

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121131.D
 Acq On : 30 Jul 2020 16:39
 Operator : JU/CG
 Sample : L3183-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820

Quant Time: Jul 30 17:30:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

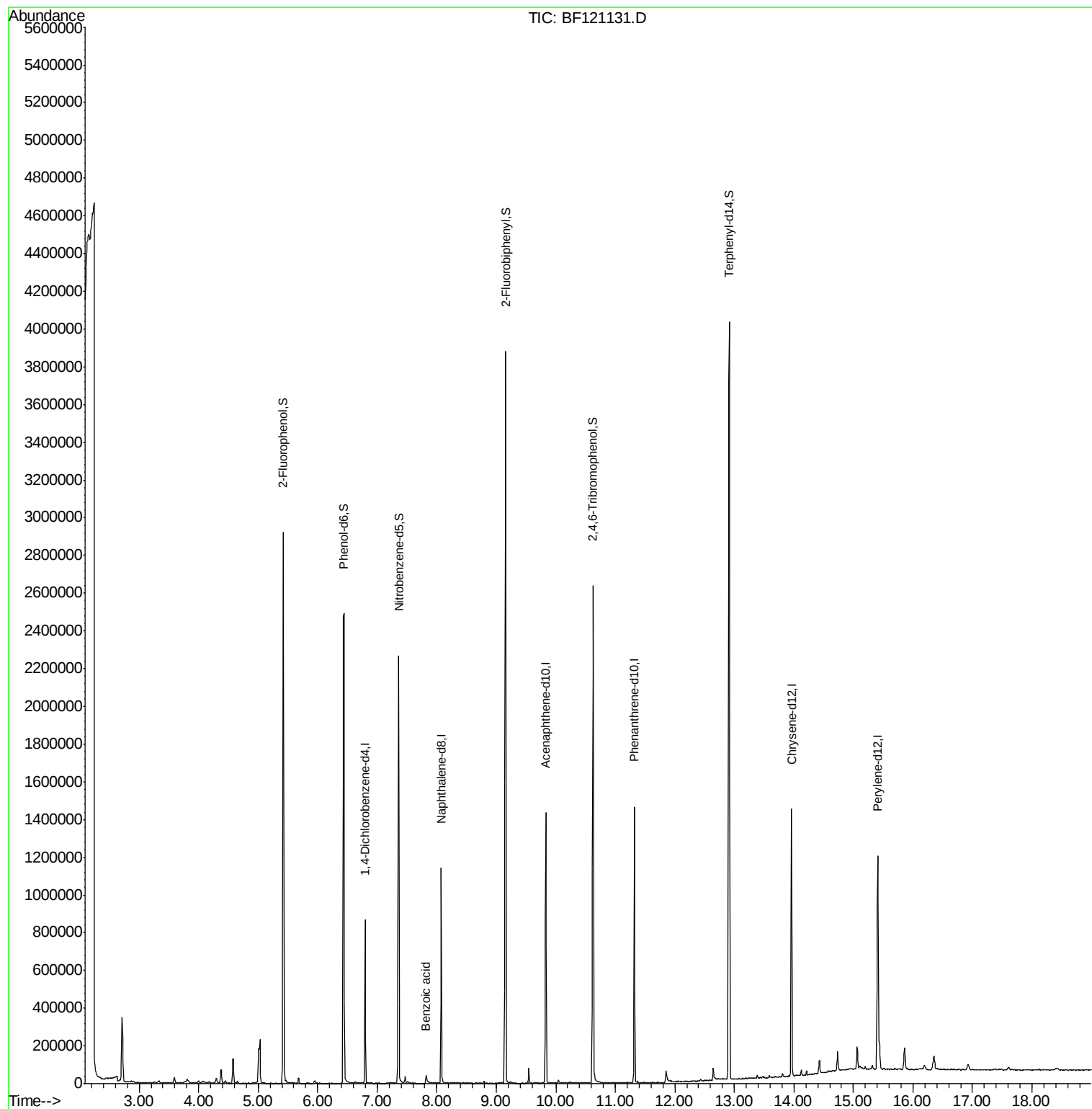
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135981	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526796	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	273380	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	553575	20.00	ng	0.00
76) Chrysene-d12	13.96	240	510064	20.00	ng	0.00
86) Perylene-d12	15.41	264	503726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	955972	115.25	ng	0.00
7) Phenol-d6	6.44	99	1049032	97.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	812482	89.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	409712	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1378983	75.31	ng	0.00
79) Terphenyl-d14	12.92	244	1658547	70.68	ng	0.00
Target Compounds						
32) Benzoic acid	7.82	122	15652	2.756	ng	Qvalue 94

