

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118829.D
 Acq On : 5 Feb 2020 15:01
 Operator : CG/JU
 Sample : L1390-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:24:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

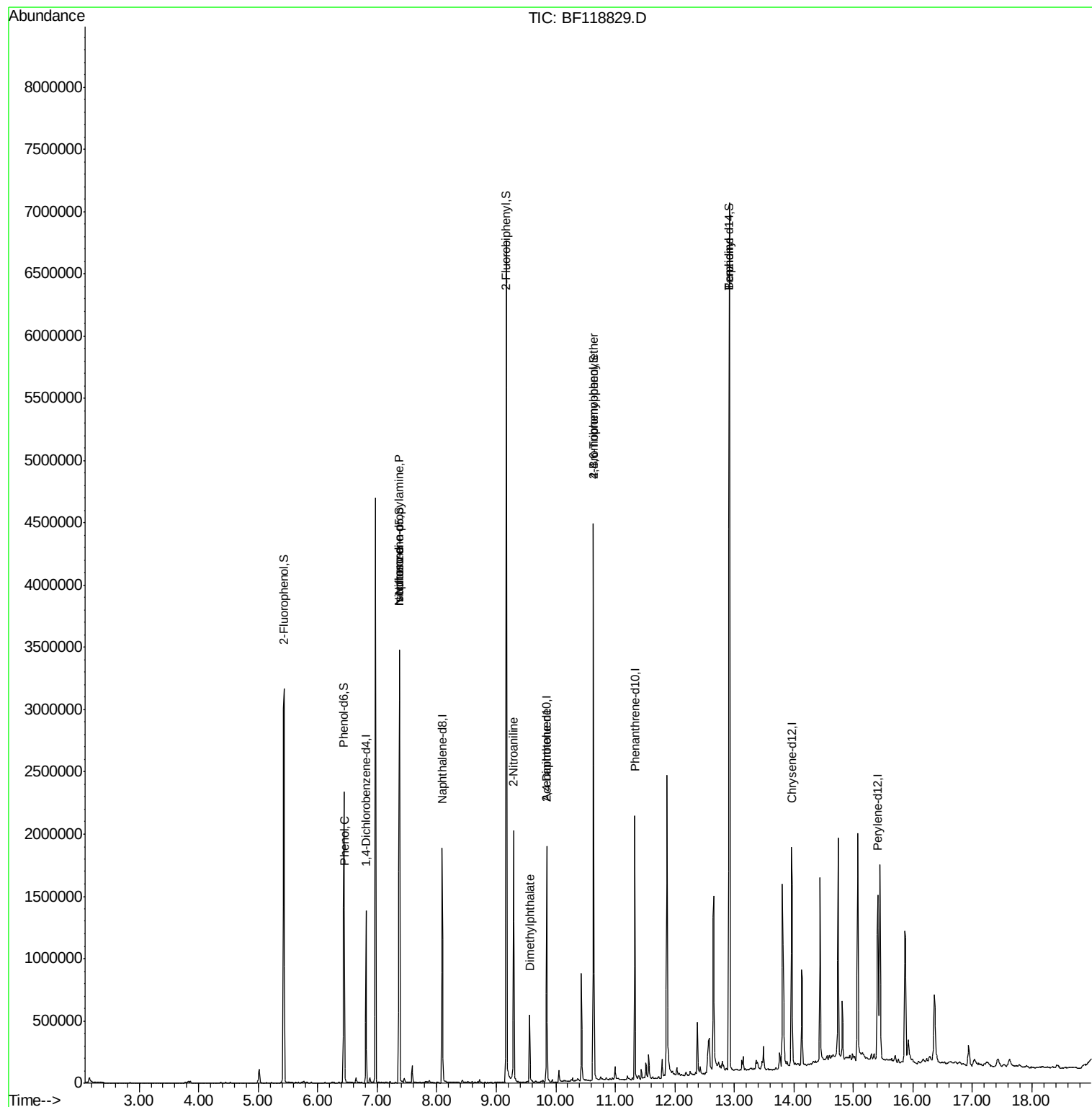
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	209721	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	793840	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	421457	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	798524	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	595347	20.00	ng	-0.02
87) Perylene-d12	15.41	264	661512	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	956857	86.37	ng	0.00
7) Phenol-d6	6.44	99	762540	55.44	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1199264	90.05	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	688238	136.48	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2368314	100.46	ng	-0.01
79) Terphenyl-d14	12.92	244	2774927	95.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	1271	Below Cal		88
10) Phenol	6.45	94	41077	2.686 ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	164000	19.489 ng	#	74
25) Isophorone	7.37	82	1199253	50.103 ng	#	63
48) 2-Nitroaniline	9.29	65	20673	2.957 ng	#	4
50) Dimethylphthalate	9.56	163	247210	8.614 ng		98
57) 2,4-Dinitrotoluene	9.85	165	54786	6.305 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	43900	4.647 ng	#	1
77) Benzidine	12.92	184	36131	2.007 ng	#	91

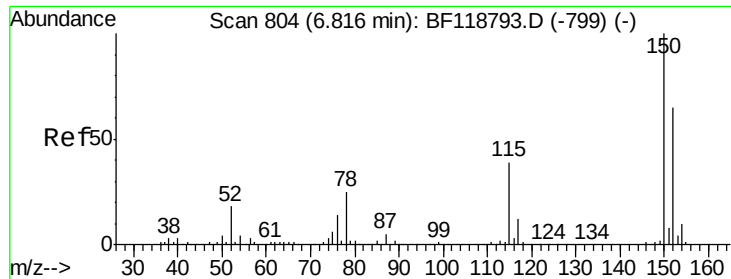
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Feb 06 00:24:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



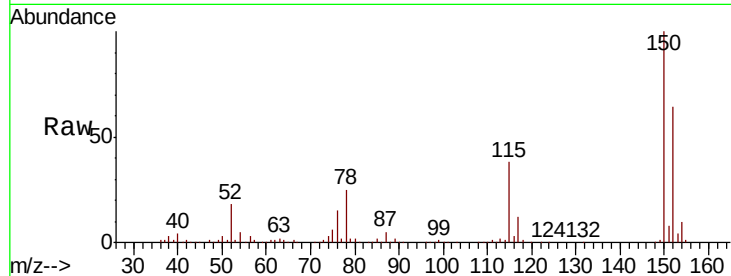


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.6	185.4
115	60.2	48.2	72.2

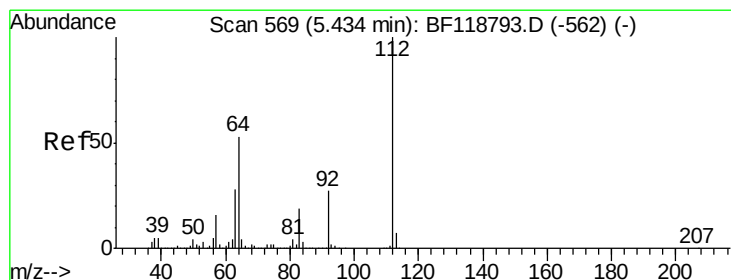
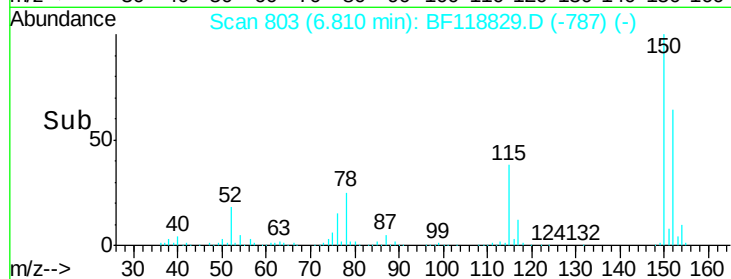
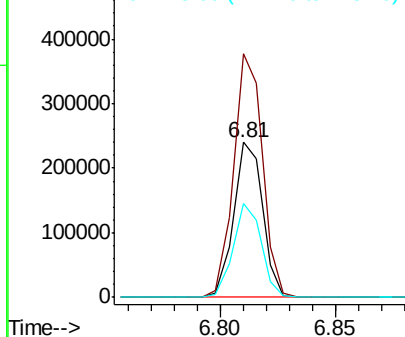


