

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120714.D
 Acq On : 26 Jun 2020 17:43
 Operator : JU/CG
 Sample : PB129807TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129807TB

Quant Time: Jun 26 18:39:05 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

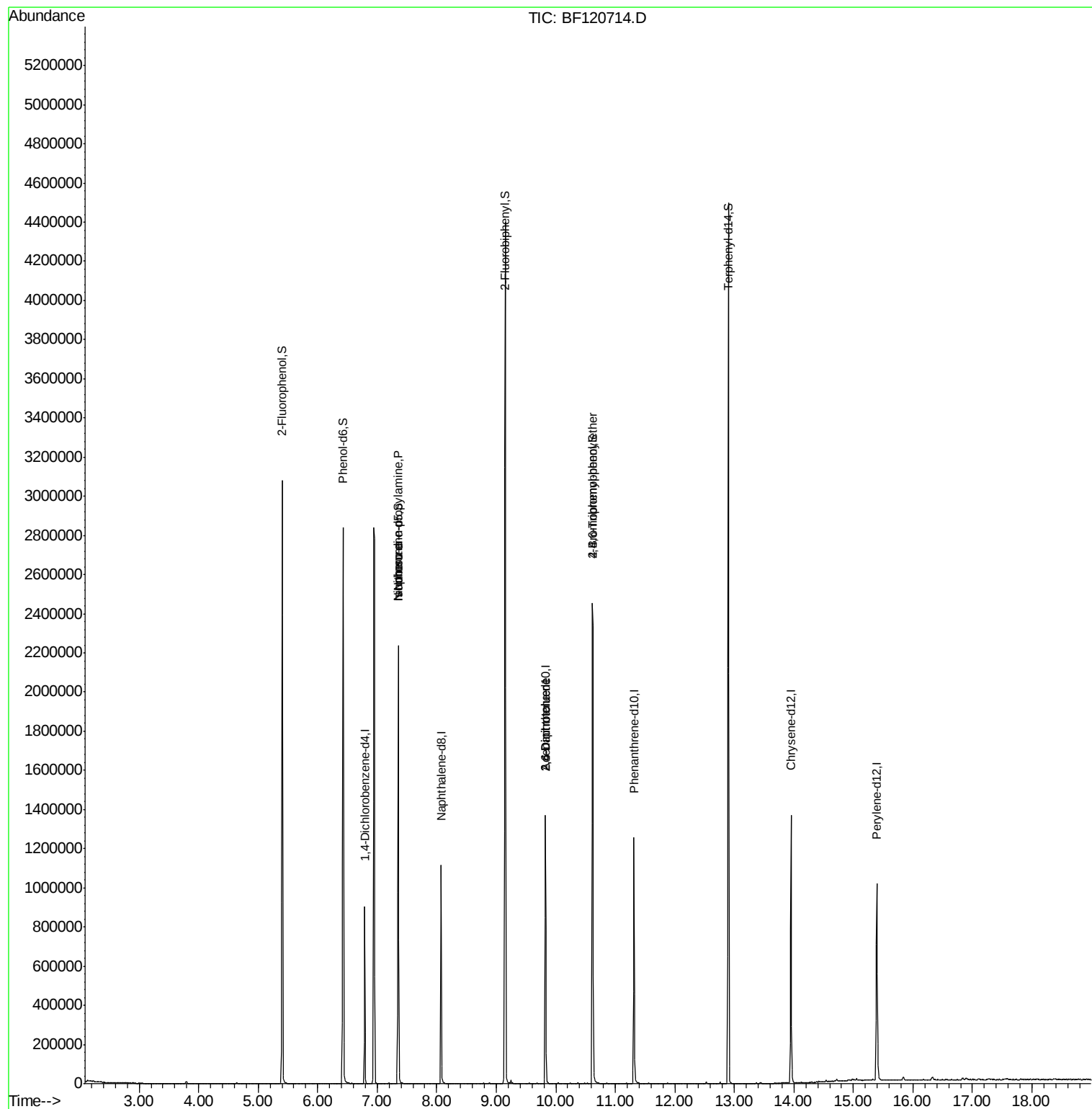
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140808	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	538133	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	285222	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	571431	20.00	ng	0.00
76) Chrysene-d12	13.95	240	510722	20.00	ng	-0.01
86) Perylene-d12	15.39	264	522970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	967701	117.83	ng	-0.01
7) Phenol-d6	6.43	99	1194892	116.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	763364	79.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	376715	113.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1445281	77.53	ng	-0.01
79) Terphenyl-d14	12.90	244	1828530	79.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	99284	16.732	ng	# 79
25) Isophorone	7.36	82	756270	40.327	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	35436	7.612	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	35436	5.736	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	21577	3.327	ng	# 1

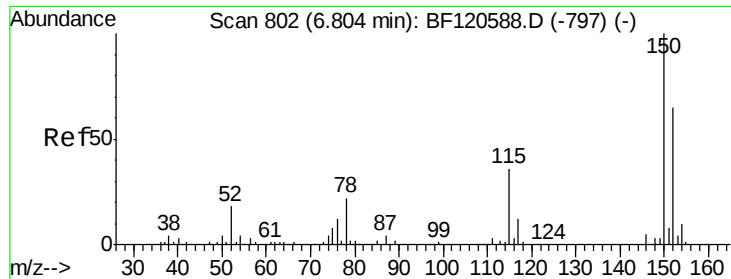
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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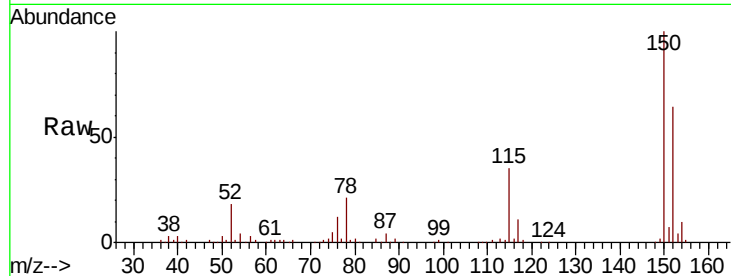