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

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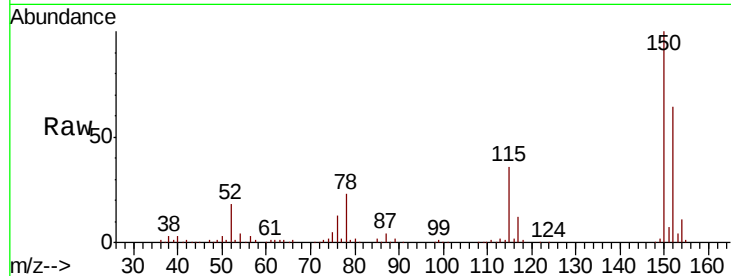




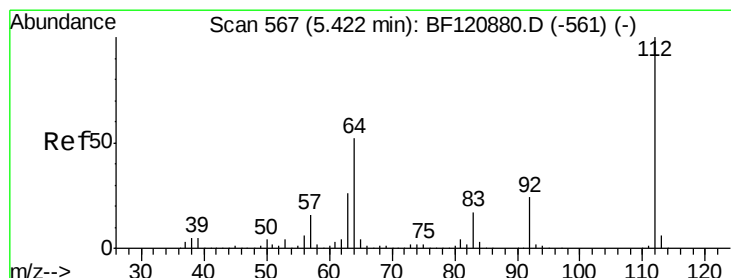
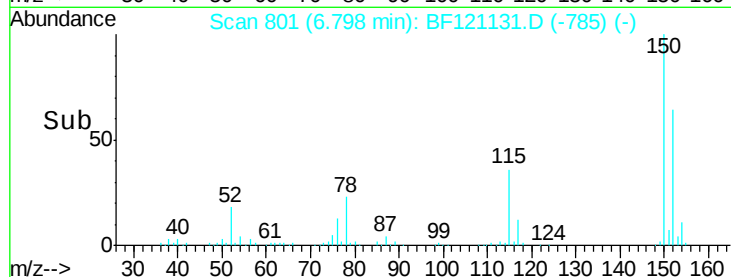
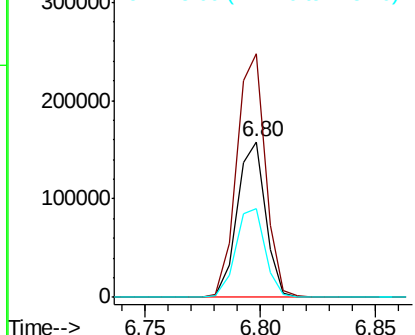
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121131.D
 Acq: 30 Jul 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820

Tot Ion:152 Resp: 135981
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.6 188.4
 115 57.0 46.2 69.2

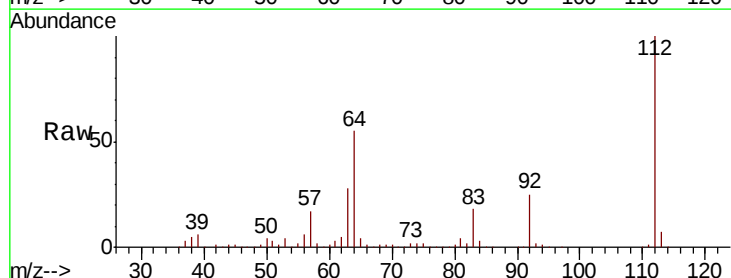


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

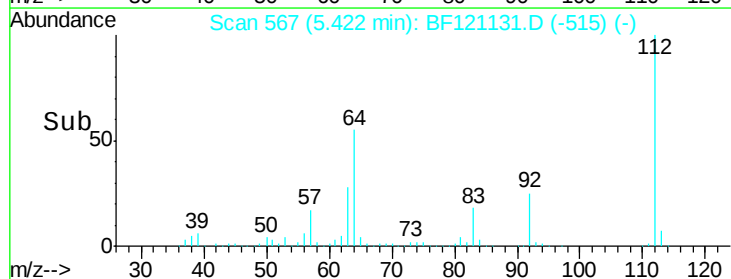
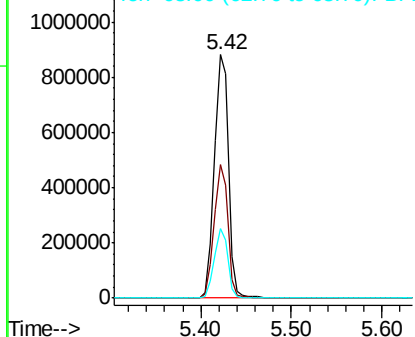


#5
 2-Fluorophenol
 Concen: 115.250 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121131.D
 Acq: 30 Jul 2020 16:39

