

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121532.D
 Acq On : 8 Sep 2020 20:31
 Operator : JU/CG
 Sample : L3872-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-090420

Quant Time: Sep 09 03:14:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

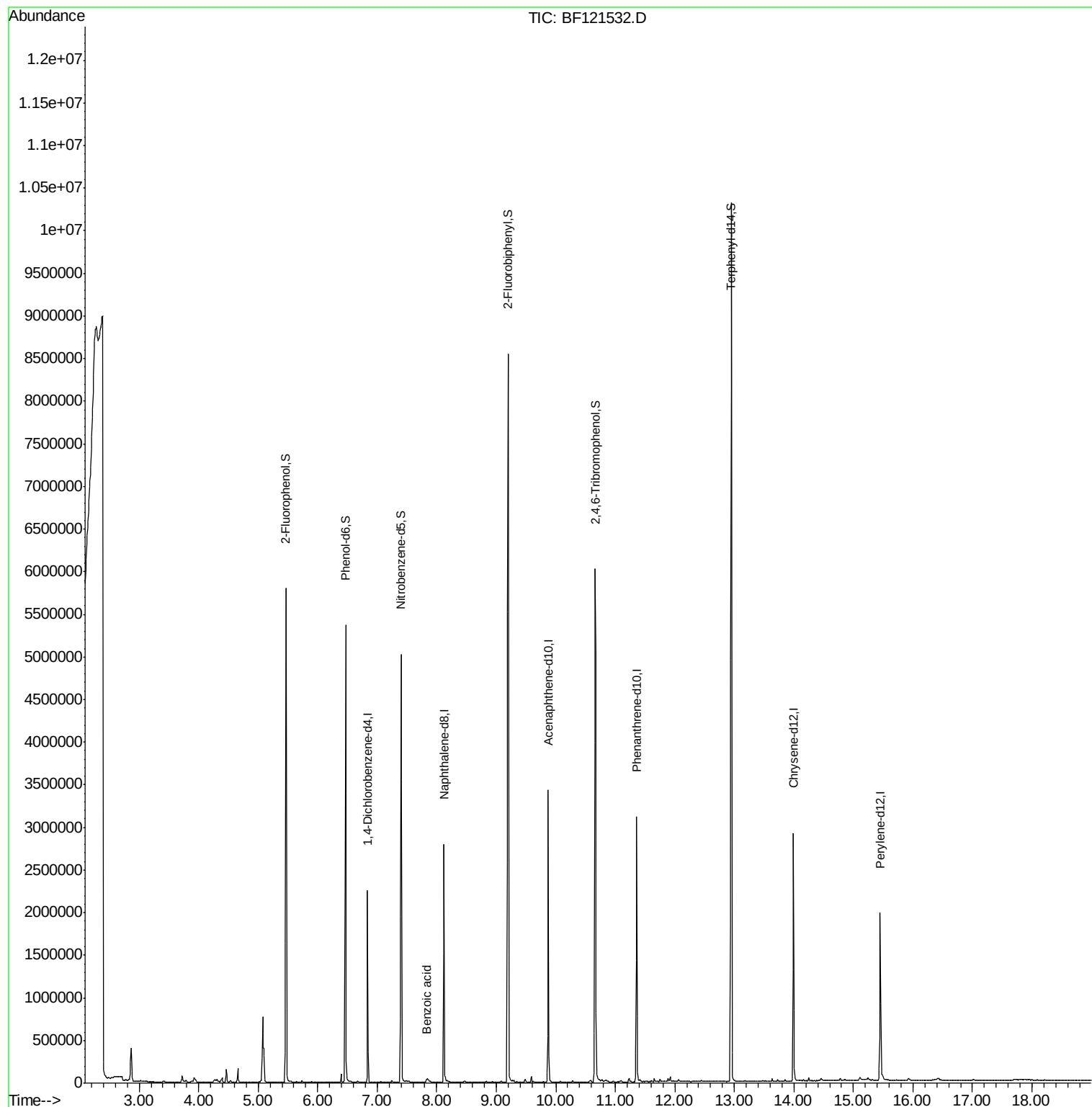
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	323567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1236347	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	656087	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1278435	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	1090525	20.00	ng	-0.02
86) Perylene-d12	15.45	264	927438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1884753	97.73	ng	0.01
7) Phenol-d6	6.47	99	2177726	80.80	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1856985	102.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	990114	149.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3183373	78.29	ng	-0.01
79) Terphenyl-d14	12.95	244	3738212	72.16	ng	0.00
Target Compounds						
32) Benzoic acid	7.83	122	21864	9.265	ng	Qvalue 93