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

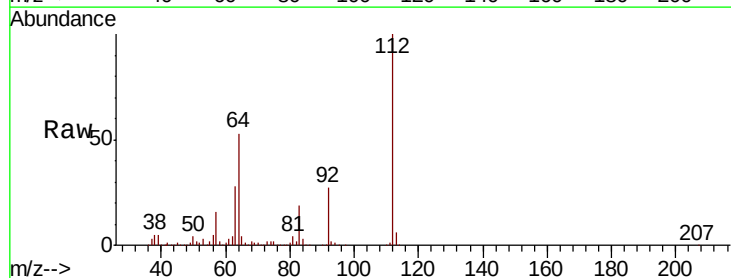
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.365 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.6	63.8
63	27.6	22.2	33.4

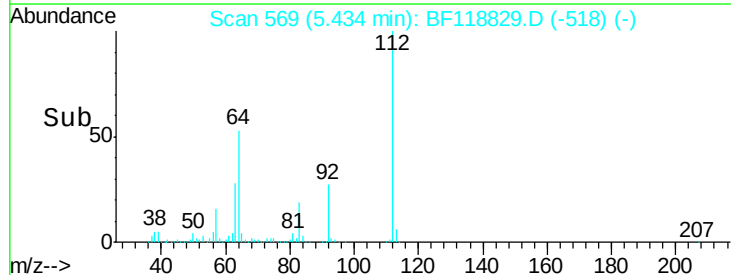
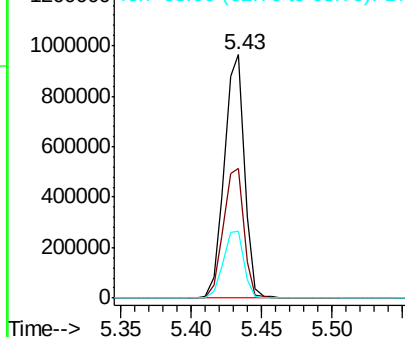


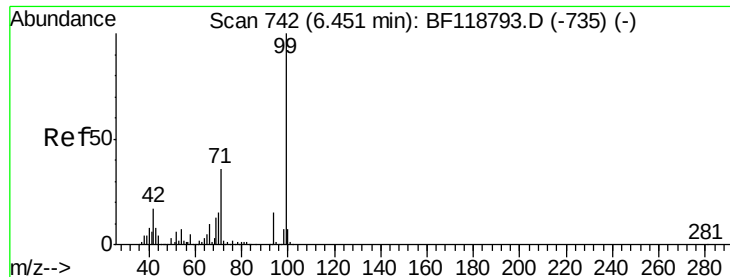
Abundance

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: 55.445 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118829.D

Acq: 5 Feb 2020 15:01

Instrument :

BNA_F

ClientSampled :

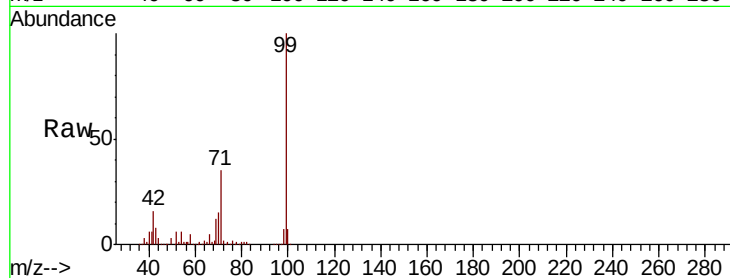
Tot Ion: 99 Resp: 762540

Ion Ratio Lower Upper

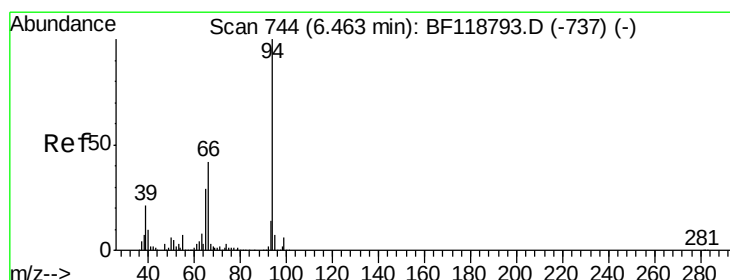
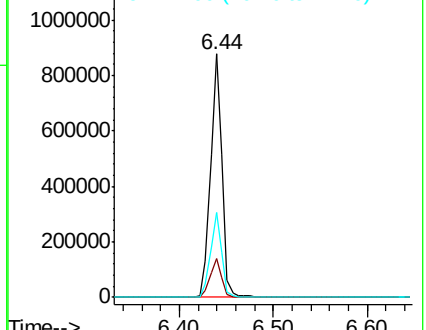
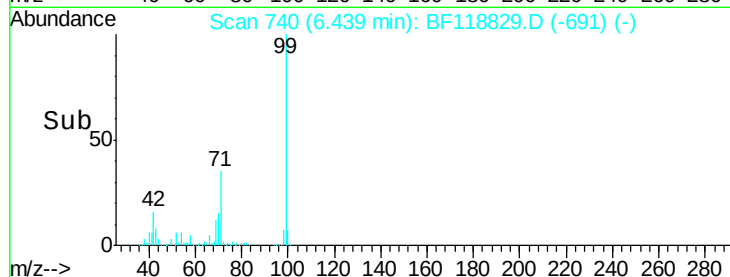
99 100

42 15.9 13.4 20.0

71 34.7 29.0 43.6



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: 2.686 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118829.D

