

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120141.D
 Acq On : 22 Apr 2020 19:48
 Operator : MA/SJ
 Sample : L2342-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Quant Time: Apr 23 03:53:48 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	130858	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	513754	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	265675	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	518169	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396003	20.00	ng	-0.01
87) Perylene-d12	15.24	264	312937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	991103	130.89	ng	0.00
7) Phenol-d6	6.32	99	1149410	117.80	ng	-0.01
23) Nitrobenzene-d5	7.25	82	901670	90.80	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	405535	124.67	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1755530	93.82	ng	0.00
79) Terphenyl-d14	12.80	244	2102636	89.34	ng	0.00

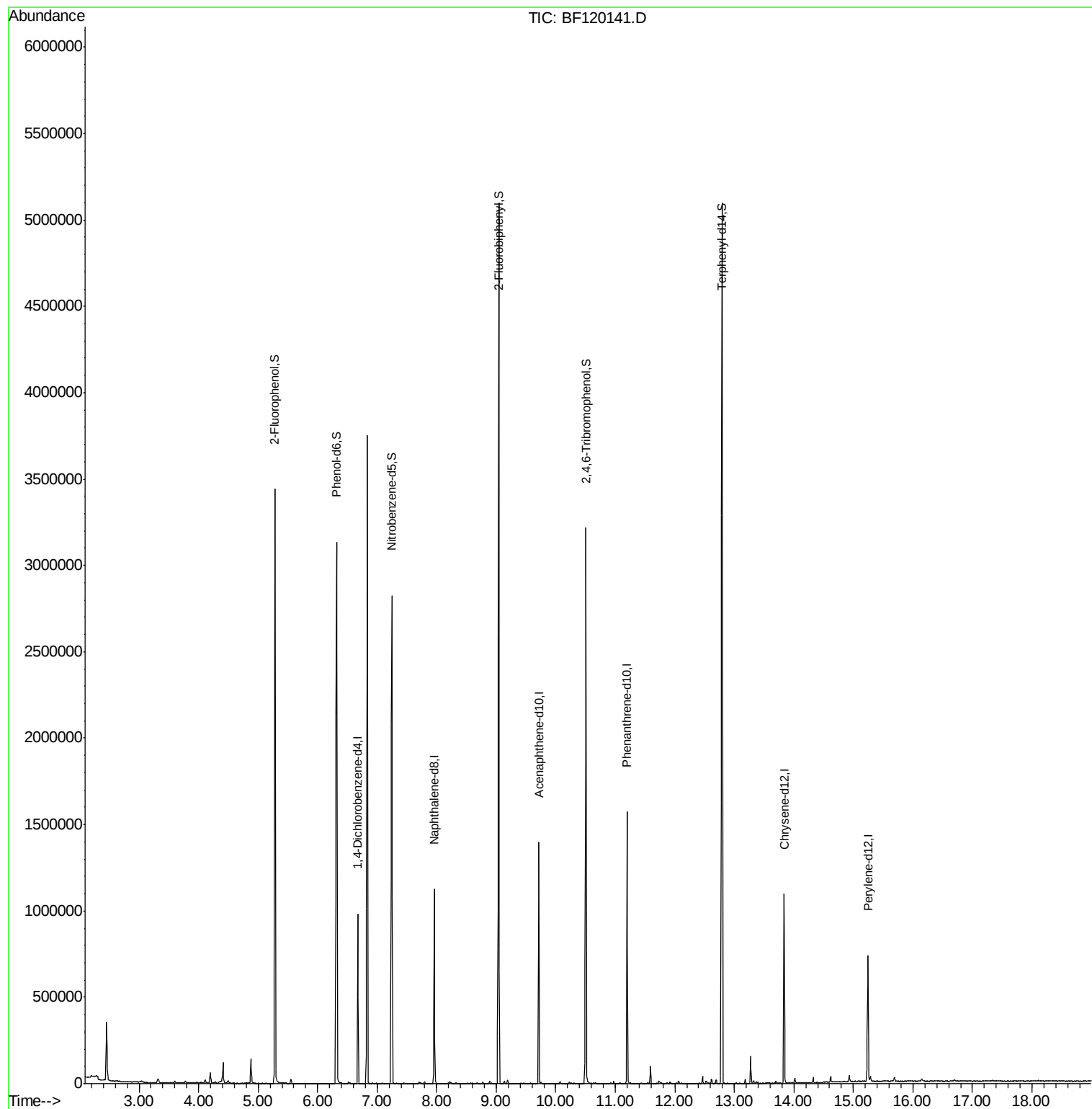
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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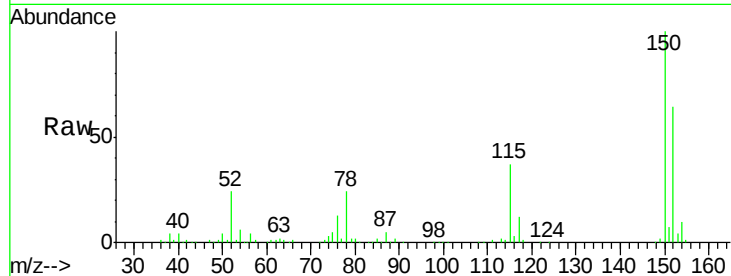




