

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120726.D
 Acq On : 29 Jun 2020 14:34
 Operator : JU/CG
 Sample : L3144-01 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 468406

Quant Time: Jun 29 15:42:03 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	178795	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	657971	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	319641	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	506906	20.00	ng	0.00
76) Chrysene-d12	13.95	240	509176	20.00	ng	0.00
86) Perylene-d12	15.39	264	470742	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	4878	0.47	ng	0.00
7) Phenol-d6	6.43	99	6013	0.46	ng	0.00
23) Nitrobenzene-d5	7.35	82	3557	0.30	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	1777	0.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	9568	0.46	ng	0.00
79) Terphenyl-d14	12.89	244	26738	1.16	ng	0.00

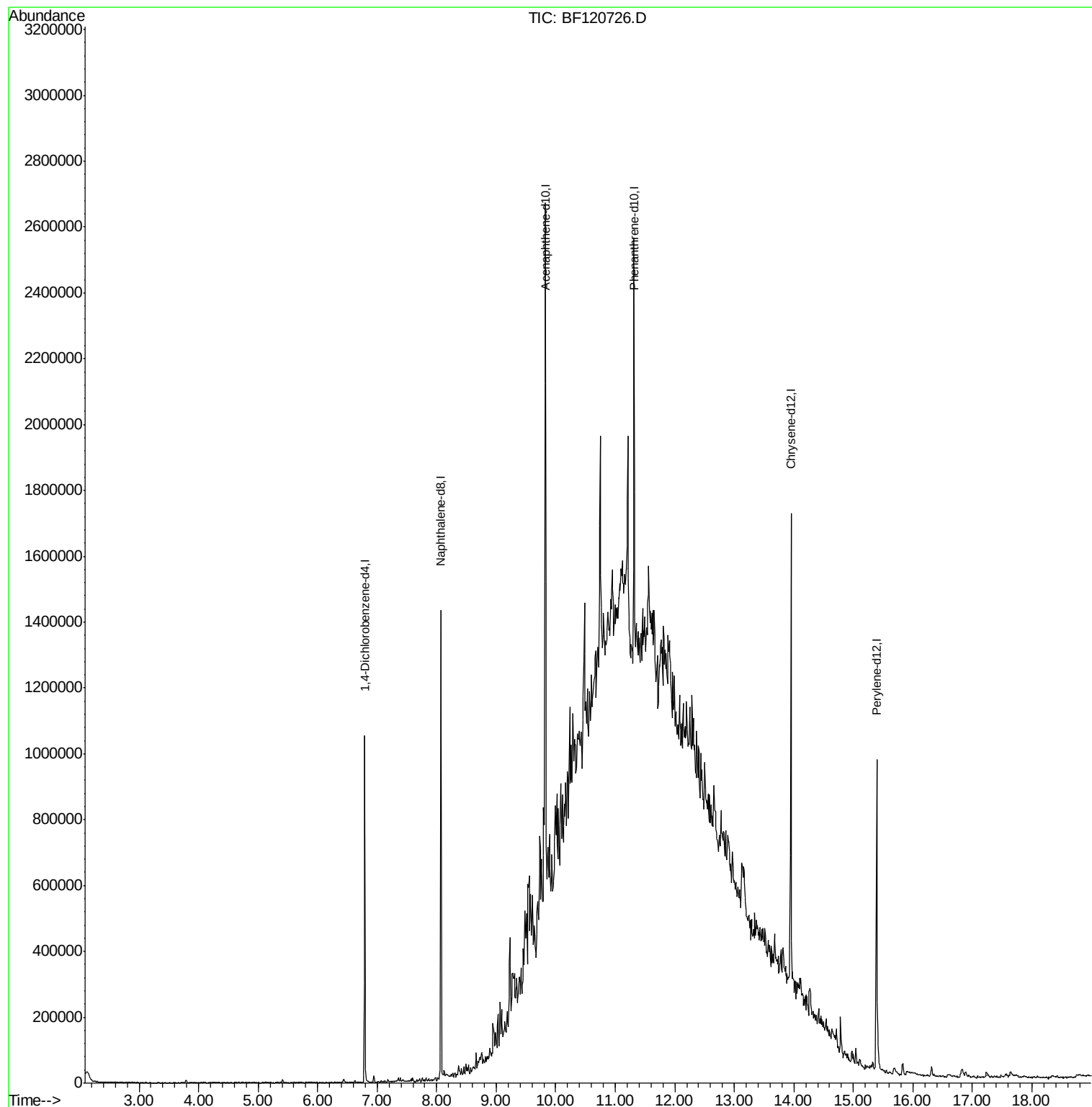
Target Compounds	Qvalue
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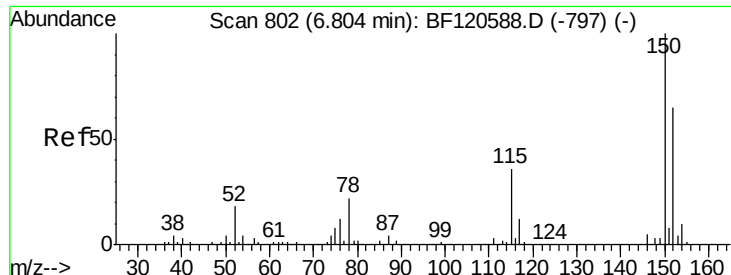
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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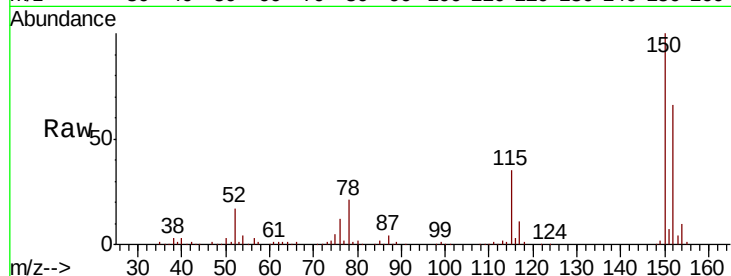


