

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121726.D
 Acq On : 29 Sep 2020 12:29
 Operator : JU/CG
 Sample : L4158-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

Quant Time: Sep 29 13:06:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

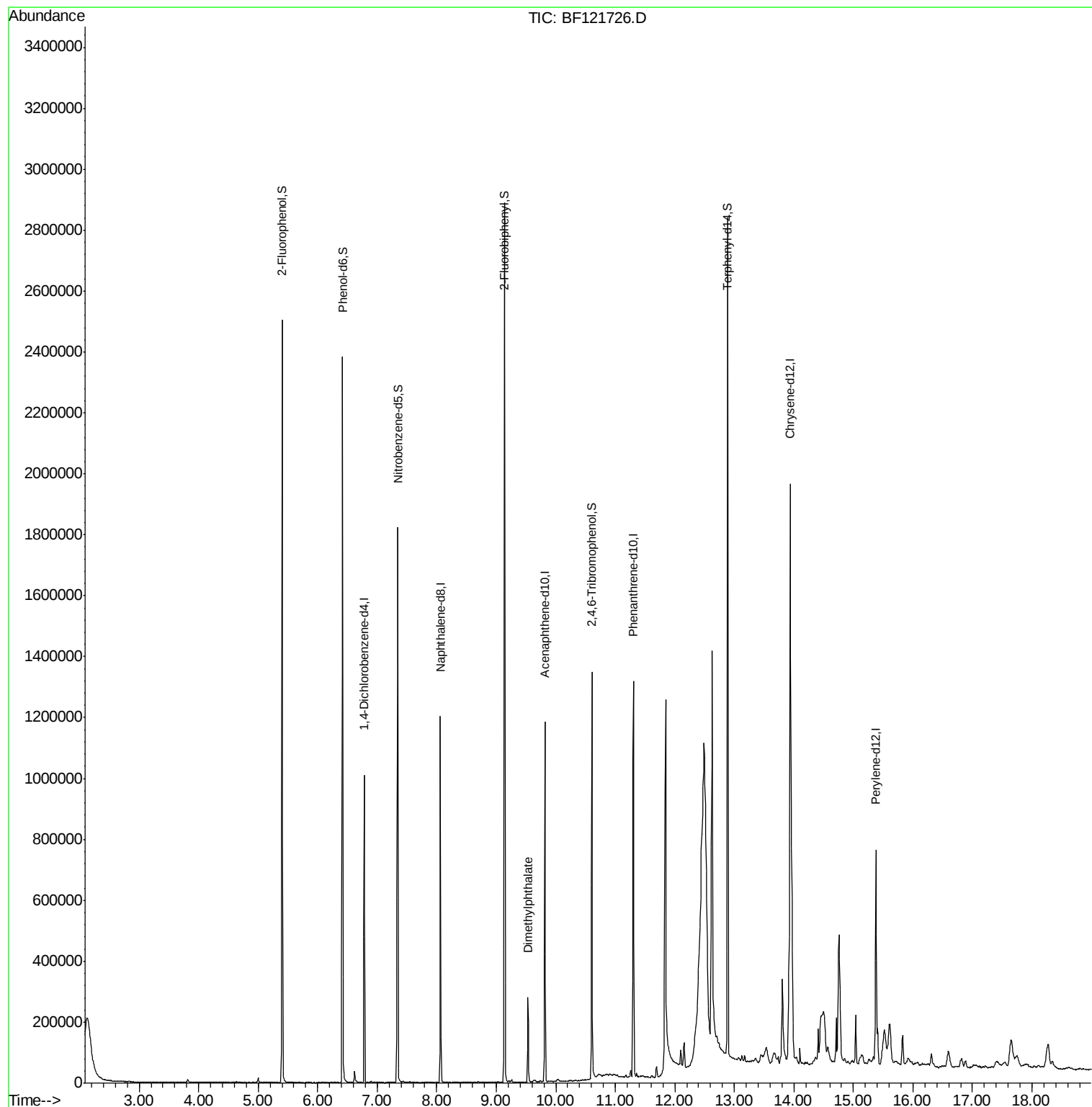
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130236	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	499438	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	250402	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	457154	20.00	ng	0.00
76) Chrysene-d12	13.94	240	357431	20.00	ng	0.00
86) Perylene-d12	15.38	264	293597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	654325	74.67	ng	0.00
7) Phenol-d6	6.42	99	844607	73.46	ng	-0.01
23) Nitrobenzene-d5	7.35	82	563496	60.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	158240	50.85	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	927528	56.10	ng	-0.01
79) Terphenyl-d14	12.89	244	860685	48.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	102697	5.659	ng	Qvalue 98

