

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120001.D
 Acq On : 15 Apr 2020 18:38
 Operator : MA/SJ
 Sample : L2245-43
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

Quant Time: Apr 16 03:43:51 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 15 11:01:23 2020
 Response via : Initial Calibration

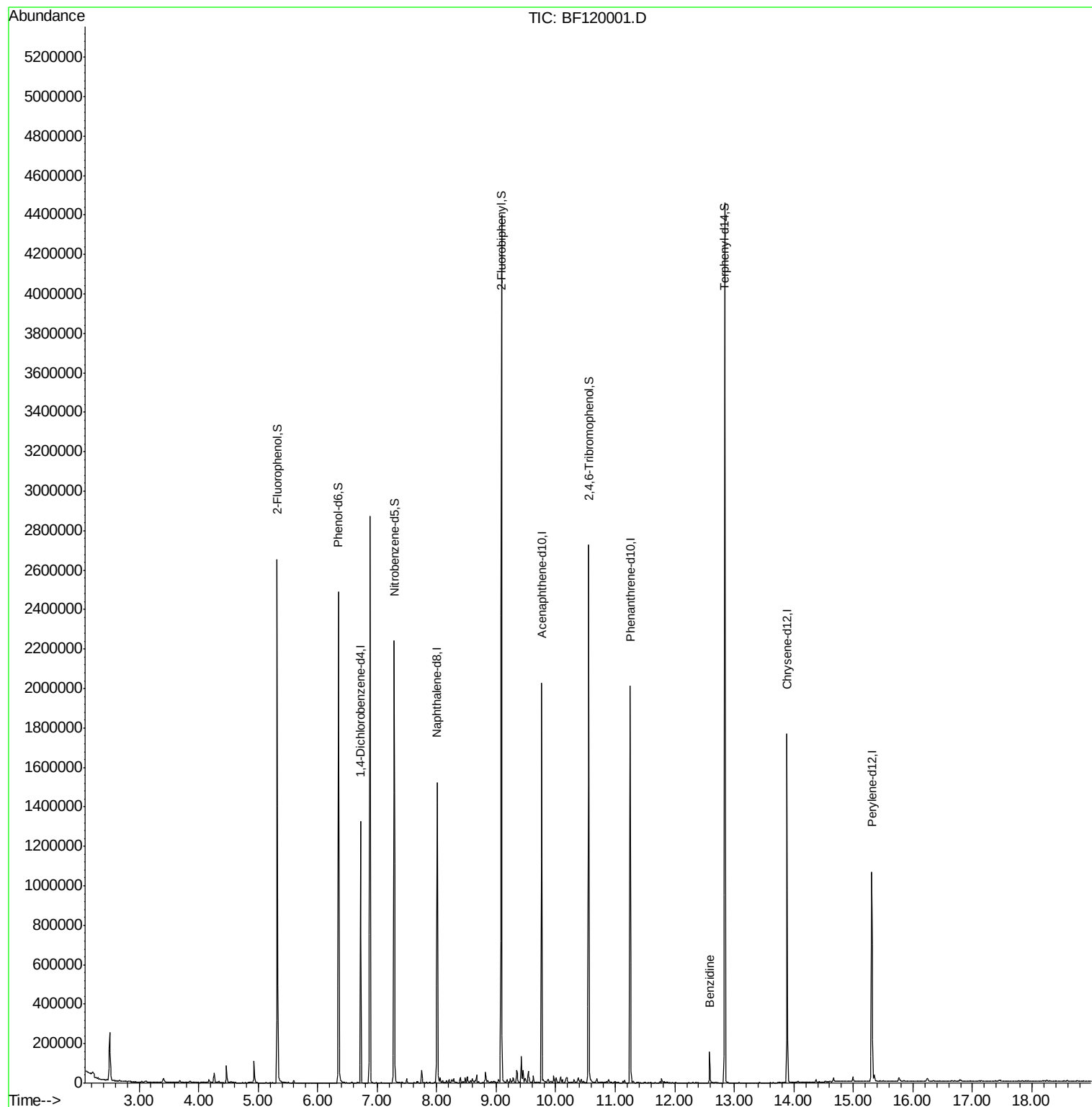
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	178879	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	694541	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374815	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	743143	20.00	ng	0.00
76) Chrysene-d12	13.89	240	579165	20.00	ng	-0.01
87) Perylene-d12	15.31	264	475165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	742496	71.73	ng	0.00
7) Phenol-d6	6.35	99	843392	63.24	ng	-0.02
23) Nitrobenzene-d5	7.29	82	656900	48.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	291962	63.62	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1340448	50.78	ng	0.00
79) Terphenyl-d14	12.84	244	1643675	47.75	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	54903	2.804	ng	Qvalue 97