#1

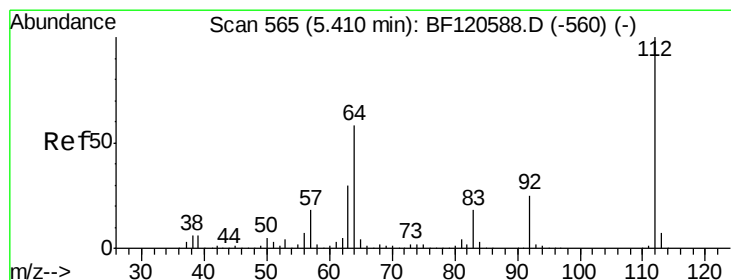
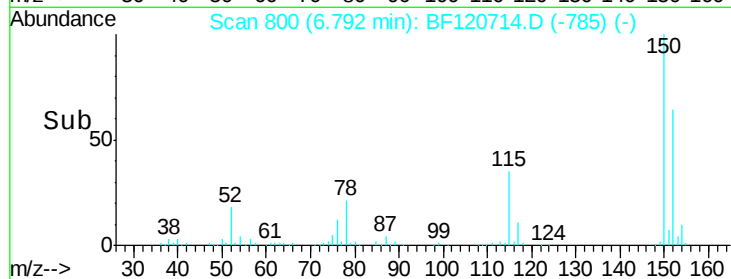
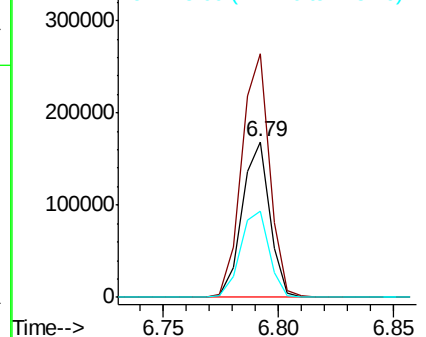
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PB129807TB

Tot Ion:152 Resp: 140808
Ion Ratio Lower Upper
152 100
150 156.8 123.2 184.8
115 55.3 43.9 65.9



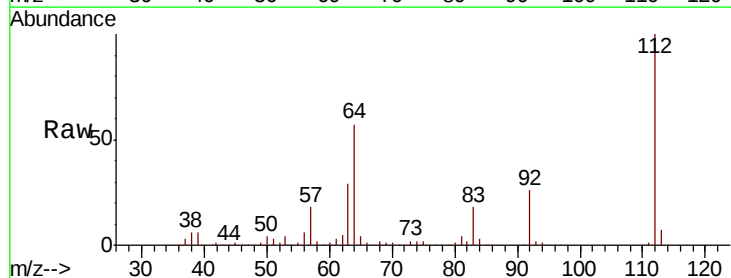
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



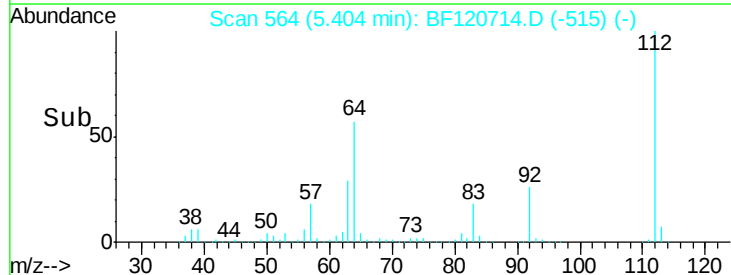
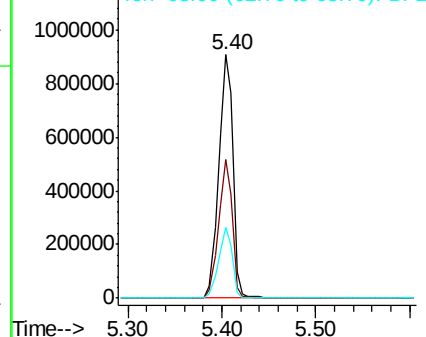
#5

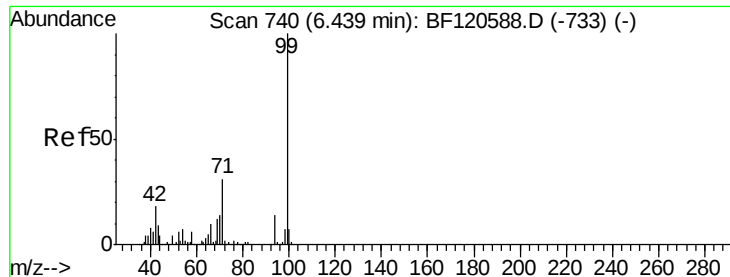
2-Fluorophenol
Concen: 117.826 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Tgt Ion:112 Resp: 967701
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.1 23.7 35.5



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: 116.811 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120714.D

