

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120709.D
 Acq On : 26 Jun 2020 15:23
 Operator : JU/CG
 Sample : L3115-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP

Quant Time: Jun 26 16:54:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

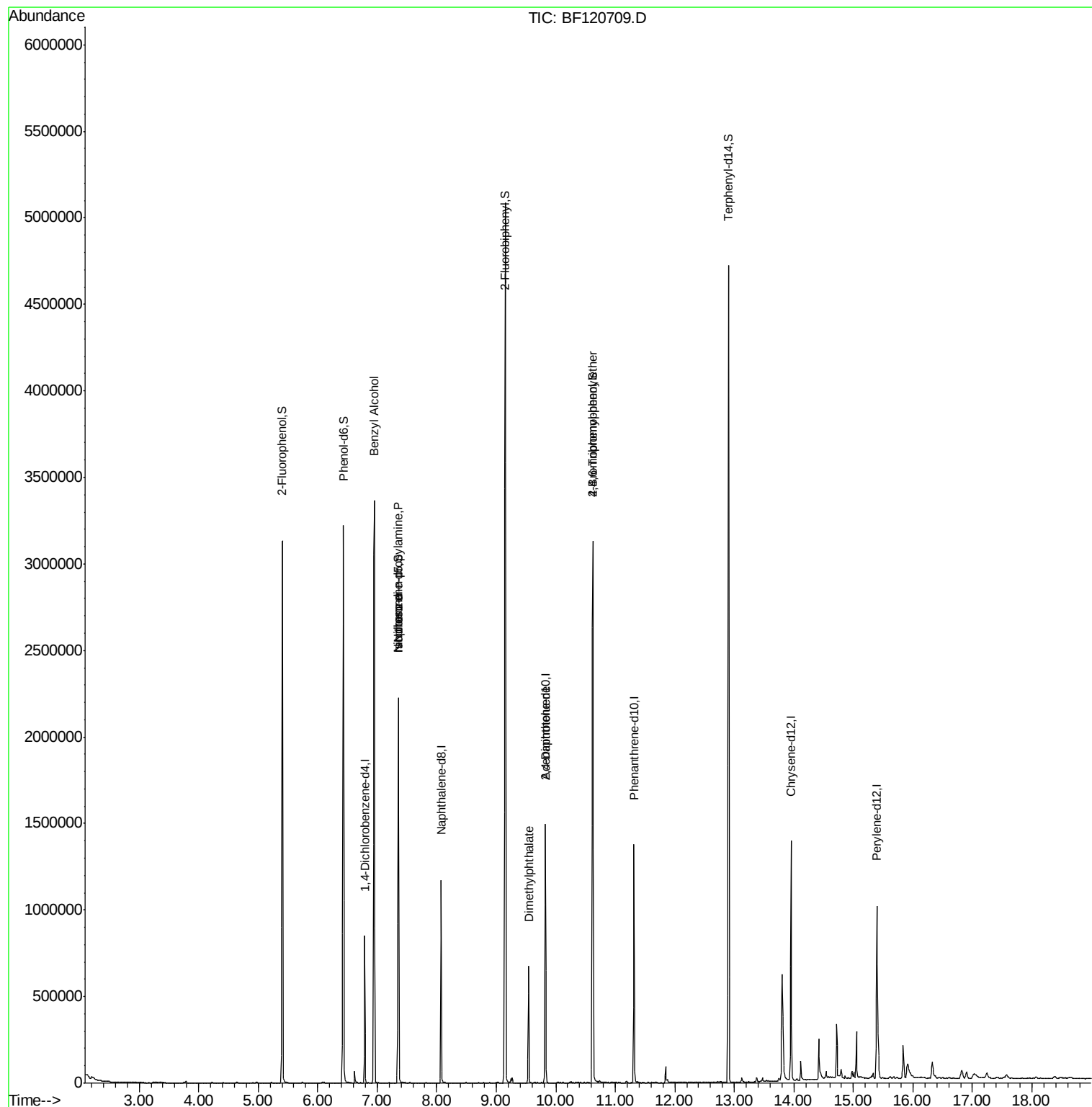
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127108	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	512065	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	290784	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	557149	20.00	ng	0.00
76) Chrysene-d12	13.95	240	501175	20.00	ng	-0.01
86) Perylene-d12	15.40	264	442505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1073419	144.78	ng	0.00
7) Phenol-d6	6.43	99	1269851	137.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	827518	90.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	485934	143.73	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1803496	94.89	ng	-0.01
79) Terphenyl-d14	12.91	244	2156237	95.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.95	79	14493	2.213	ng	# 48
19) n-Nitroso-di-n-propylamine	7.36	70	108349	20.228	ng	# 77
25) Isophorone	7.36	82	822949	46.116	ng	# 62
50) Dimethylphthalate	9.55	163	273336	13.052	ng	99
57) 2,4-Dinitrotoluene	9.83	165	37628	5.975	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	28478	4.504	ng	# 1

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

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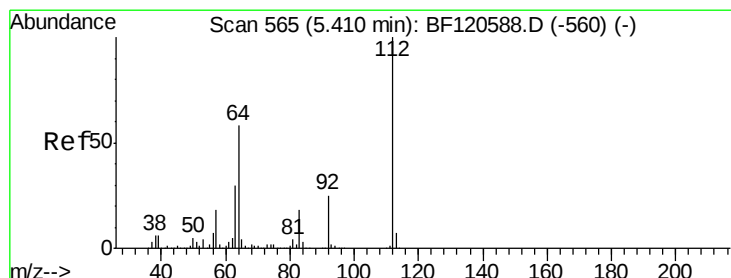
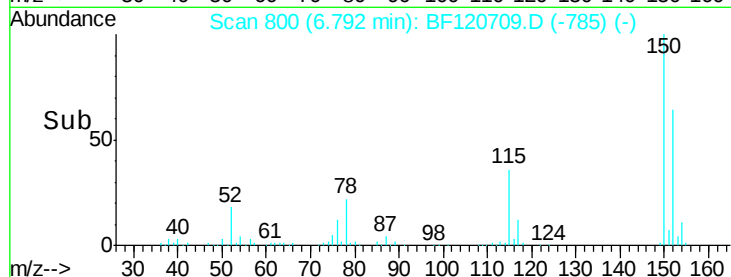
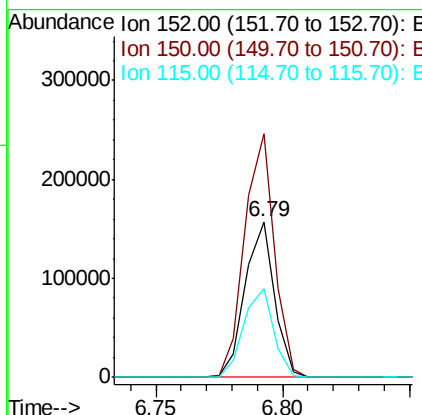
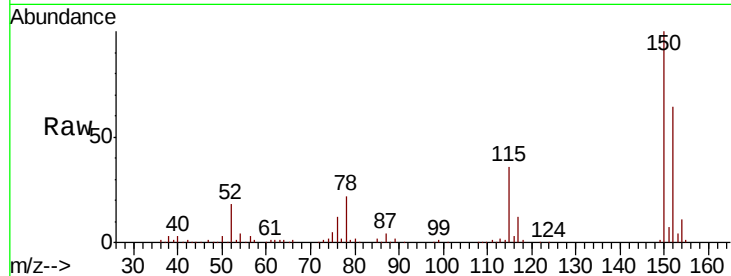




