

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118782.D
 Acq On : 31 Jan 2020 15:22
 Operator : CG/JU
 Sample : L1325-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:04:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

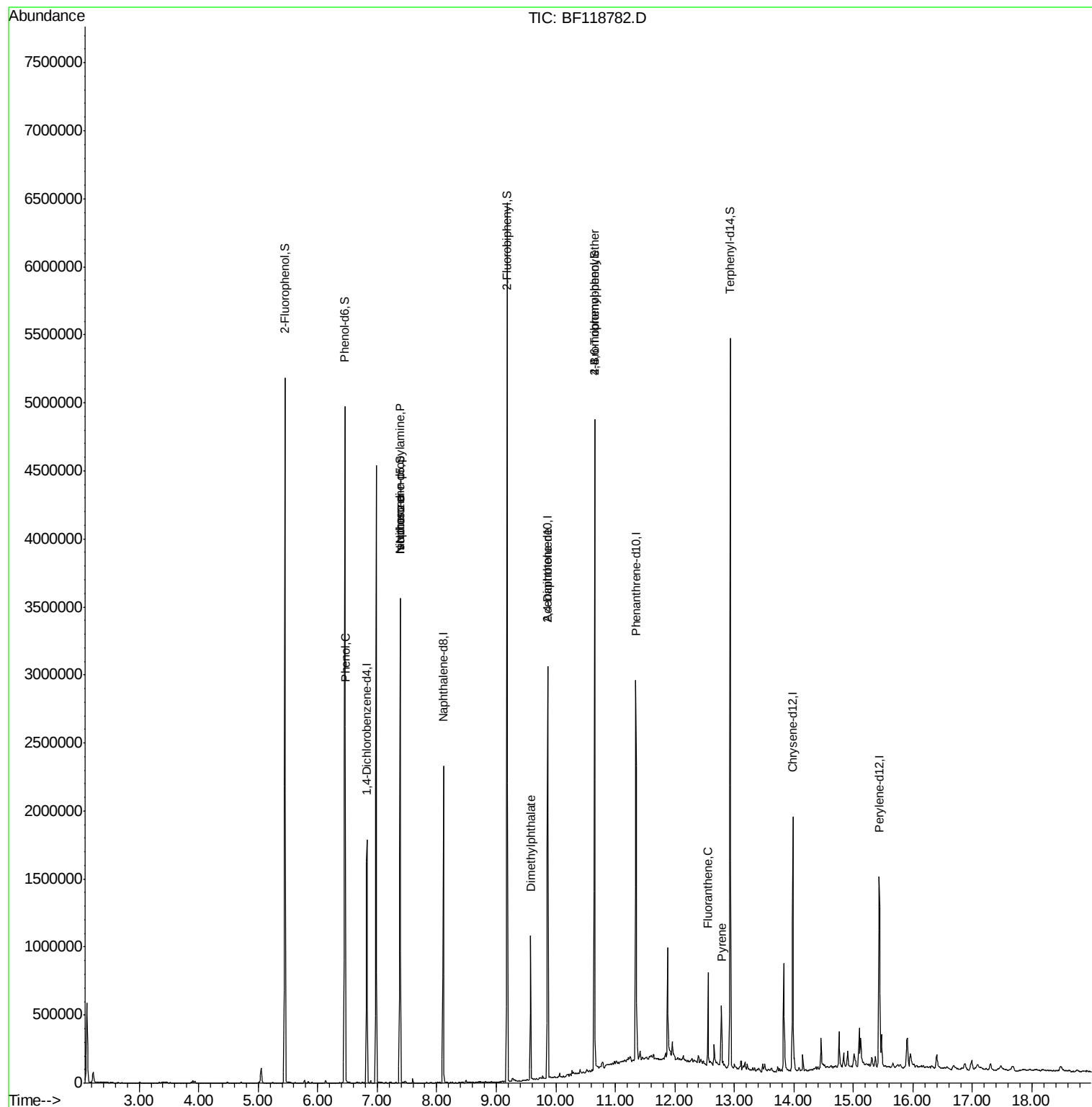
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	286086	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1100142	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	602566	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1032962	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	584758	20.00	ng	-0.04
87) Perylene-d12	15.43	264	670248	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1531241	99.41	ng	-0.03
7) Phenol-d6	6.46	99	1902654	95.03	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1230578	62.57	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	639835	91.81	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	1993991	54.39	ng	-0.04
79) Terphenyl-d14	12.93	244	1997049	74.49	ng	-0.03
Target Compounds				Qvalue		
10) Phenol	6.47	94	101279	4.439	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	166031	12.282	ng	# 76
25) Isophorone	7.39	82	1211392	33.767	ng	# 63
50) Dimethylphthalate	9.57	163	385820	9.828	ng	100
57) 2,4-Dinitrotoluene	9.86	165	79594	7.182	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	41242	3.232	ng	# 1
75) Fluoranthene	12.56	202	244227	4.647	ng	97
78) Pyrene	12.79	202	183874	4.632	ng	96

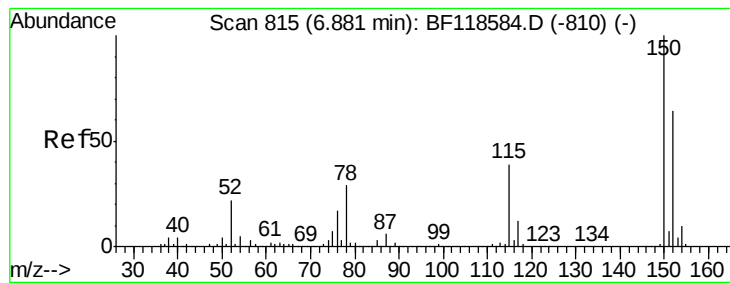
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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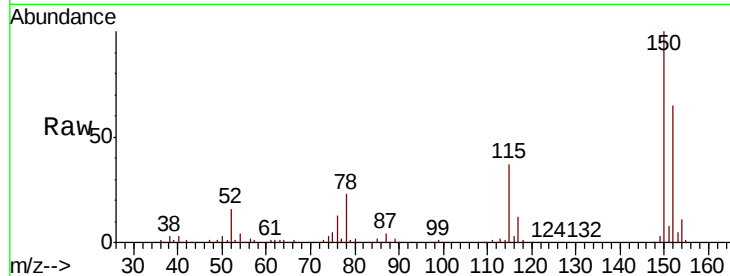