#1

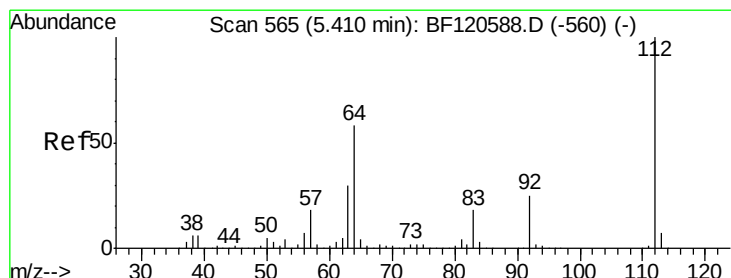
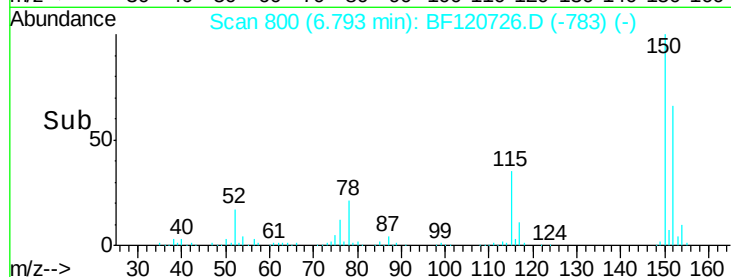
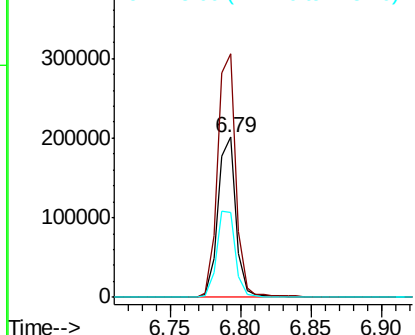
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF120726.D
Acq: 29 Jun 2020 14:34

Instrument :
BNA_F
ClientSampleId :
468406

Tot Ion:152 Resp: 178795
Ion Ratio Lower Upper
152 100
150 152.2 124.6 187.0
115 53.4 44.2 66.4



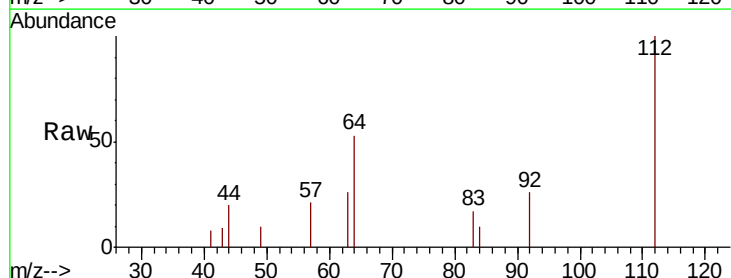
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