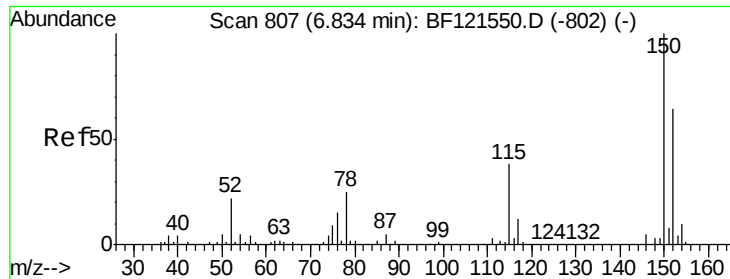
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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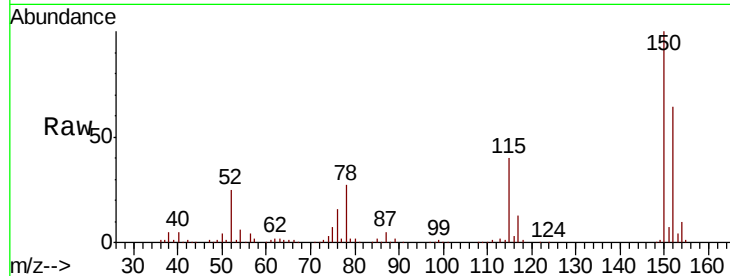


#1

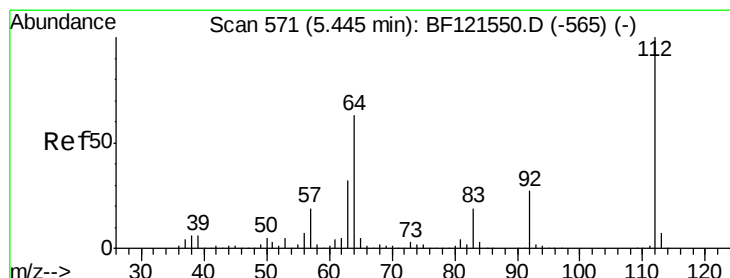
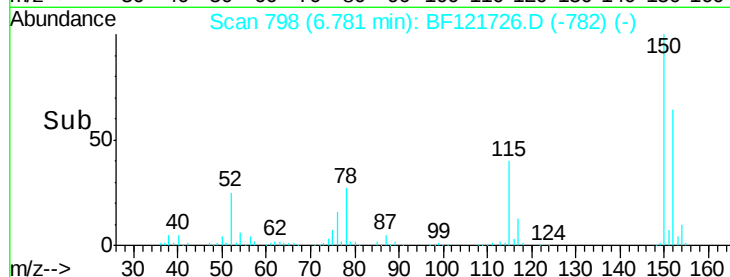
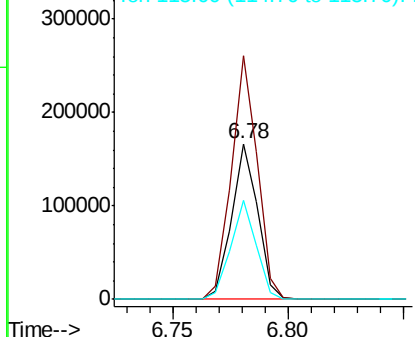
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121726.D
Acq: 29 Sep 2020 12:29

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.8	188.8
115	63.2	49.6	74.4



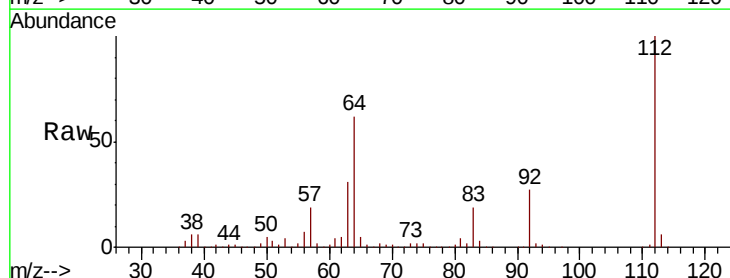
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



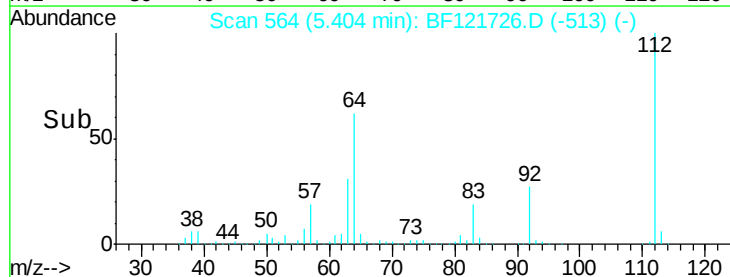
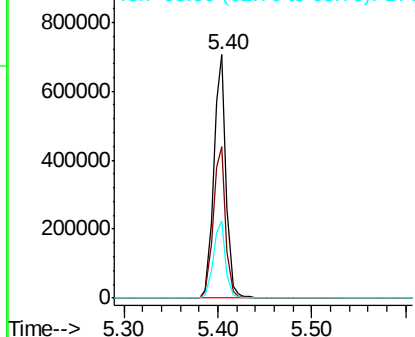
#5

