

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120142.D
 Acq On : 22 Apr 2020 20:15
 Operator : MA/SJ
 Sample : L2342-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

Quant Time: Apr 23 03:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

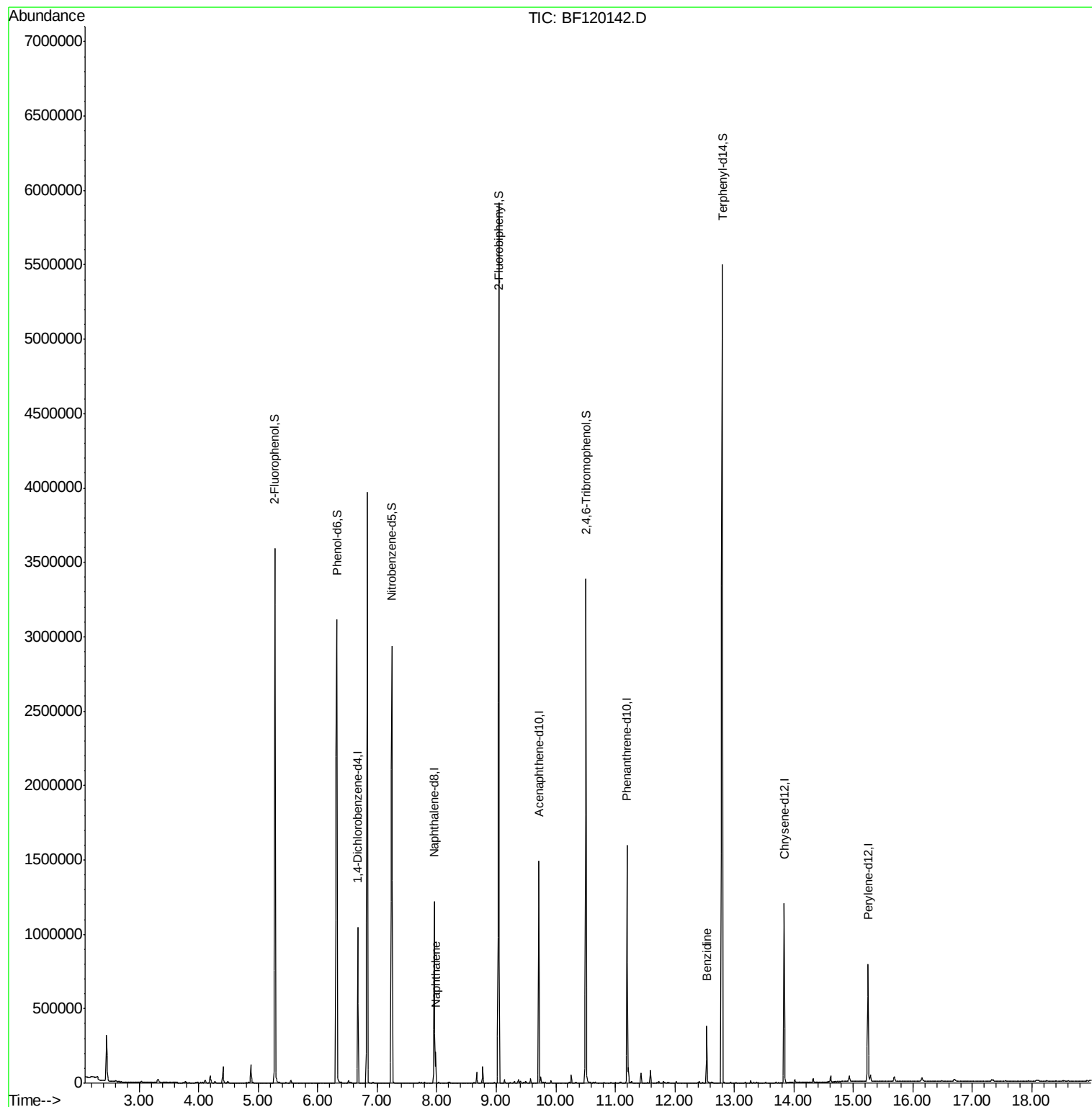
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	140472	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	542676	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	281490	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	534064	20.00	ng	0.00
76) Chrysene-d12	13.84	240	407835	20.00	ng	-0.01
87) Perylene-d12	15.24	264	330971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	995423	122.46	ng	0.00
7) Phenol-d6	6.32	99	1256575	119.97	ng	0.00
23) Nitrobenzene-d5	7.25	82	963290	91.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	428213	124.25	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1877919	94.72	ng	0.00
79) Terphenyl-d14	12.80	244	2197376	90.66	ng	0.00
Target Compounds						
31) Naphthalene	7.98	128	78259	2.74	ng	95
77) Benzidine	12.53	184	140020	10.16	ng	98