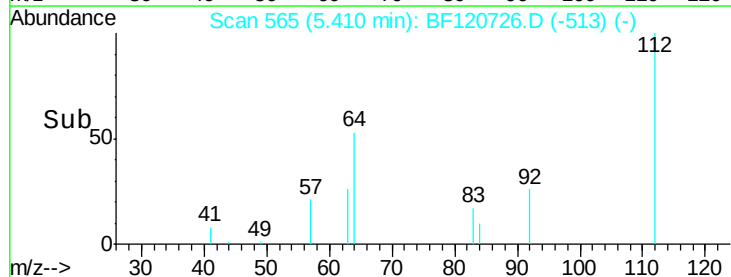
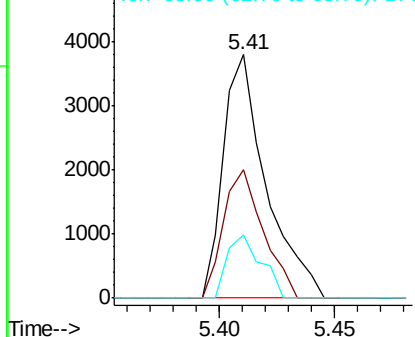
#5

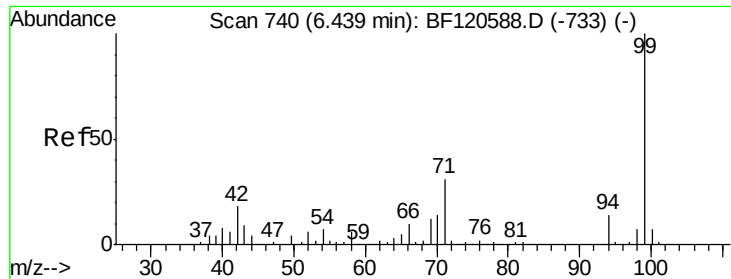
2-Fluorophenol
Concen: 0.468 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF120726.D
Acq: 29 Jun 2020 14:34

Tgt Ion:112 Resp: 4878
Ion Ratio Lower Upper
112 100
64 52.7 42.2 63.2
63 26.0 21.7 32.5



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: 0.463 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120726.D

Acq: 29 Jun 2020 14:34

Instrument :

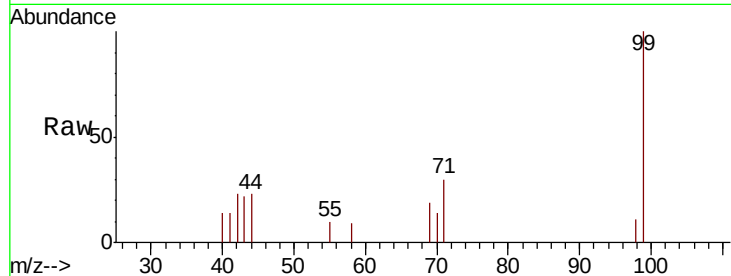
BNA_F

ClientSampleId :

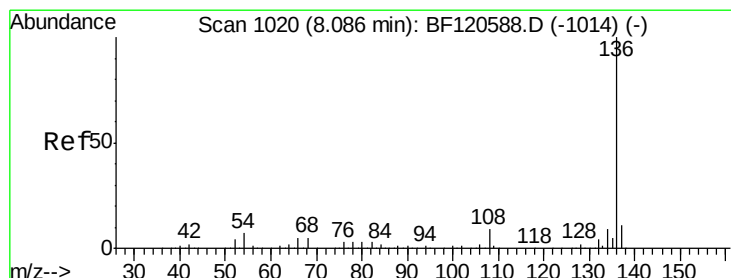
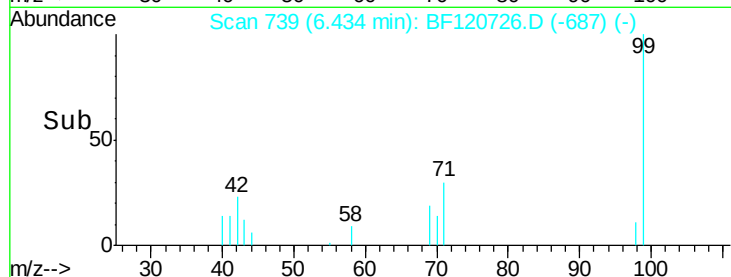
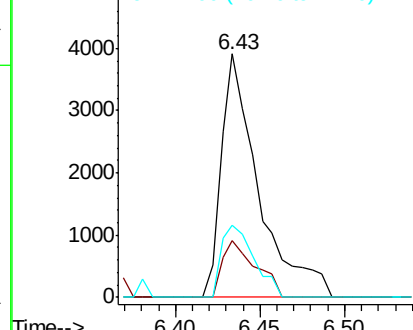
468406

Tot Ion: 99 Resp: 6013

Ion	Ratio	Lower	Upper
99	100		
42	23.4	14.2	21.4#
71	29.8	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