Tgt Ion:112 Resp: 955972
 Ion Ratio Lower Upper
 112 100
 64 55.1 43.9 65.9
 63 28.5 22.7 34.1



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: 97.905 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

Instrument :

BNA_F

ClientSampleId :

OK-02-072820

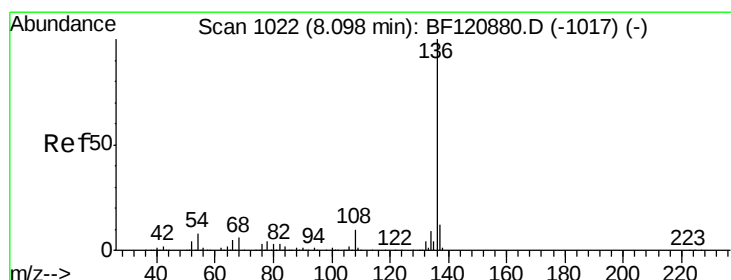
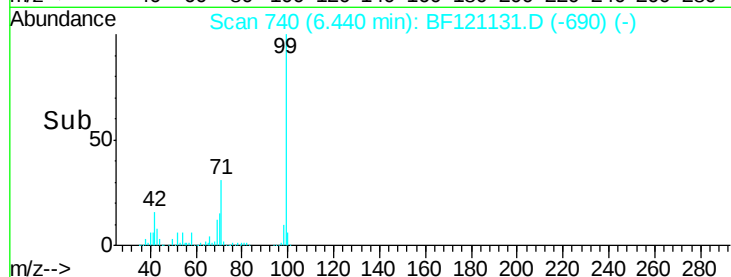
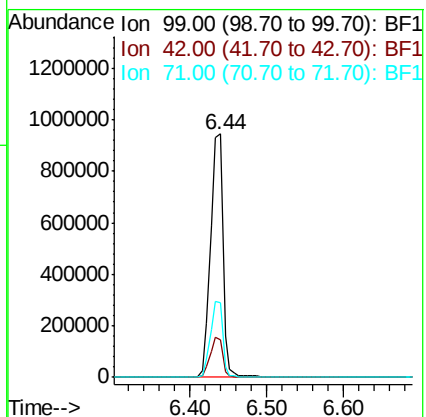
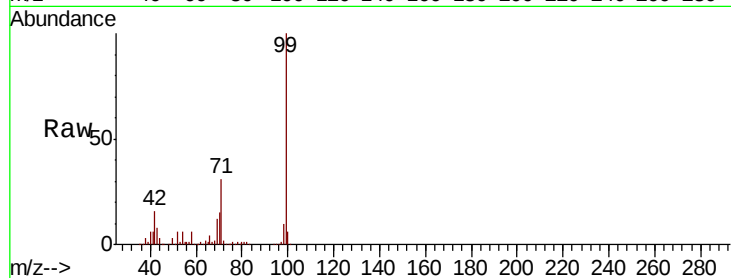
Tot Ion: 99 Resp: 1049032

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 30.5 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

Tgt Ion: 136 Resp: 526796

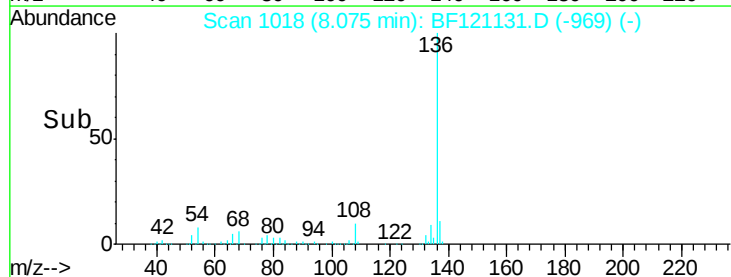
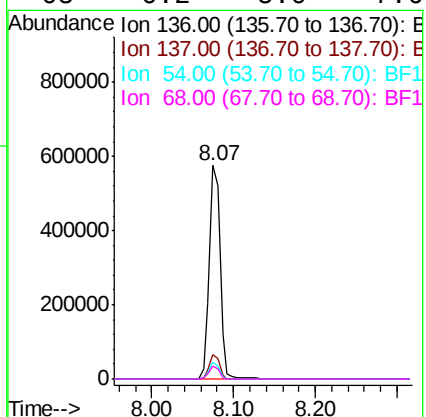
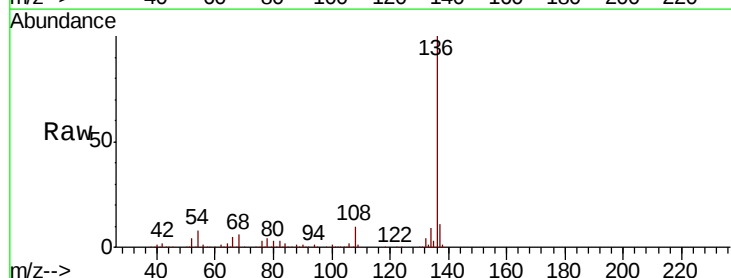
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.6 6.1 9.1