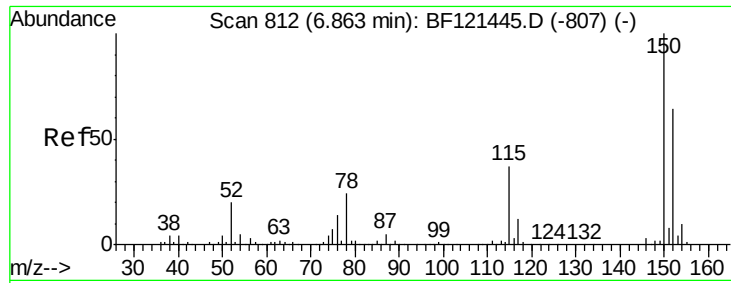
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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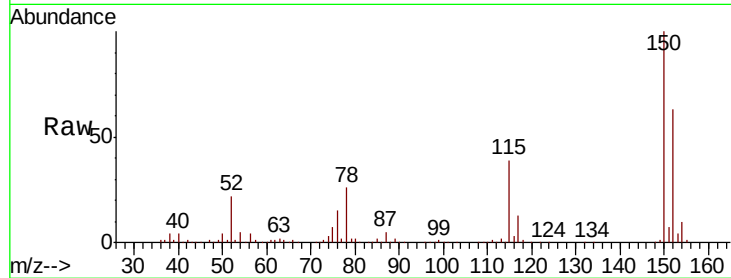


#1

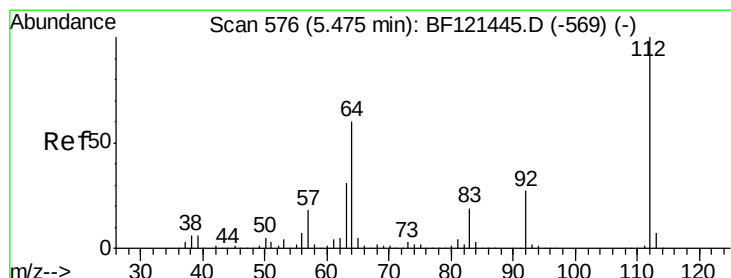
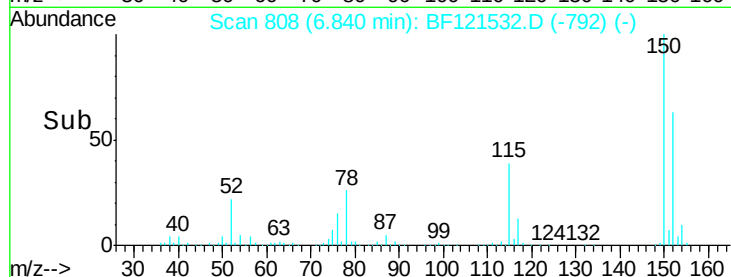
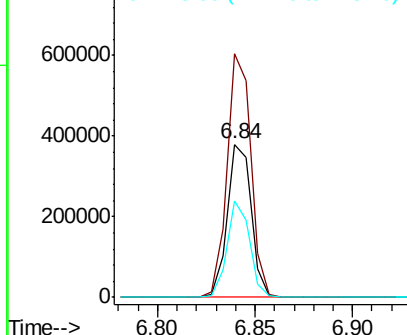
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121532.D
Acq: 8 Sep 2020 20:31

Instrument :
BNA_F
ClientSampleId :
BU-03-090420

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.1	189.1
115	62.6	48.4	72.6



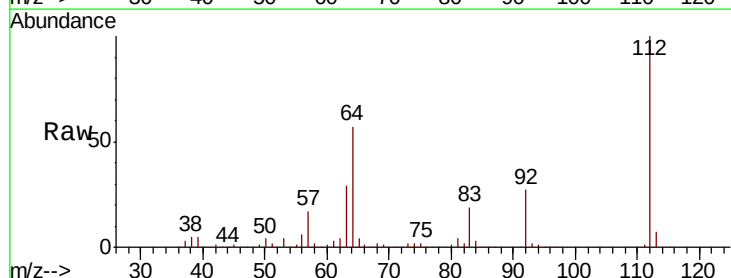
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



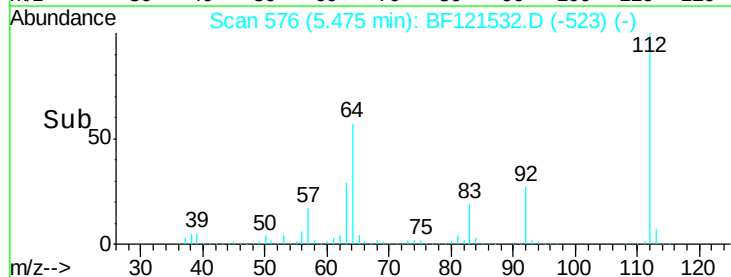
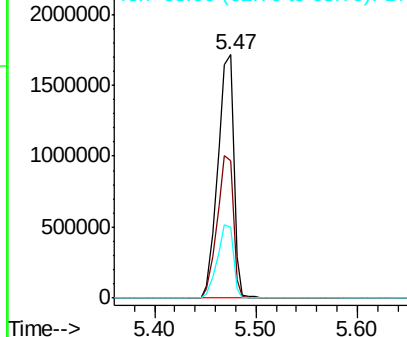
#5