Acq: 5 Feb 2020 15:01

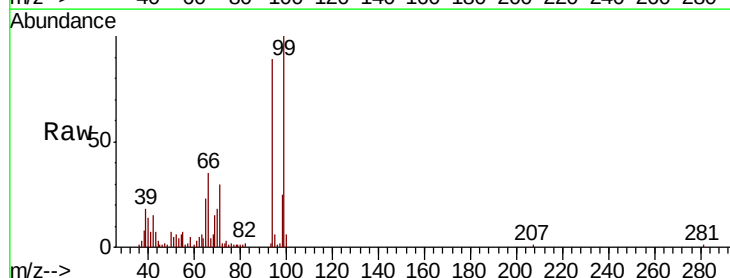
Tgt Ion: 94 Resp: 41077

Ion Ratio Lower Upper

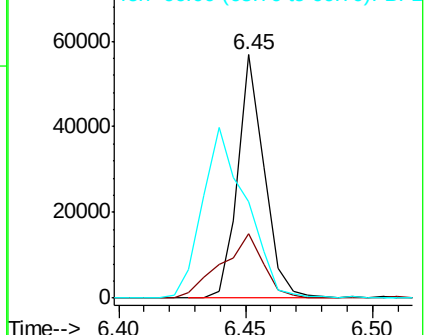
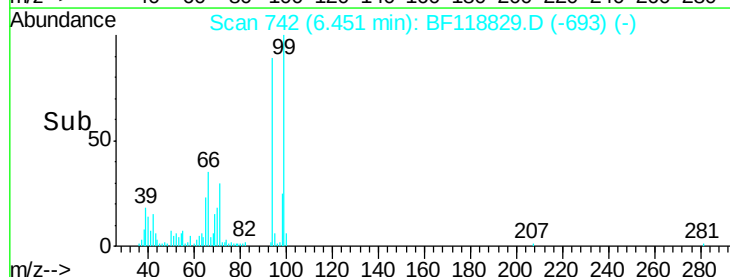
94 100

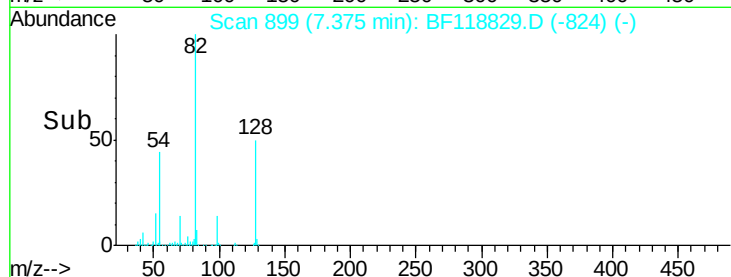
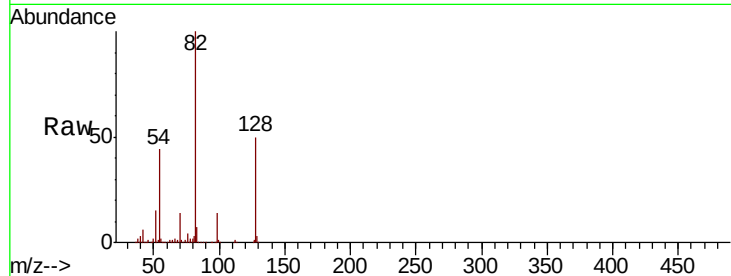
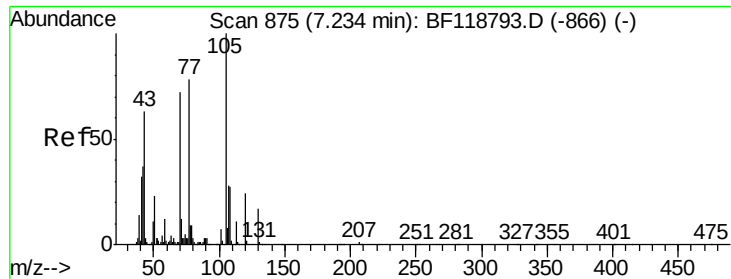
65 26.3 9.1 49.1

66 39.8 21.7 61.7



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

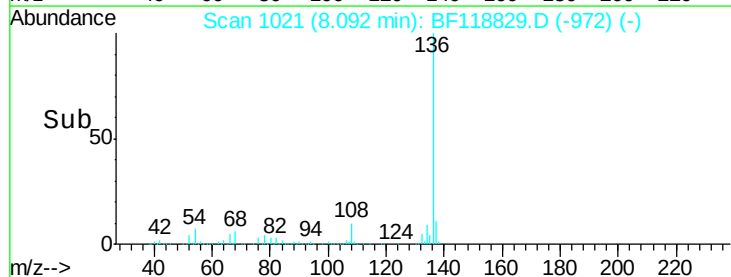
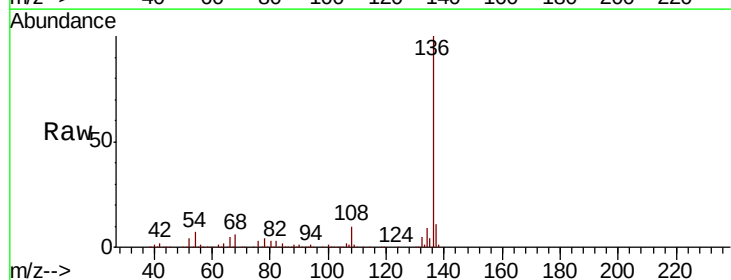
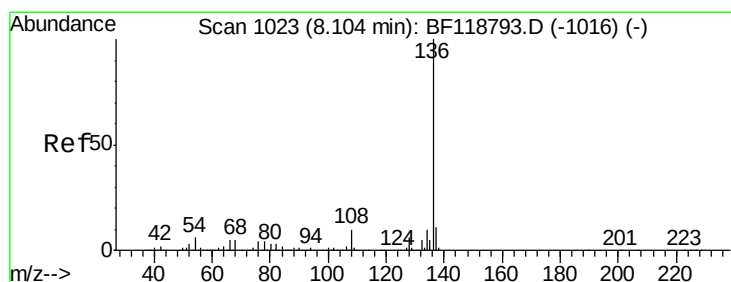
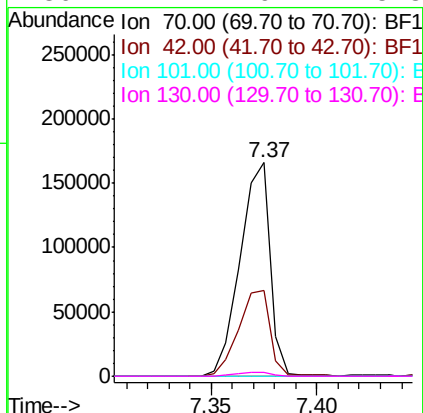




#19
n-Nitroso-di-n-propylamine
Concen: 19.489 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

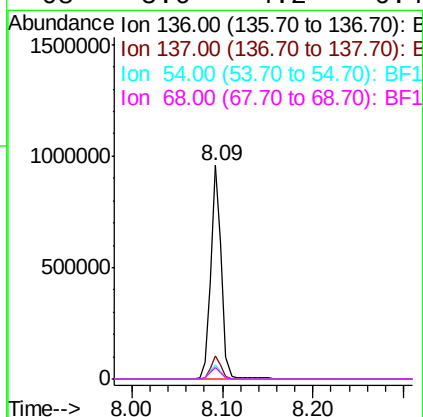
Instrument :
BNA_F
ClientSampleId :