68 6.2 5.0 7.6

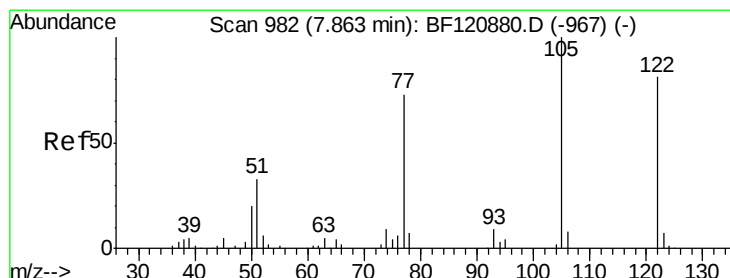
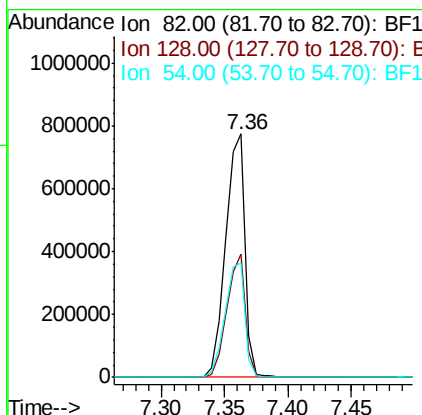
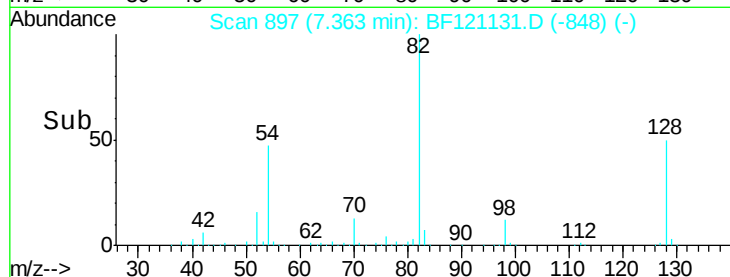
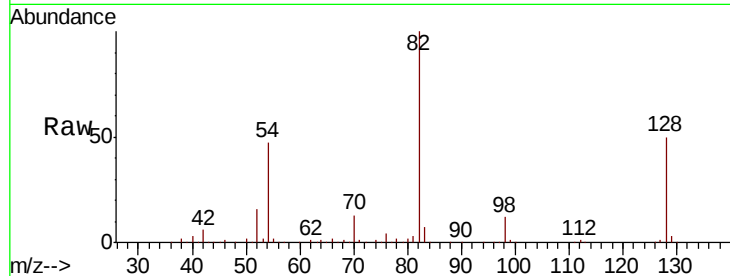




#23
Nitrobenzene-d5
Concen: 89.243 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

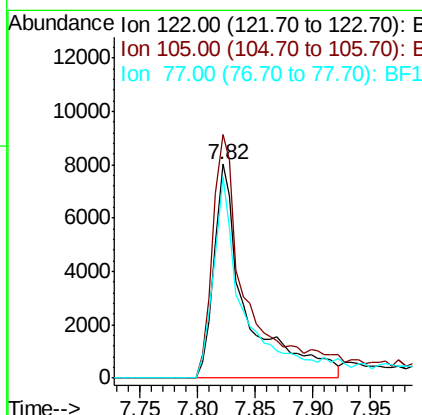
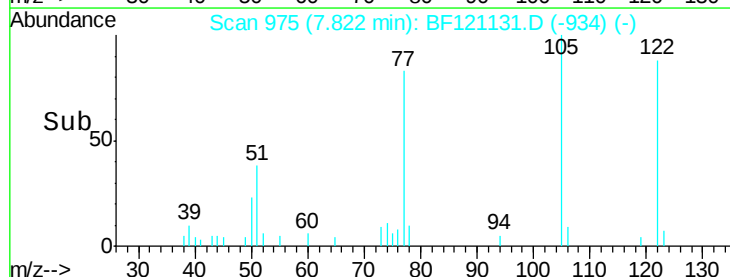
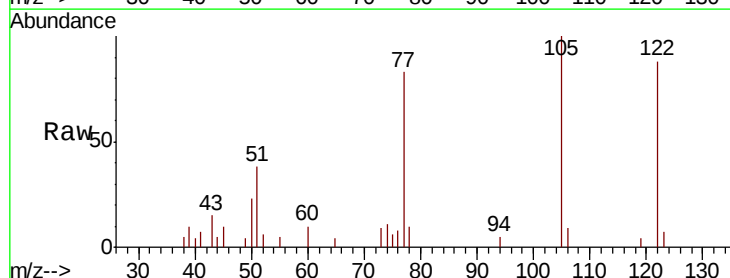
Instrument :
BNA_F
ClientSampleID :
OK-02-072820

