

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121749.D
 Acq On : 30 Sep 2020 20:35
 Operator : JU/CG
 Sample : L4176-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-4

Quant Time: Oct 01 00:53:07 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

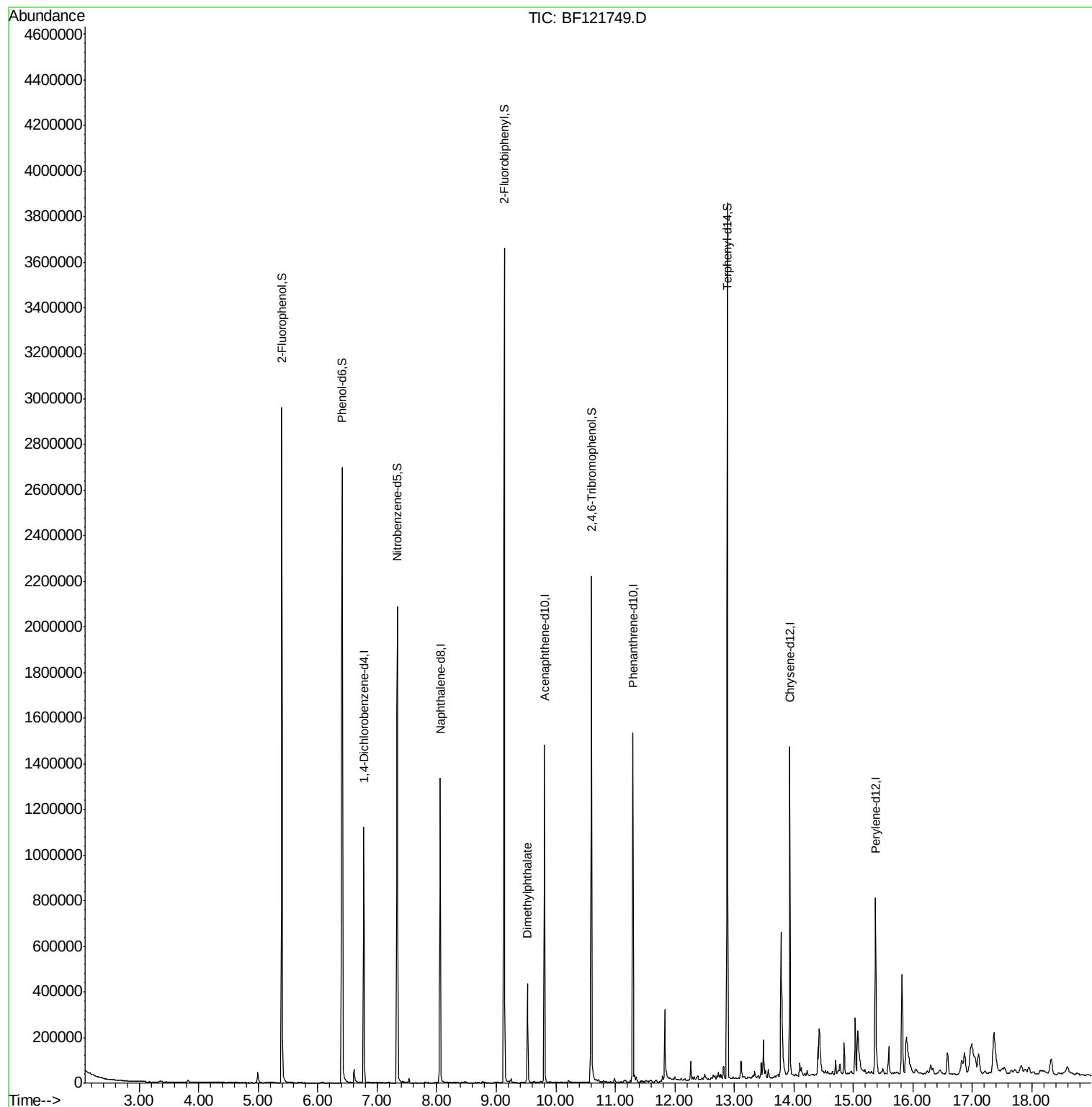
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153742	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	609332	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	324473	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	605790	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	441625	20.00	ng	-0.01
86) Perylene-d12	15.37	264	349864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	776899	75.10	ng	0.00
7) Phenol-d6	6.41	99	1005307	74.07	ng	-0.02
23) Nitrobenzene-d5	7.34	82	694597	61.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	319805	79.30	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1280946	59.79	ng	-0.02
79) Terphenyl-d14	12.89	244	1336878	61.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	170661	7.257	ng	Qvalue 98

