

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120891.D
 Acq On : 16 Jul 2020 17:57
 Operator : JU/CG
 Sample : L3187-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420

Quant Time: Jul 17 05:12:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156318	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604588	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316739	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	636139	20.00	ng	0.00
76) Chrysene-d12	13.97	240	561178	20.00	ng	0.00
86) Perylene-d12	15.42	264	503016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	967606	101.48	ng	0.01
7) Phenol-d6	6.44	99	1079747	87.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	791770	75.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	387817	111.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1408579	66.40	ng	0.00
79) Terphenyl-d14	12.92	244	1617035	62.64	ng	0.00

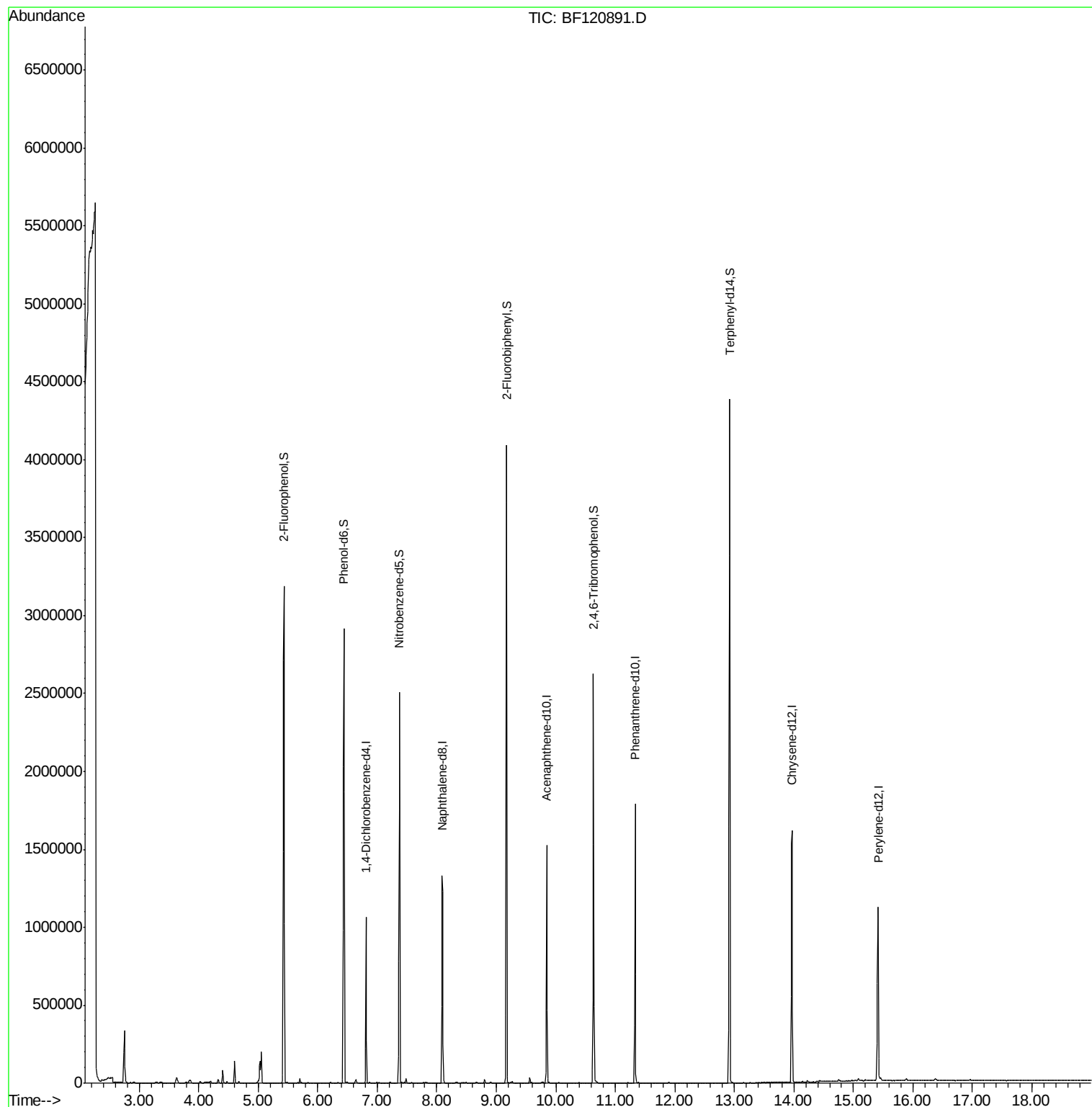
Target Compounds Qvalue

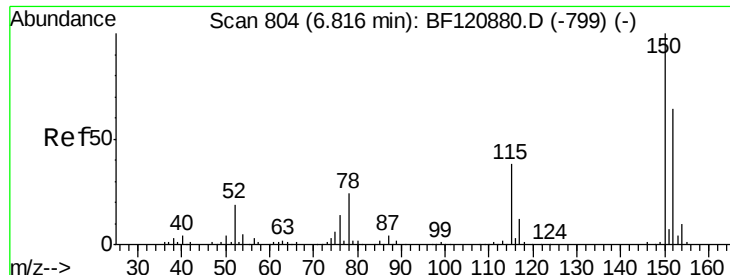
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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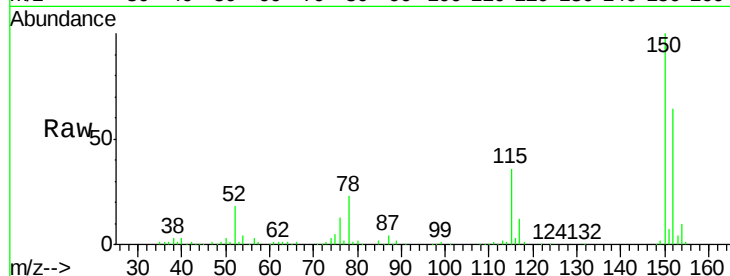


#1

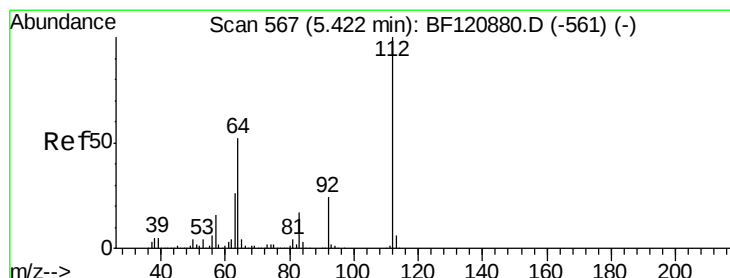
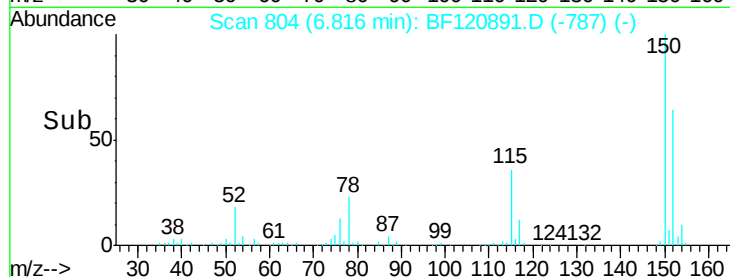
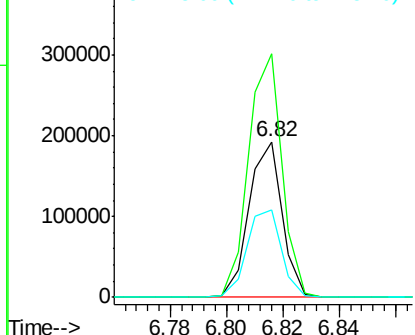
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Instrument :
BNA_F
ClientSampleId :
SU-03-071420

Tot Ion:152 Resp: 156318
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.6
115 56.0 47.0 70.4



