

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120619.D
 Acq On : 15 Jun 2020 14:22
 Operator : JU/CG
 Sample : PB129537BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Quant Time: Jun 15 15:18:05 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	6.80	152	169297	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	635915	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	336021	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	662654	20.00	ng	0.00
76) Chrysene-d12	13.95	240	573591	20.00	ng	-0.01
86) Perylene-d12	15.39	264	620420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1156427	117.11	ng	0.00
7) Phenol-d6	6.43	99	1460274	118.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	939147	82.55	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	475628	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1727600	78.66	ng	0.00
79) Terphenyl-d14	12.90	244	2164496	83.35	ng	0.00

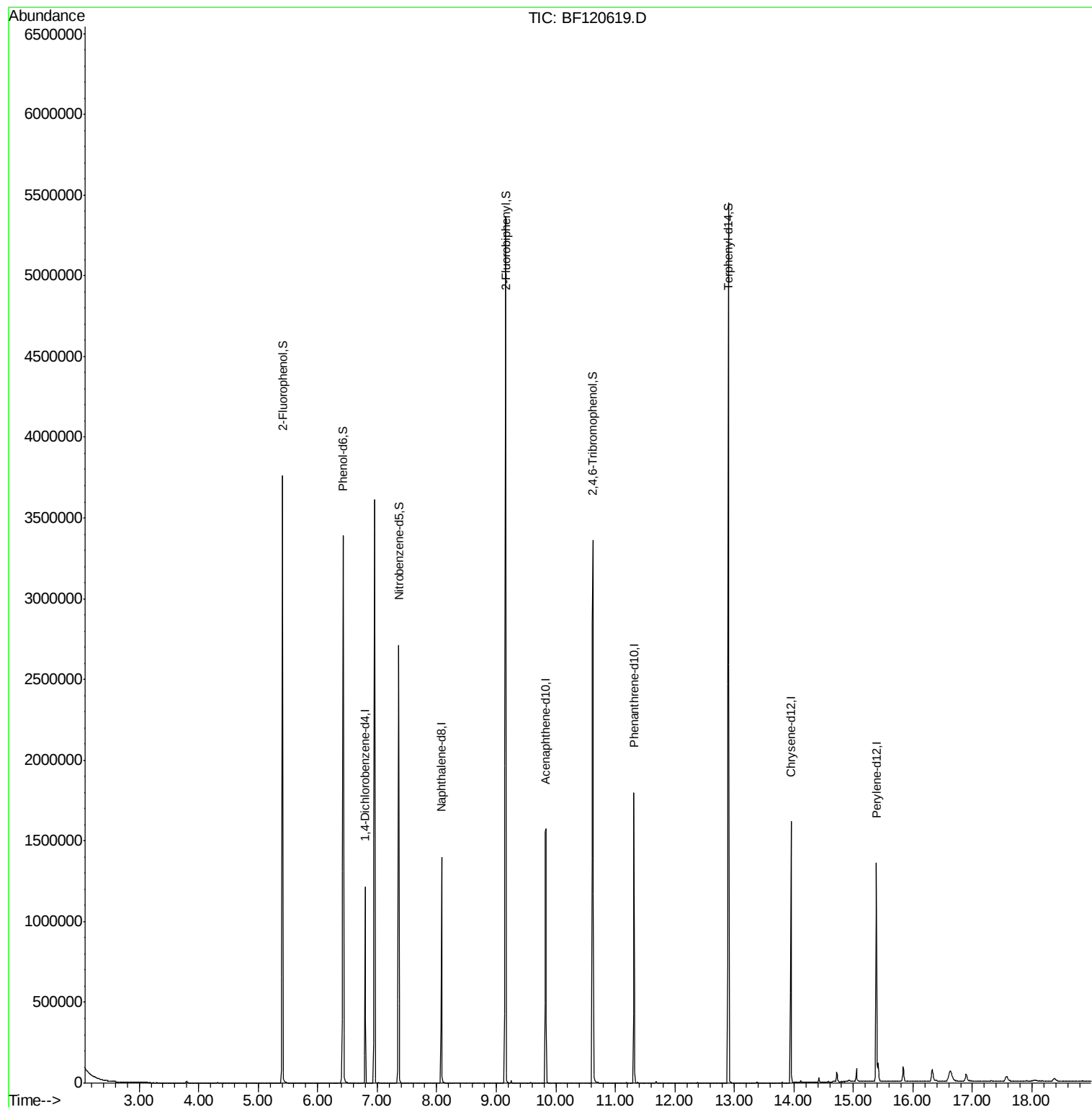
Target Compounds Qvalue

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

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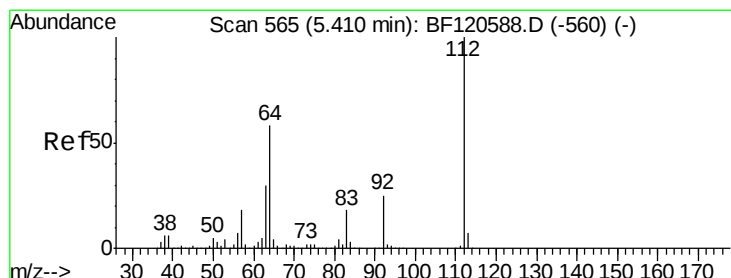
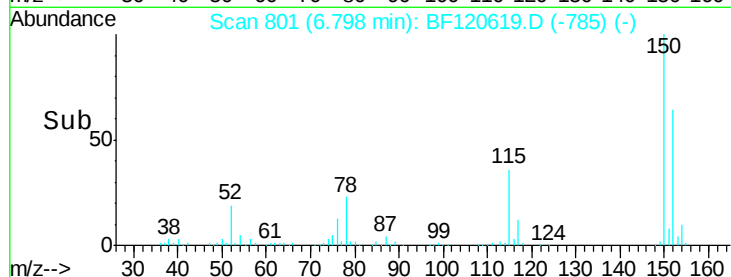
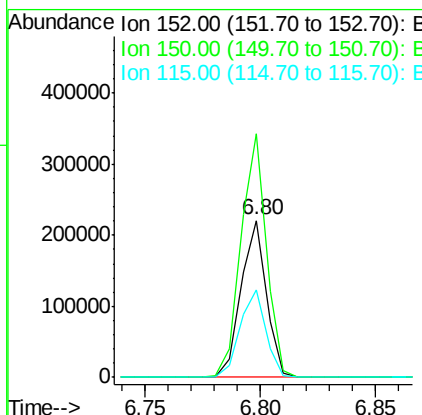
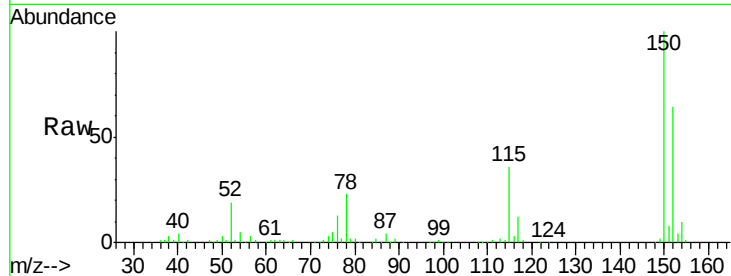


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120619.D
Acq: 15 Jun 2020 14:22

Instrument :
BNA_F
ClientSampled :
PB129537BL

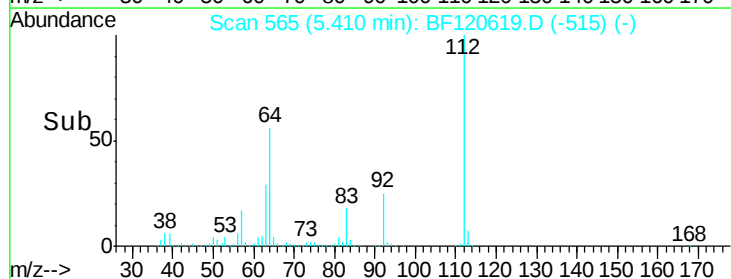
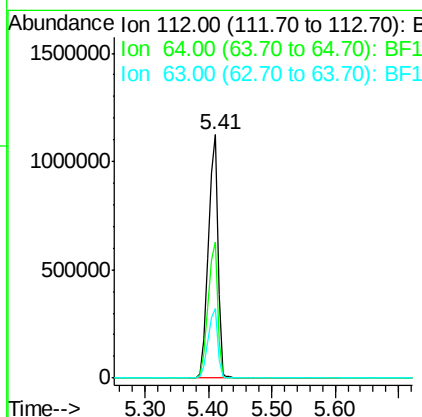
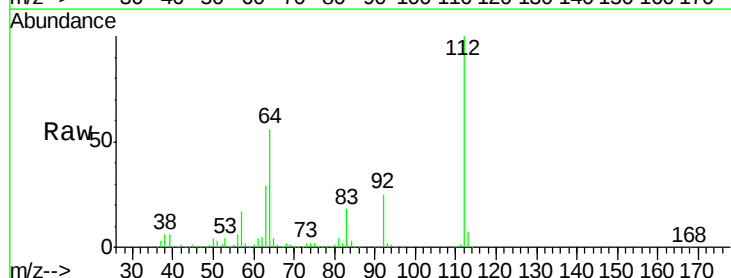
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.2	184.8
115	56.2	43.9	65.9

