

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117810.D
 Acq On : 15 Nov 2019 18:35
 Operator : JU
 Sample : K5861-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:41:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	216772	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	853177	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	455875	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	864311	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	642184	20.00	ng	0.00
87) Perylene-d12	15.62	264	658208	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1059557	86.52	ng	0.00
7) Phenol-d6	6.53	99	1355022	91.74	ng	-0.01
23) Nitrobenzene-d5	7.47	82	824480	57.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	409548	84.86	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1611536	63.42	ng	0.00
79) Terphenyl-d14	13.05	244	1971524	56.11	ng	0.00

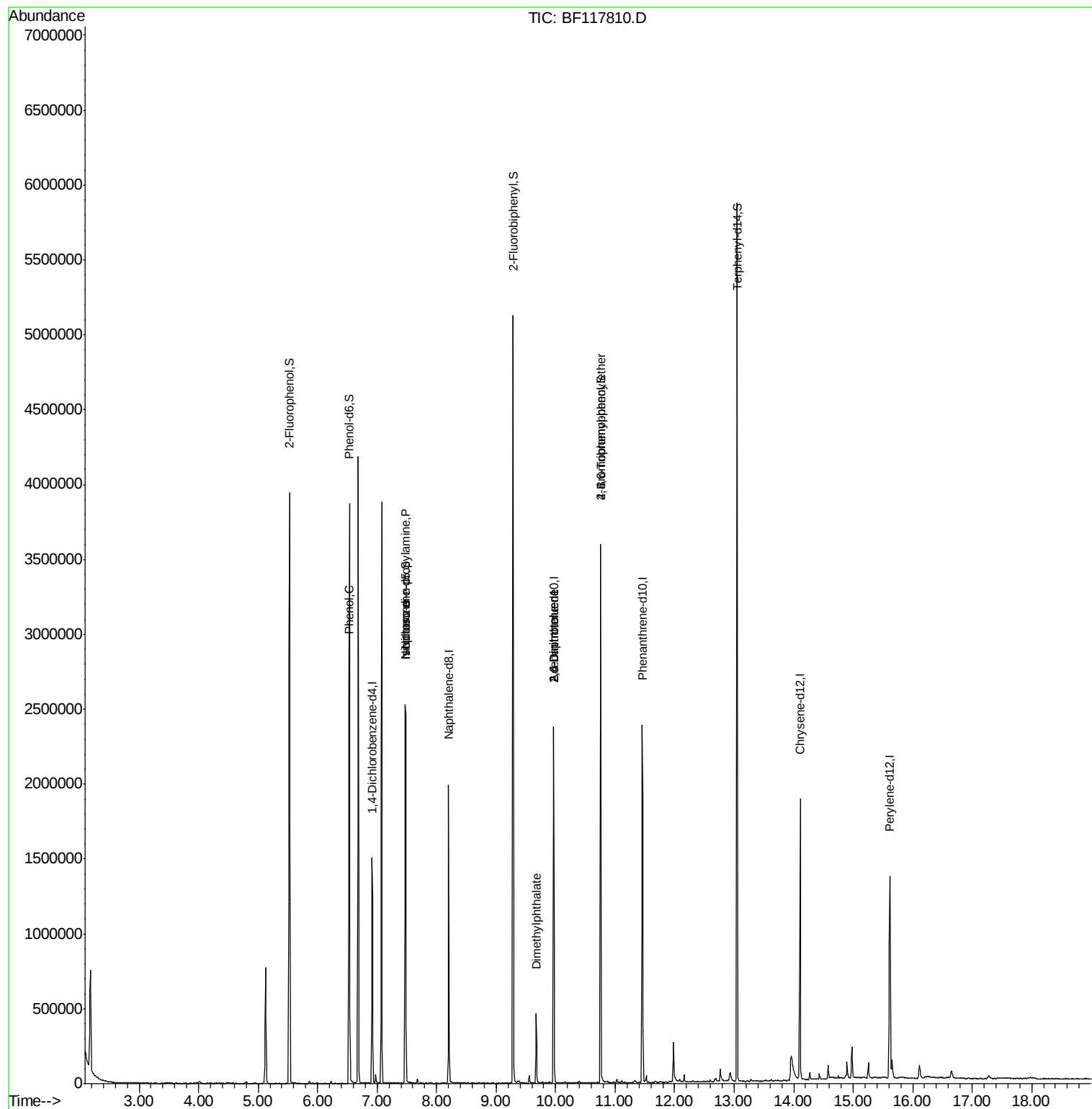
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2465	Below Cal		# 1
10) Phenol	6.55	94	62497	4.072	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	111967	12.287	ng	# 76
25) Isophorone	7.47	82	824474	31.342	ng	# 62
50) Dimethylphthalate	9.67	163	167051	5.226	ng	97
51) 2,6-Dinitrotoluene	9.97	165	58777	8.413	ng	# 23
57) 2,4-Dinitrotoluene	9.97	165	58777	6.613	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	26236	2.813	ng	# 1
75) Fluoranthene	12.67	202	4152	Below Cal		95

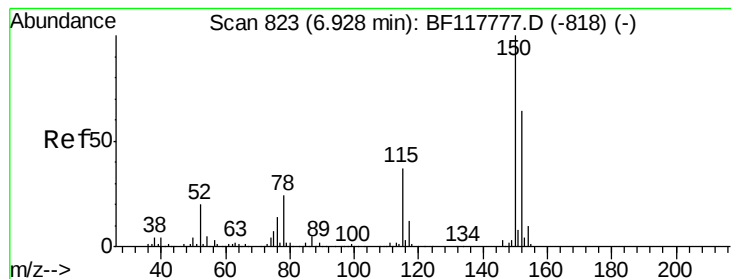
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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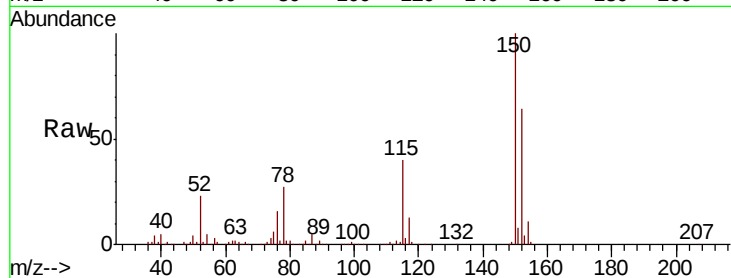