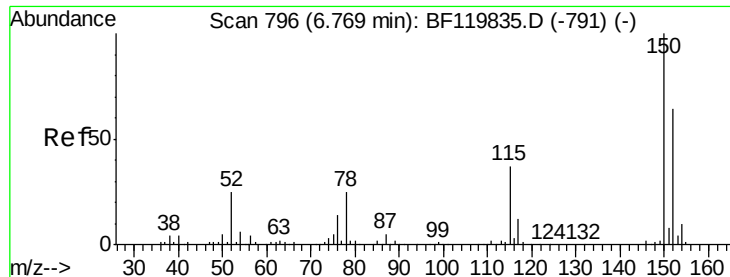
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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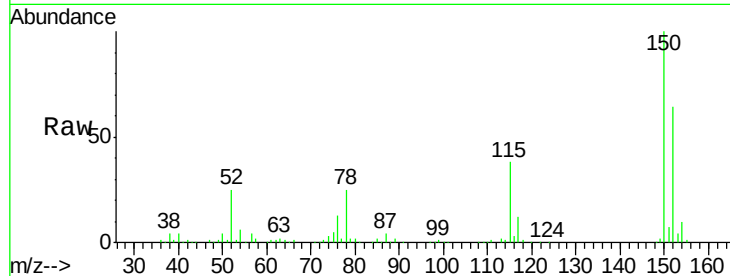


#1

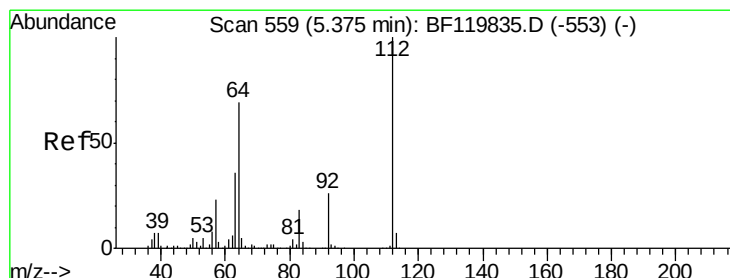
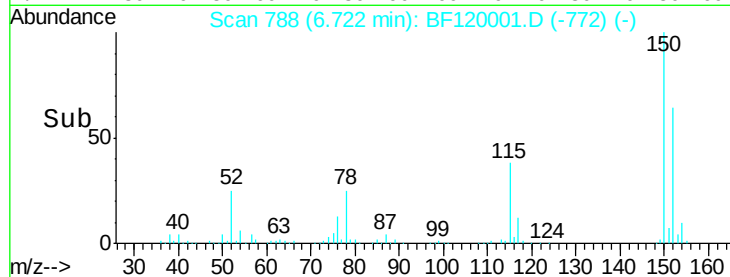
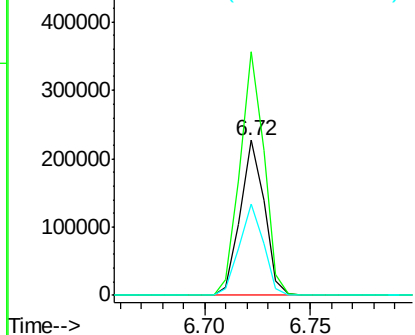
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion:152 Resp: 178879
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 59.3 46.5 69.7



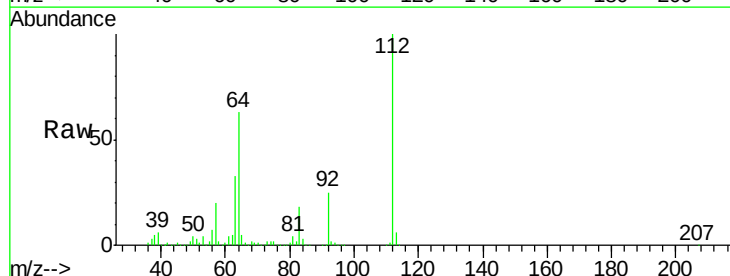
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



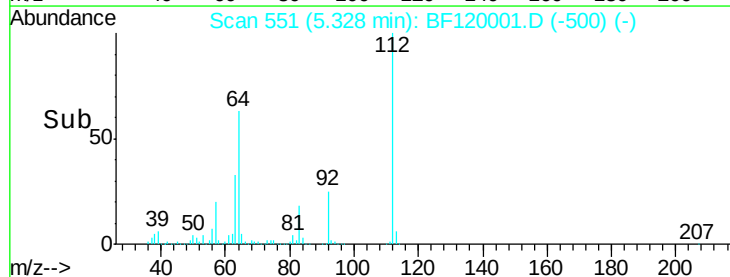
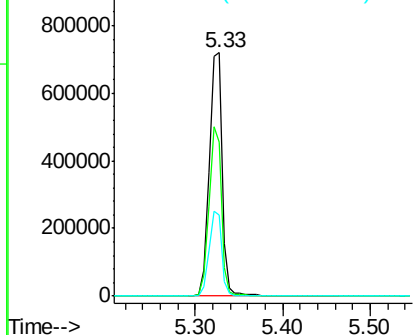
#5

