

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120140.D
 Acq On : 22 Apr 2020 19:21
 Operator : MA/SJ
 Sample : L2342-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Quant Time: Apr 23 02:55:37 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	126228	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	482293	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	242791	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	468452	20.00	ng	0.00
76) Chrysene-d12	13.84	240	378772	20.00	ng	-0.01
87) Perylene-d12	15.24	264	302451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	962106	131.72	ng	0.00
7) Phenol-d6	6.32	99	1137322	120.84	ng	-0.01
23) Nitrobenzene-d5	7.25	82	877368	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	389560	131.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1727640	101.03	ng	0.00
79) Terphenyl-d14	12.80	244	2004911	89.07	ng	0.00

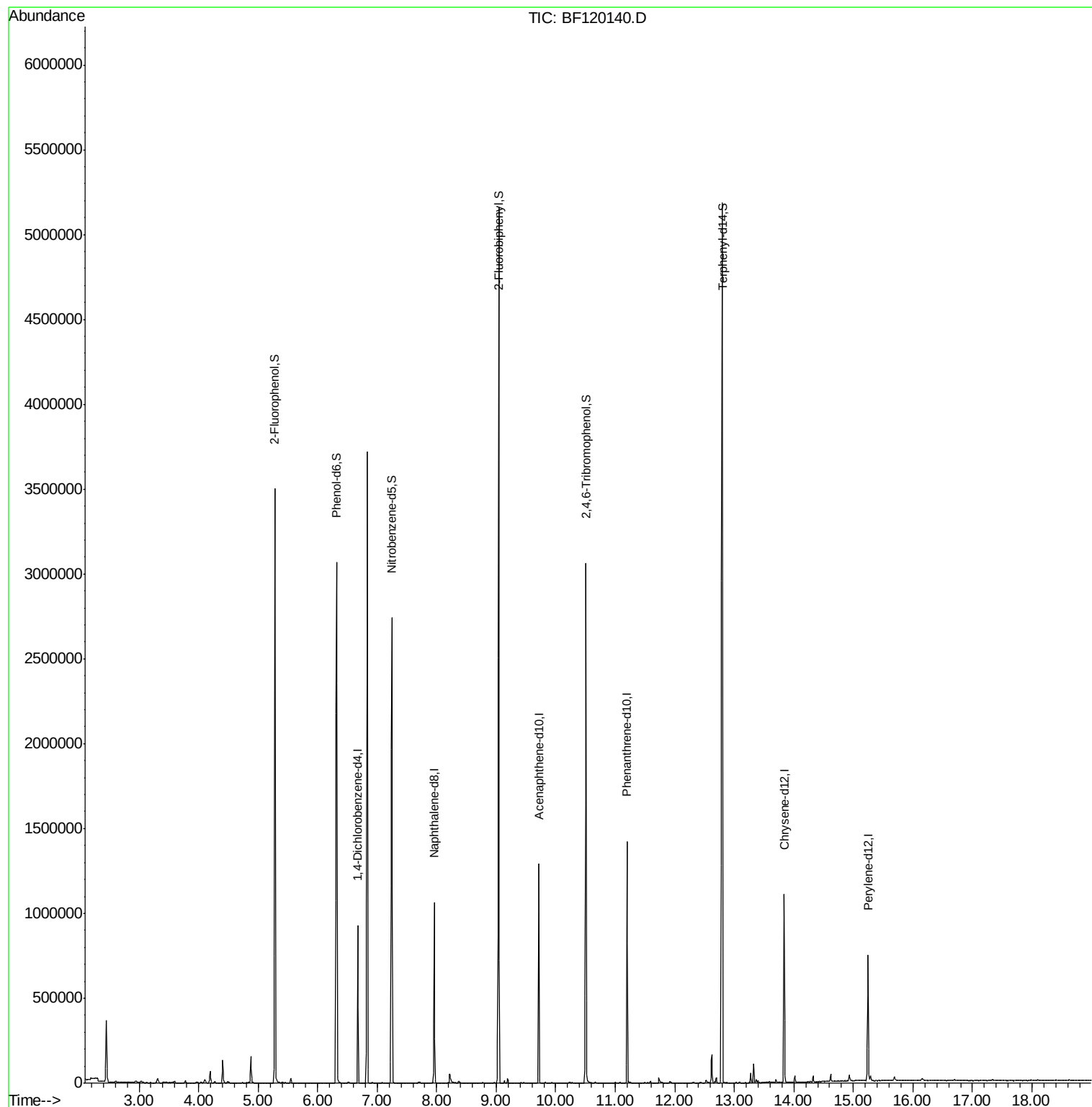
Target Compounds	Qvalue
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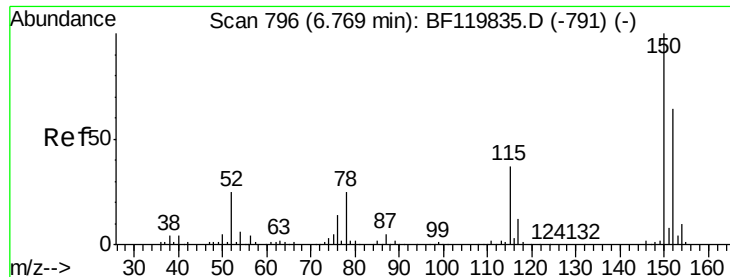
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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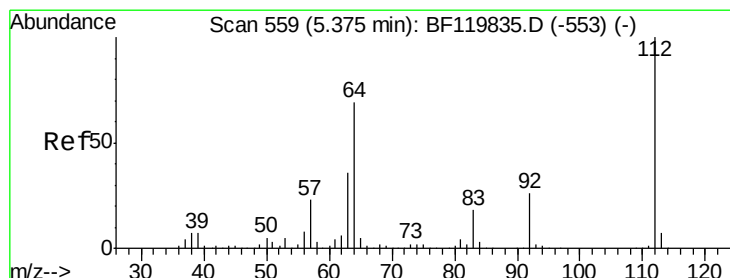
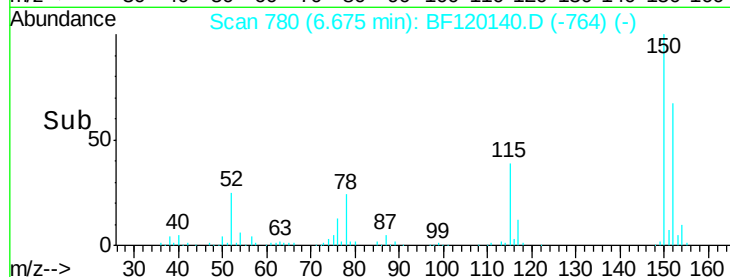
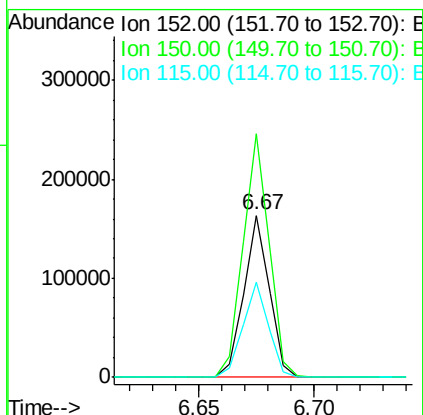
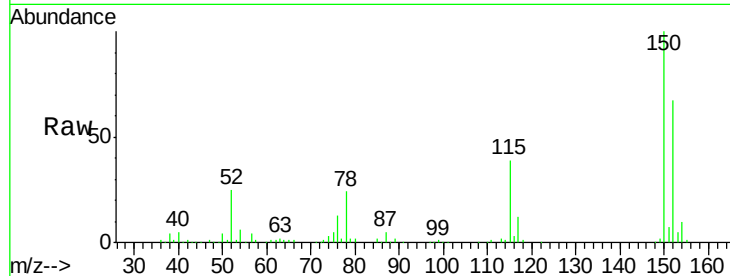