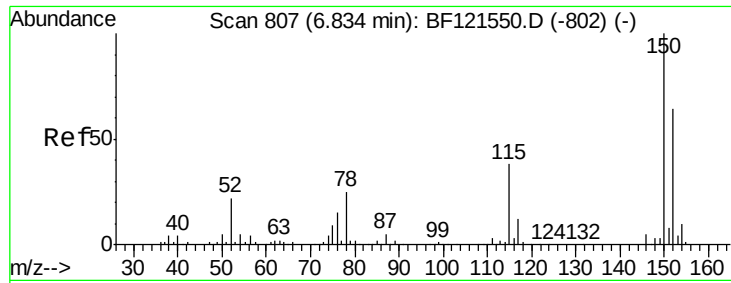
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

BNA_F

ClientSampleId :

AC-4

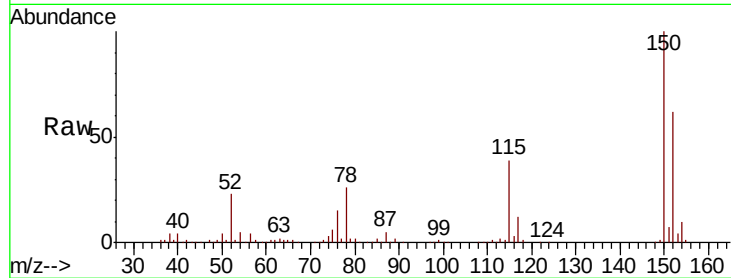
Tot Ion:152 Resp: 153742

Ion Ratio Lower Upper

152 100

150 162.6 125.8 188.8

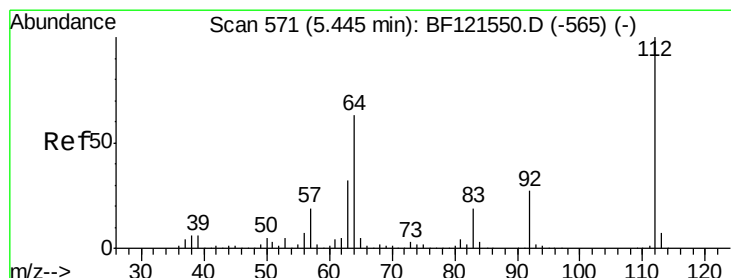
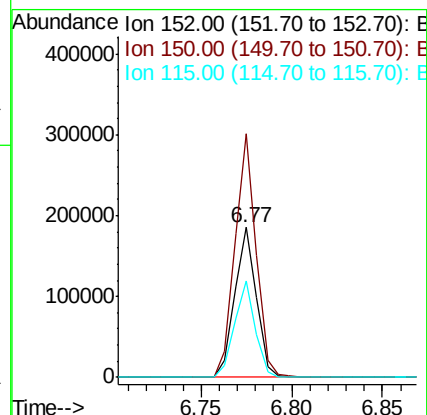
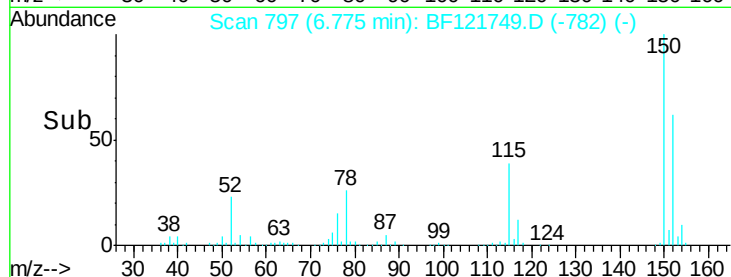
115 64.0 49.6 74.4



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: 75.098 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

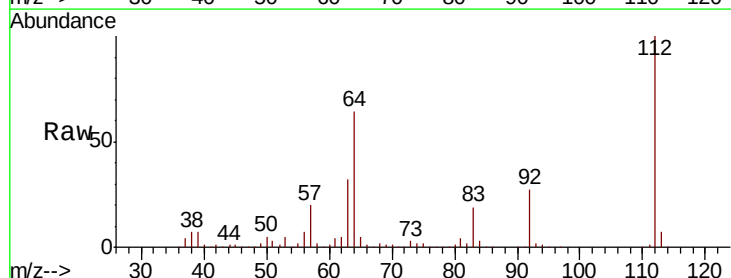
Tgt Ion:112 Resp: 776899

Ion Ratio Lower Upper

112 100

64 63.9 51.2 76.8

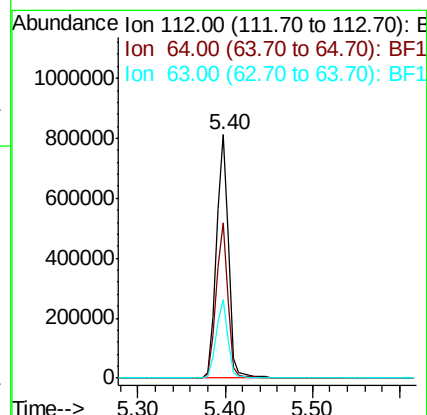
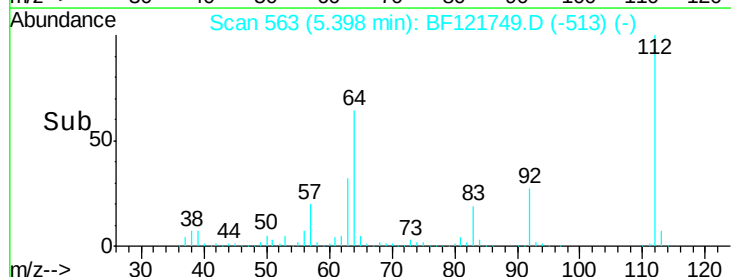
63 32.3 25.9 38.9

