

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118927.D
 Acq On : 13 Feb 2020 18:54
 Operator : CG/JU
 Sample : L1493-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:37:48 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

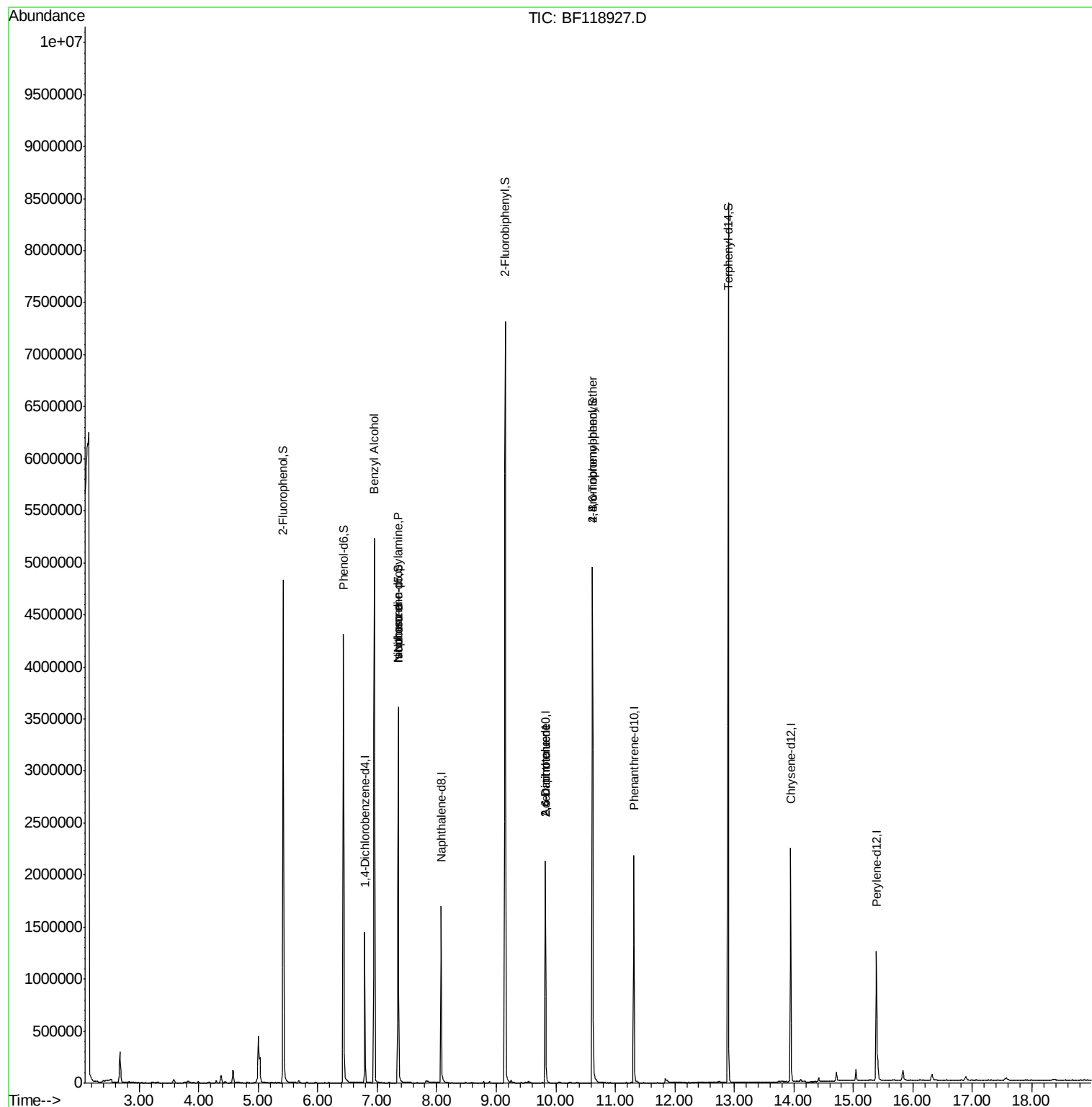
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	208758	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	800140	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	434636	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	856338	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	849736	20.00	ng	-0.04
87) Perylene-d12	15.39	264	636764	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1462737	132.63	ng	-0.01
7) Phenol-d6	6.43	99	1576619	115.17	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1282832	95.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	716421	137.76	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2446754	100.64	ng	-0.03
79) Terphenyl-d14	12.90	244	3361817	81.26	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.40	77	110	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.95	79	21657	2.047 ng	#	48
19) n-Nitroso-di-n-propylamine	7.36	70	175036	20.897 ng	#	75
25) Isophorone	7.36	82	1282815	53.172 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	57247	8.454 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	57248	6.388 ng	#	33
67) 4-Bromophenyl-phenylether	10.62	248	45333	4.475 ng	#	1

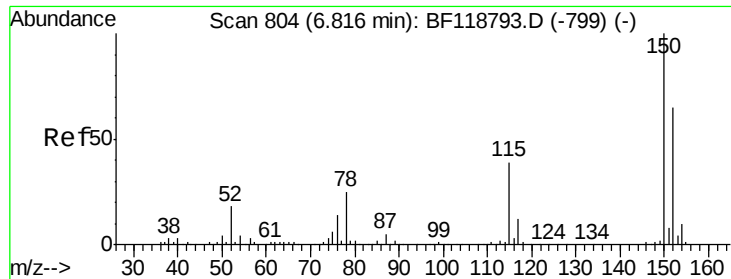
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



