

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121682.D
 Acq On : 24 Sep 2020 15:18
 Operator : JU/CG
 Sample : L4125-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 CS-32

Quant Time: Sep 24 15:47:16 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 22 17:53:26 2020
 Response via : Initial Calibration

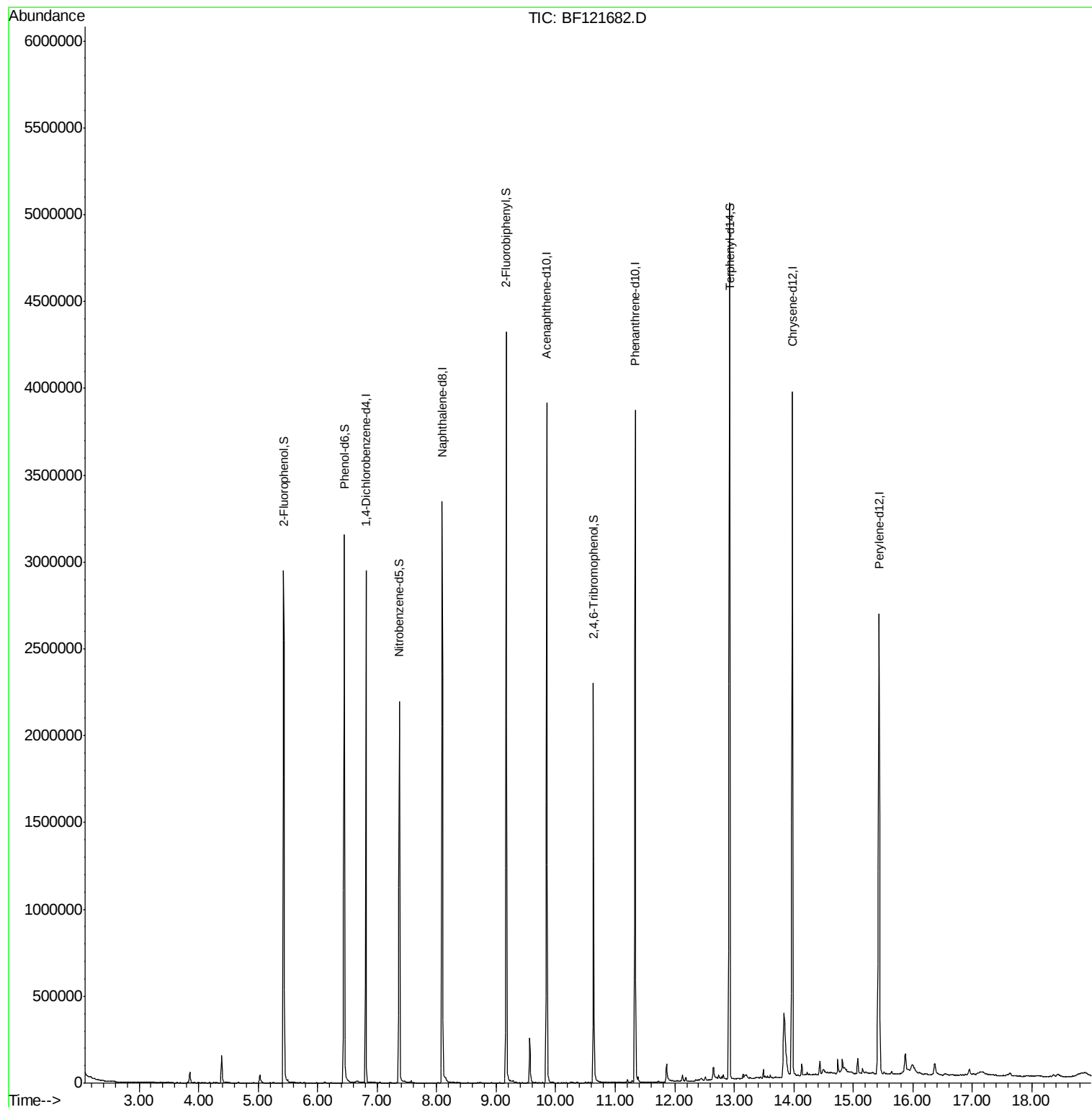
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	394605	40.00	ng	0.00
21) Naphthalene-d8	8.09	136	1560674	40.00	ng	0.00
39) Acenaphthene-d10	9.85	164	841761	40.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1653220	40.00	ng	0.00
76) Chrysene-d12	13.97	240	1634249	40.00	ng	0.00
86) Perylene-d12	15.43	264	1409433	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	857048	64.55	ng	0.00
7) Phenol-d6	6.45	99	1109415	63.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	763851	52.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	311071	59.47	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1381569	49.72	ng	0.00
79) Terphenyl-d14	12.92	244	1734917	43.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	119567	3.920	ng	Qvalue 99