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

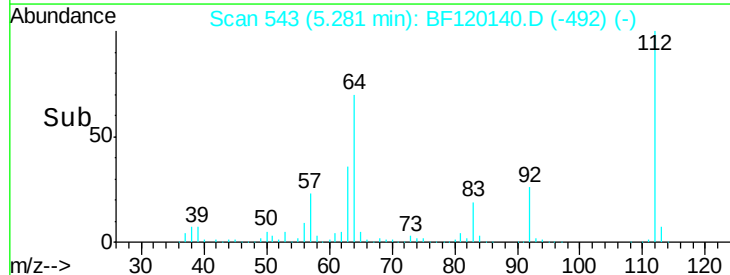
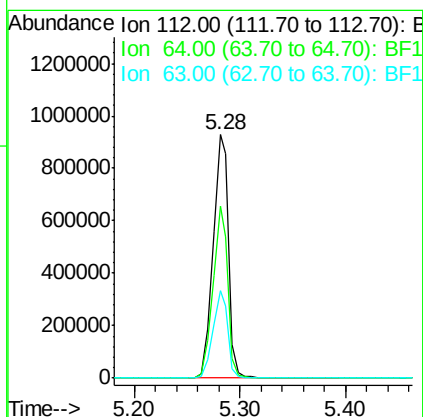
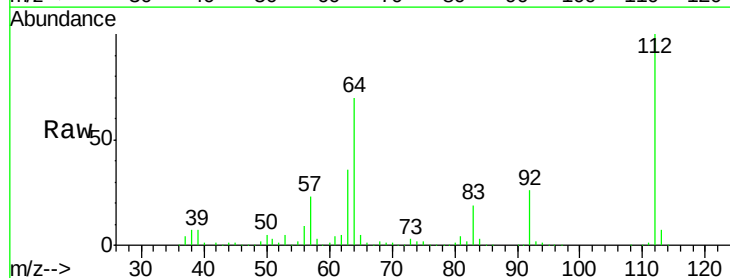
Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