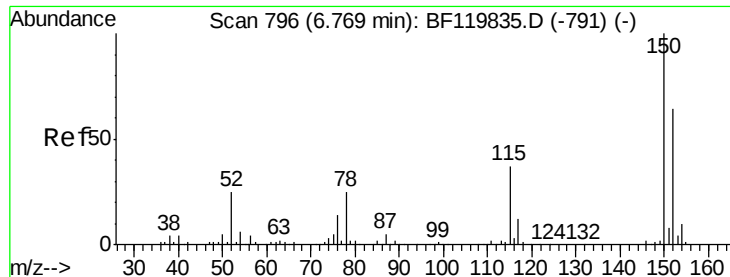
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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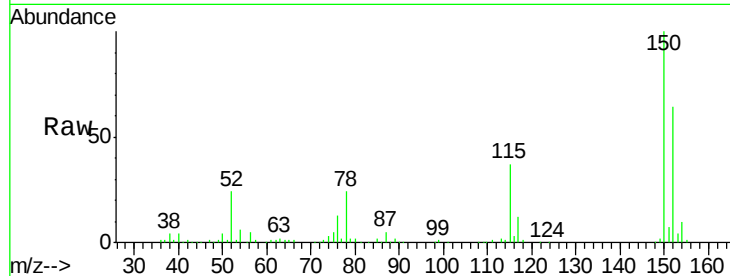


#1

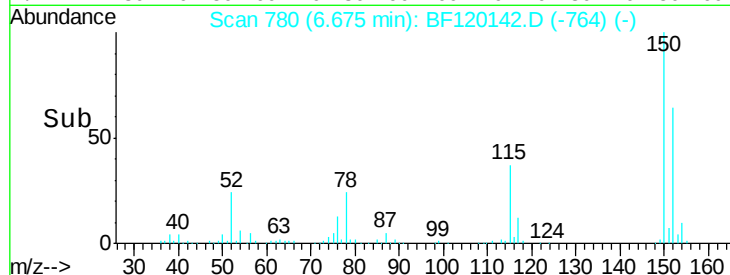
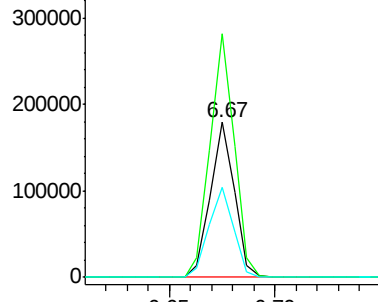
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Instrument :
BNA_F
ClientSampleId :
TP-15-COMP

Tgt Ion:152 Resp: 140472
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 58.5 49.6 74.4



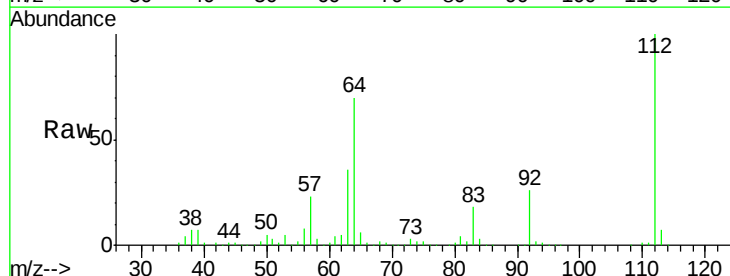
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



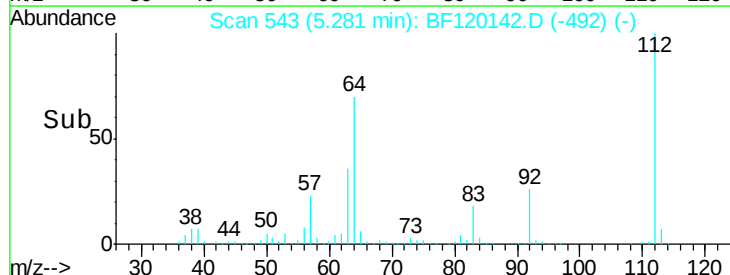
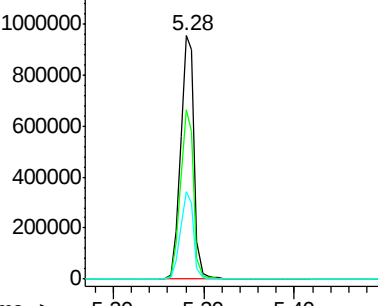
#5

2-Fluorophenol
Concen: 122.46 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Tgt Ion:112 Resp: 995423
Ion Ratio Lower Upper
112 100
64 69.6 56.7 85.1
63 36.1 29.5 44.3



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: 119.97 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