#1

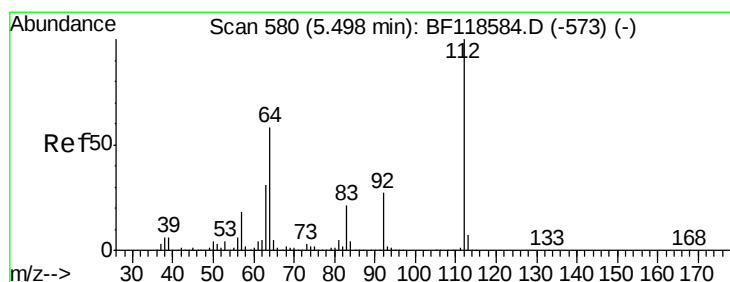
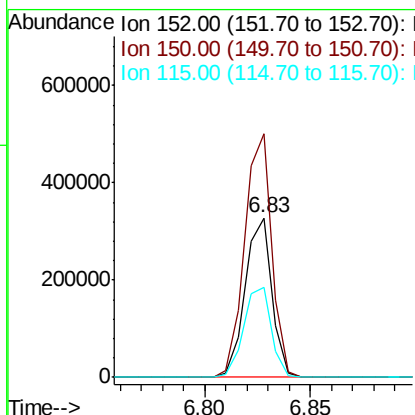
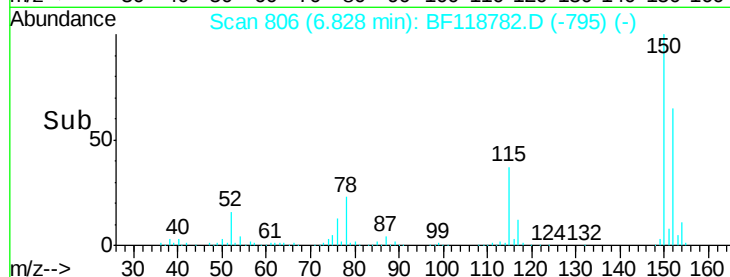
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 286086
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 56.8 45.1 67.7



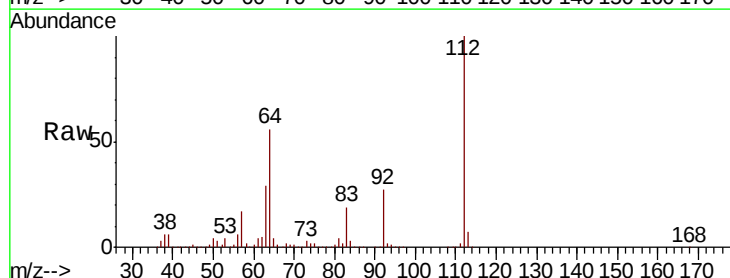
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



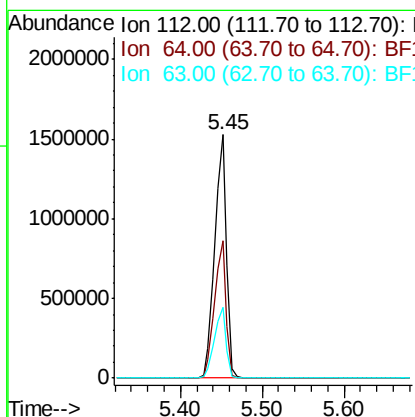
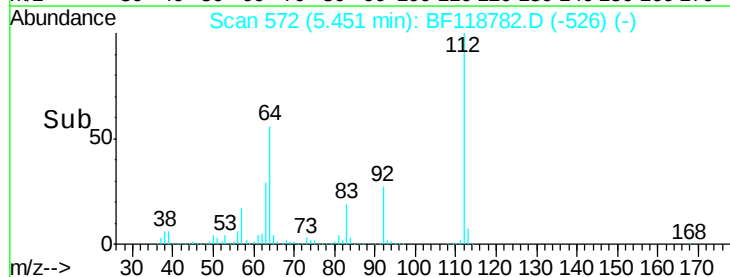
#5

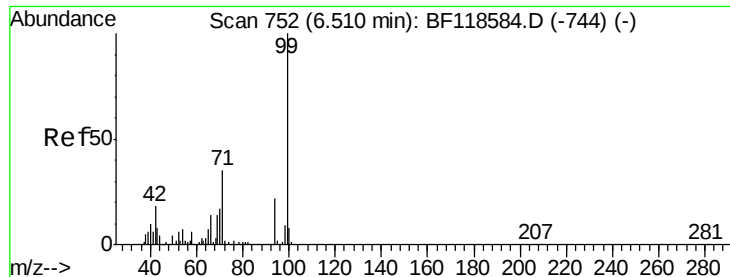
2-Fluorophenol
Concen: 99.407 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:112 Resp: 1531241
Ion Ratio Lower Upper
112 100
64 56.2 42.4 63.6
63 29.0 21.7 32.5



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: 95.034 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

Instrument :

BNA_F

ClientSampleId :

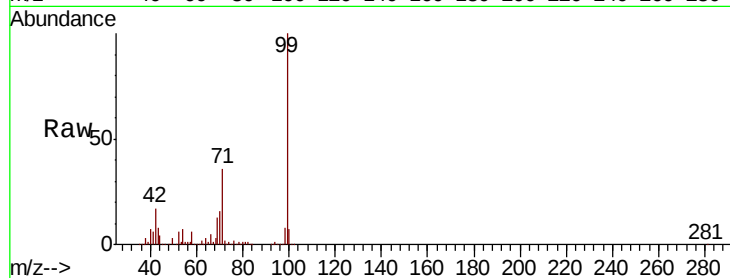
Tot Ion: 99 Resp: 1902654

Ion Ratio Lower Upper

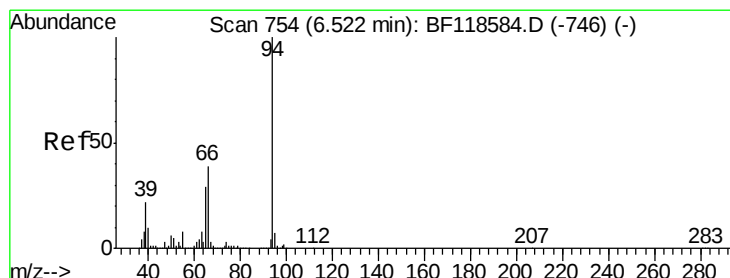
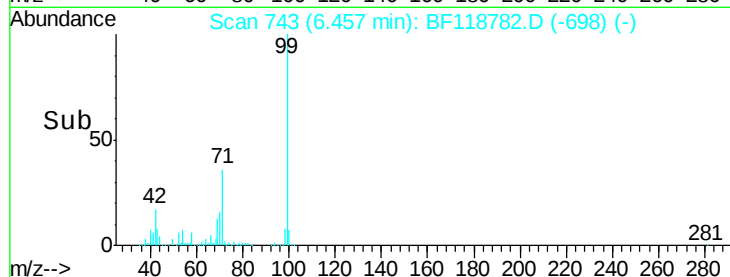
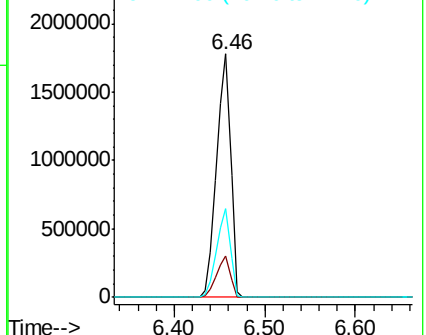
99 100

