

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121068.D
 Acq On : 28 Jul 2020 14:21
 Operator : JU/CG
 Sample : L3434-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11936

Quant Time: Jul 28 14:52:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

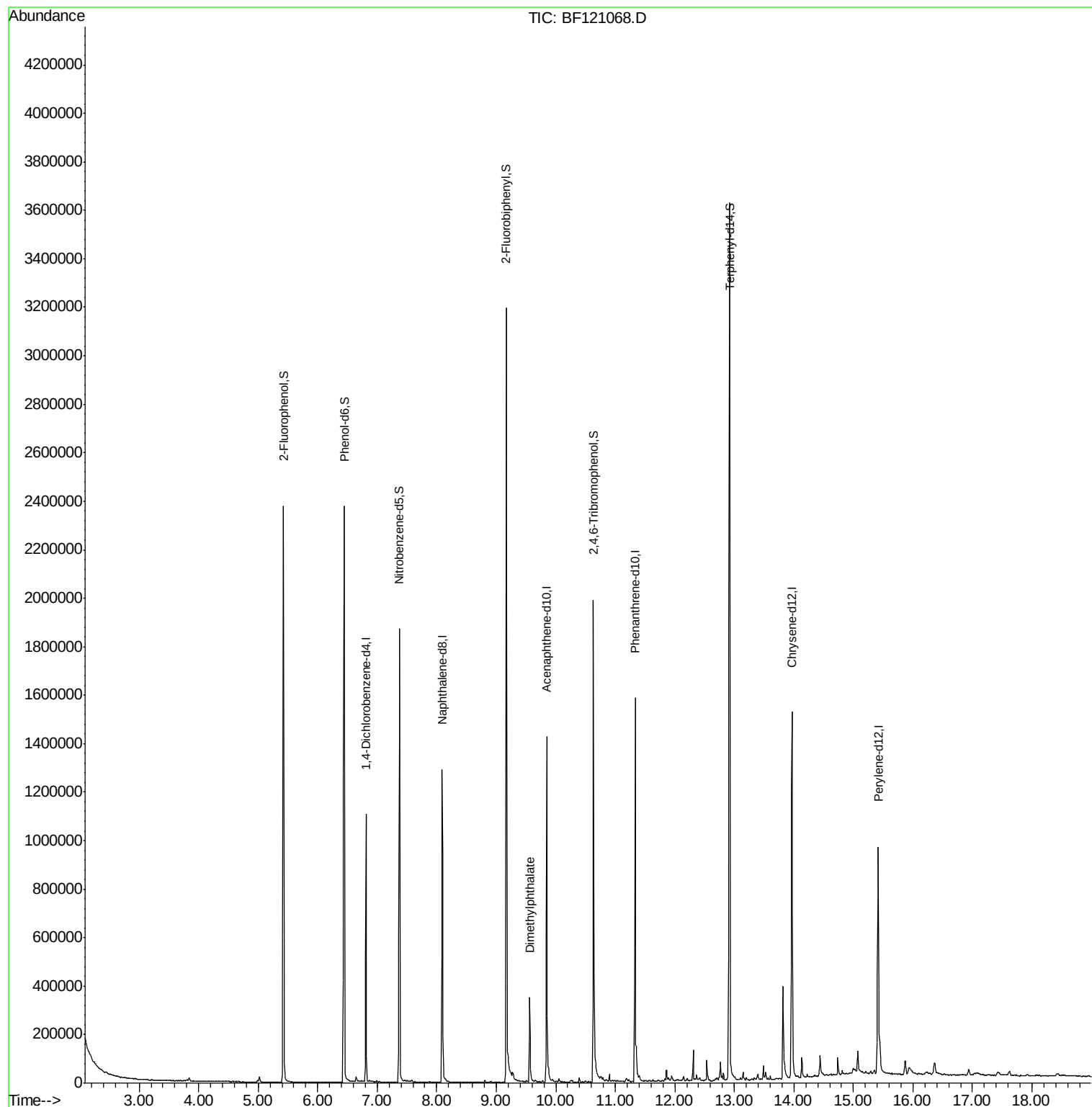
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153446	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	555412	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	313893	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	644802	20.00	ng	0.00
76) Chrysene-d12	13.97	240	559717	20.00	ng	0.00
86) Perylene-d12	15.42	264	500326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	780477	83.38	ng	0.00
7) Phenol-d6	6.45	99	938343	77.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	584307	60.87	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	316249	92.04	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1182563	56.25	ng	0.00
79) Terphenyl-d14	12.92	244	1323341	51.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	154456	6.821	ng	99