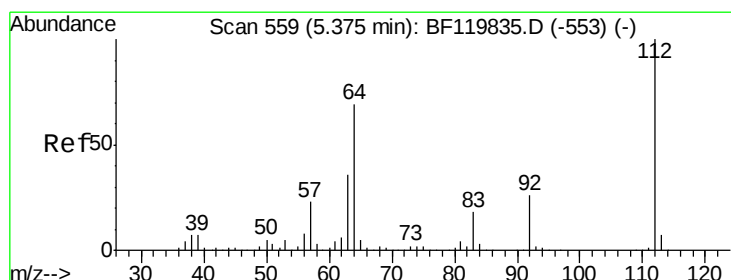
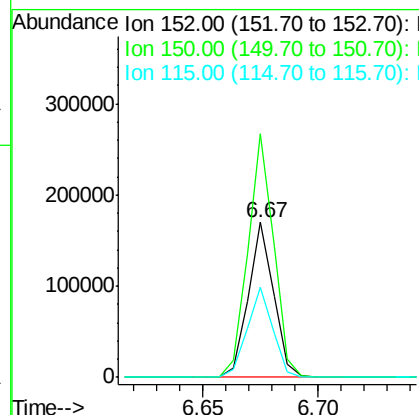
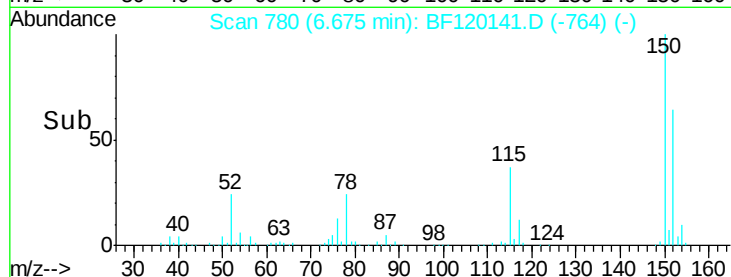
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Tgt Ion:152 Resp: 130858
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.5 186.7
 115 58.2 49.6 74.4

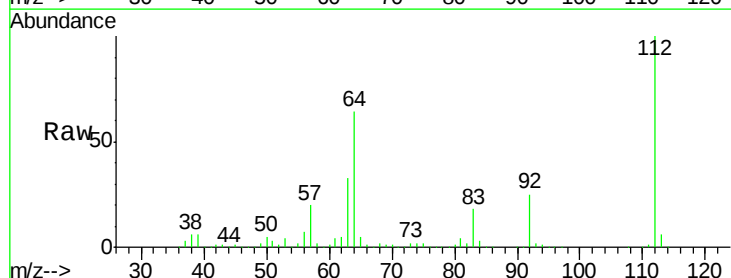


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

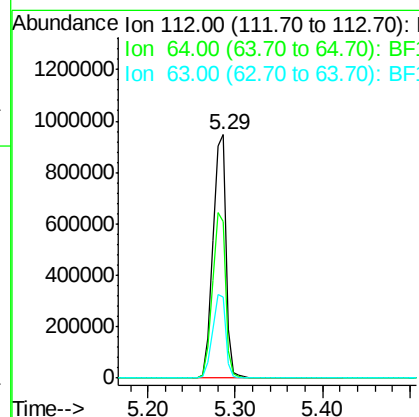
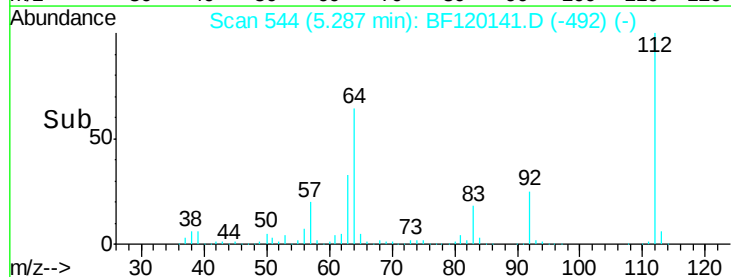