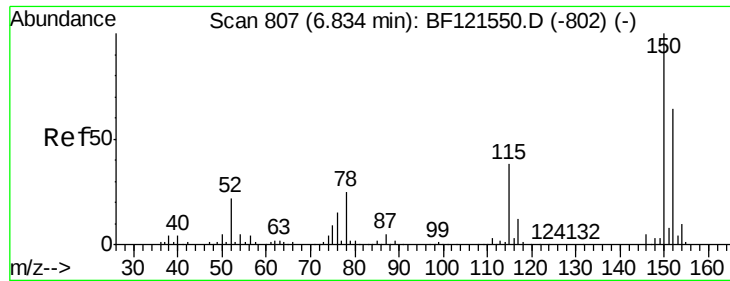
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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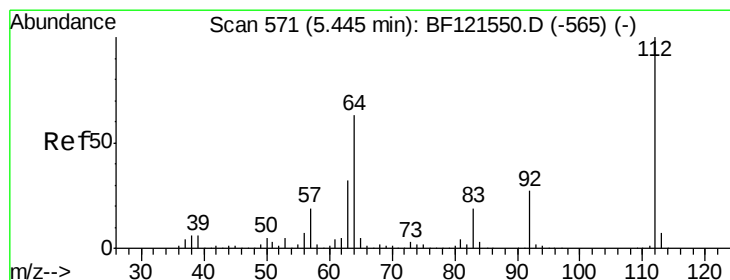
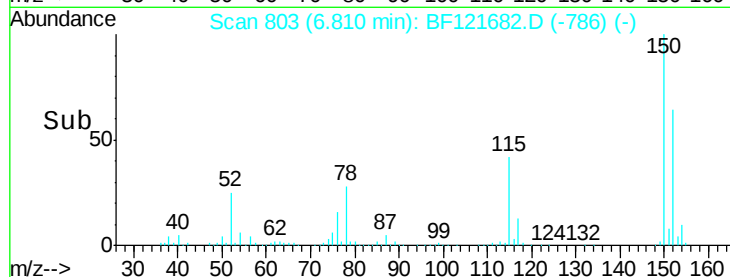
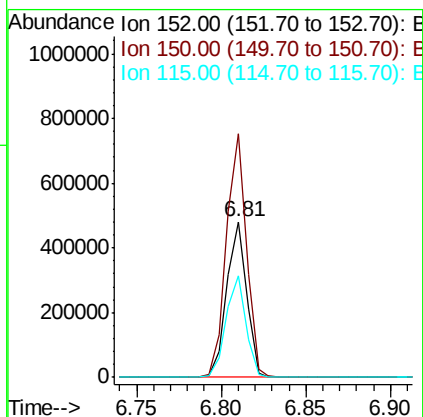
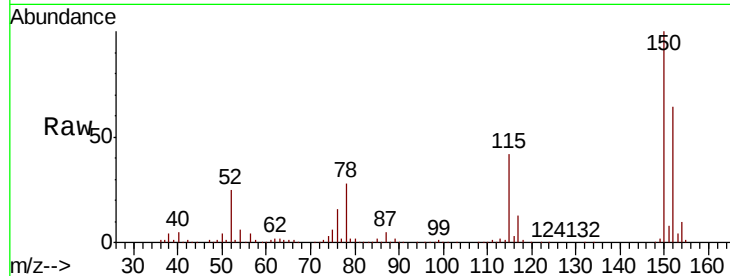


#1

1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121682.D
Acq: 24 Sep 2020 15:18

Instrument :
BNA_F
ClientSampled :
CS-32

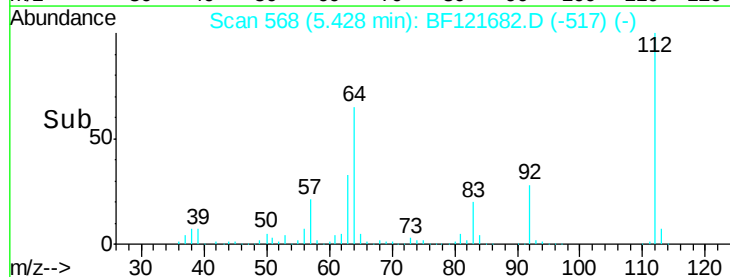
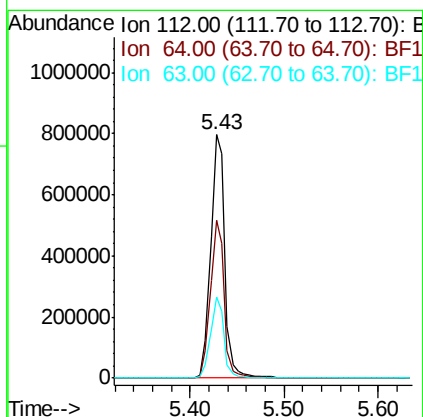
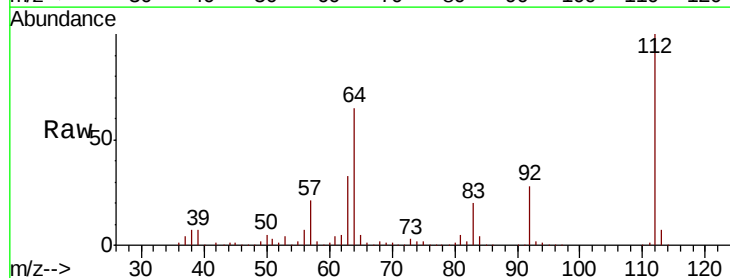
Tot Ion:152 Resp: 394605
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 64.8 52.6 79.0