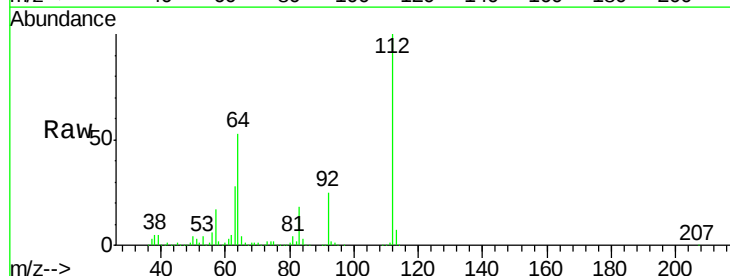
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



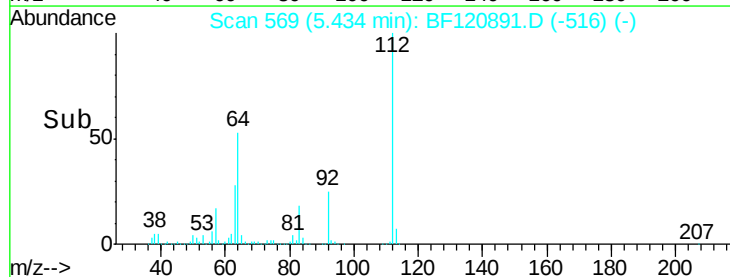
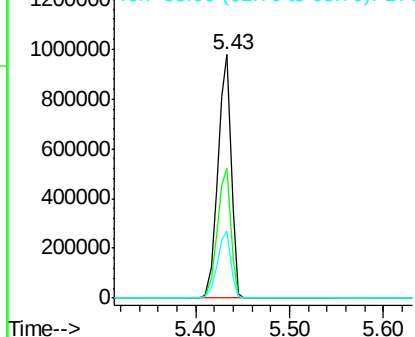
#5

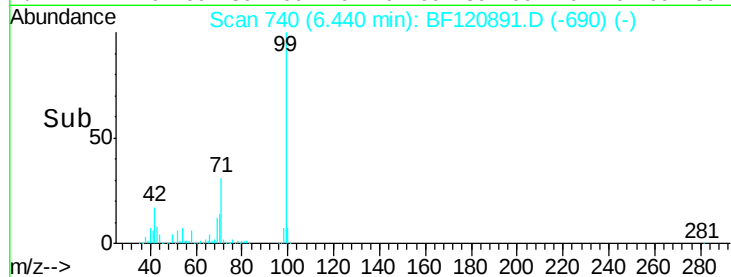
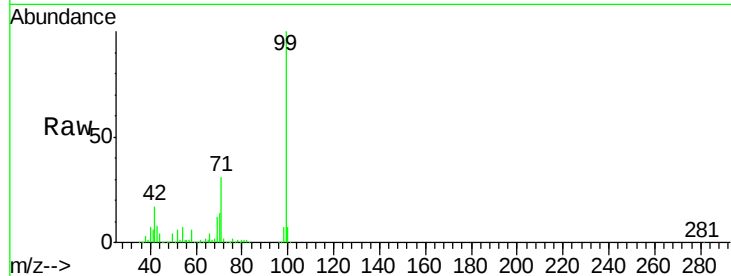
2-Fluorophenol
Concen: 101.476 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion:112 Resp: 967606
Ion Ratio Lower Upper
112 100
64 53.5 41.3 61.9
63 27.6 21.1 31.7



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: 87.662 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