TP-15-COMP

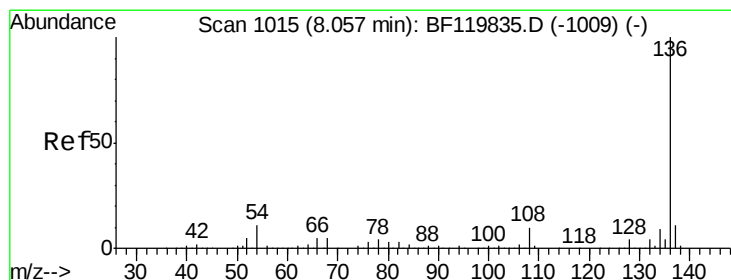
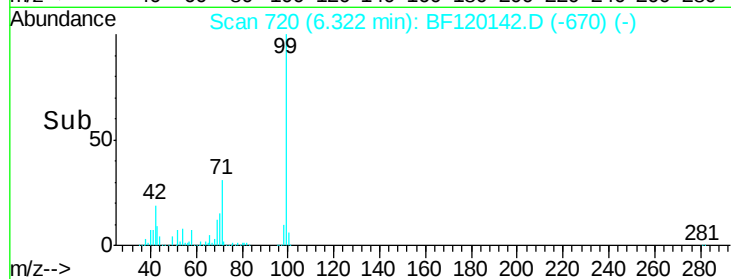
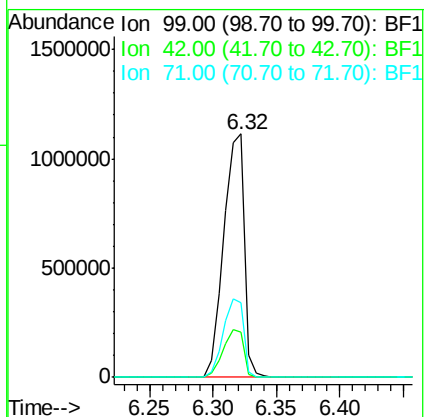
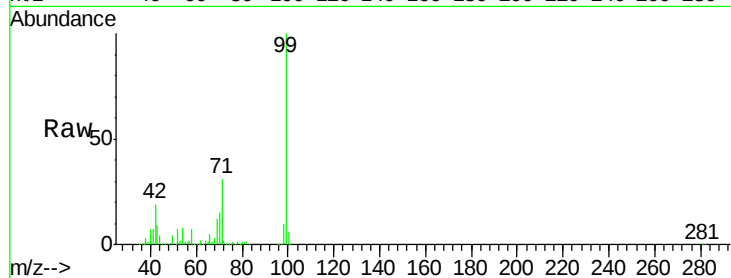
Tgt Ion: 99 Resp: 1256575

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

71 30.6 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Tgt Ion: 136 Resp: 542676

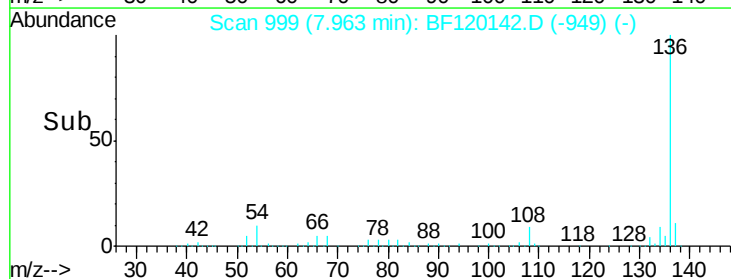
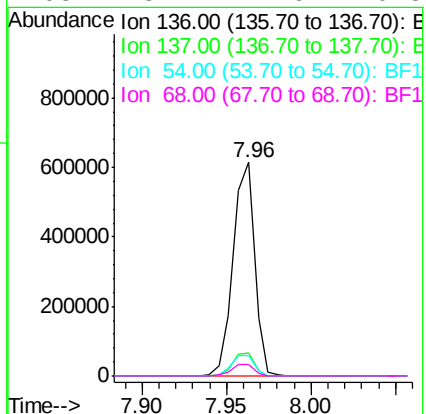
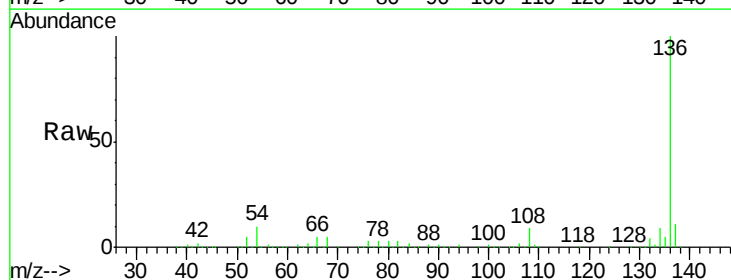
Ion Ratio Lower Upper

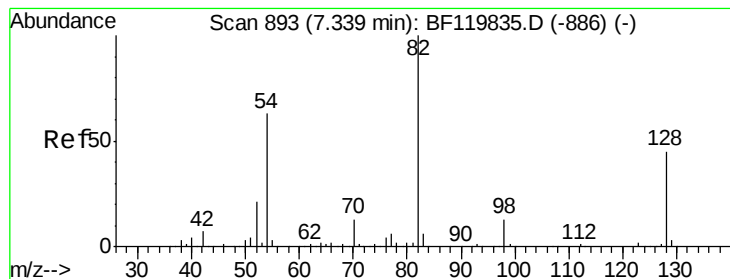
136 100

137 10.8 8.7 13.1

54 9.5 9.1 13.7

68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.83 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

ClientSampleId :

