

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120669.D
 Acq On : 19 Jun 2020 17:50
 Operator : JU/CG
 Sample : L2809-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061720

Quant Time: Jun 20 00:58:17 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	126379	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	423038	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	233922	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	481970	20.00	ng	0.00
76) Chrysene-d12	13.96	240	413158	20.00	ng	0.00
86) Perylene-d12	15.40	264	466225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	861385	116.86	ng	0.00
7) Phenol-d6	6.43	99	908331	98.94	ng	0.00
23) Nitrobenzene-d5	7.36	82	707783	93.52	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	385689	141.81	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1359983	88.95	ng	0.00
79) Terphenyl-d14	12.91	244	1970000	105.32	ng	0.00

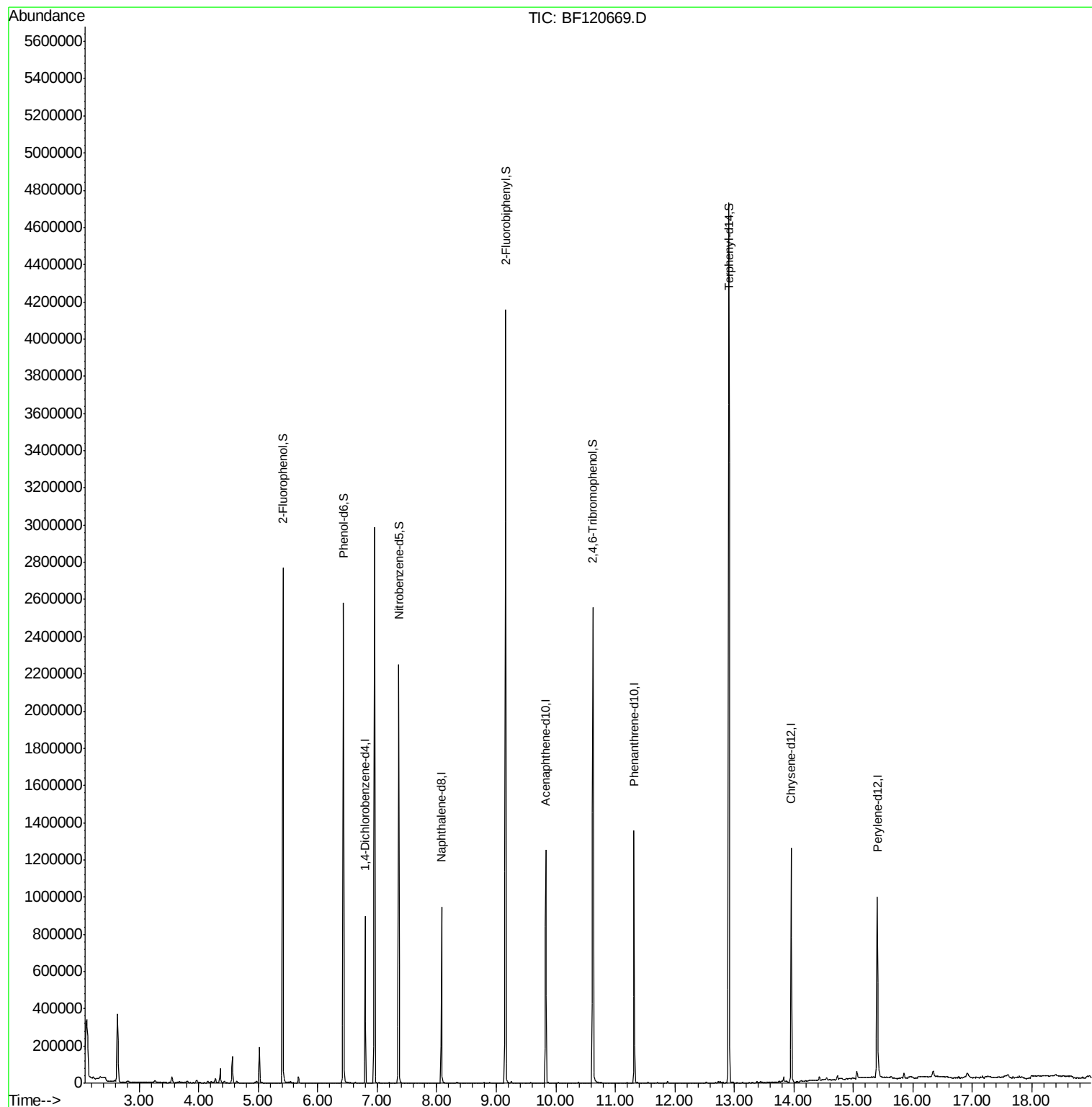
Target Compounds Qvalue

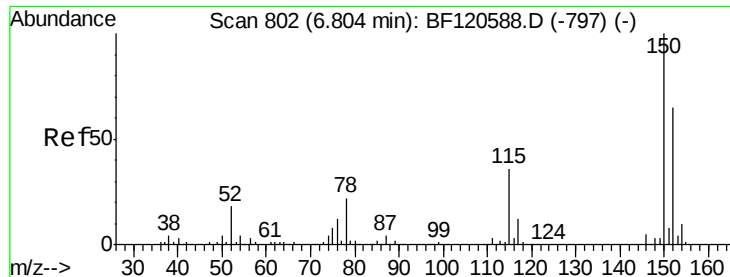
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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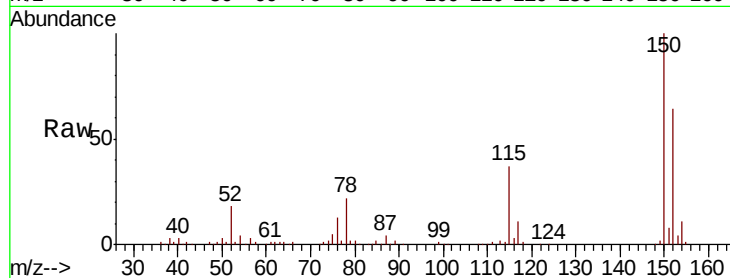


#1

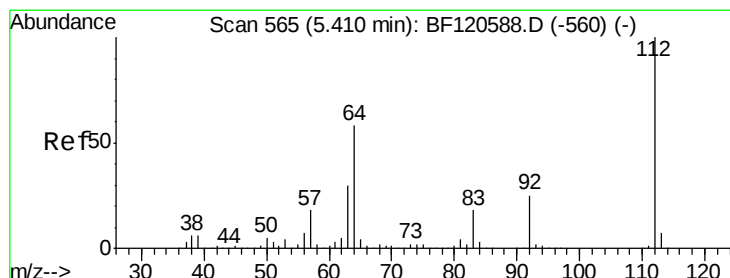
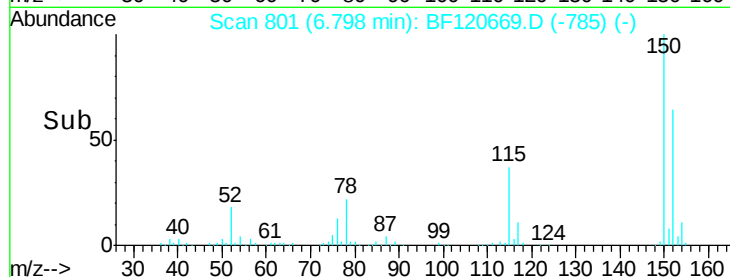
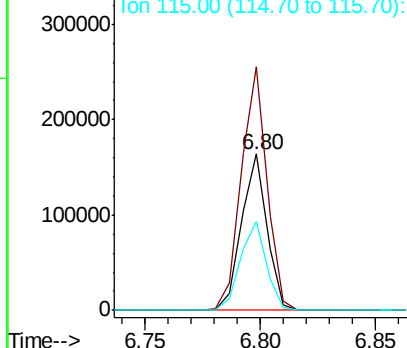
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061720

Tot Ion:152 Resp: 126379
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.2 184.8
 115 57.0 43.9 65.9



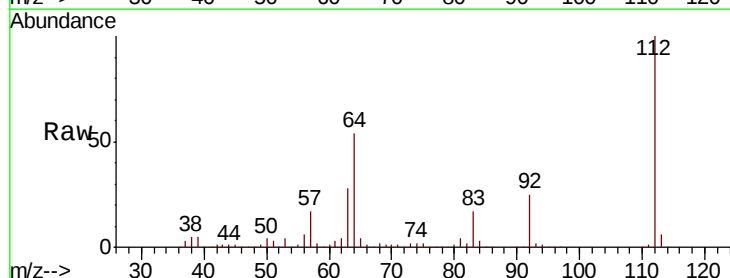
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