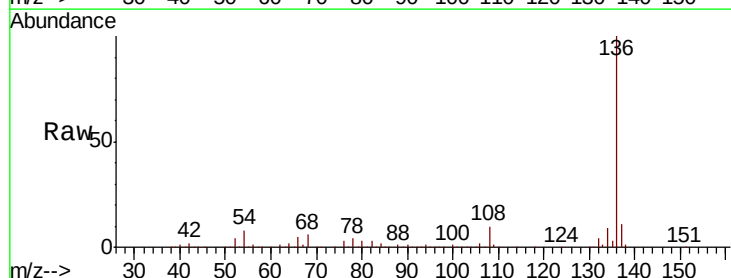
Delta R.T. -0.01 min

Lab File: BF120726.D

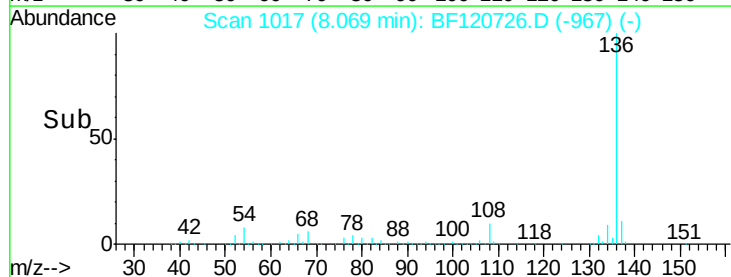
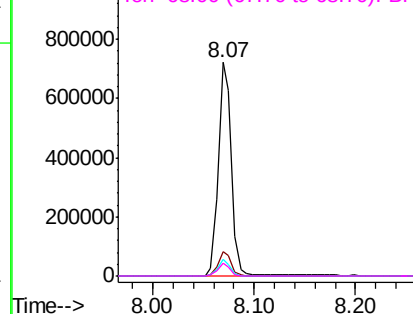
Acq: 29 Jun 2020 14:34

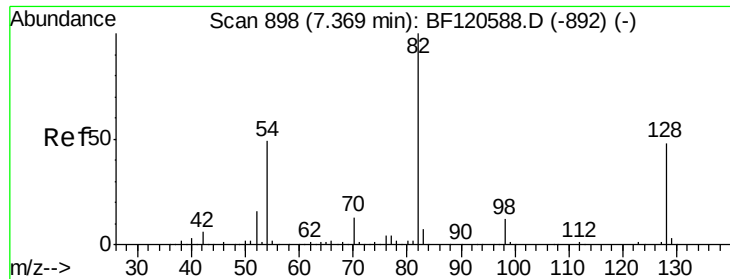
Tgt Ion: 136 Resp: 657971

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.8	5.3	7.9
68	5.9	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

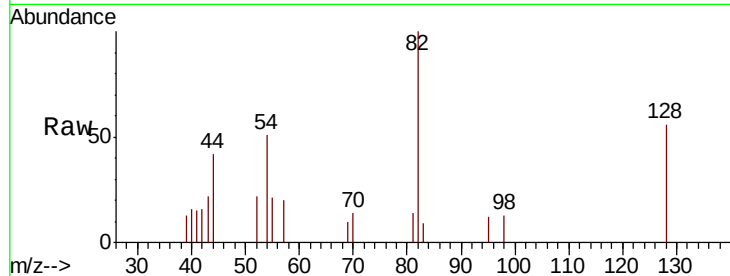




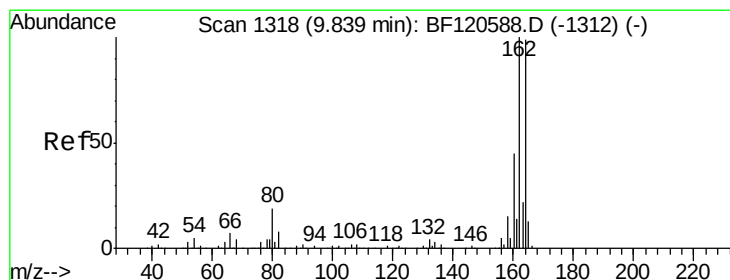
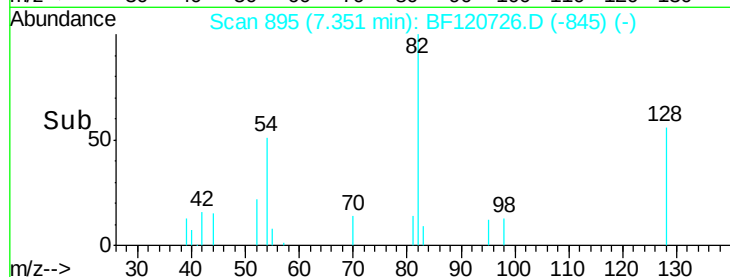
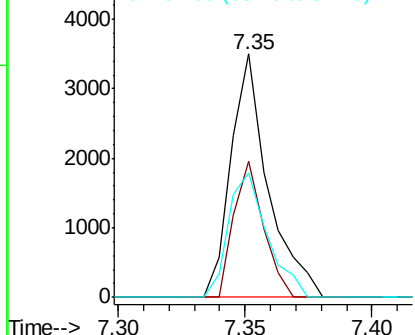
#23
Nitrobenzene-d5
Concen: 0.302 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF120726.D
Acq: 29 Jun 2020 14:34