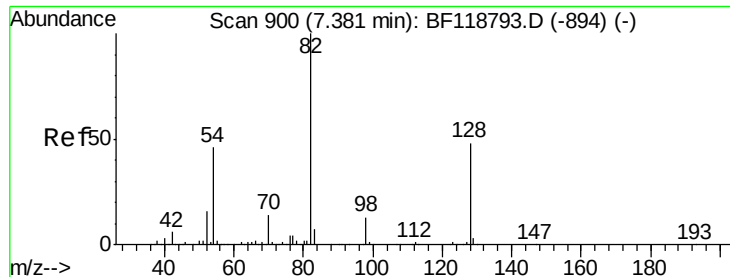
Tot Ion:	70	Resp:	164000
Ion	Ratio	Lower	Upper
70	100		
42	40.3	41.5	62.3#
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Tgt Ion:	136	Resp:	793840
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.0	7.6
68	5.6	4.2	6.4

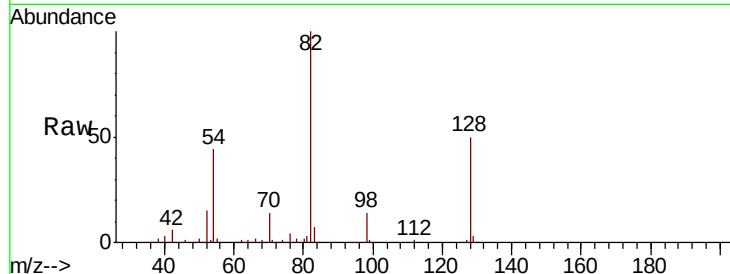




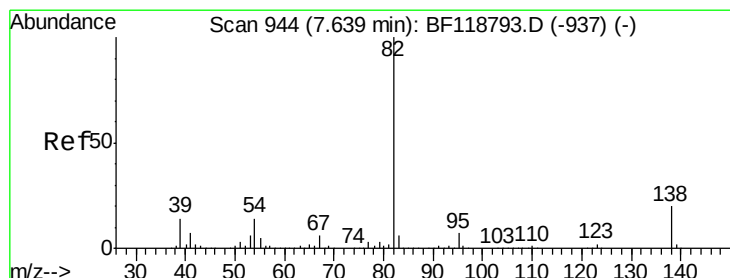
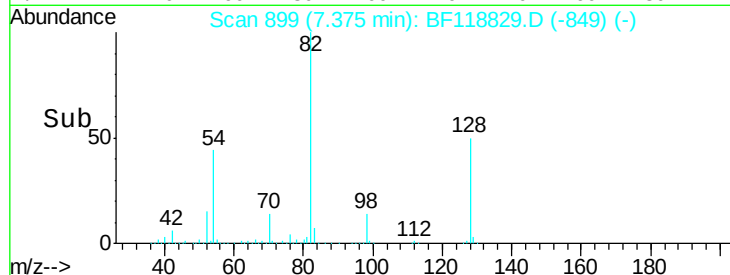
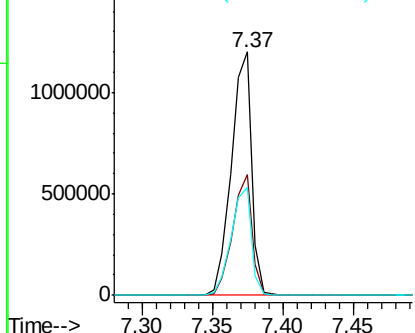
#23
 Nitrobenzene-d5
 Concen: 90.046 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1199264
 Ion Ratio Lower Upper
 82 100
 128 49.7 38.5 57.7
 54 44.1 36.7 55.1

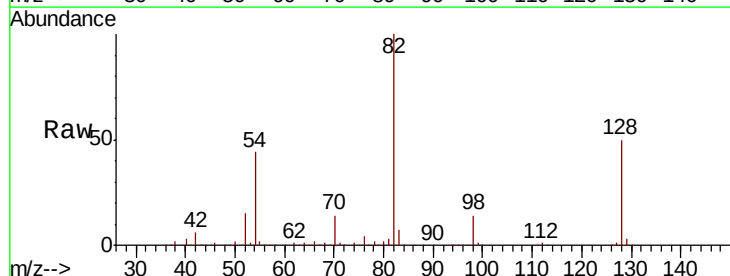


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

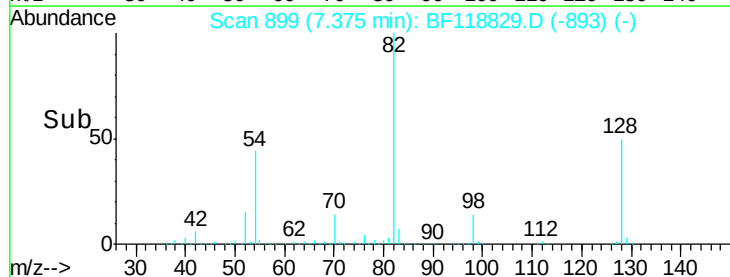
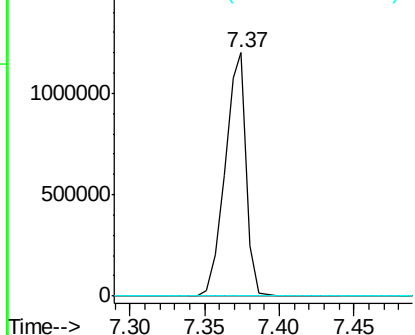


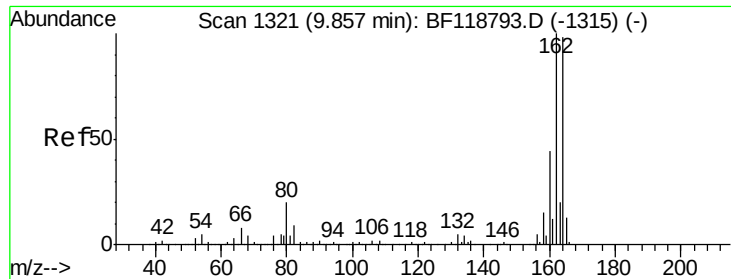
#25
 Isophorone
 Concen: 50.103 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Tgt Ion: 82 Resp: 1199253
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.0 9.0#
 138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

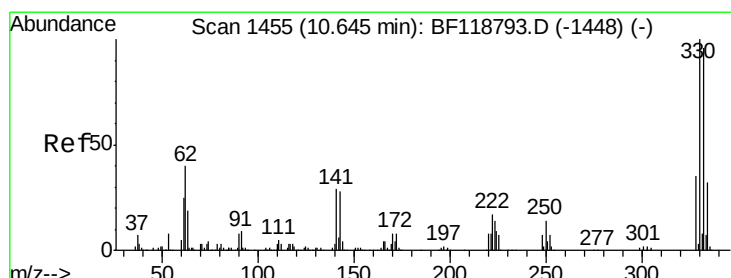
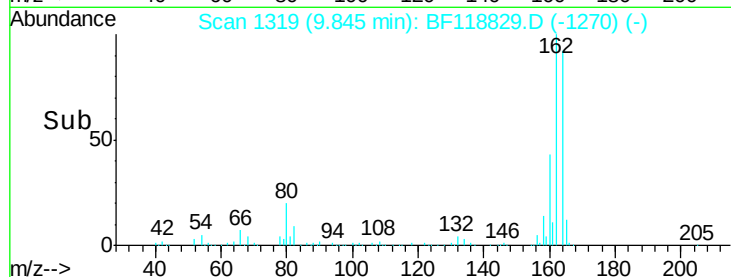
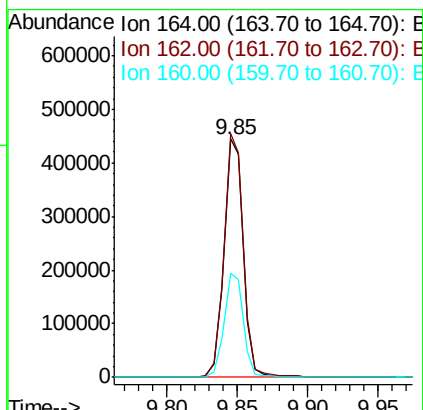
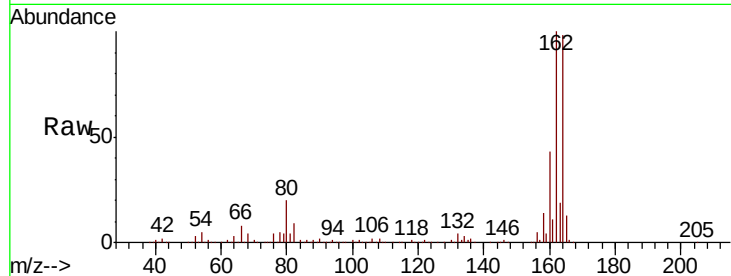