Acq: 26 Jun 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PB129807TB

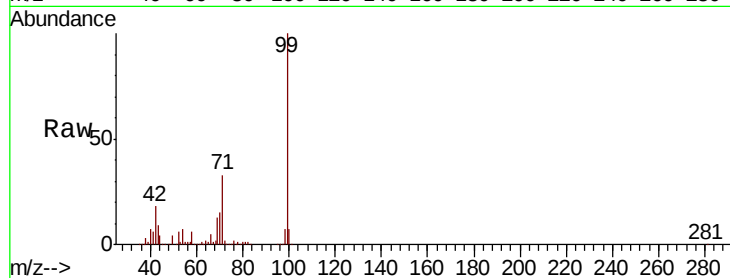
Tot Ion: 99 Resp: 1194892

Ion Ratio Lower Upper

99 100

42 18.0 14.0 21.0

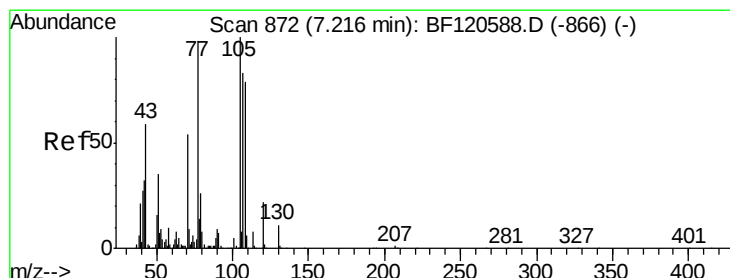
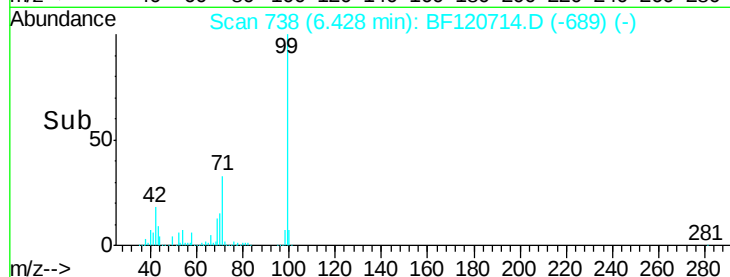
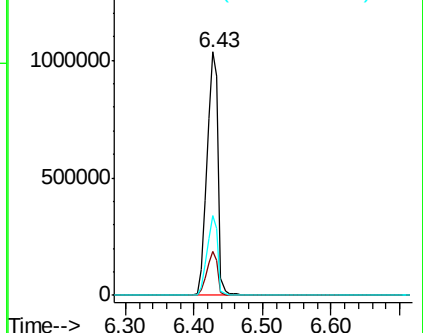
71 32.8 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.732 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120714.D

Acq: 26 Jun 2020 17:43

Tgt Ion: 70 Resp: 99284

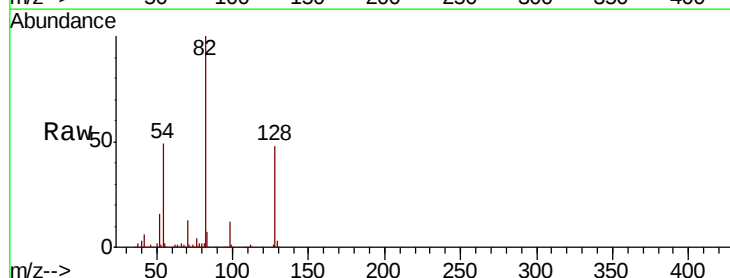
Ion Ratio Lower Upper

70 100

42 49.1 47.7 71.5

101 0.0 7.6 11.4#

130 2.2 16.7 25.1#

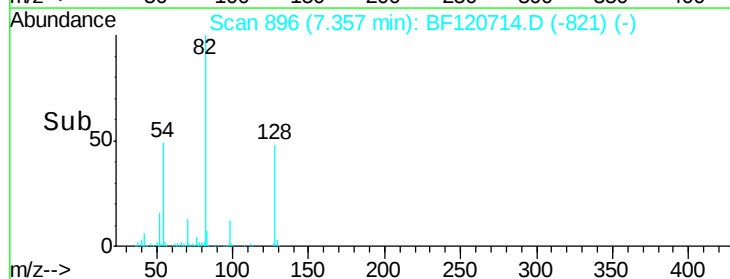
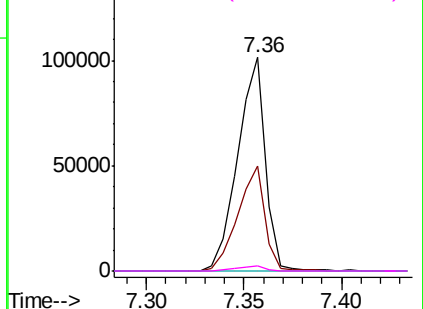


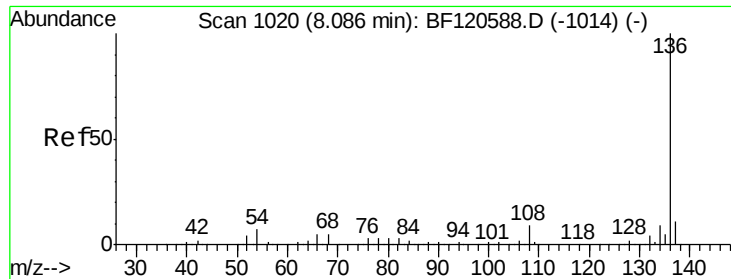
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

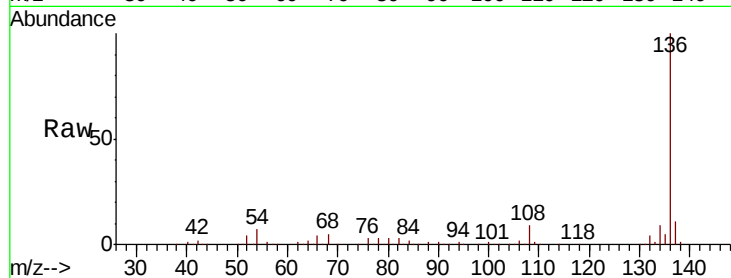




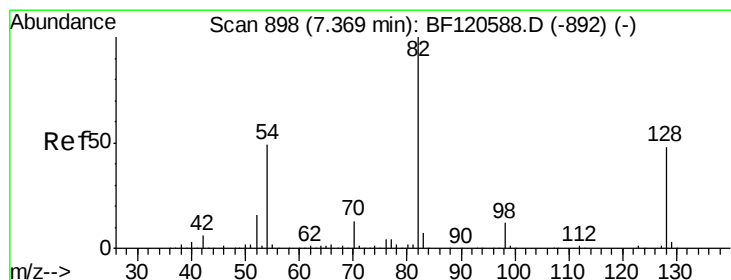
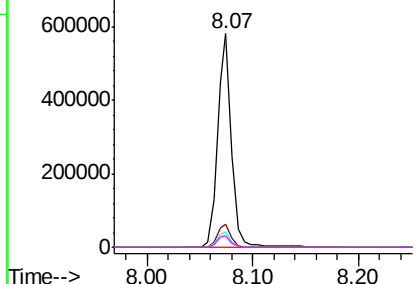
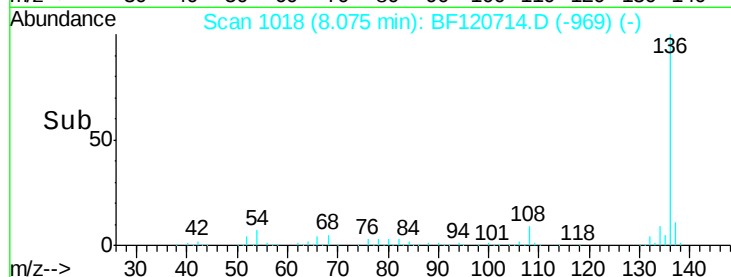
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PB129807TB