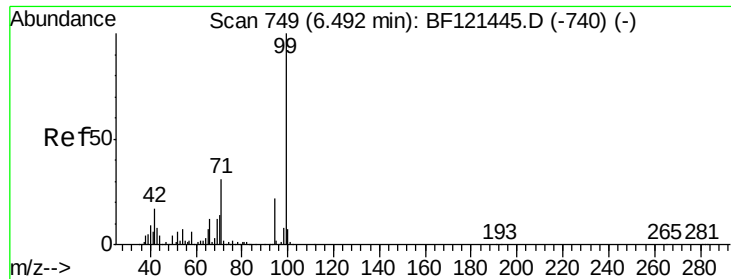
2-Fluorophenol
Concen: 97.727 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121532.D
Acq: 8 Sep 2020 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	28.8	23.4	35.2



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: 80.802 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121532.D

Acq: 8 Sep 2020 20:31

Instrument :

BNA_F

ClientSampleId :

BU-03-090420

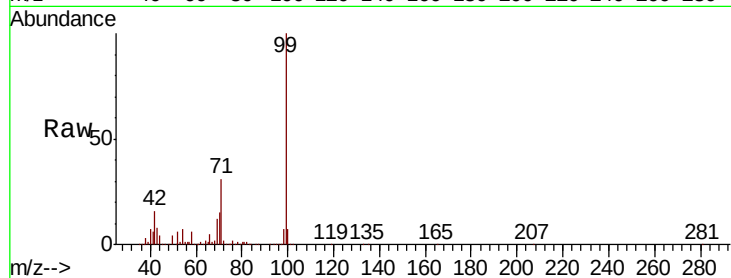
Tot Ion: 99 Resp: 2177726

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.4

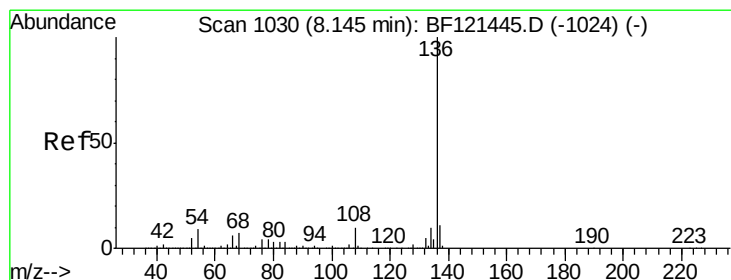
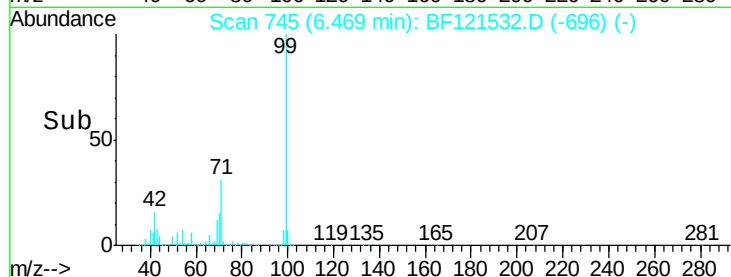
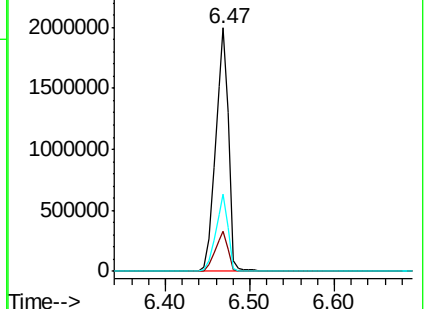
71 31.5 24.8 37.2



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121532.D

Acq: 8 Sep 2020 20:31

Tgt Ion: 136 Resp: 1236347

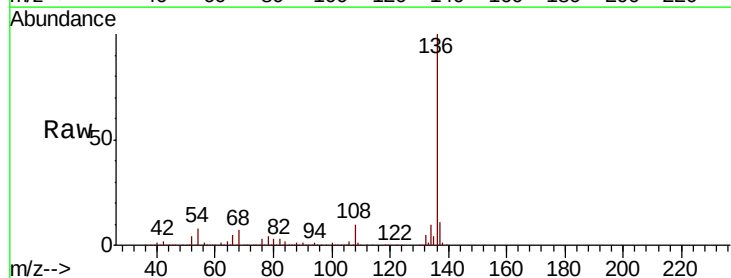
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.5 6.2 9.4