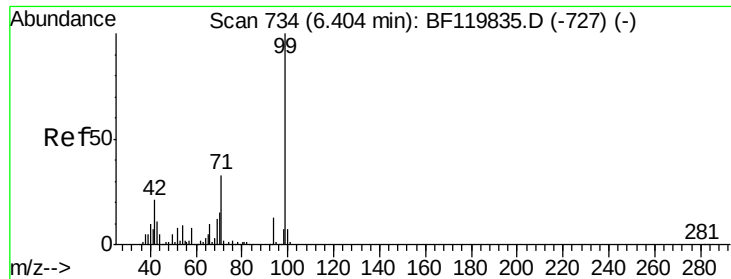
Tgt Ion:152 Resp: 126228
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.5 186.7
 115 58.4 49.6 74.4



#5
 2-Fluorophenol
 Concen: 131.72 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion:112 Resp: 962106
 Ion Ratio Lower Upper
 112 100
 64 70.4 56.7 85.1
 63 36.0 29.5 44.3





#7

Phenol-d6

Concen: 120.84 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-18-COMP

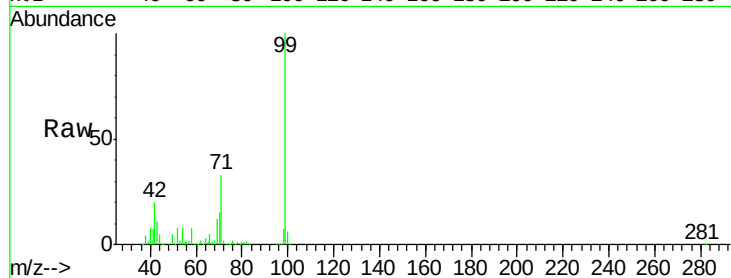
Tgt Ion: 99 Resp: 1137322

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

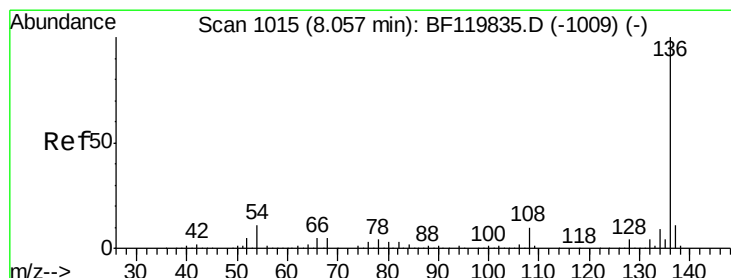
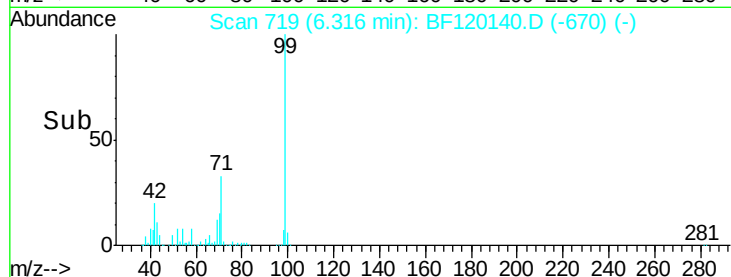
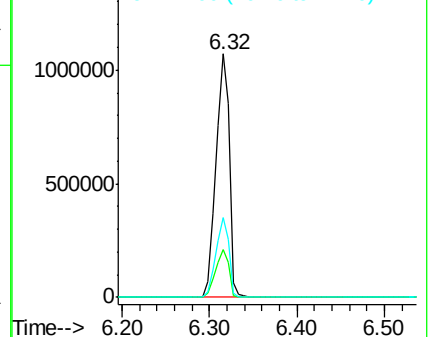
71 32.7 26.4 39.6