#1

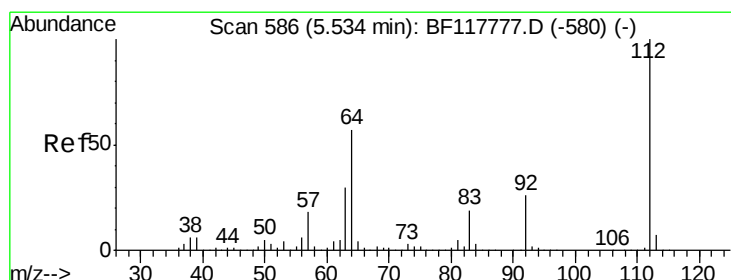
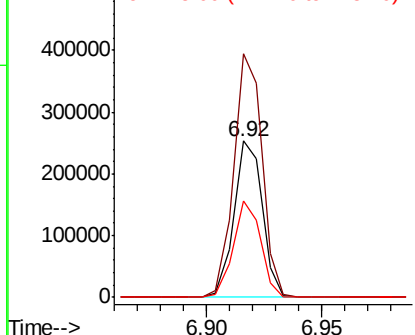
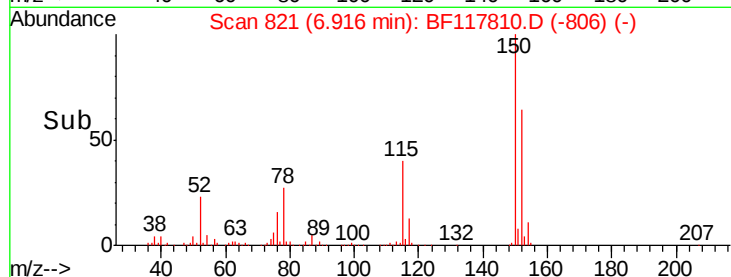
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 216772
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 62.0 47.0 70.4



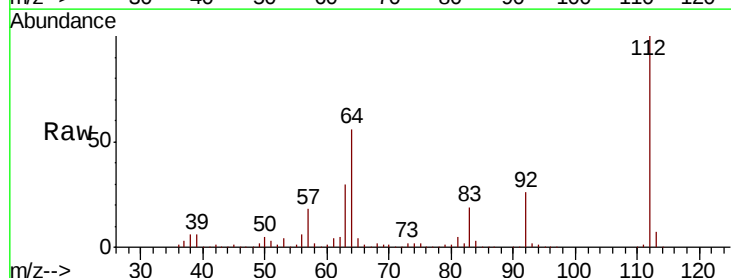
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



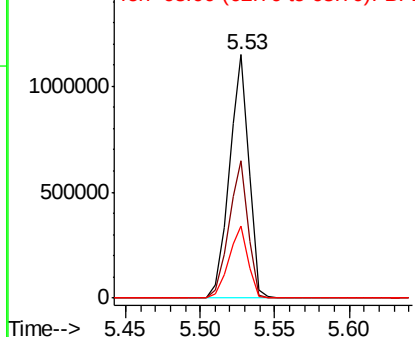
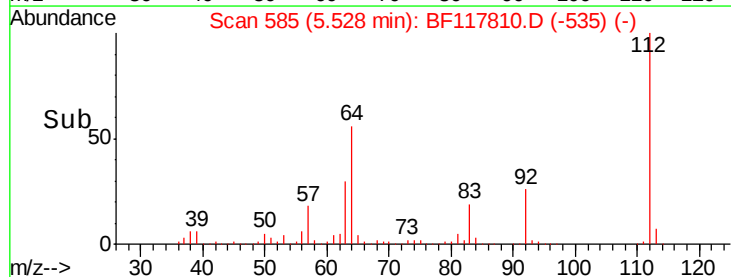
#5

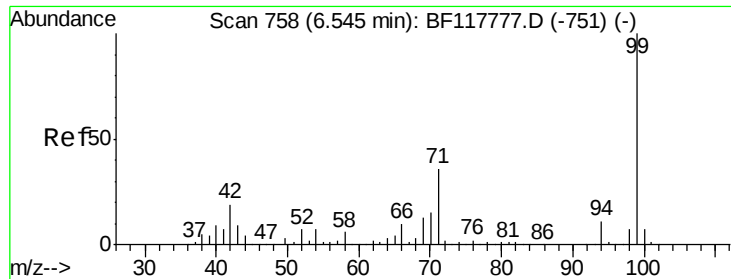
2-Fluorophenol
Concen: 86.521 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion:112 Resp: 1059557
Ion Ratio Lower Upper
112 100
64 56.4 45.6 68.4
63 29.6 24.1 36.1



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: 91.735 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117810.D

Acq: 15 Nov 2019 18:35

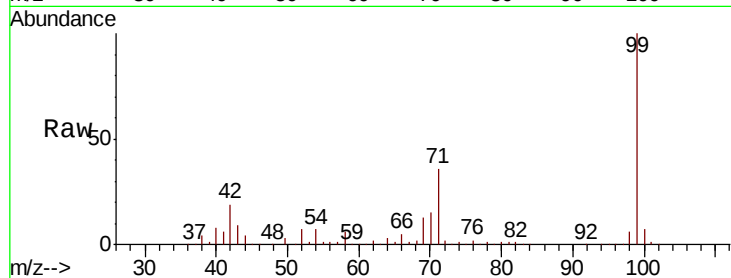
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1355022

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.9	22.3
71	35.8	28.6	43.0

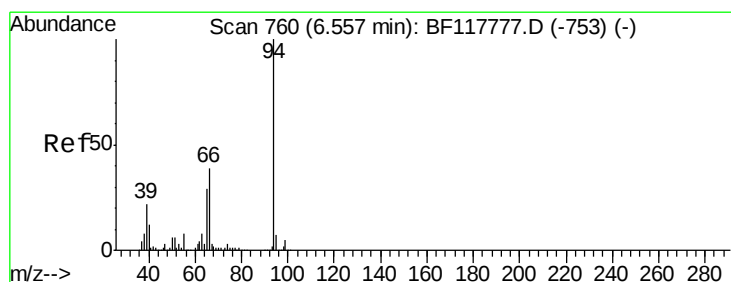
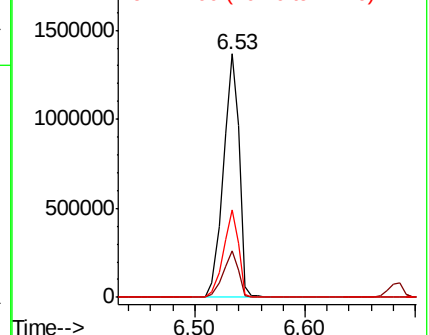
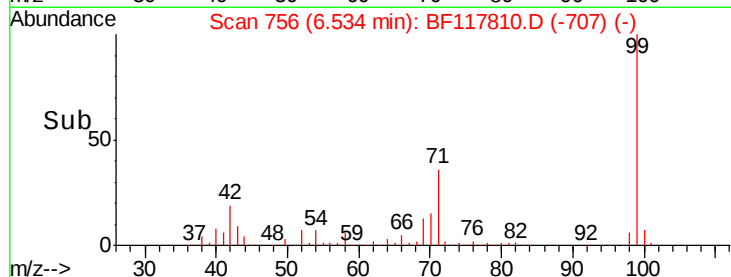