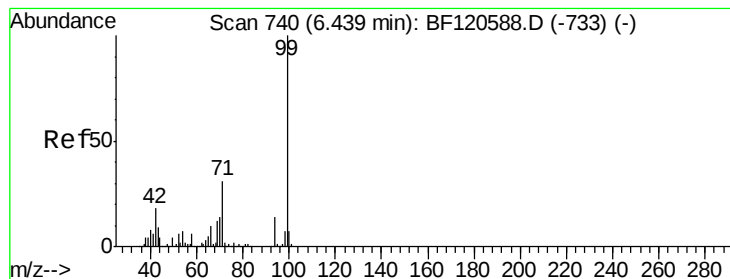


#5

2-Fluorophenol
Concen: 117.110 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120619.D
Acq: 15 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 118.732 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Instrument :

BNA_F

ClientSampleId :

PB129537BL

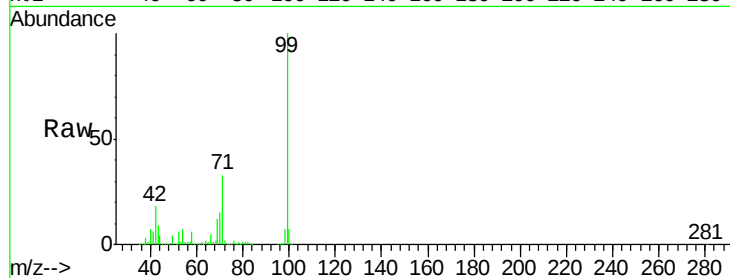
Tot Ion: 99 Resp: 1460274

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

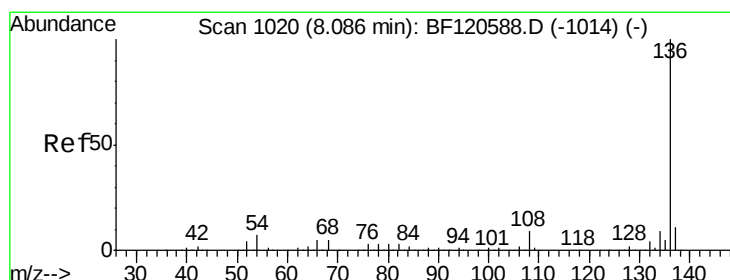
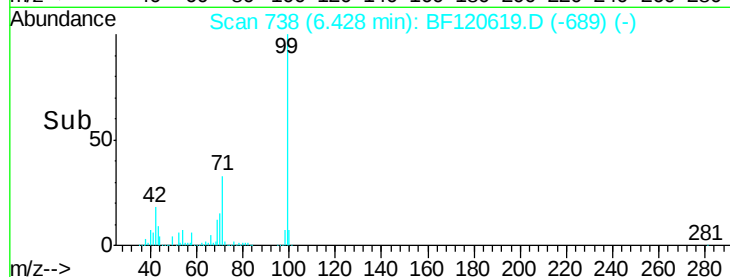
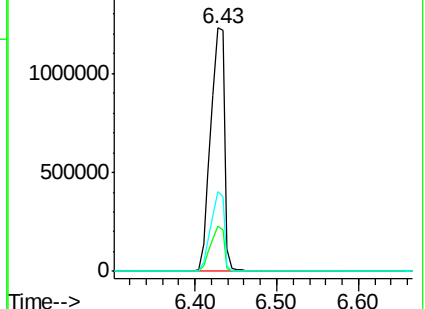
71 32.6 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Tgt Ion: 136 Resp: 635915