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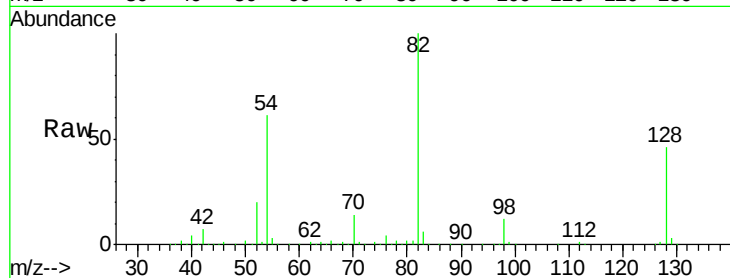
Tgt Ion: 82 Resp: 963290

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

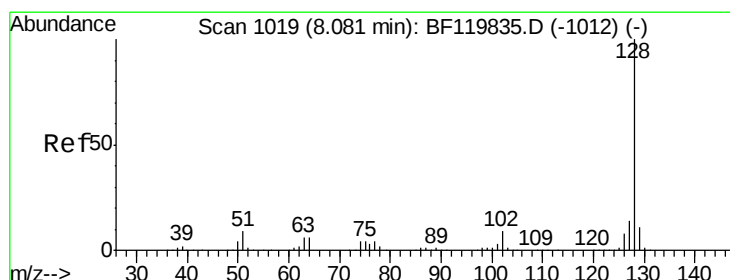
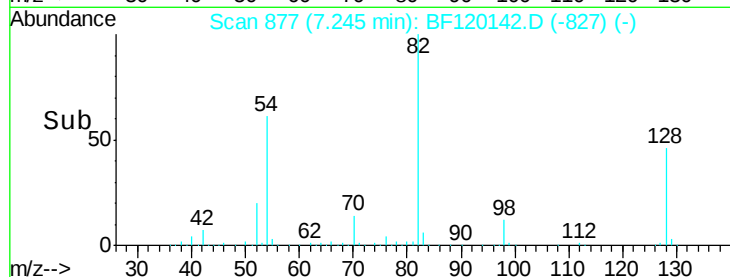
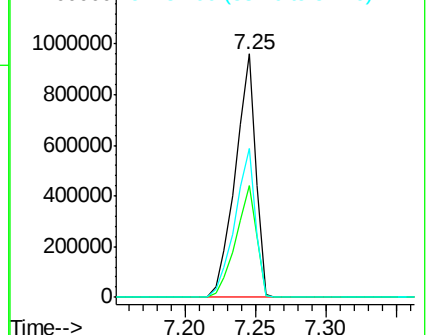
54 61.1 50.6 75.8



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



#31

Naphthalene

Concen: 2.74 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

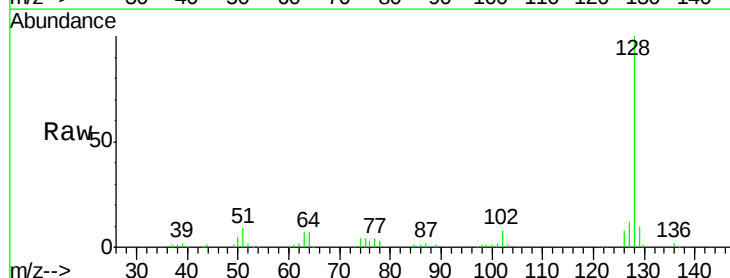
Tgt Ion: 128 Resp: 78259

Ion Ratio Lower Upper

128 100

129 10.4 9.5 14.3

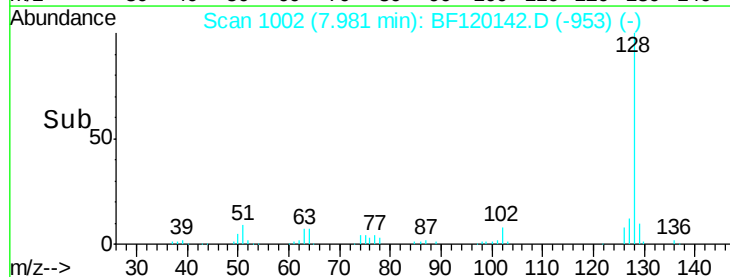
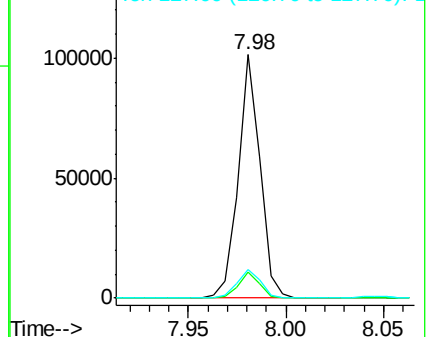
127 11.8 11.3 16.9

