

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120727.D
 Acq On : 29 Jun 2020 15:03
 Operator : JU/CG
 Sample : L3144-03 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 238498

Quant Time: Jun 30 03:57:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128621	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375227	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	250963	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	343155	20.00	ng	0.00
76) Chrysene-d12	13.95	240	265343	20.00	ng	0.00
86) Perylene-d12	15.39	264	528009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	4703	0.63	ng	0.00
7) Phenol-d6	6.43	99	5465	0.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	3270	0.49	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	1621	0.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	10041	0.61	ng	0.00
79) Terphenyl-d14	12.89	244	15601	1.30	ng	0.00

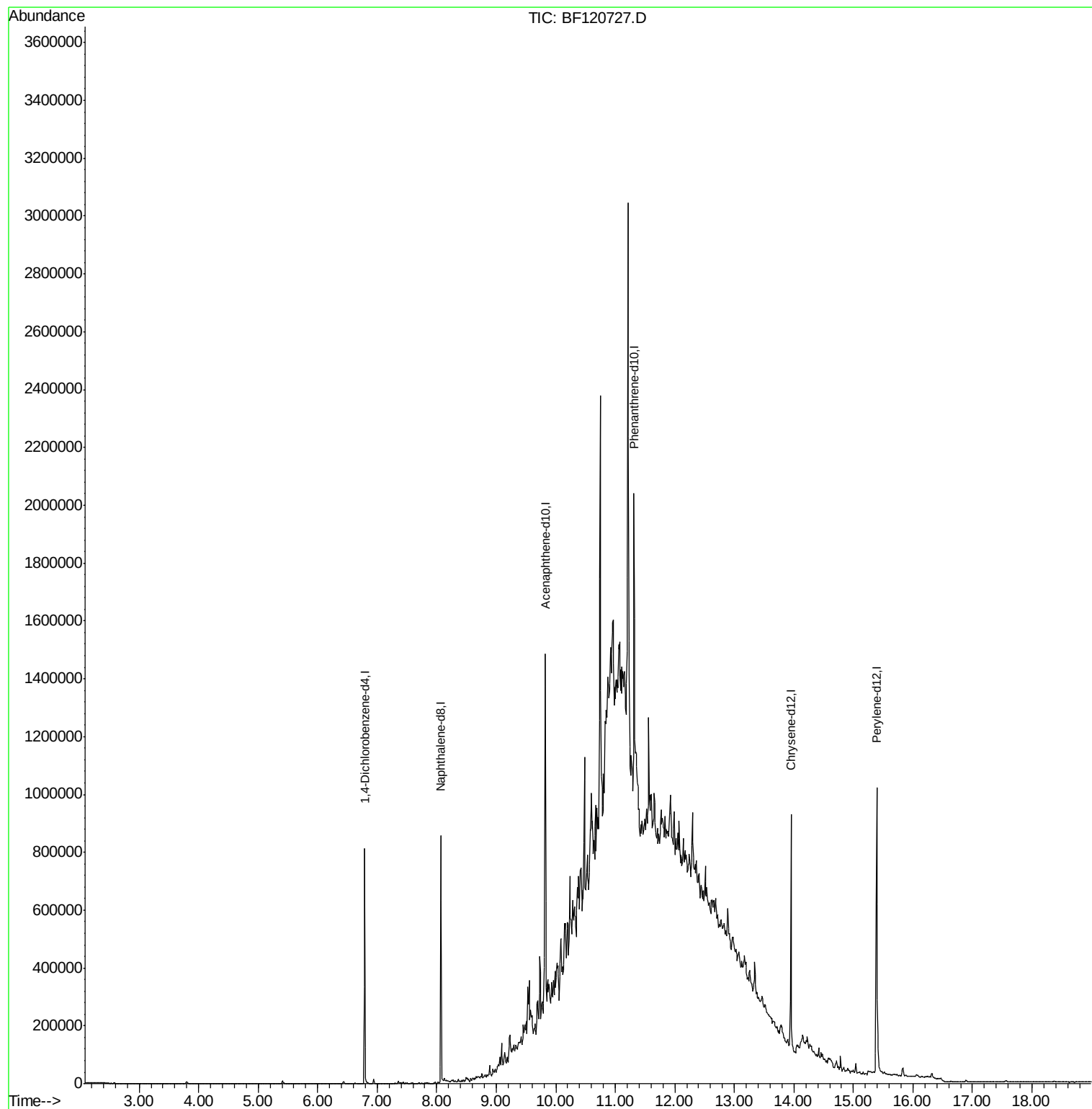
Target Compounds	Qvalue
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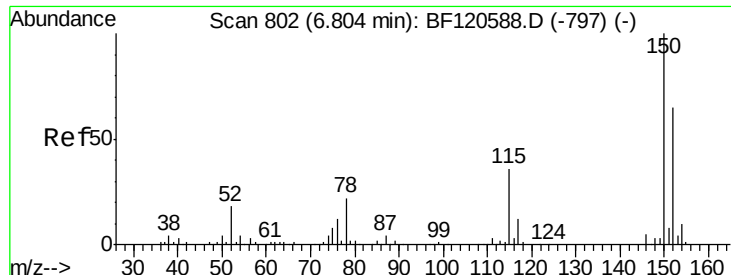
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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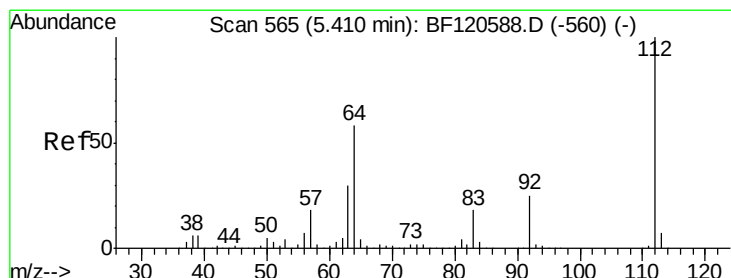
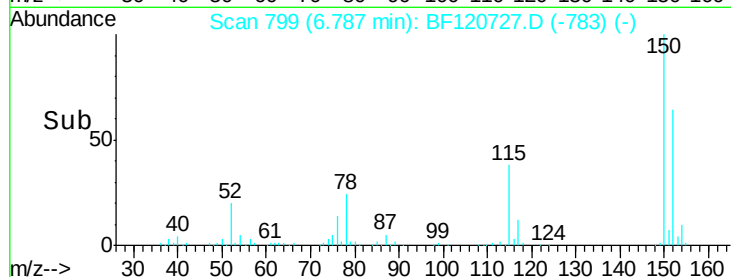
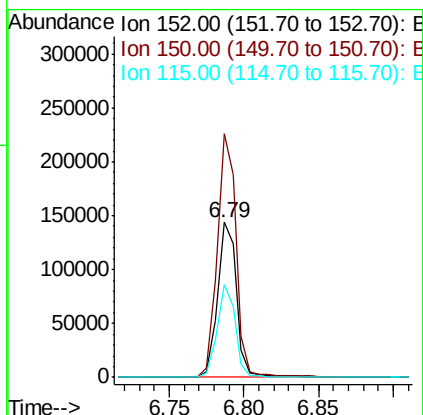
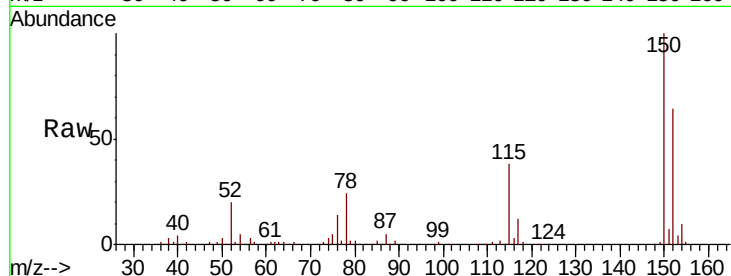