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: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Tgt Ion: 136 Resp: 482293

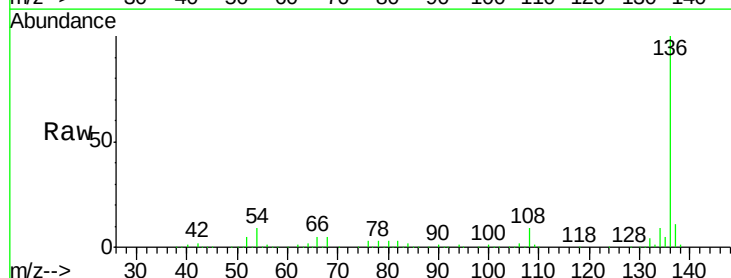
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 9.1 13.7#

68 5.0 4.6 6.8

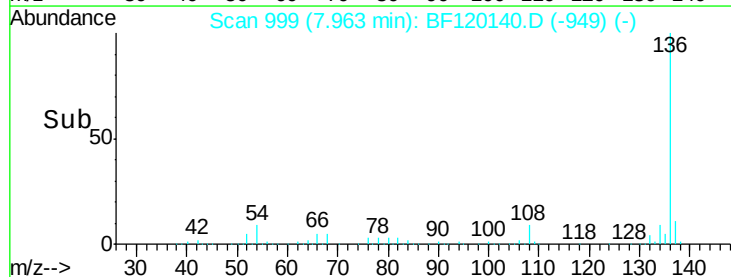
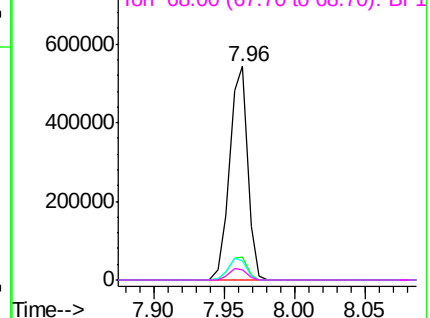


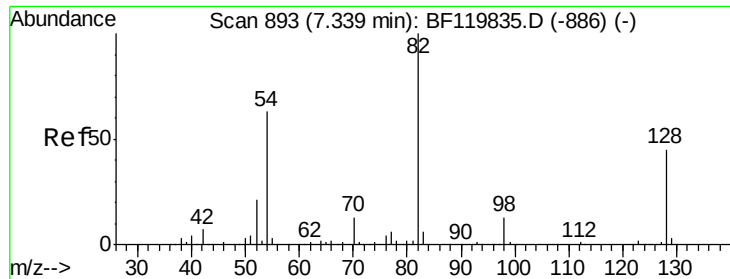
Abundance Ion 136.00 (135.70 to 136.70): E

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

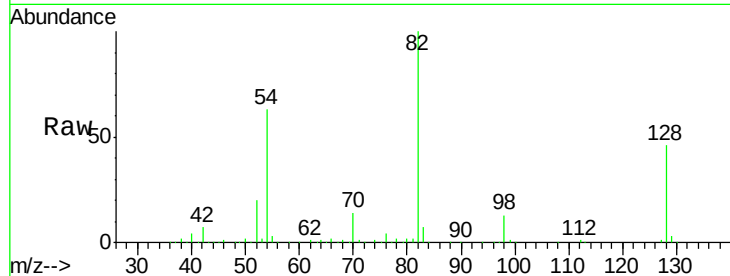




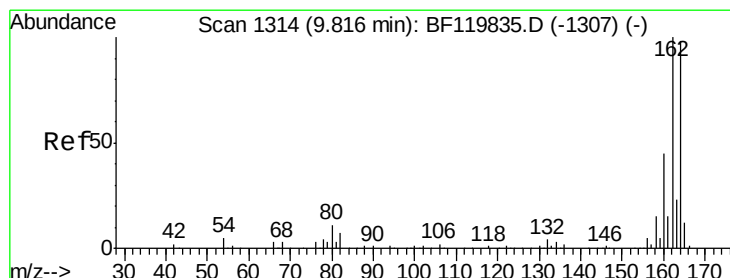
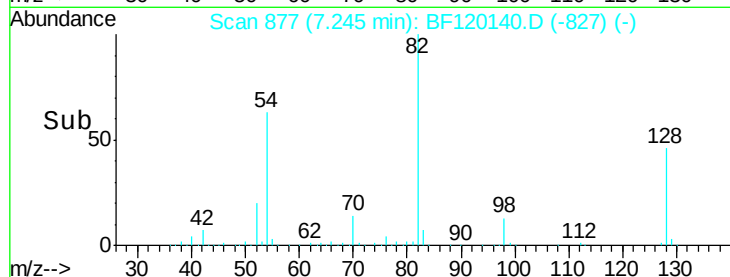
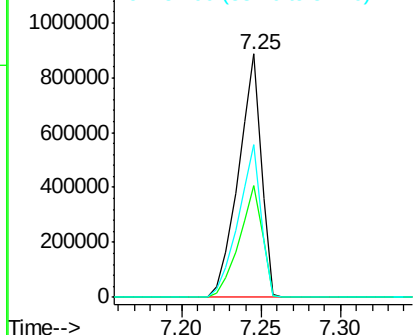
#23
 Nitrobenzene-d5
 Concen: 94.11 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Tgt Ion: 82 Resp: 877368
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.3 54.5
 54 62.7 50.6 75.8