42 17.0 13.1 19.7

71 36.5 28.4 42.6



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



#10

Phenol

Concen: 4.439 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118782.D

Acq: 31 Jan 2020 15:22

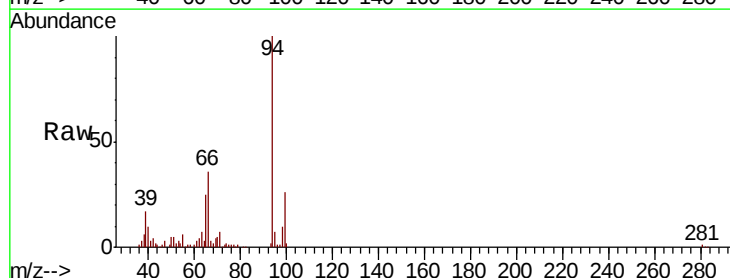
Tgt Ion: 94 Resp: 101279

Ion Ratio Lower Upper

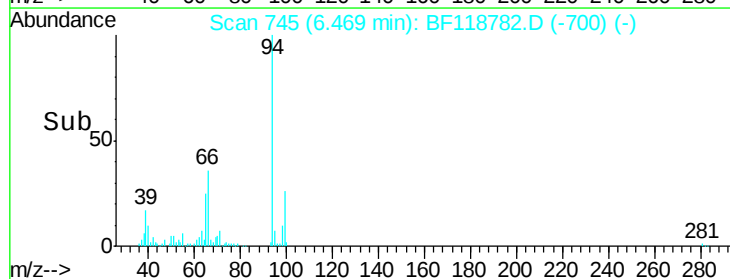
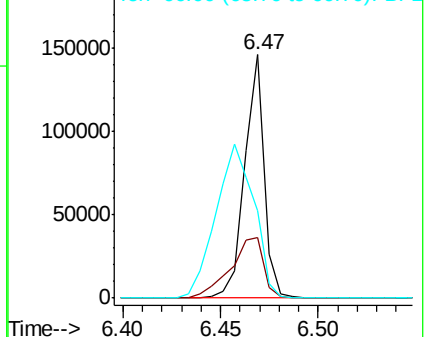
94 100

65 24.9 7.9 47.9

66 35.7 19.1 59.1



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

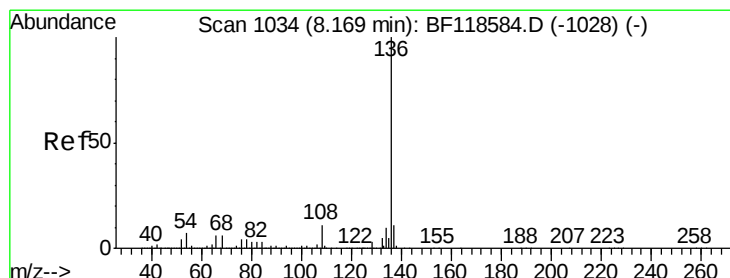
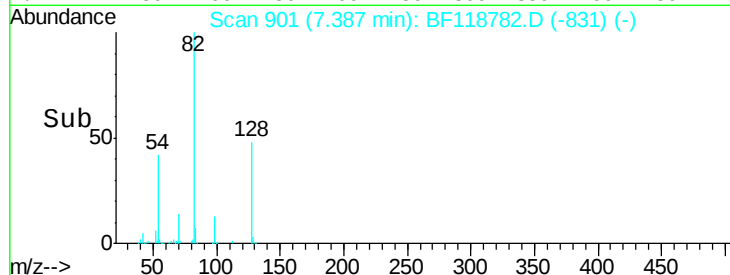
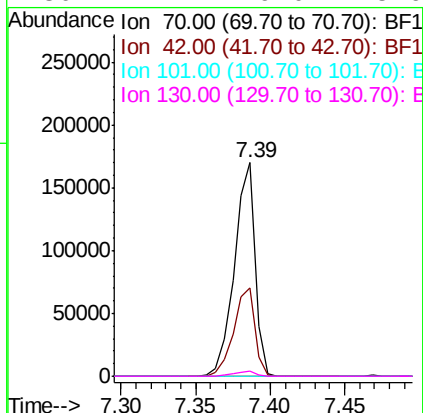
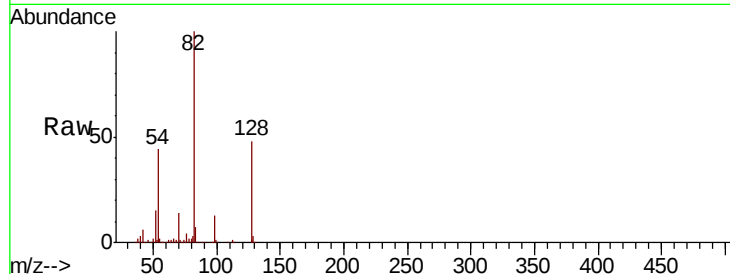




#19
n-Nitroso-di-n-propylamine
Concen: 12.282 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

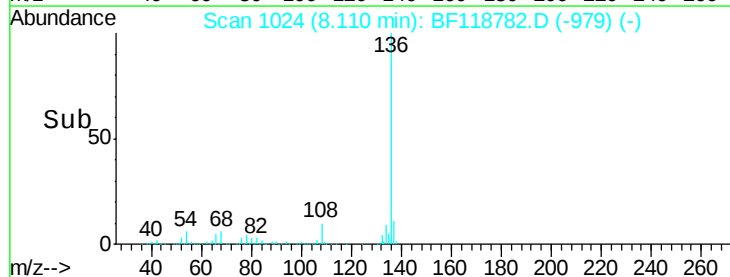
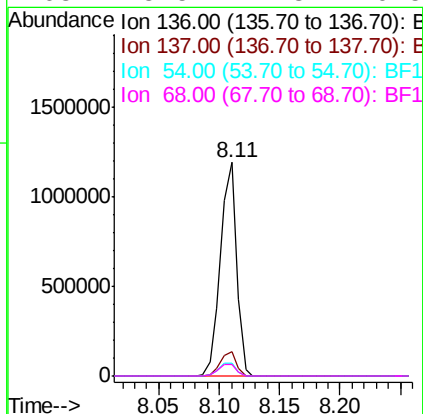
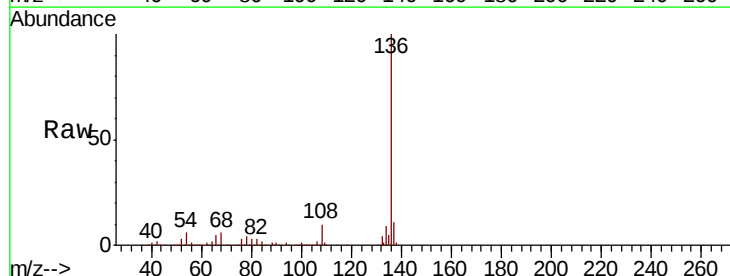
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 166031
Ion Ratio Lower Upper
70 100
42 41.4 41.6 62.4#
101 0.0 7.9 11.9#
130 2.2 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:136 Resp: 1100142
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.2 5.1 7.7
68 5.5 4.3 6.5