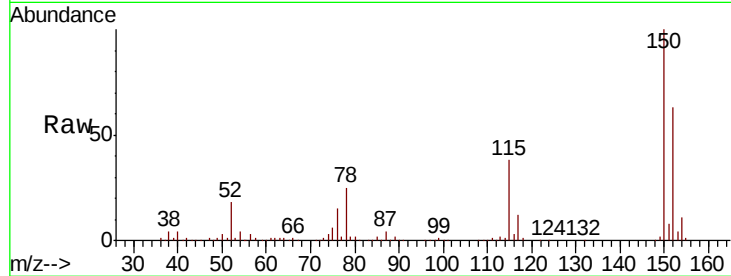


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.6	185.4
115	59.3	48.2	72.2

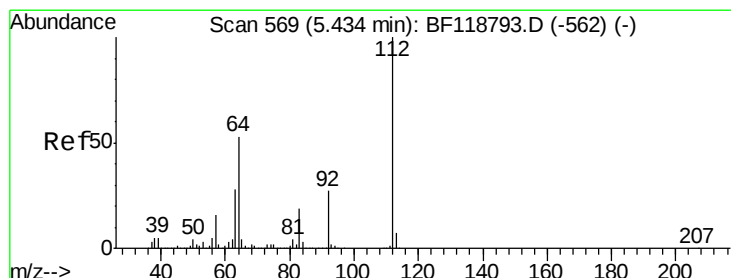
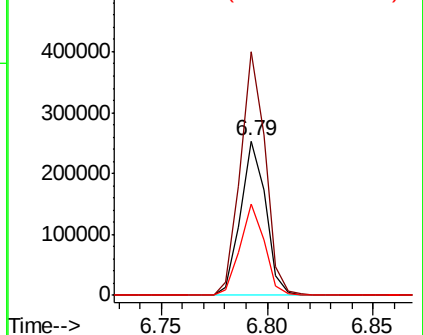
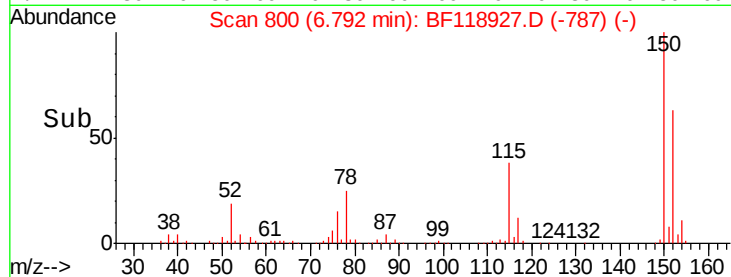


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

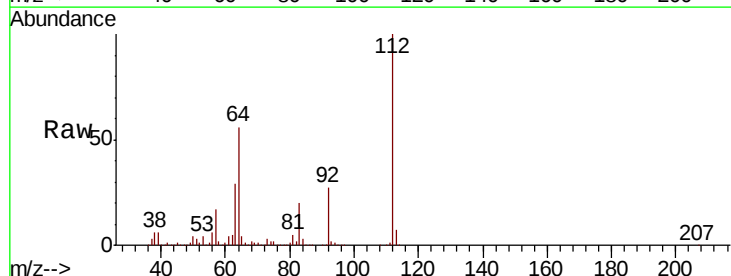
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.635 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.6	63.8
63	29.5	22.2	33.4

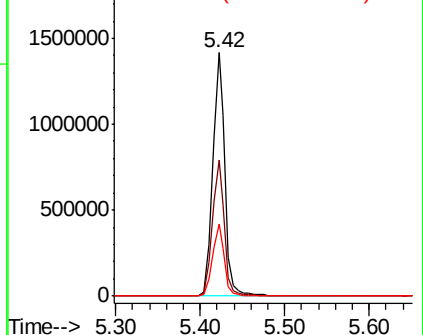
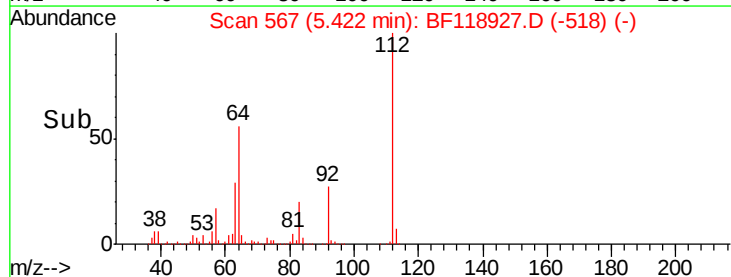


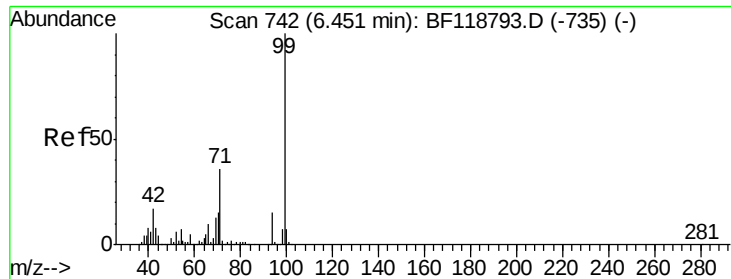
Abundance

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: 115.165 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

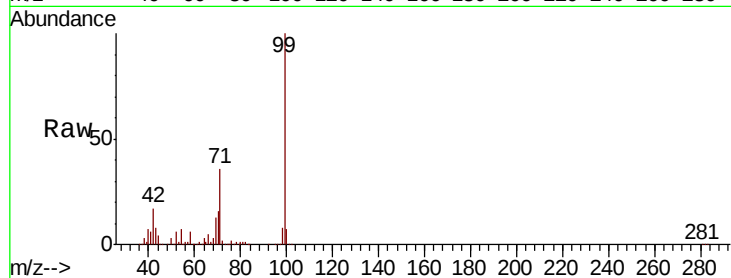
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1576619

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.0	29.0	43.6

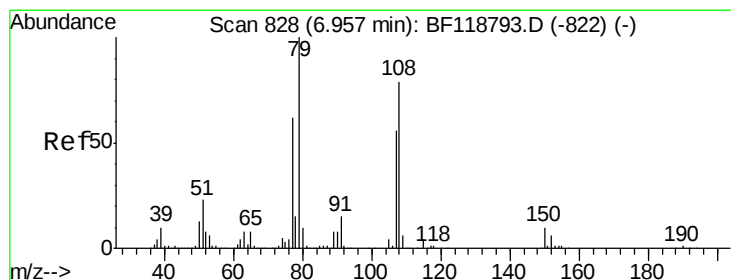
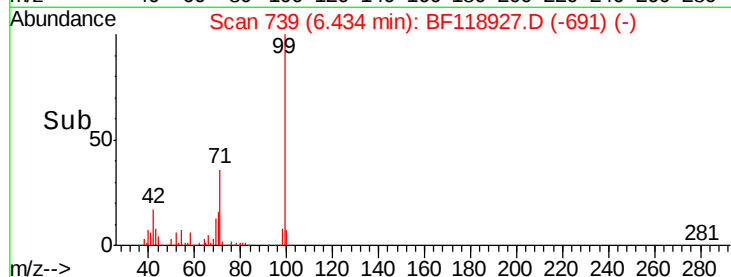
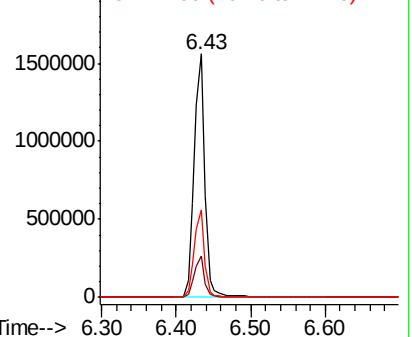