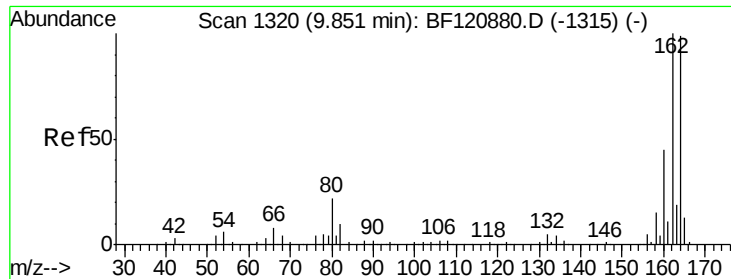
Tot Ion: 82 Resp: 812482
Ion Ratio Lower Upper
82 100
128 50.4 39.2 58.8
54 47.0 37.8 56.8



#32
Benzoic acid
Concen: 2.756 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.06 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Tgt Ion: 122 Resp: 15652
Ion Ratio Lower Upper
122 100
105 113.7 100.9 140.9
77 93.9 67.8 107.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

Instrument :

BNA_F

ClientSampleId :

OK-02-072820

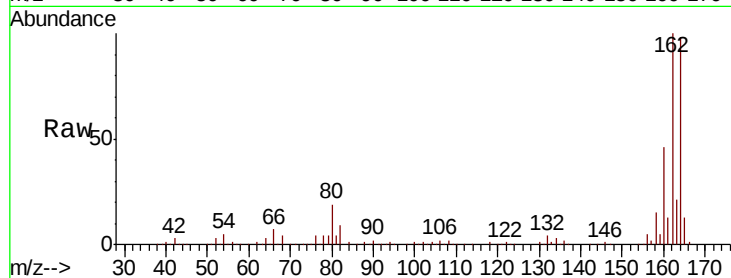
Tot Ion:164 Resp: 273380

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.2

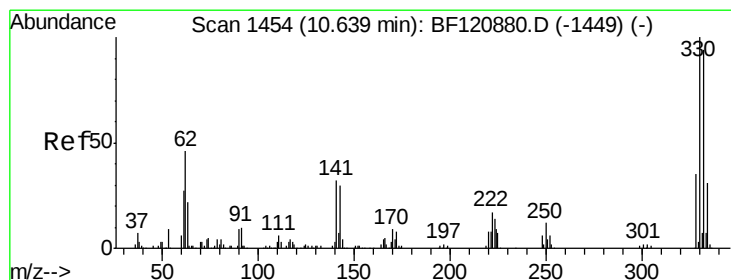
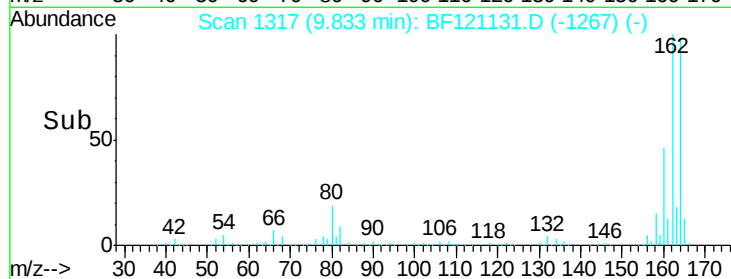
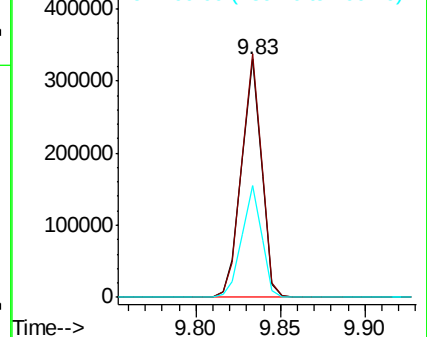
160 46.8 37.2 55.8



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: 136.917 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