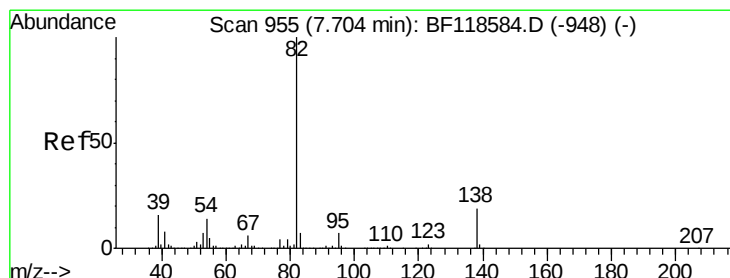
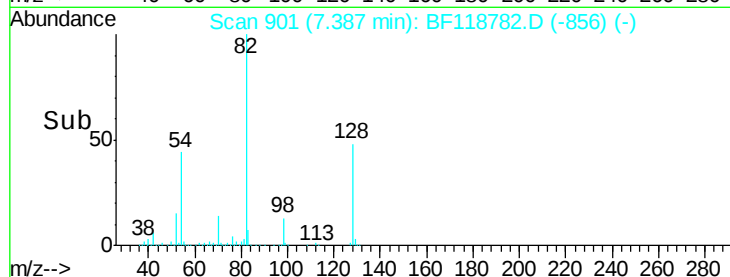
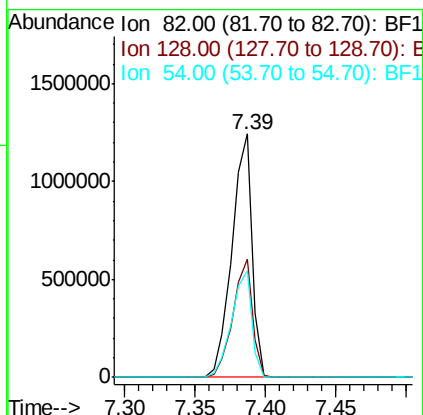
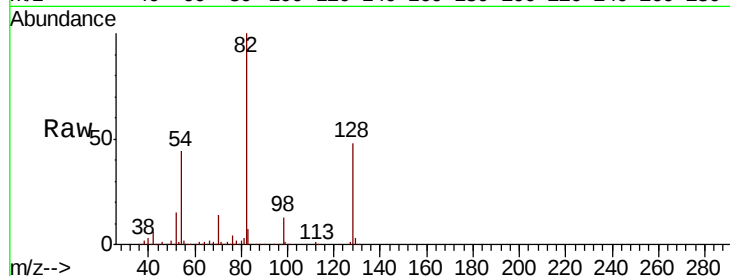




#23
Nitrobenzene-d5
Concen: 62.566 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

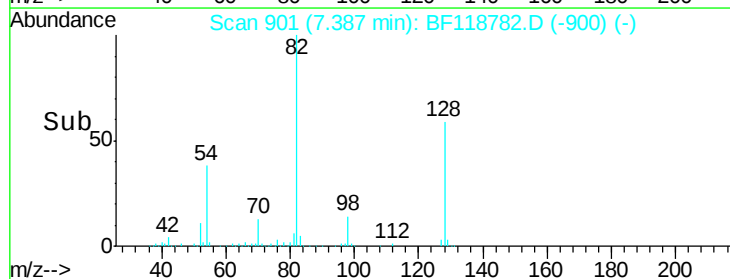
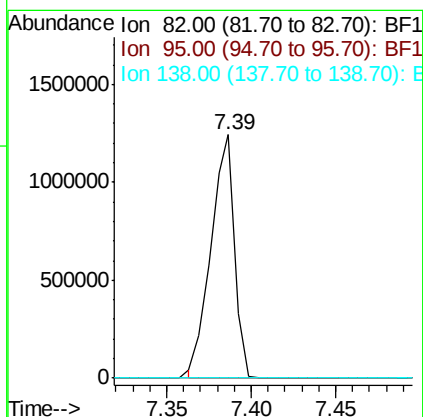
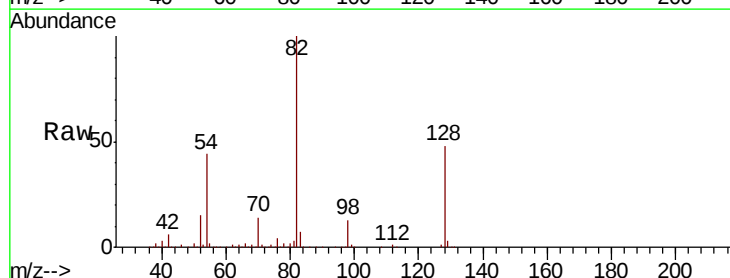
Instrument :
BNA_F
ClientSampleId :

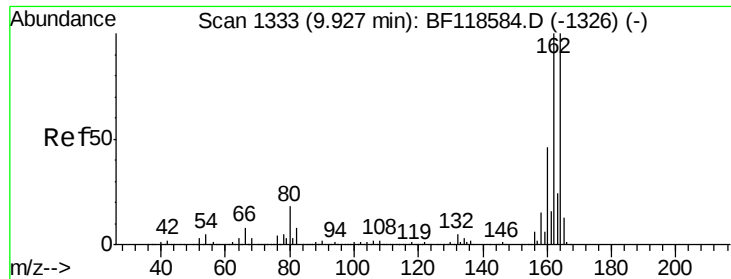
Tot Ion: 82 Resp: 1230578
Ion Ratio Lower Upper
82 100
128 48.3 38.2 57.2
54 43.7 36.1 54.1



#25
Isophorone
Concen: 33.767 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion: 82 Resp: 1211392
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