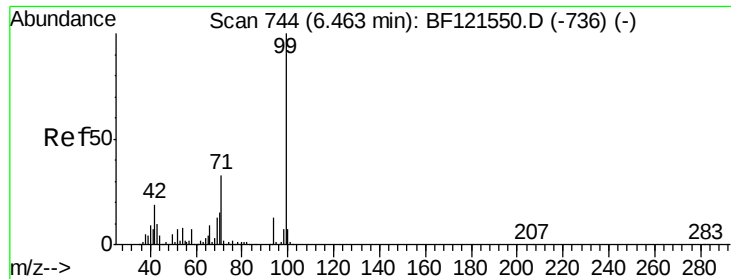
2-Fluorophenol
Concen: 74.665 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF121726.D
Acq: 29 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.2	76.8
63	31.5	25.9	38.9



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: 73.462 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121726.D

Acq: 29 Sep 2020 12:29

Instrument :

BNA_F

ClientSampled :

SP-1-1

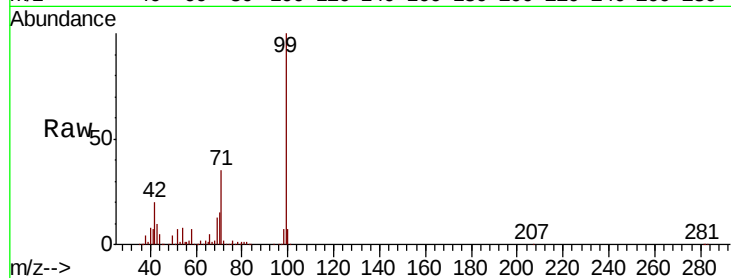
Tot Ion: 99 Resp: 844607

Ion Ratio Lower Upper

99 100

42 20.2 16.5 24.7

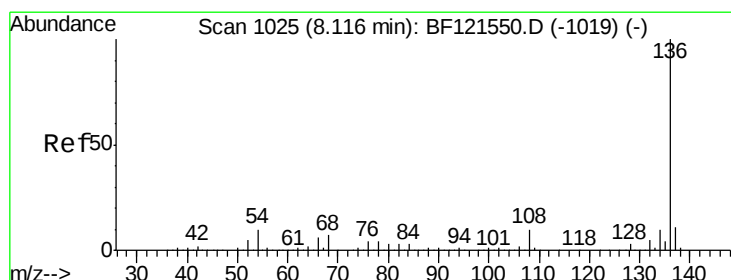
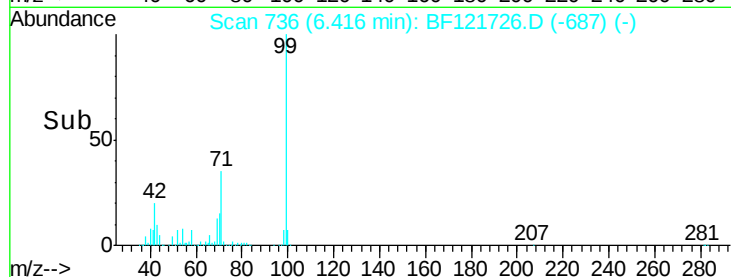
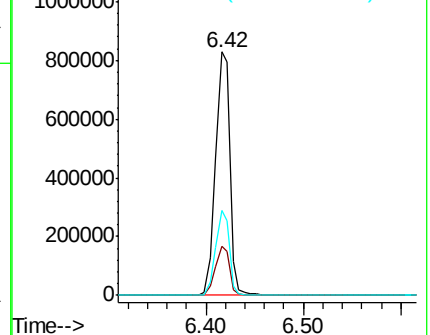
71 34.8 27.8 41.6



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: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF121726.D

Acq: 29 Sep 2020 12:29

Tgt Ion: 136 Resp: 499438

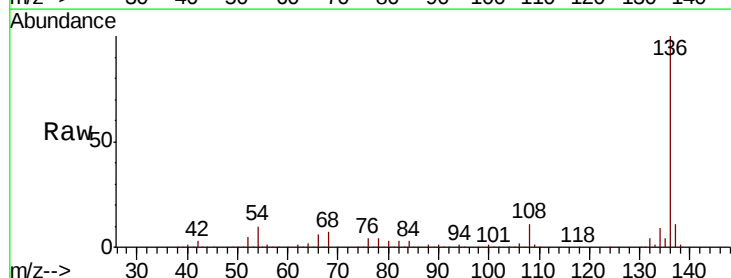
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.6 7.8 11.8