#5

2-Fluorophenol
Concen: 64.555 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121682.D
Acq: 24 Sep 2020 15:18

Tgt Ion:112 Resp: 857048
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.2
63 33.3 26.6 39.8





#7

Phenol-d6

Concen: 63.695 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121682.D

Acq: 24 Sep 2020 15:18

Instrument :

BNA_F

ClientSampleId :

CS-32

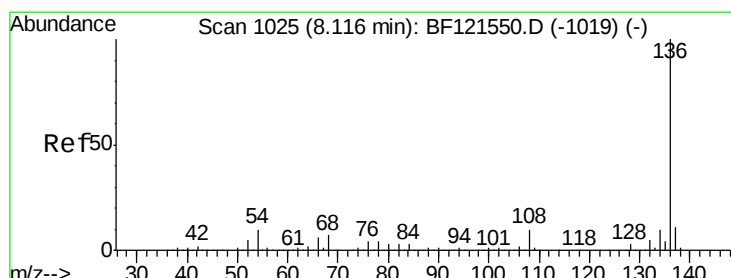
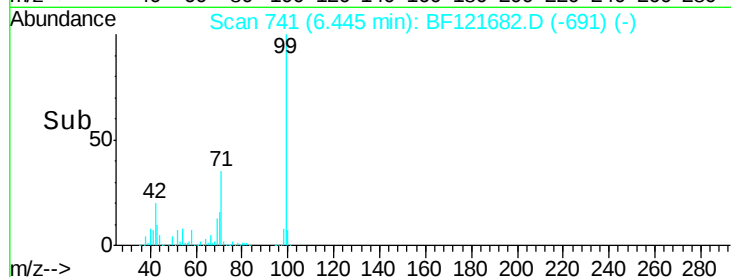
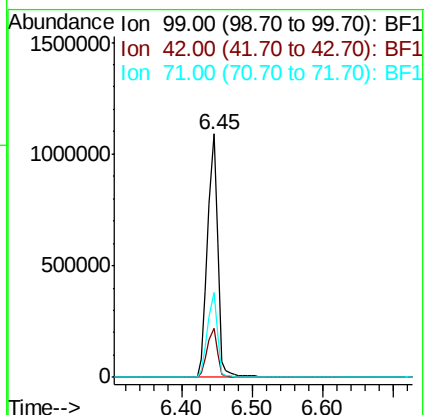
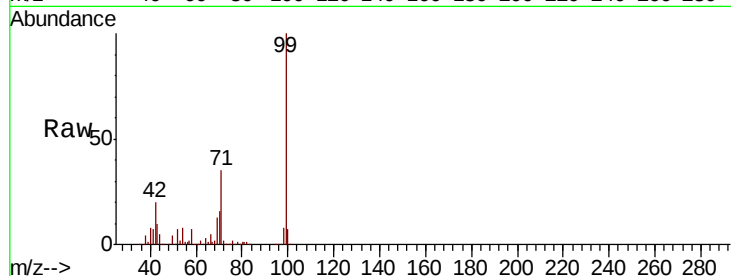
Tot Ion: 99 Resp: 1109415