Tot Ion:136	Resp:	538133
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	7.0	5.8 8.6
68	5.4	4.4 6.6

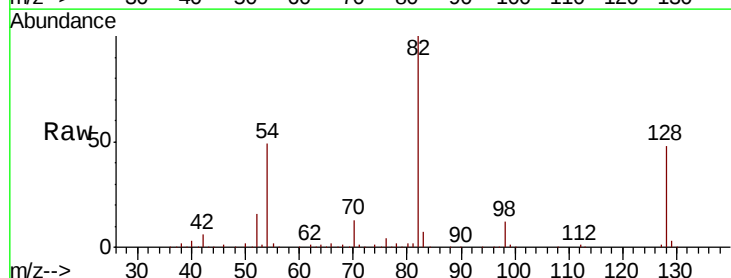


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

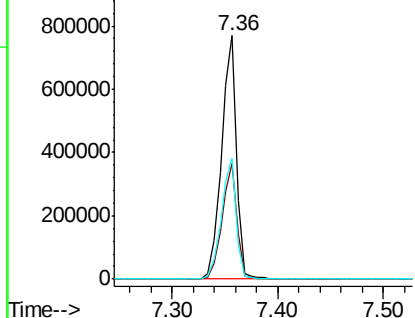
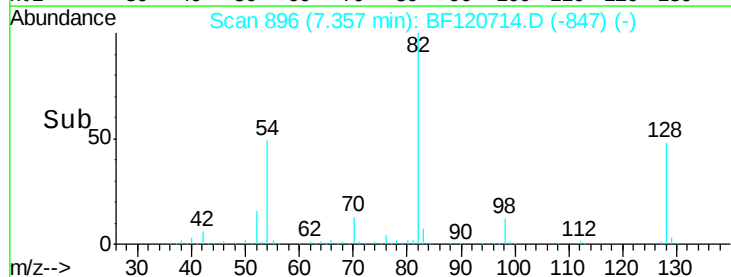


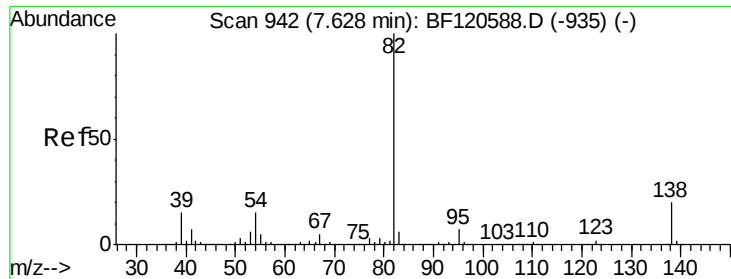
#23
Nitrobenzene-d5
Concen: 79.292 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Tgt Ion: 82	Resp:	763364
Ion Ratio	Lower	Upper
82	100	
128	47.7	38.0 57.0
54	49.5	38.8 58.2



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





#25

Isophorone

Concen: 40.327 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120714.D

Acq: 26 Jun 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PB129807TB

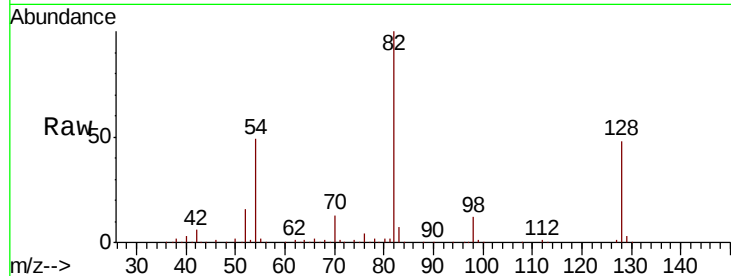
Tot Ion: 82 Resp: 756270

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

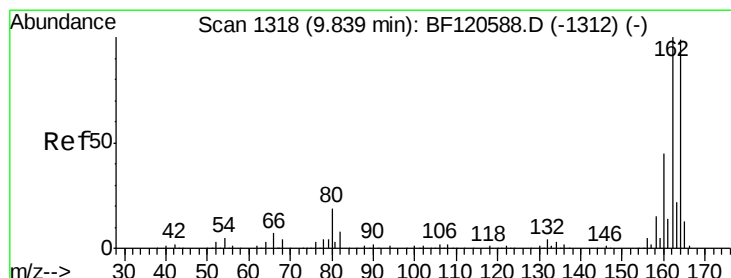
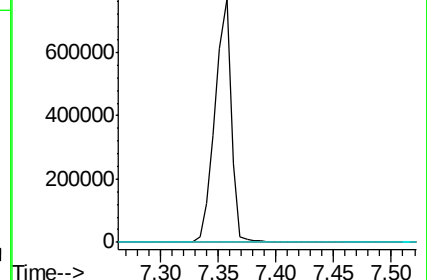
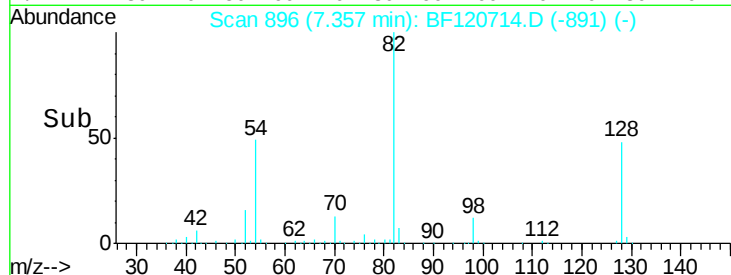
138 0.0 16.2 24.4#