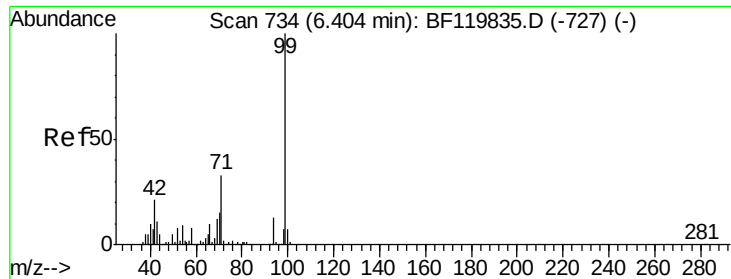
2-Fluorophenol
Concen: 71.734 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Tgt Ion:112 Resp: 742496
Ion Ratio Lower Upper
112 100
64 63.2 55.5 83.3
63 33.0 29.1 43.7



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: 63.235 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Instrument :

BNA_F

ClientSampleId :

TP-7-15

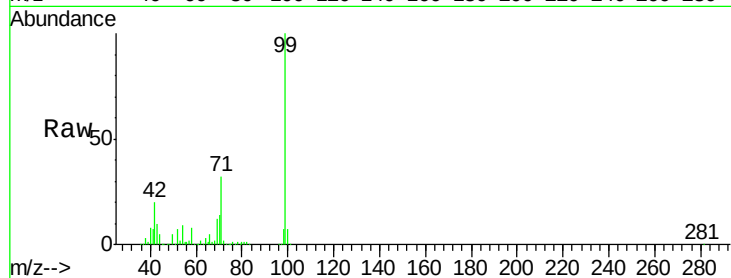
Tot Ion: 99 Resp: 843392

Ion Ratio Lower Upper

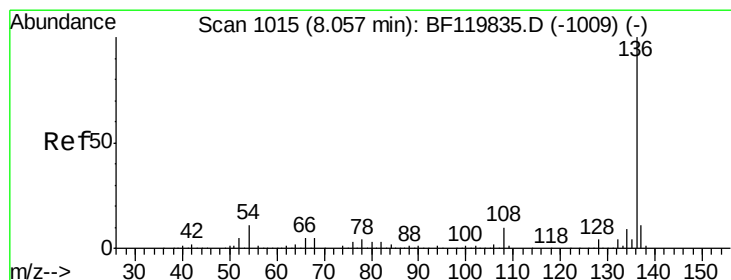
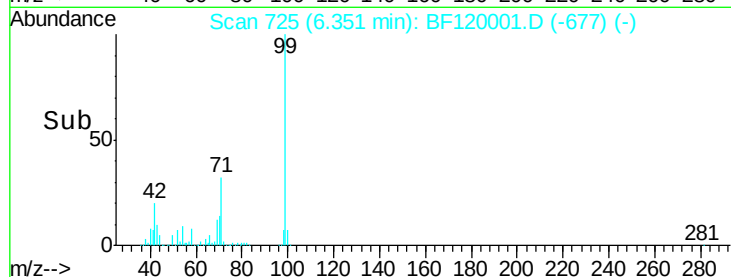
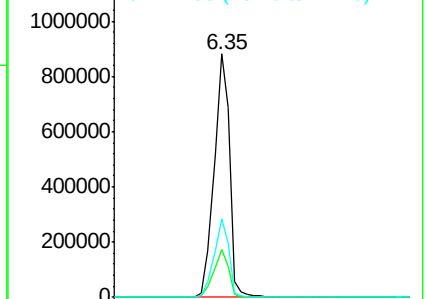
99 100

42 19.9 16.9 25.3

71 32.1 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Tgt Ion: 136 Resp: 694541