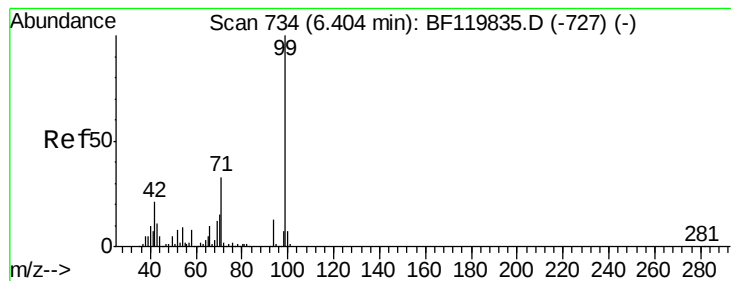
#5
 2-Fluorophenol
 Concen: 130.89 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion:112 Resp: 991103
 Ion Ratio Lower Upper
 112 100
 64 64.3 56.7 85.1
 63 33.4 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: 117.80 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120141.D

Acq: 22 Apr 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-17-16-COMP

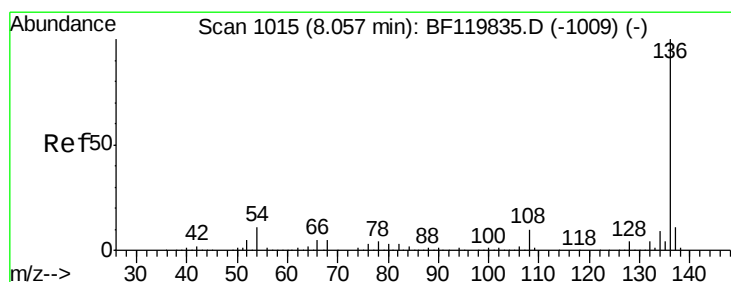
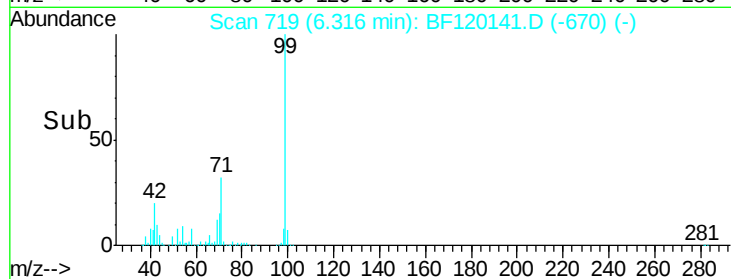
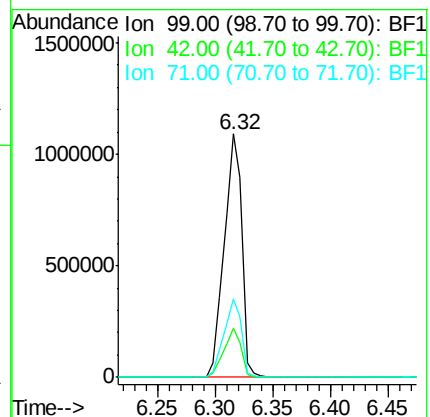
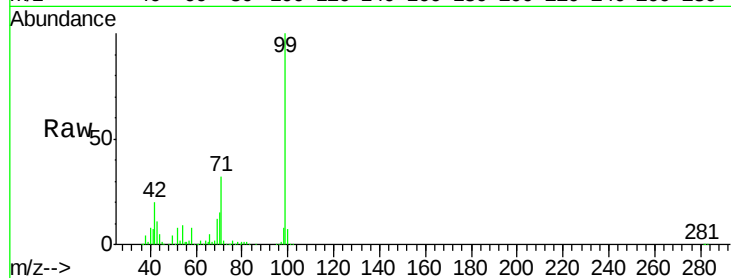
Tgt Ion: 99 Resp: 1149410

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 32.4 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: BF120141.D