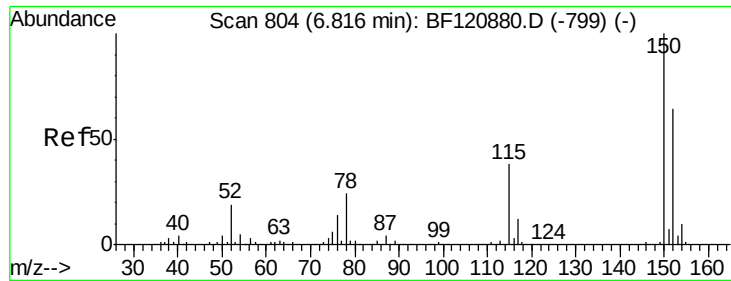
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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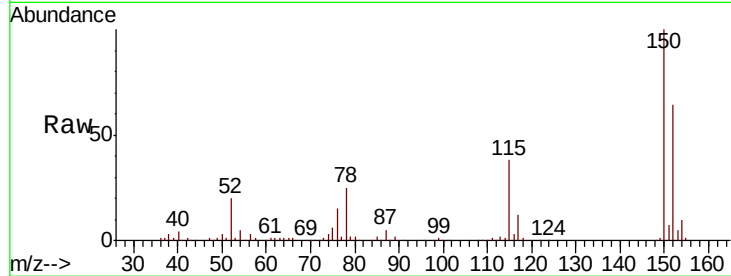


#1

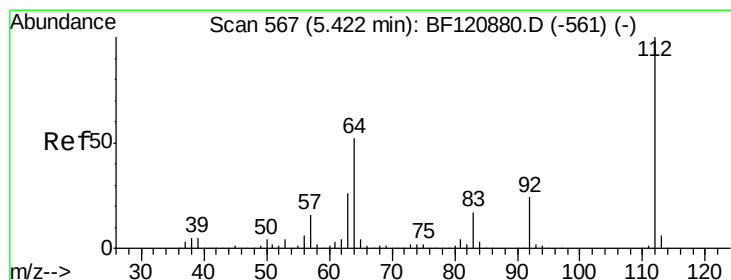
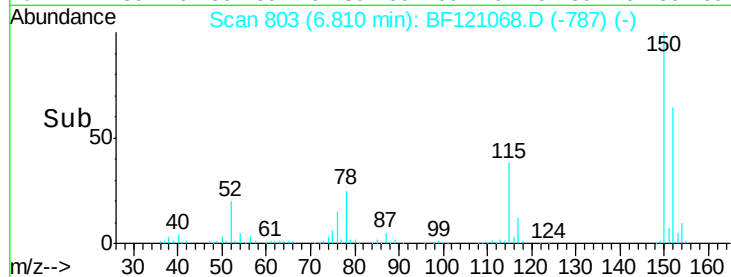
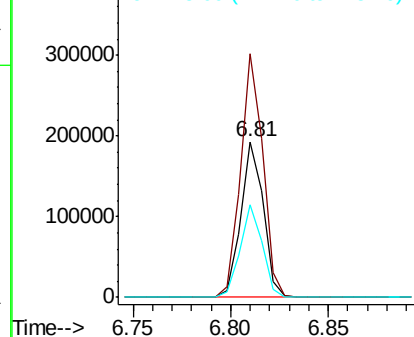
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121068.D
Acq: 28 Jul 2020 14:21