Abundance

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



#15

Benzyl Alcohol

Concen: 2.047 ng

RT: 6.95 min Scan# 827

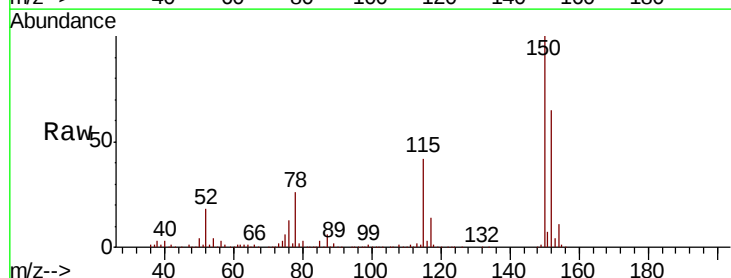
Delta R.T. -0.01 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Tgt Ion: 79 Resp: 21657

Ion	Ratio	Lower	Upper
79	100		
108	32.1	62.9	94.3#
77	101.4	50.0	75.0#

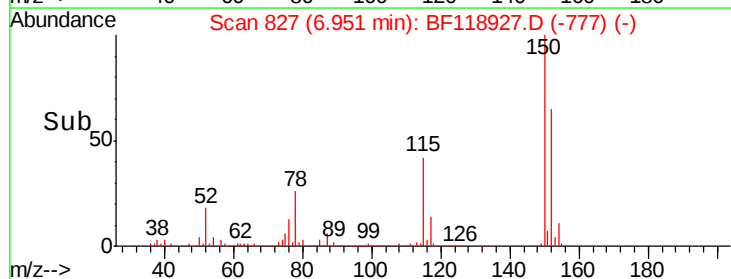
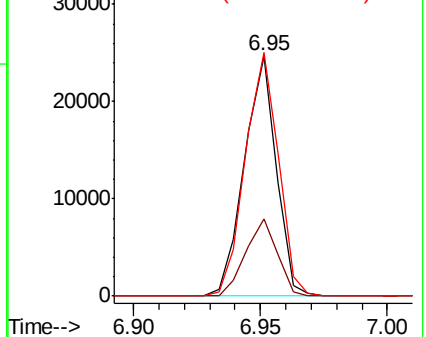


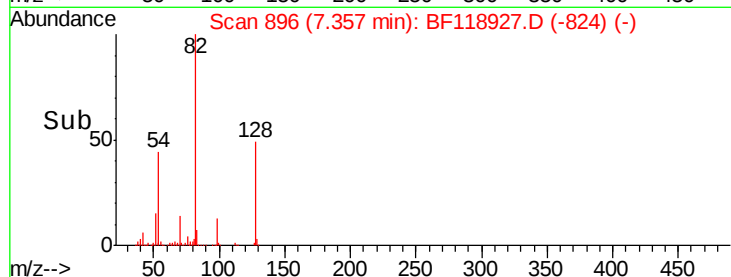
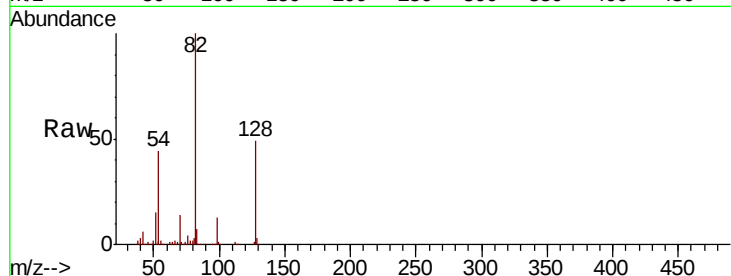
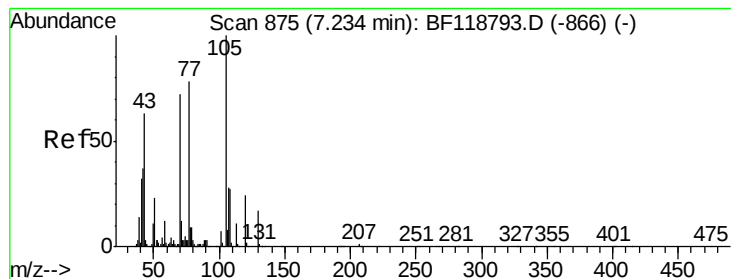
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 20.897 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 175036

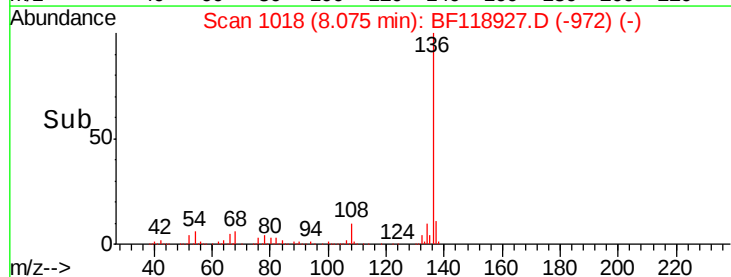
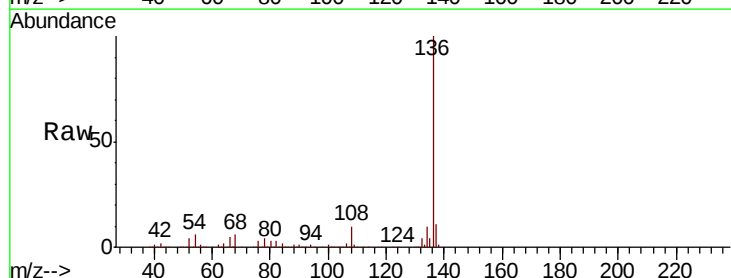
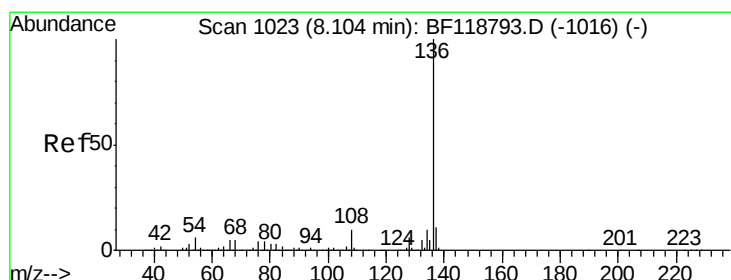
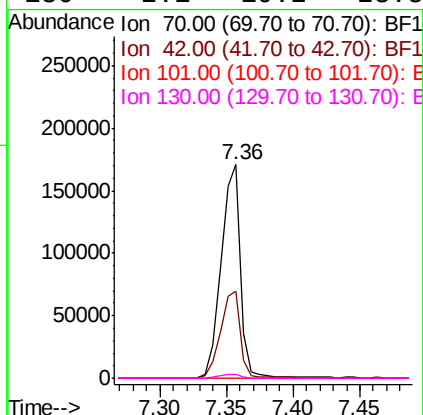
Ion Ratio Lower Upper