Abundance

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: 4.072 ng

RT: 6.55 min Scan# 758

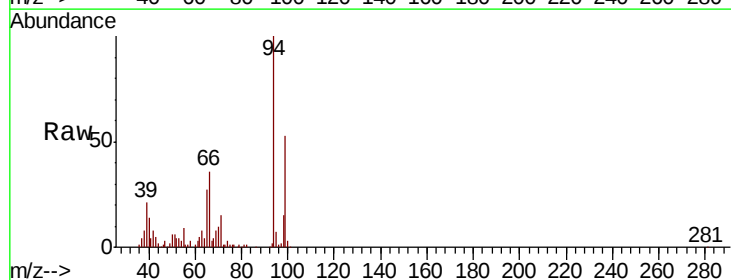
Delta R.T. -0.01 min

Lab File: BF117810.D

Acq: 15 Nov 2019 18:35

Tgt Ion: 94 Resp: 62497

Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.9	48.9
66	36.4	18.7	58.7

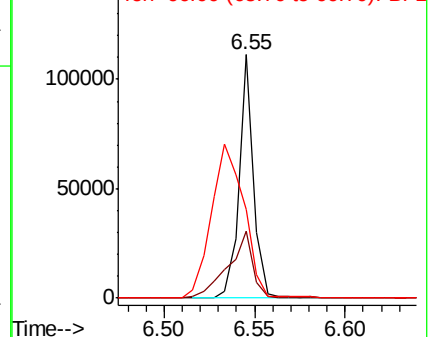
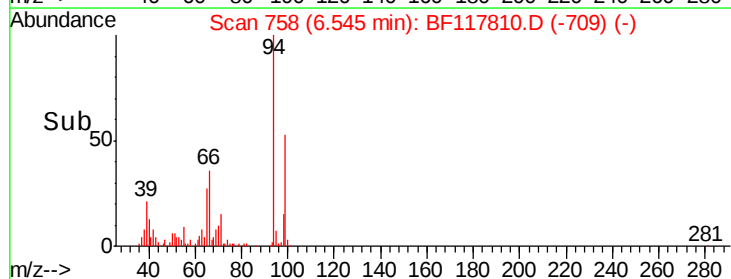


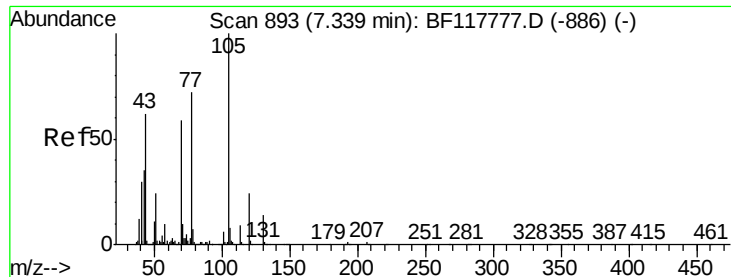
Abundance

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

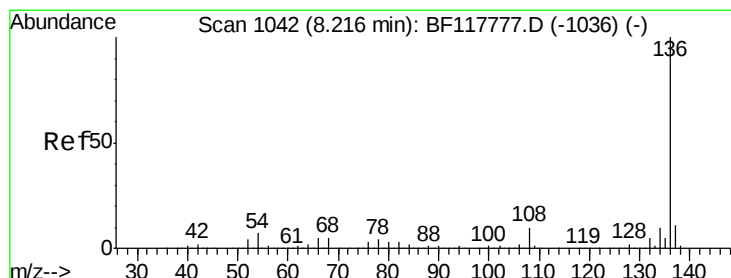
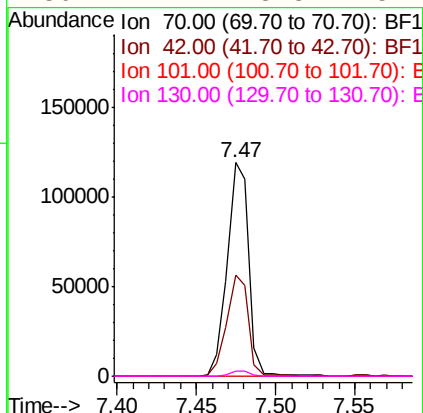
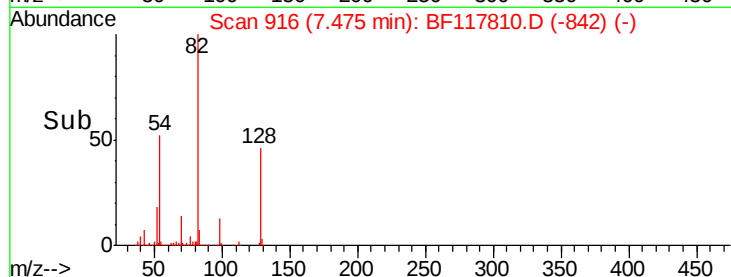
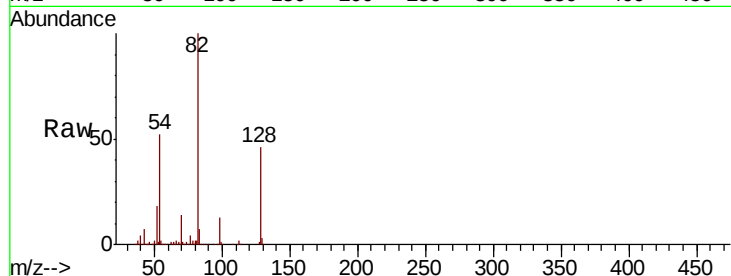




#19
n-Nitroso-di-n-propylamine
Concen: 12.287 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

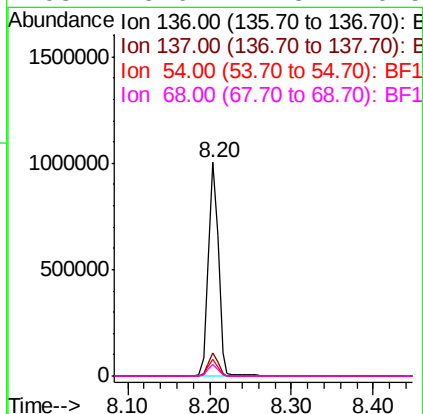
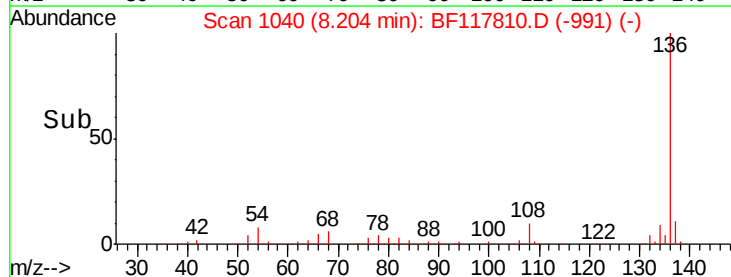
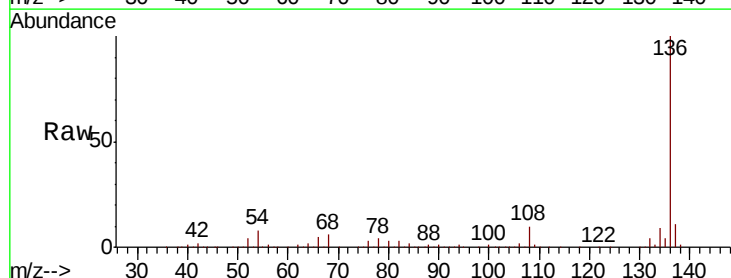
Instrument :
BNA_F
ClientSampleId :

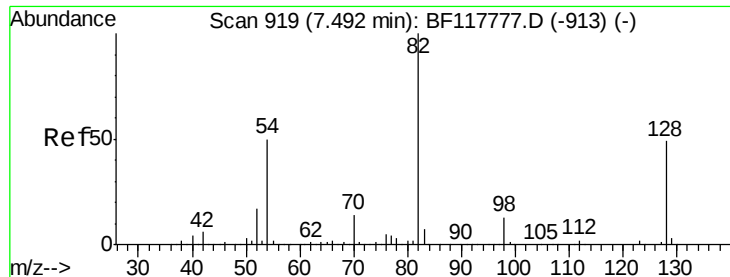
Tot Ion: 70 Resp: 111967
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion: 136 Resp: 853177
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.6 5.4 8.2
68 5.6 4.3 6.5