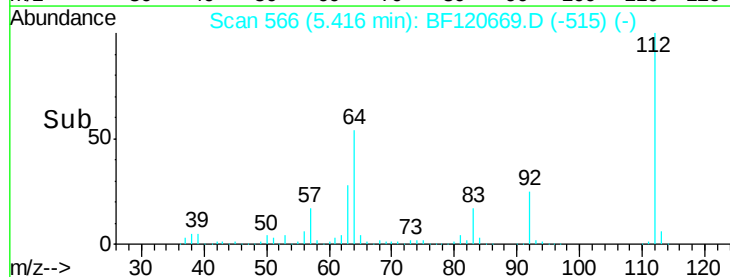
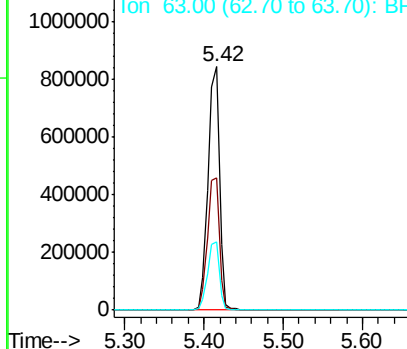
#5

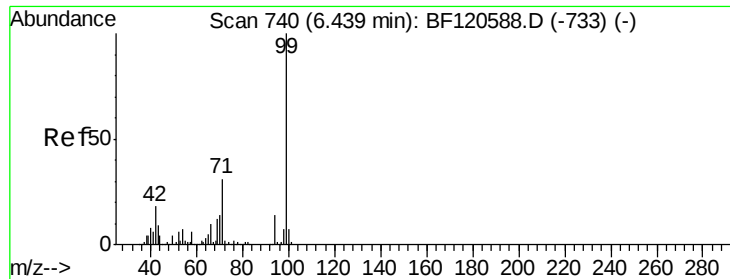
2-Fluorophenol
 Concen: 116.855 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

Tgt Ion:112 Resp: 861385
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.1 69.1
 63 27.9 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: 98.935 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120669.D

Acq: 19 Jun 2020 17:50

Instrument :

BNA_F

ClientSampleId :

HD-01-061720

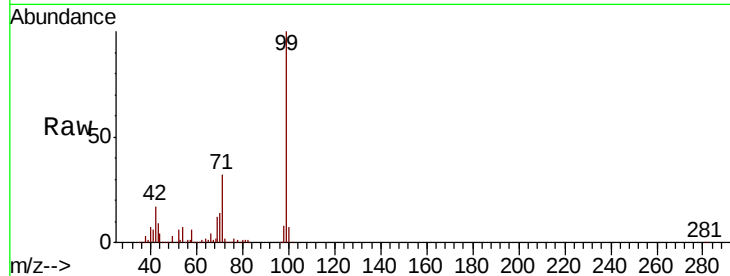
Tot Ion: 99 Resp: 908331

Ion Ratio Lower Upper

99 100

42 17.5 14.0 21.0

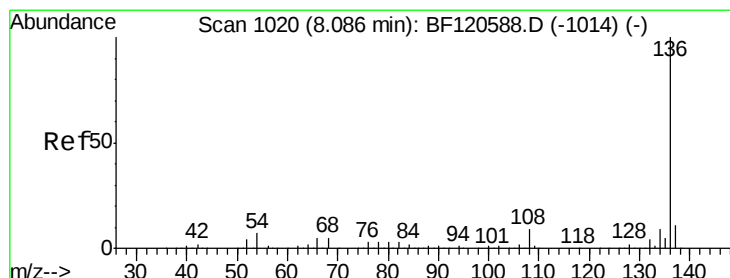
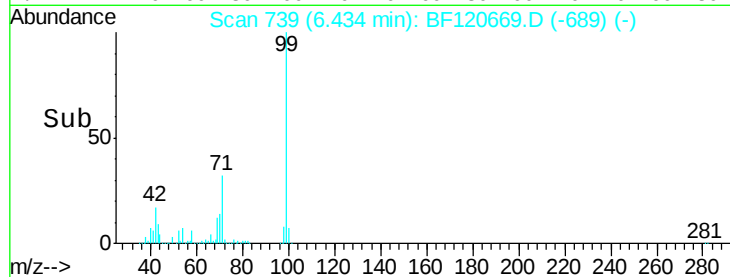
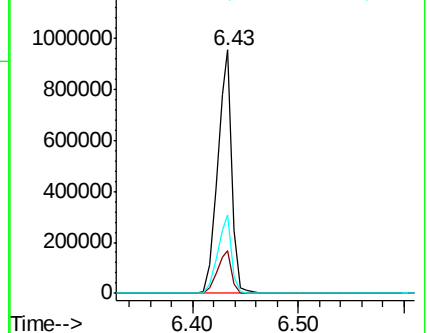
71 32.2 24.9 37.3