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: BF120714.D

Acq: 26 Jun 2020 17:43

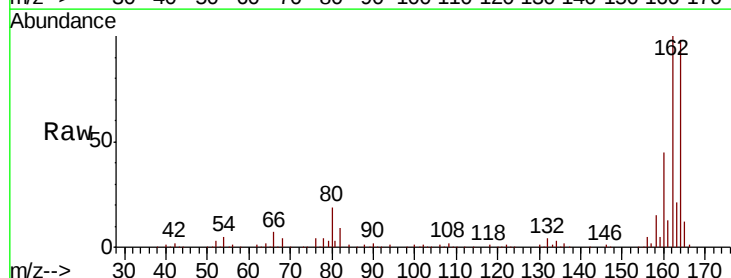
Tgt Ion: 164 Resp: 285222

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

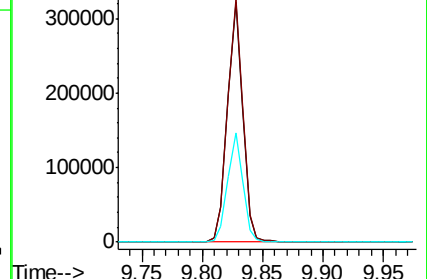
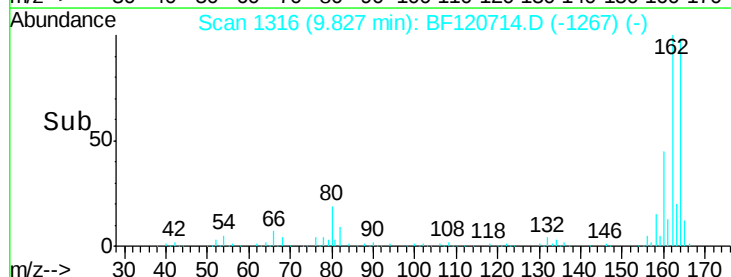
160 45.5 36.2 54.2

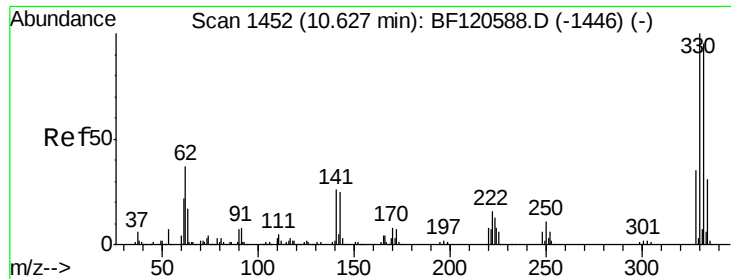


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

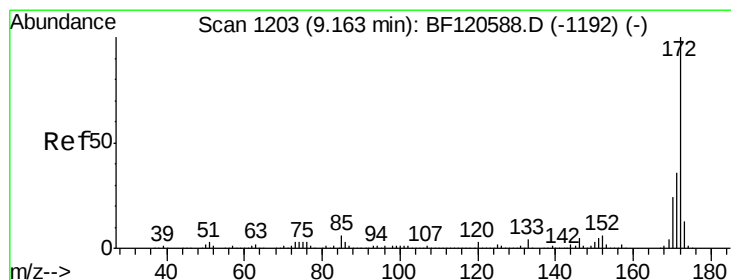
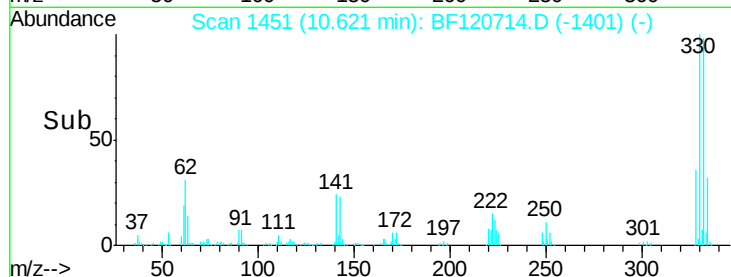
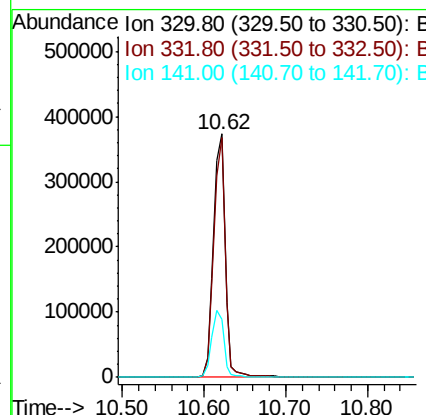
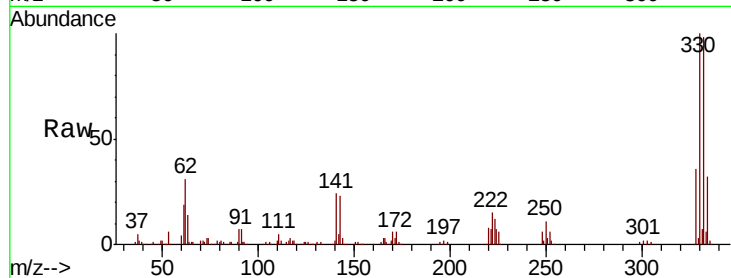




#42
 2,4,6-Tribromophenol
 Concen: 113.602 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120714.D
 Acq: 26 Jun 2020 17:43

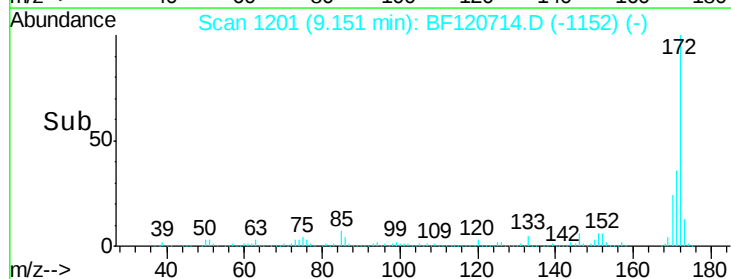
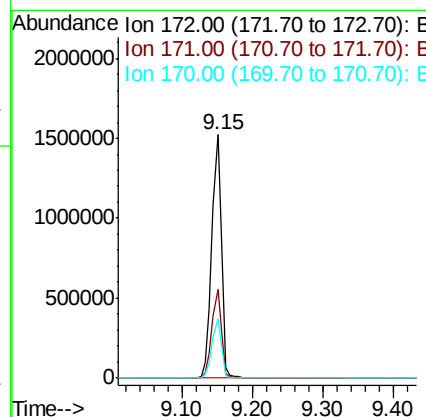
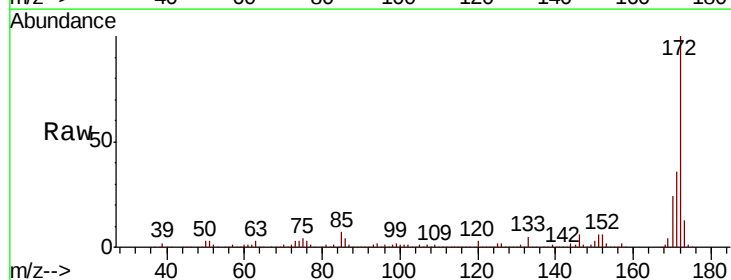
Instrument :
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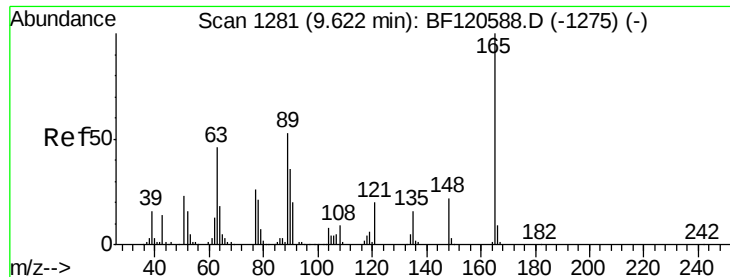
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	28.4	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 77.528 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120714.D
 Acq: 26 Jun 2020 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.2	19.4	29.2