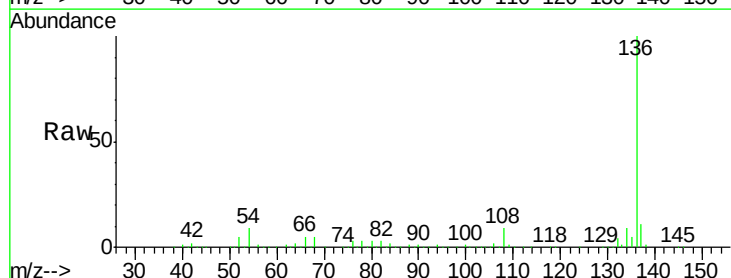
Ion Ratio Lower Upper

136 100

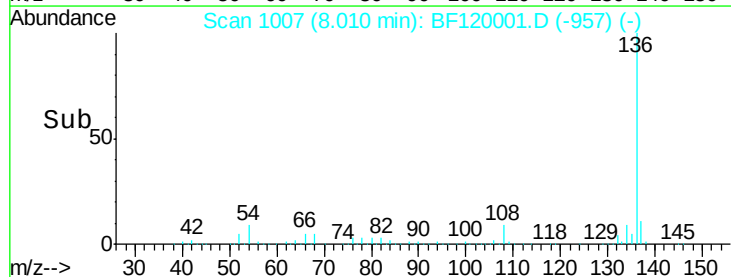
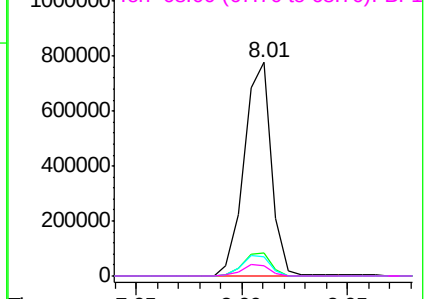
137 10.6 8.7 13.1

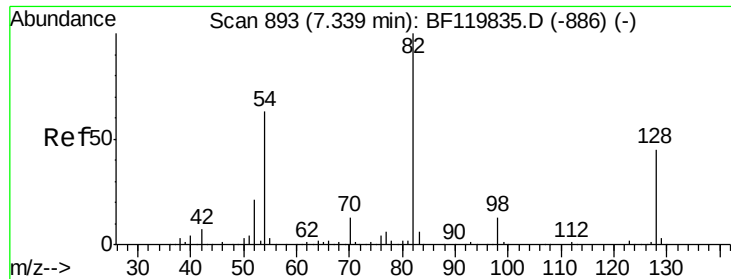
54 9.3 8.5 12.7

68 4.9 3.9 5.9



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

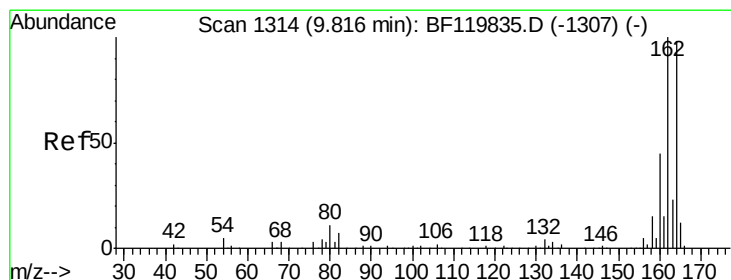
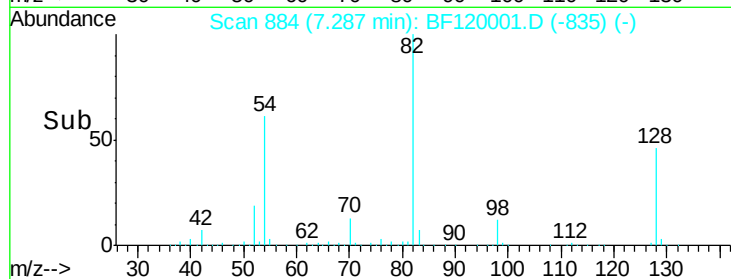
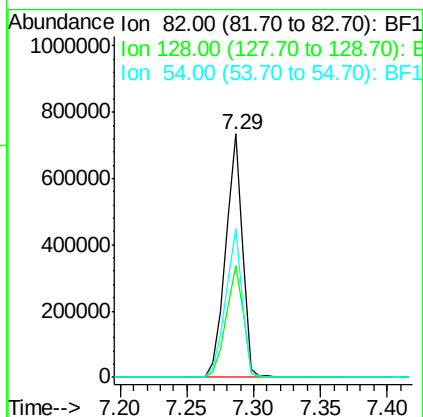
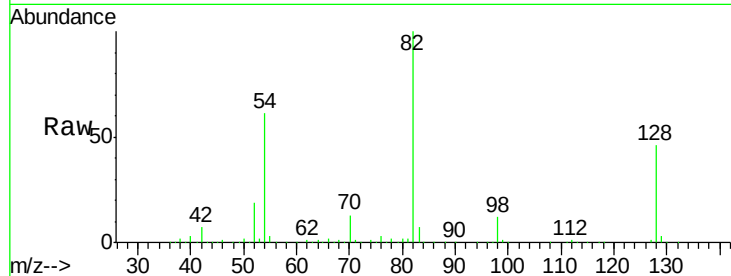




#23
 Nitrobenzene-d5
 Concen: 48.930 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