Instrument :
BNA_F
ClientSampleId :
468406

Tot Ion: 82 Resp: 3557
Ion Ratio Lower Upper
82 100
128 55.9 38.1 57.1
54 51.2 38.8 58.2

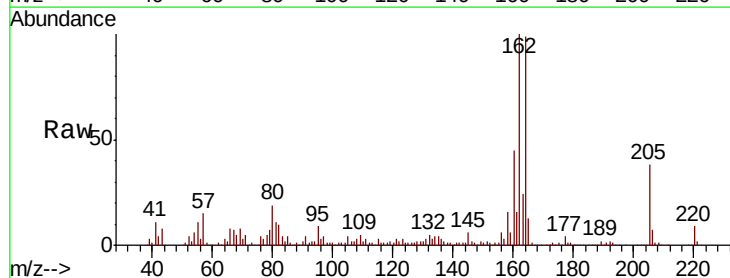


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

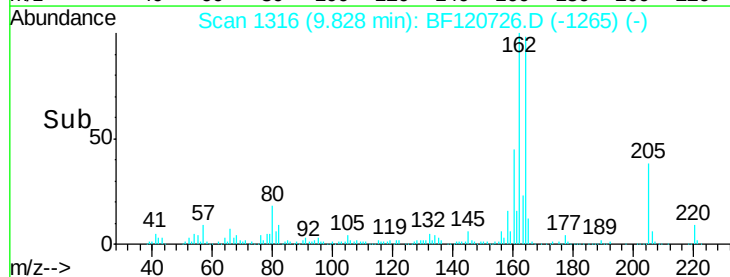
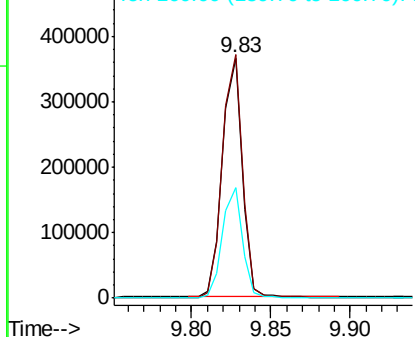


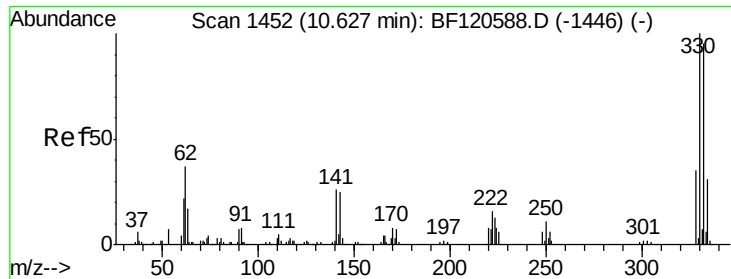
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF120726.D
Acq: 29 Jun 2020 14:34

Tgt Ion: 164 Resp: 319641
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 46.1 36.6 55.0



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: 0.478 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF120726.D

Acq: 29 Jun 2020 14:34

Instrument :

BNA_F

ClientSampled :