#51

2,6-Dinitrotoluene

Concen: 7.612 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF120714.D

Acq: 26 Jun 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PB129807TB

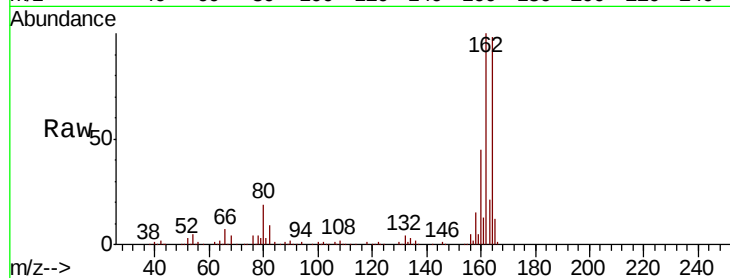
Tot Ion:165 Resp: 35436

Ion Ratio Lower Upper

165 100

63 0.9 41.7 62.5#

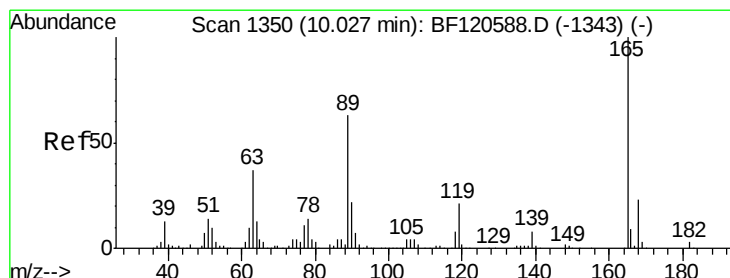
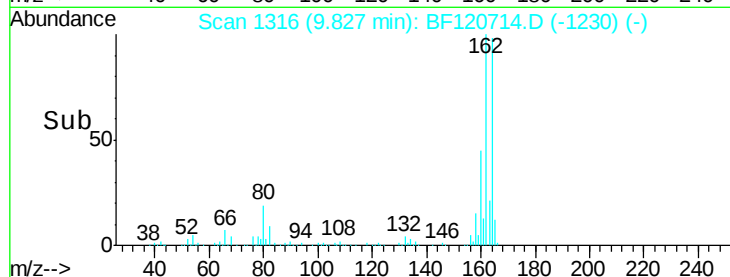
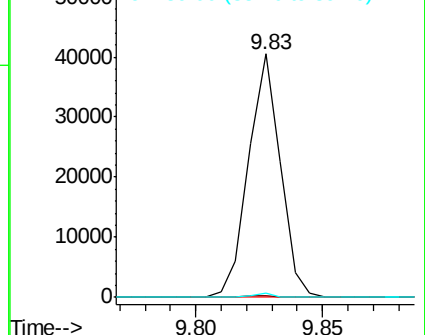
89 1.5 42.6 64.0#



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: 5.736 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120714.D

Acq: 26 Jun 2020 17:43

Tgt Ion:165 Resp: 35436

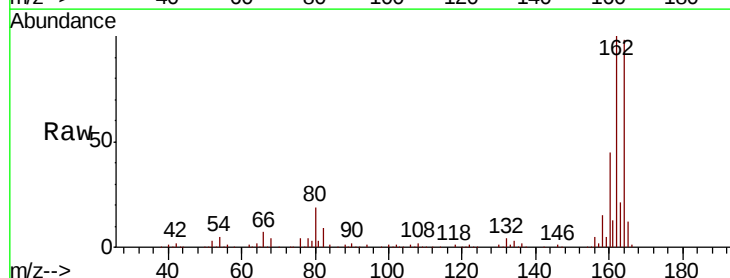
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.8#

89 1.5 50.4 75.6#

182 0.0 2.1 3.1#

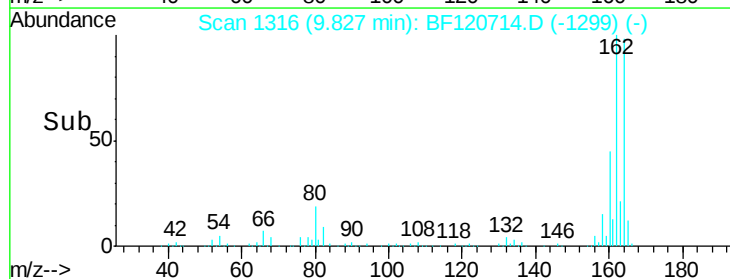
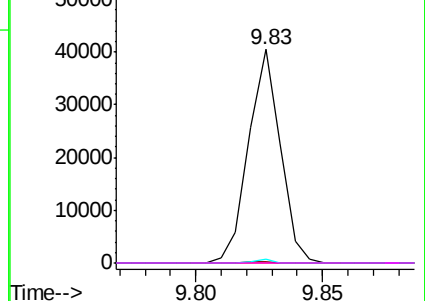