70 100

42 41.1 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: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Tgt Ion: 136 Resp: 800140

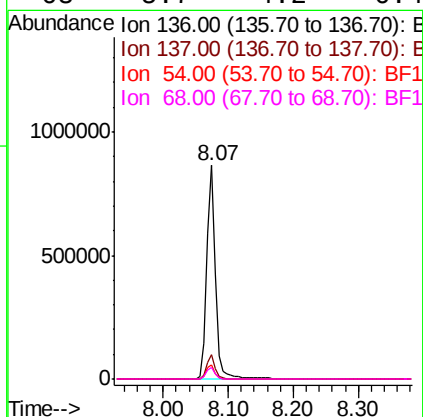
Ion Ratio Lower Upper

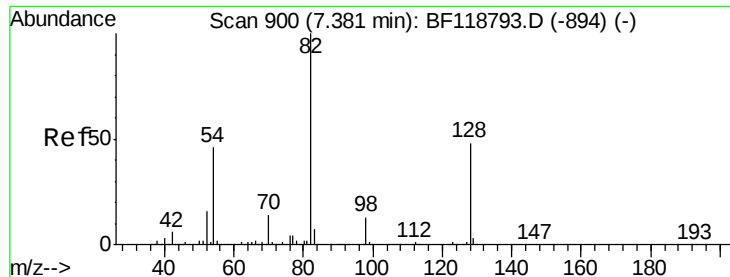
136 100

137 11.1 8.7 13.1

54 6.5 5.0 7.6

68 5.7 4.2 6.4

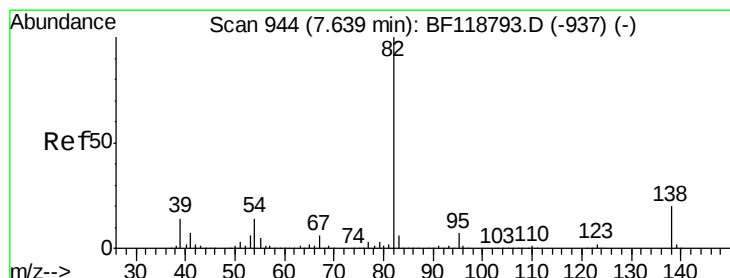
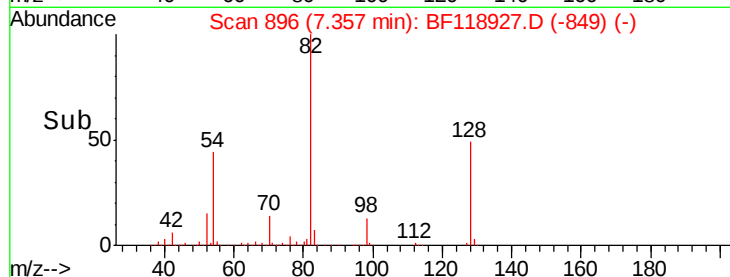
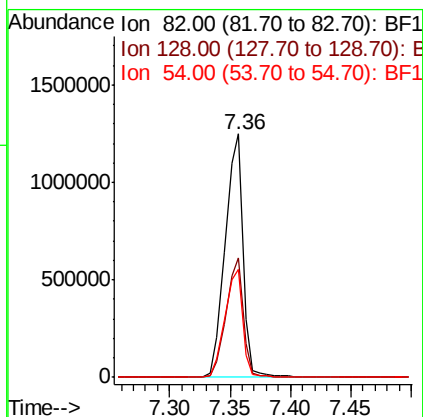
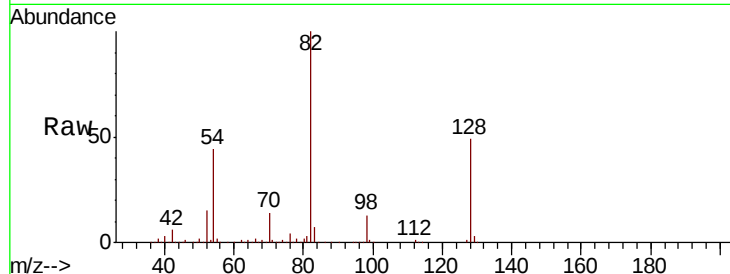




#23
Nitrobenzene-d5
Concen: 95.562 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

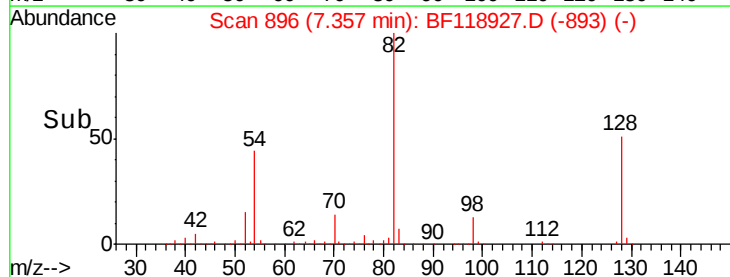
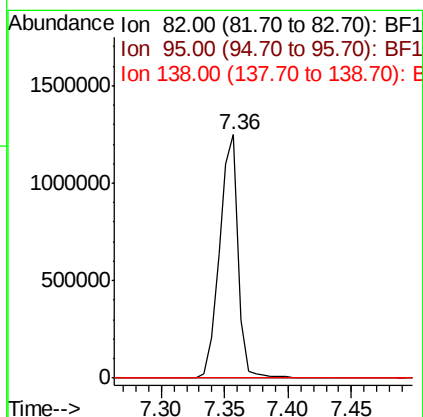
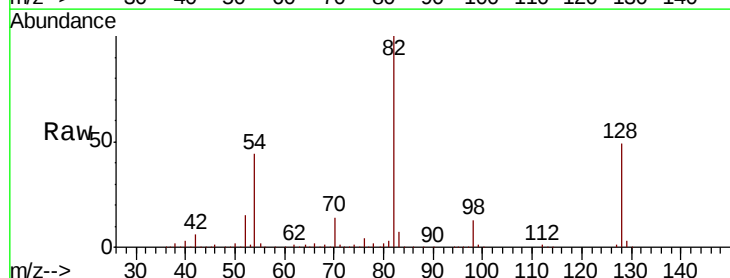
Instrument :
BNA_F
ClientSampleId :