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120709.D
 Acq: 26 Jun 2020 15:23

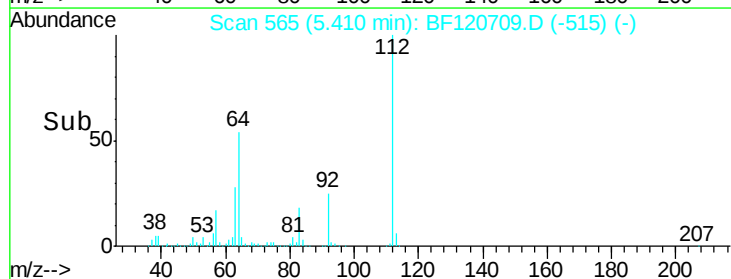
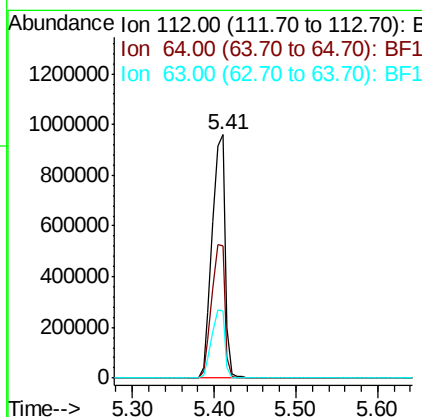
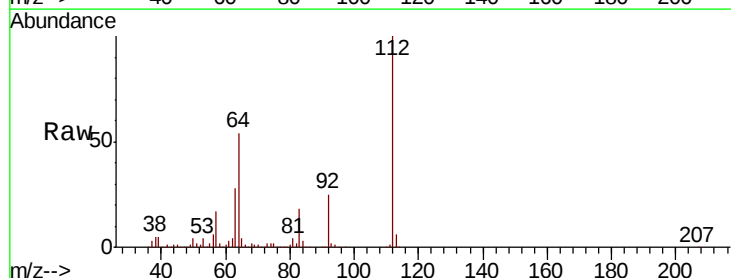
Instrument :
 BNA_F
 ClientSampleId :
 TP

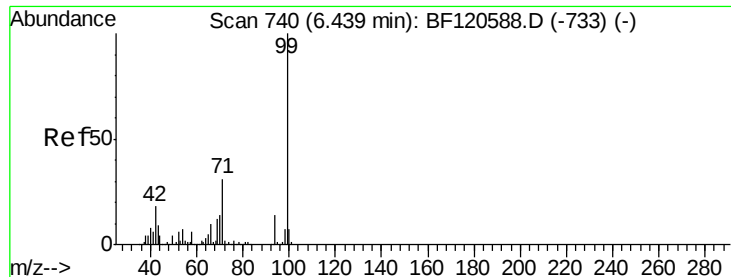
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.2	184.8
115	56.7	43.9	65.9



#5
 2-Fluorophenol
 Concen: 144.784 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120709.D
 Acq: 26 Jun 2020 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.1	69.1
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 137.519 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA_F

ClientSampleId :

TP

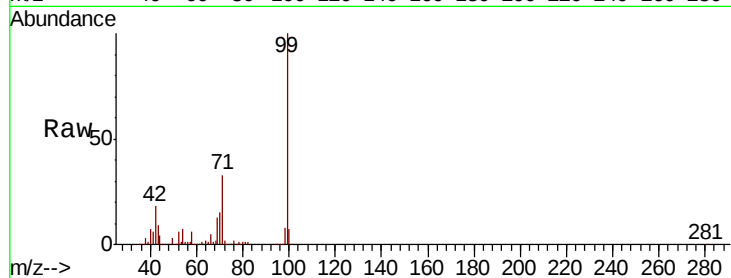
Tot Ion: 99 Resp: 1269851

Ion Ratio Lower Upper

99 100

42 18.1 14.0 21.0

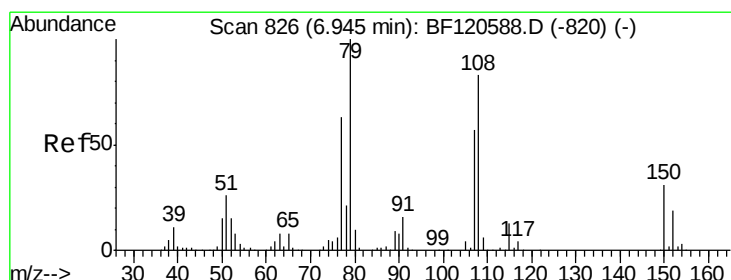
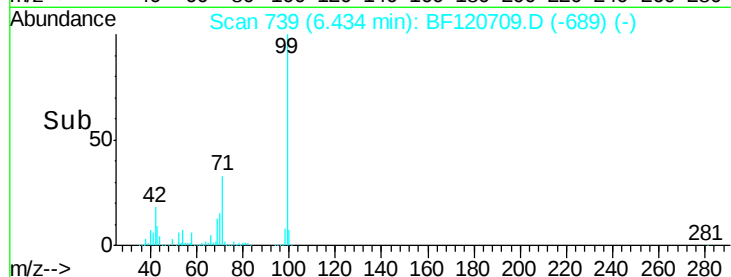
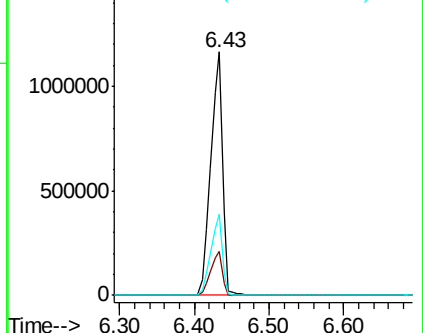
71 33.1 24.9 37.3