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: BF120669.D

Acq: 19 Jun 2020 17:50

Tgt Ion: 136 Resp: 423038

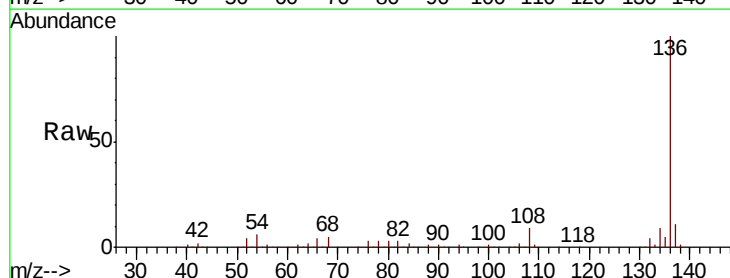
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.5 5.8 8.6

68 5.1 4.4 6.6

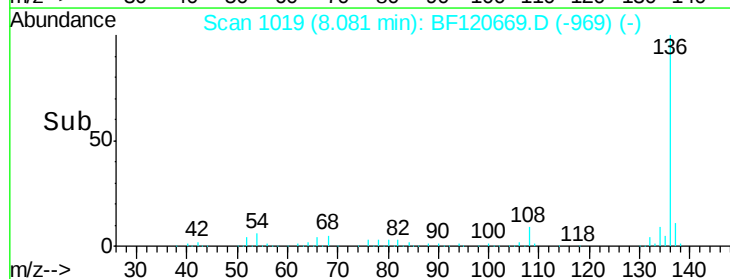
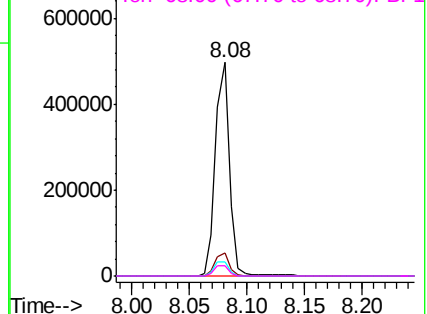


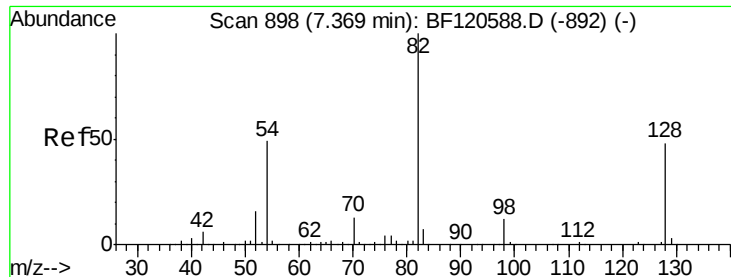
Abundance Ion 136.00 (135.70 to 136.70): E

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

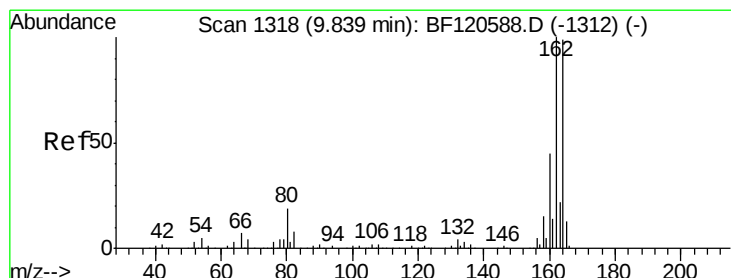
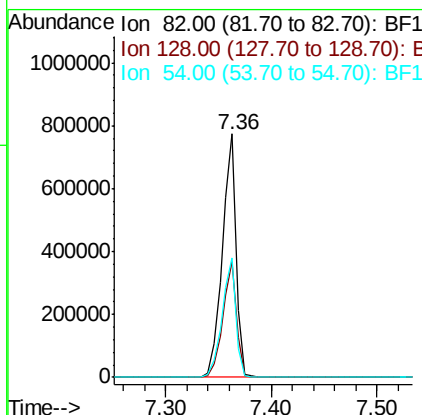
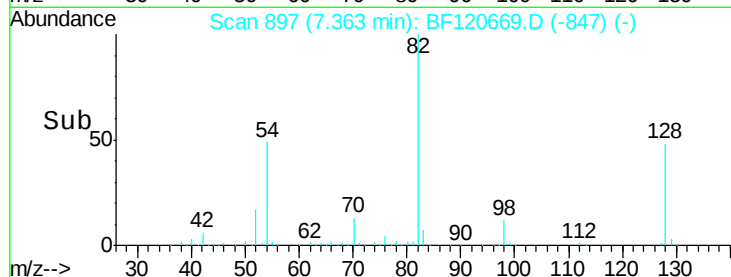
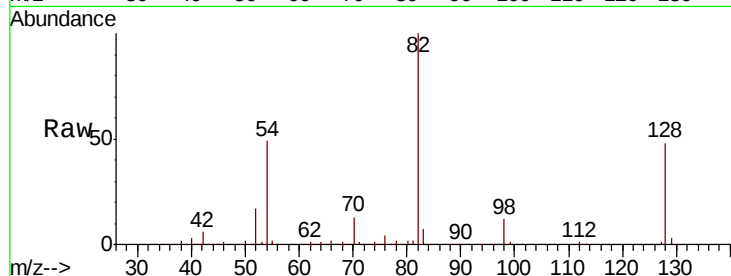