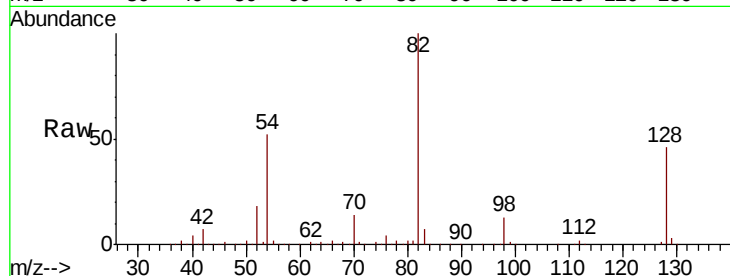




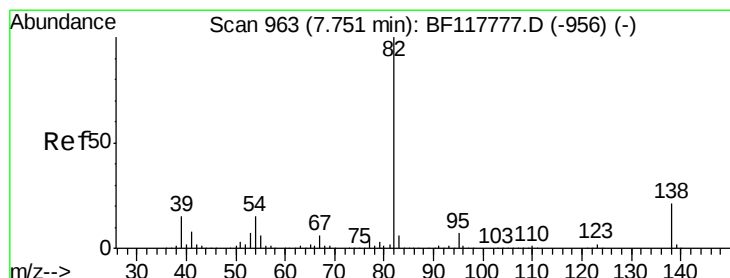
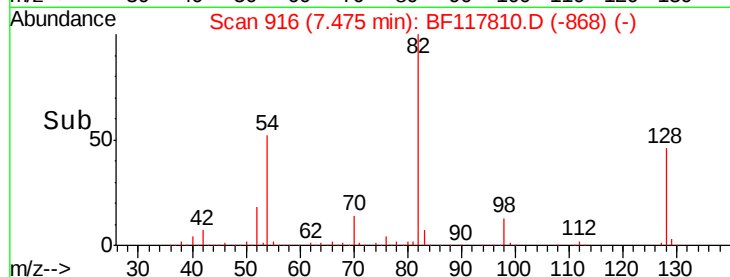
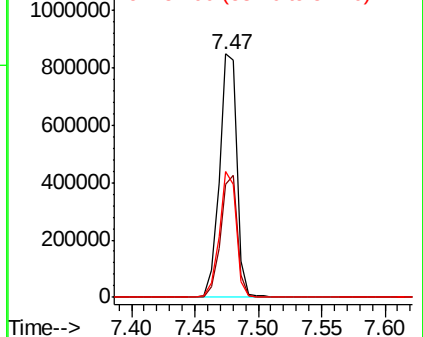
#23
Nitrobenzene-d5
Concen: 57.446 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 824480
Ion Ratio Lower Upper
82 100
128 46.4 38.9 58.3
54 51.8 39.8 59.6

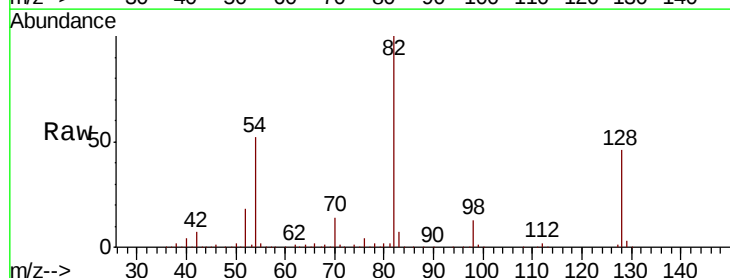


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

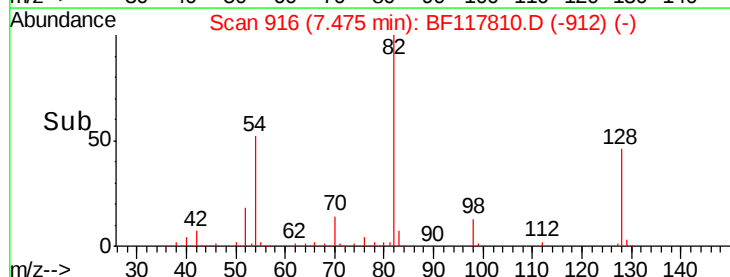
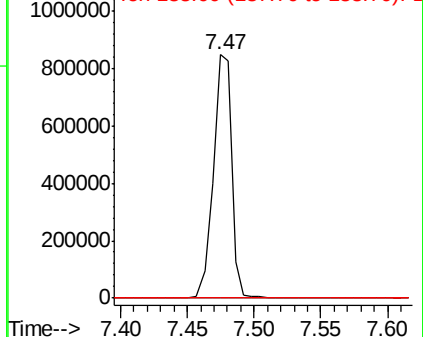


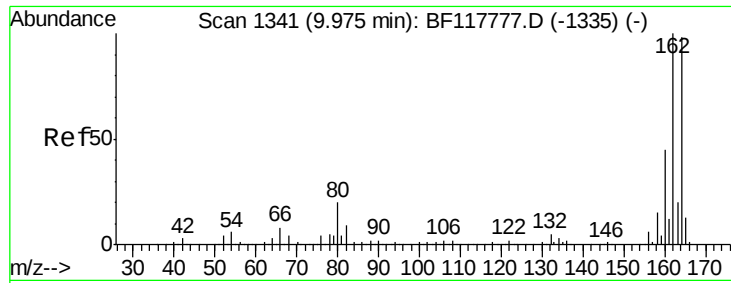
#25
Isophorone
Concen: 31.342 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion: 82 Resp: 824474
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#