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: 2.213 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

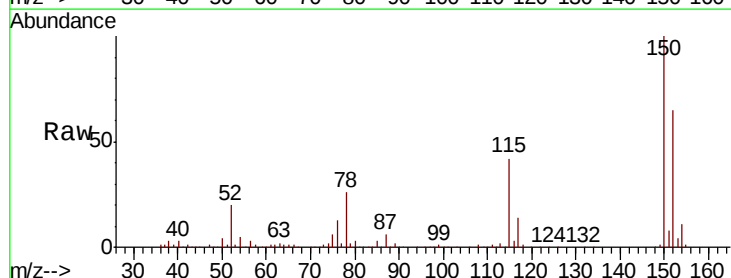
Tgt Ion: 79 Resp: 14493

Ion Ratio Lower Upper

79 100

108 32.4 66.8 100.2#

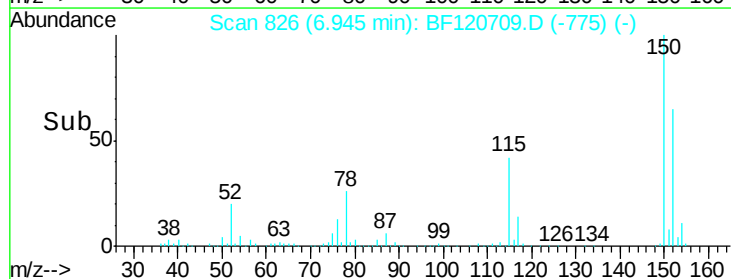
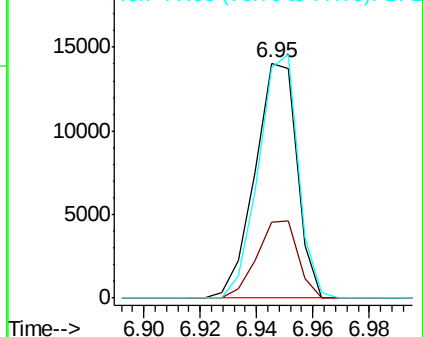
77 98.3 50.6 76.0#

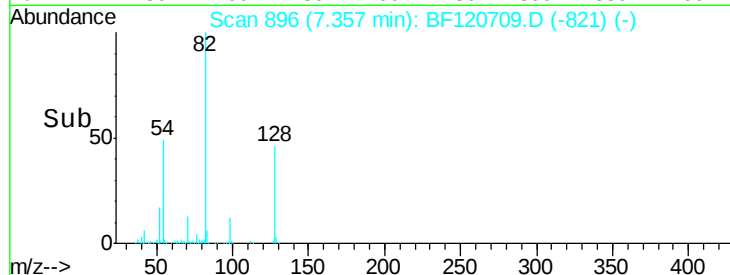
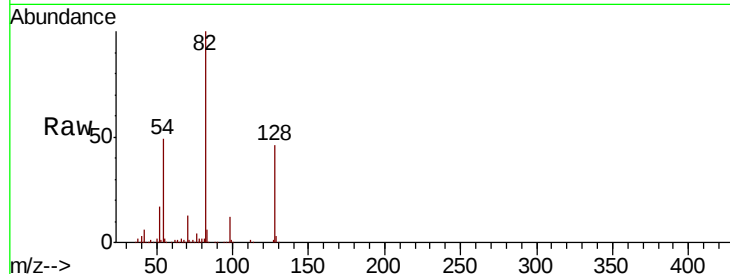
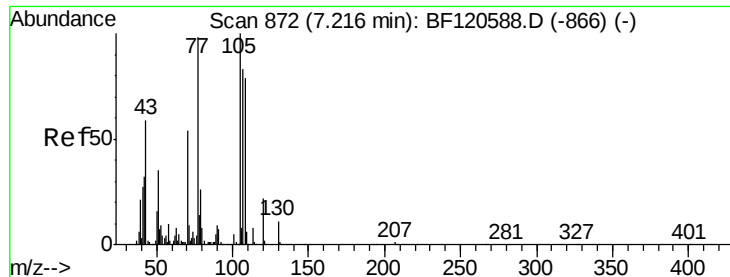


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

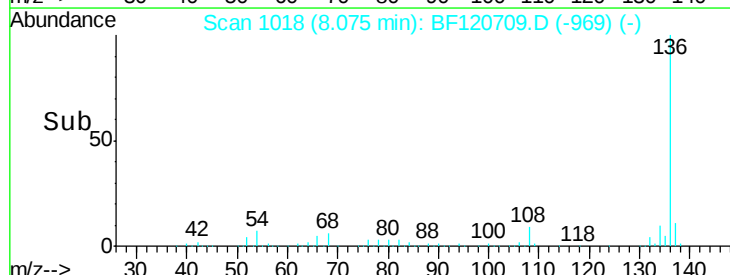
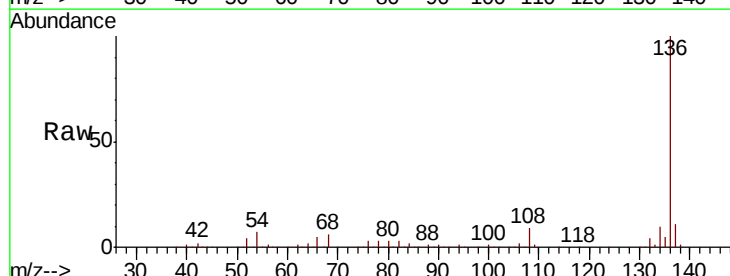
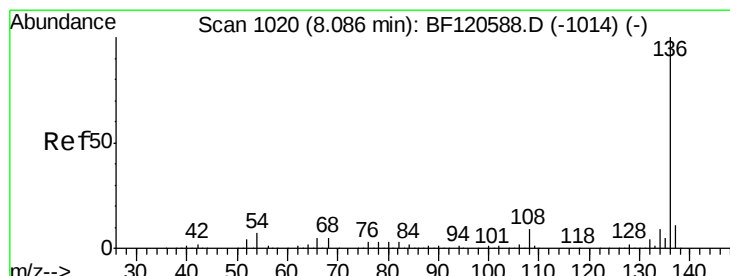
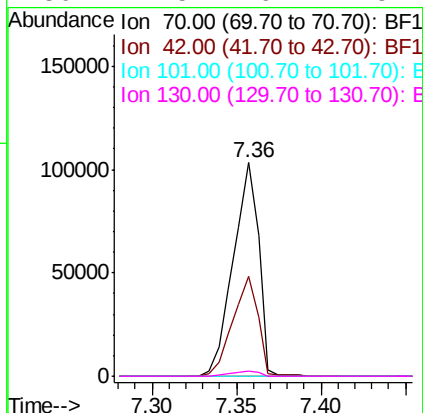