68 6.6 5.1 7.7

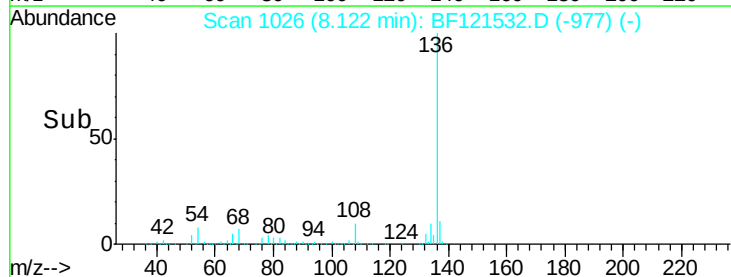
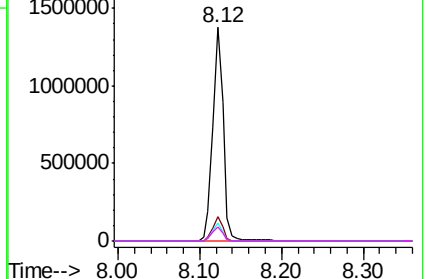


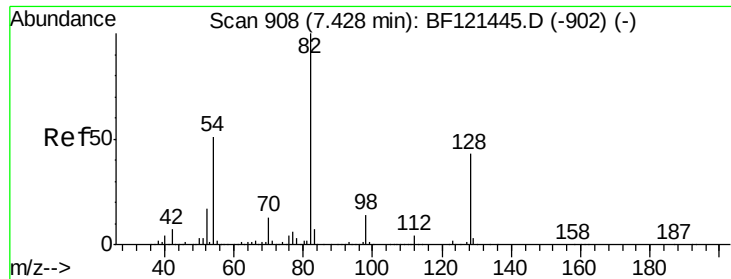
Abundance Ion 136.00 (135.70 to 136.70): E

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

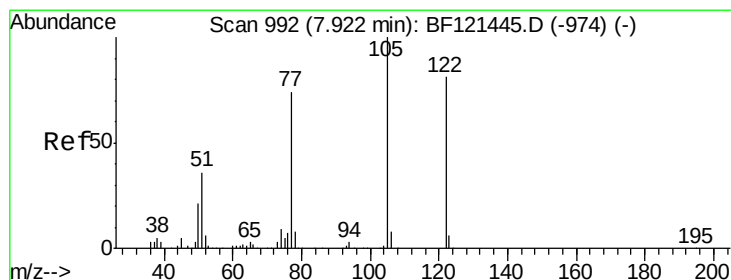
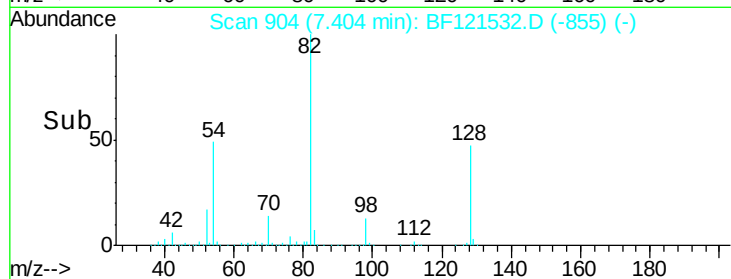
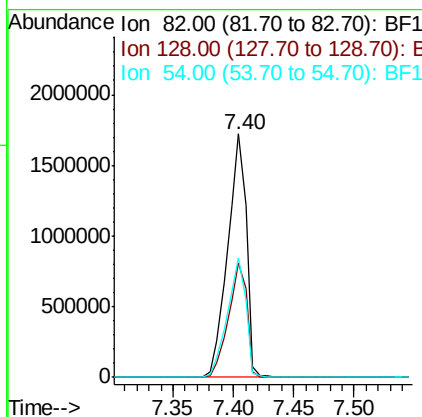
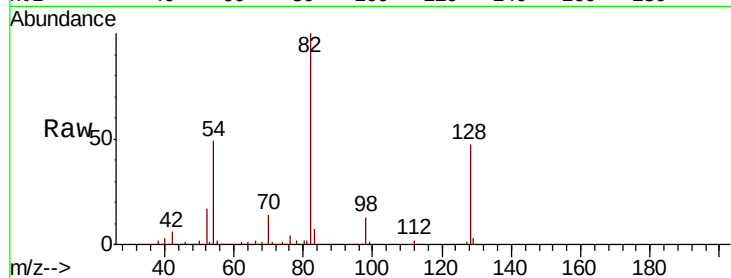




#23
 Nitrobenzene-d5
 Concen: 102.685 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