Instrument :
BNA_F
ClientSampleId :
11936

Tot Ion:152 Resp: 153446
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.6
115 59.9 47.0 70.4



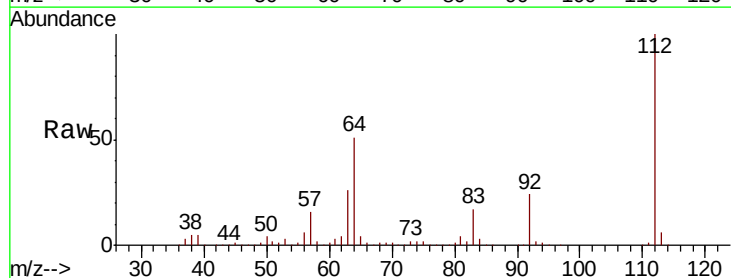
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



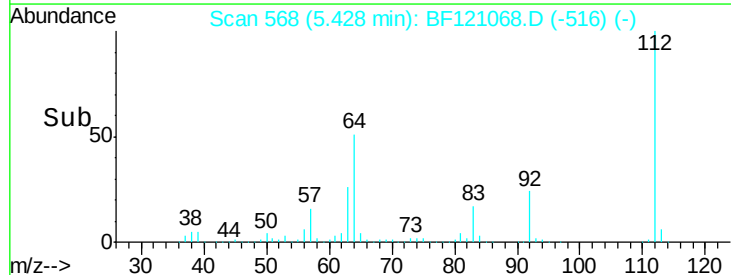
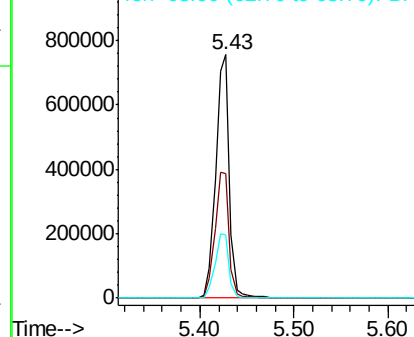
#5

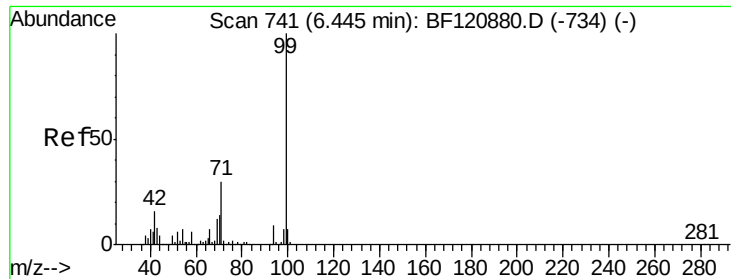
2-Fluorophenol
Concen: 83.383 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121068.D
Acq: 28 Jul 2020 14:21

Tgt Ion:112 Resp: 780477
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 26.2 21.1 31.7



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: 77.607 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