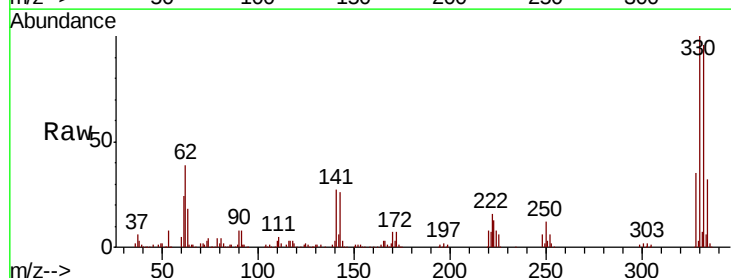
Tgt Ion:330 Resp: 409712

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

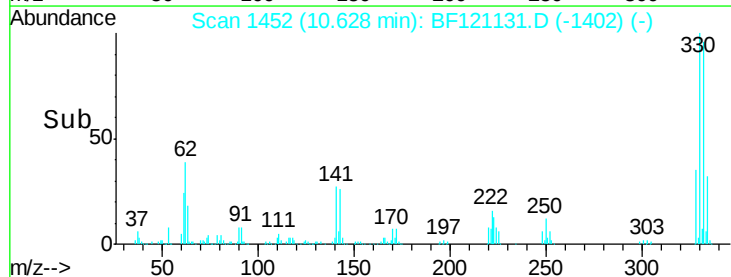
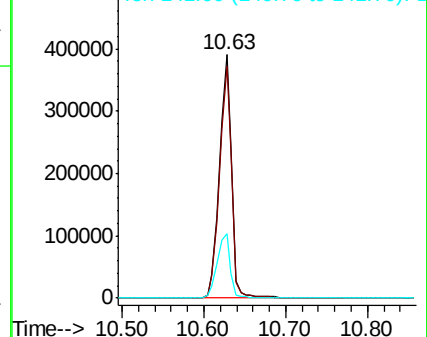
141 28.4 24.1 36.1

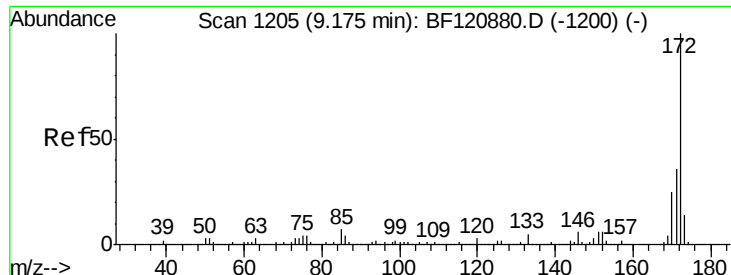


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



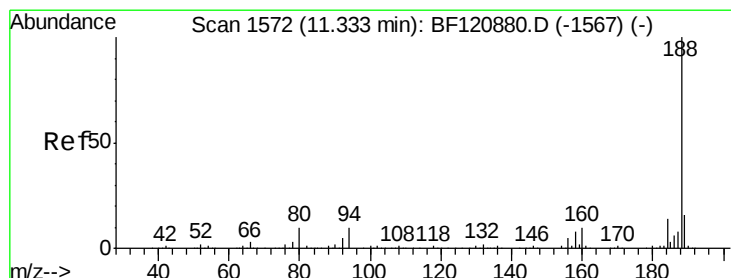
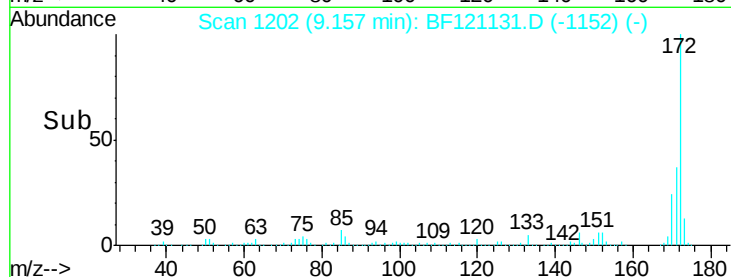
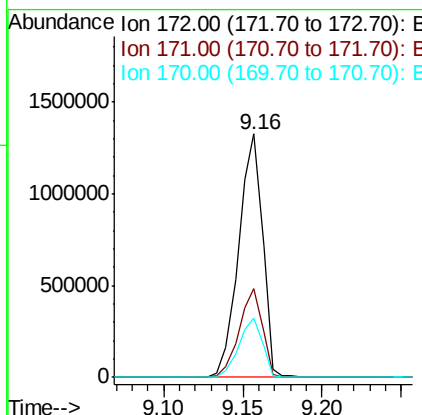
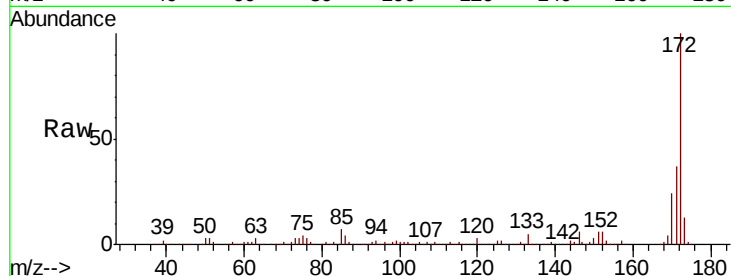