#23
 Nitrobenzene-d5
 Concen: 93.521 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

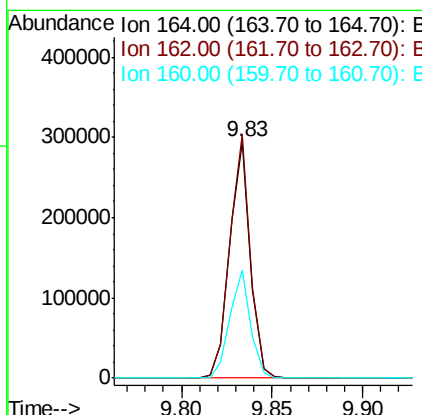
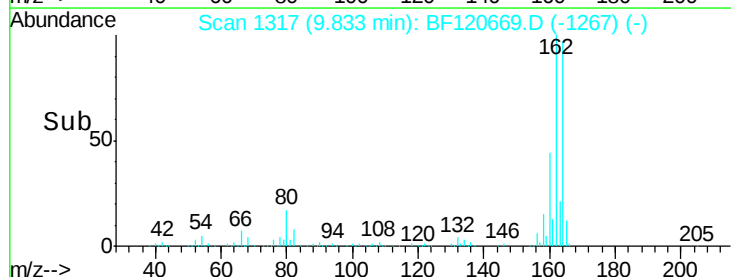
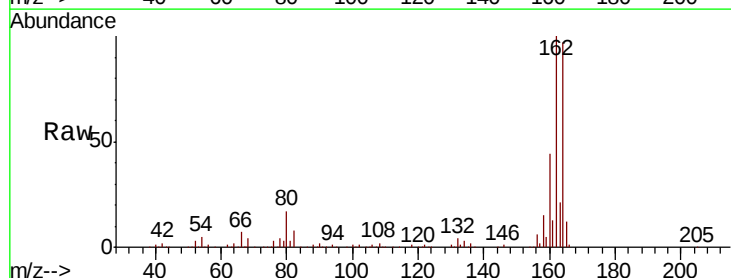
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061720

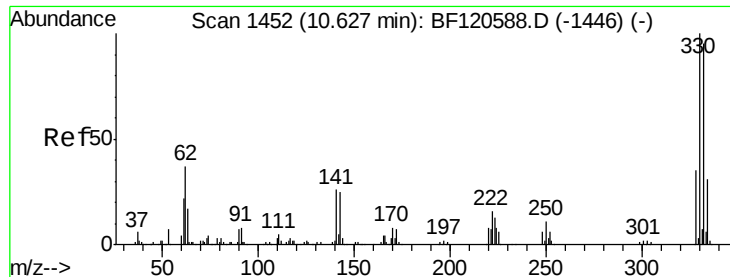
Tot Ion	82	Resp	707783
Ion Ratio	100	Lower	Upper
128	47.5	38.0	57.0
54	49.0	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

Tgt Ion	164	Resp	233922
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.9	80.6	120.8
160	45.6	36.2	54.2