68 7.2 5.6 8.4

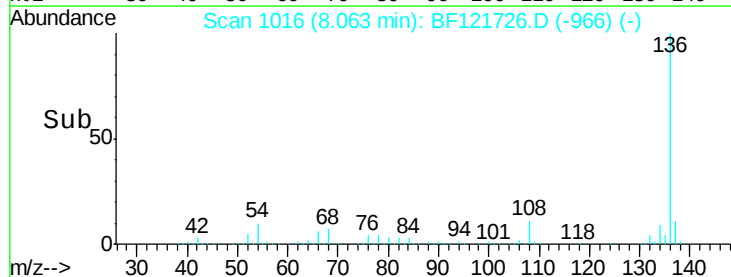
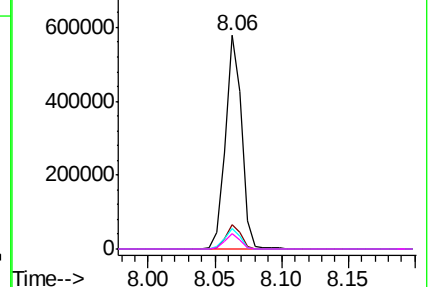


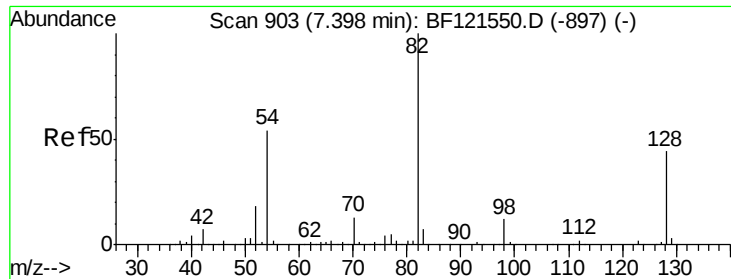
Abundance Ion 136.00 (135.70 to 136.70): E

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

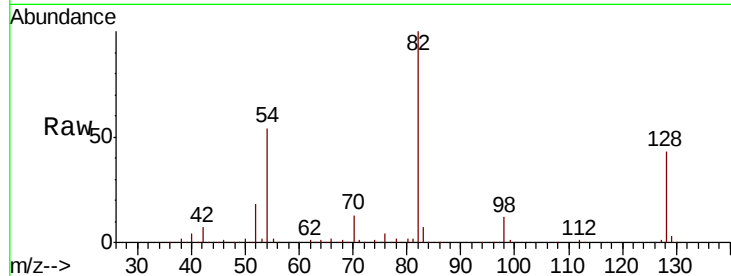




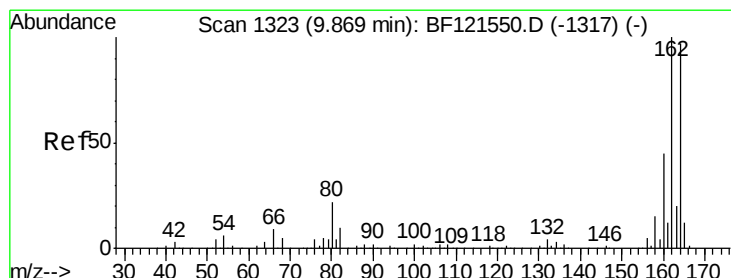
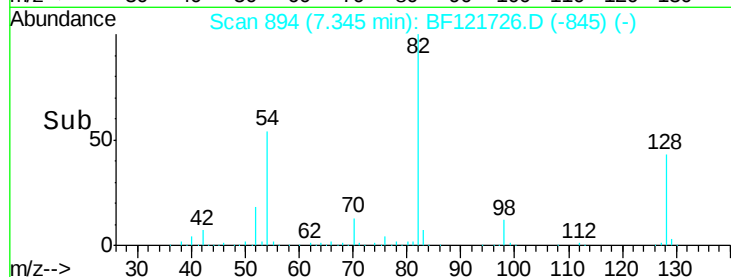
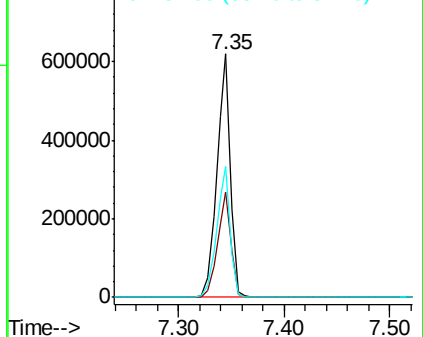
#23
 Nitrobenzene-d5
 Concen: 60.578 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

Instrument :
 BNA_F
 ClientSampled :
 SP-1-1

Tot Ion	82	Resp	563496
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.0	52.4
54	53.7	42.5	63.7