Acq: 22 Apr 2020 19:48

Tgt Ion: 136 Resp: 513754

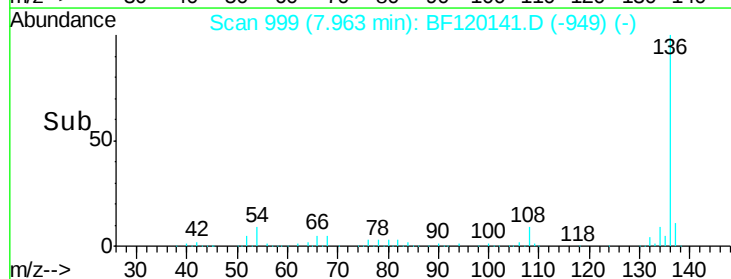
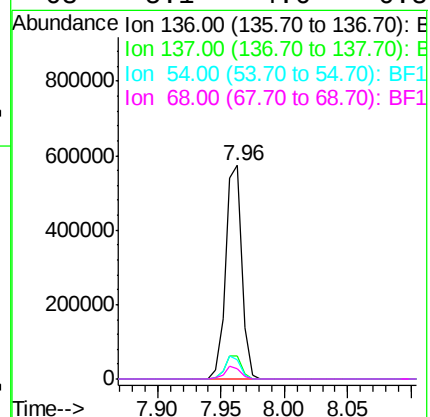
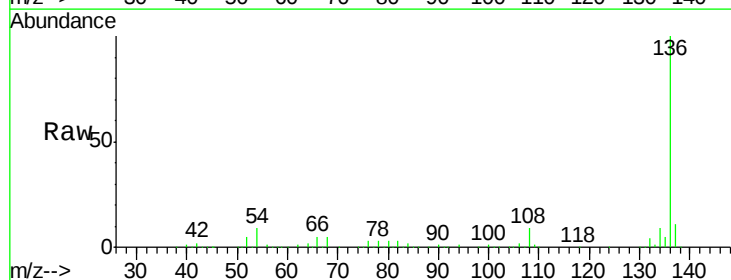
Ion Ratio Lower Upper