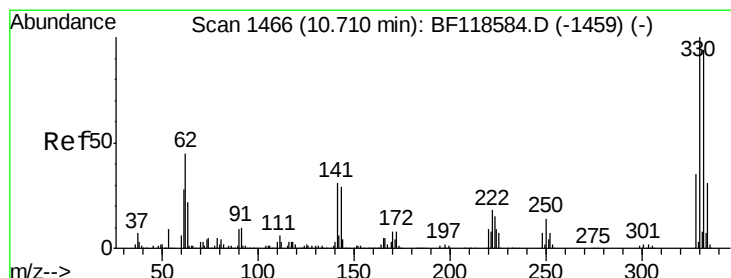
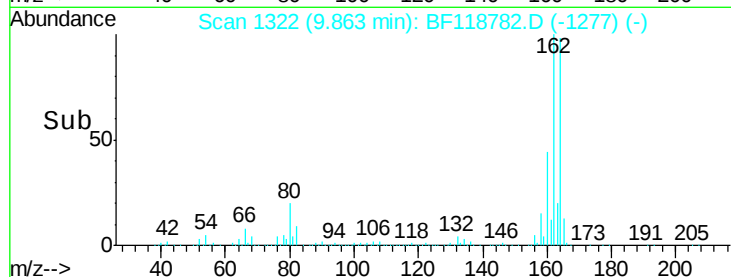
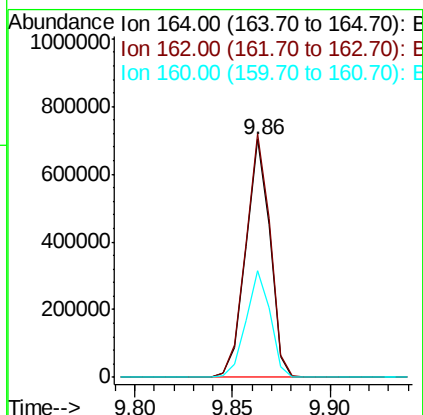
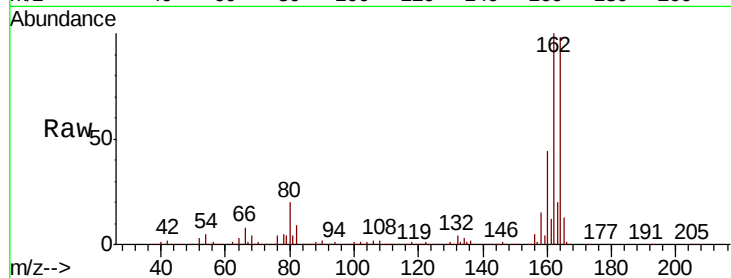




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

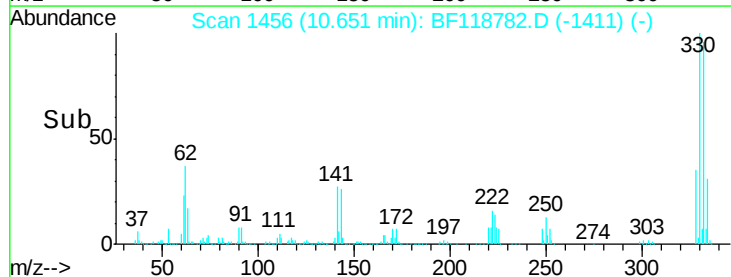
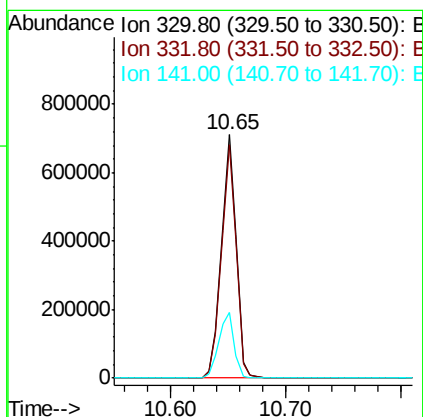
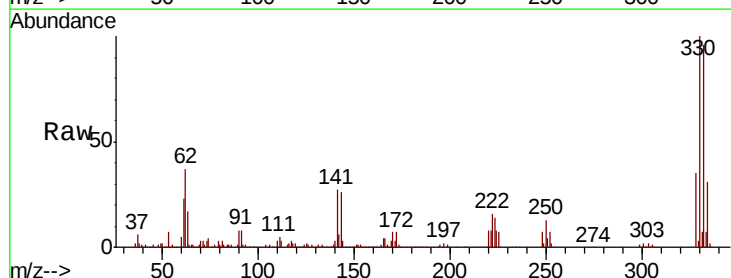
Instrument :
 BNA_F
 ClientSampled :

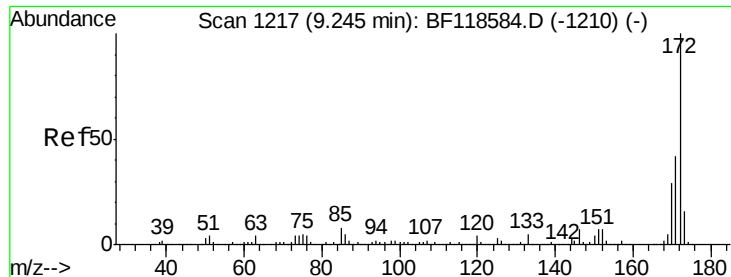
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	44.8	35.4	53.0



#42
 2,4,6-Tribromophenol
 Concen: 91.806 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	27.7	22.2	33.2

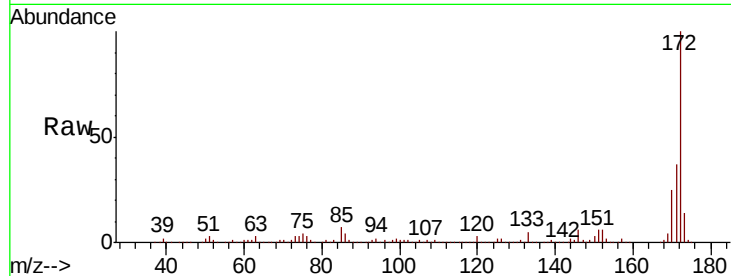




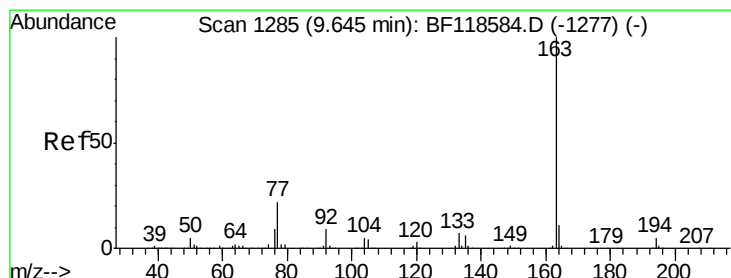
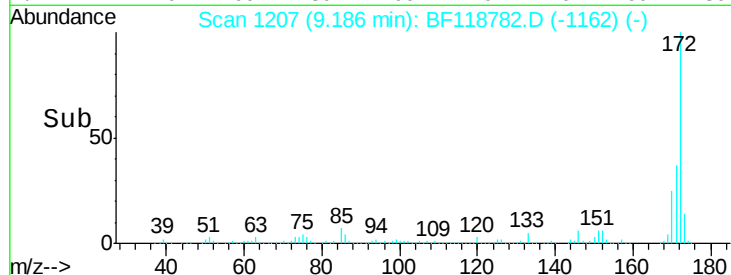
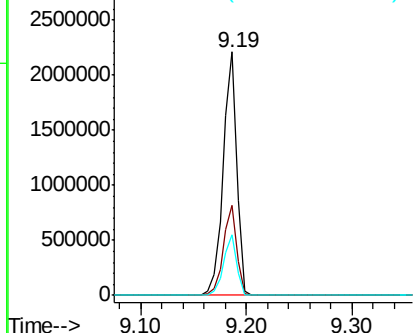
#45
2-Fluorobiphenyl
Concen: 54.390 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1993991
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 24.7 20.7 31.1