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

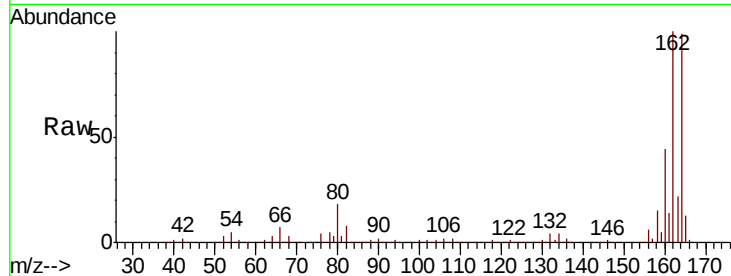




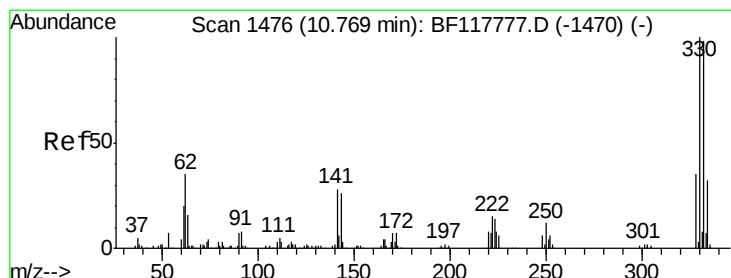
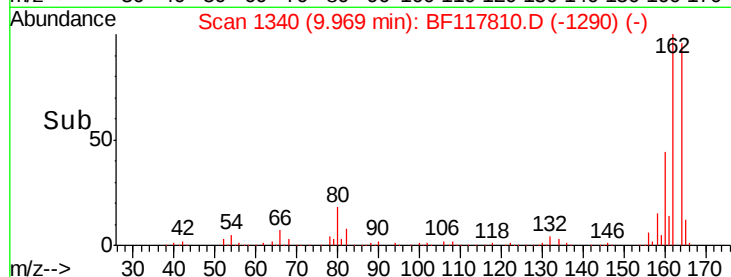
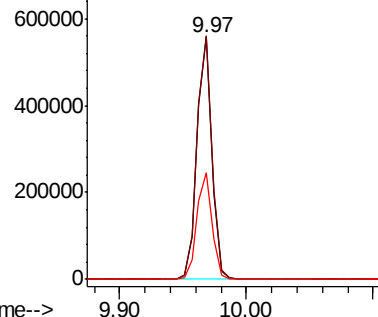
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	44.3	36.6	55.0

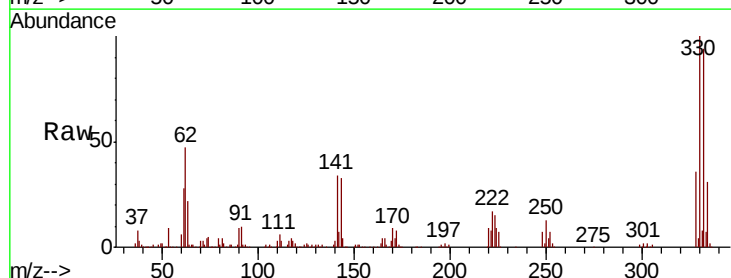


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

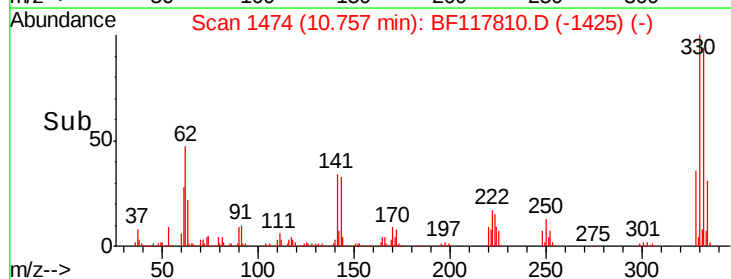
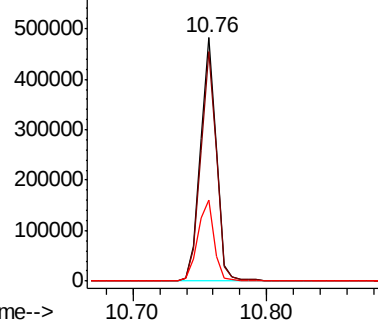


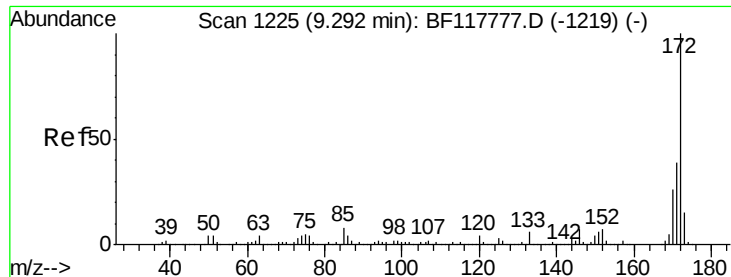
#42
2,4,6-Tribromophenol
Concen: 84.858 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.7	115.1
141	34.1	27.7	41.5



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

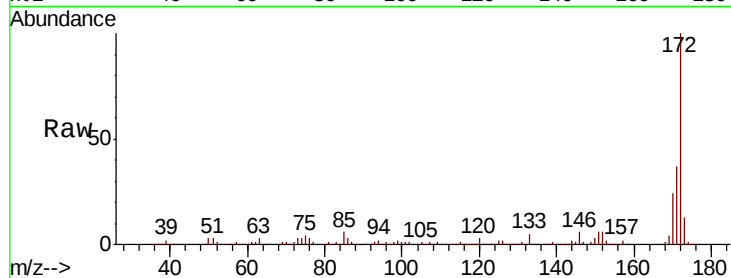




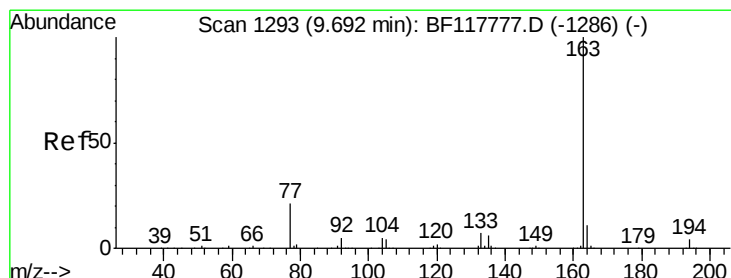
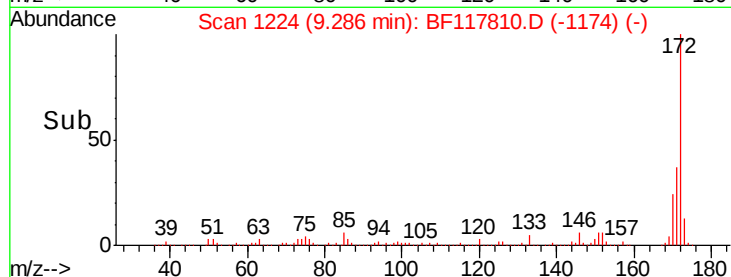
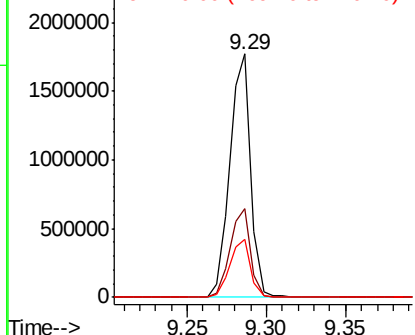
#45
2-Fluorobiphenyl
Concen: 63.420 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1611536
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 24.0 21.0 31.4

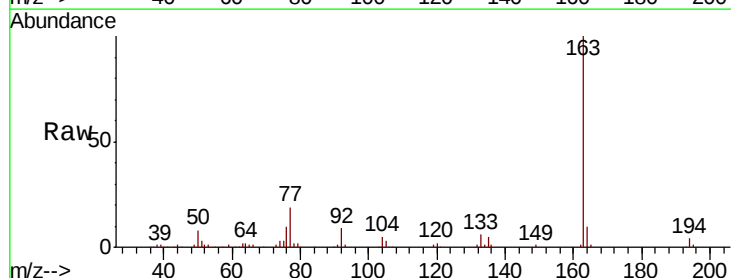


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

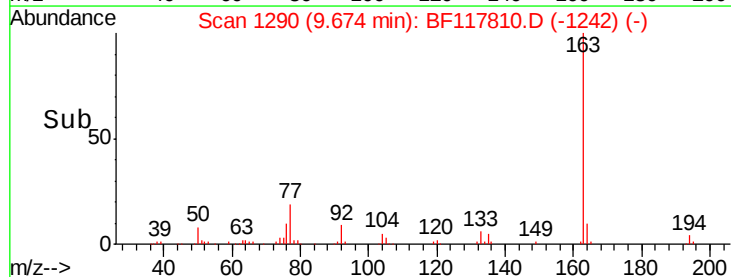
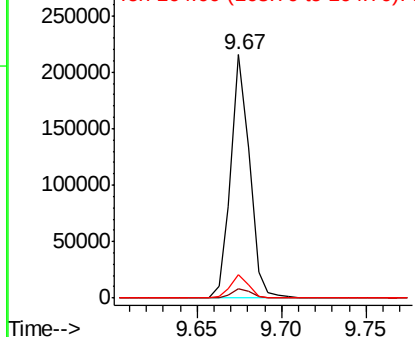