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 35.1 27.4 41.2



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121682.D

Acq: 24 Sep 2020 15:18

Tgt Ion: 136 Resp: 1560674

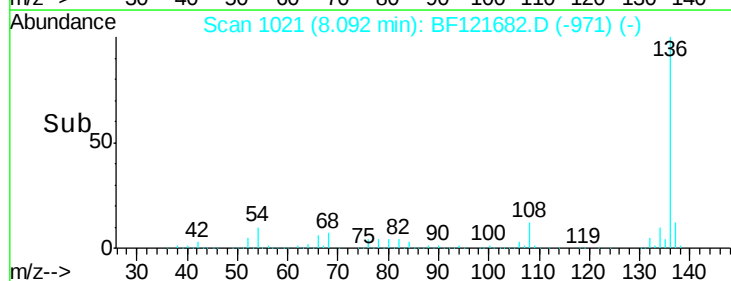
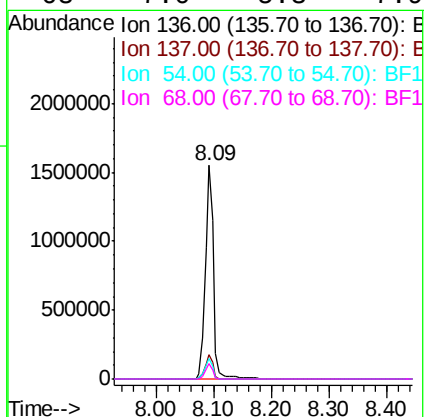
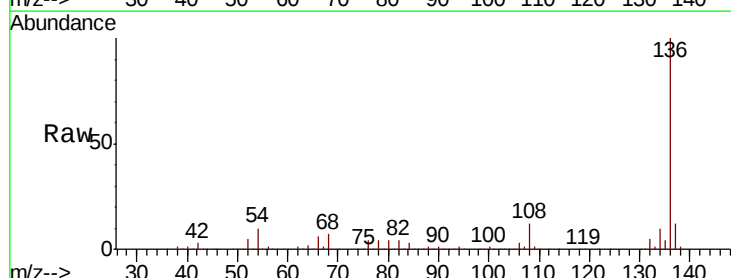
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.7 7.4 11.0

68 7.0 5.3 7.9

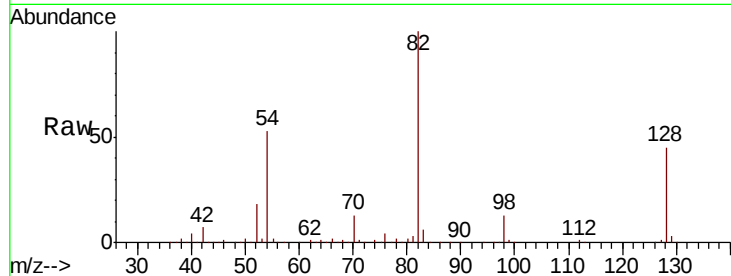




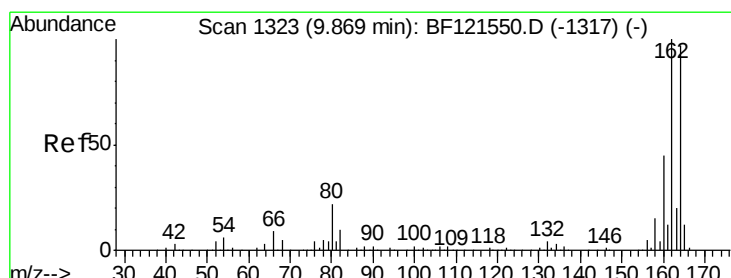
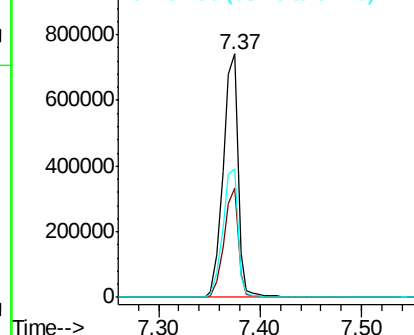
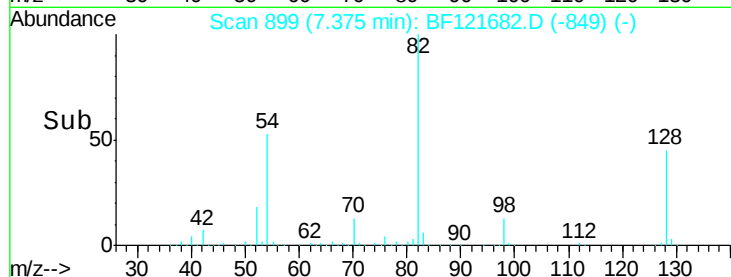
#23
 Nitrobenzene-d5
 Concen: 52.557 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121682.D
 Acq: 24 Sep 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 CS-32

Tot Ion	82	Resp	763851
Ion Ratio	Lower	Upper	
82	100		
128	44.7	33.9	50.9
54	52.7	42.9	64.3