#19
n-Nitroso-di-n-propylamine
Concen: 20.228 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

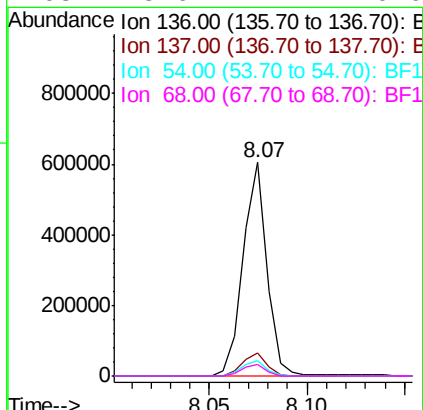
Instrument :
BNA_F
ClientSampleId :
TP

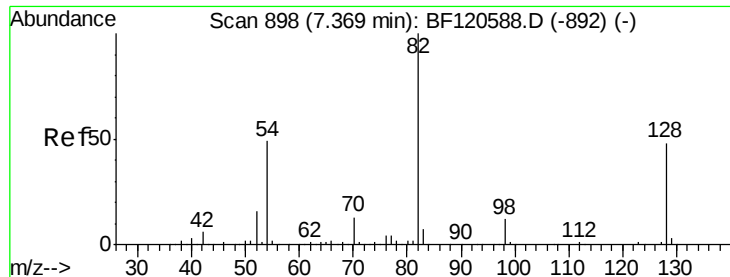
Tot Ion: 70 Resp: 108349
Ion Ratio Lower Upper
70 100
42 46.6 47.7 71.5#
101 0.0 7.6 11.4#
130 2.5 16.7 25.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

Tgt Ion: 136 Resp: 512065
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 5.8 8.6
68 5.6 4.4 6.6

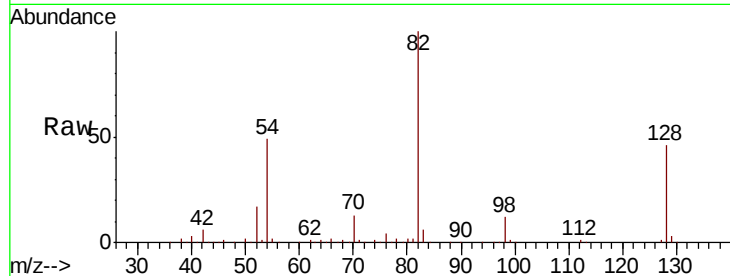




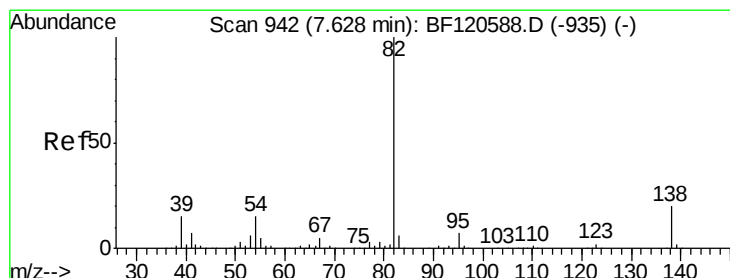
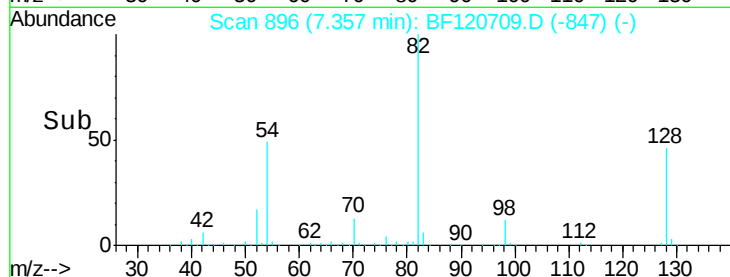
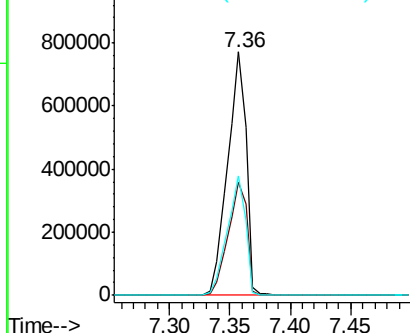
#23
Nitrobenzene-d5
Concen: 90.331 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

Instrument :
BNA_F
ClientSampleId :
TP

Tot Ion: 82 Resp: 827518
Ion Ratio Lower Upper
82 100
128 46.4 38.0 57.0
54 49.3 38.8 58.2

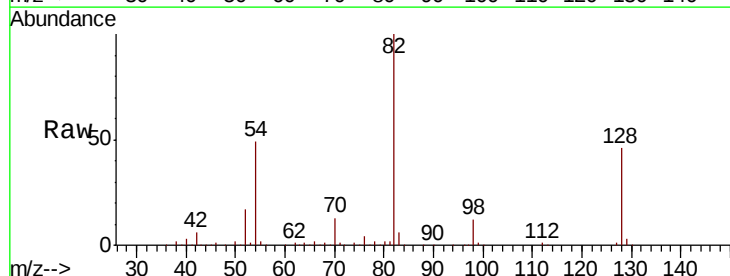


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

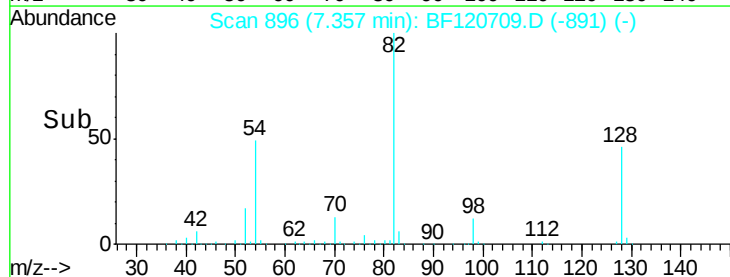
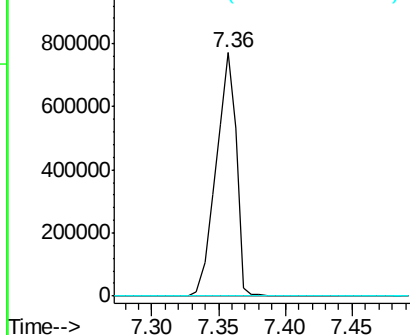