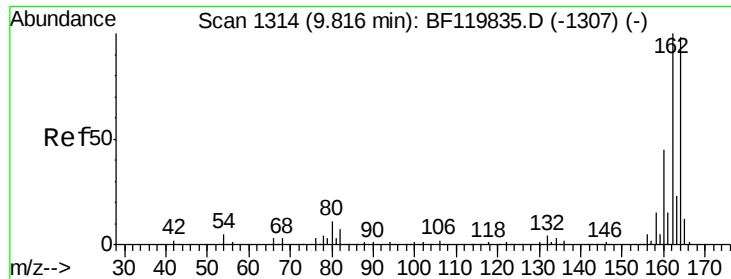


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

Instrument :

BNA_F

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TP-15-COMP

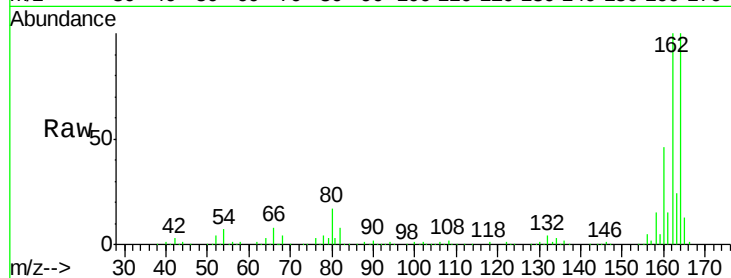
Tgt Ion:164 Resp: 281490

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

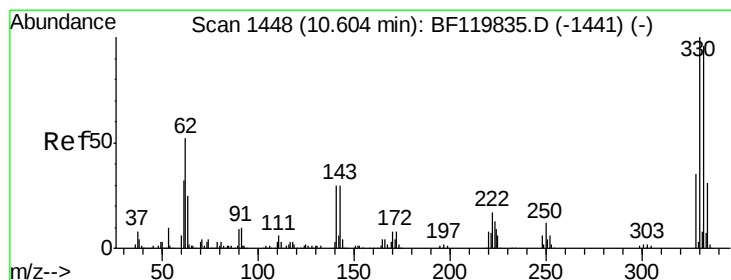
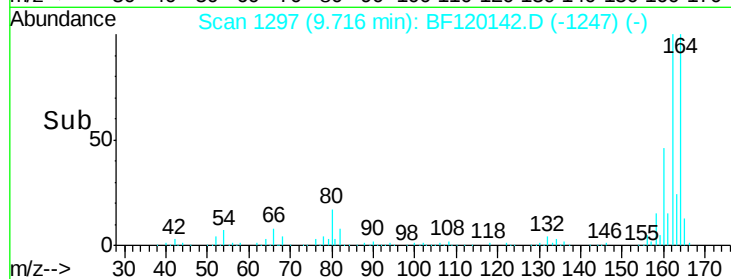
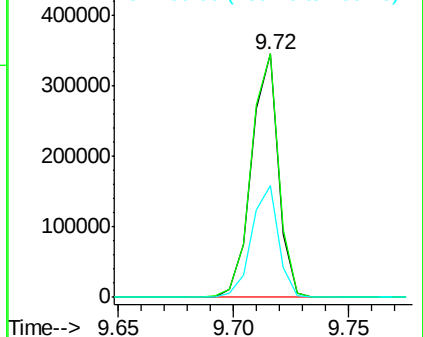
160 45.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 124.25 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF120142.D

Acq: 22 Apr 2020 20:15

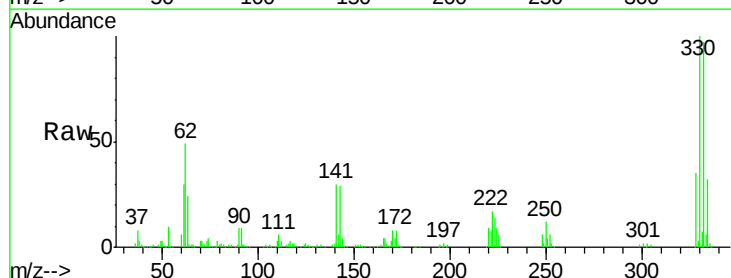
Tgt Ion:330 Resp: 428213

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

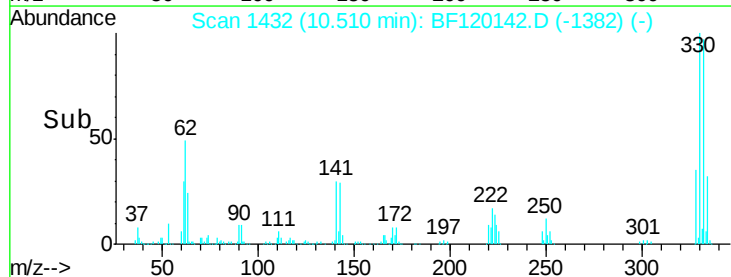
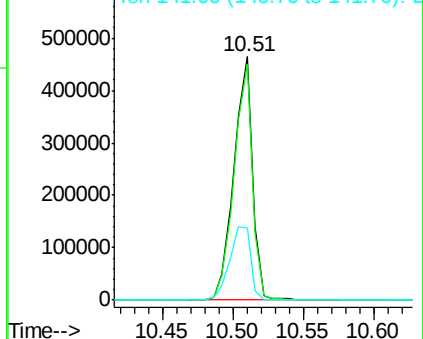
141 34.4 25.4 38.0