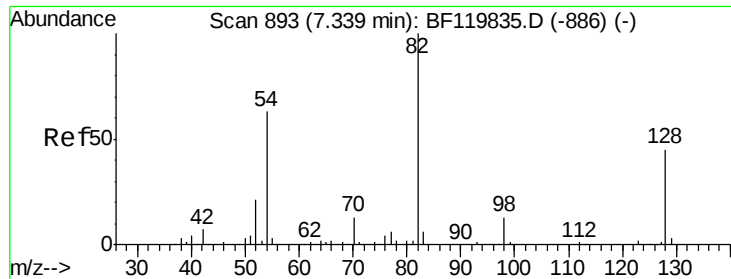
136 100

137 10.8 8.7 13.1

54 9.0 9.1 13.7#

68 5.1 4.6 6.8

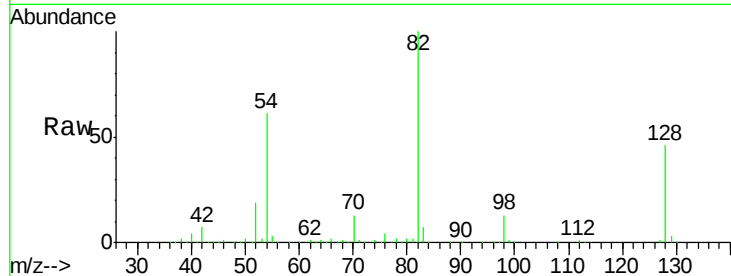




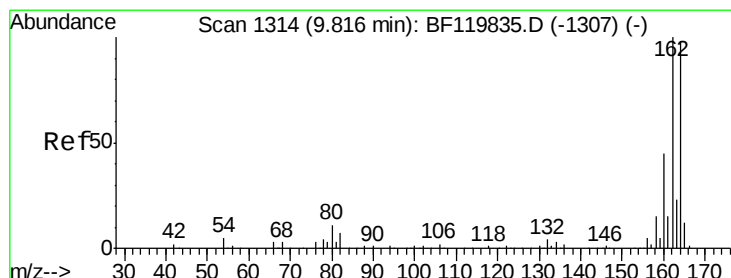
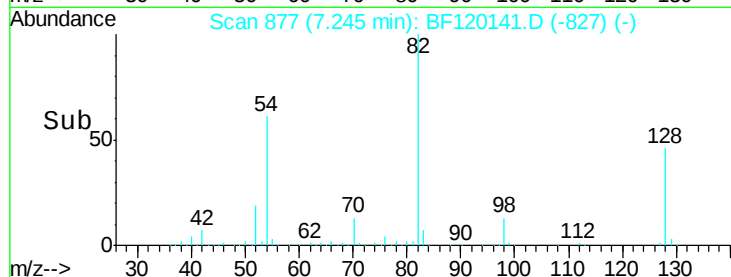
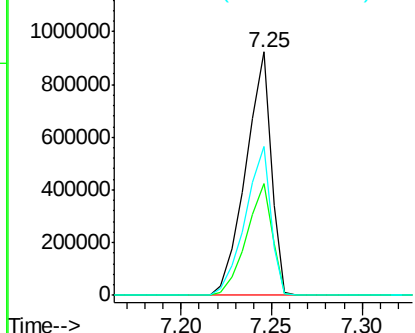
#23
 Nitrobenzene-d5
 Concen: 90.80 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Tgt Ion: 82 Resp: 901670
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.3 54.5
 54 61.0 50.6 75.8

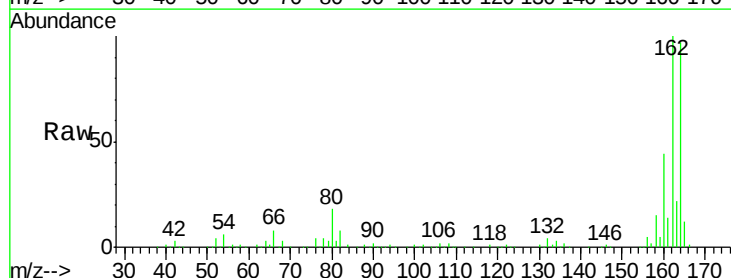


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

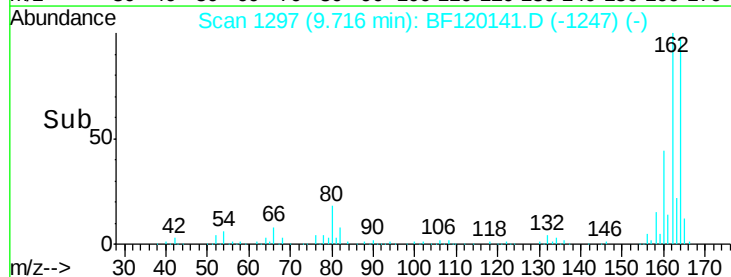
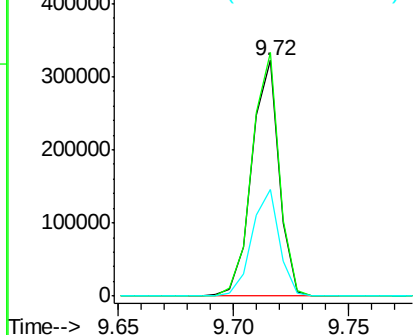


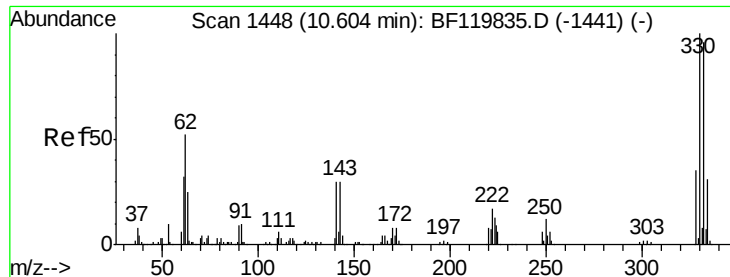
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion: 164 Resp: 265675
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 121.0
 160 45.4 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