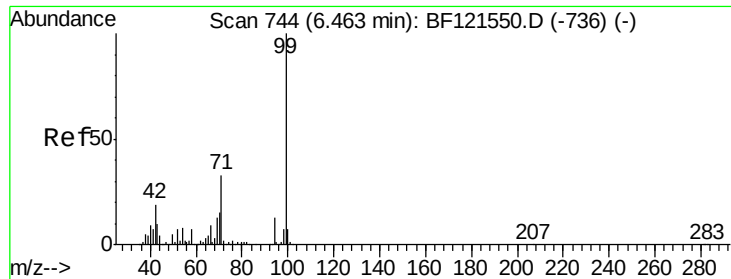


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.071 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

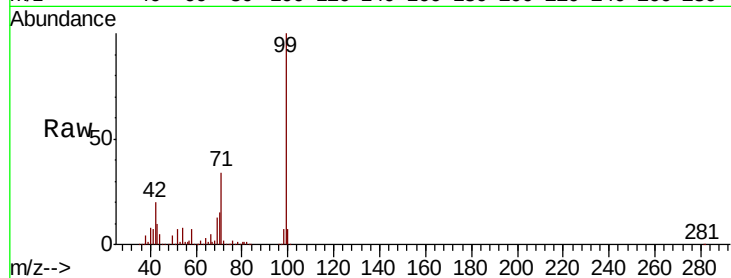
BNA_F

ClientSampleId :

AC-4

Tot Ion: 99 Resp: 1005307

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.5	24.7
71	33.9	27.8	41.6

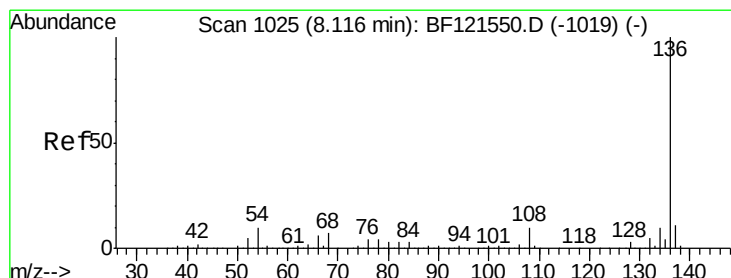
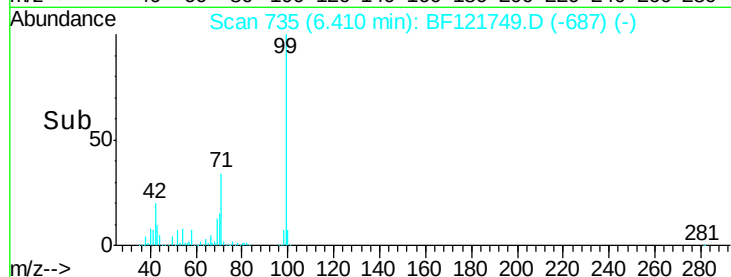
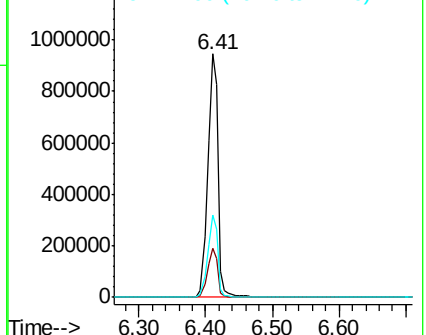


Abundance

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# 1015

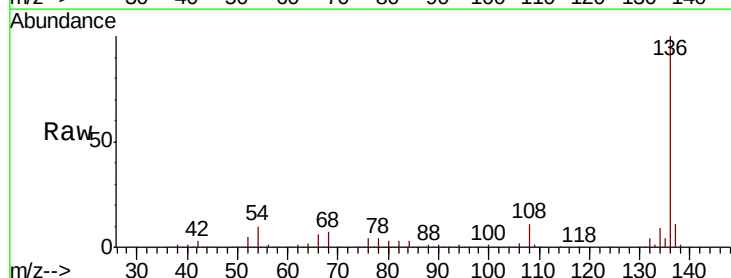
Delta R.T. -0.01 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Tgt Ion: 136 Resp: 609332