#45
 2-Fluorobiphenyl
 Concen: 75.312 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121131.D
 Acq: 30 Jul 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-072820

Tot Ion:172 Resp: 1378983

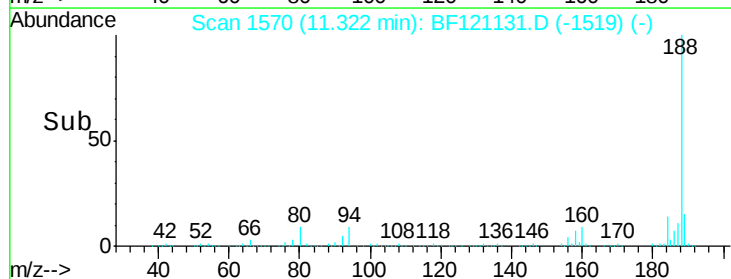
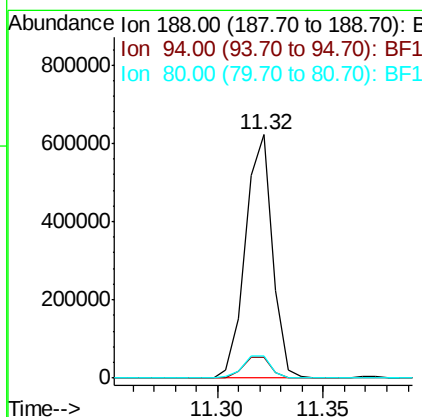
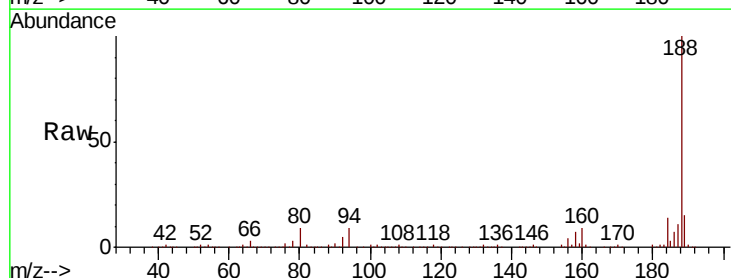
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.5	19.6	29.4

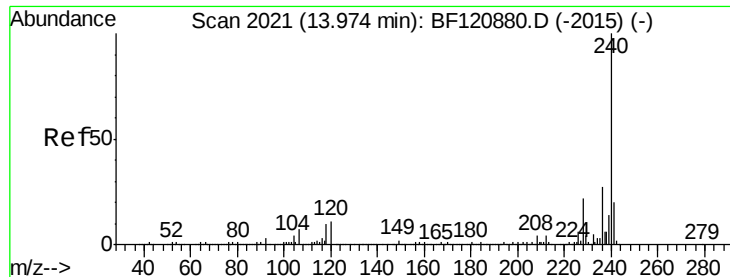


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121131.D
 Acq: 30 Jul 2020 16:39

Tgt Ion:188 Resp: 553575

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	9.1	8.3	12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

Instrument :

BNA_F

ClientSampleId :