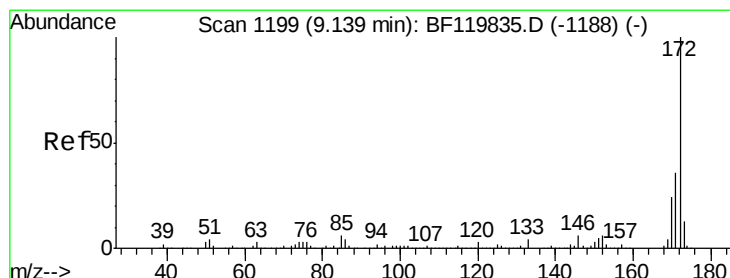
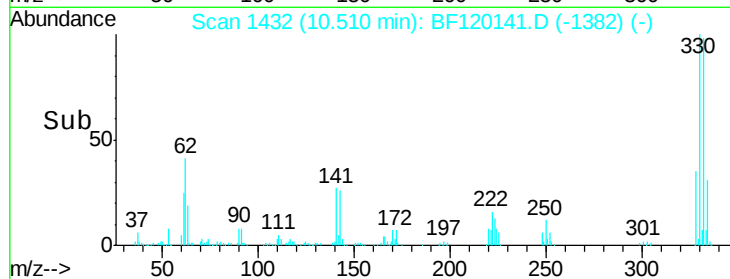
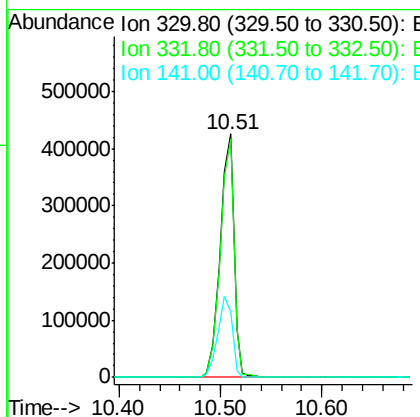
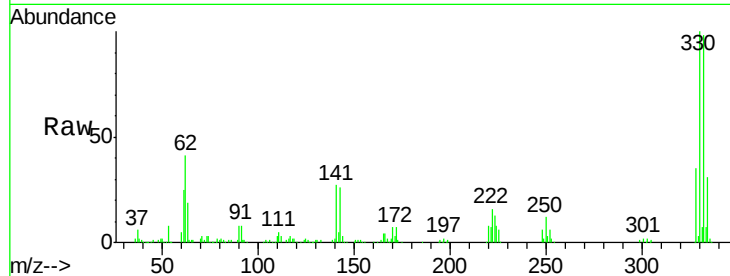




#42
 2,4,6-Tribromophenol
 Concen: 124.67 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

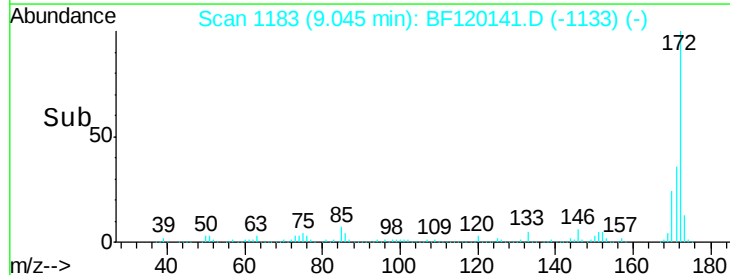
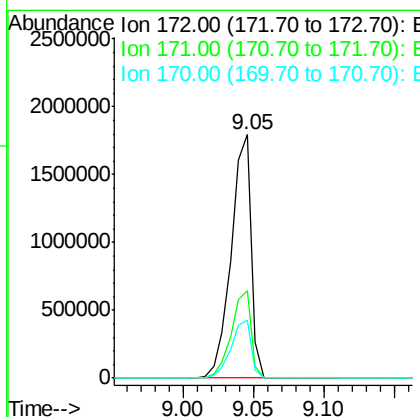
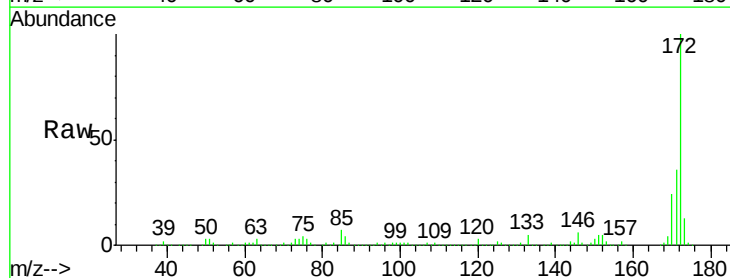
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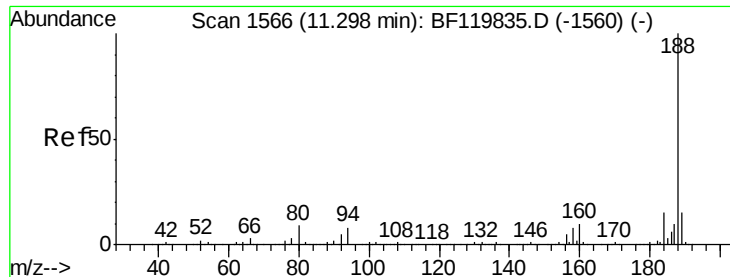
Tgt Ion:330 Resp: 405535
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.7 113.5
 141 34.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 93.82 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion:172 Resp: 1755530
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 20.2 30.2