468406

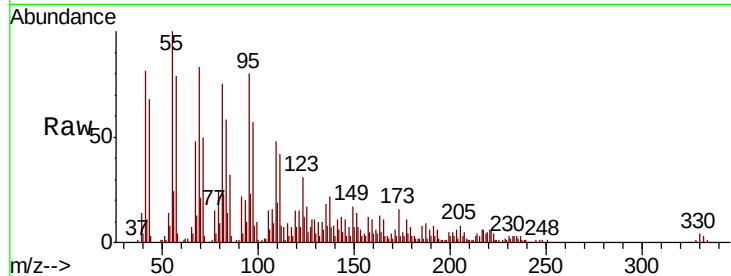
Tot Ion:330 Resp: 1777

Ion Ratio Lower Upper

330 100

332 92.5 76.4 114.6

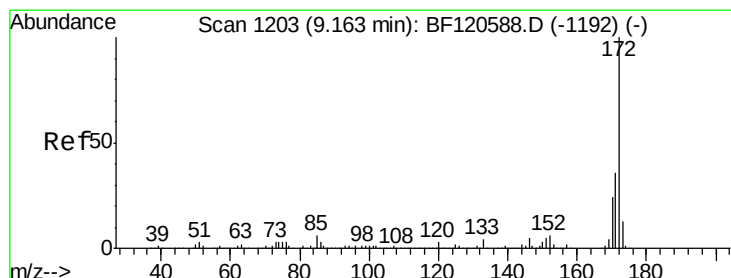
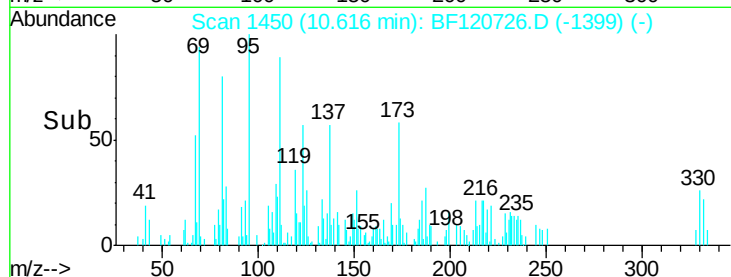
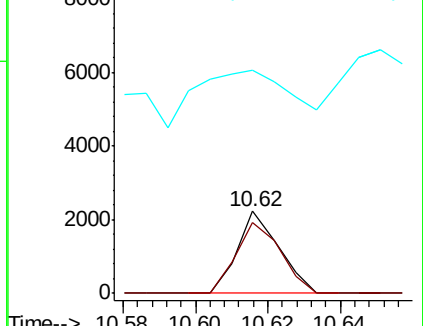
141 157.0 23.0 34.6#



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: 0.458 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF120726.D

Acq: 29 Jun 2020 14:34

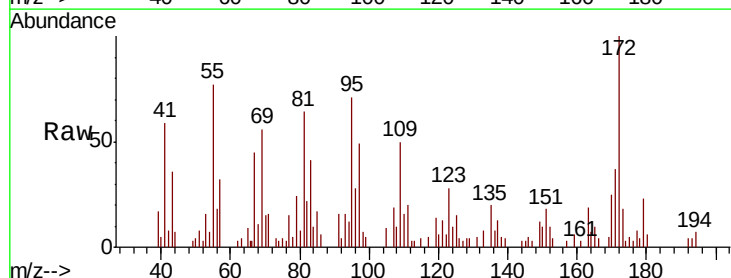
Tgt Ion:172 Resp: 9568

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

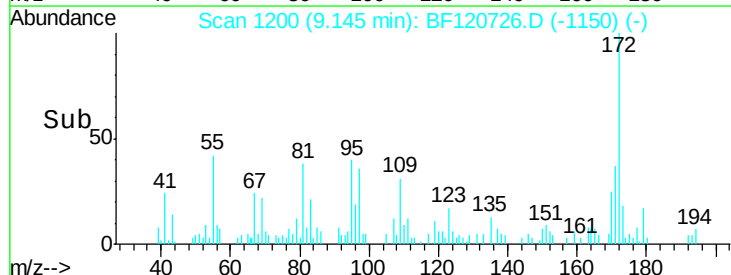
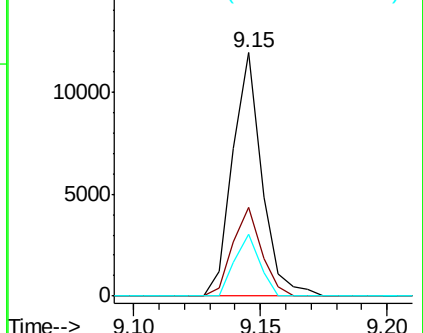
170 25.3 19.1 28.7

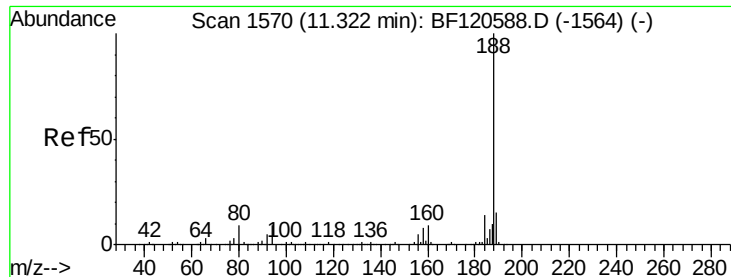


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF120726.D

Acq: 29 Jun 2020 14:34

Instrument :