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF120727.D
 Acq: 29 Jun 2020 15:03

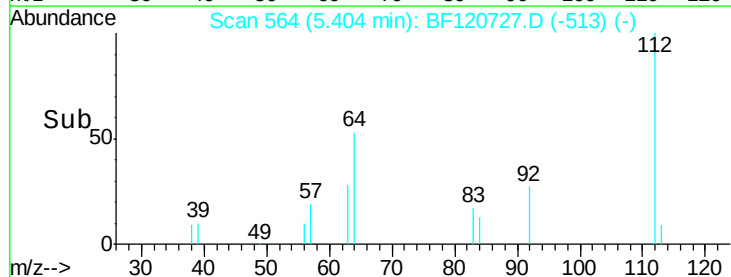
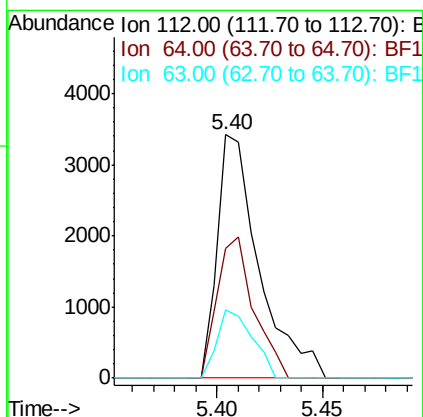
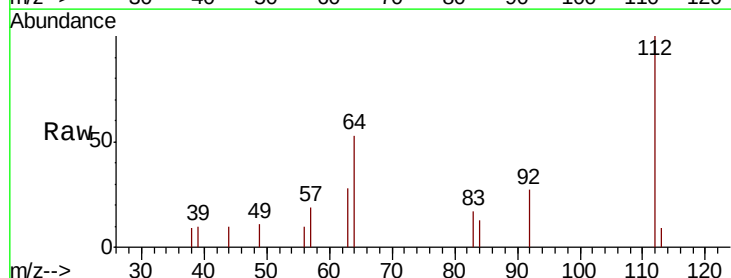
Instrument :
 BNA_F
 ClientSampleId :
 238498