11936

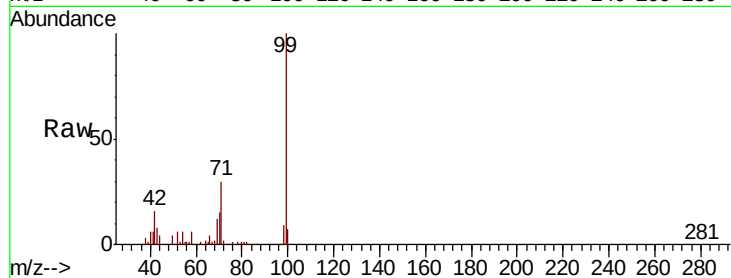
Tot Ion: 99 Resp: 938343

Ion Ratio Lower Upper

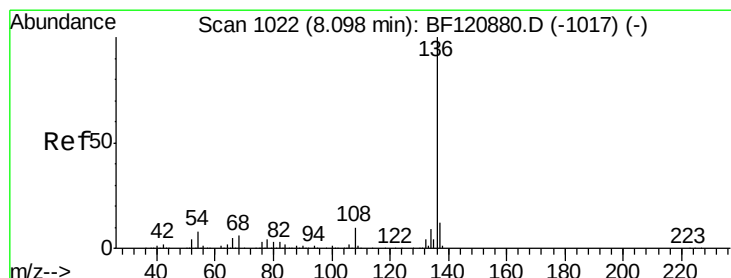
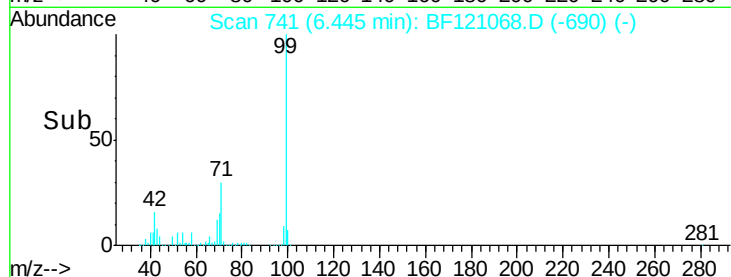
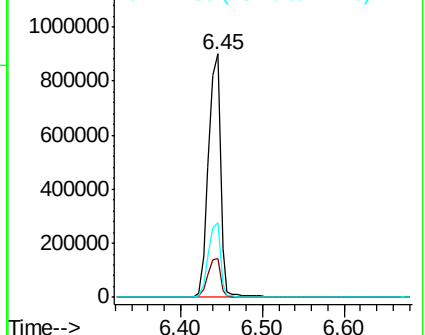
99 100

42 16.1 13.1 19.7

71 30.5 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

Tgt Ion: 136 Resp: 555412

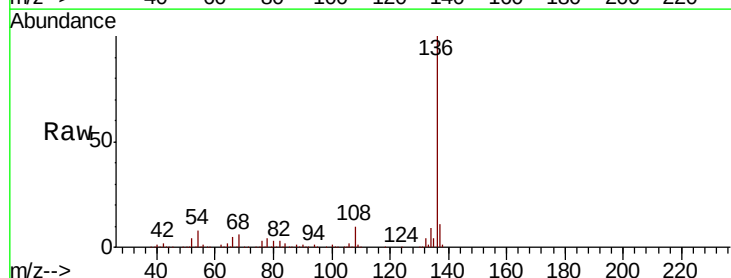
Ion Ratio Lower Upper

136 100

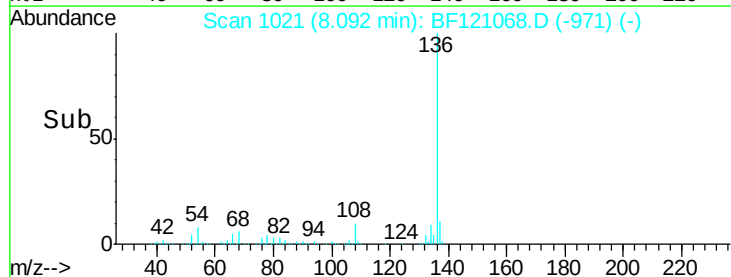
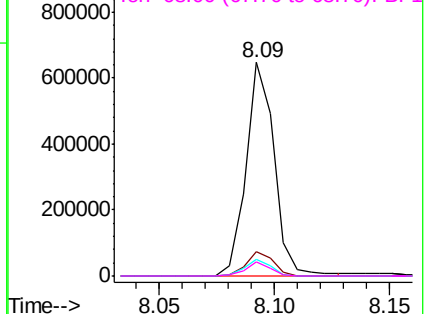
137 11.2 9.3 13.9