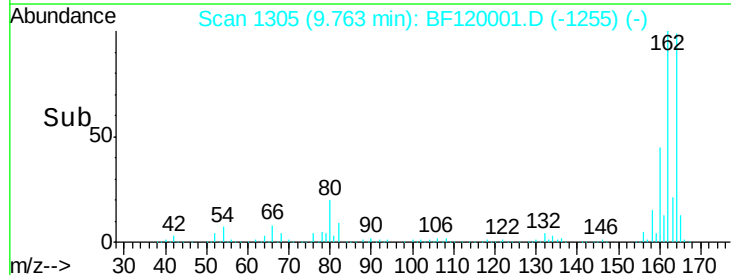
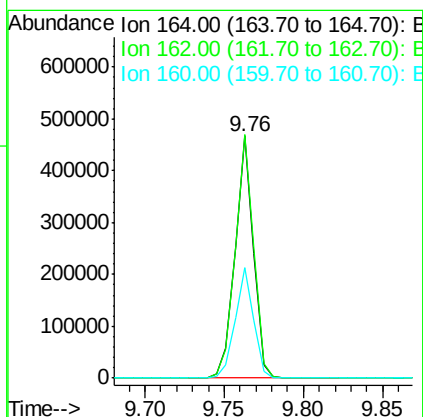
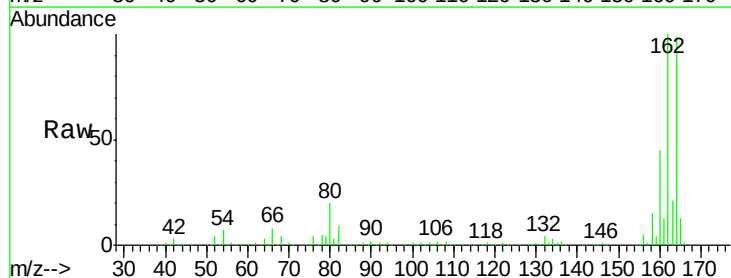
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

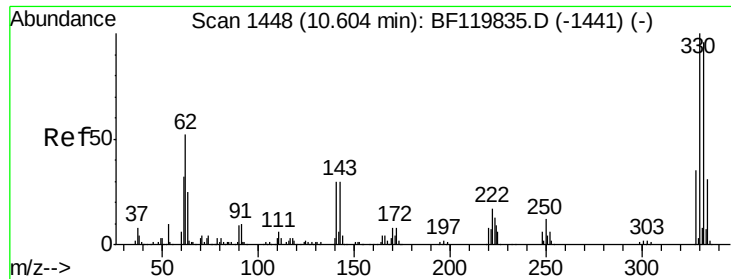
Tot Ion: 82 Resp: 656900
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.2 54.4
 54 61.2 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Tgt Ion:164 Resp: 374815
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.9 122.9
 160 45.5 36.6 54.8

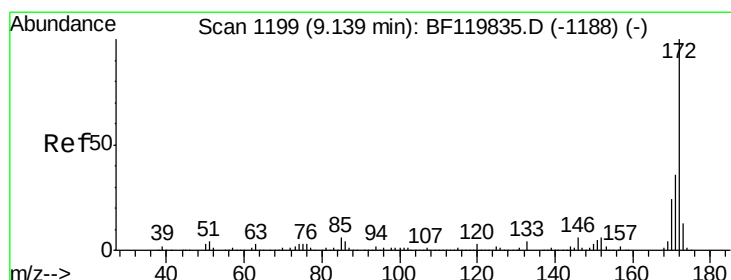
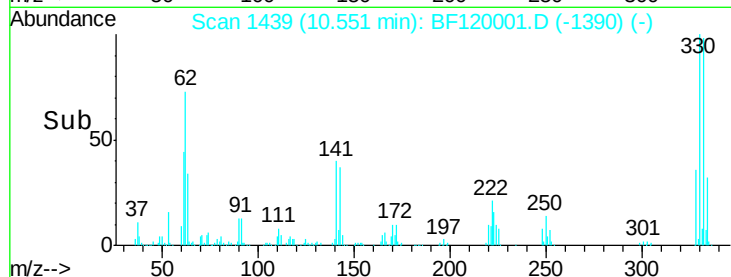
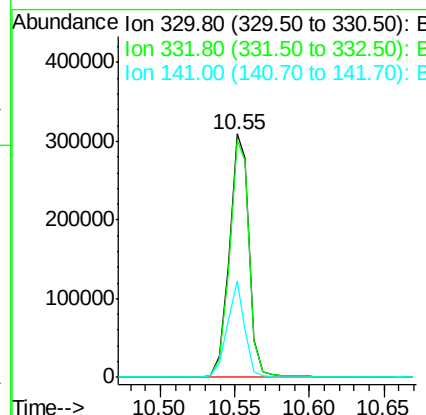
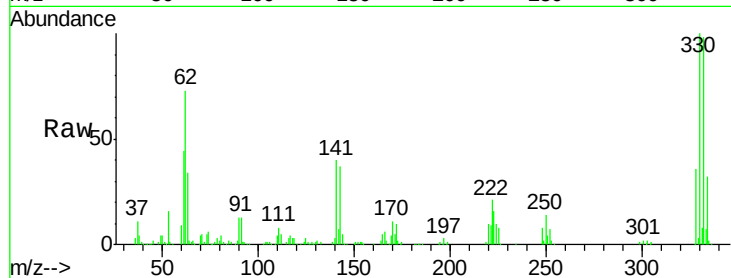