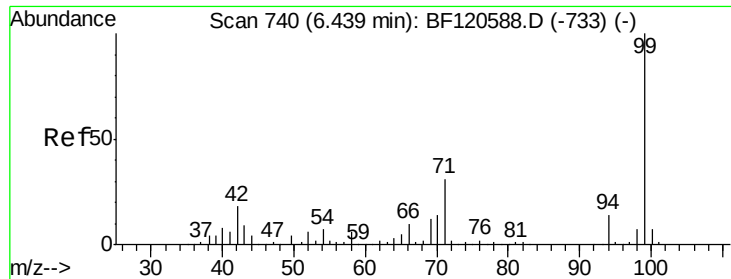
Tot Ion:152 Resp: 128621
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 187.0
 115 59.5 44.2 66.4



#5
 2-Fluorophenol
 Concen: 0.627 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF120727.D
 Acq: 29 Jun 2020 15:03

Tgt Ion:112 Resp: 4703
 Ion Ratio Lower Upper
 112 100
 64 53.2 42.2 63.2
 63 28.2 21.7 32.5





#7

Phenol-d6

Concen: 0.585 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

Instrument :

BNA_F

ClientSampleId :

238498

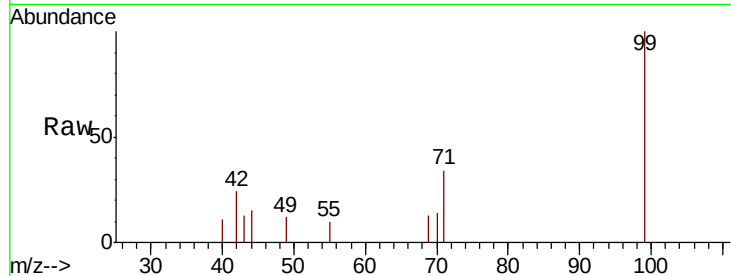
Tot Ion: 99 Resp: 5465

Ion Ratio Lower Upper

99 100

42 24.4 14.2 21.4#

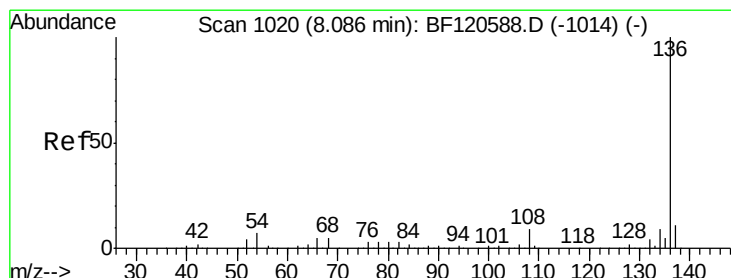
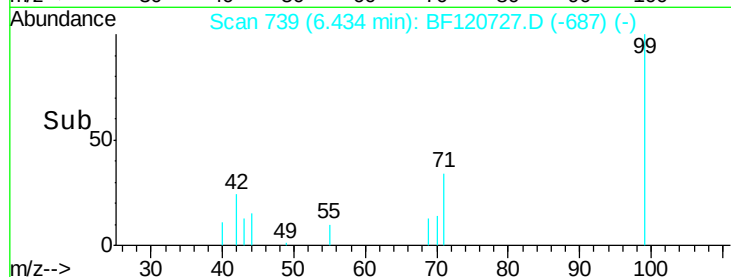
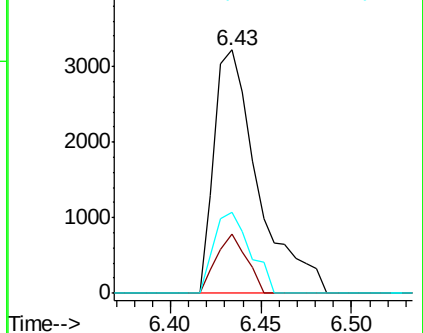
71 33.5 25.4 38.2