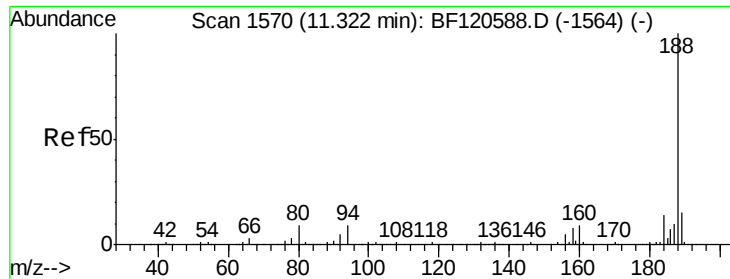
Abundance Ion 165.00 (164.70 to 165.70): E

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

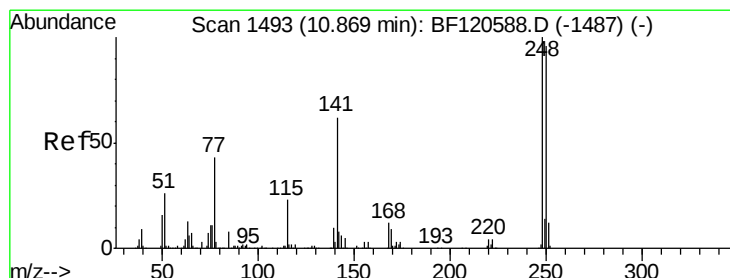
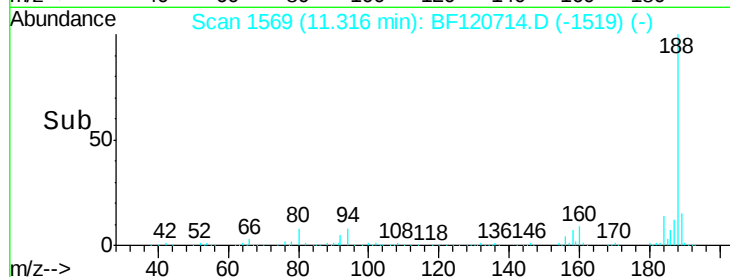
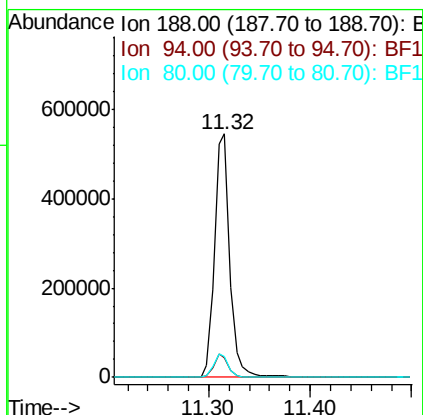
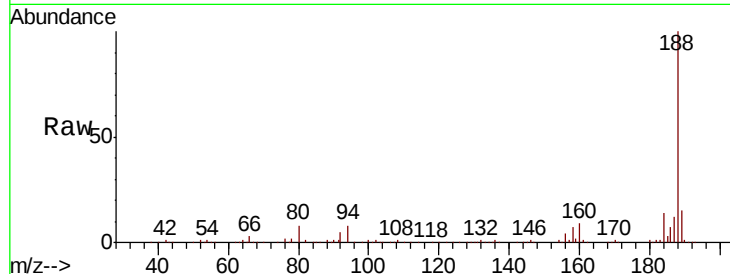




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

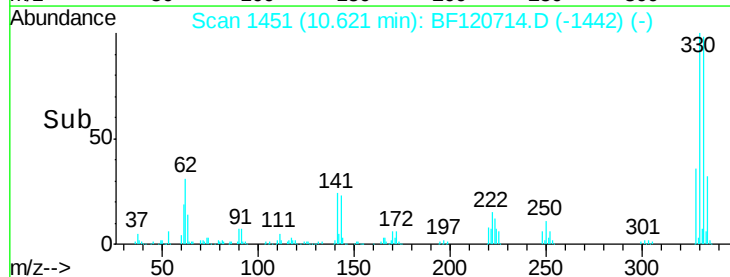
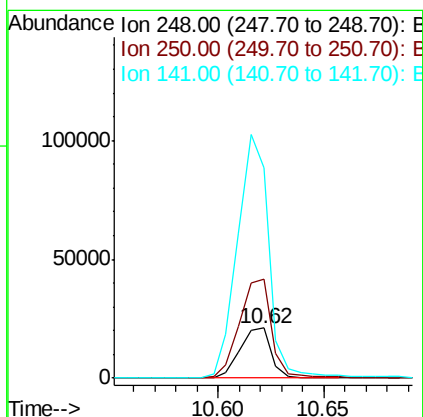
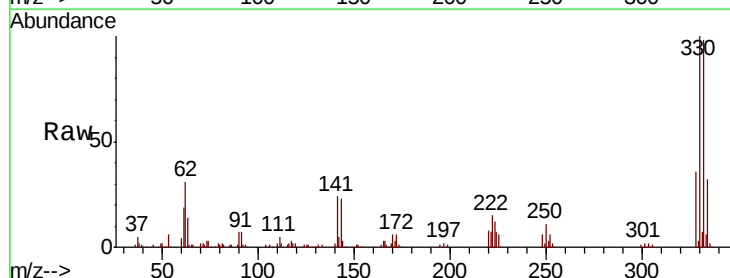
Instrument :
BNA_F
ClientSampleId :
PB129807TB

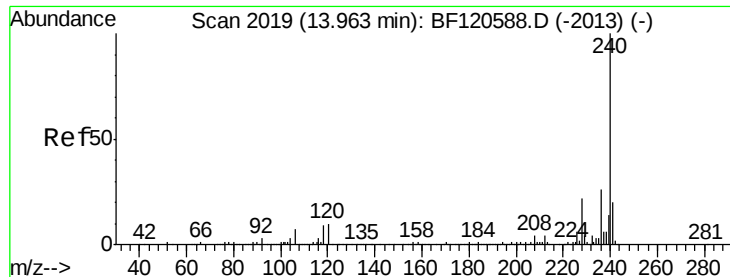
Tot Ion:188 Resp: 571431
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.4 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.327 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Tgt Ion:248 Resp: 21577
Ion Ratio Lower Upper
248 100
250 198.0 76.7 115.1#
141 421.3 49.4 74.0#