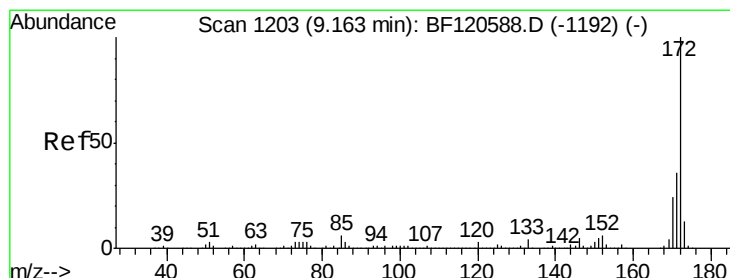
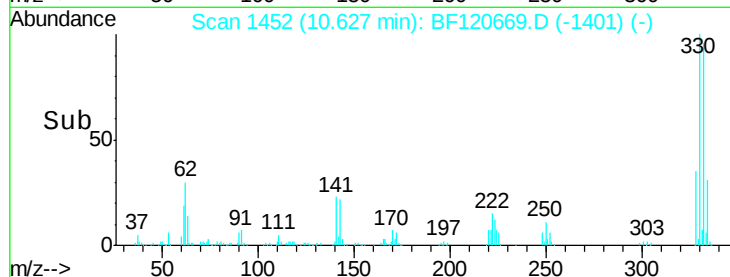
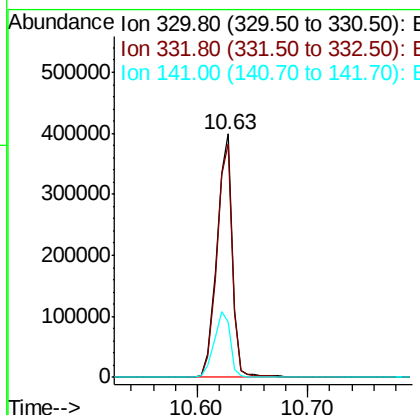
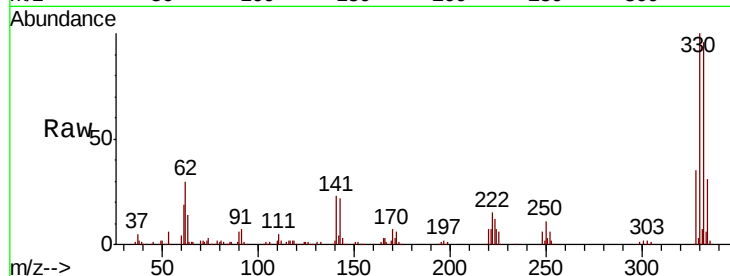




#42
 2,4,6-Tribromophenol
 Concen: 141.815 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

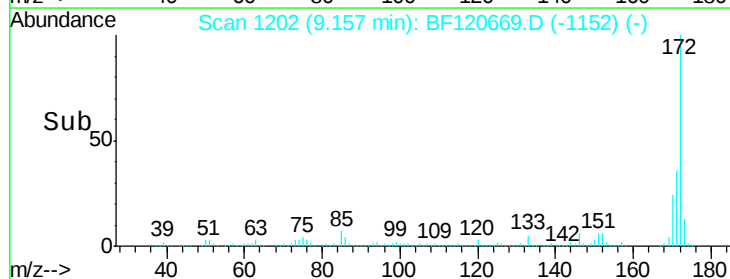
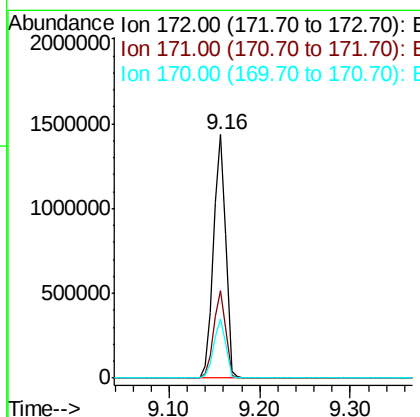
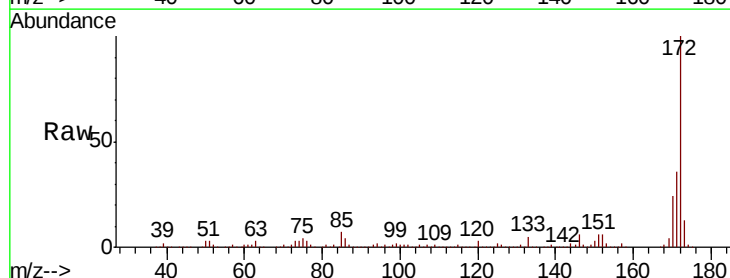
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061720

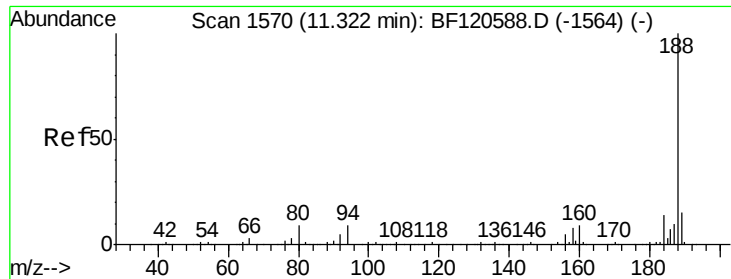
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	28.6	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 88.951 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120669.D
 Acq: 19 Jun 2020 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	19.4	29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120669.D