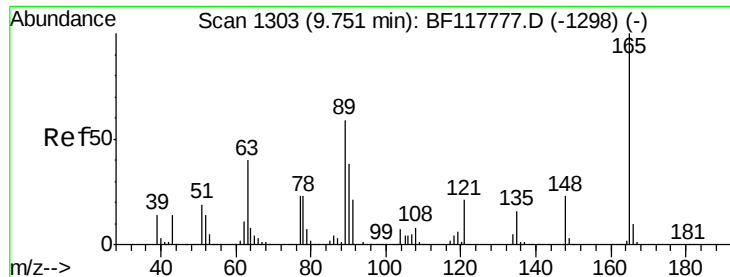
#50
Dimethylphthalate
Concen: 5.226 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion:163 Resp: 167051
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.5 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

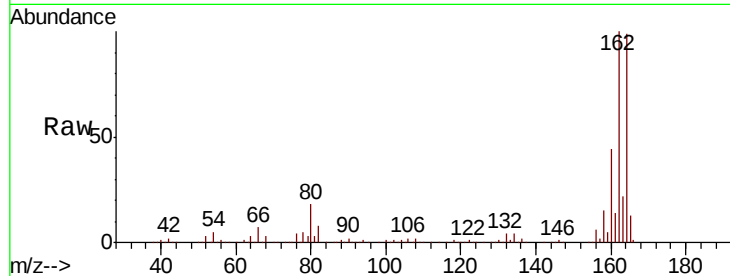




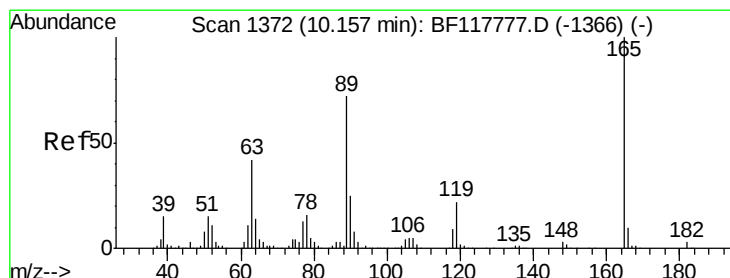
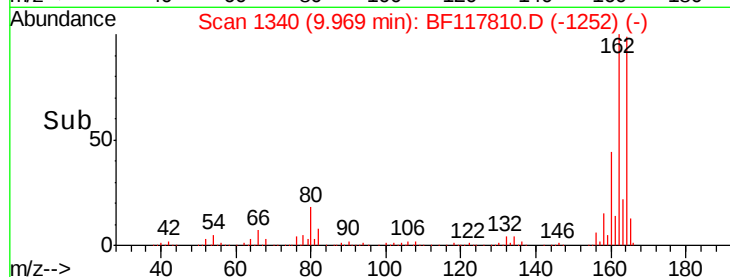
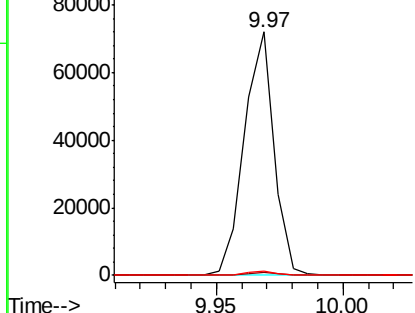
#51
 2,6-Dinitrotoluene
 Concen: 8.413 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.22 min
 Lab File: BF117810.D
 Acq: 15 Nov 2019 18:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.0	69.0#
89	1.5	47.7	71.5#



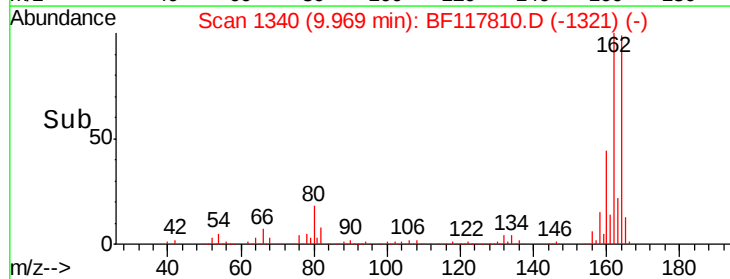
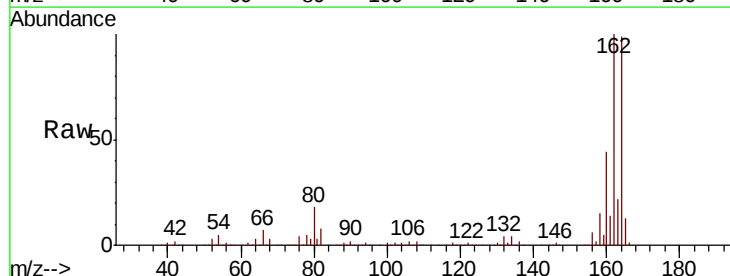
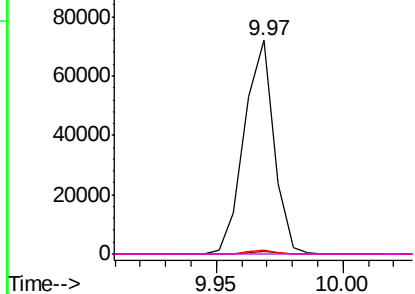
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

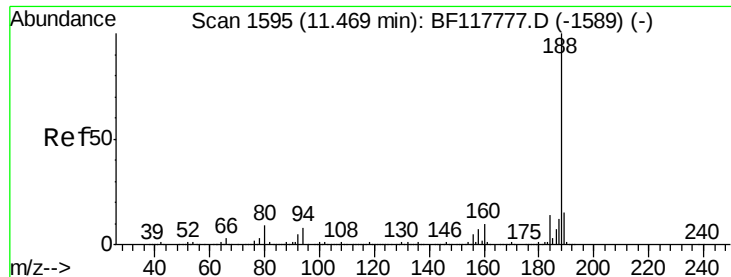


#57
 2,4-Dinitrotoluene
 Concen: 6.613 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117810.D
 Acq: 15 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