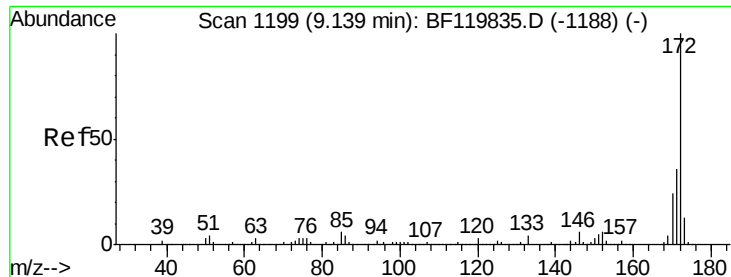


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

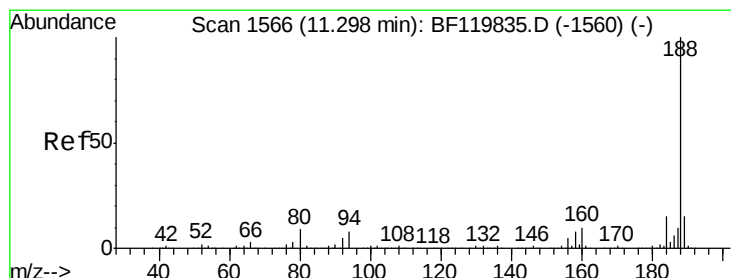
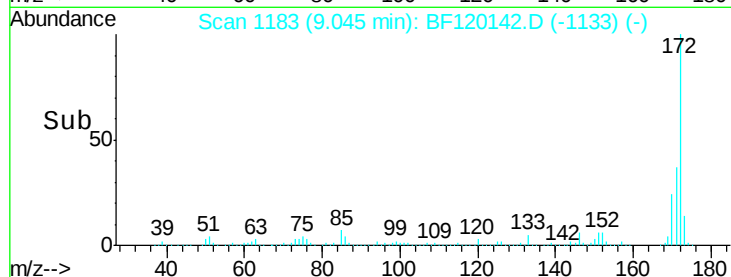
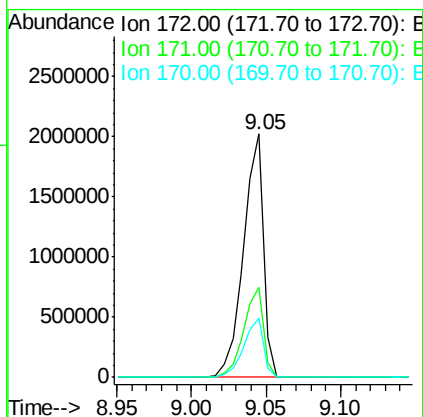
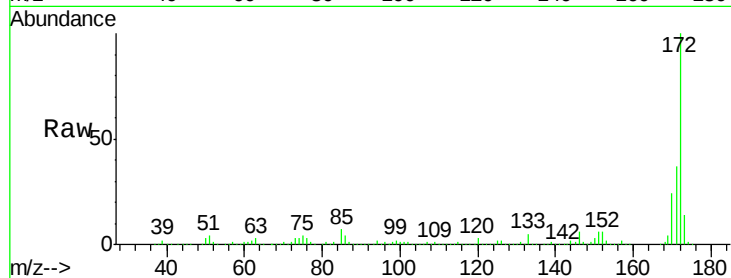




#45
 2-Fluorobiphenyl
 Concen: 94.72 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