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

Tgt Ion: 136 Resp: 375227

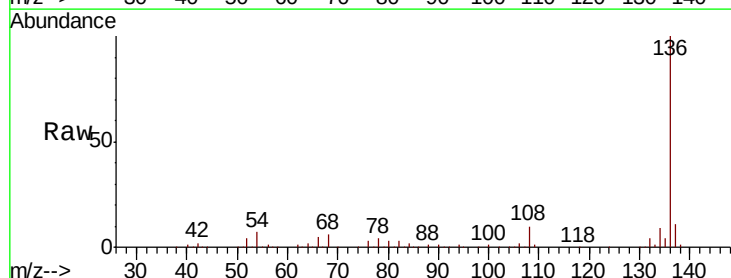
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 7.3 5.3 7.9

68 5.6 4.3 6.5

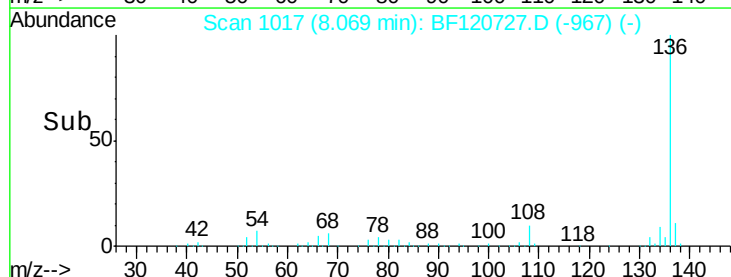
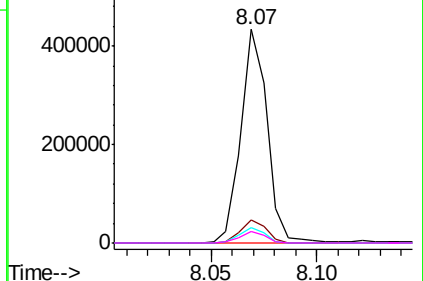


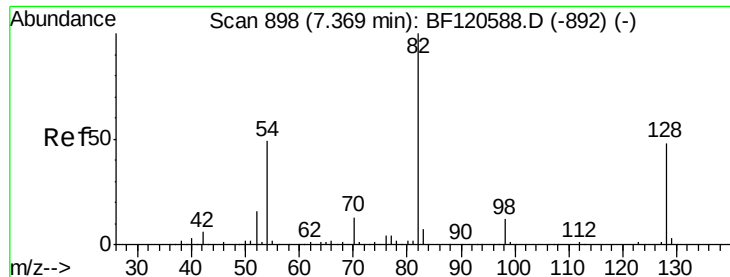
Abundance Ion 136.00 (135.70 to 136.70): E

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

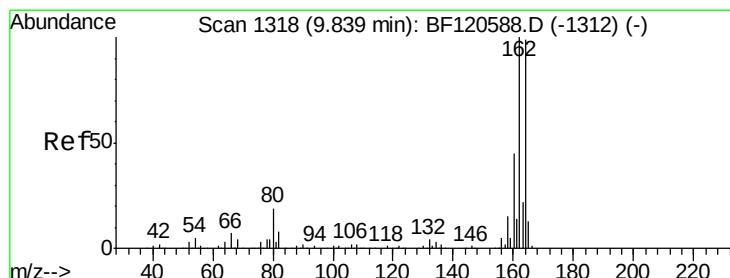
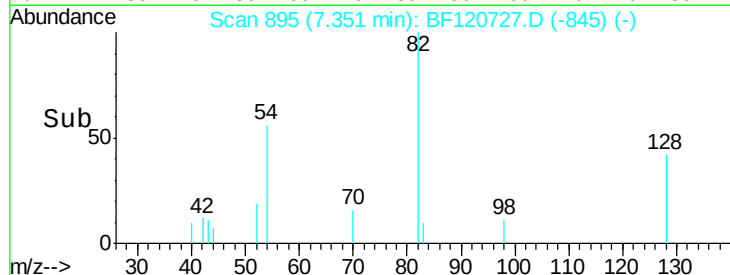
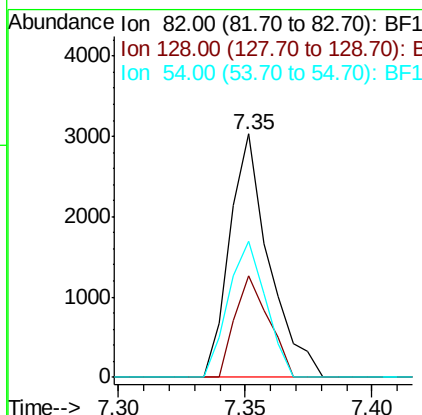
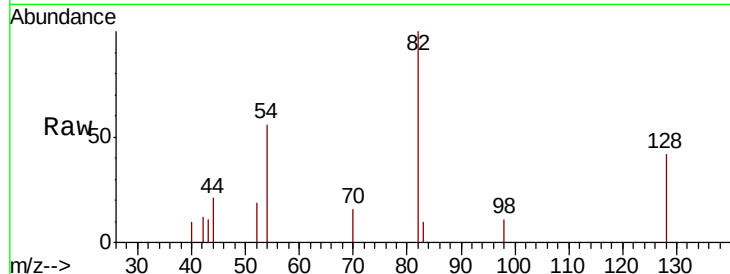