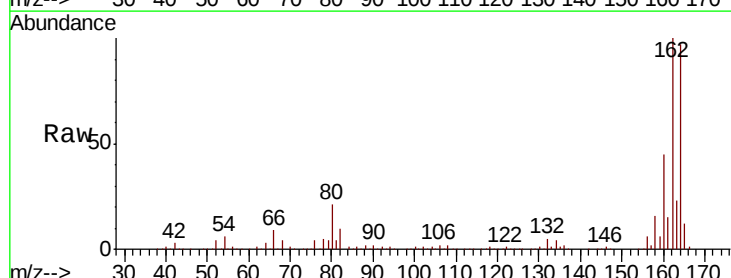


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

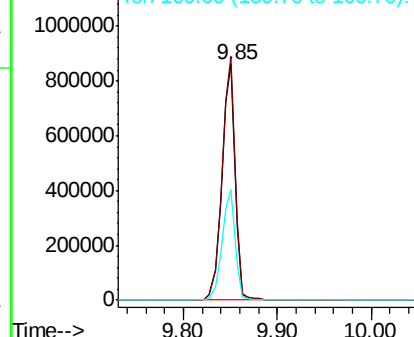
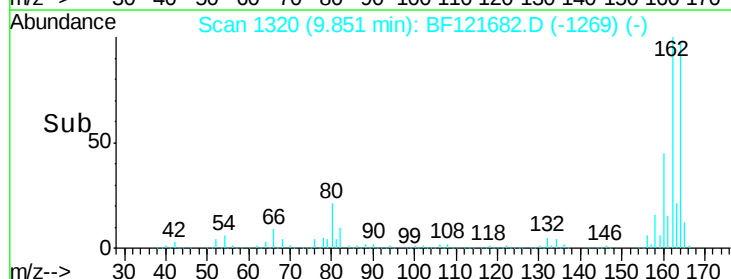


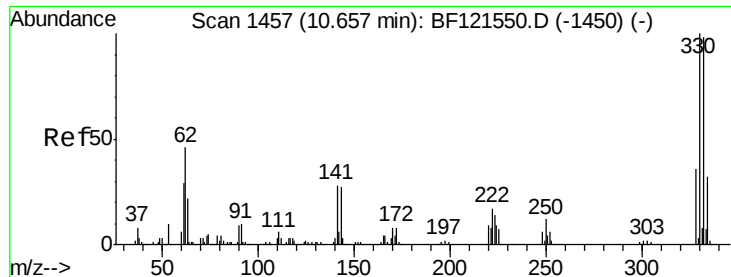
#39
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121682.D
 Acq: 24 Sep 2020 15:18

Tgt Ion	164	Resp	841761
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.2	121.8
160	46.7	36.2	54.4



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

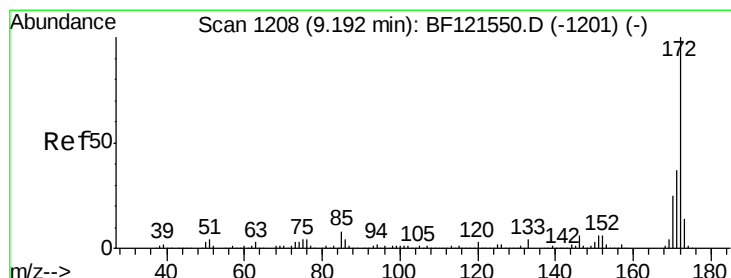
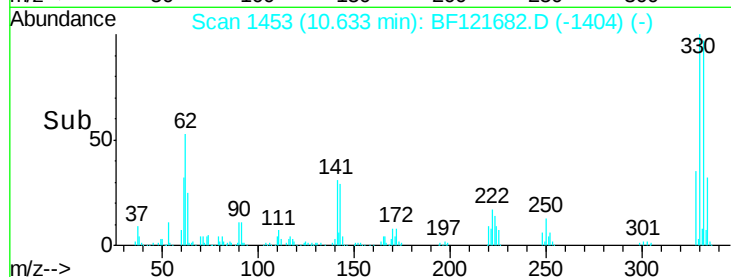
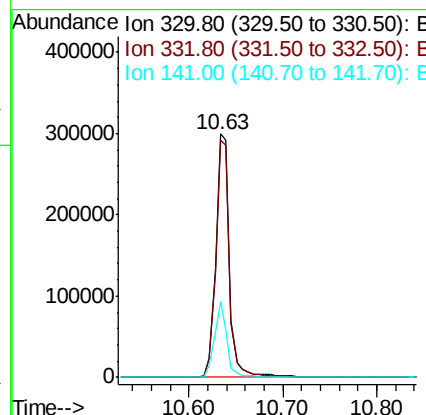
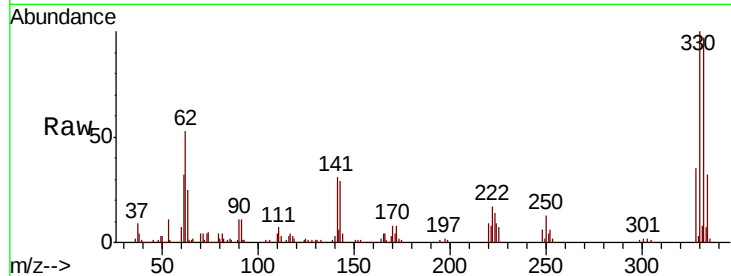