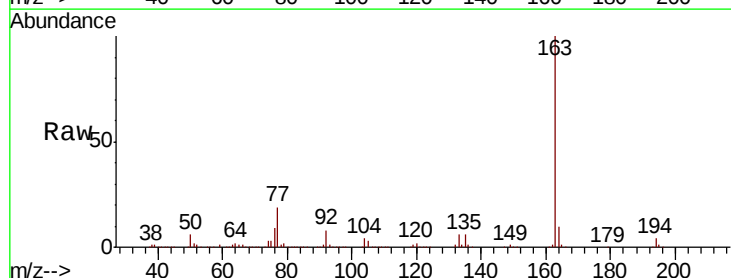


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

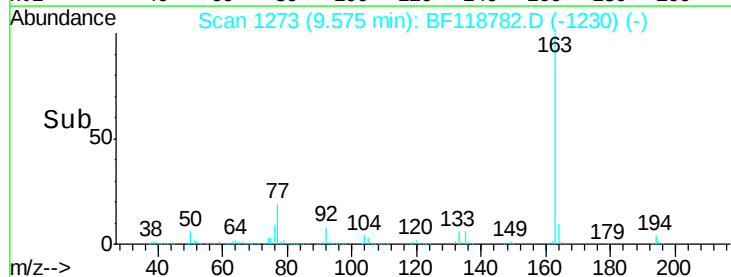
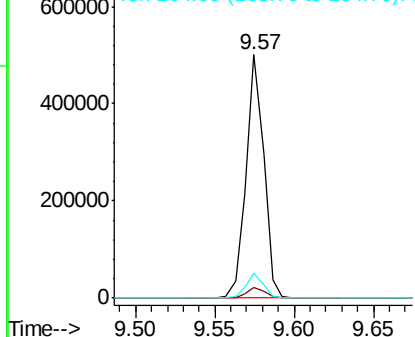


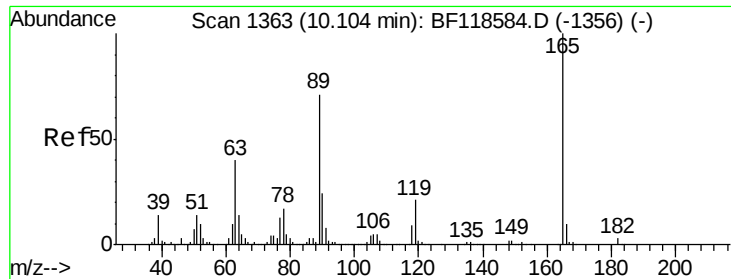
#50
Dimethylphthalate
Concen: 9.828 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:163 Resp: 385820
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.1 8.2 12.2



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

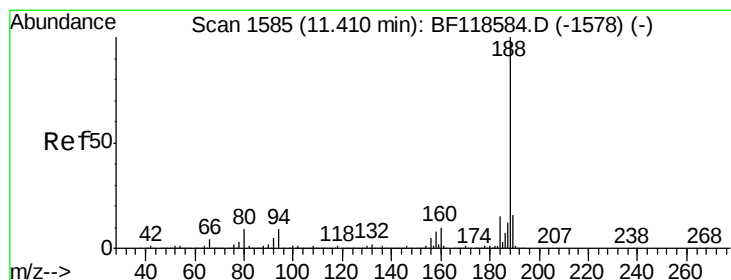
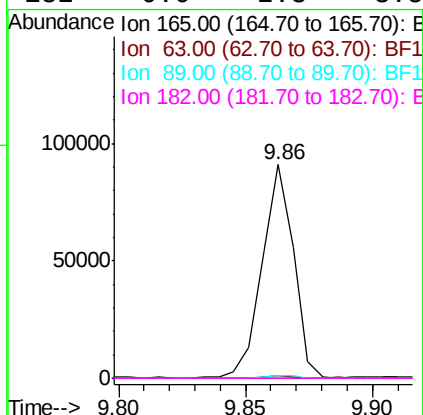
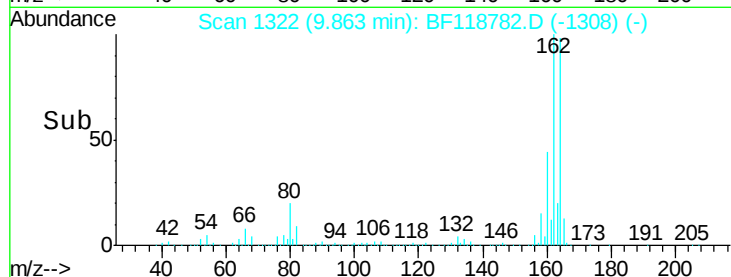
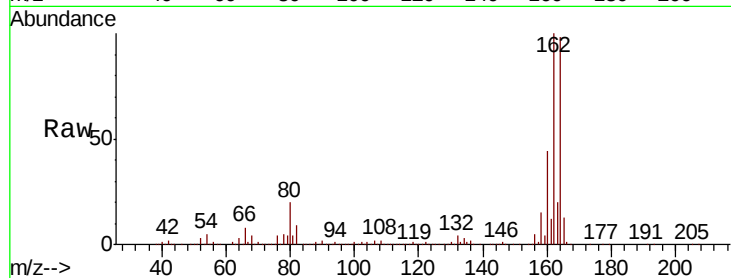




#57
 2,4-Dinitrotoluene
 Concen: 7.182 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

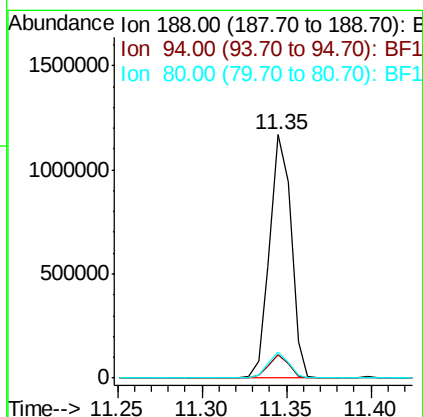
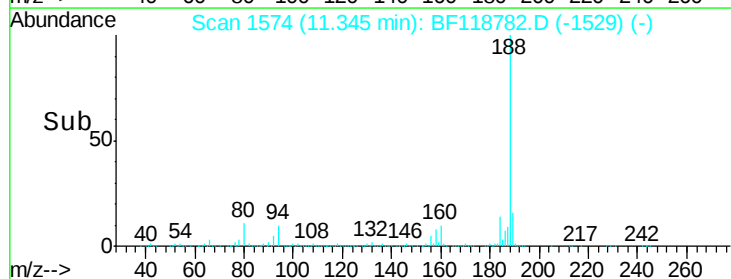
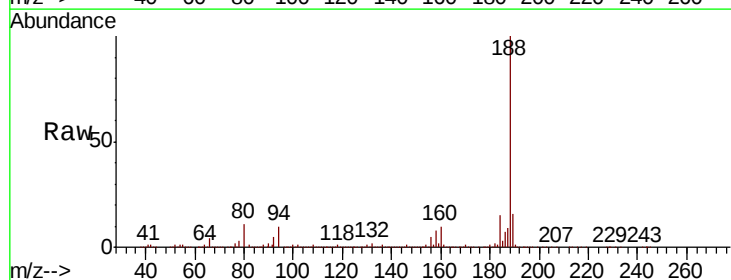
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.5	42.7#
89	1.3	50.4	75.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.8	7.8	11.8