#23
 Nitrobenzene-d5
 Concen: 0.487 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF120727.D
 Acq: 29 Jun 2020 15:03

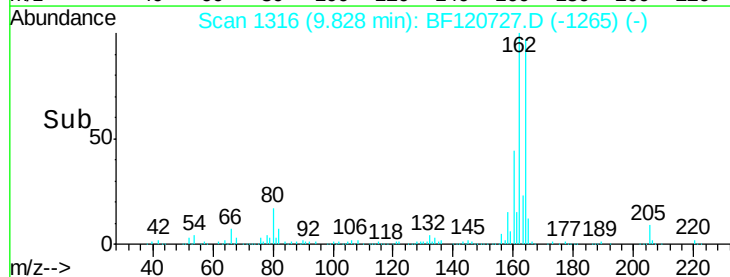
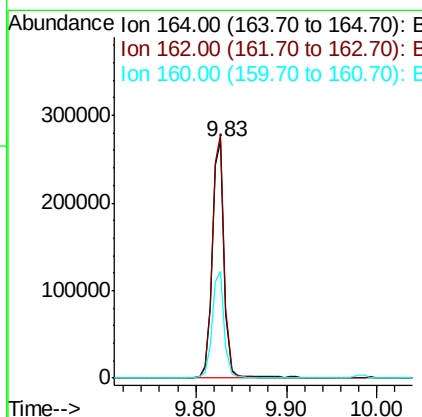
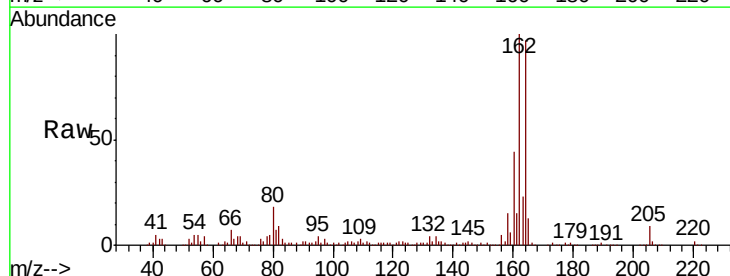
Instrument :
 BNA_F
 ClientSampleId :
 238498

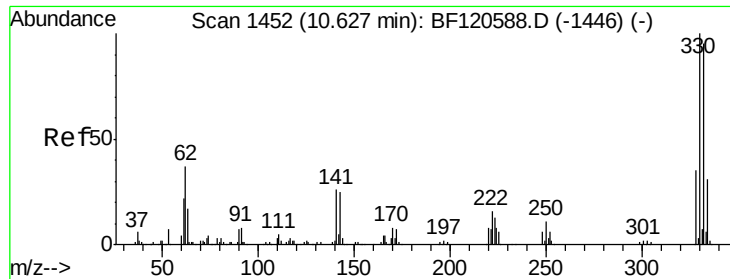
Tot Ion	82	Resp	3270
Ion Ratio	Lower	Upper	
82	100		
128	41.9	38.1	57.1
54	56.0	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF120727.D
 Acq: 29 Jun 2020 15:03

Tgt Ion	164	Resp	250963
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.4	122.0
160	45.2	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 0.556 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

Instrument :

BNA_F

ClientSampleId :