#42
 2,4,6-Tribromophenol
 Concen: 63.622 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

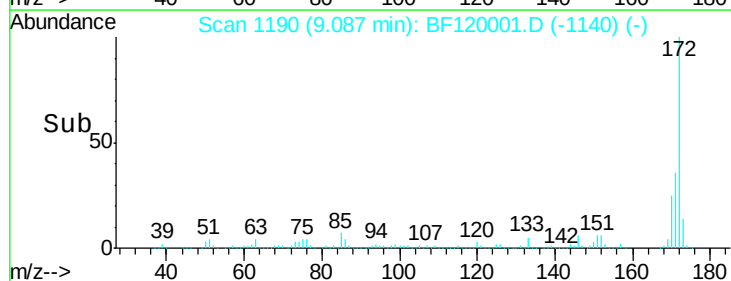
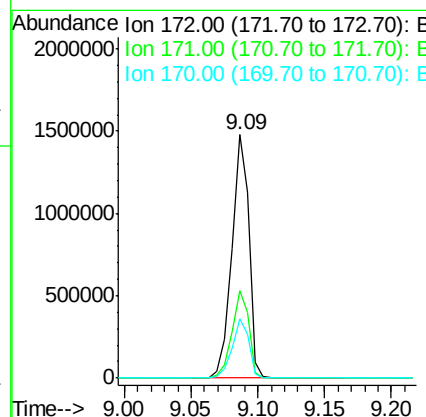
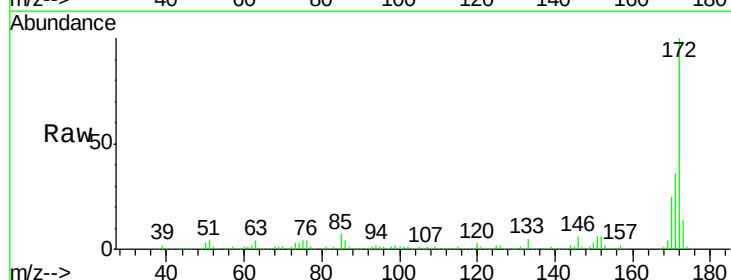
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

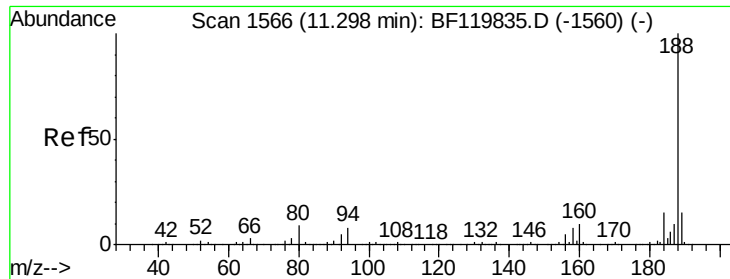
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	35.3	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 50.776 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.6	19.4	29.2

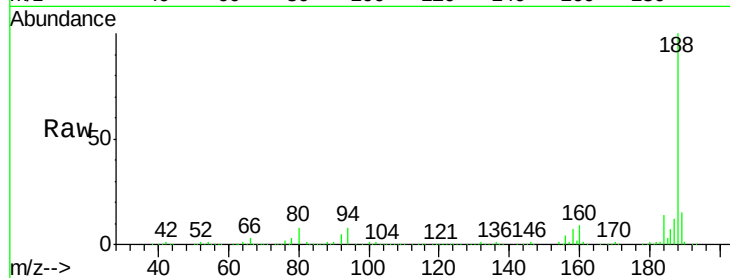




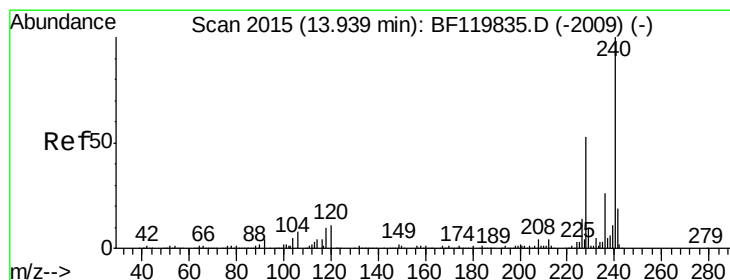
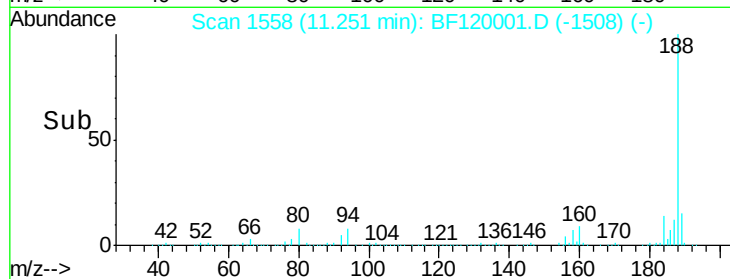
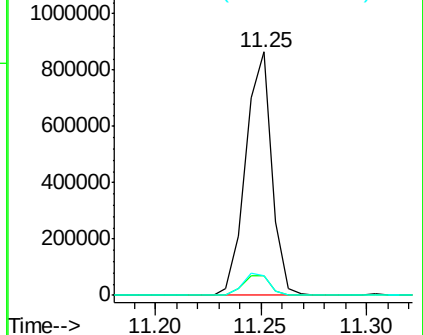
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.3	7.4	11.2