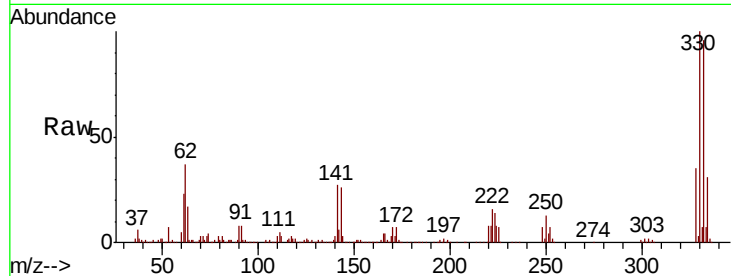




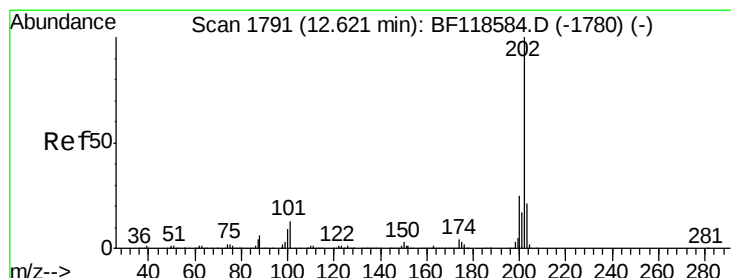
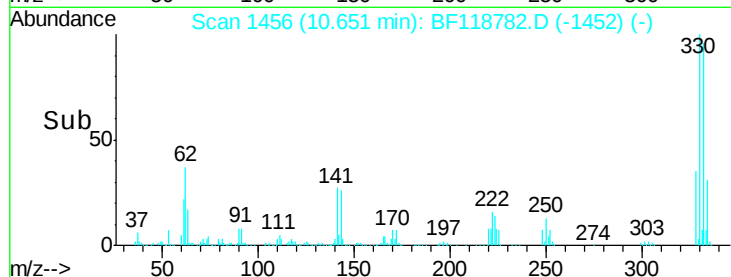
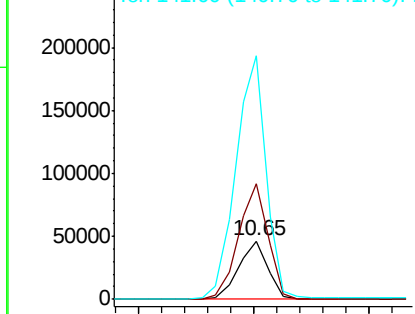
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.28 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.7	118.1#
141	417.5	48.4	72.6#

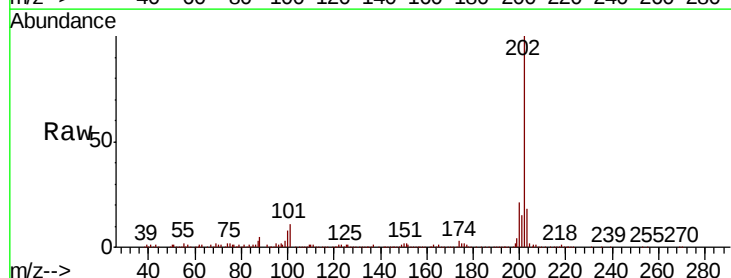


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

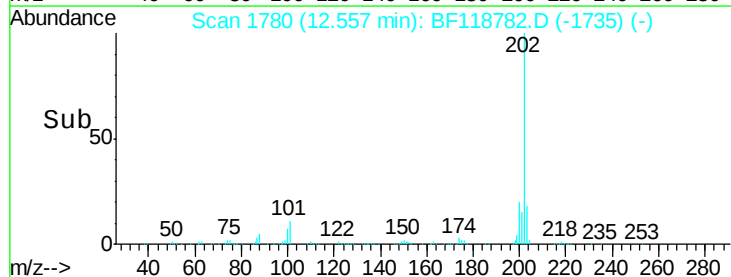
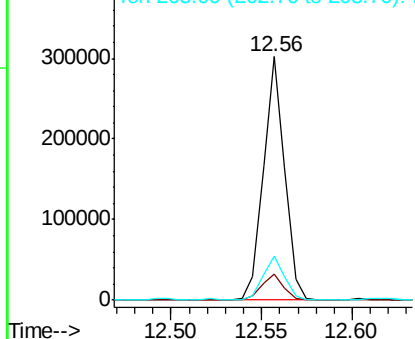


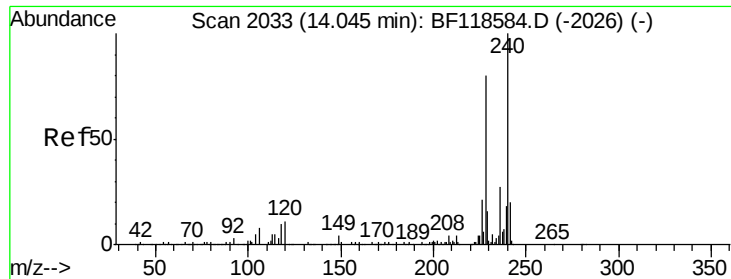
#75
 Fluoranthene
 Concen: 4.647 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.04 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.1
203	17.8	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

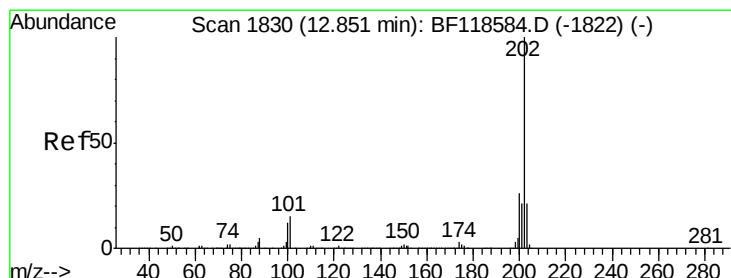
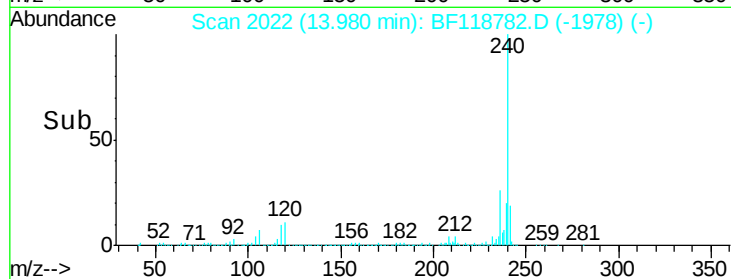
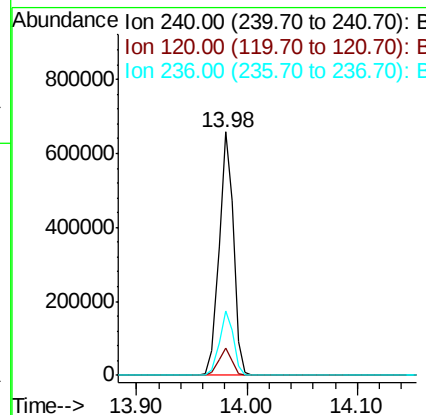
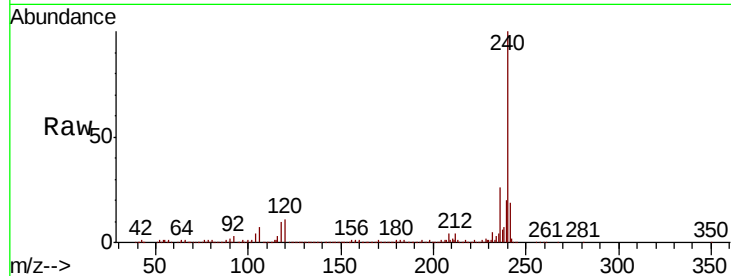