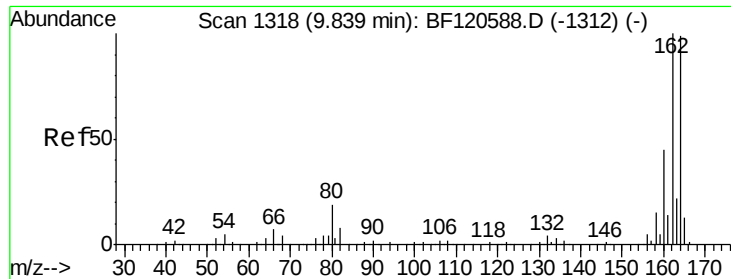
#25
Isophorone
Concen: 46.116 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

Tgt Ion: 82 Resp: 822949
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA_F

ClientSampleId :

TP

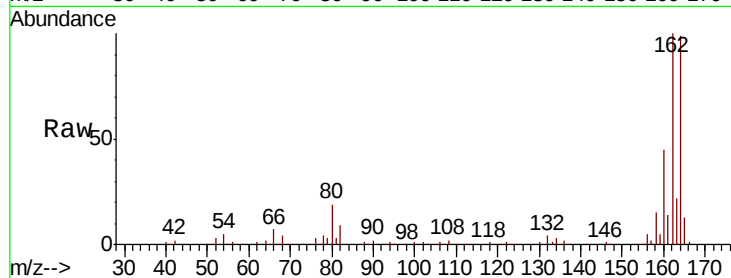
Tot Ion:164 Resp: 290784

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

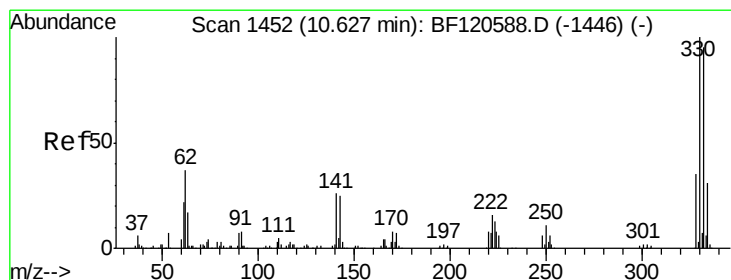
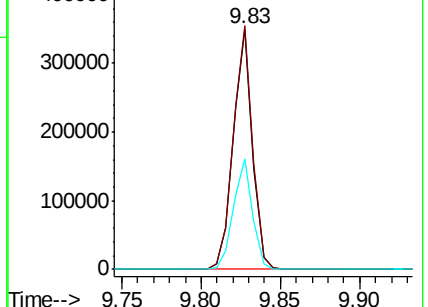
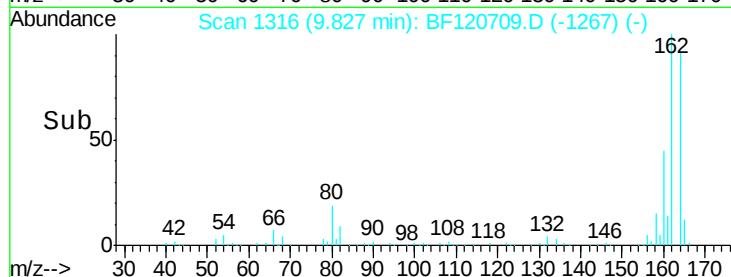
160 45.9 36.2 54.2



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: 143.735 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

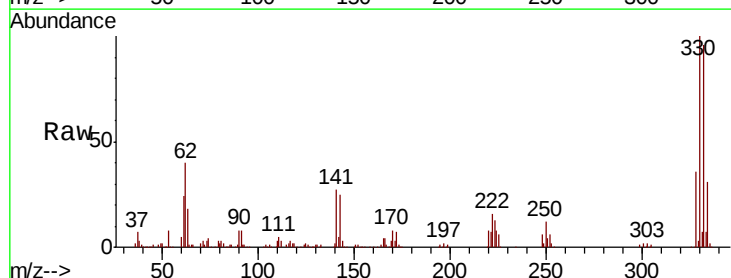
Tgt Ion:330 Resp: 485934

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

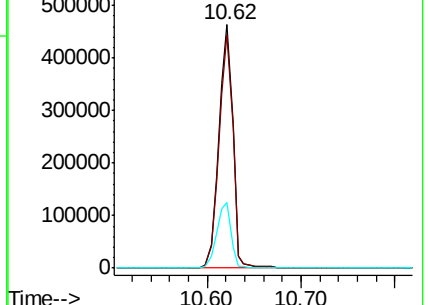
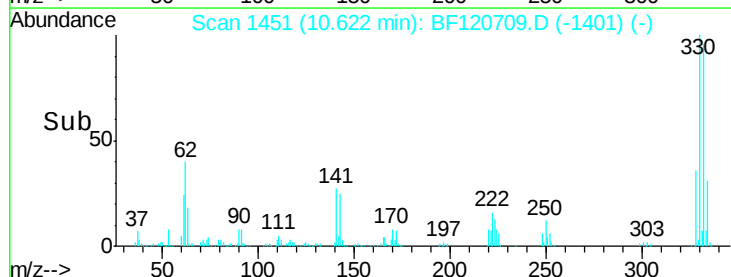
141 27.8 23.2 34.8

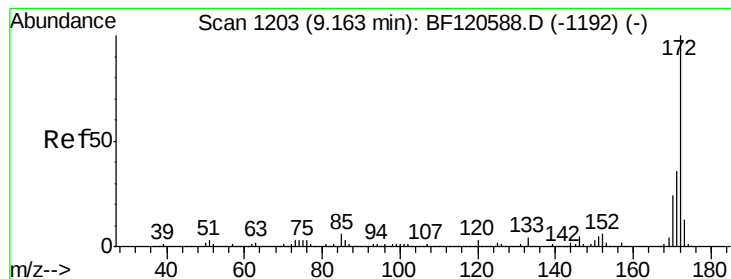


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 94.893 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