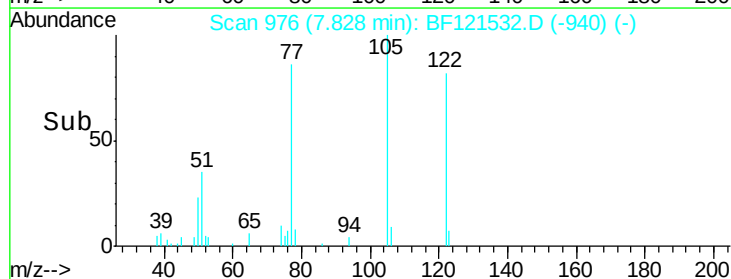
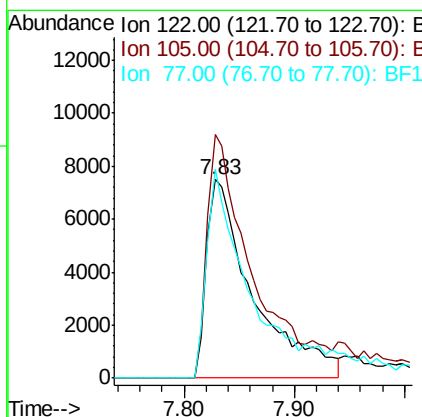
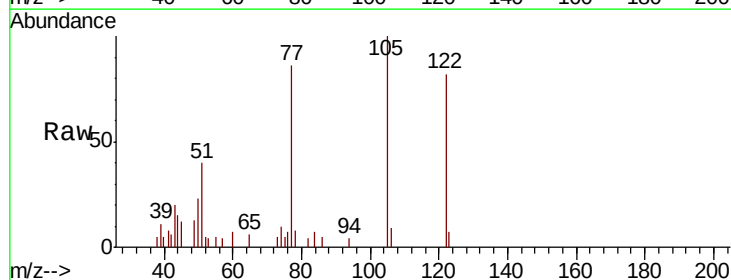
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-090420

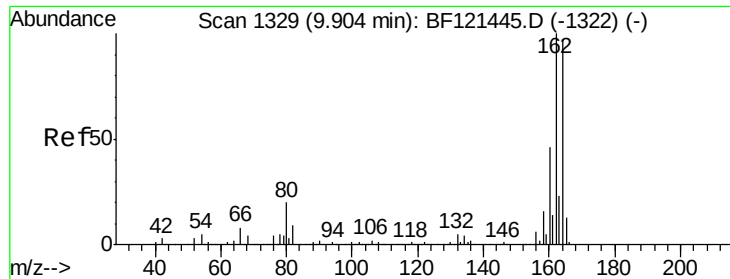
Tot Ion: 82 Resp: 1856985
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.3 55.9
 54 49.2 39.0 58.6



#32
 Benzoic acid
 Concen: 9.265 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.09 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

Tgt Ion:122 Resp: 21864
 Ion Ratio Lower Upper
 122 100
 105 122.5 102.2 142.2
 77 104.9 69.8 109.8

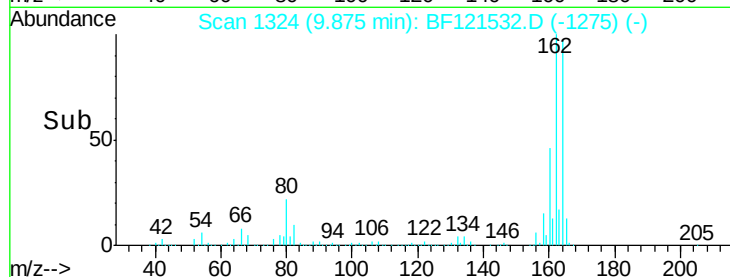
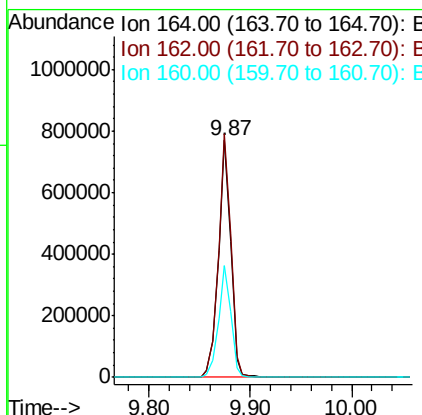
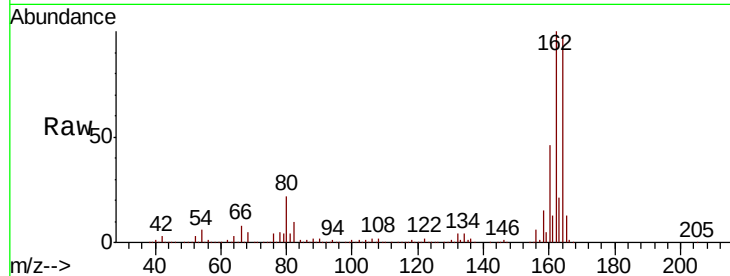