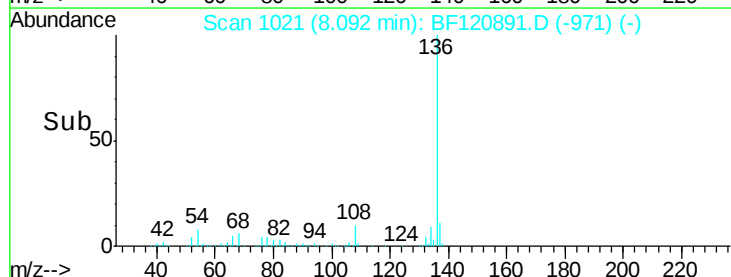
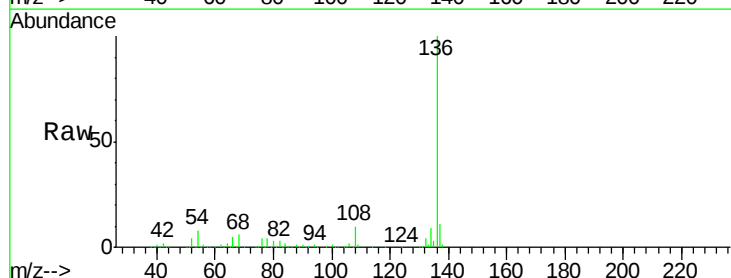
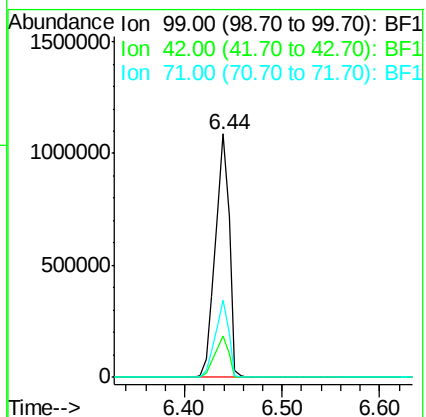
BNA_F

ClientSampleId :

SU-03-071420

Tot Ion: 99 Resp: 1079747

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.5	24.2	36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Tgt Ion: 136 Resp: 604588

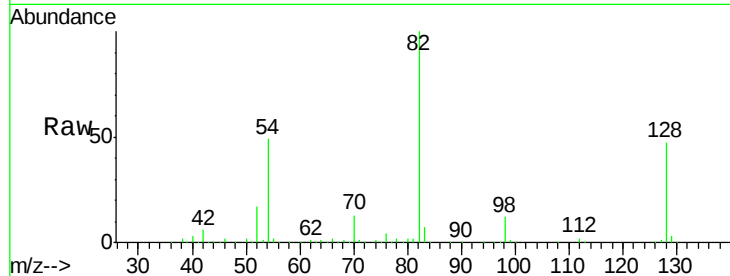
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.6	6.3	9.5
68	6.3	5.0	7.4



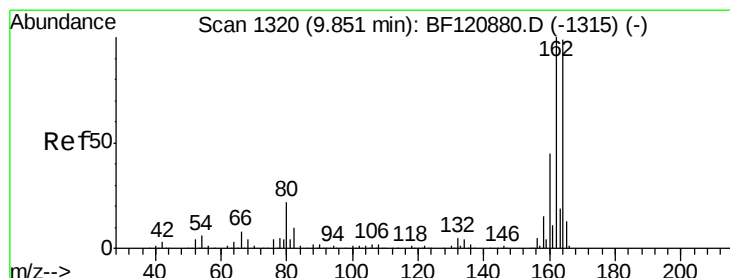
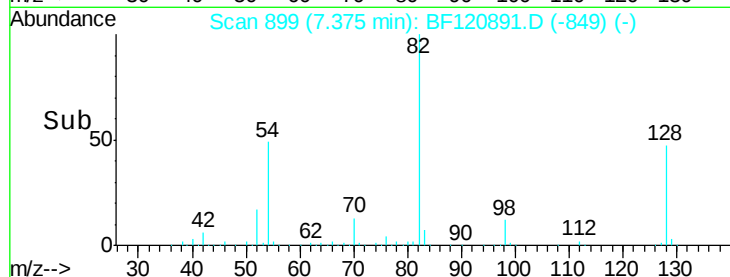
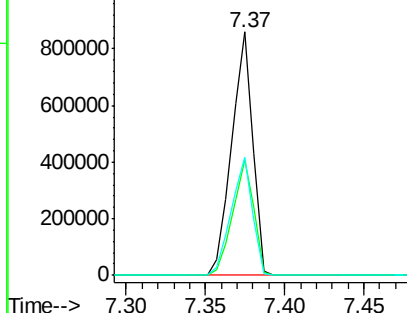
#23
Nitrobenzene-d5
Concen: 75.778 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Instrument :
BNA_F
ClientSampleId :
SU-03-071420

Tot Ion: 82 Resp: 791770
Ion Ratio Lower Upper
82 100
128 47.2 38.2 57.4
54 48.5 38.7 58.1