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

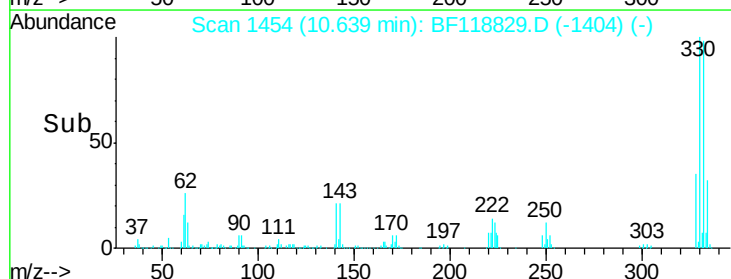
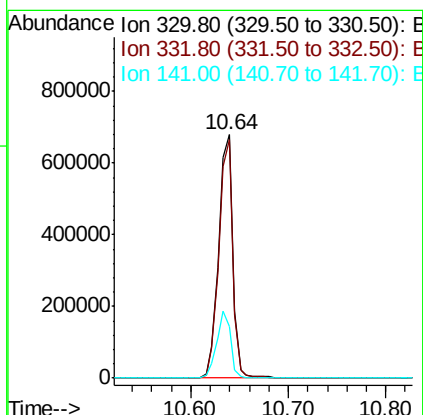
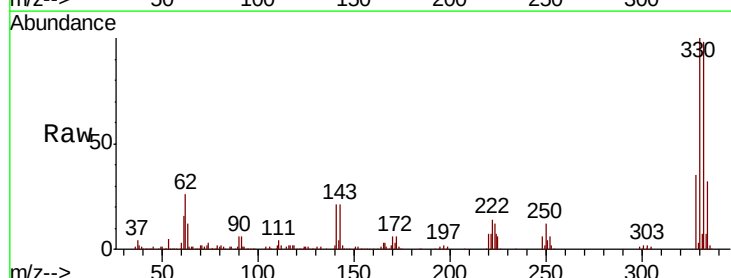
Instrument :
 BNA_F
 ClientSampleId :

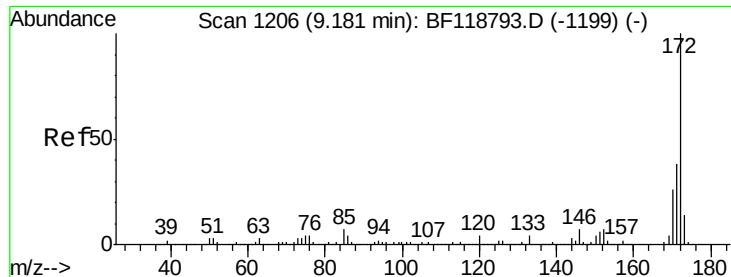
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.2
160	43.4	35.6	53.4



#42
 2,4,6-Tribromophenol
 Concen: 136.478 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	27.3	22.4	33.6



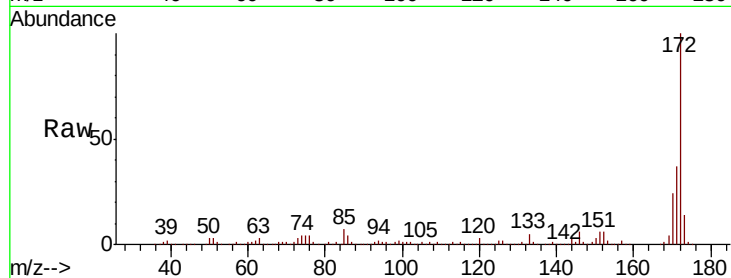


#45
 2-Fluorobiphenyl
 Concen: 100.457 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

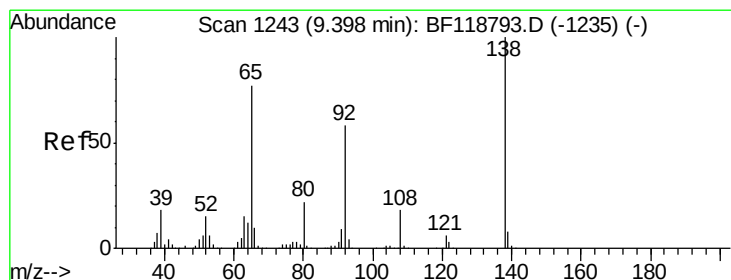
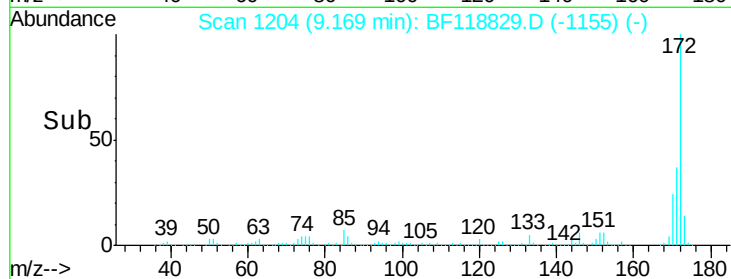
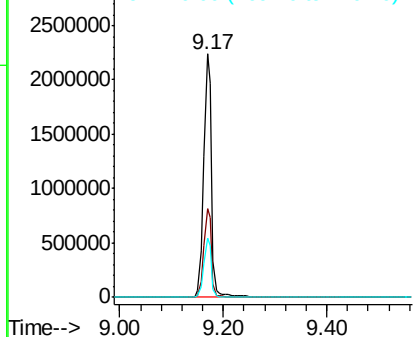
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2368314

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.4	20.5	30.7



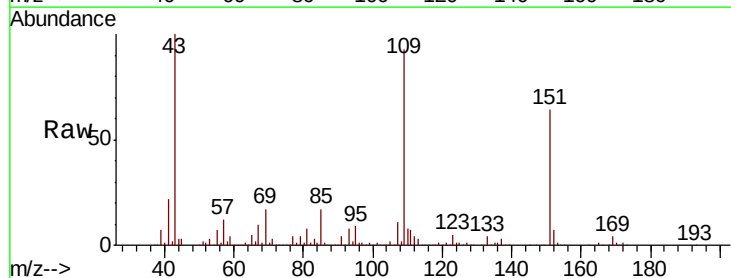
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