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

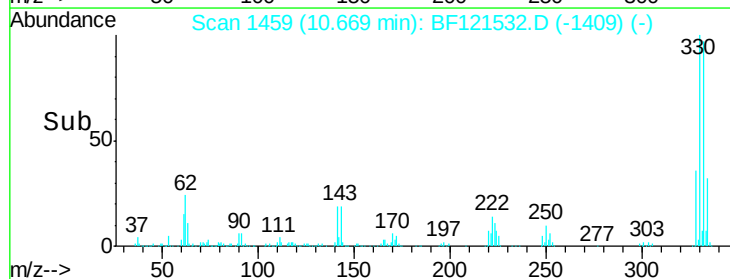
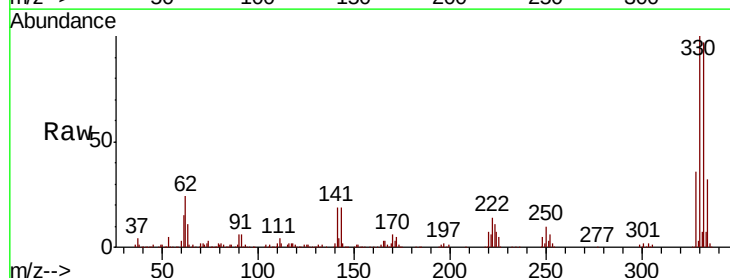
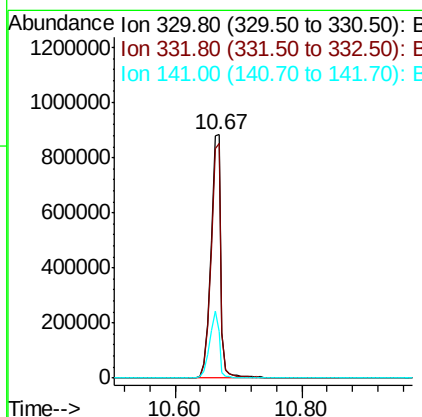
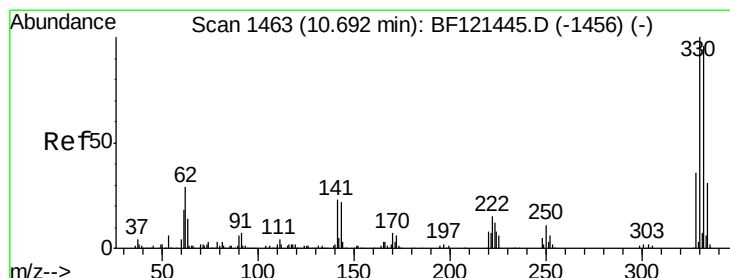
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-090420

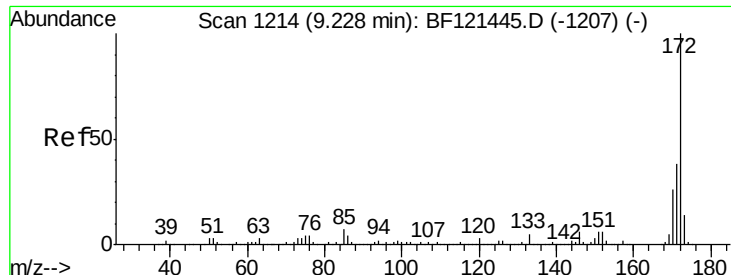
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.5	120.7
160	46.9	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 149.410 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.2
141	27.1	22.6	34.0



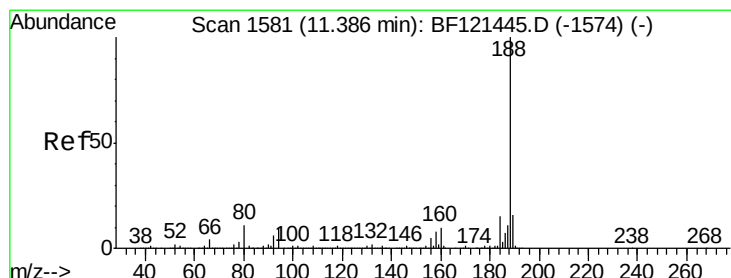
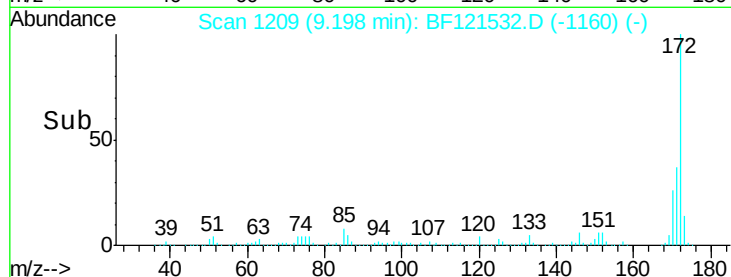
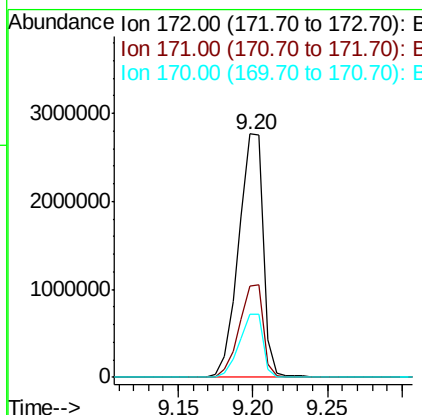
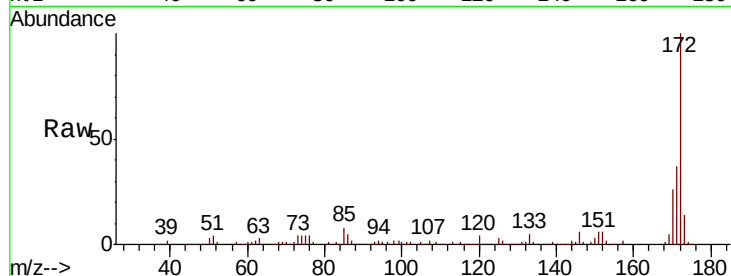