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

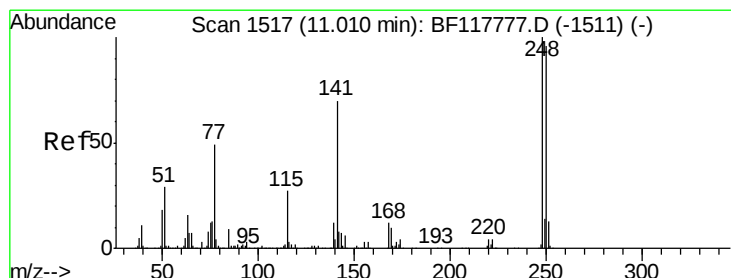
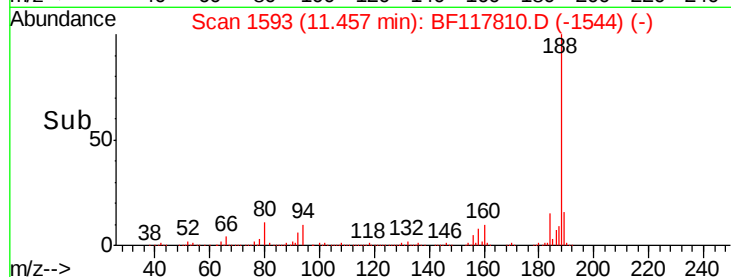
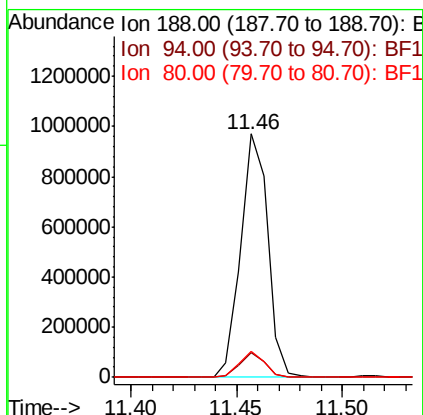
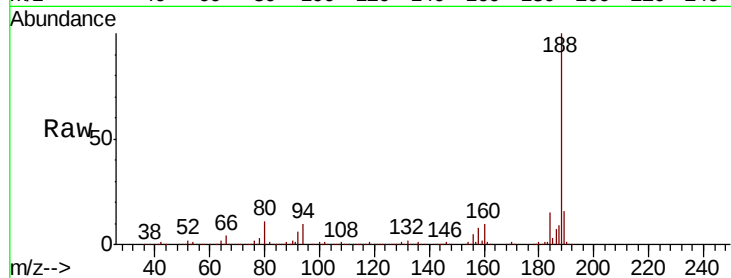




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117810.D
 Acq: 15 Nov 2019 18:35

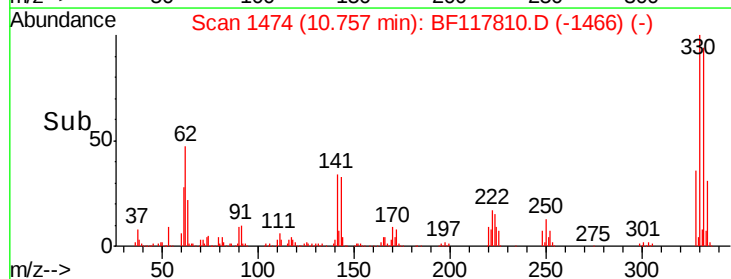
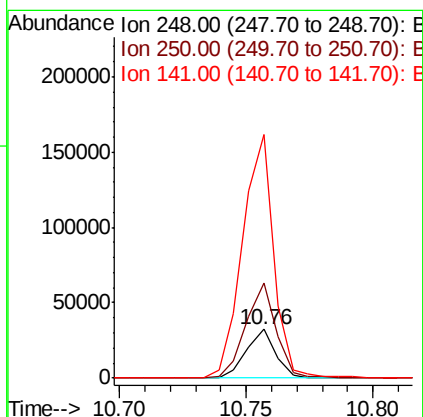
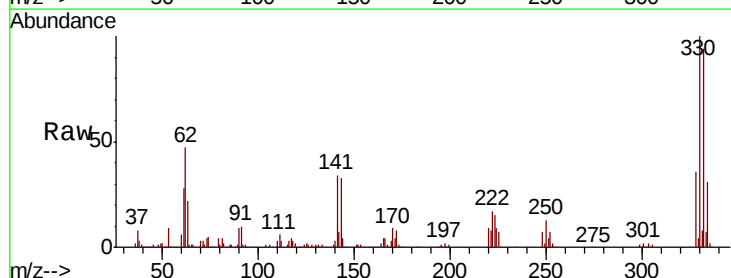
Instrument :
 BNA_F
 ClientSampleId :

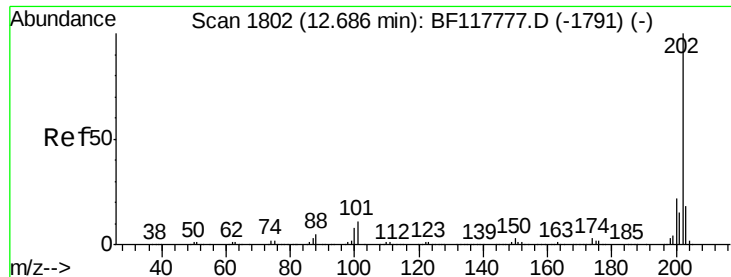
Tot Ion:188 Resp: 864311
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.6 10.0#
 80 10.8 7.2 10.8#



#67
 4-Bromophenyl-phenylether
 Concen: 2.813 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117810.D
 Acq: 15 Nov 2019 18:35

Tgt Ion:248 Resp: 26236
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.6 115.0#
 141 501.1 55.9 83.9#

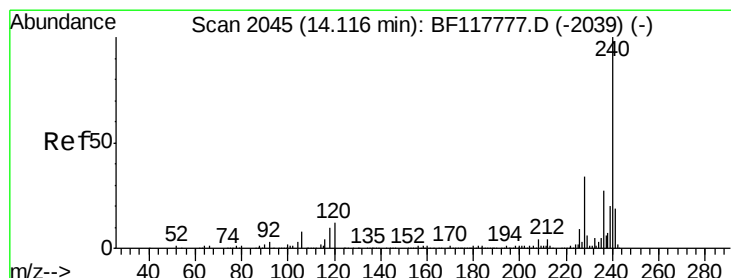
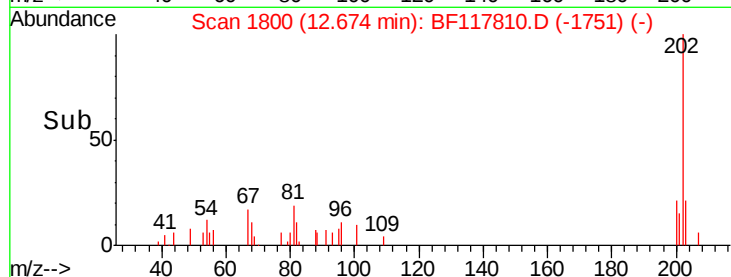
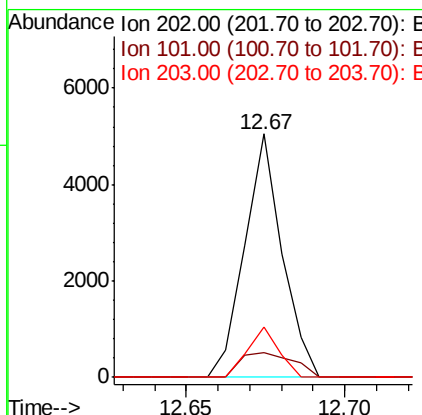
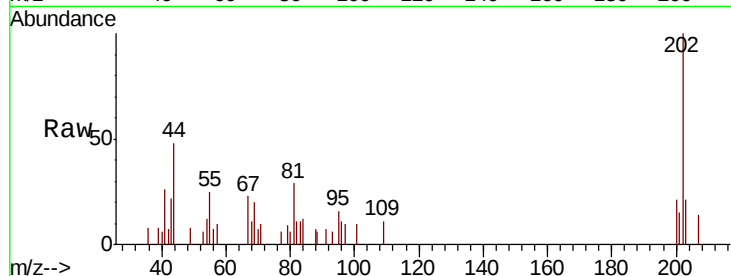