238498

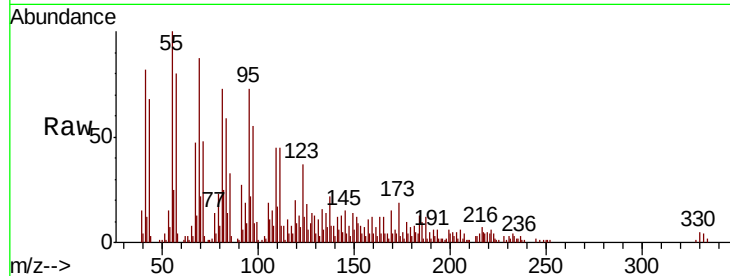
Tot Ion:330 Resp: 1621

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

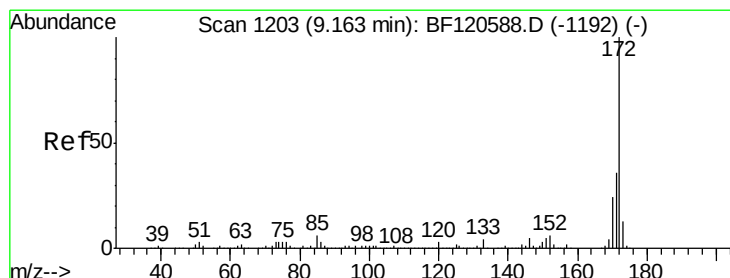
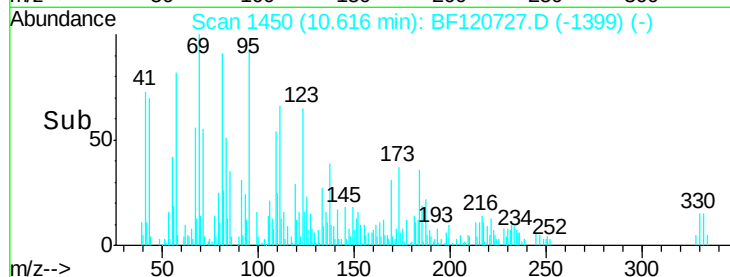
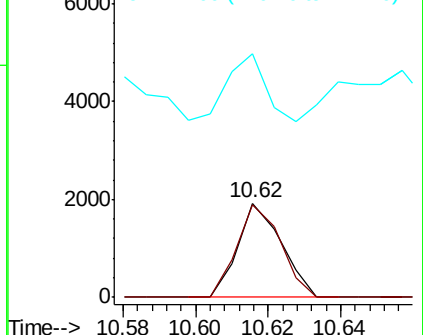
141 63.1 23.0 34.6#



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: 0.612 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

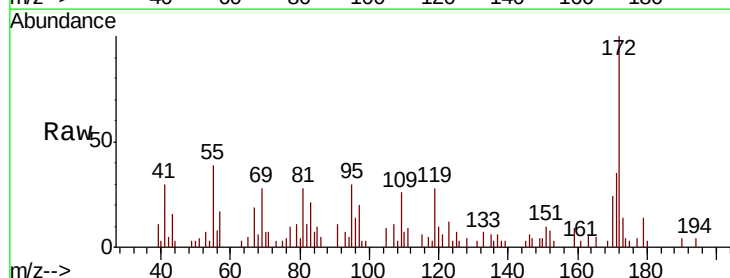
Tgt Ion:172 Resp: 10041

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

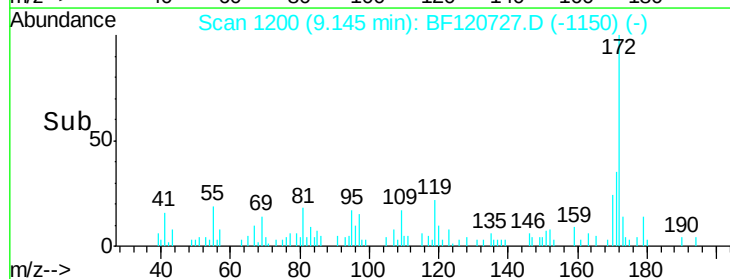
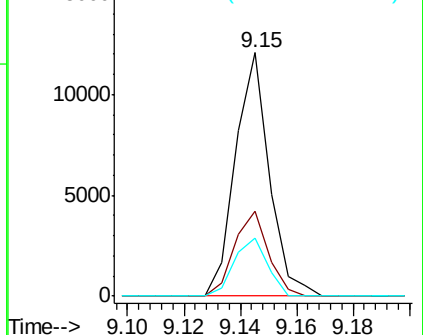
170 24.0 19.1 28.7