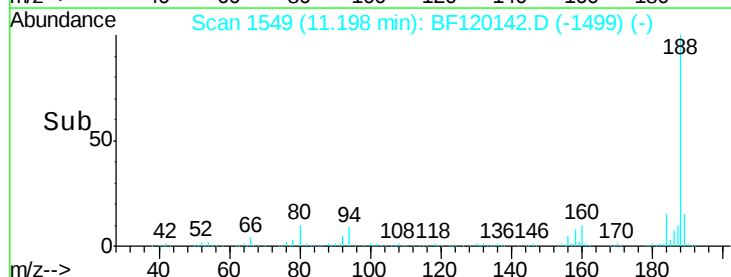
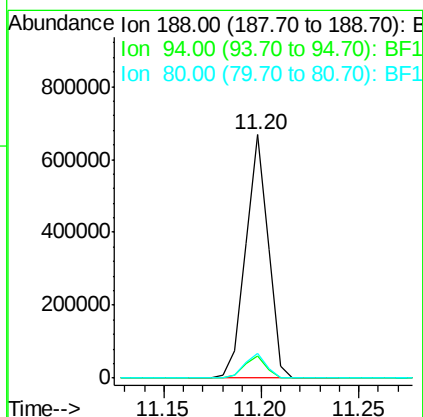
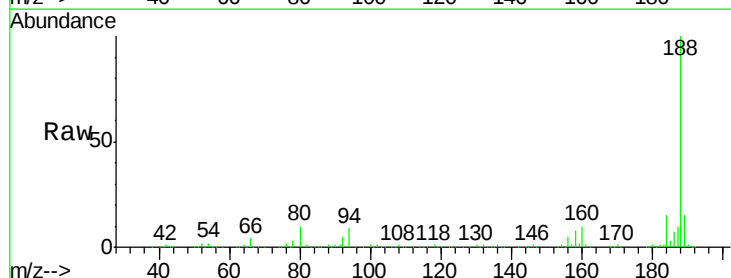
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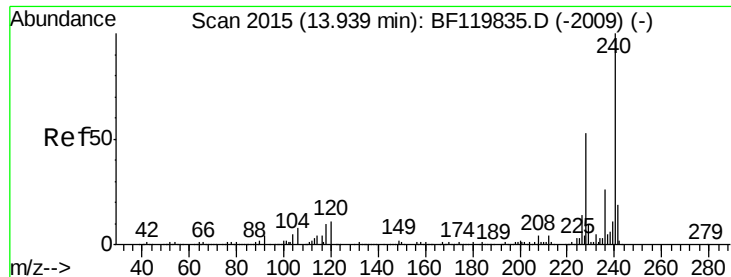
Tgt Ion:172 Resp: 1877919
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.4 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Tgt Ion:188 Resp: 534064
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 10.1 9.0 13.4

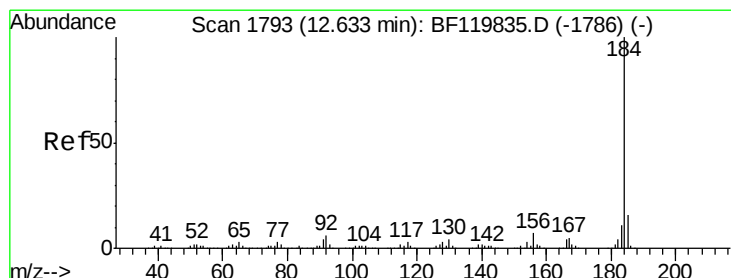
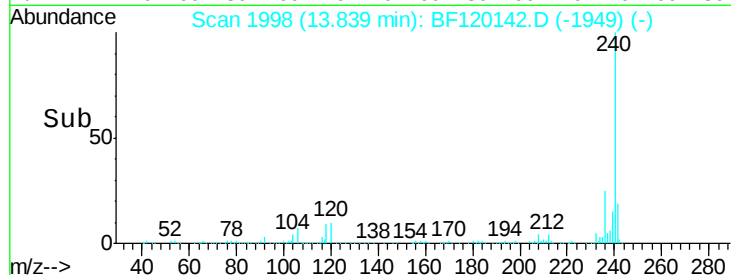
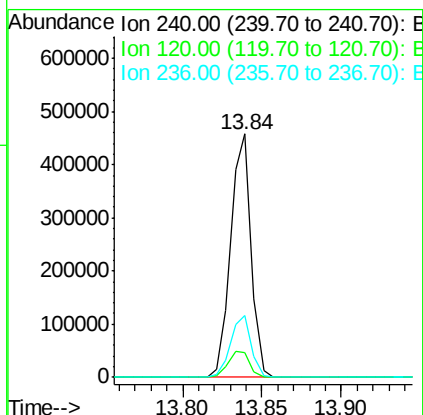
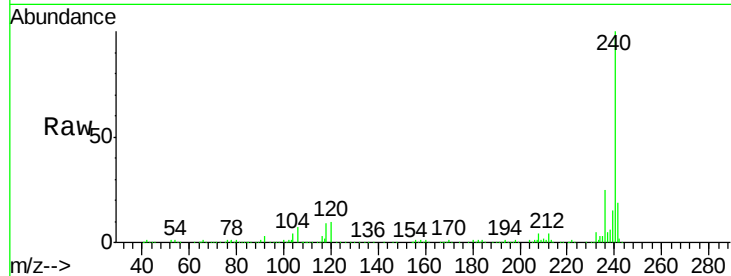