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.6	7.8	11.8
68	7.2	5.6	8.4



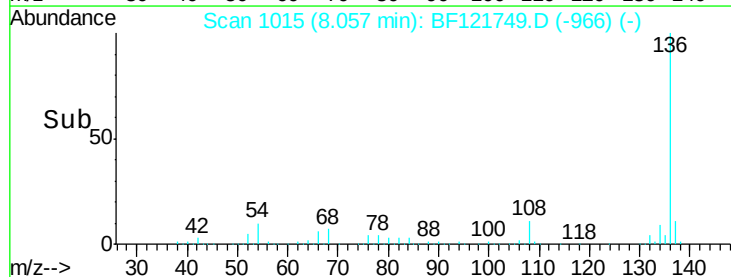
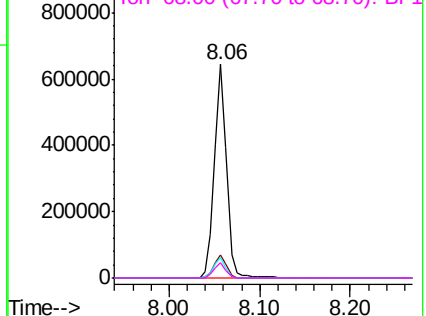
Abundance

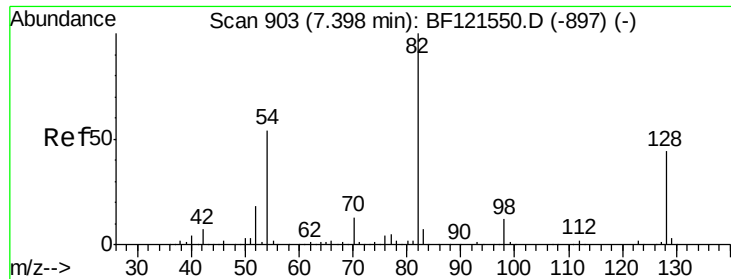
Ion 136.00 (135.70 to 136.70): E

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

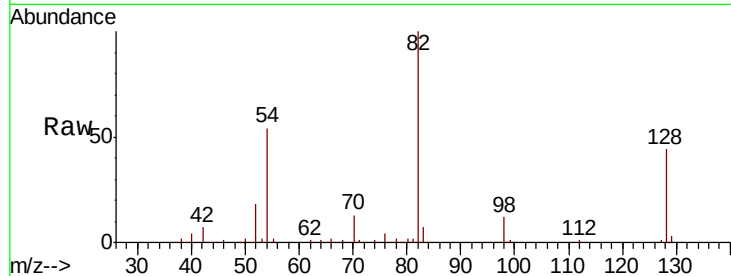




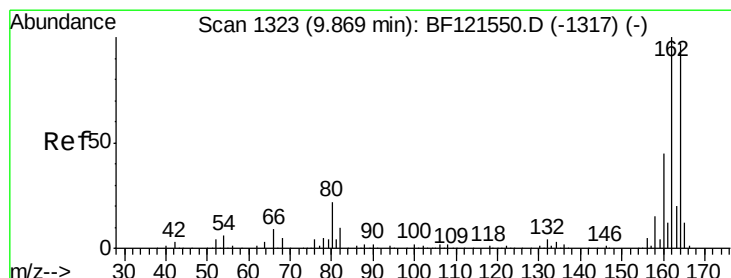
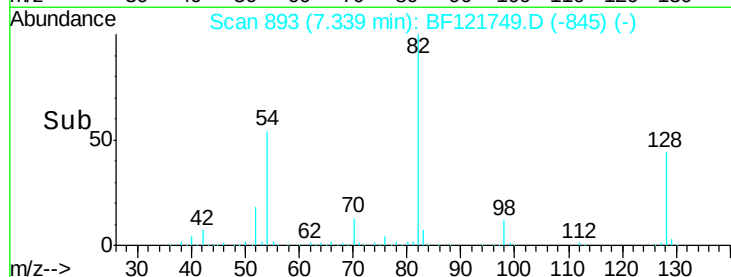
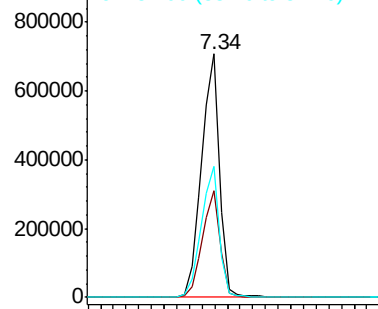
#23
Nitrobenzene-d5
Concen: 61.205 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Instrument :
BNA_F
ClientSampled :
AC-4

Tot Ion	82	Resp	694597
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.0	52.4
54	53.6	42.5	63.7