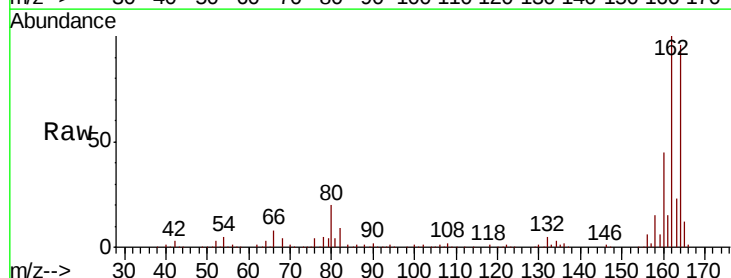


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

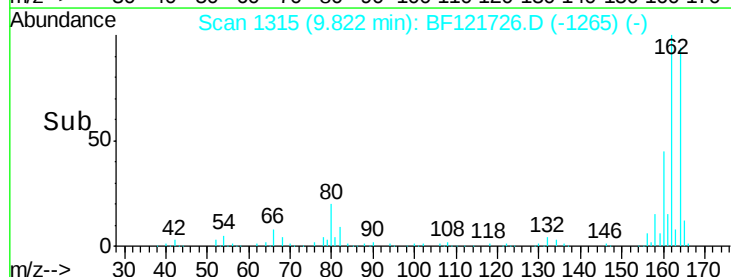
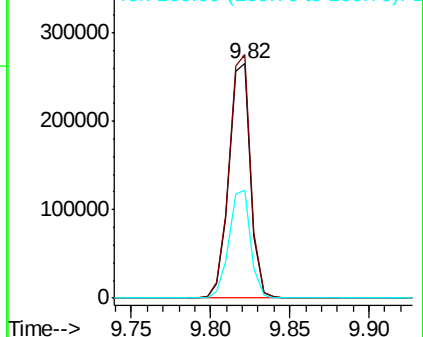


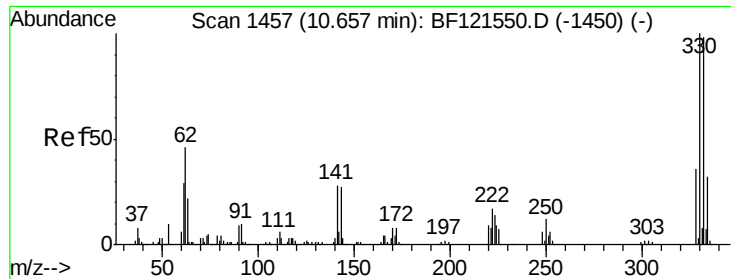
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

Tgt Ion	164	Resp	250402
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	121.0
160	46.3	36.9	55.3



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

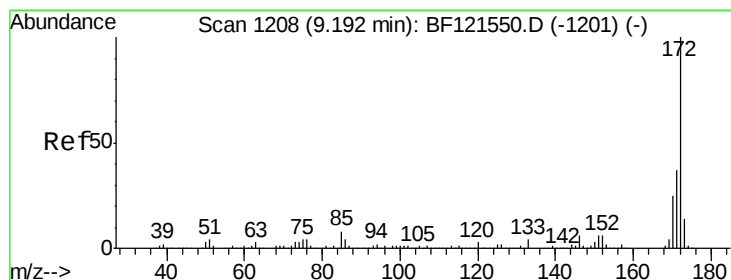
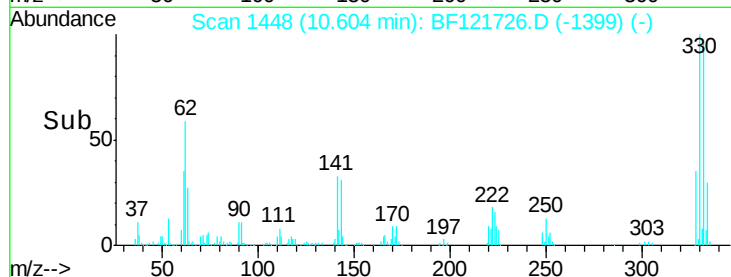
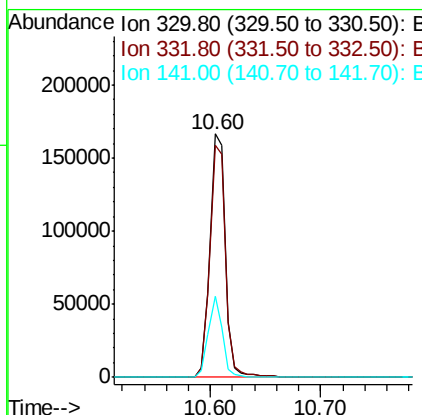
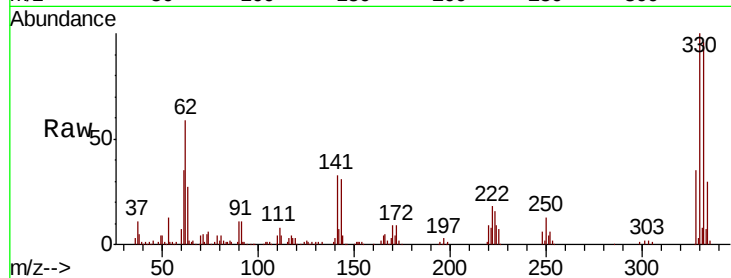