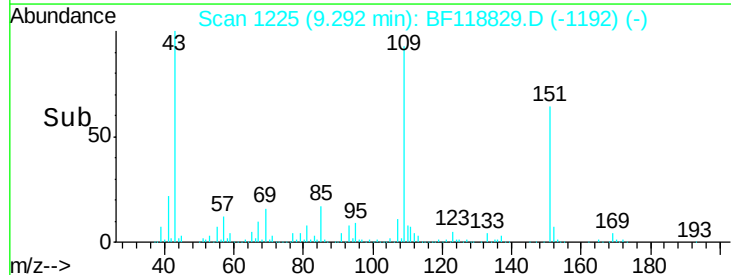
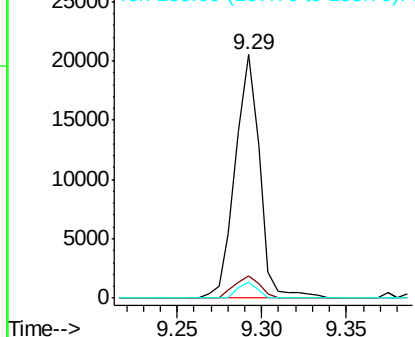
#48
 2-Nitroaniline
 Concen: 2.957 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.11 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

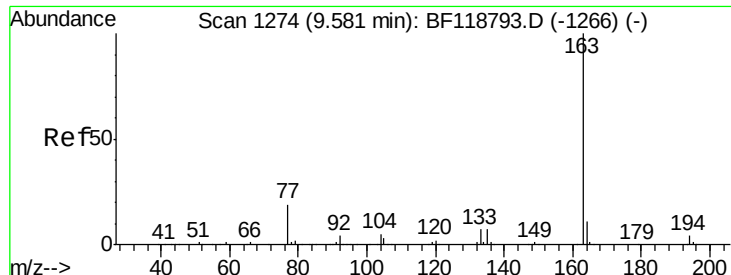
Tgt Ion: 65 Resp: 20673

Ion	Ratio	Lower	Upper
65	100		
92	9.0	60.6	91.0#
138	6.6	104.6	156.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

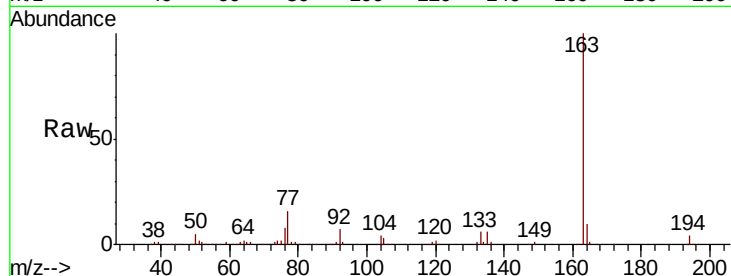




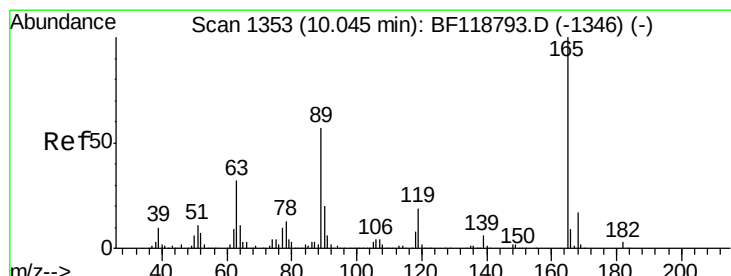
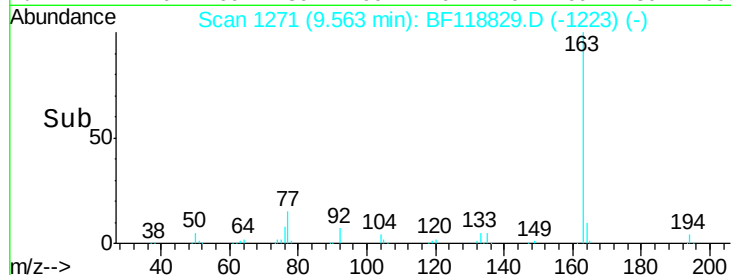
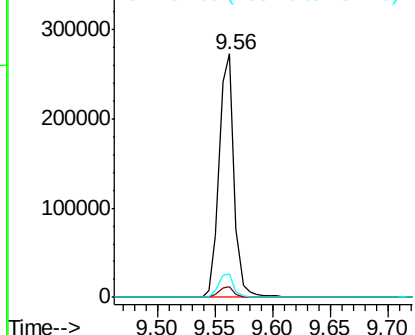
#50
Dimethylphthalate
Concen: 8.614 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 247210
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 9.6 8.7 13.1

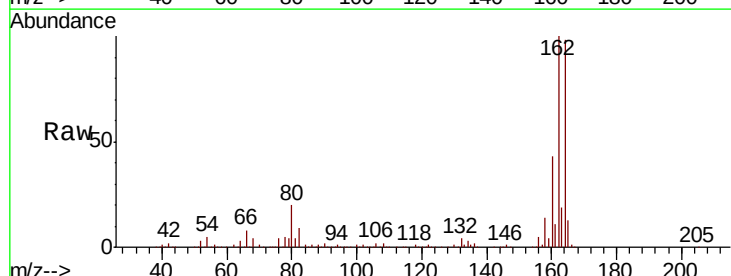


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

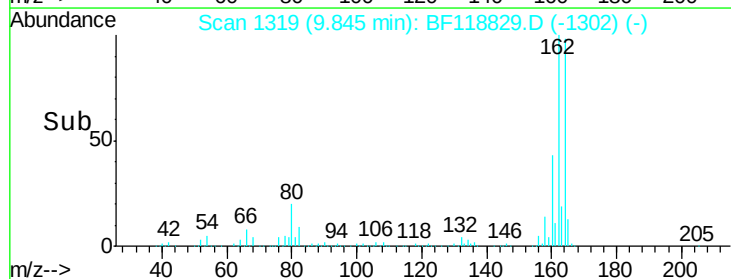
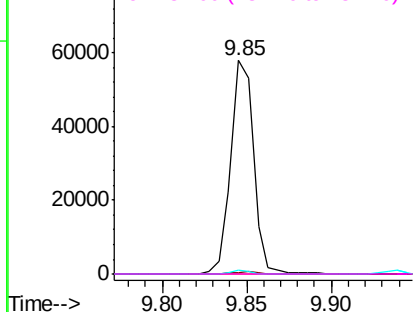


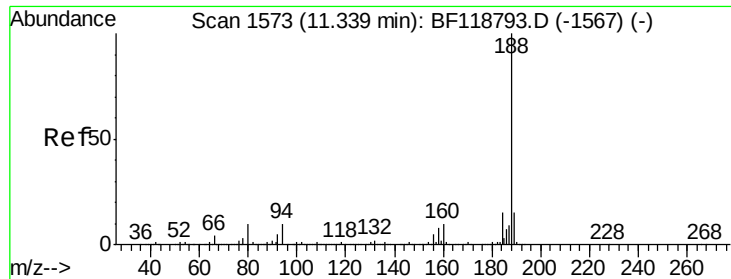
#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Tgt Ion:165 Resp: 54786
Ion Ratio Lower Upper
165 100
63 0.8 25.5 38.3#
89 1.7 45.4 68.0#
182 0.0 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