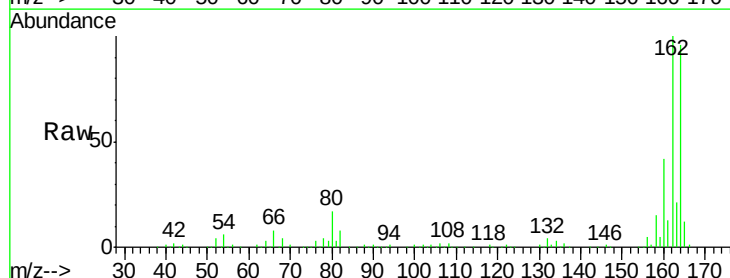


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

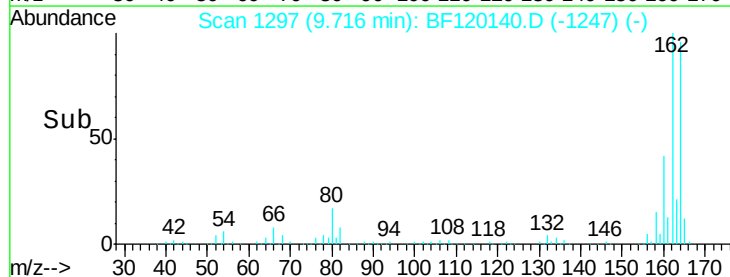
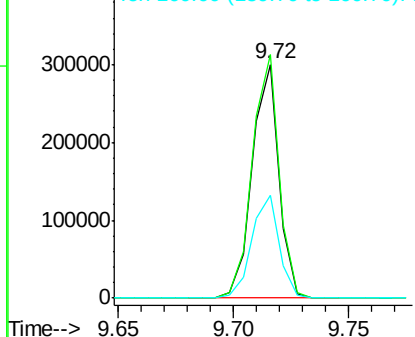


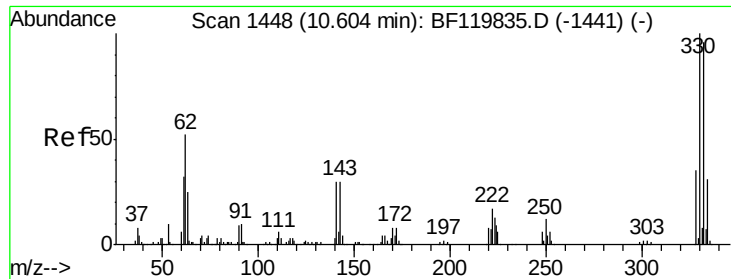
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion: 164 Resp: 242791
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.6 121.0
 160 44.1 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