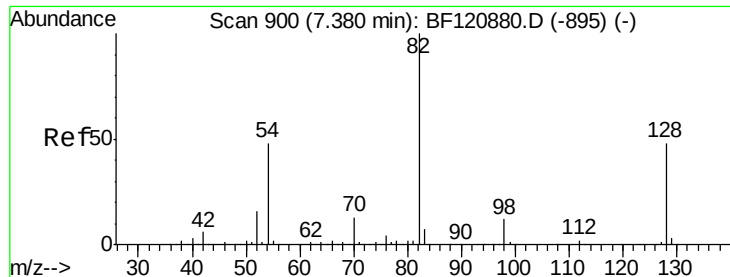
54 7.6 6.3 9.5

68 6.3 5.0 7.4



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

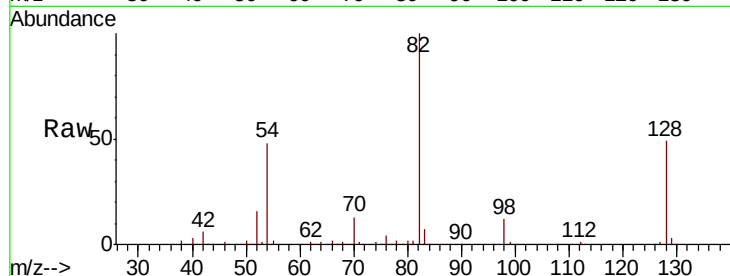




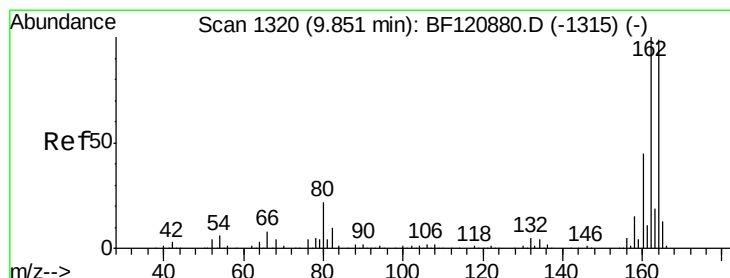
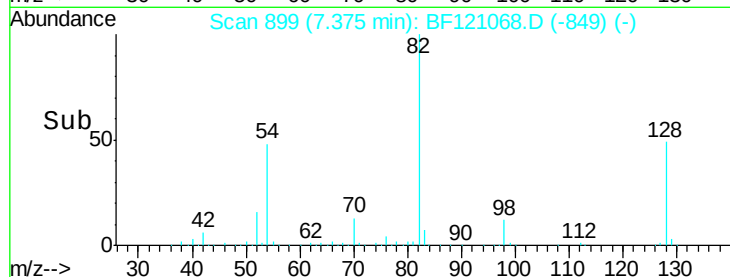
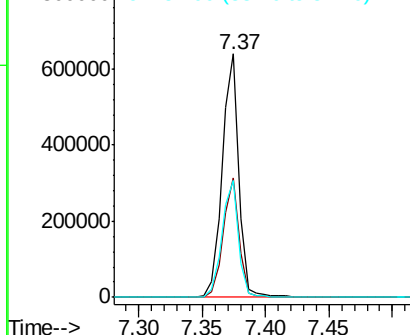
#23
 Nitrobenzene-d5
 Concen: 60.873 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121068.D
 Acq: 28 Jul 2020 14:21

Instrument :
 BNA_F
 ClientSampleId :
 11936

Tot Ion: 82 Resp: 584307
 Ion Ratio Lower Upper
 82 100
 128 49.2 38.2 57.4
 54 48.1 38.7 58.1