#42
 2,4,6-Tribromophenol
 Concen: 50.846 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

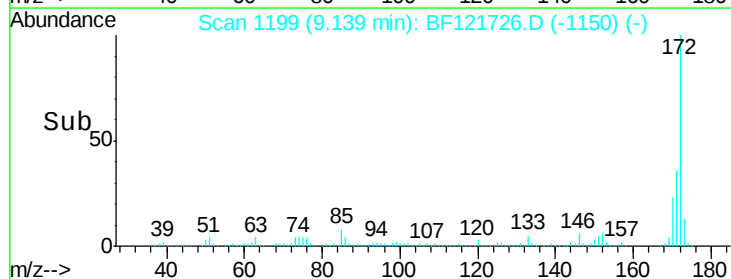
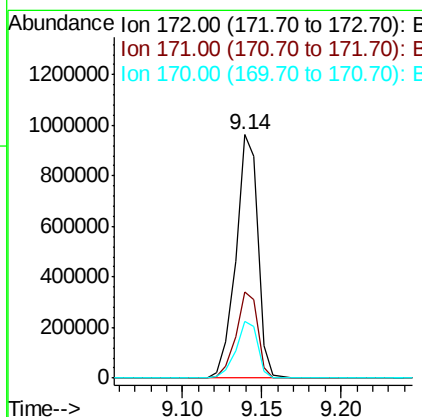
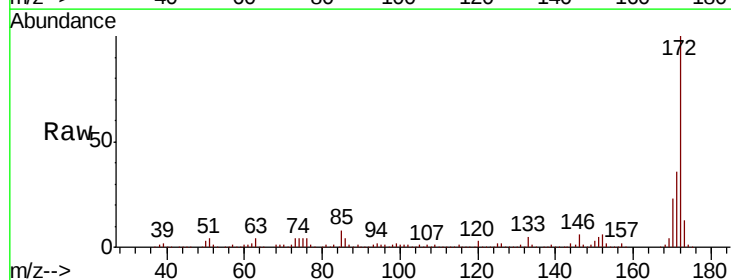
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1

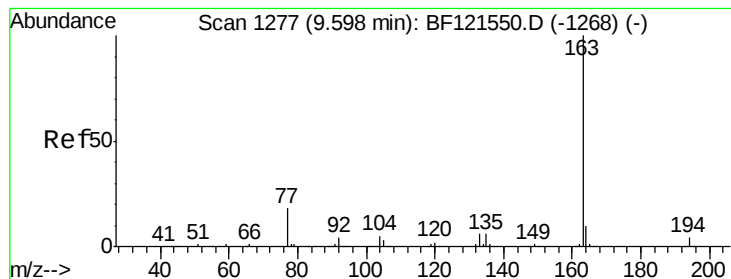
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.2	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 56.101 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	23.5	19.7	29.5





#50

Dimethylphthalate

Concen: 5.659 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF121726.D

Acq: 29 Sep 2020 12:29

Instrument :

BNA_F

ClientSampleId :

SP-1-1

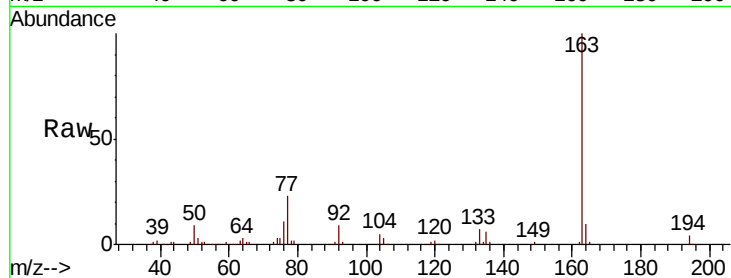
Tot Ion:163 Resp: 102697

Ion Ratio Lower Upper

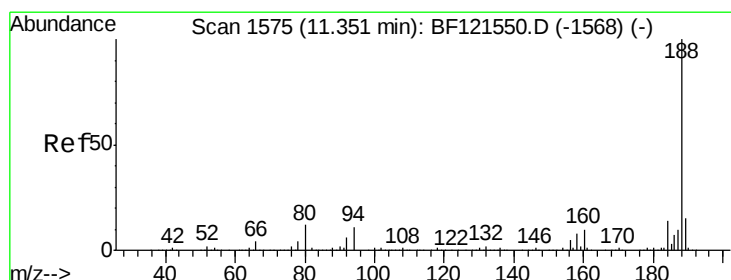
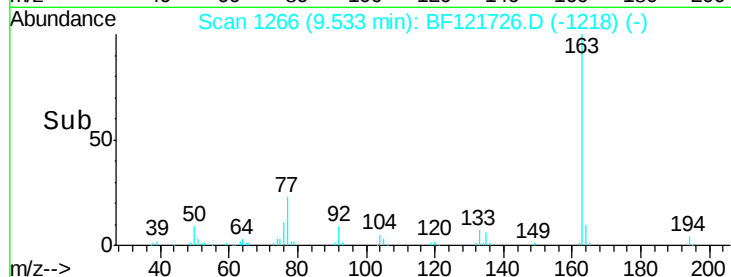
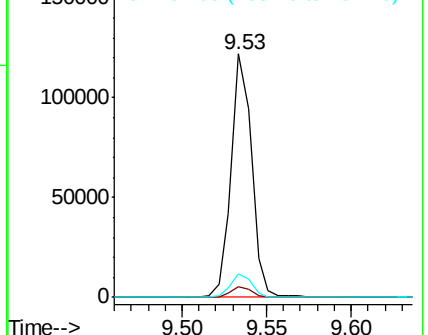
163 100