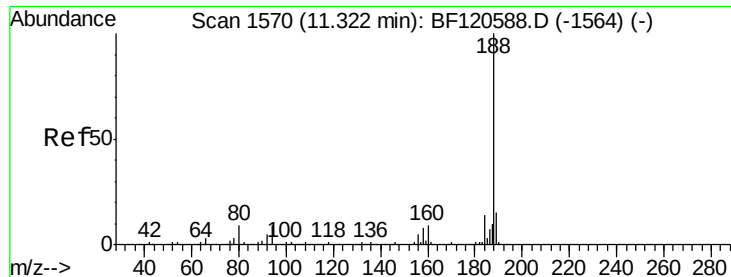


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

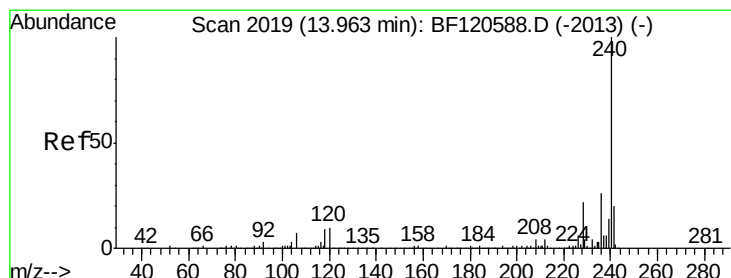
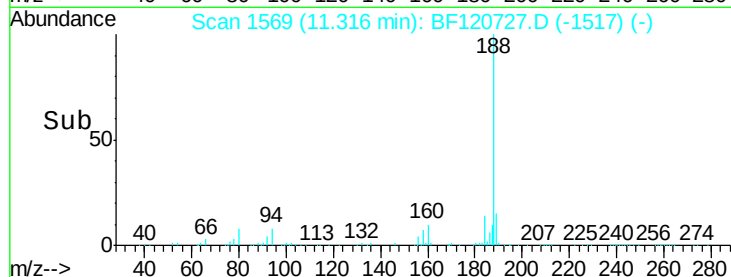
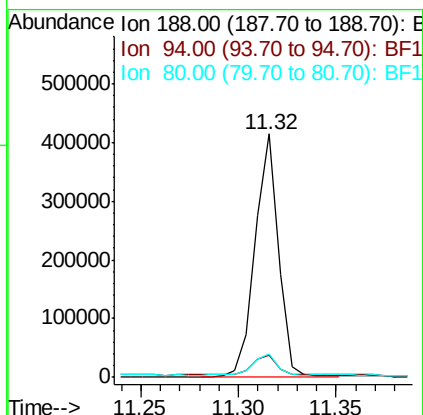
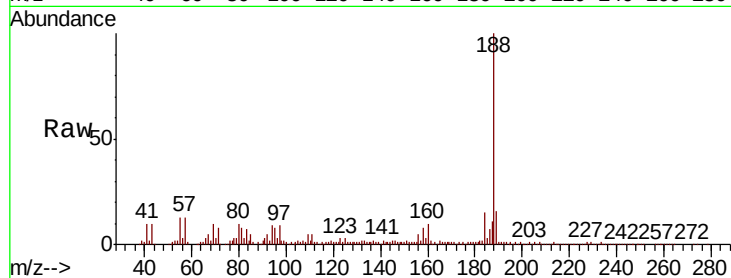




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF120727.D
Acq: 29 Jun 2020 15:03

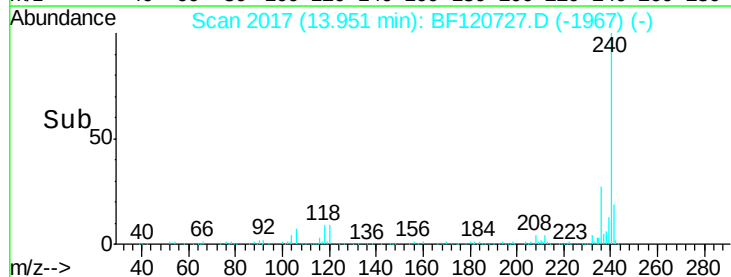
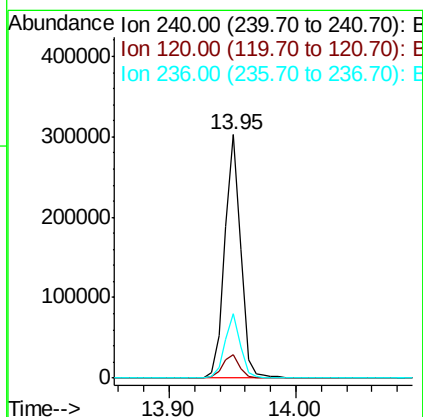
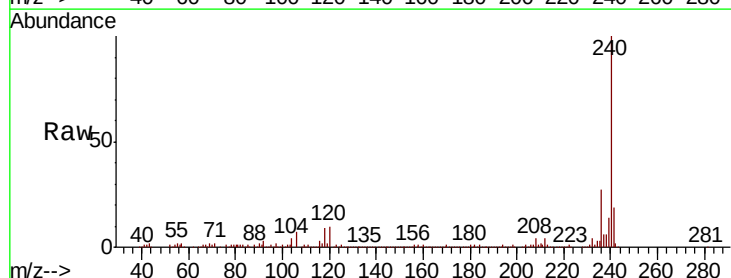
Instrument :
BNA_F
ClientSampled :
238498