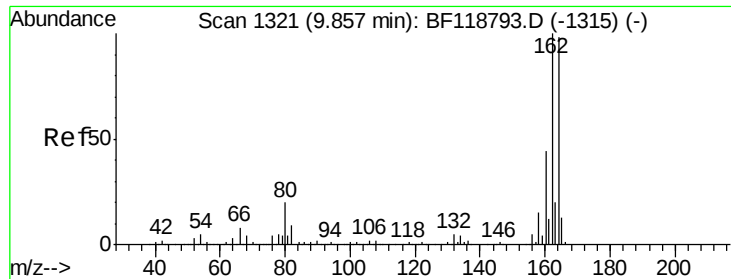
Tot Ion: 82 Resp: 1282832
Ion Ratio Lower Upper
82 100
128 49.2 38.5 57.7
54 44.5 36.7 55.1



#25
Isophorone
Concen: 53.172 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Tgt Ion: 82 Resp: 1282815
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#

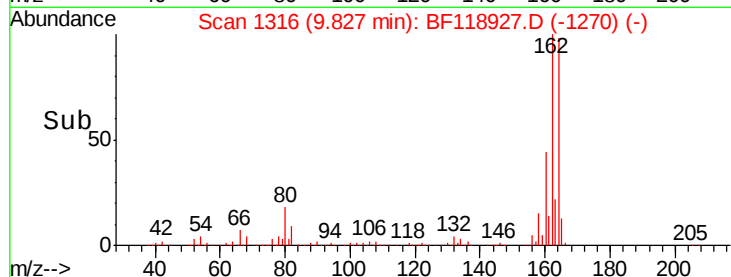
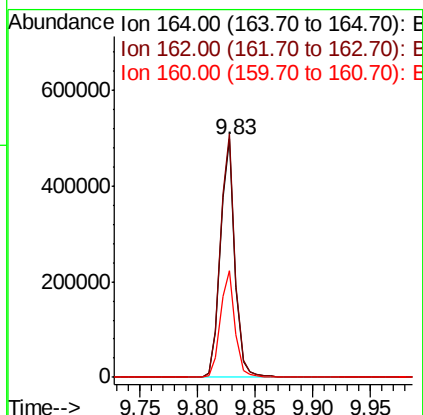
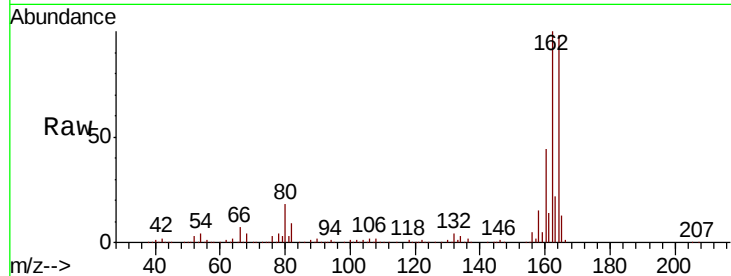




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

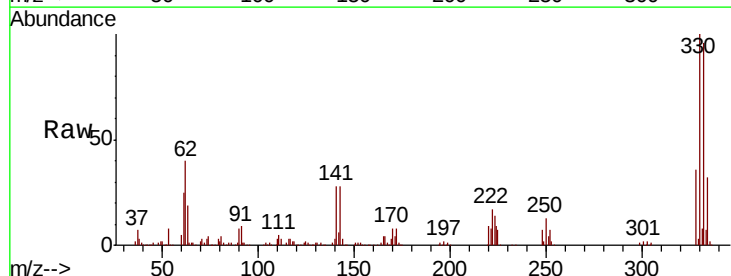
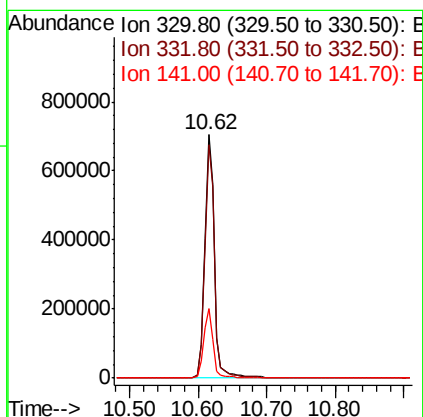
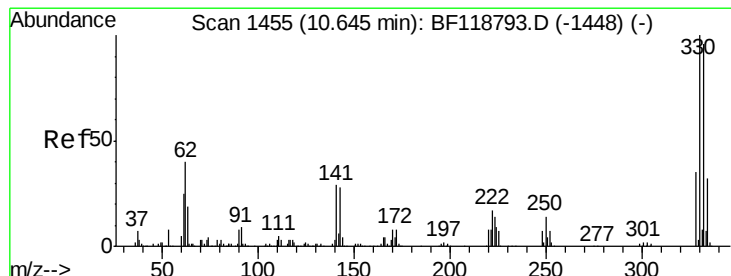
Instrument :
 BNA_F
 ClientSampleId :

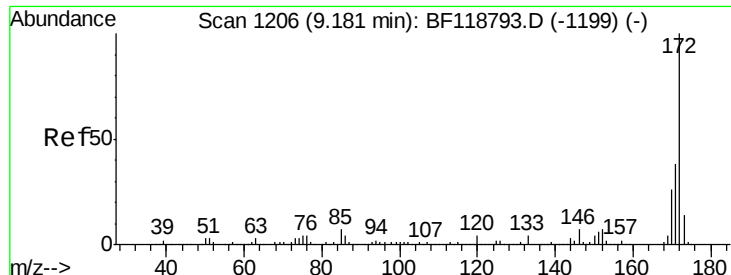
Tot Ion:164 Resp: 434636
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.4 122.2
 160 44.7 35.6 53.4



#42
 2,4,6-Tribromophenol
 Concen: 137.759 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Tgt Ion:330 Resp: 716421
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 27.9 22.4 33.6