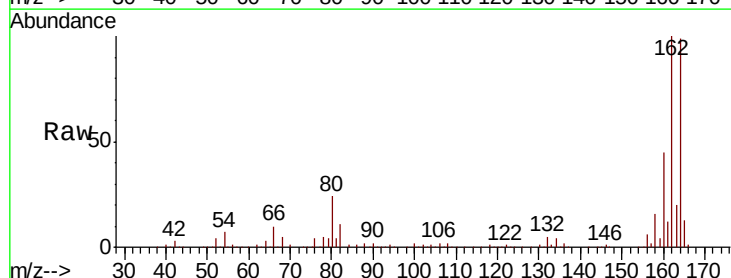


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

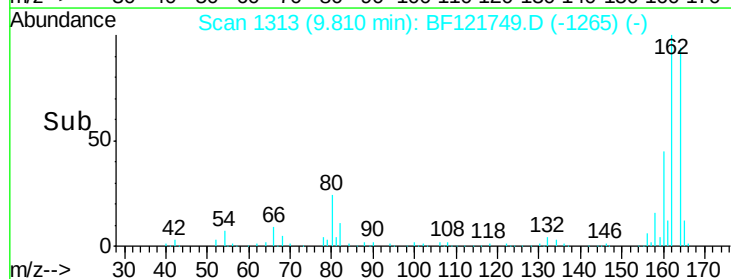
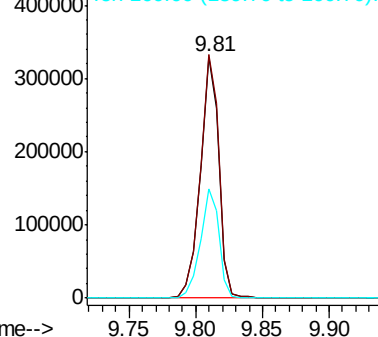


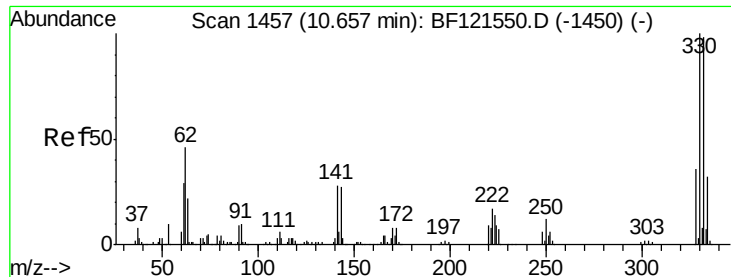
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt Ion	164	Resp	324473
Ion Ratio	Lower	Upper	
164	100		
162	101.0	80.6	121.0
160	45.5	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

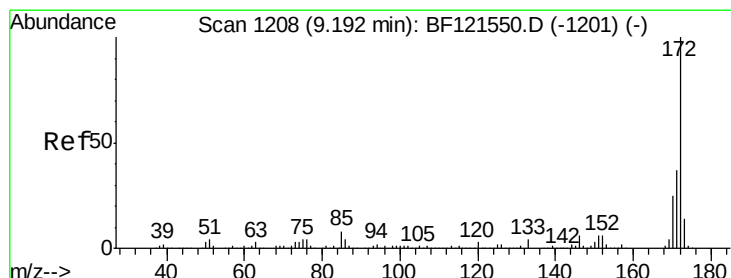
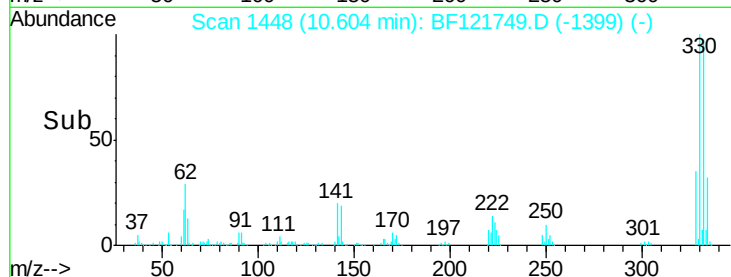
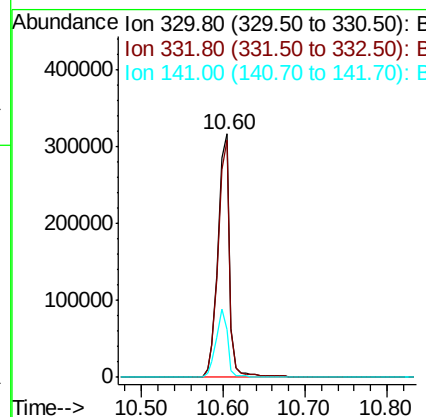
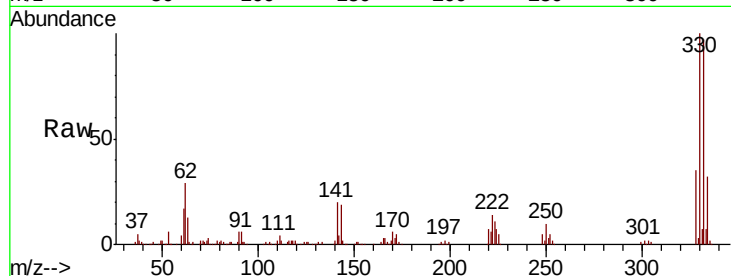