#42
 2,4,6-Tribromophenol
 Concen: 59.467 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF121682.D
 Acq: 24 Sep 2020 15:18

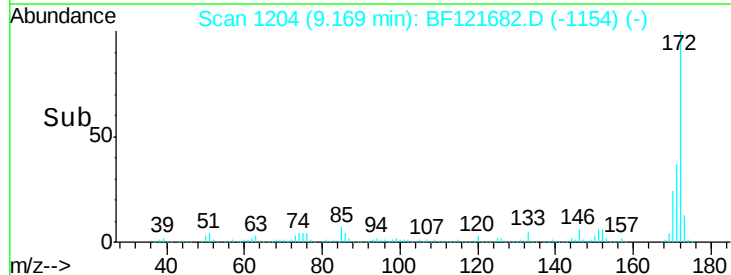
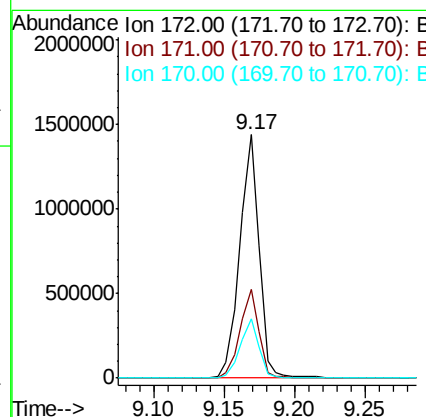
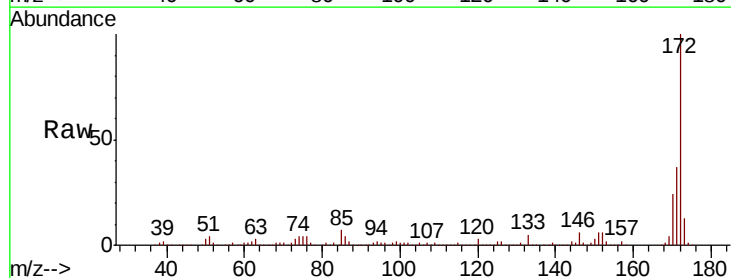
Instrument :
 BNA_F
 ClientSampleId :
 CS-32

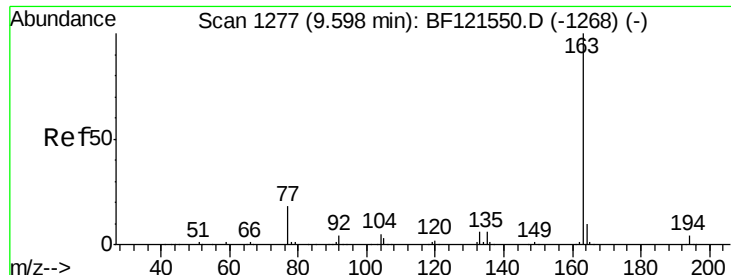
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	28.8	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 49.716 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121682.D
 Acq: 24 Sep 2020 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.4	19.5	29.3

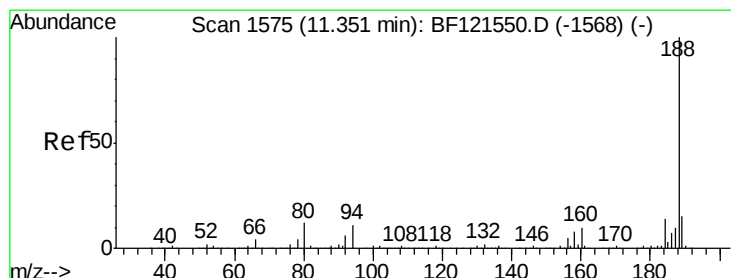
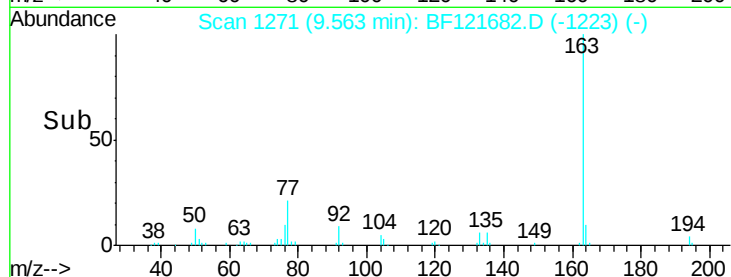
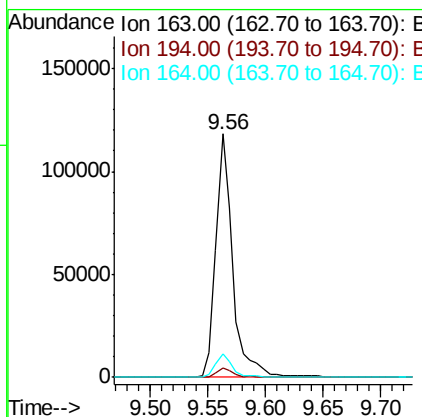
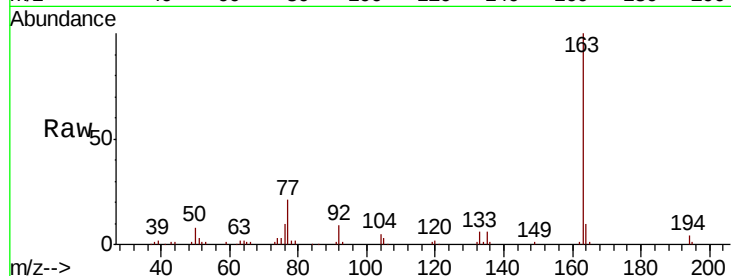