194 4.2 3.1 4.7

164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121726.D

Acq: 29 Sep 2020 12:29

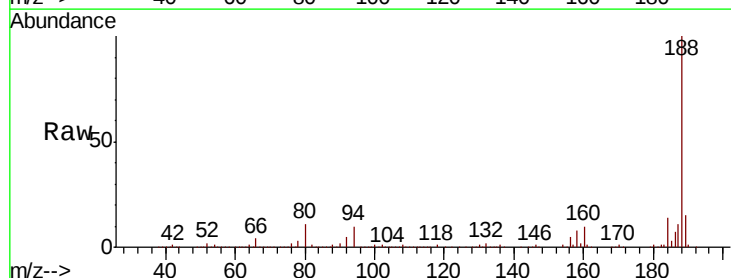
Tgt Ion:188 Resp: 457154

Ion Ratio Lower Upper

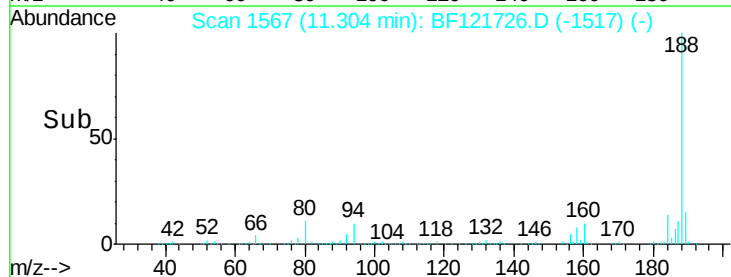
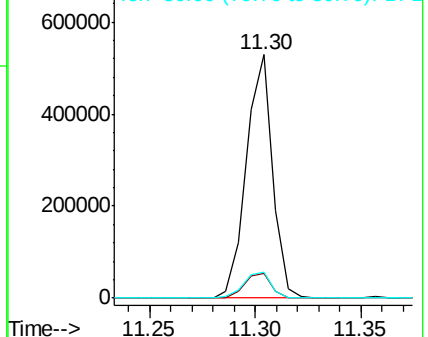
188 100