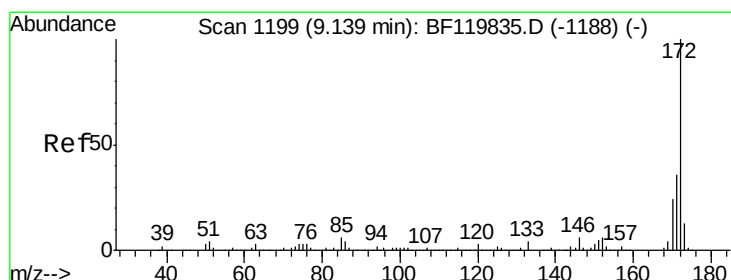
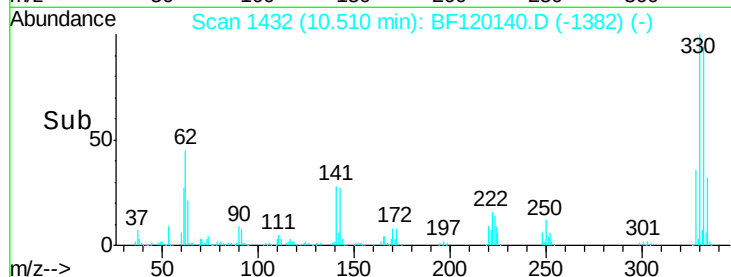
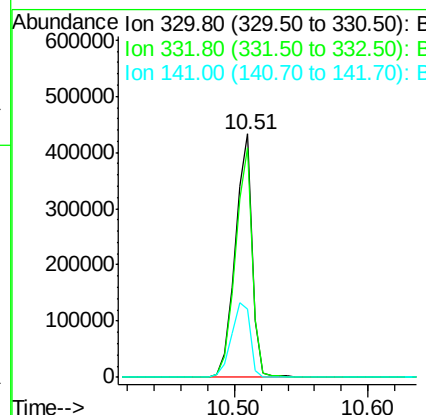
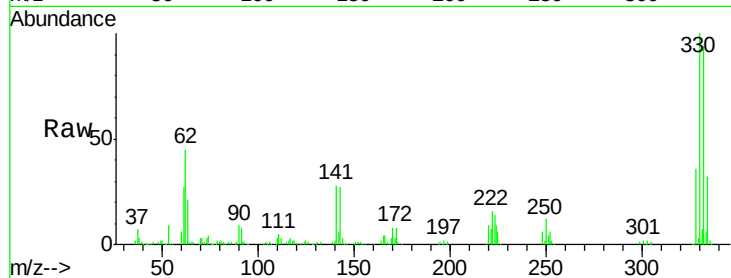




#42
 2,4,6-Tribromophenol
 Concen: 131.05 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

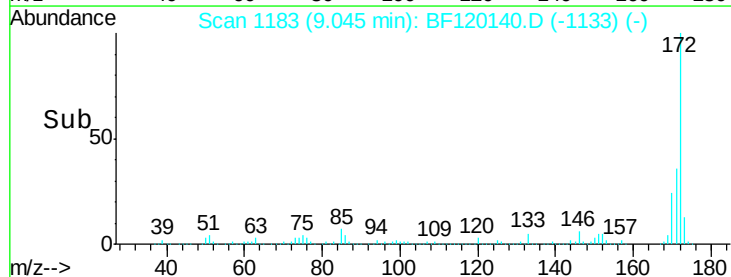
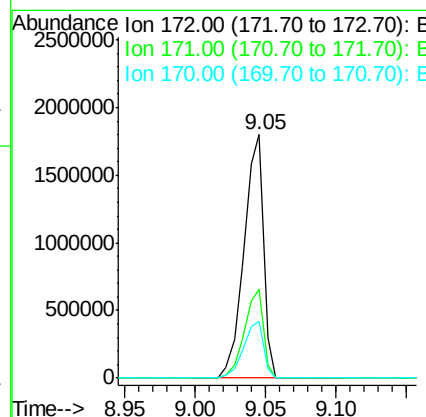
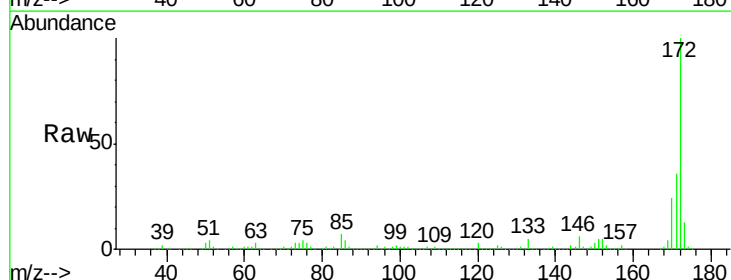
Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

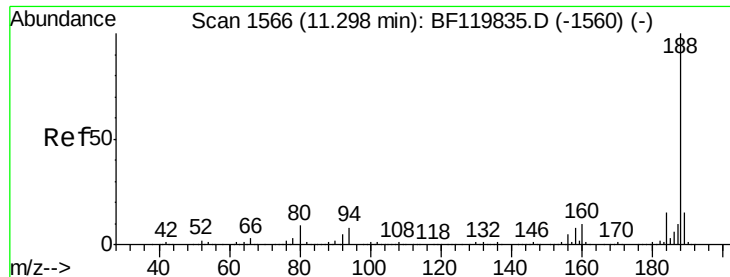
Tgt Ion:330 Resp: 389560
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.7 113.5
 141 34.4 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 101.03 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120140.D
 Acq: 22 Apr 2020 19:21