#50
Dimethylphthalate
Concen: 3.920 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121682.D
Acq: 24 Sep 2020 15:18

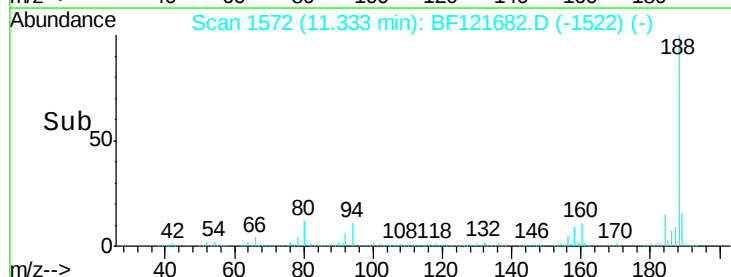
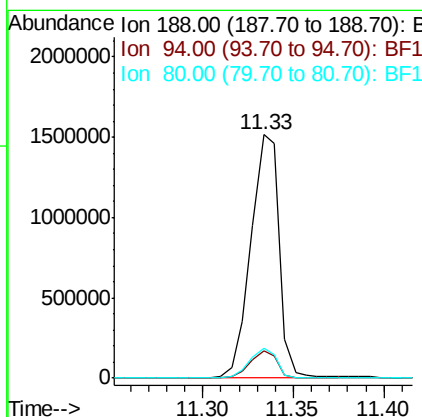
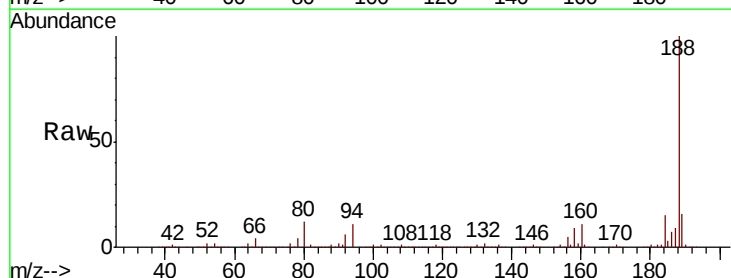
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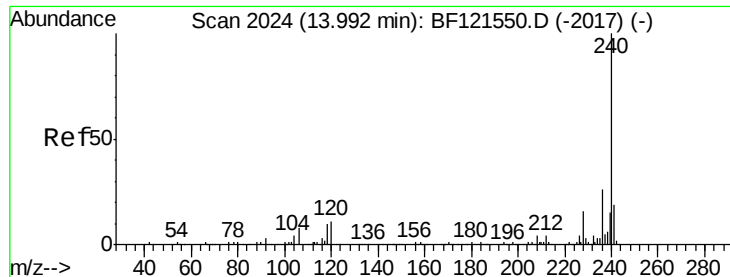
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.8	8.0	12.0



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121682.D
Acq: 24 Sep 2020 15:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.4	12.6
80	12.2	9.0	13.4





#76

Chrysene-d12

Concen: 40.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121682.D

Acq: 24 Sep 2020 15:18

Instrument :

BNA_F

ClientSampleId :