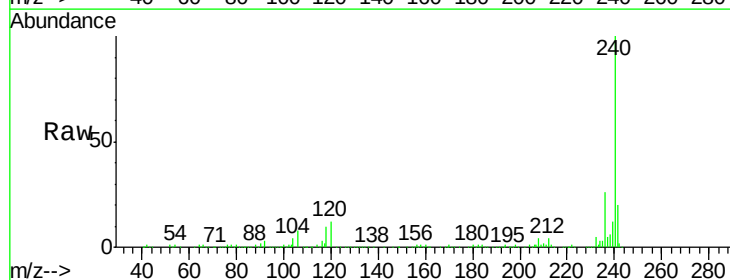


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

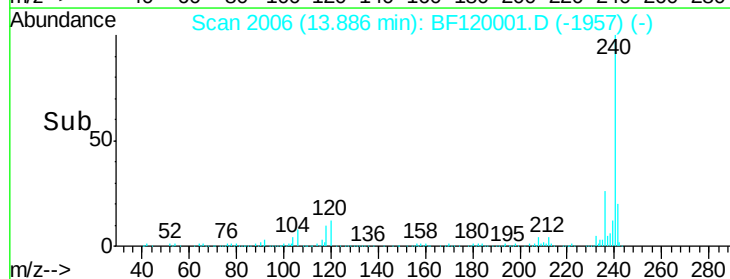
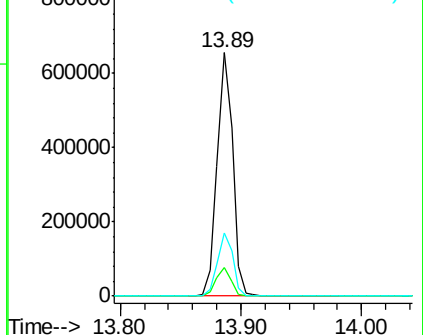


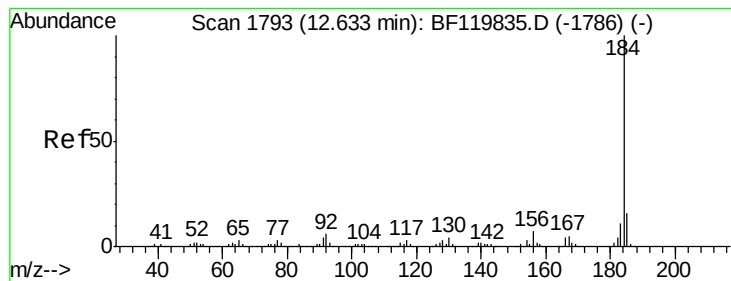
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	25.9	20.7	31.1



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





#77

Benzidine

Concen: 2.804 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Instrument :

BNA_F

ClientSampleId :