#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

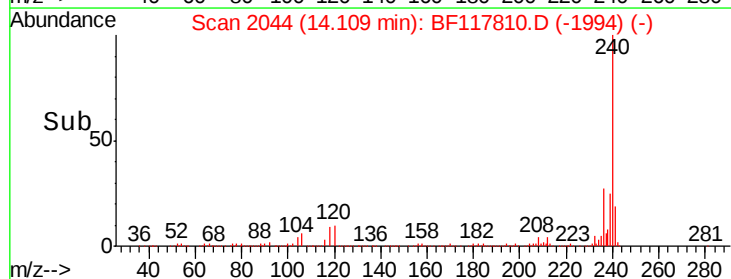
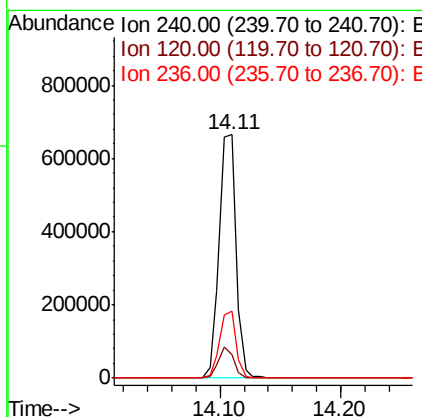
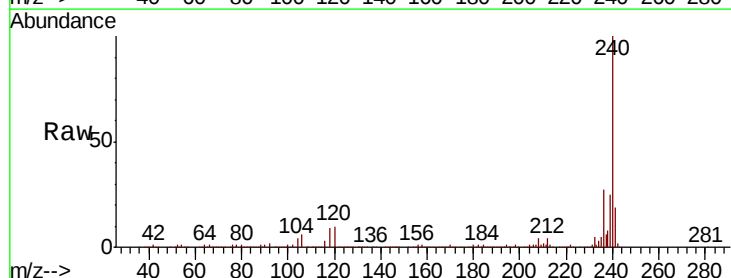
Instrument :
BNA_F
ClientSampleId :

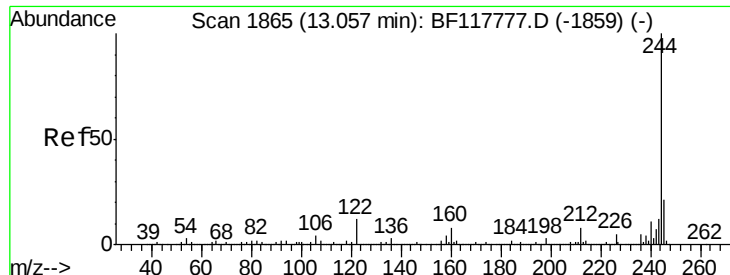
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.1
203	20.9	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117810.D
Acq: 15 Nov 2019 18:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	27.4	21.3	31.9





#79

Terphenyl-d14

Concen: 56.108 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117810.D

Acq: 15 Nov 2019 18:35

Instrument :

BNA_F

ClientSampled :

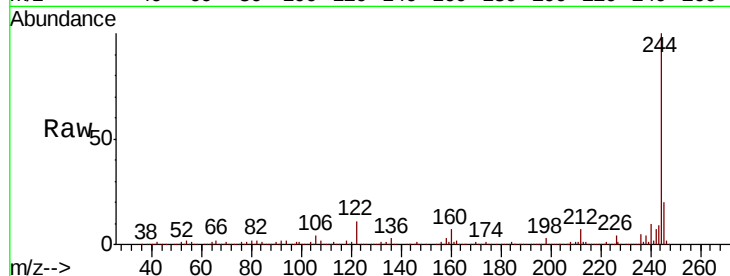
Tot Ion:244 Resp: 1971524

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

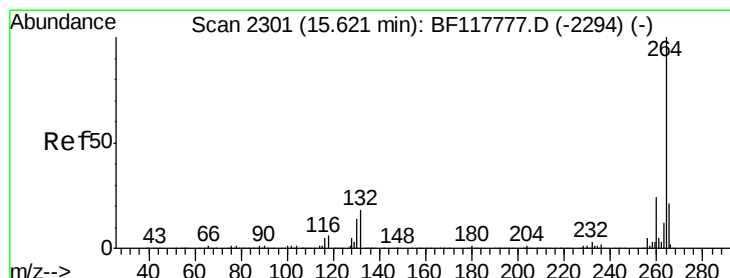
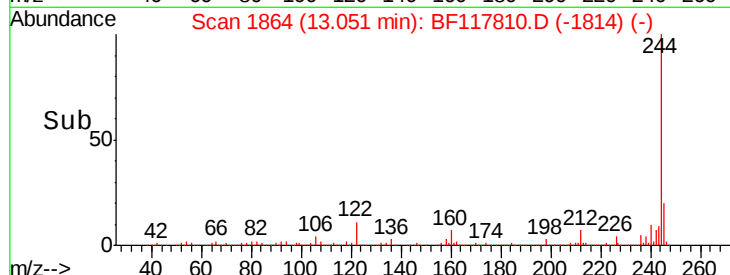
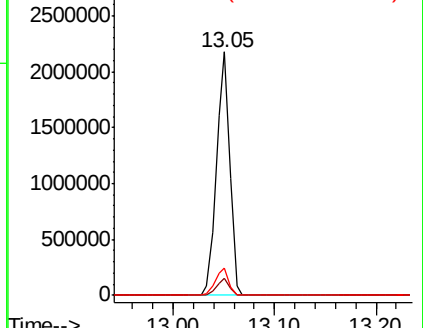
122 11.0 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117810.D

Acq: 15 Nov 2019 18:35

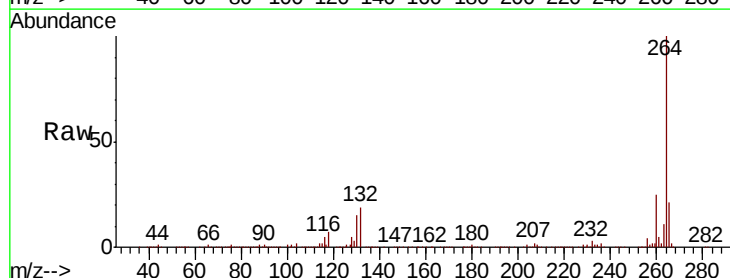
Tgt Ion:264 Resp: 658208

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.4 17.1 25.7



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