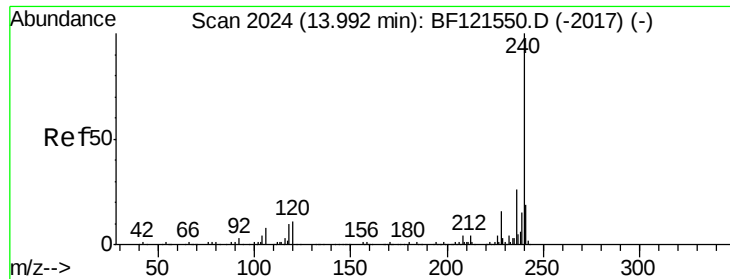
94 9.9 8.2 12.2

80 10.8 8.9 13.3



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

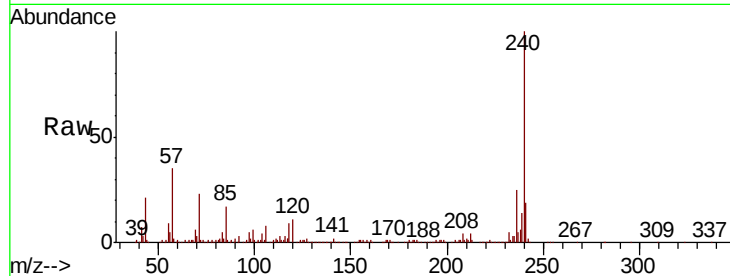




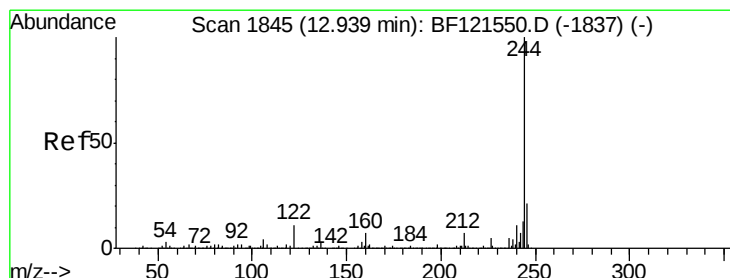
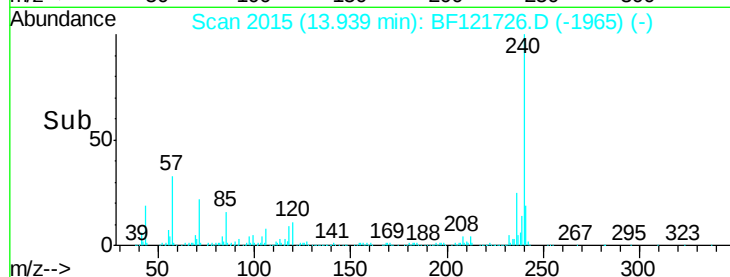
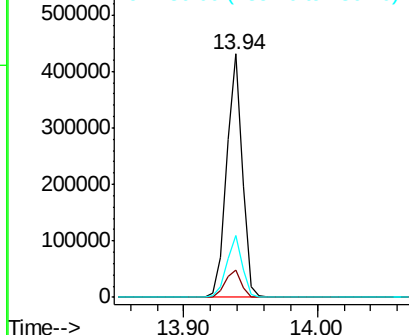
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

Instrument :
 BNA_F
 ClientSampled :
 SP-1-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.2	15.4
236	25.4	20.4	30.6

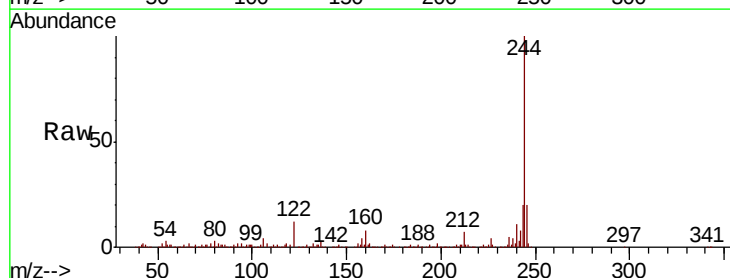


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

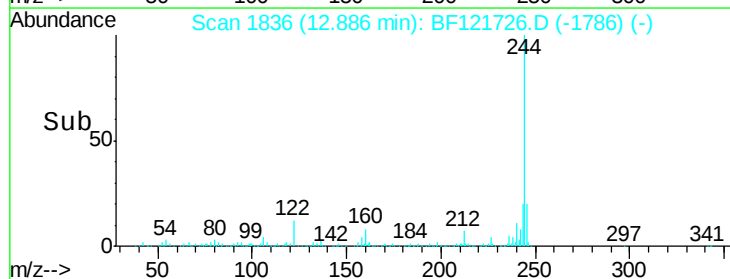
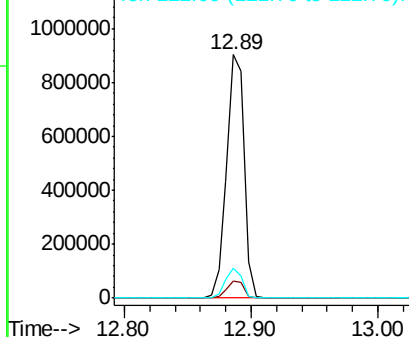


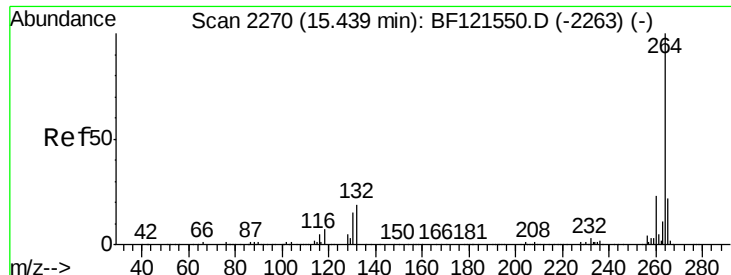
#79
 Terphenyl-d14
 Concen: 48.783 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121726.D
 Acq: 29 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.5	9.0	13.4



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

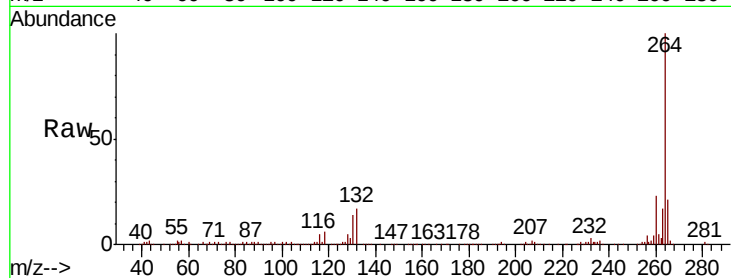




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121726.D
Acq: 29 Sep 2020 12:29

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	20.9	17.3	25.9



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