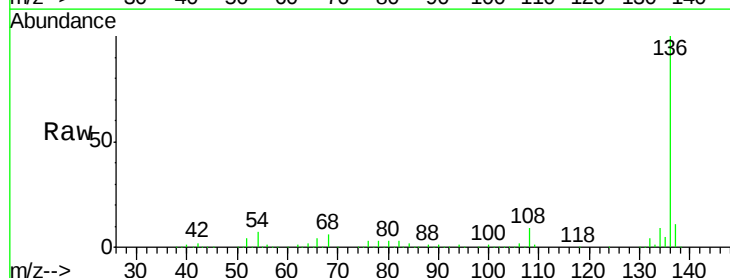
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.8 5.8 8.6

68 5.5 4.4 6.6

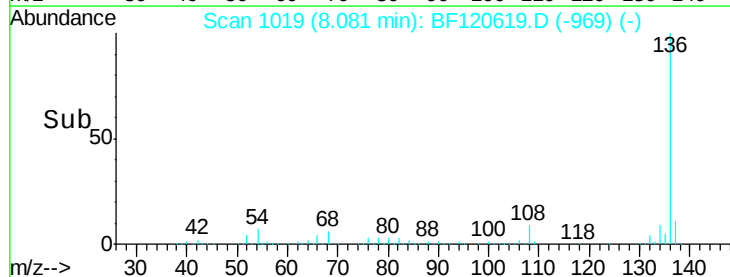
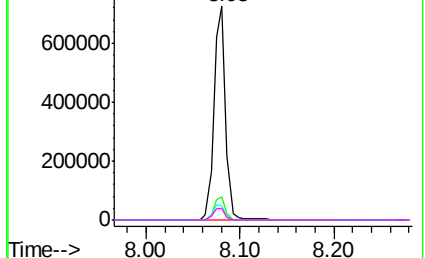


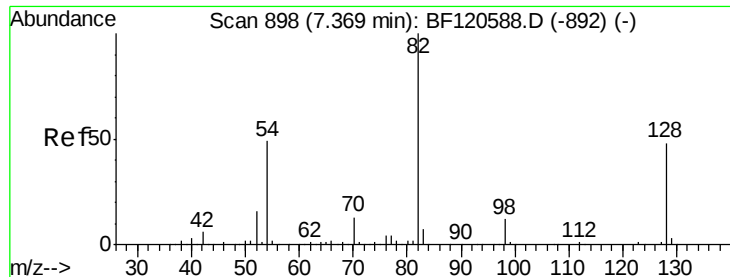
Abundance Ion 136.00 (135.70 to 136.70): E

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

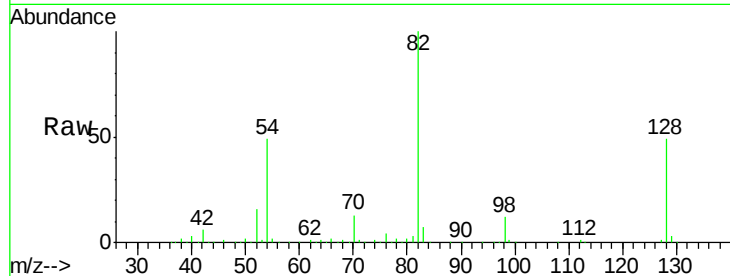




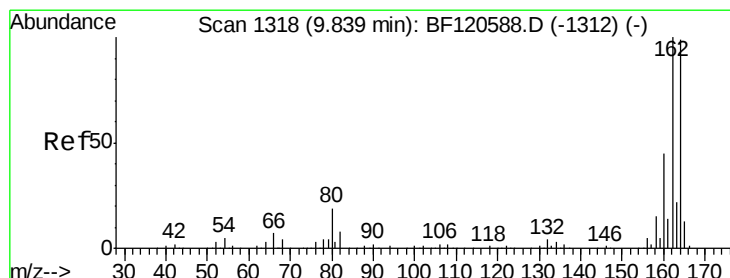
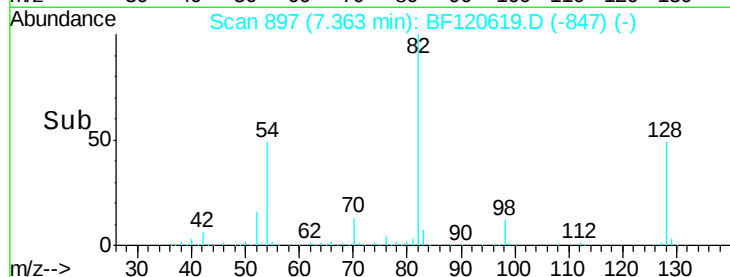
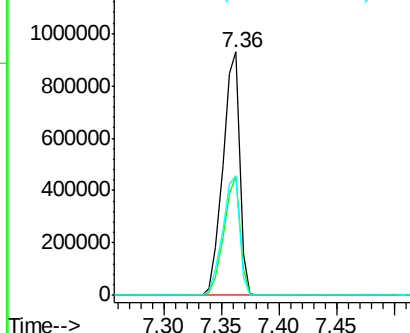
#23
 Nitrobenzene-d5
 Concen: 82.551 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Tot Ion	82	Resp	939147
Ion Ratio	Lower	Upper	
82	100		
128	49.0	38.0	57.0
54	48.9	38.8	58.2