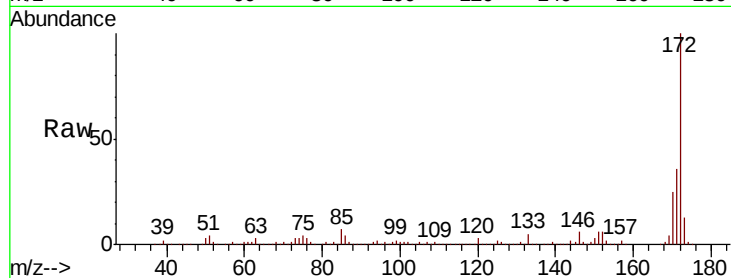
BNA_F

ClientSampleId :

TP

Tot Ion:172 Resp: 1803496

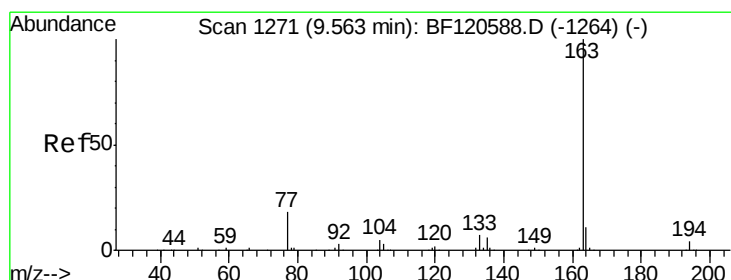
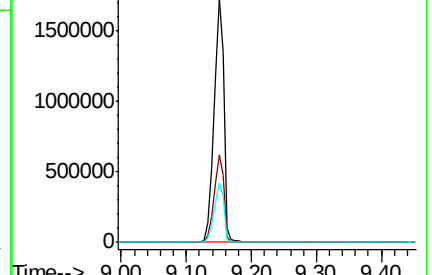
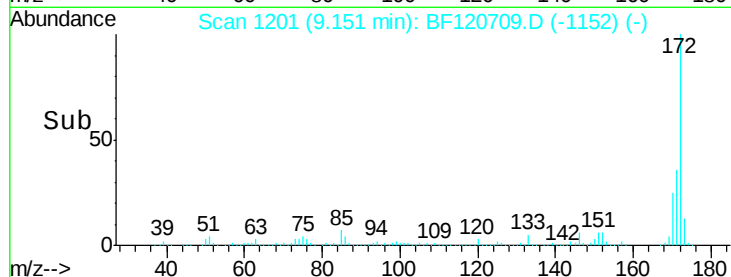
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.6	19.4	29.2



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: 13.052 ng

RT: 9.55 min Scan# 1268

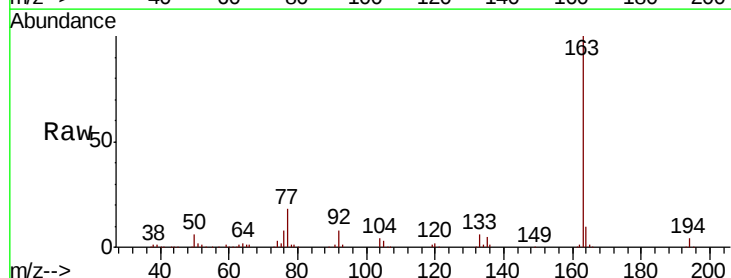
Delta R.T. -0.02 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Tgt Ion:163 Resp: 273336

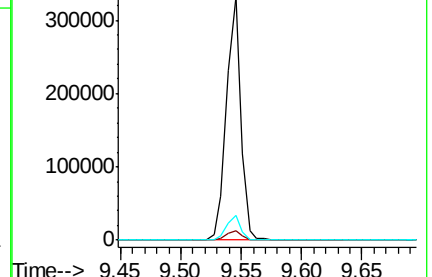
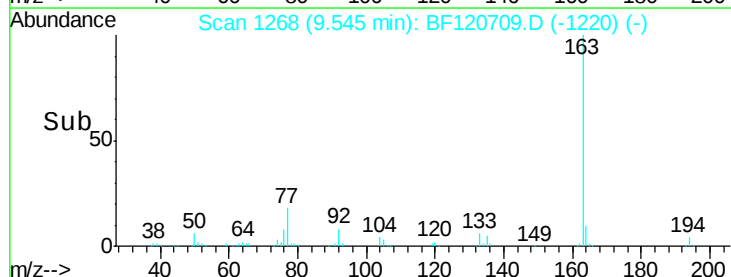
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	8.5	12.7

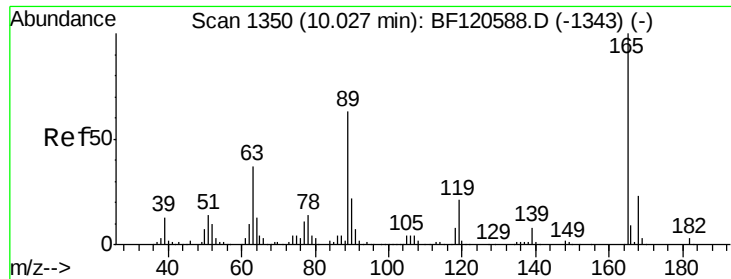


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

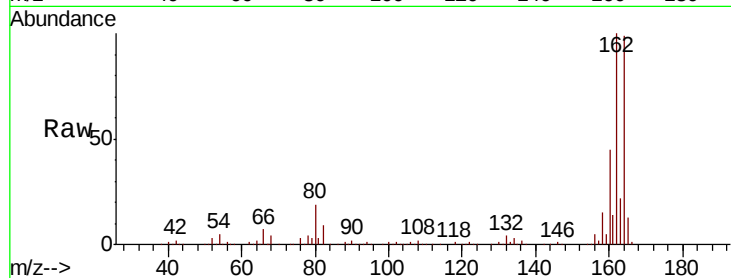




#57
 2,4-Dinitrotoluene
 Concen: 5.975 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.20 min
 Lab File: BF120709.D
 Acq: 26 Jun 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 TP

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.0	50.4	75.6#
182	0.0	2.1	3.1#