#42
 2,4,6-Tribromophenol
 Concen: 79.302 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

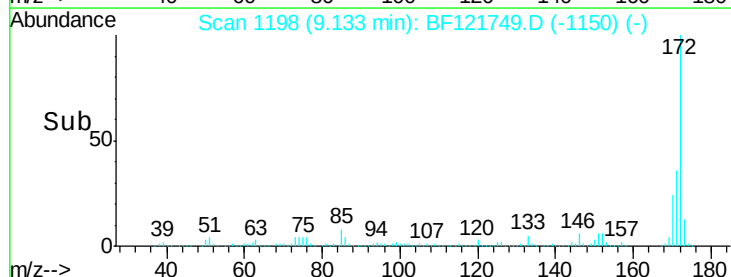
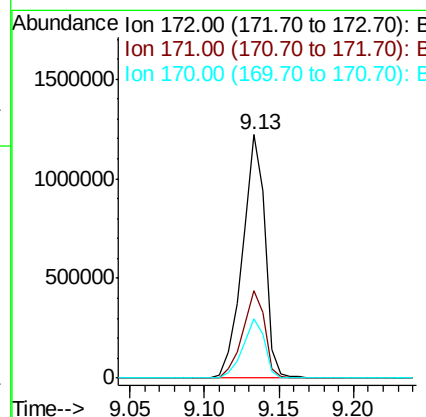
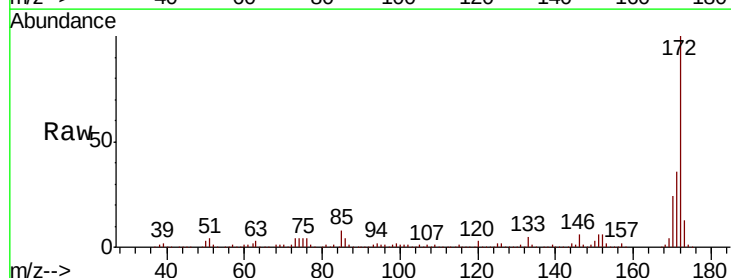
Instrument :
 BNA_F
 ClientSampleId :
 AC-4

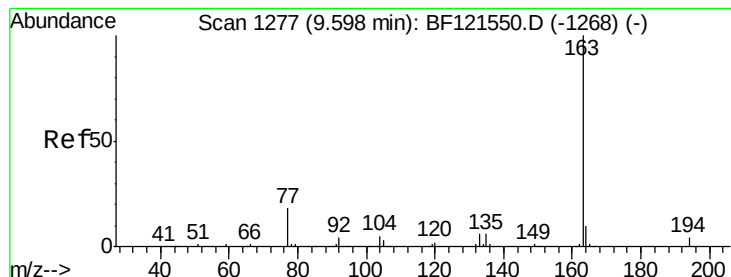
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	28.1	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 59.790 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.2	19.7	29.5





#50

Dimethylphthalate

Concen: 7.257 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

BNA_F

ClientSampled :