Acq: 19 Jun 2020 17:50

Instrument :

BNA_F

ClientSampleId :

HD-01-061720

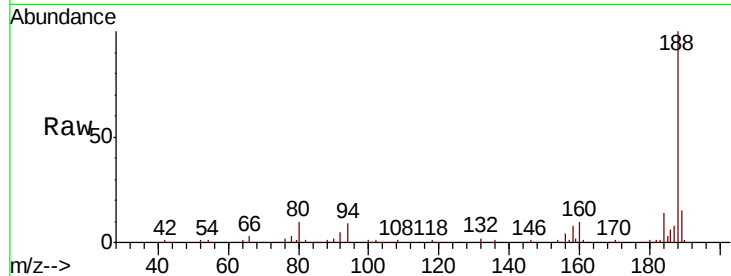
Tot Ion:188 Resp: 481970

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

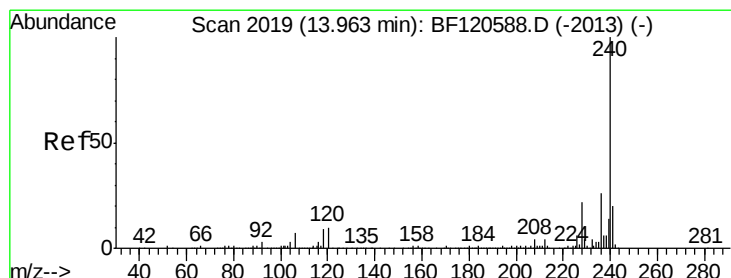
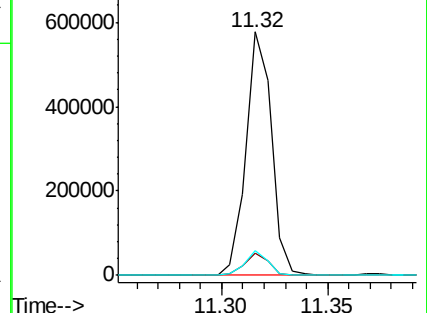
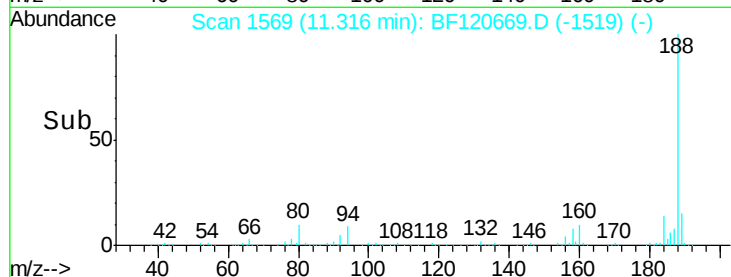
80 9.9 7.4 11.2



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120669.D

Acq: 19 Jun 2020 17:50

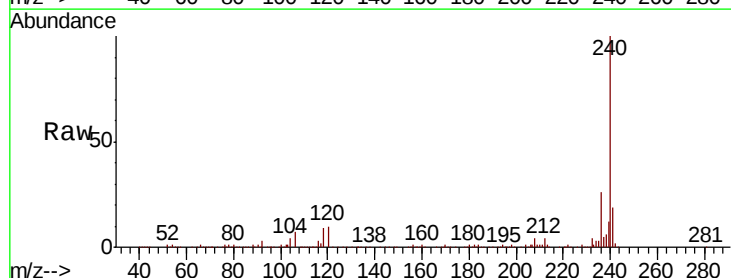
Tgt Ion:240 Resp: 413158

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

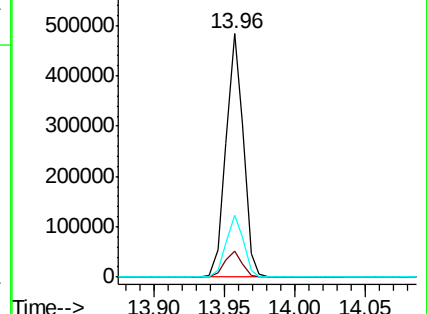
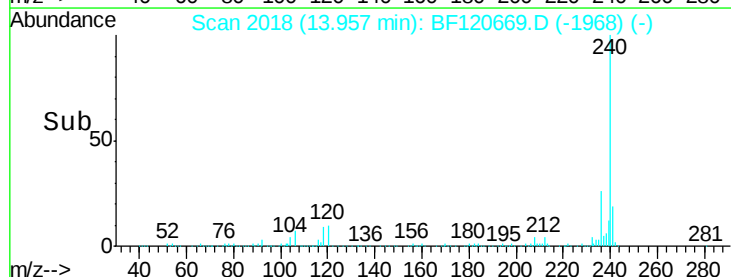
236 25.5 21.0 31.4

