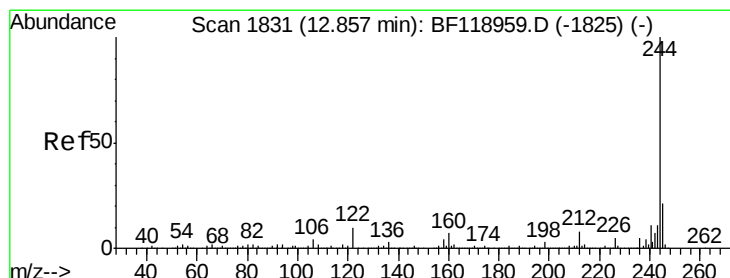
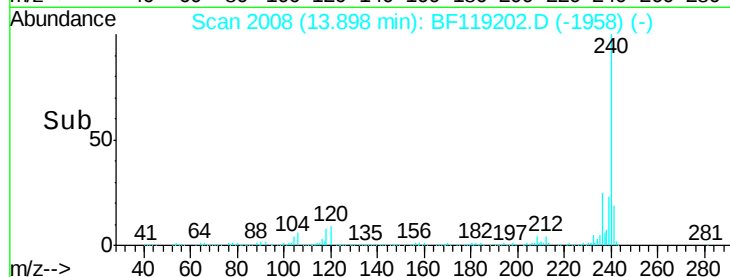
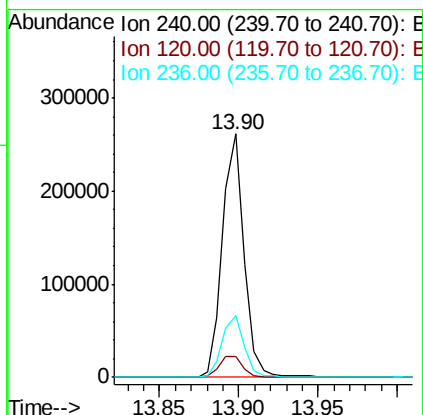
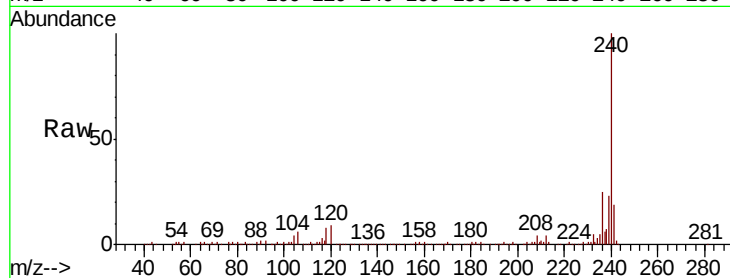




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

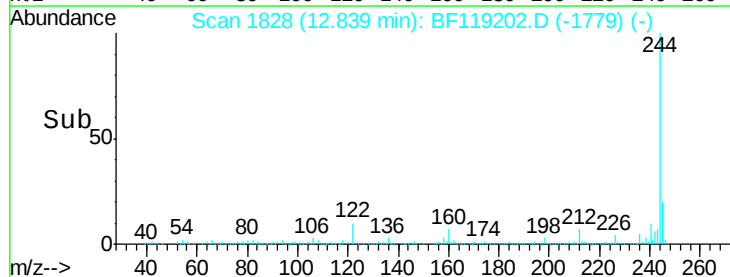
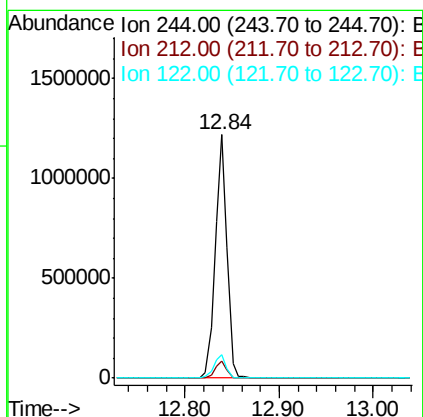
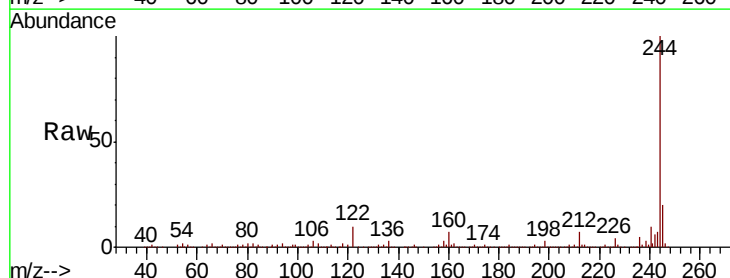
Instrument :
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ClientSampleId :
VNJ-223

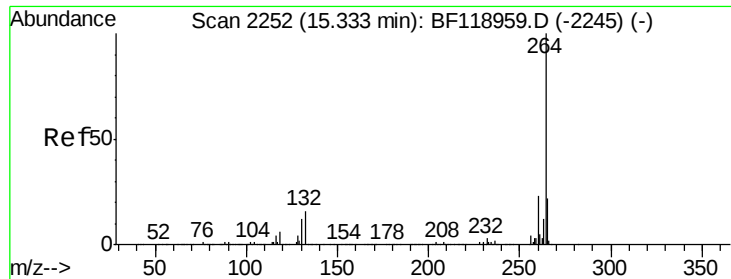
Tot Ion:240 Resp: 247990
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.2 21.0 31.4



#79
Terphenyl-d14
Concen: 74.948 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Tgt Ion:244 Resp: 1079558
Ion Ratio Lower Upper
244 100
212 7.1 6.6 10.0
122 9.9 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.7	17.7	26.5