AC-4

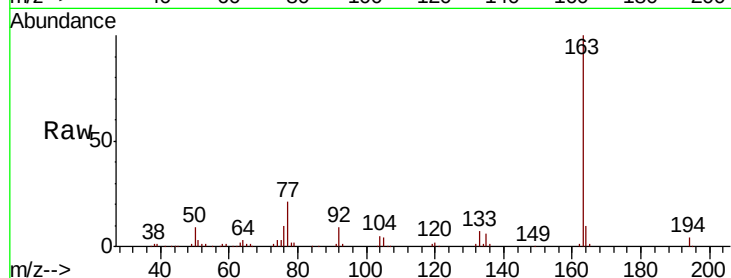
Tot Ion:163 Resp: 170661

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

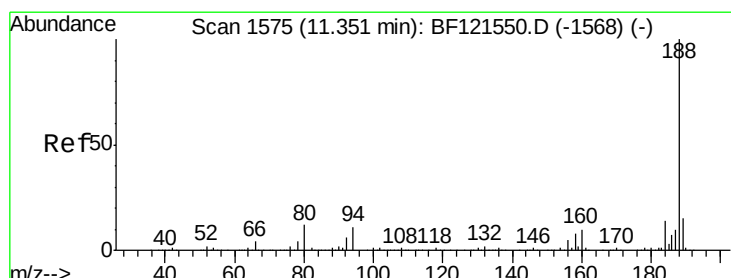
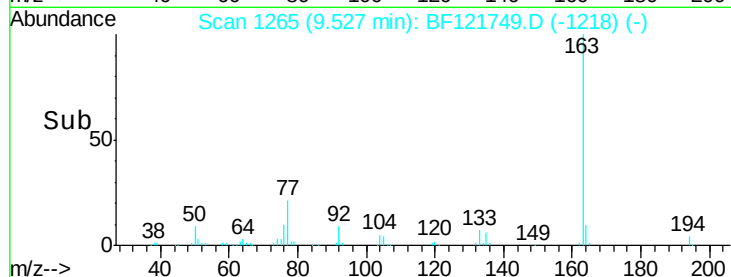
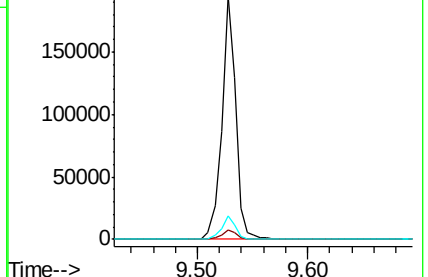
164 9.8 8.5 12.7



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# 1566

Delta R.T. -0.01 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

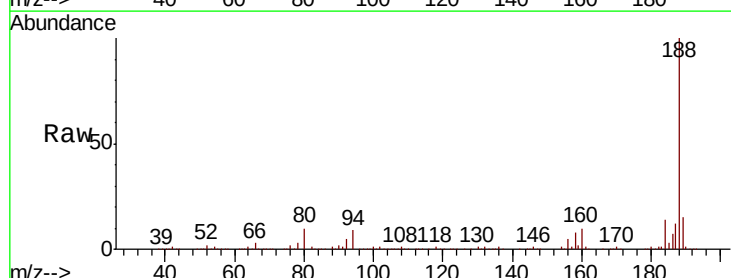
Tgt Ion:188 Resp: 605790

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

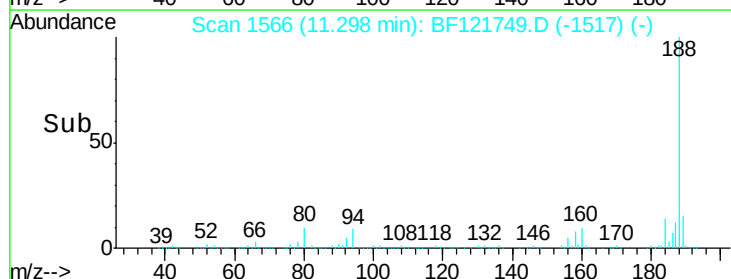
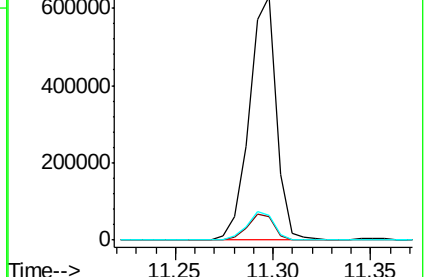
80 10.3 8.9 13.3