TP-7-15

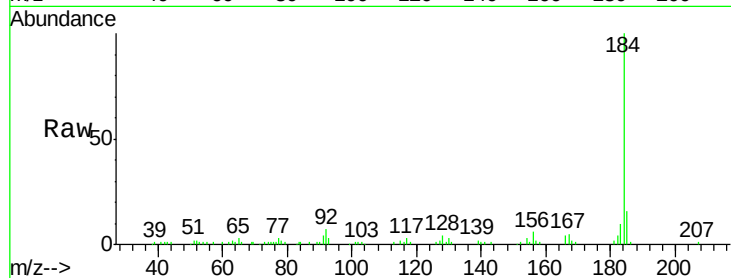
Tot Ion:184 Resp: 54903

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

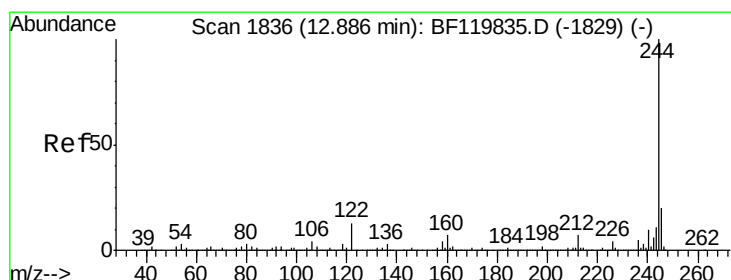
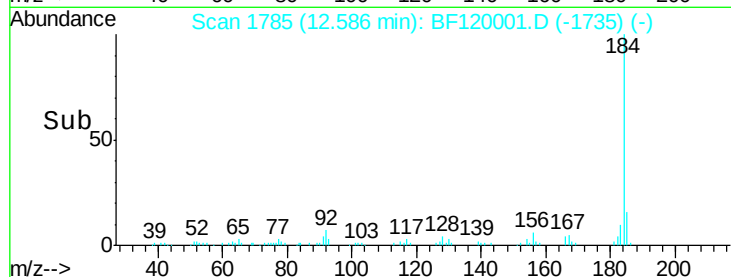
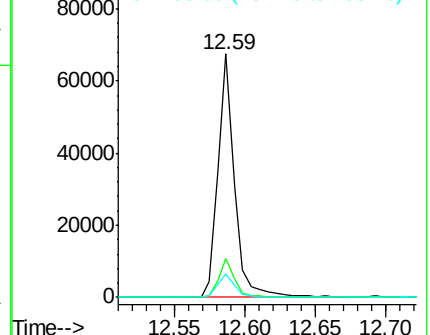
183 9.6 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 47.754 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

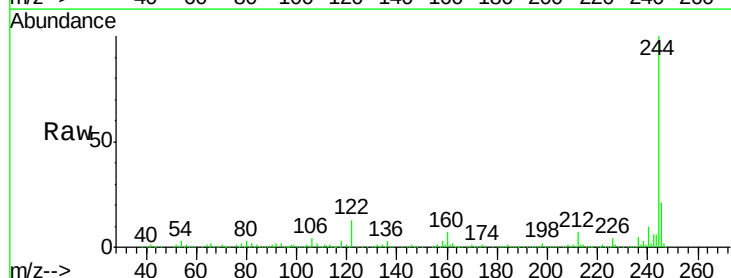
Tgt Ion:244 Resp: 1643675

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

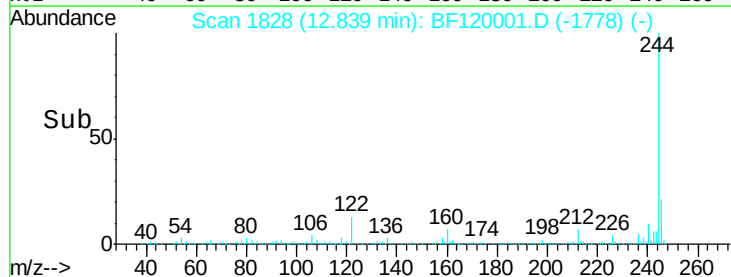
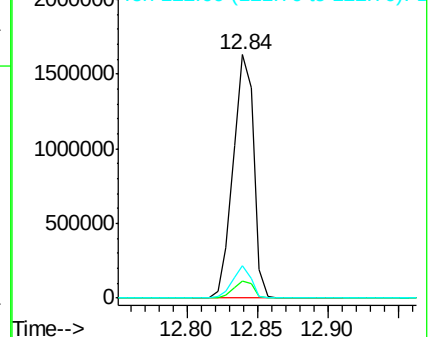
122 13.4 10.3 15.5

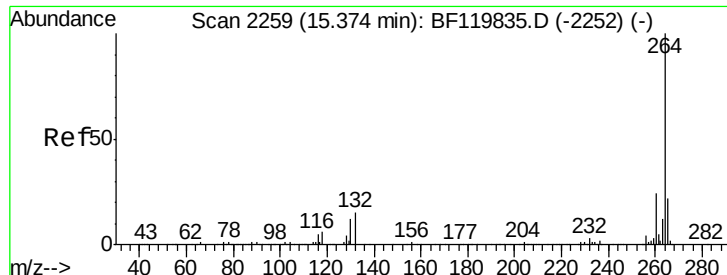


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

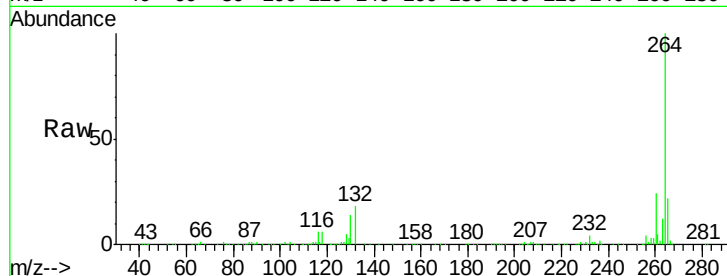




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.8	17.6	26.4



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