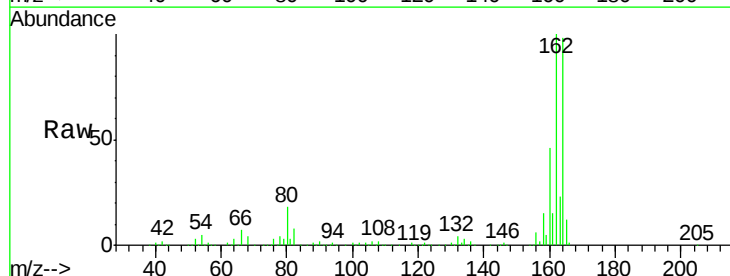


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

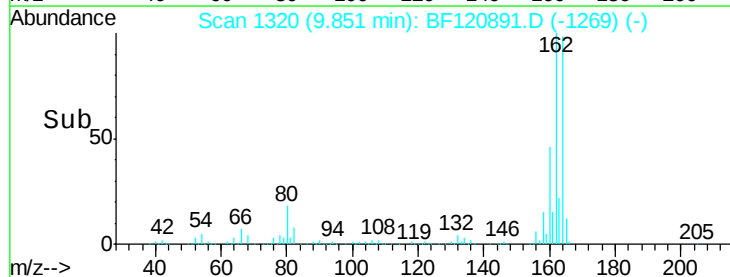
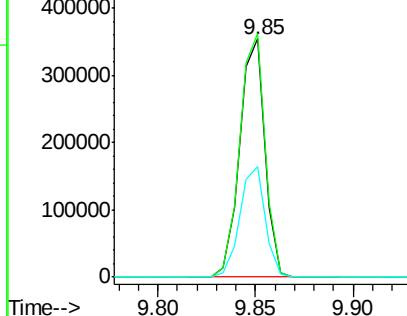


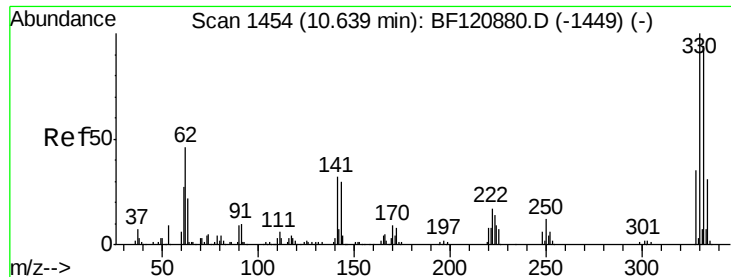
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion:164 Resp: 316739
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 46.6 36.9 55.3



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: 111.859 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420