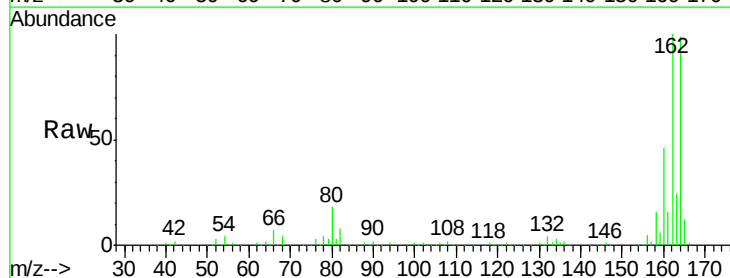


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

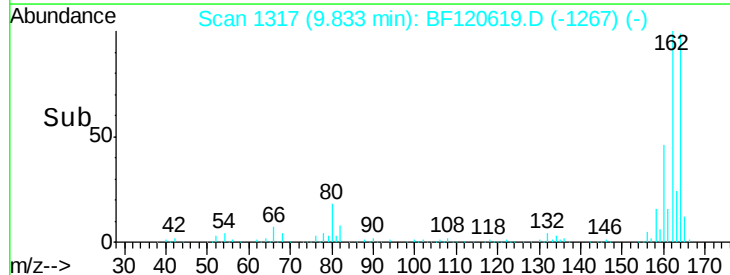
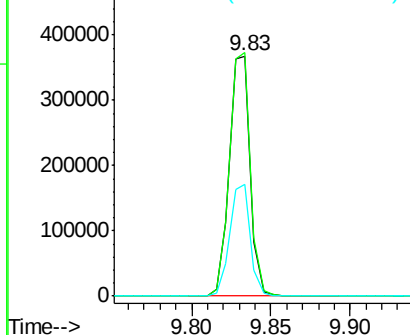


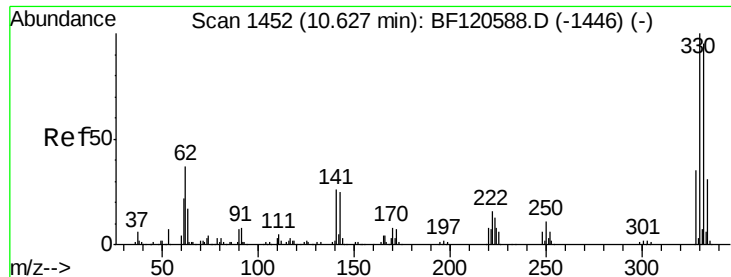
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion	164	Resp	336021
Ion Ratio	Lower	Upper	
164	100		
162	101.4	80.6	120.8
160	46.4	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