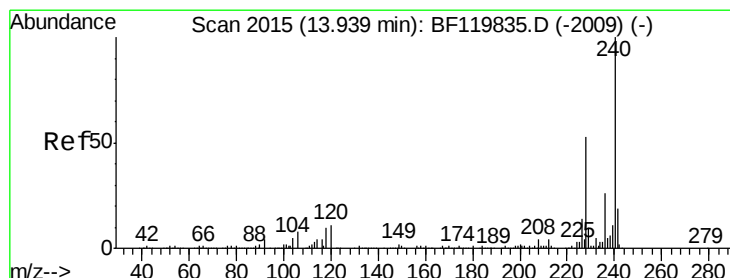
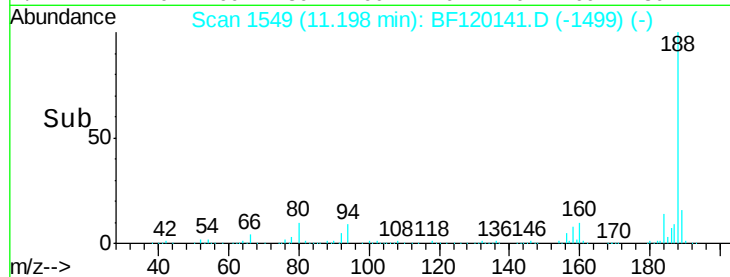
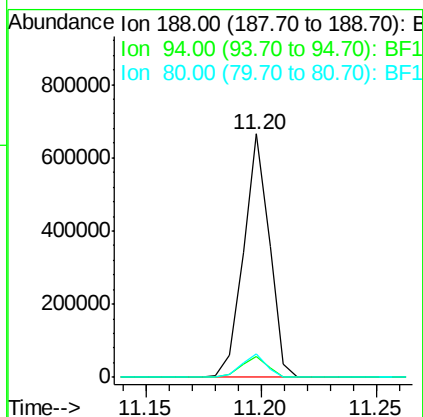
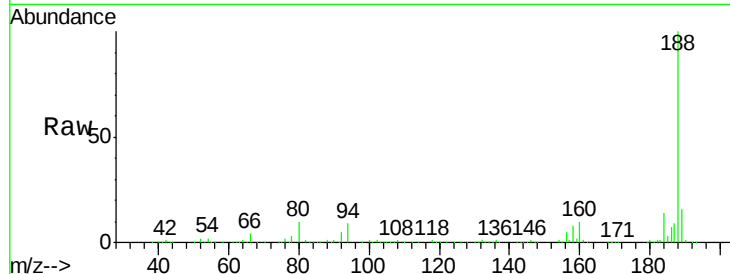




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

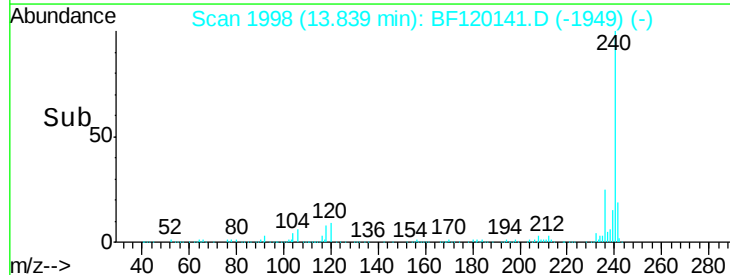
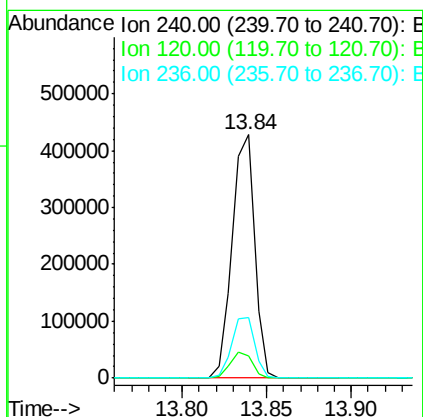
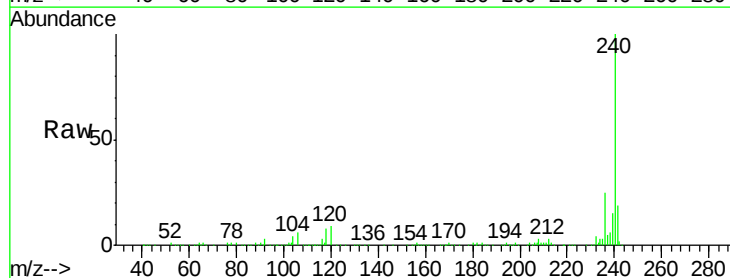
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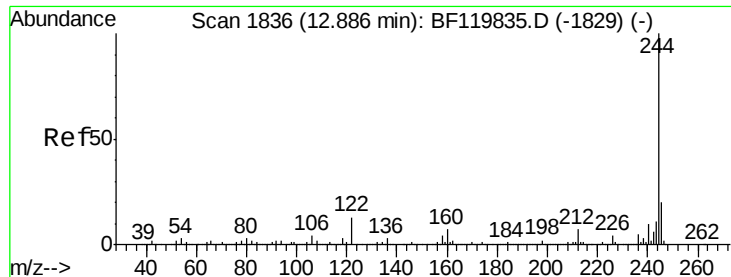
Tgt Ion:	188	Resp:	518169
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.6	9.0	13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120141.D
Acq: 22 Apr 2020 19:48