#45
 2-Fluorobiphenyl
 Concen: 78.289 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-090420

Tot Ion:172 Resp: 3183373

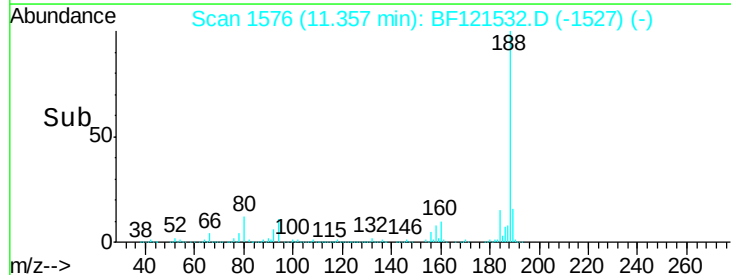
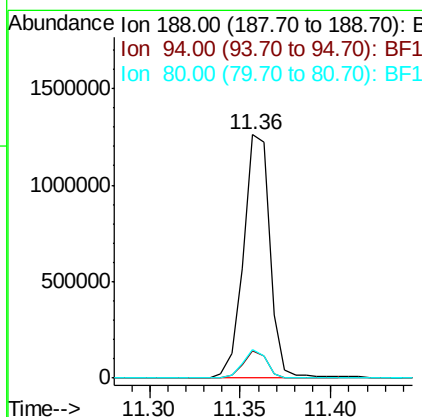
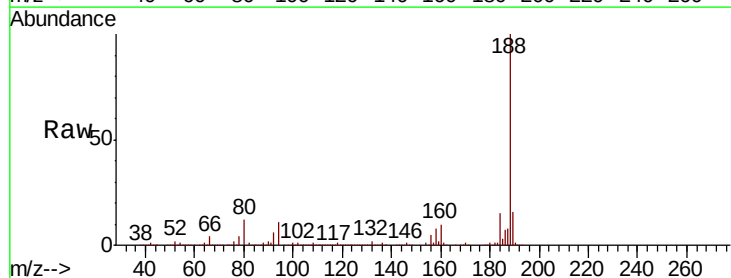
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.4	45.6
170	25.7	20.7	31.1

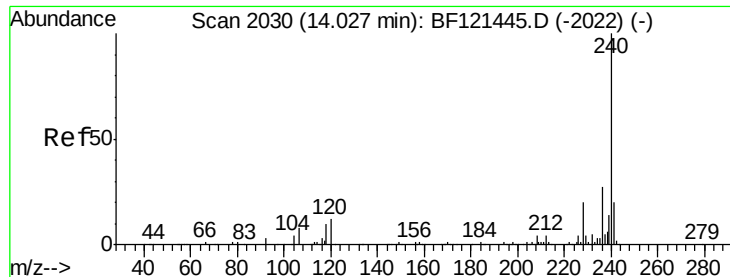


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF121532.D
 Acq: 8 Sep 2020 20:31

Tgt Ion:188 Resp: 1278435

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	11.8	9.1	13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF121532.D

Acq: 8 Sep 2020 20:31

Instrument :

BNA_F

ClientSampleId :