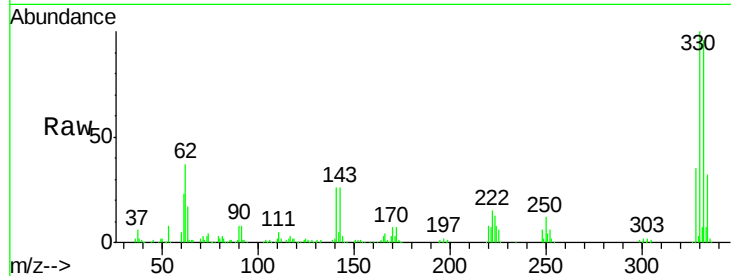




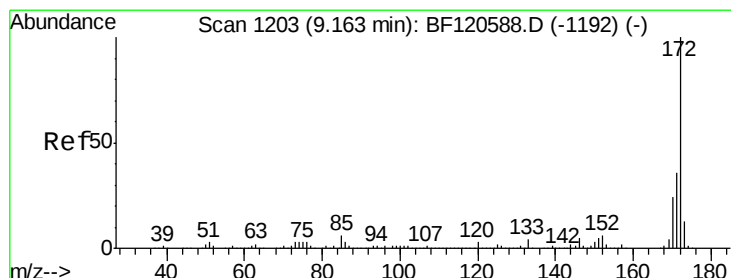
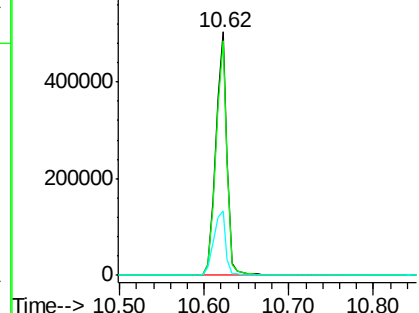
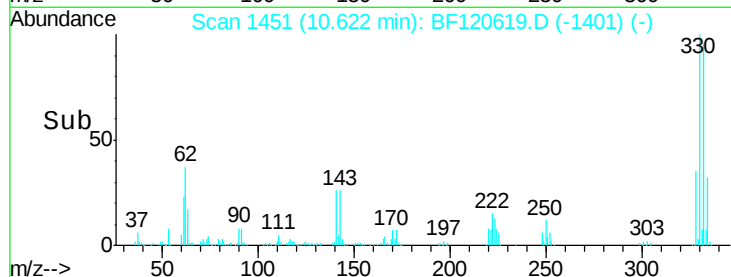
#42
 2,4,6-Tribromophenol
 Concen: 121.746 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB129537BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	28.5	23.2	34.8

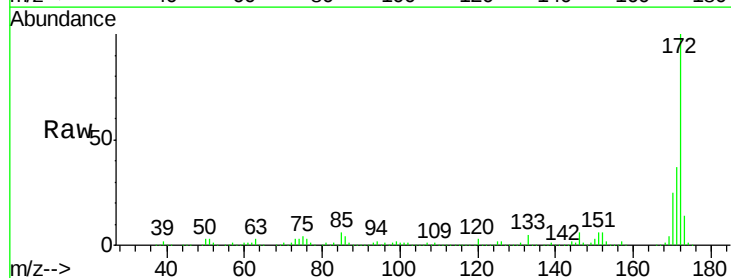


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

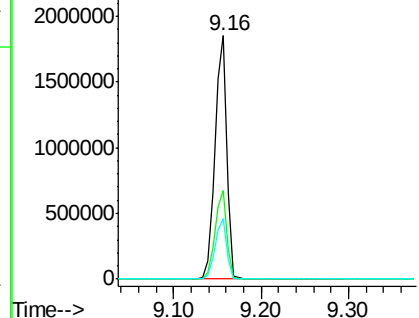
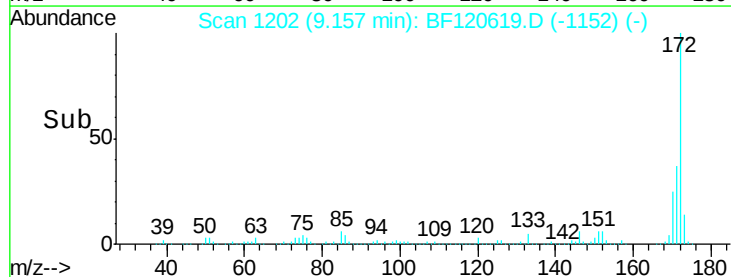


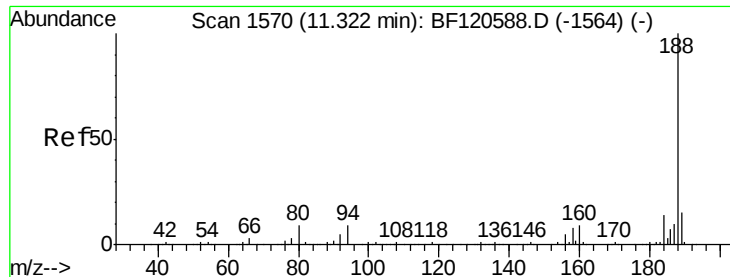
#45
 2-Fluorobiphenyl
 Concen: 78.662 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120619.D
 Acq: 15 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Instrument :

BNA_F

ClientSampleId :