Tgt Ion:	240	Resp:	396003
Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.6	15.8#
236	24.8	20.2	30.2

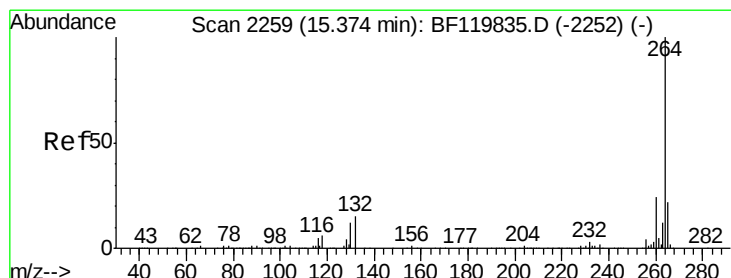
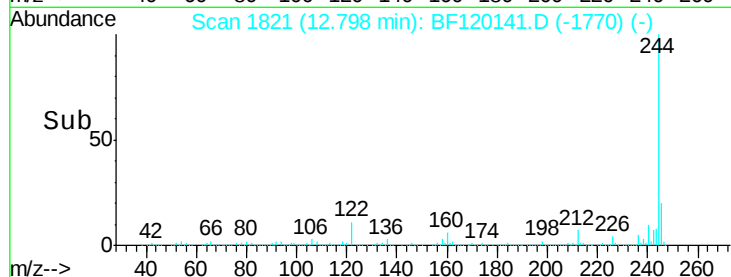
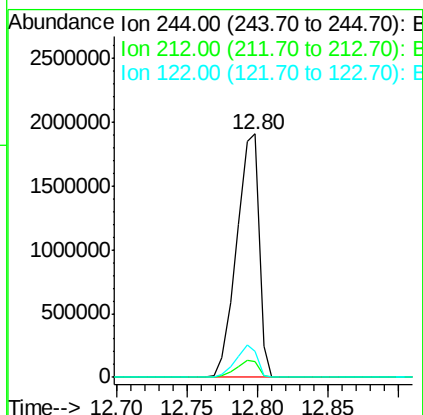
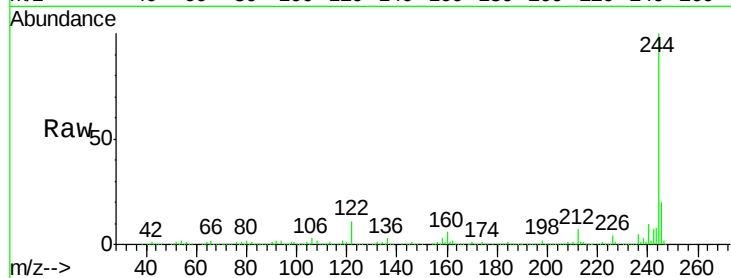




#79
 Terphenyl-d14
 Concen: 89.34 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120141.D
 Acq: 22 Apr 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-16-COMP

Tgt Ion:244 Resp: 2102636
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.7 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: BF120141.D
 Acq: 22 Apr 2020 19:48

Tgt Ion:264 Resp: 312937
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.9 17.7 26.5