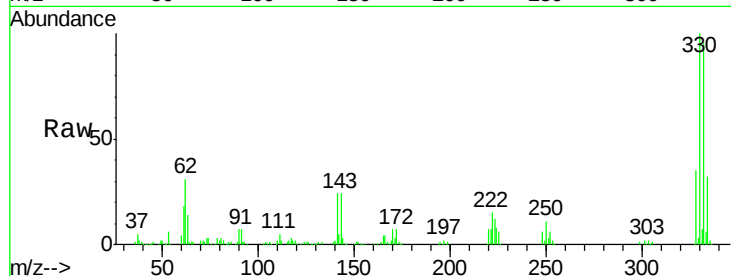
Tot Ion:330 Resp: 387817

Ion Ratio Lower Upper

330 100

332 95.5 75.5 113.3

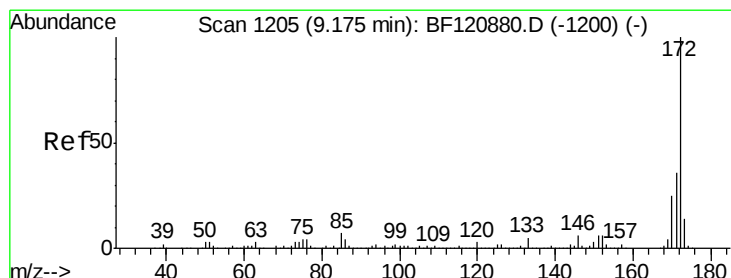
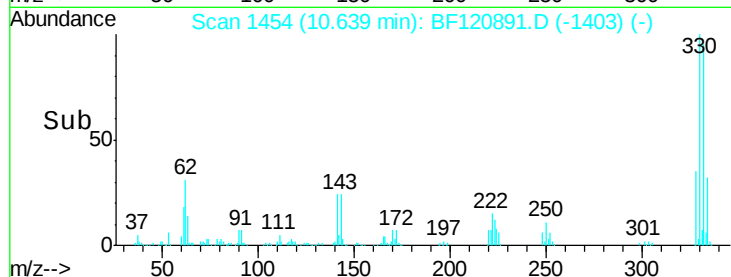
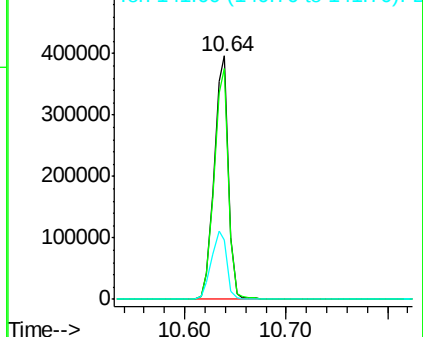
141 30.4 25.7 38.5



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: 66.398 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

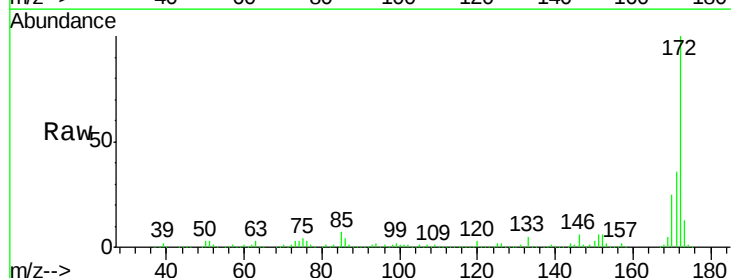
Tgt Ion:172 Resp: 1408579

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

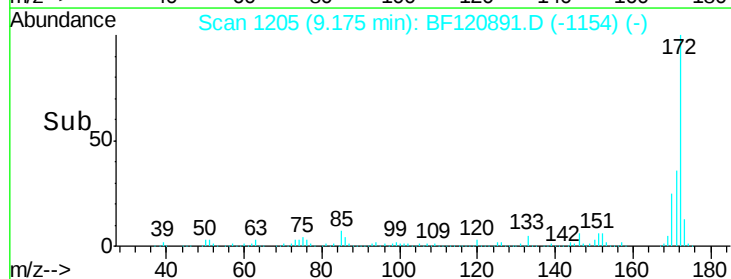
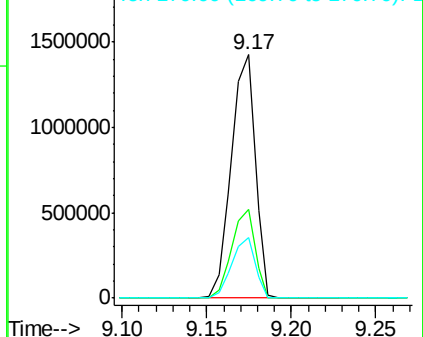
170 24.7 19.6 29.4