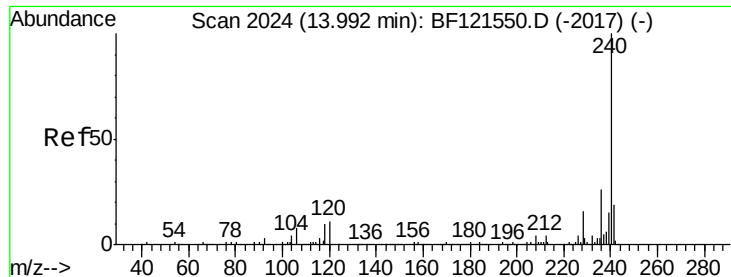


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

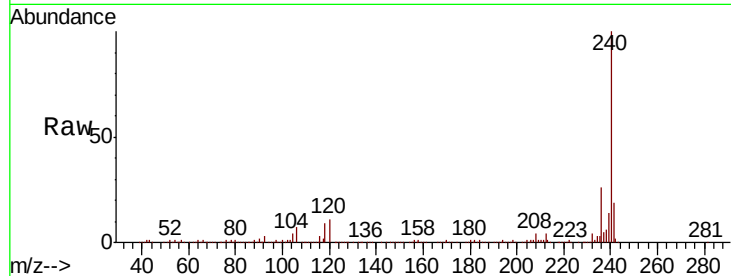




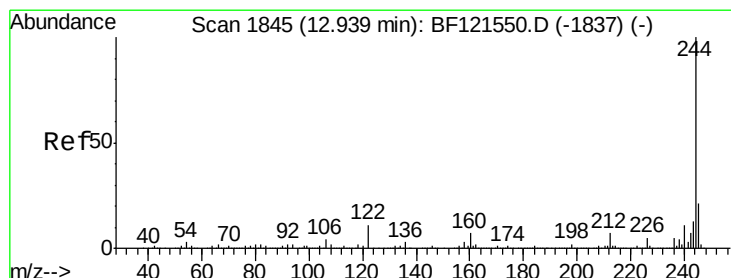
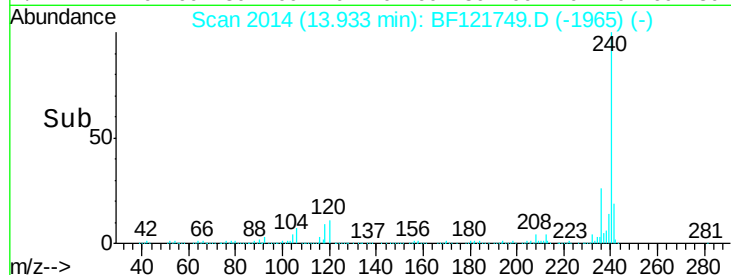
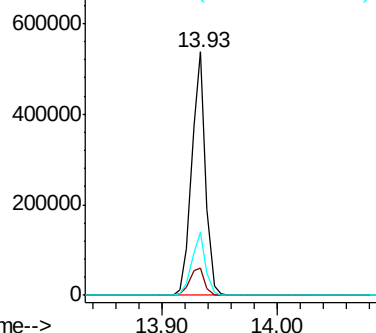
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Instrument :
BNA_F
ClientSampleId :
AC-4

Tot Ion:240	Resp:	441625
Ion Ratio	Lower	Upper
240	100	
120	11.0	10.2 15.4
236	25.7	20.4 30.6

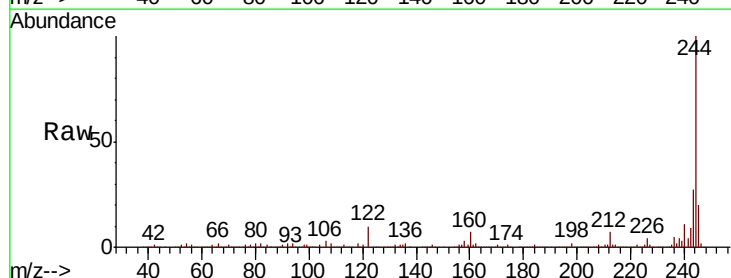


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

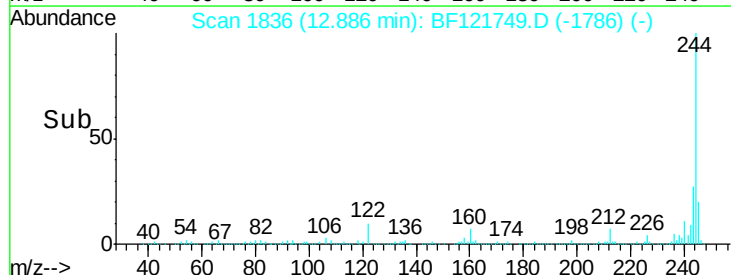
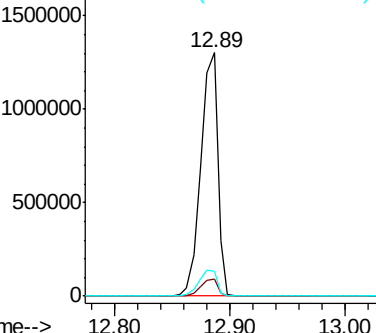


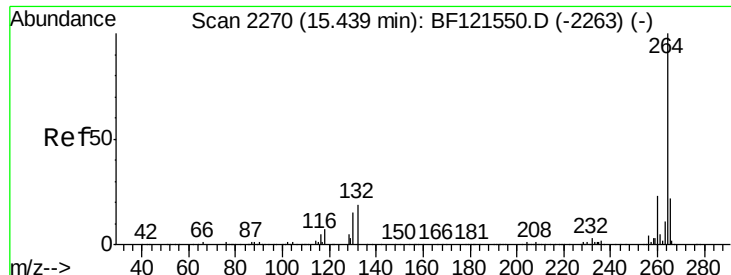
#79
Terphenyl-d14
Concen: 61.328 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt Ion:244	Resp:	1336878
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.7 8.5
122	10.1	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

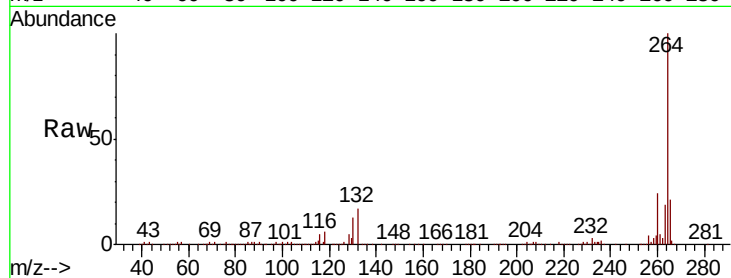




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Instrument :
BNA_F
ClientSampleId :
AC-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.2	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