BU-03-090420

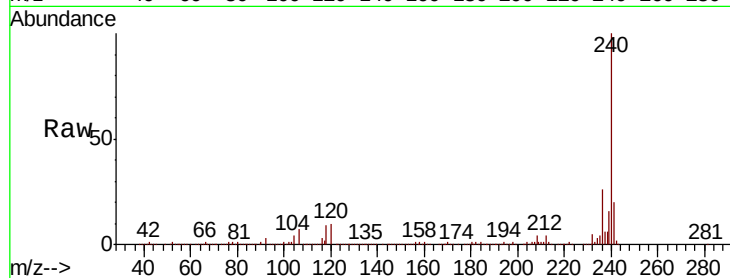
Tot Ion:240 Resp: 1090525

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

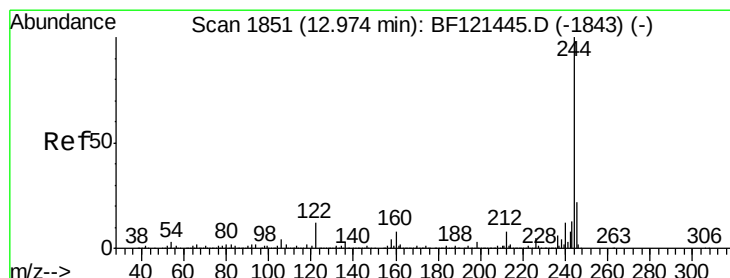
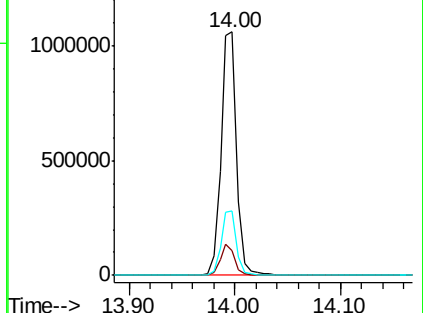
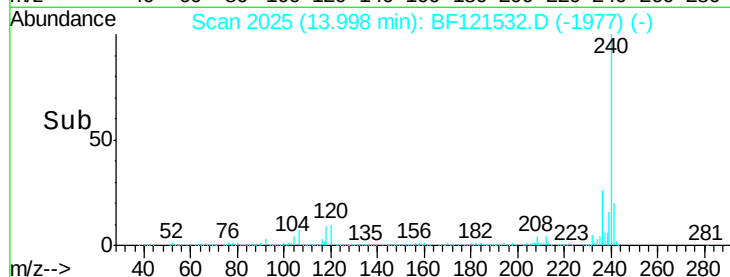
236 26.4 21.4 32.2



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: 72.156 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121532.D

Acq: 8 Sep 2020 20:31

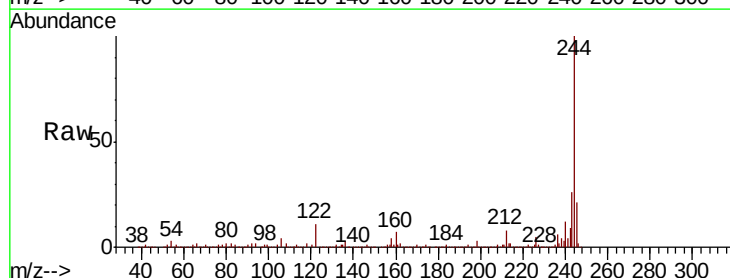
Tgt Ion:244 Resp: 3738212

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

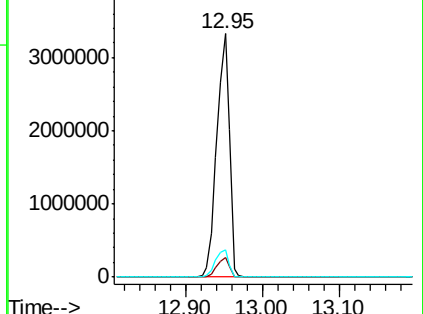
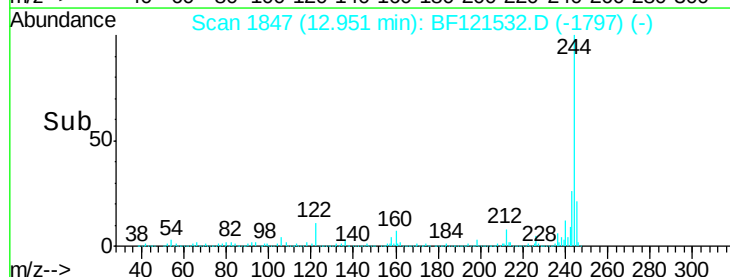
122 11.2 9.3 13.9

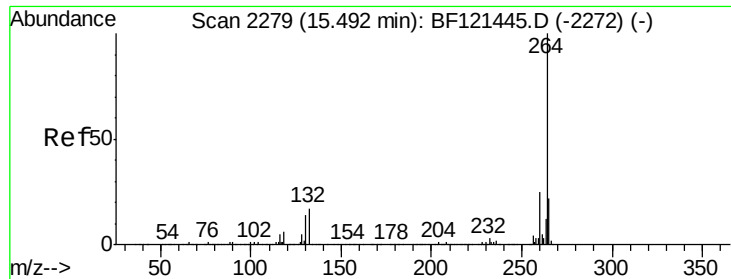


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



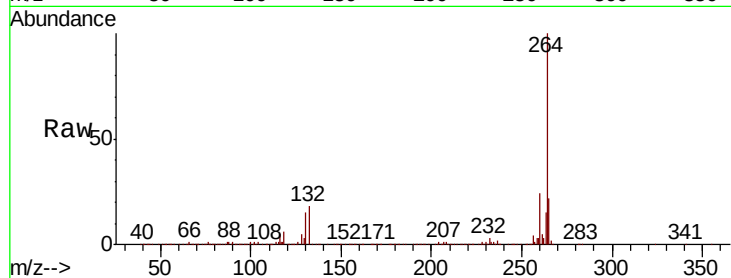


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF121532.D
Acq: 8 Sep 2020 20:31

Instrument :
BNA_F
ClientSampleId :
BU-03-090420

Tot Ion: 264 Resp: 927438

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.6	17.4	26.2



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