Tgt Ion:172 Resp: 1727640
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.6 20.2 30.2

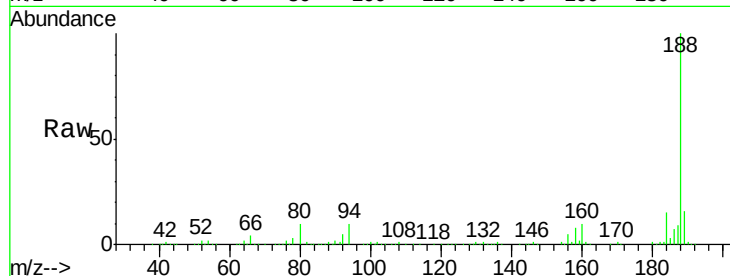




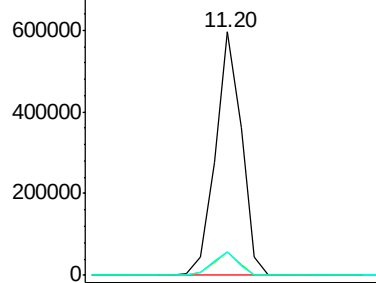
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

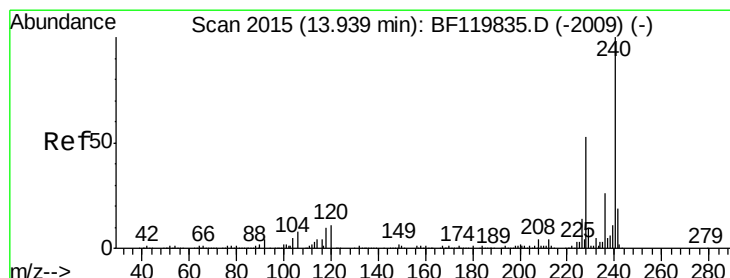
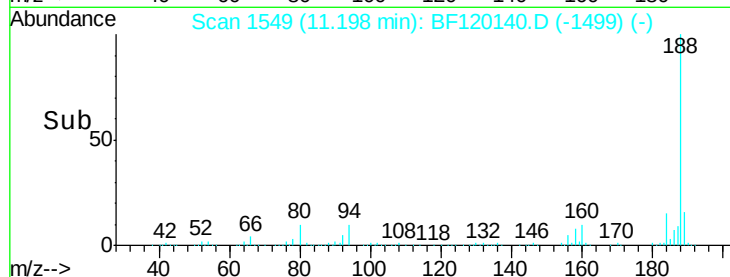
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.8	9.0	13.4



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

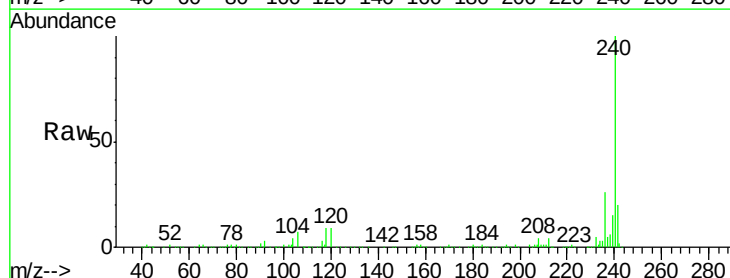


Time-->

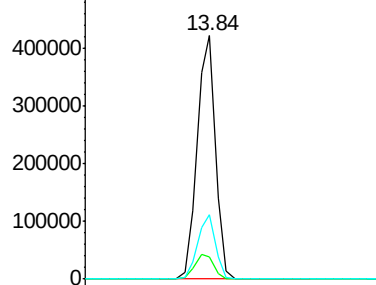


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120140.D
Acq: 22 Apr 2020 19:21

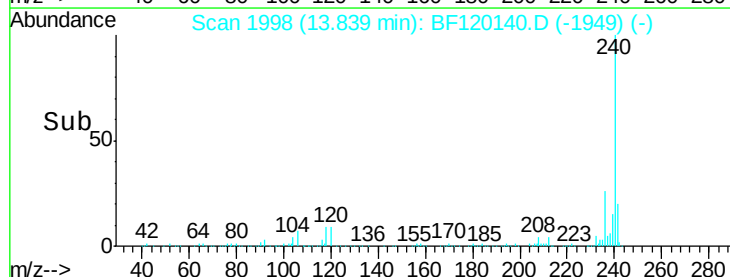
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.6	15.8#
236	26.3	20.2	30.2