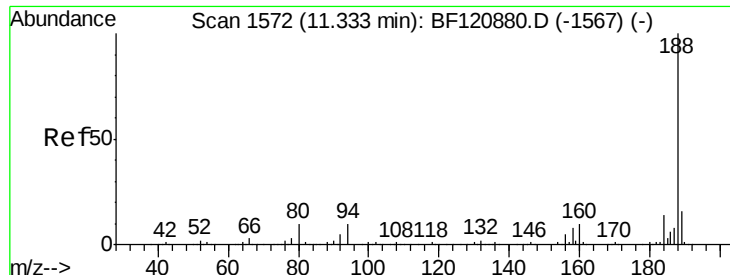


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

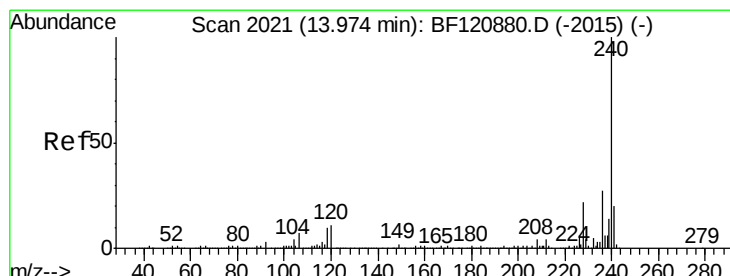
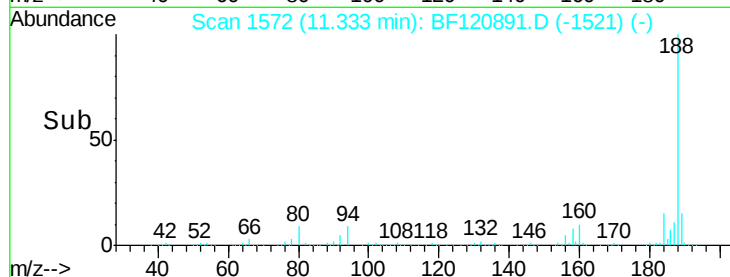
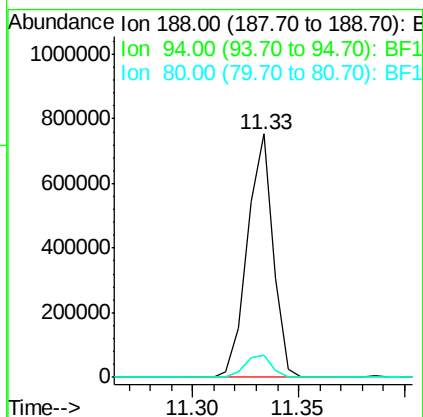
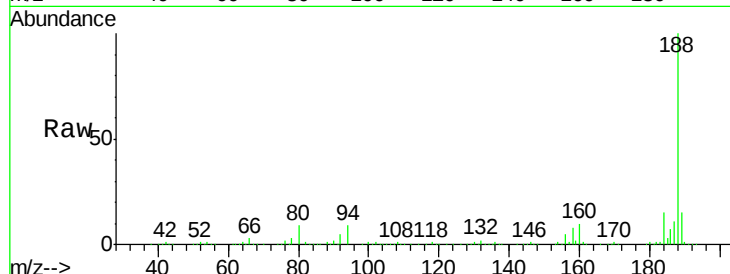




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

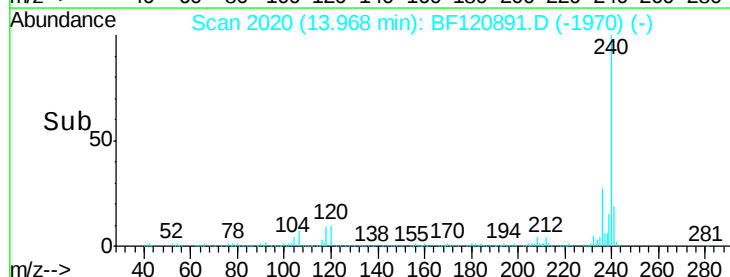
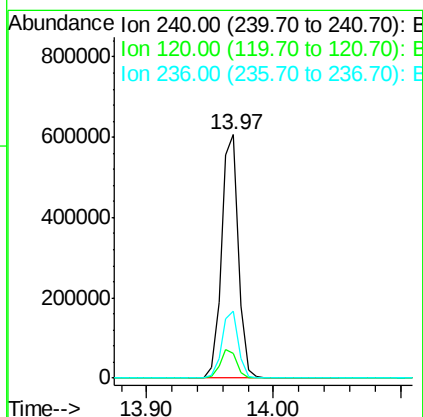
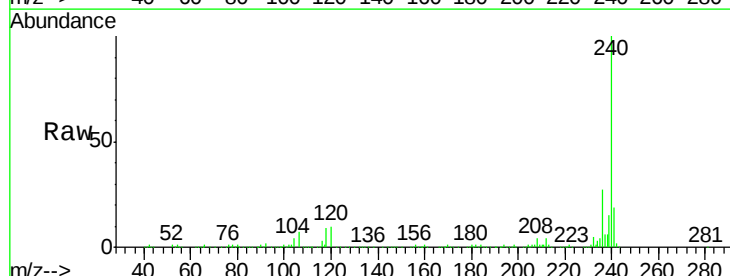
Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.2	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120891.D
Acq: 16 Jul 2020 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	27.4	21.7	32.5