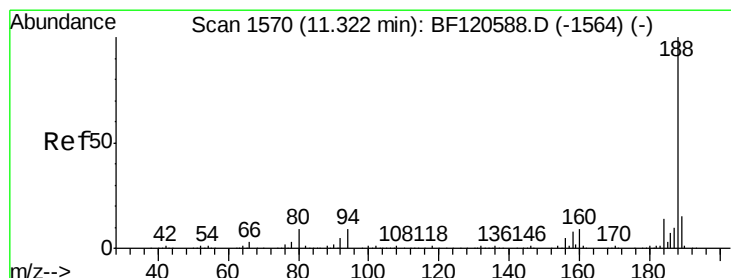
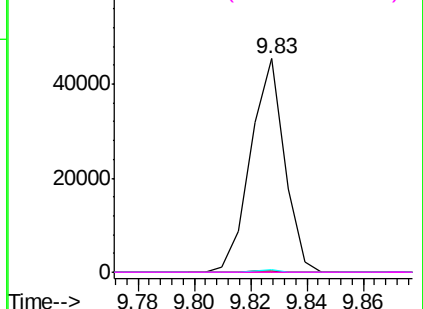
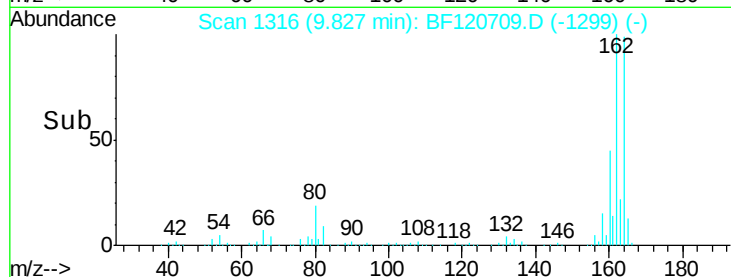


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

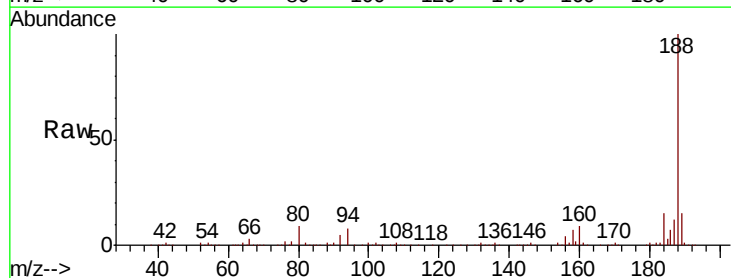
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120709.D
 Acq: 26 Jun 2020 15:23

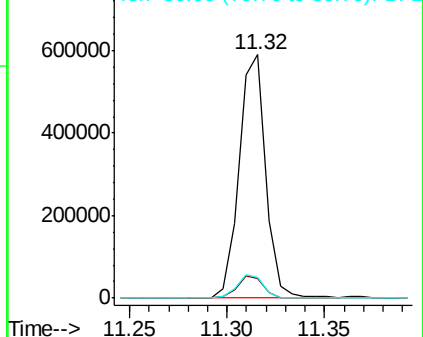
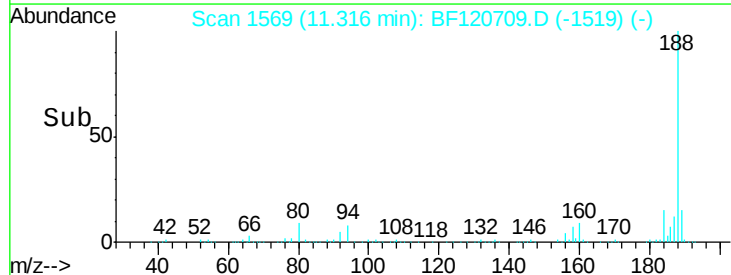
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.8	7.4	11.2

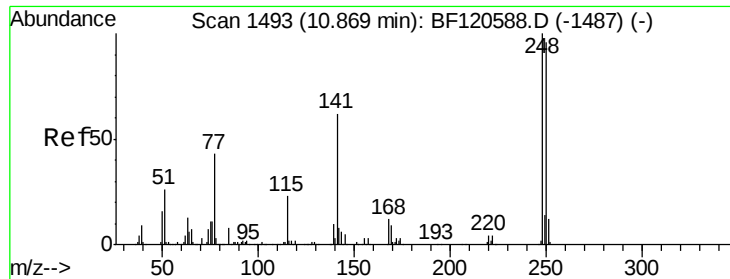


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

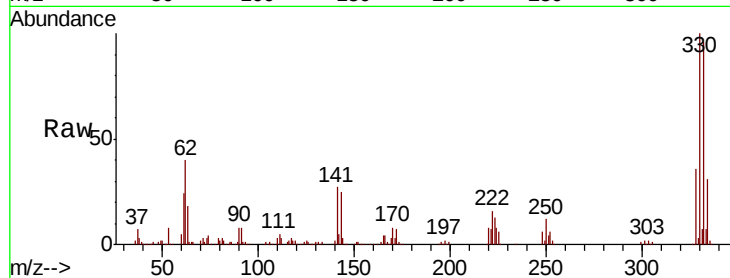




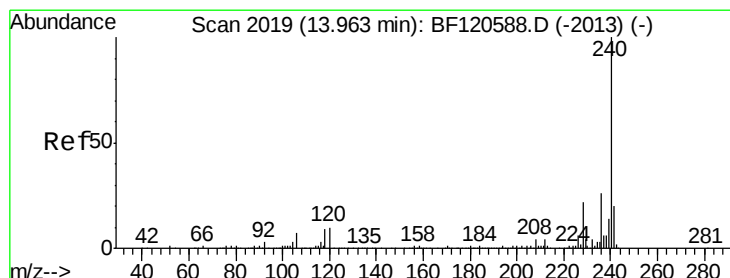
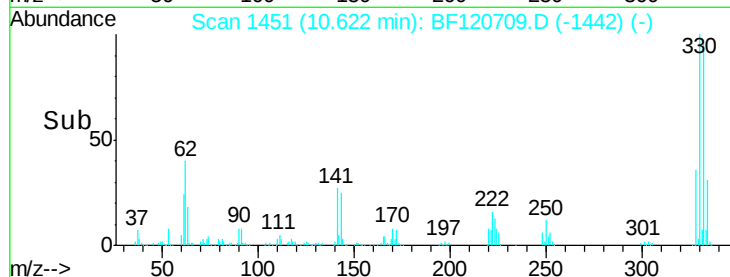
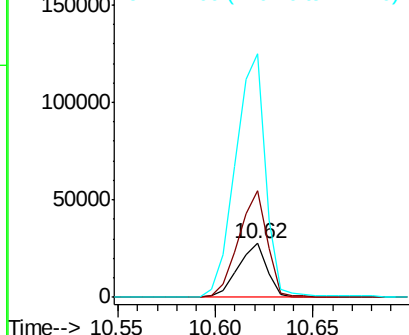
#67
4-Bromophenyl-phenylether
Concen: 4.504 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