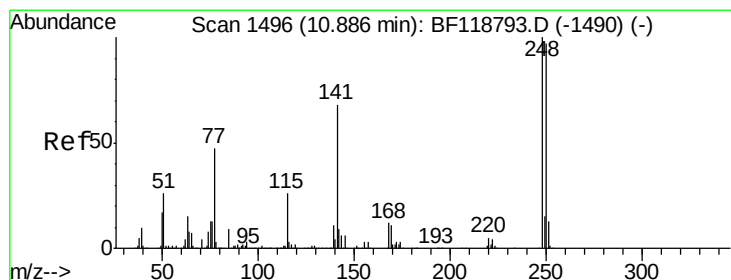
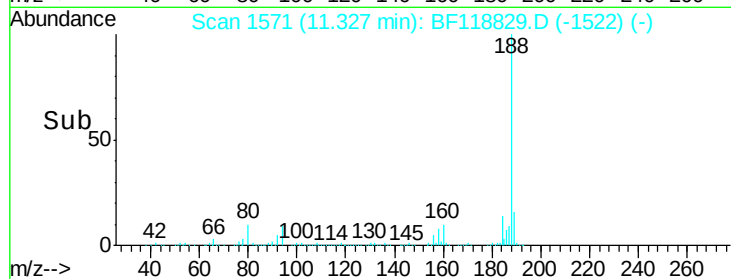
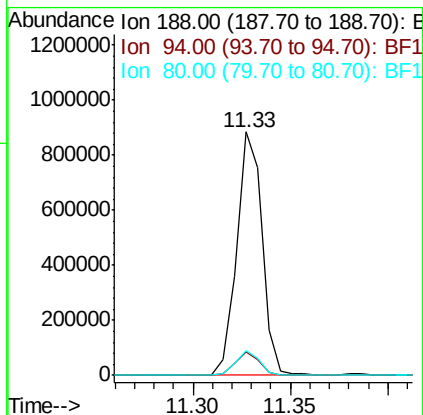
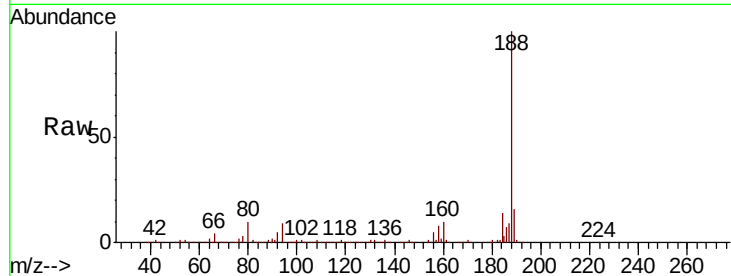




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

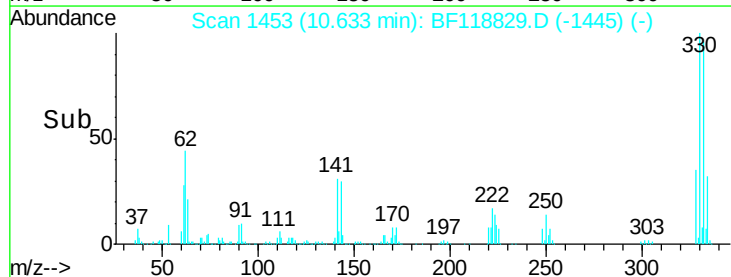
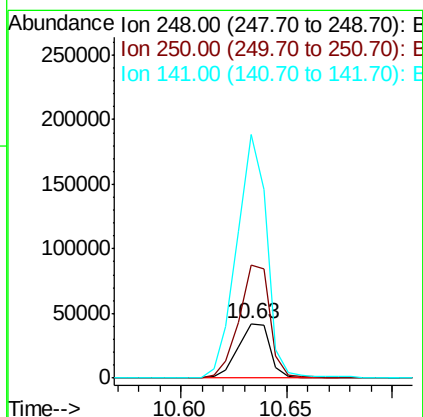
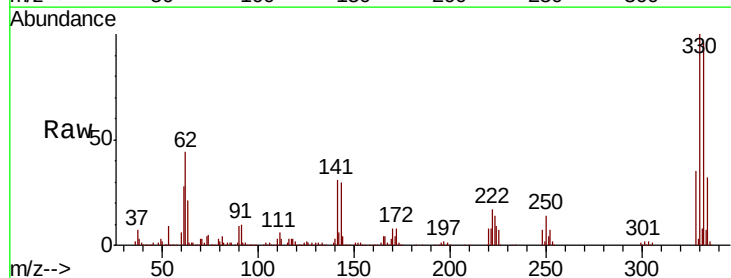
Instrument :
BNA_F
ClientSampled :

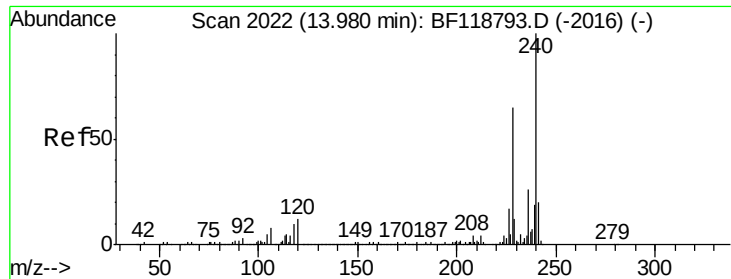
Tot Ion:188 Resp: 798524
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.1 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118829.D
Acq: 5 Feb 2020 15:01

Tgt Ion:248 Resp: 43900
Ion Ratio Lower Upper
248 100
250 206.3 77.6 116.4#
141 446.3 54.4 81.6#