OK-02-072820

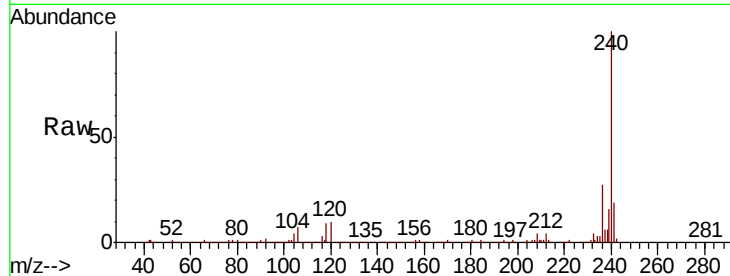
Tot Ion:240 Resp: 510064

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

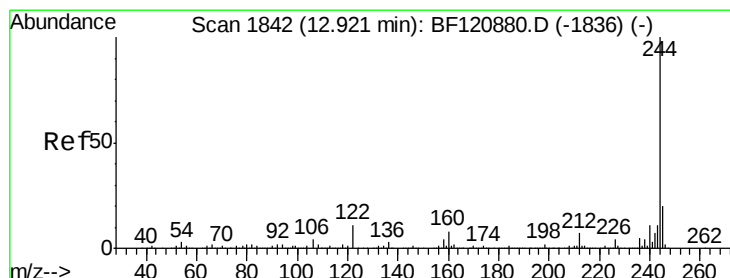
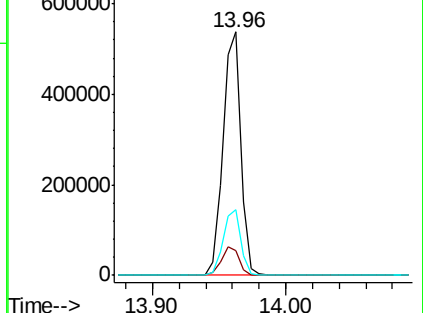
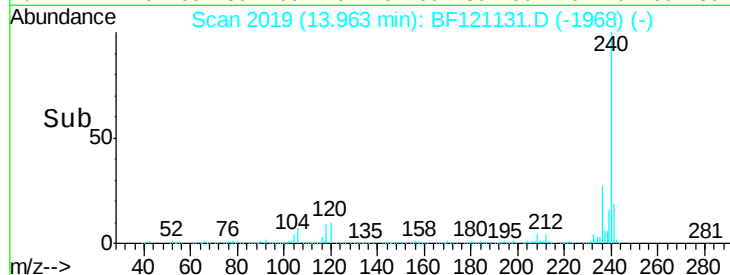
236 27.0 21.1 31.7



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: 70.684 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121131.D

Acq: 30 Jul 2020 16:39

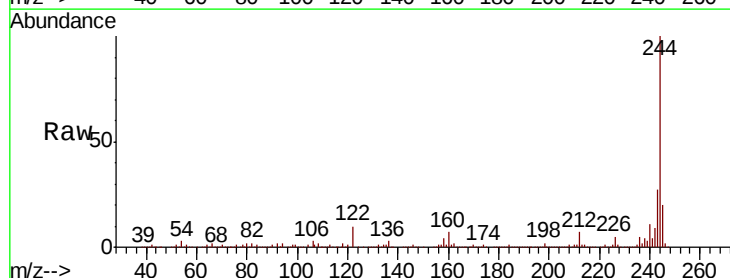
Tgt Ion:244 Resp: 1658547

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

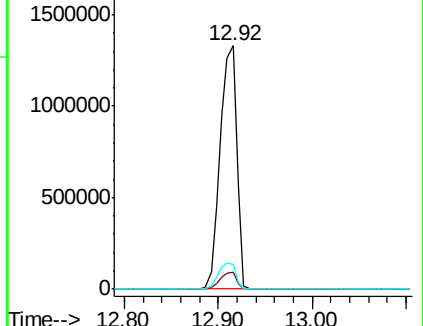
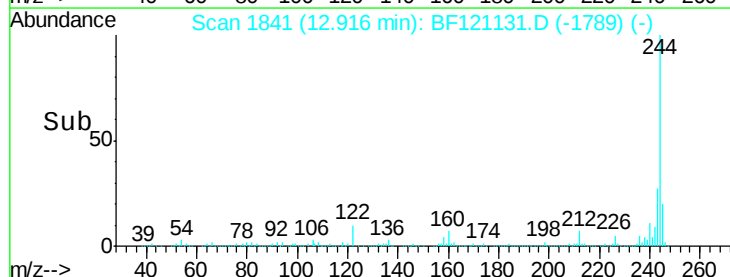
122 10.1 8.3 12.5

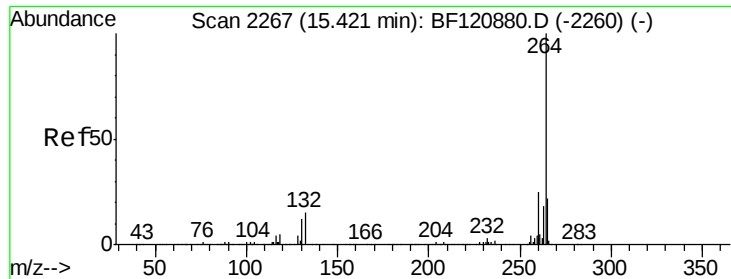


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121131.D
Acq: 30 Jul 2020 16:39

Instrument :
BNA_F
ClientSampleId :
OK-02-072820

Tot Ion:264 Resp: 503726
Ion Ratio Lower Upper
264 100
260 25.7 19.9 29.9
265 21.9 17.8 26.8