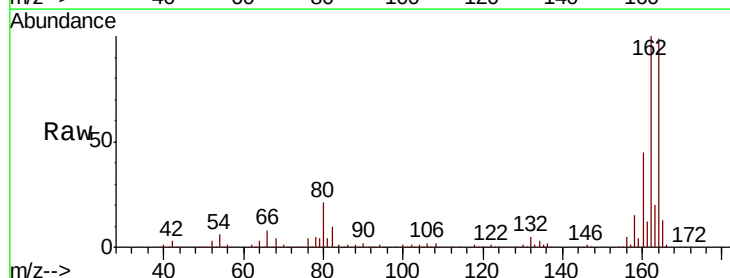


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

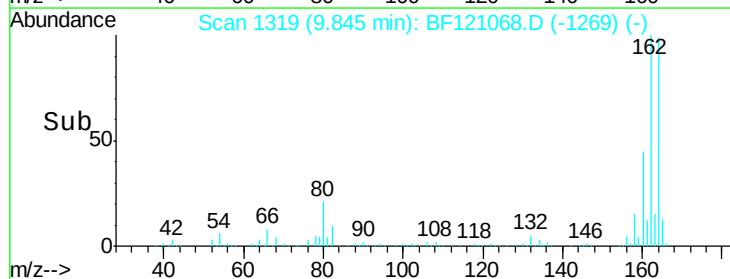
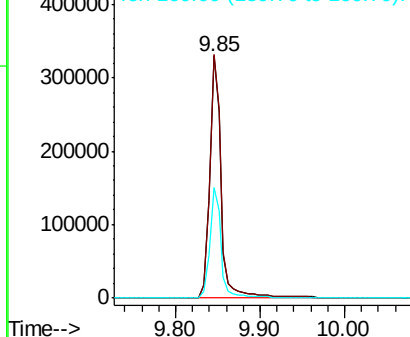


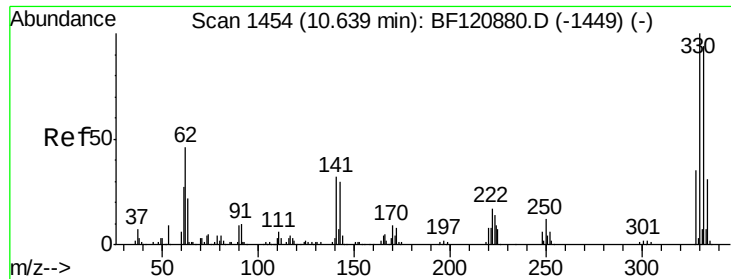
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121068.D
 Acq: 28 Jul 2020 14:21

Tgt Ion: 164 Resp: 313893
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.2 121.8
 160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

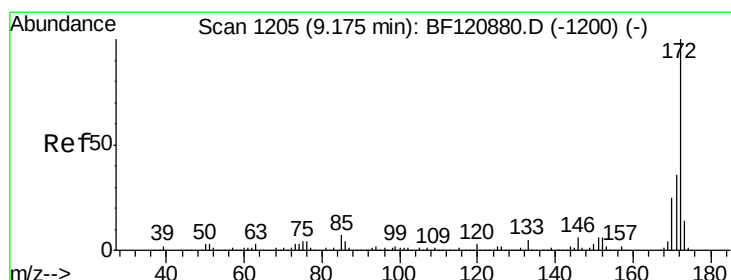
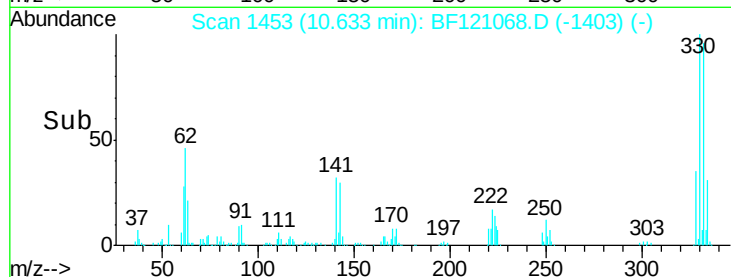
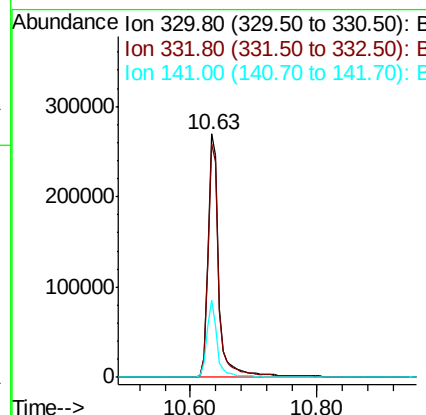
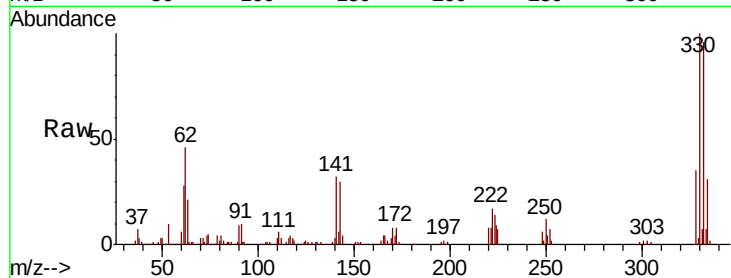