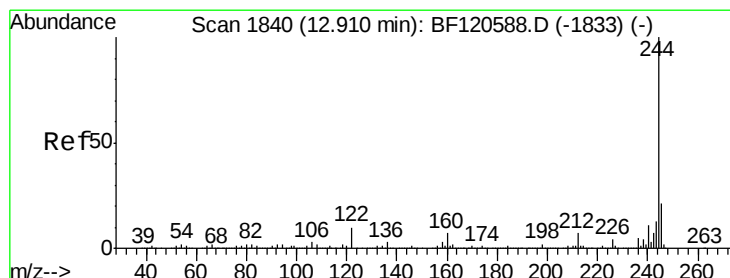
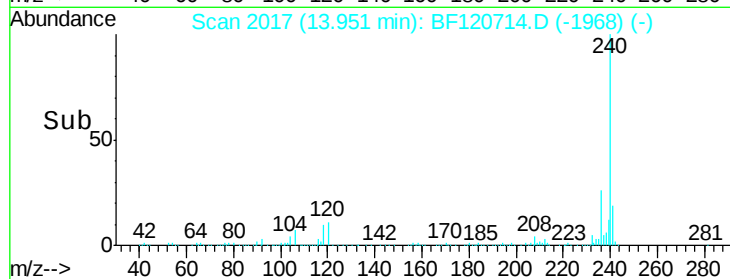
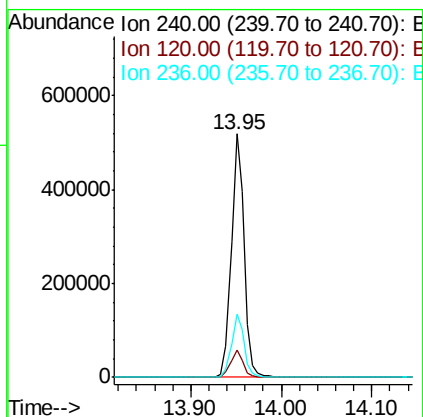
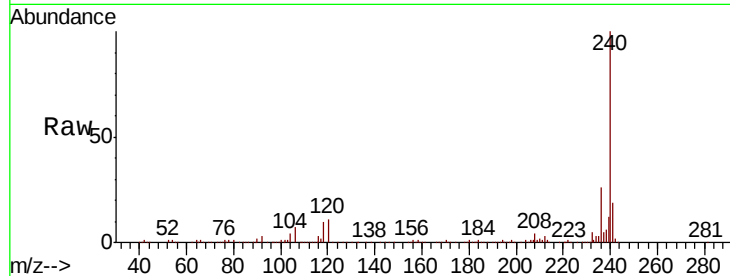




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120714.D
 Acq: 26 Jun 2020 17:43

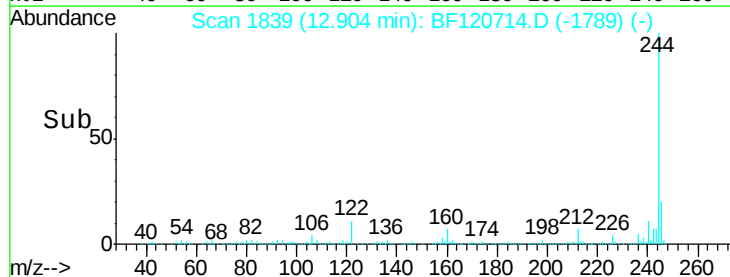
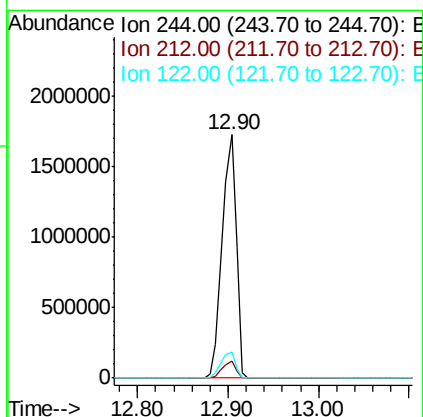
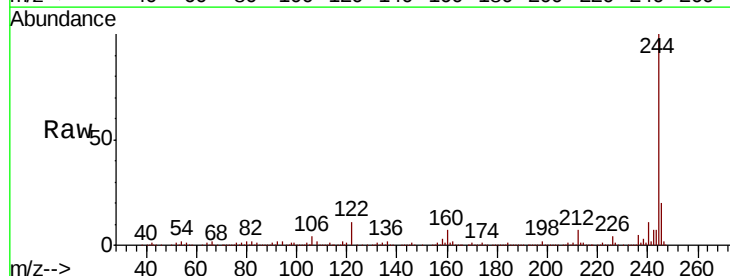
Instrument :
 BNA_F
 ClientSampleId :
 PB129807TB

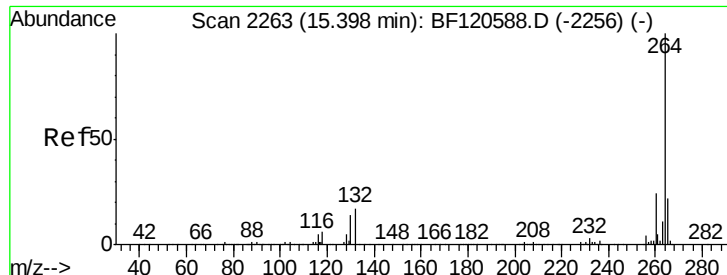
Tot Ion:240 Resp: 510722
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.9 21.0 31.4



#79
 Terphenyl-d14
 Concen: 79.084 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120714.D
 Acq: 26 Jun 2020 17:43

Tgt Ion:244 Resp: 1828530
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.6 8.3 12.5

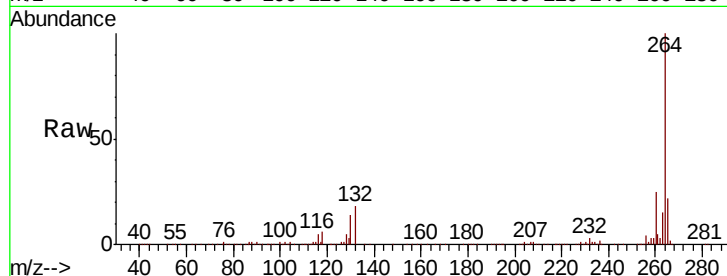




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120714.D
Acq: 26 Jun 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PB129807TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	22.2	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