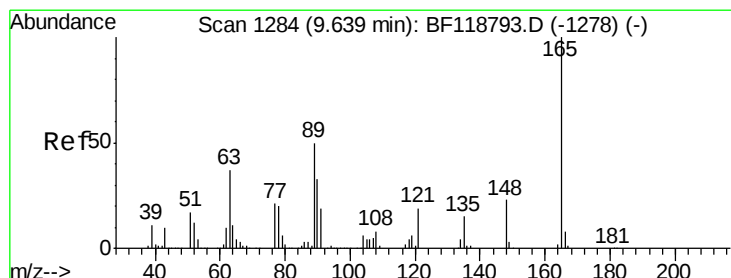
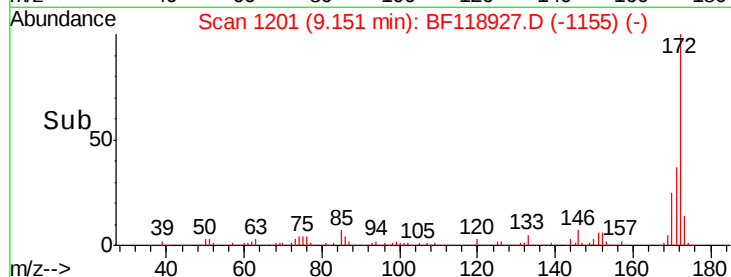
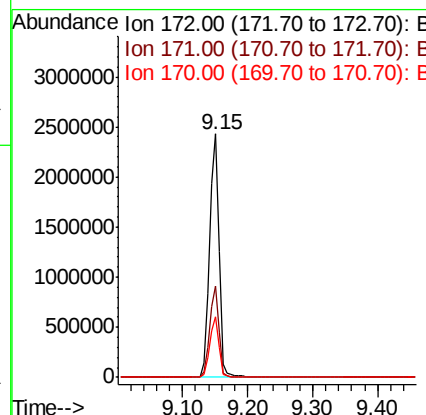
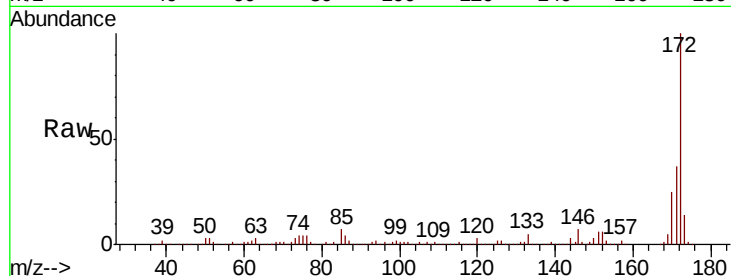


#45
 2-Fluorobiphenyl
 Concen: 100.637 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2446754

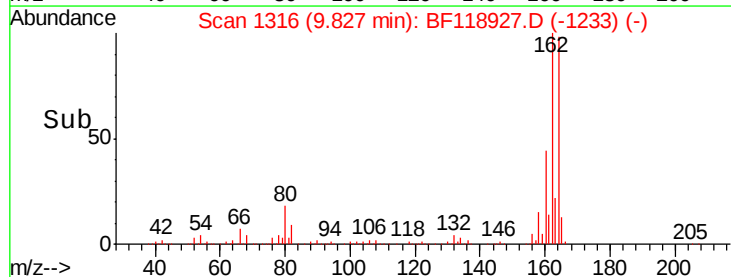
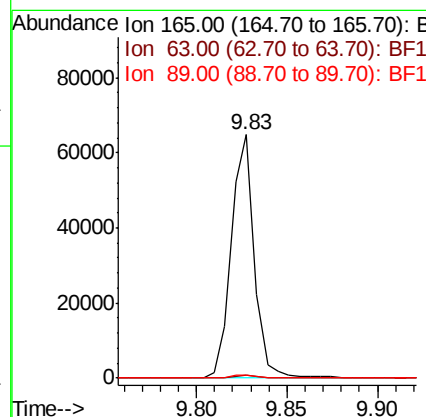
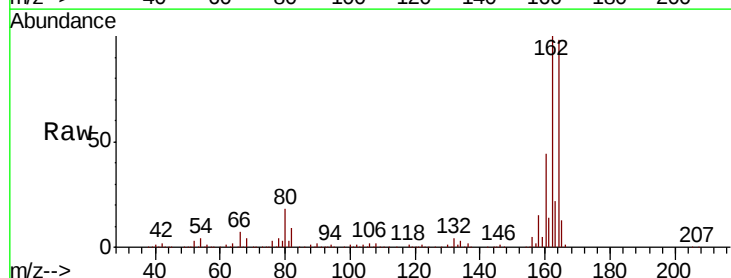
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.1	20.5	30.7

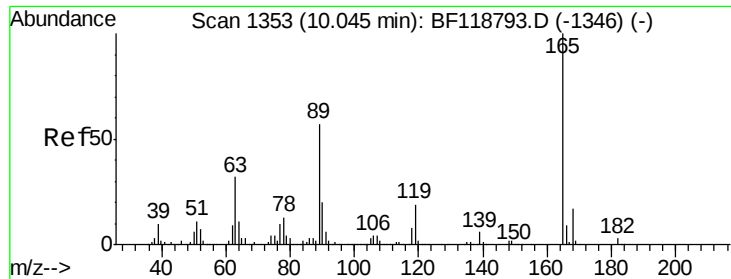


#51
 2,6-Dinitrotoluene
 Concen: 8.454 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Tgt Ion:165 Resp: 57247

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.0	39.7	59.5#

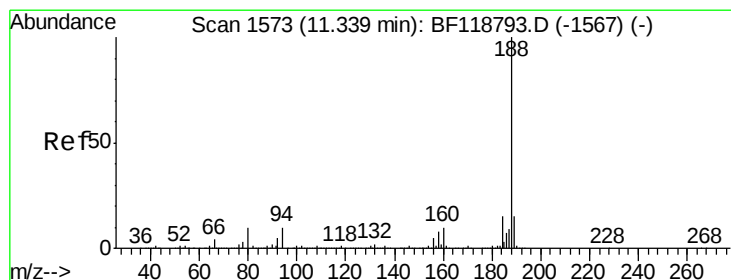
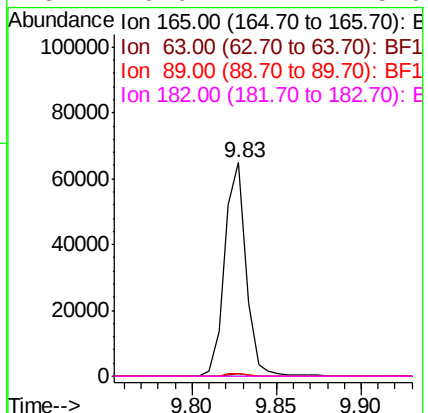
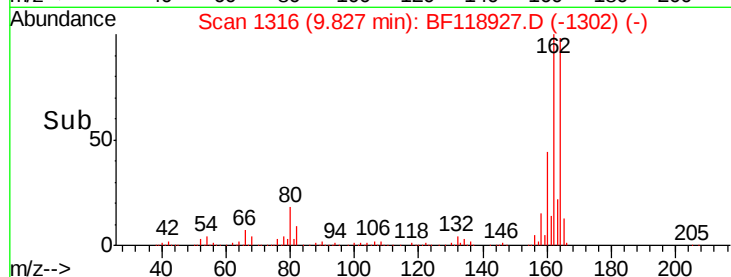
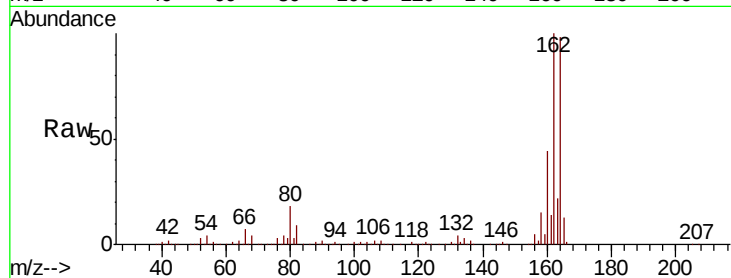