#42
 2,4,6-Tribromophenol
 Concen: 92.043 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF121068.D
 Acq: 28 Jul 2020 14:21

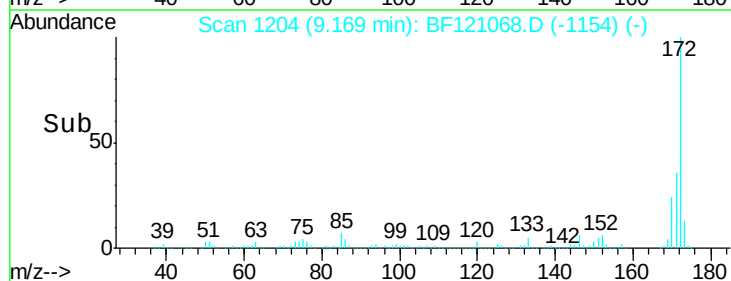
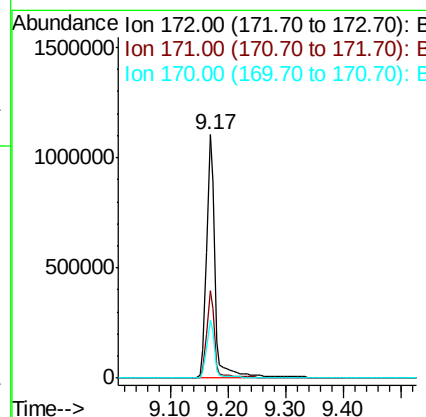
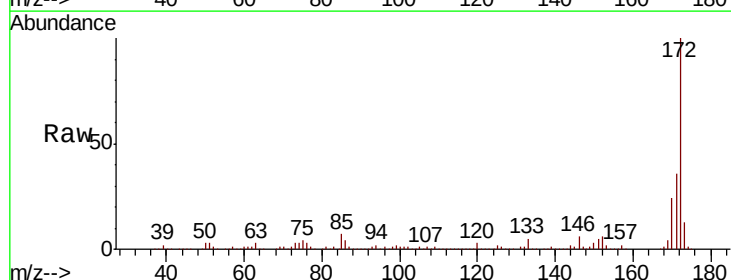
Instrument :
 BNA_F
 ClientSampleId :
 11936

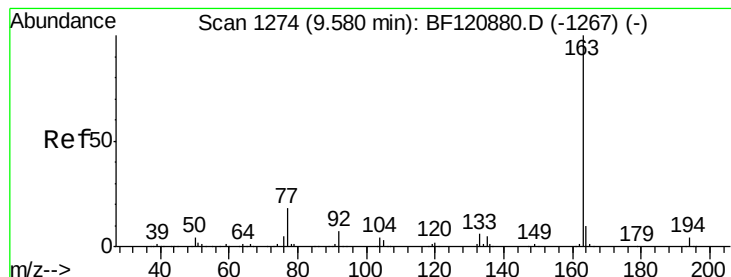
Tot Ion:330 Resp: 316249
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.5 113.3
 141 29.8 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 56.249 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121068.D
 Acq: 28 Jul 2020 14:21