#79

Terphenyl-d14

Concen: 62.638 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420

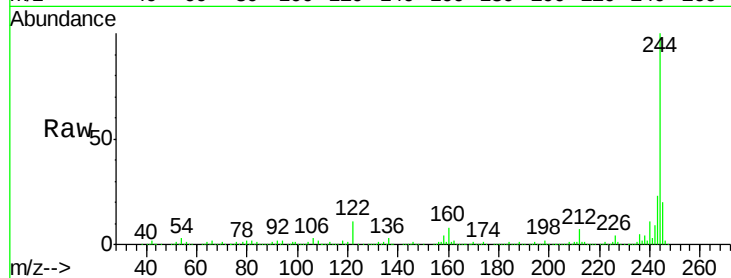
Tot Ion:244 Resp: 1617035

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

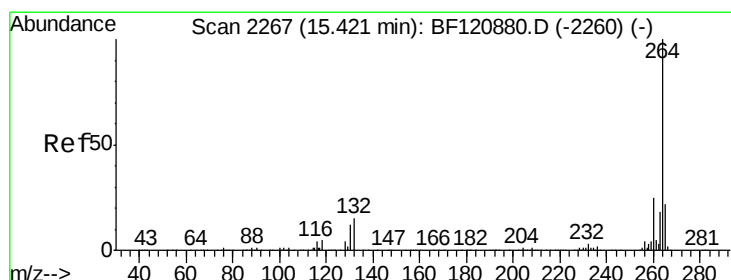
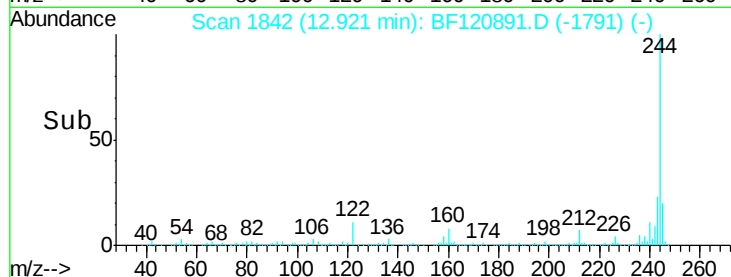
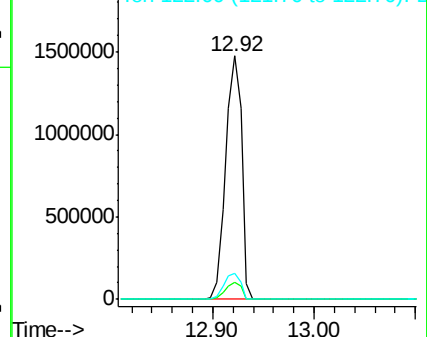
122 10.8 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120891.D

Acq: 16 Jul 2020 17:57

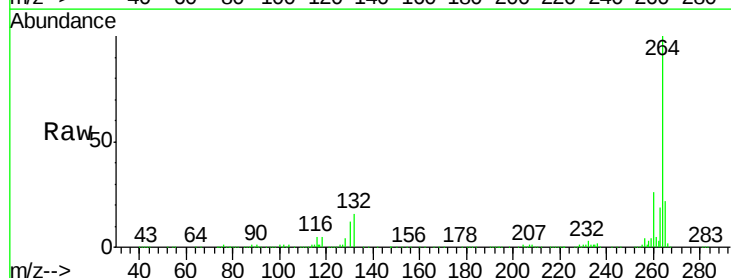
Tgt Ion:264 Resp: 503016

Ion Ratio Lower Upper

264 100

260 25.6 20.0 30.0

265 21.9 17.4 26.2



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