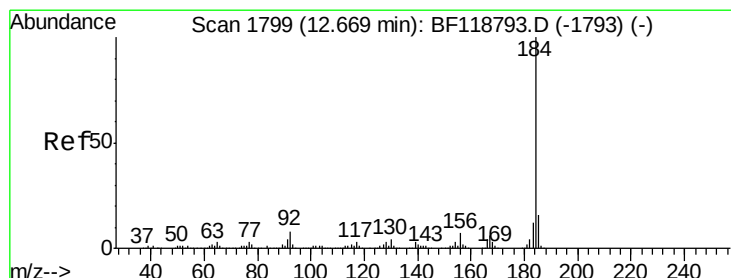
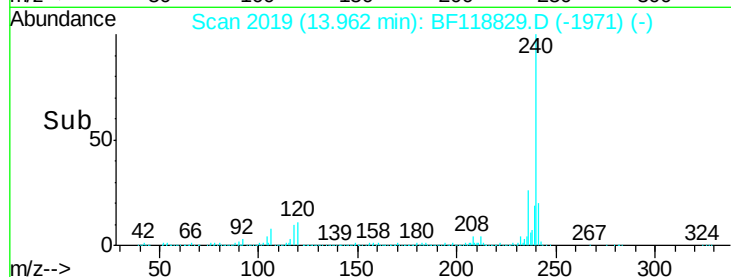
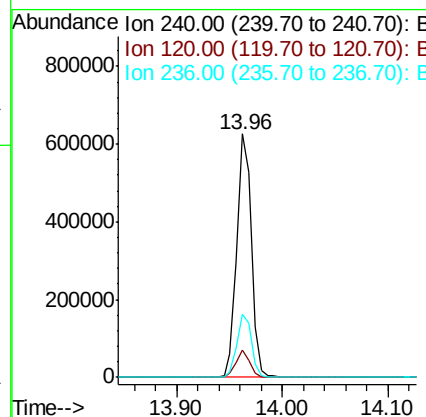
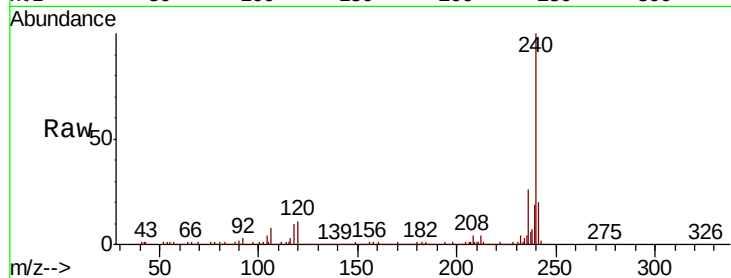




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

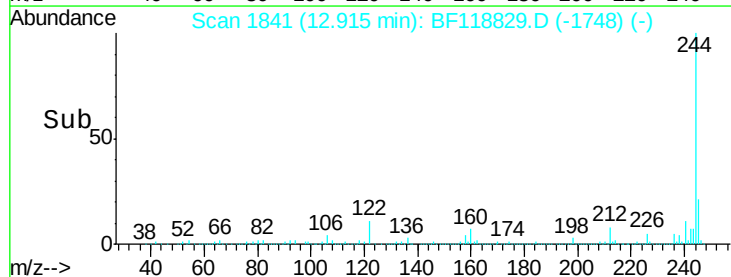
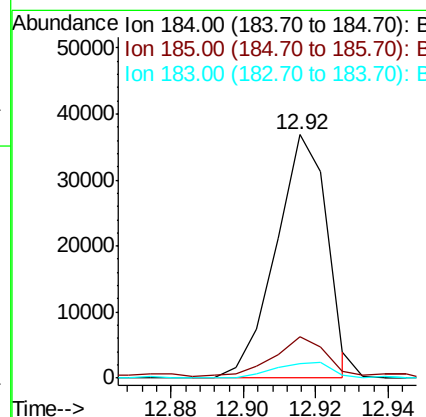
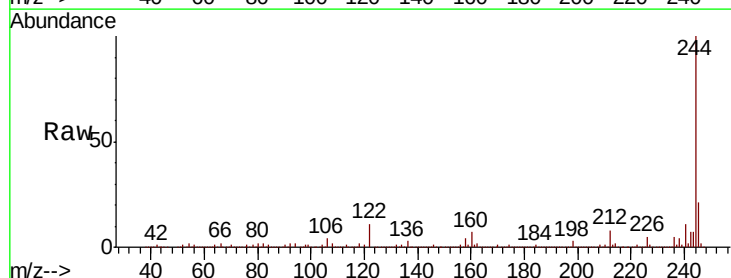
Instrument :
 BNA_F
 ClientSampleId :

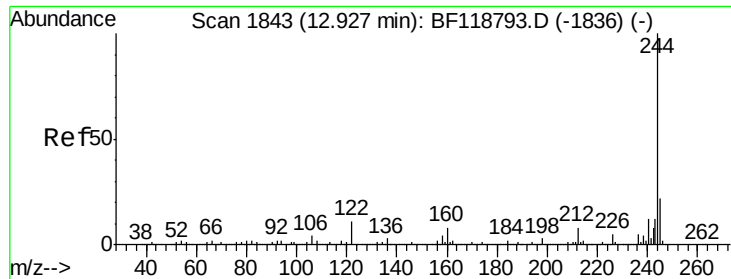
Tot Ion:240 Resp: 595347
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.4 14.0
 236 25.8 21.0 31.6



#77
 Benzidine
 Concen: 2.007 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.25 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Tgt Ion:184 Resp: 36131
 Ion Ratio Lower Upper
 184 100
 185 17.1 12.5 18.7
 183 6.2 9.7 14.5#



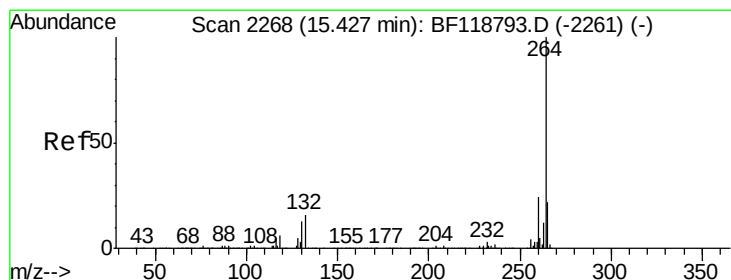
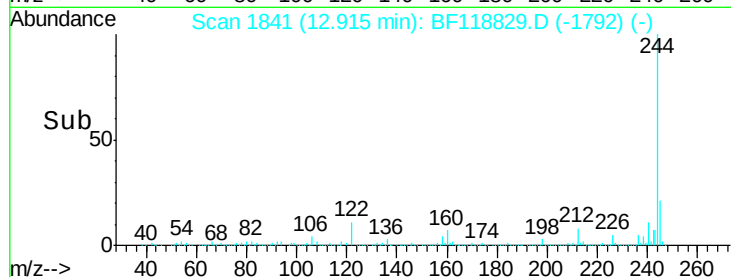
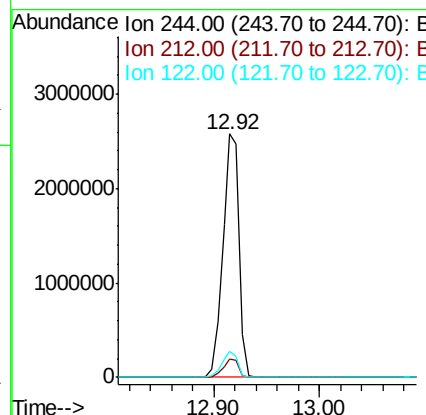
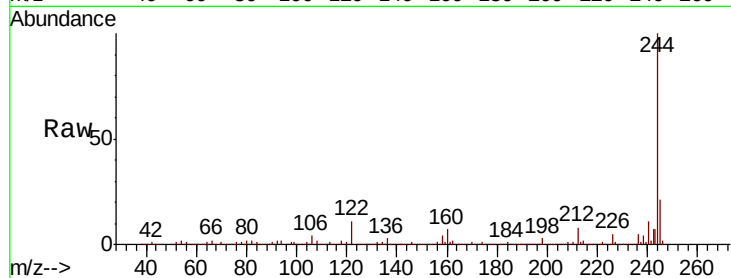


#79
 Terphenyl-d14
 Concen: 95.739 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2774927

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.9	8.9	13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF118829.D
 Acq: 5 Feb 2020 15:01

Tgt Ion:264 Resp: 661512

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.2	25.8