PB129537BL

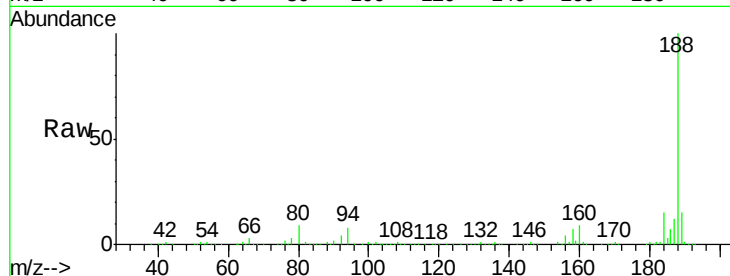
Tot Ion:188 Resp: 662654

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

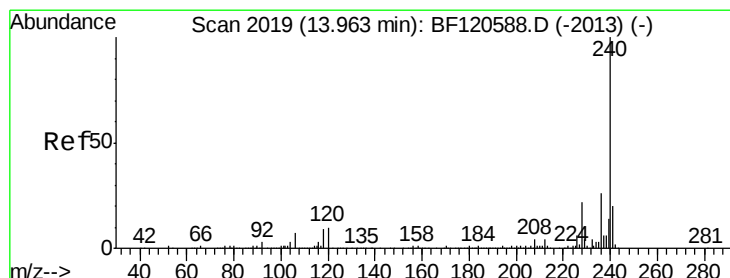
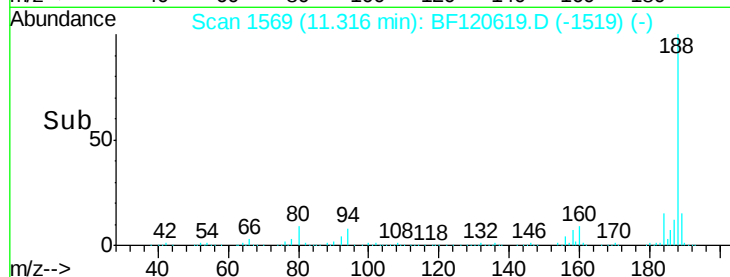
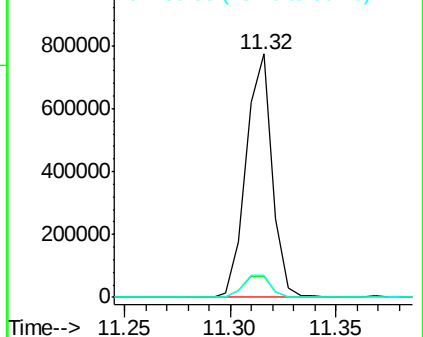
80 8.9 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

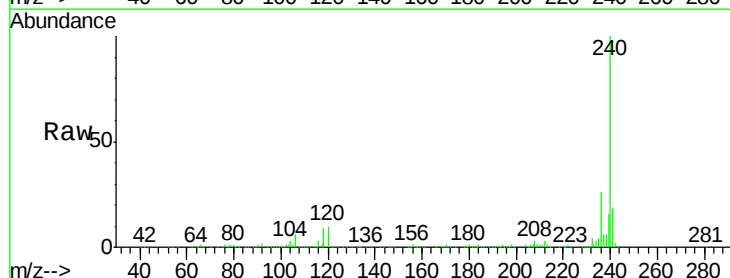
Tgt Ion:240 Resp: 573591

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

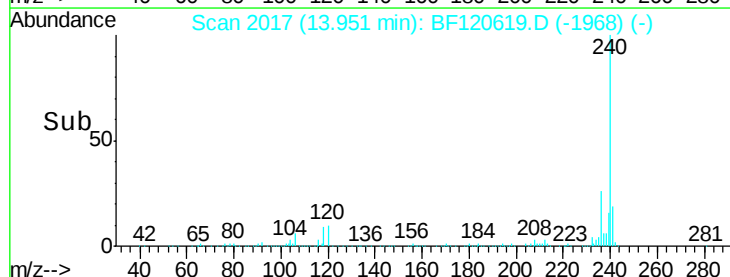
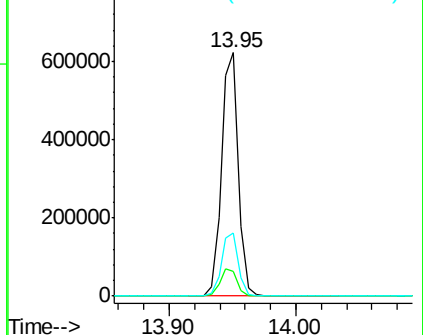
236 26.2 21.0 31.4