#57
 2,4-Dinitrotoluene
 Concen: 6.388 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

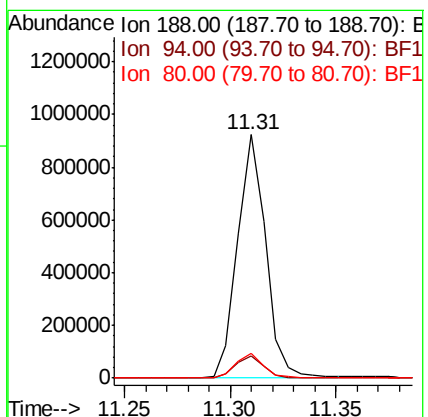
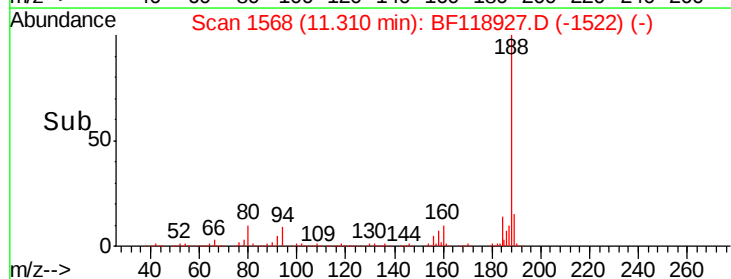
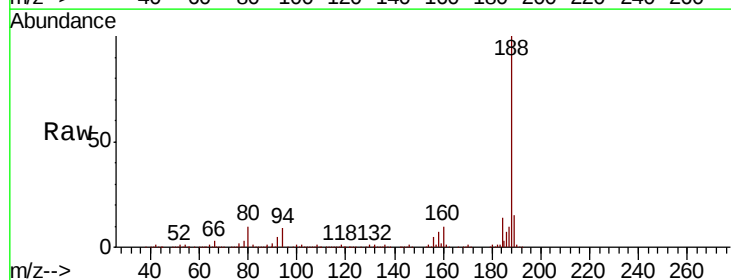
Instrument :
 BNA_F
 ClientSampleId :

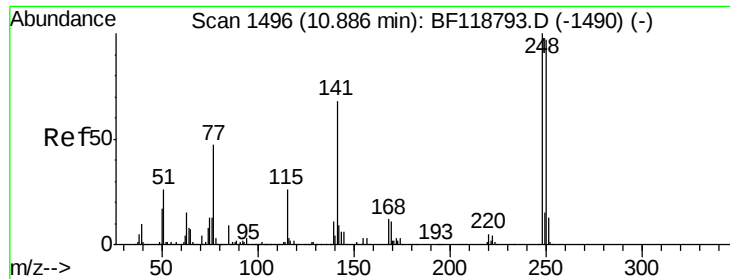
Tot Ion:165 Resp: 57248
 Ion Ratio Lower Upper
 165 100
 63 1.0 25.5 38.3#
 89 1.0 45.4 68.0#
 182 0.0 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Tgt Ion:188 Resp: 856338
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.9 11.9
 80 10.0 8.4 12.6

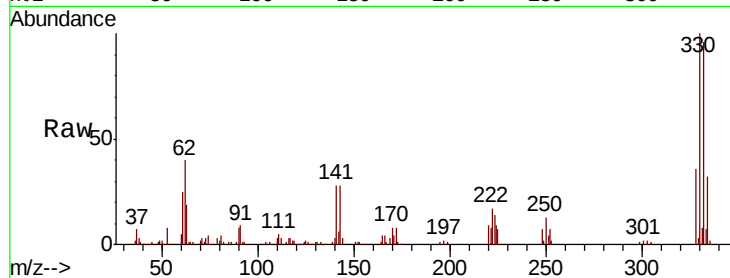




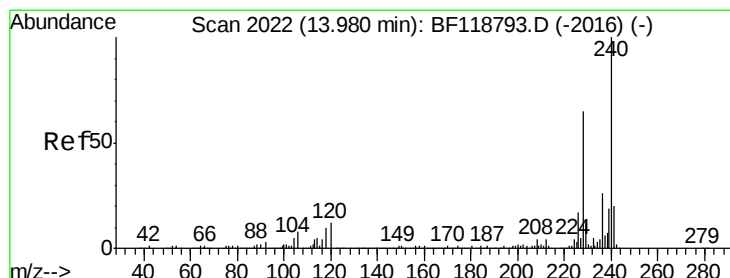
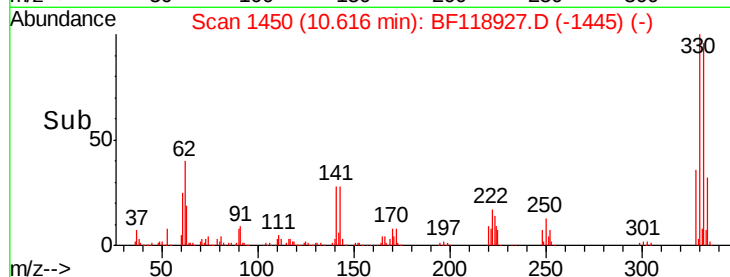
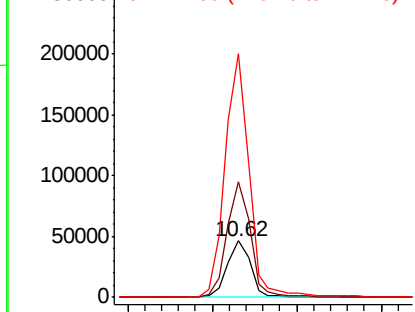
#67
4-Bromophenyl-phenylether
Concen: 4.475 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.27 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 45333
Ion Ratio Lower Upper
248 100
250 204.7 77.6 116.4#
141 431.7 54.4 81.6#