CS-32

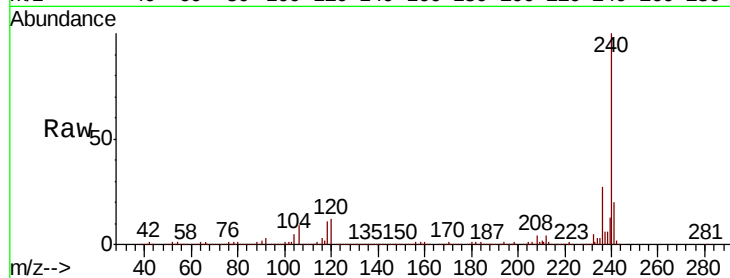
Tot Ion:240 Resp: 1634249

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

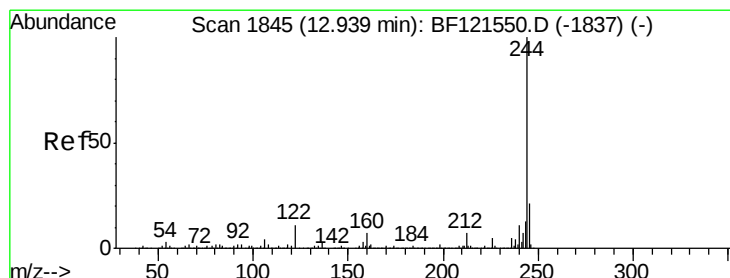
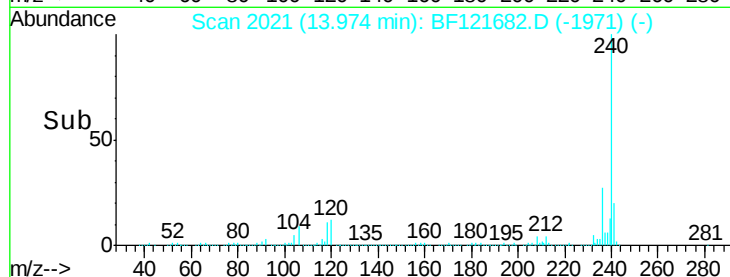
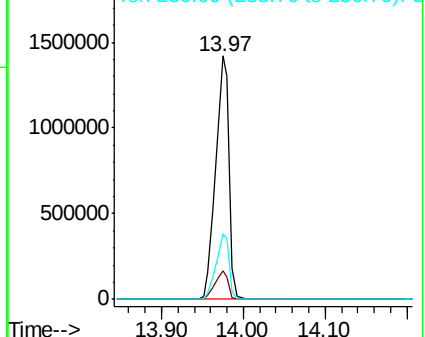
236 26.9 20.4 30.6



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: 43.014 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121682.D

Acq: 24 Sep 2020 15:18

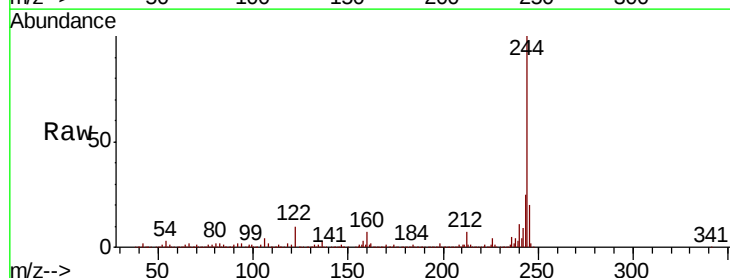
Tgt Ion:244 Resp: 1734917

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

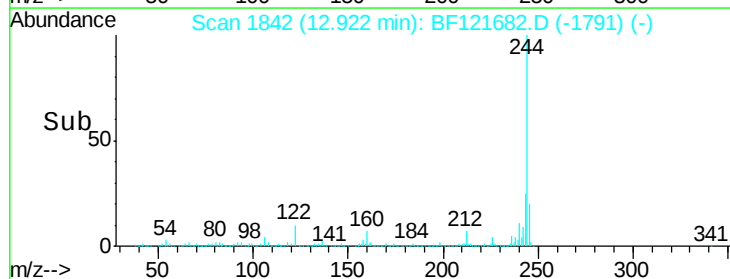
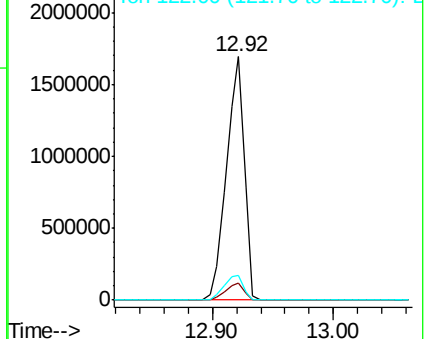
122 10.4 7.4 11.0

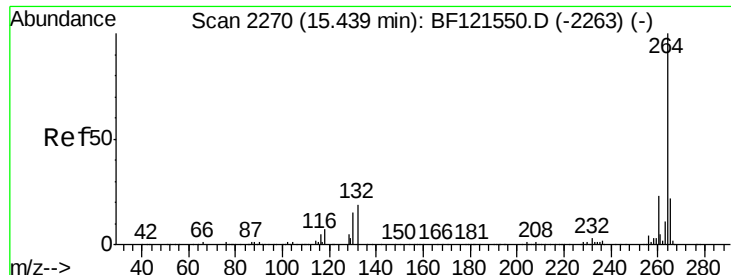


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 40.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF121682.D
 Acq: 24 Sep 2020 15:18

Instrument :
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 ClientSampleId :
 CS-32

Tot Ion:264 Resp: 1409433
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.7 17.3 25.9