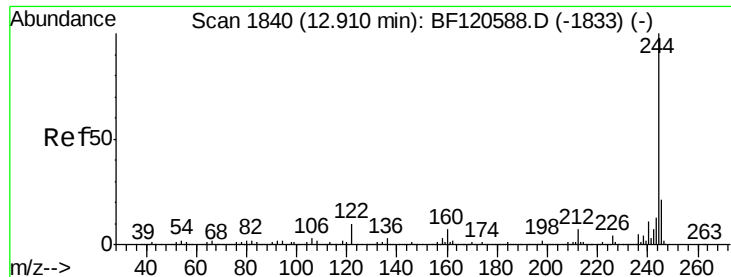


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.323 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120669.D

Acq: 19 Jun 2020 17:50

Instrument :

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ClientSampleId :

HD-01-061720

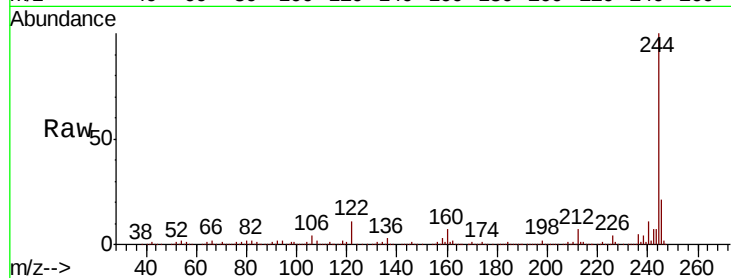
Tot Ion:244 Resp: 1970000

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

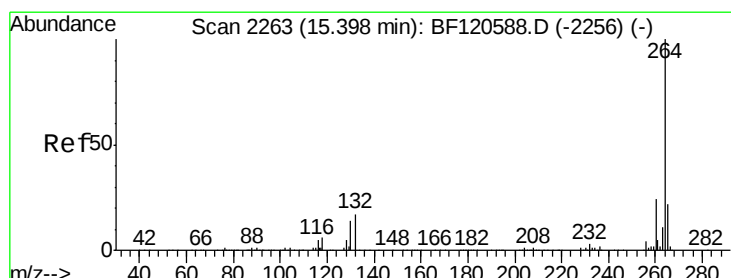
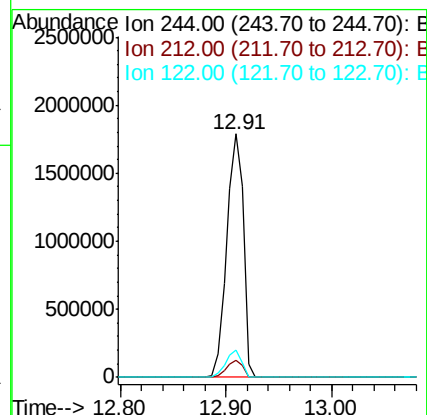
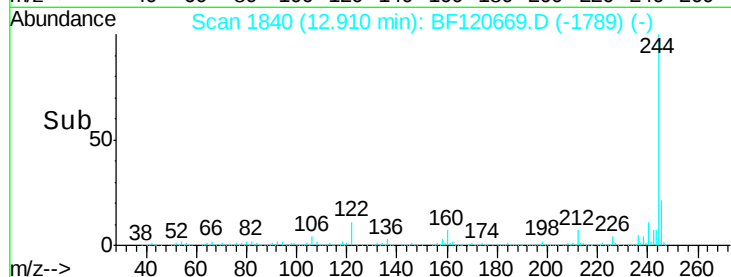
122 11.0 8.3 12.5



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# 2264

Delta R.T. 0.01 min

Lab File: BF120669.D

Acq: 19 Jun 2020 17:50

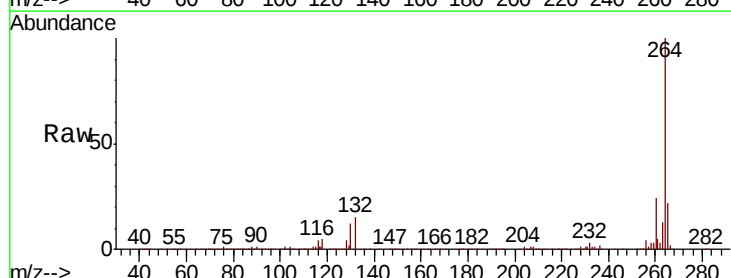
Tgt Ion:264 Resp: 466225

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.8 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