Instrument :
BNA_F
ClientSampleId :
TP

Tot Ion:248 Resp: 28478
Ion Ratio Lower Upper
248 100
250 198.1 76.7 115.1#
141 450.4 49.4 74.0#

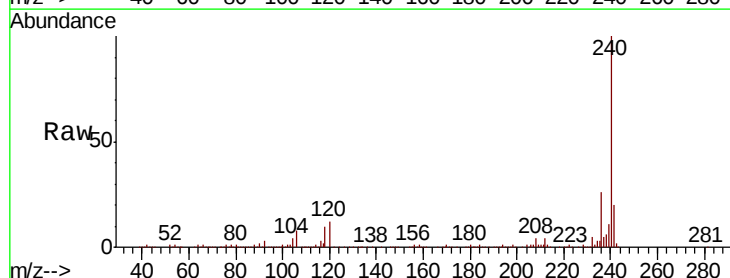


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

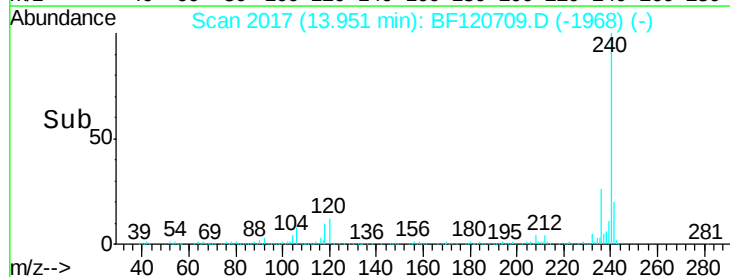
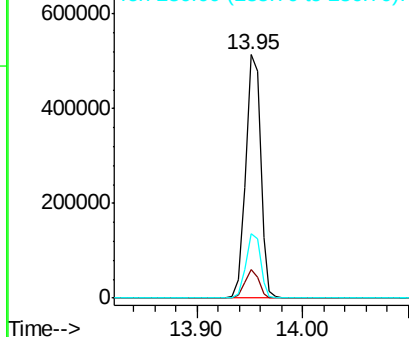


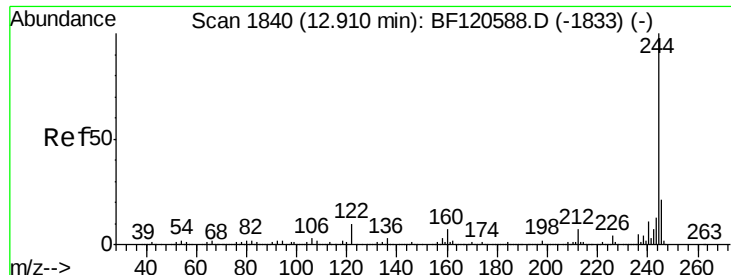
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120709.D
Acq: 26 Jun 2020 15:23

Tgt Ion:240 Resp: 501175
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 26.4 21.0 31.4



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: 95.034 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

Instrument :

BNA_F

ClientSampled :

TP

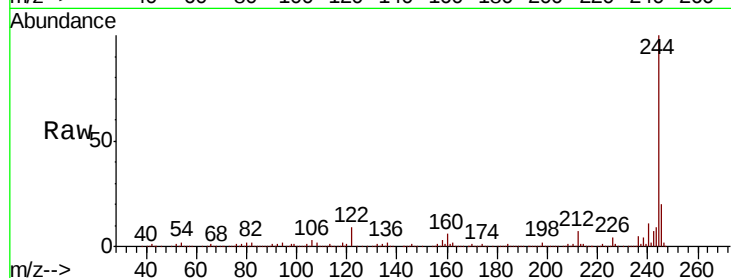
Tot Ion:244 Resp: 2156237

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

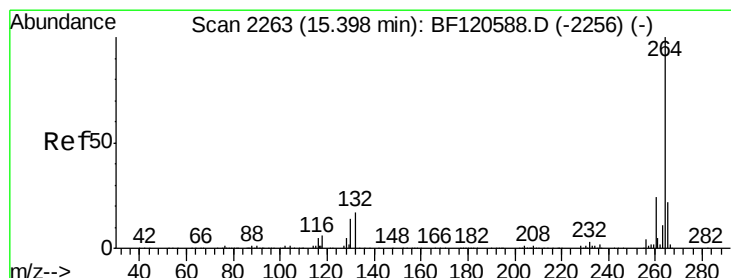
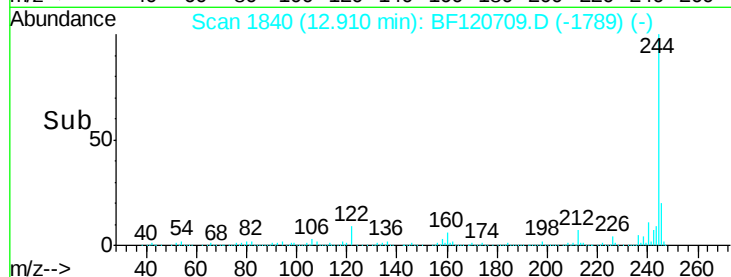
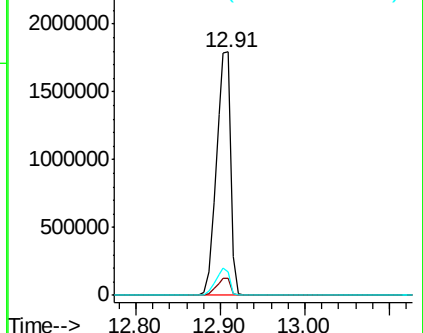
122 9.5 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120709.D

Acq: 26 Jun 2020 15:23

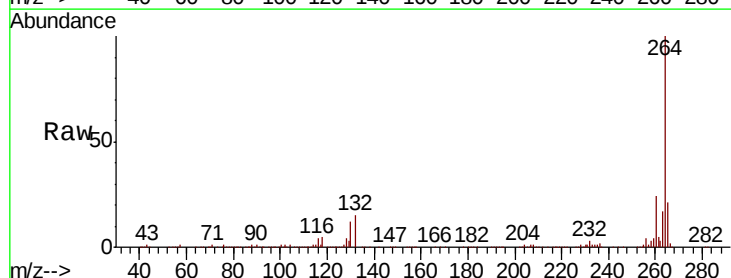
Tgt Ion:264 Resp: 442505

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.5 17.8 26.8



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