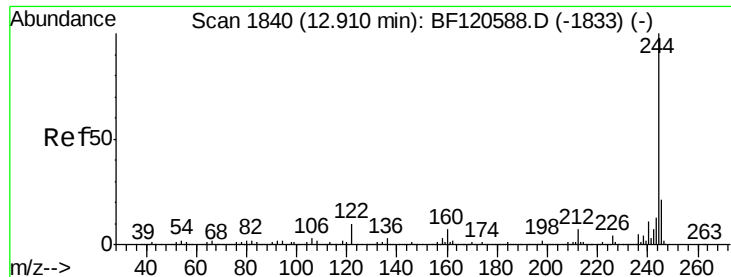


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.354 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Instrument :

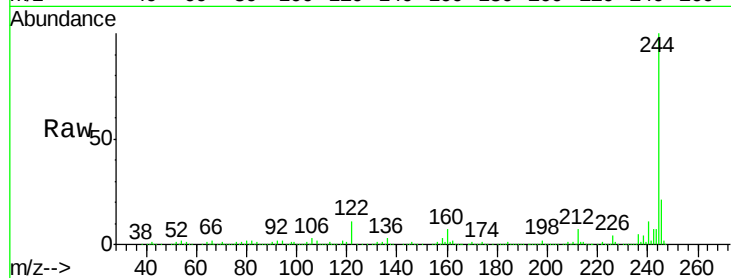
BNA_F

ClientSampled :

PB129537BL

Tot Ion:244 Resp: 2164496

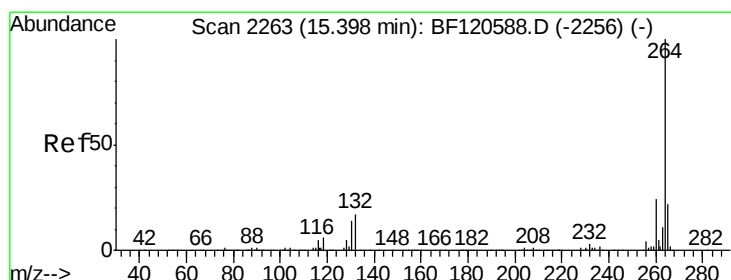
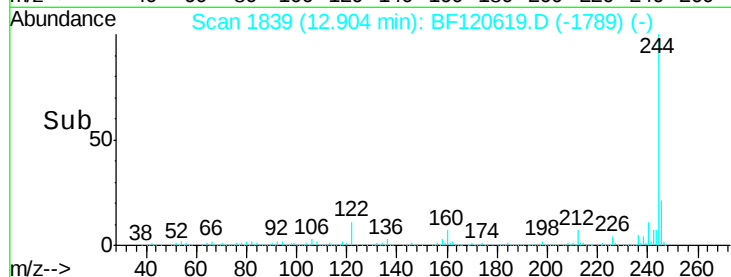
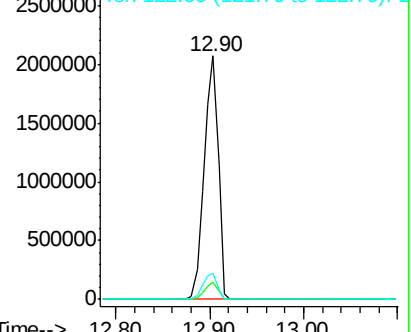
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.6	8.3	12.5



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: 15.39 min Scan# 2261

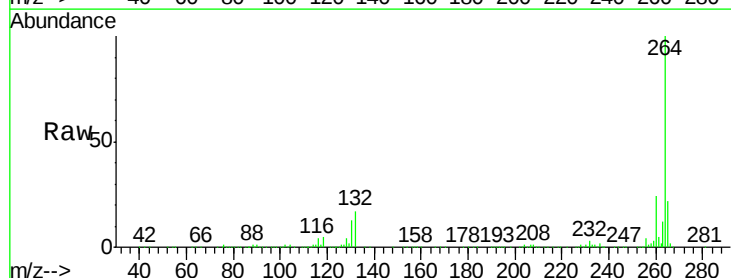
Delta R.T. -0.01 min

Lab File: BF120619.D

Acq: 15 Jun 2020 14:22

Tgt Ion:264 Resp: 620420

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.7	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