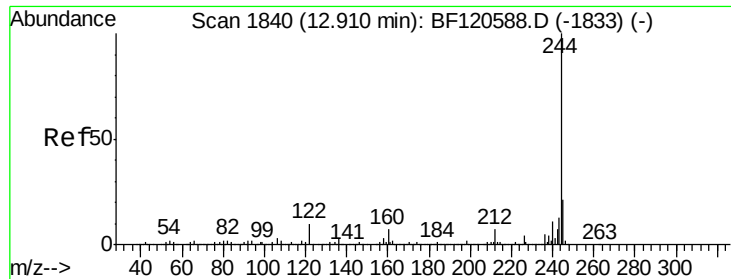
Tot Ion:188 Resp: 343155
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120727.D
Acq: 29 Jun 2020 15:03

Tgt Ion:240 Resp: 265343
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 26.7 21.0 31.4





#79

Terphenyl-d14

Concen: 1.299 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

Instrument :

BNA_F

ClientSampleId :

238498

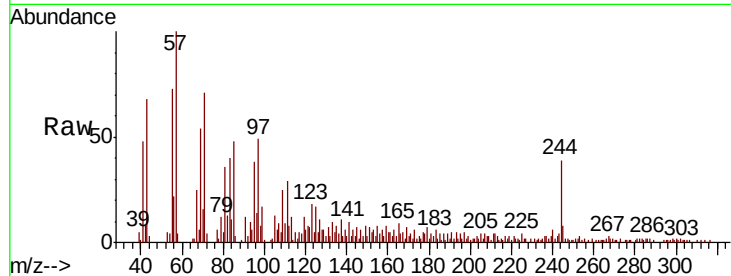
Tot Ion:244 Resp: 15601

Ion Ratio Lower Upper

244 100

212 10.4 5.6 8.4#

122 18.9 8.8 13.2#

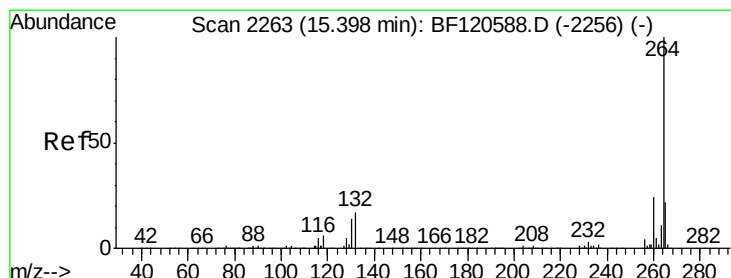
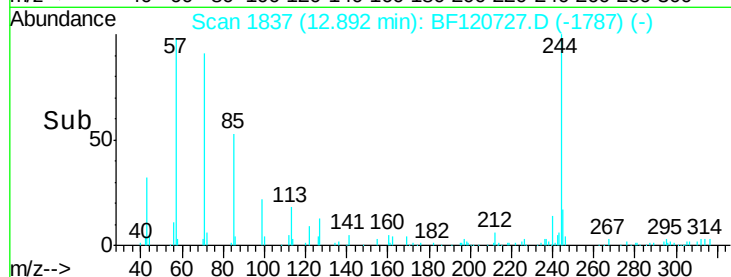
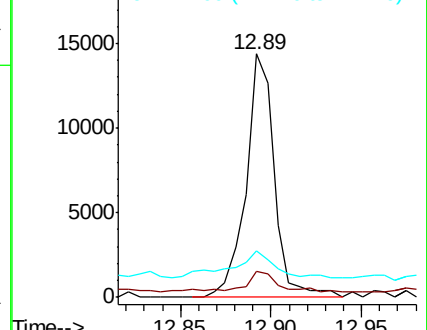


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF120727.D

Acq: 29 Jun 2020 15:03

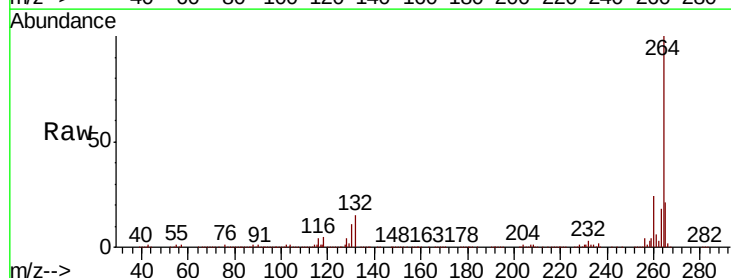
Tgt Ion:264 Resp: 528009

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.2 17.4 26.0



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