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

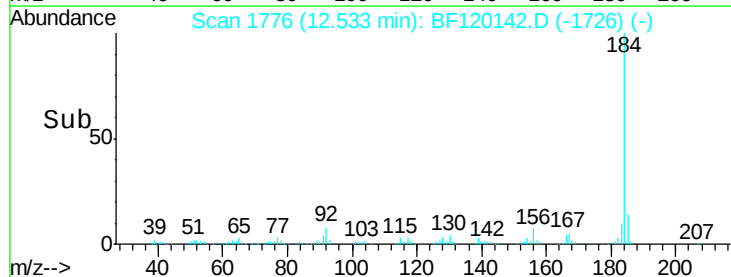
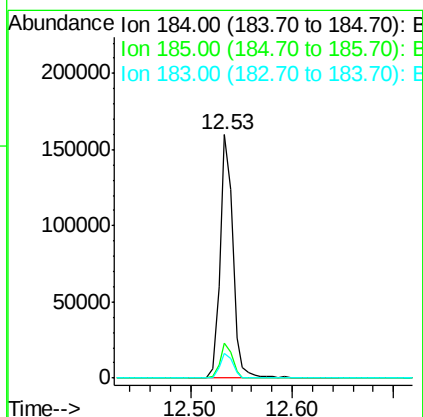
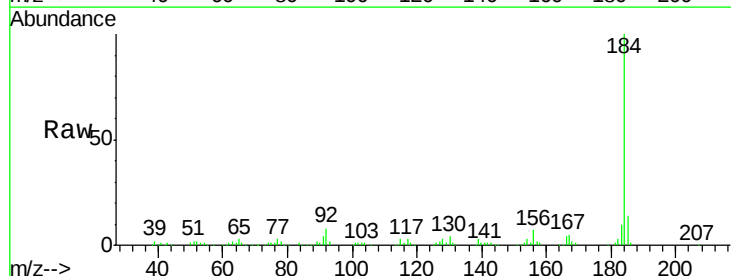
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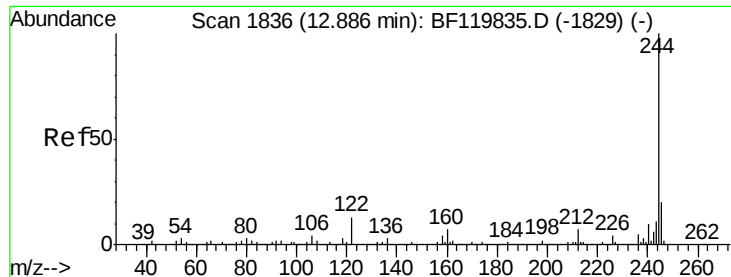
Tgt Ion:240 Resp: 407835
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.4 20.2 30.2



#77
Benzidine
Concen: 10.16 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF120142.D
Acq: 22 Apr 2020 20:15

Tgt Ion:184 Resp: 140020
Ion Ratio Lower Upper
184 100
185 14.4 12.3 18.5
183 10.4 9.0 13.6

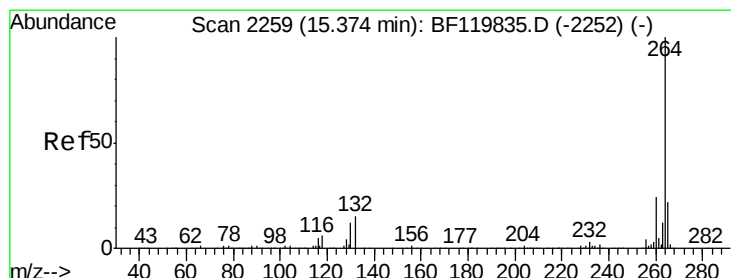
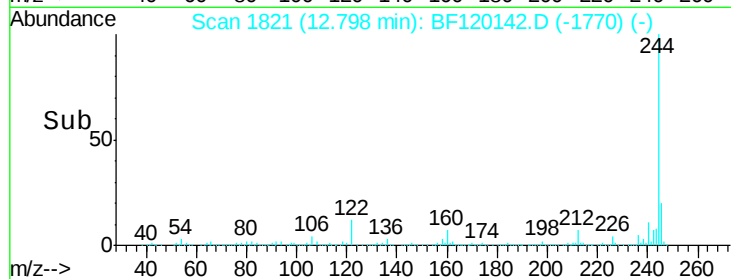
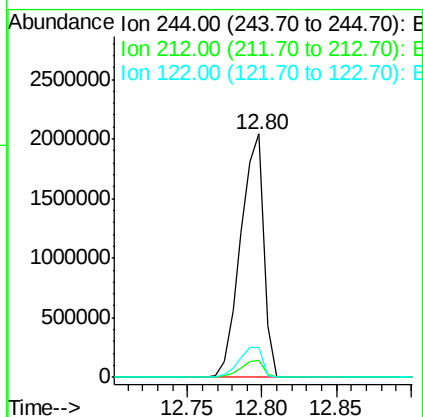
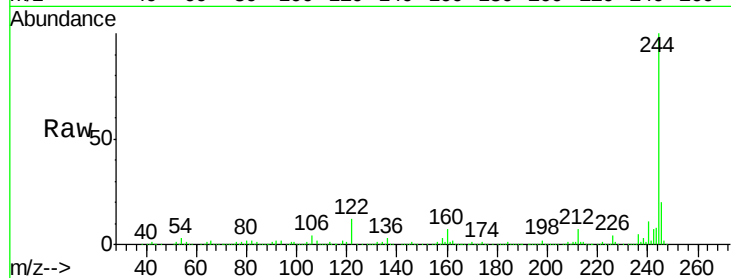




#79
 Terphenyl-d14
 Concen: 90.66 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-COMP

Tgt Ion:244 Resp: 2197376
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.3 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120142.D
 Acq: 22 Apr 2020 20:15

Tgt Ion:264 Resp: 330971
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.0 17.7 26.5