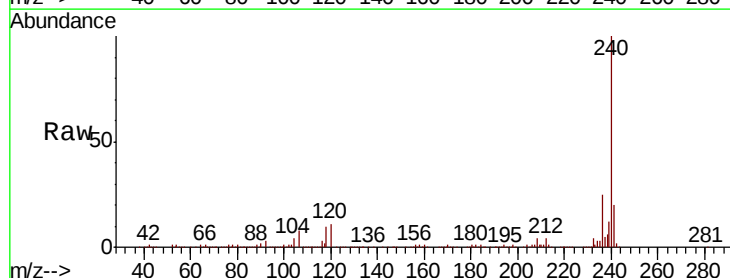


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

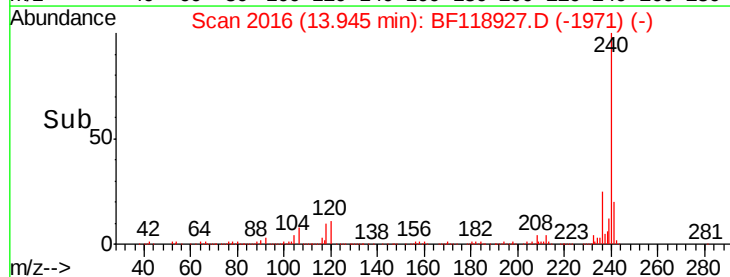
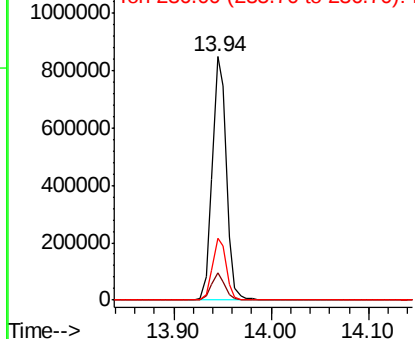


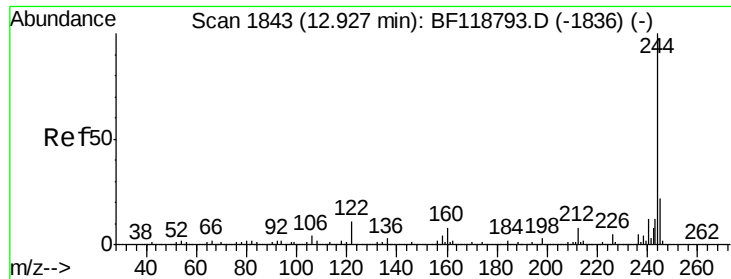
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Tgt Ion:240 Resp: 849736
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.4 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.264 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

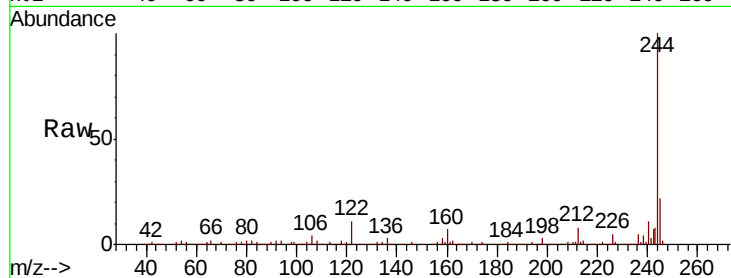
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3361817

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.6	8.9	13.3

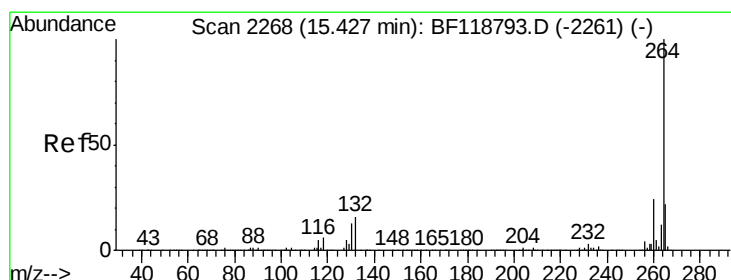
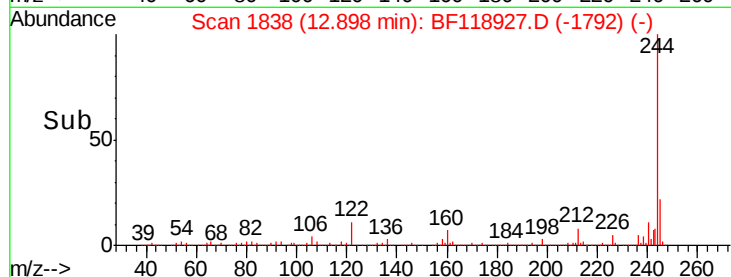
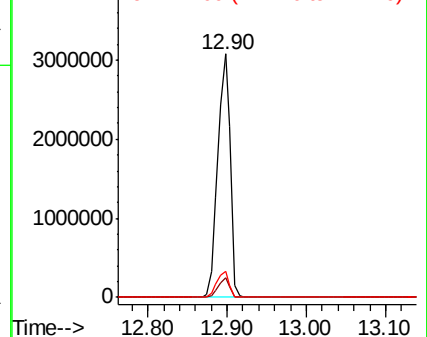


Abundance

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: 20.000 ng

RT: 15.39 min Scan# 2261

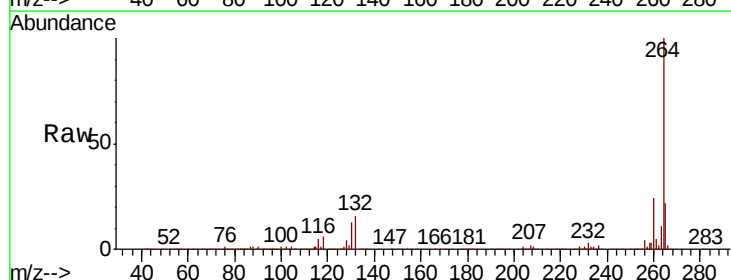
Delta R.T. -0.04 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Tgt Ion:264 Resp: 636764

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.2	25.8



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