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

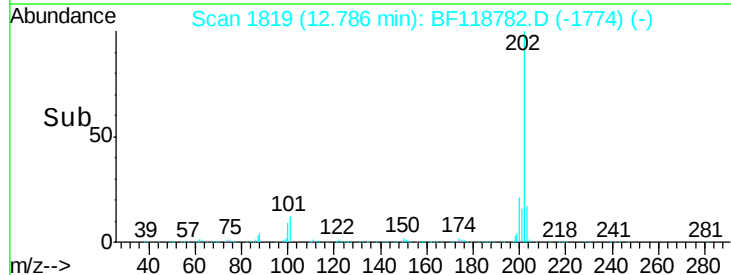
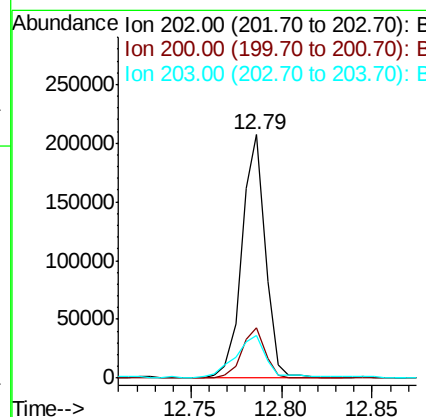
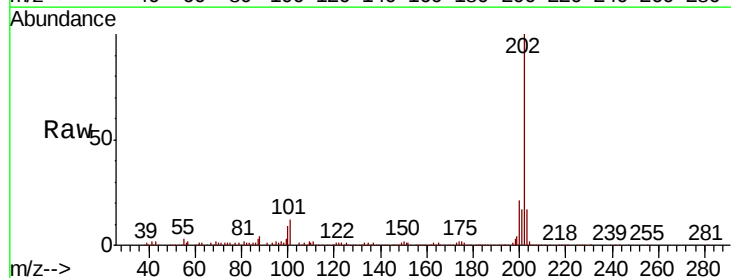
Instrument :
BNA_F
ClientSampleId :

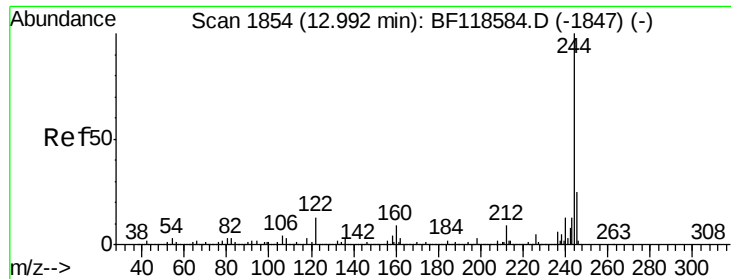
Tot Ion:240 Resp: 584758
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 26.4 21.0 31.4



#78
Pyrene
Concen: 4.632 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118782.D
Acq: 31 Jan 2020 15:22

Tgt Ion:202 Resp: 183874
Ion Ratio Lower Upper
202 100
200 20.6 18.1 27.1
203 17.4 15.2 22.8

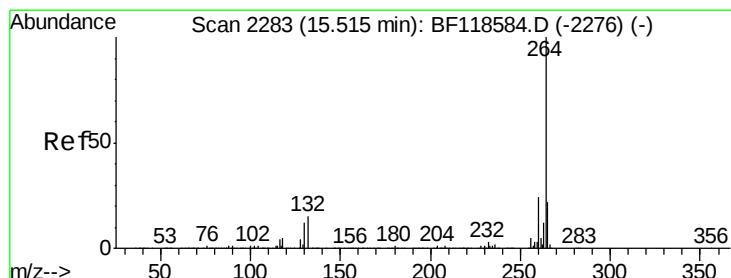
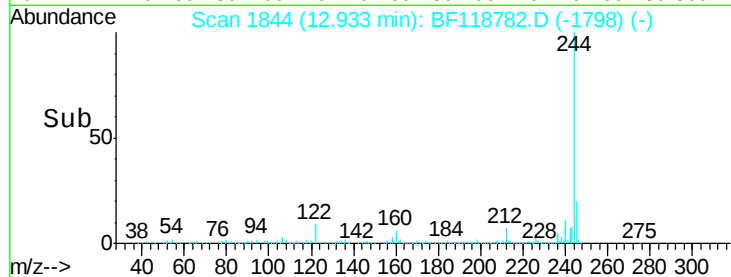
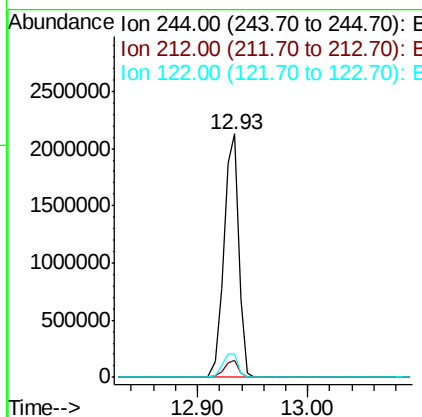
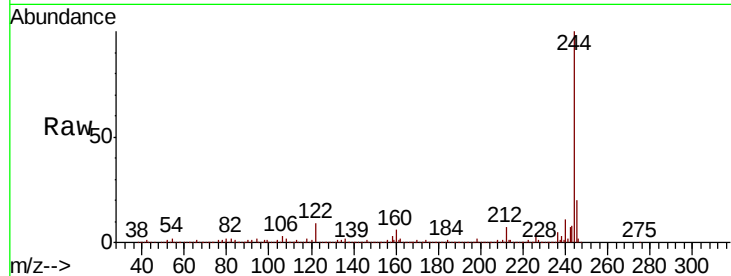




#79
 Terphenyl-d14
 Concen: 74.488 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1997049
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 9.4 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.05 min
 Lab File: BF118782.D
 Acq: 31 Jan 2020 15:22

Tgt Ion:264 Resp: 670248
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.7 17.0 25.6