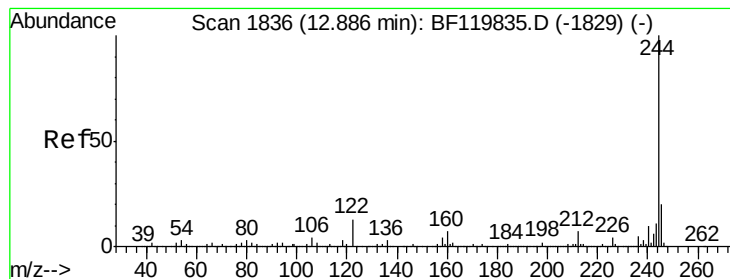


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 89.07 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-18-COMP

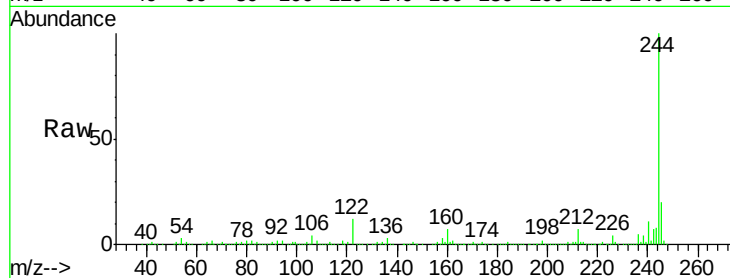
Tgt Ion:244 Resp: 2004911

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.9 10.3 15.5

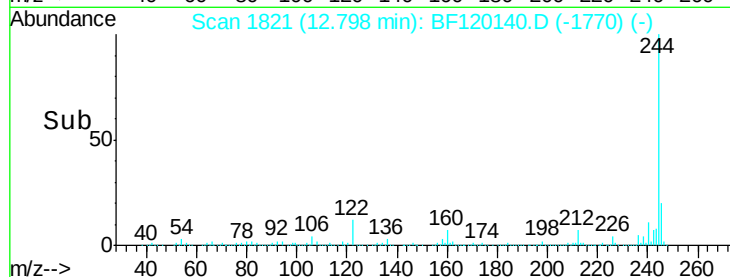


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.70 12.80 12.90



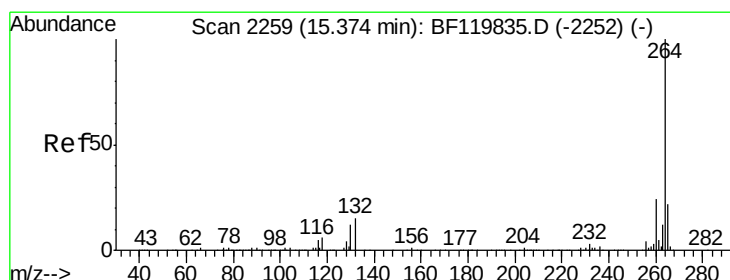
Abundance

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

Time--> 12.70 12.80 12.90



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF120140.D

Acq: 22 Apr 2020 19:21

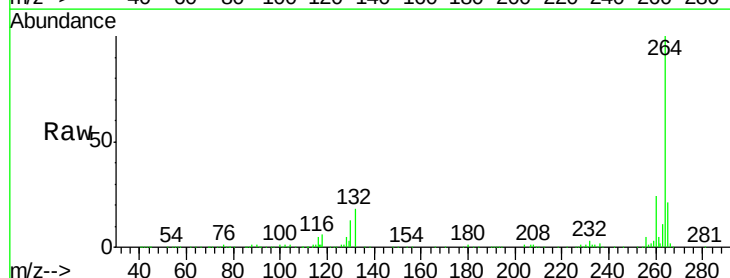
Tgt Ion:264 Resp: 302451

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 20.8 17.7 26.5

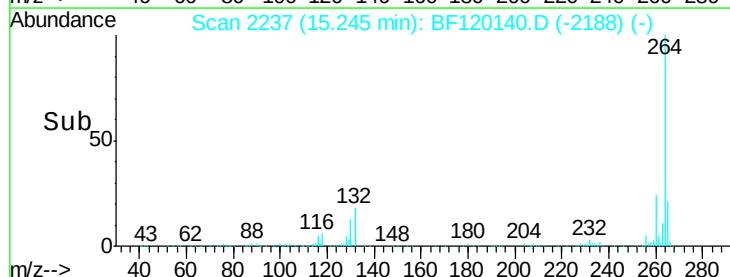


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.20 15.25 15.30



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

Time--> 15.20 15.25 15.30