BNA_F

ClientSampleId :

468406

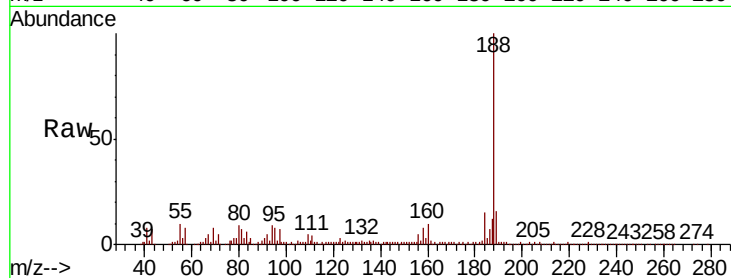
Tot Ion:188 Resp: 506906

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

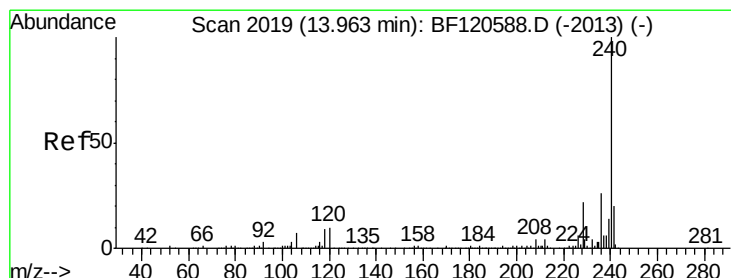
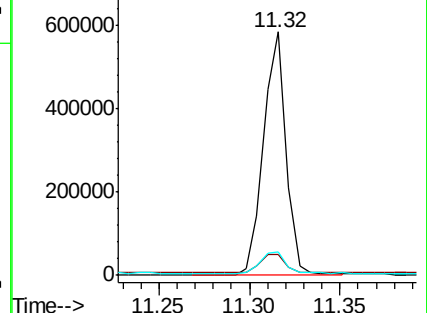
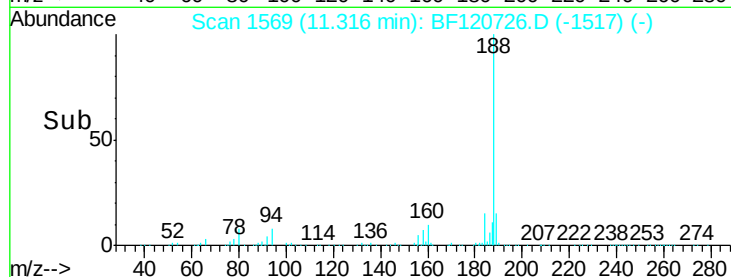
80 9.4 7.7 11.5



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: BF120726.D

Acq: 29 Jun 2020 14:34

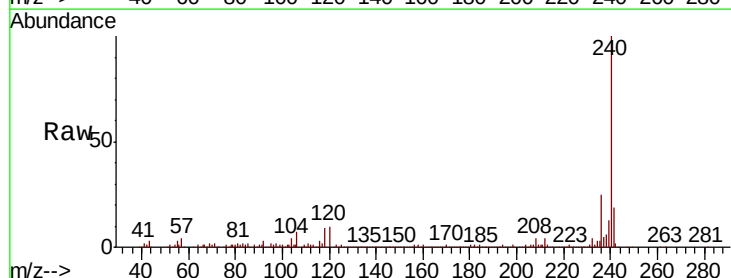
Tgt Ion:240 Resp: 509176

Ion Ratio Lower Upper

240 100

120 10.5 7.6 11.4

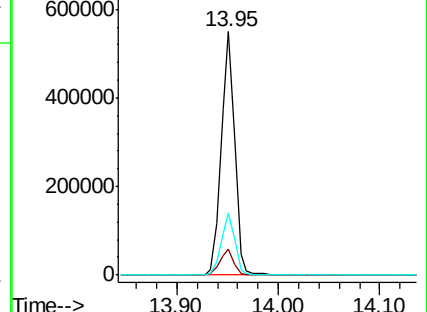
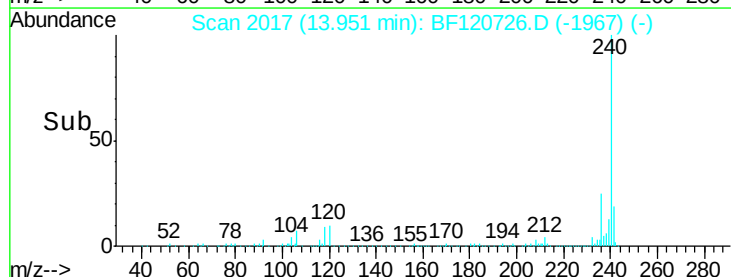
236 25.2 21.0 31.4

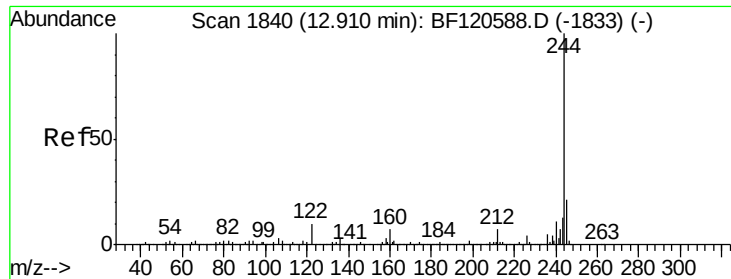


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.160 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF120726.D

Acq: 29 Jun 2020 14:34

Instrument :

BNA_F

ClientSampleId :

468406

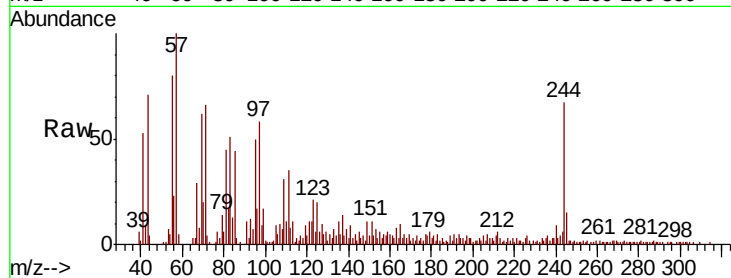
Tot Ion:244 Resp: 26738

Ion Ratio Lower Upper

244 100

212 9.0 5.6 8.4#

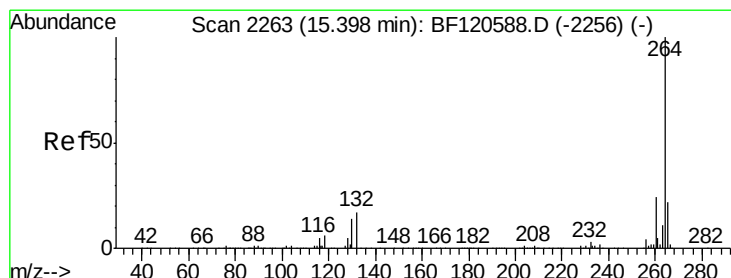
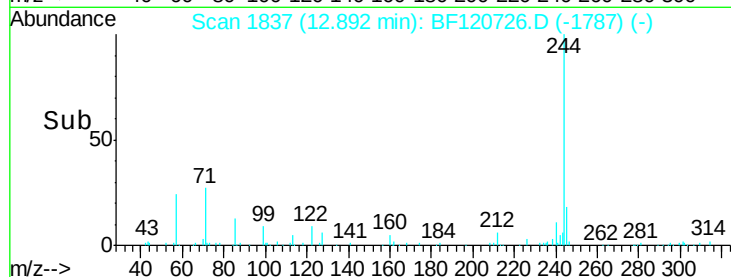
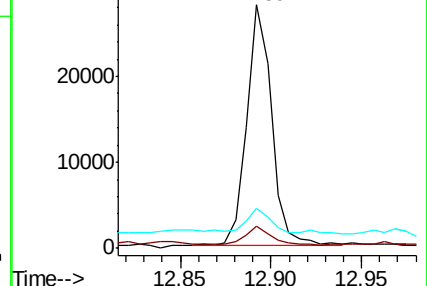
122 16.4 8.8 13.2#



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: BF120726.D

Acq: 29 Jun 2020 14:34

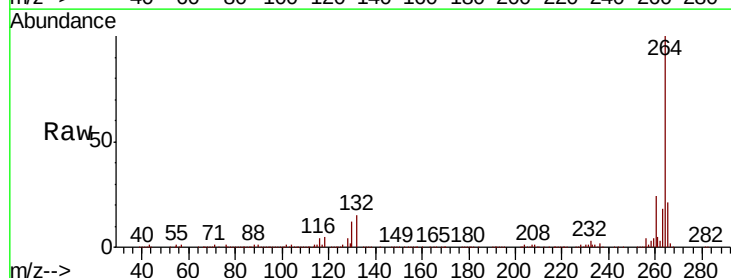
Tgt Ion:264 Resp: 470742

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.3 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