Tgt Ion:172 Resp: 1182563
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.0 19.6 29.4





#50

Dimethylphthalate

Concen: 6.821 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

11936

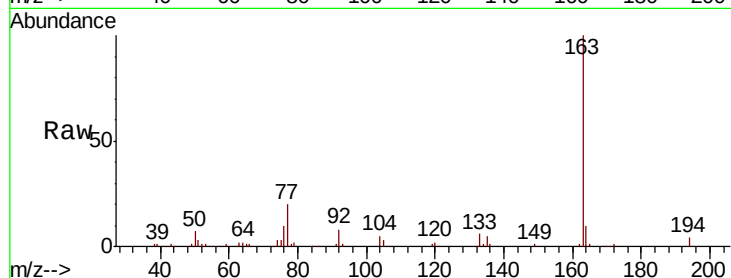
Tot Ion:163 Resp: 154456

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

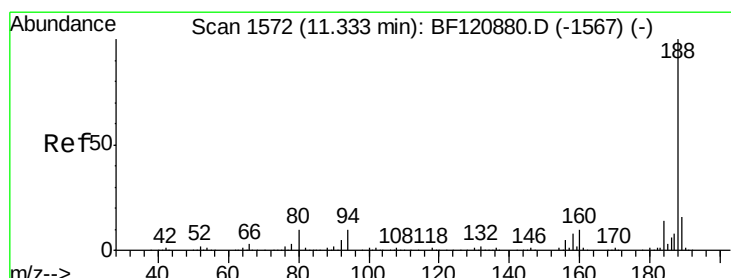
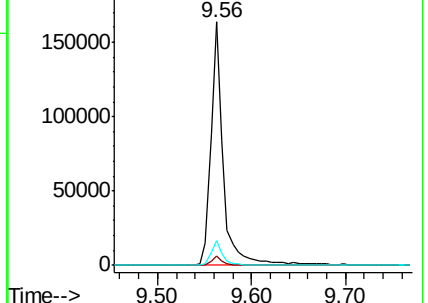
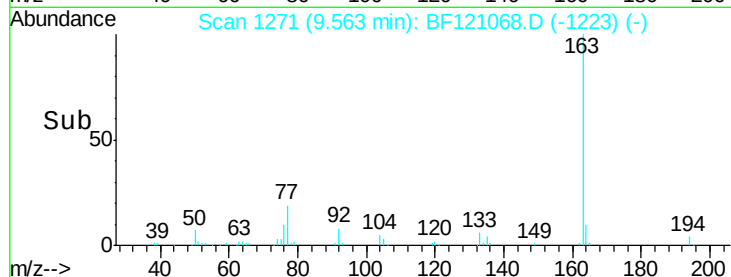
164 10.3 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

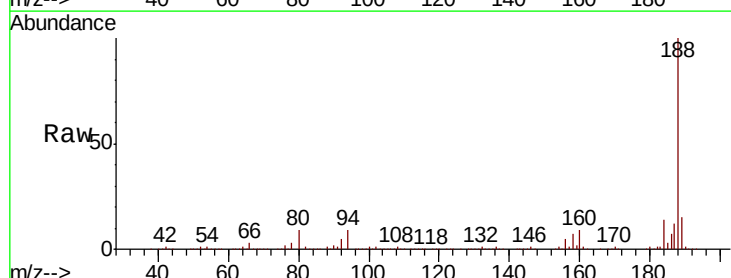
Tgt Ion:188 Resp: 644802

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

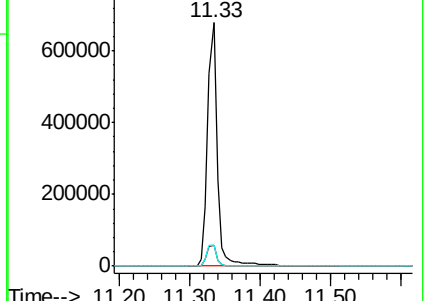
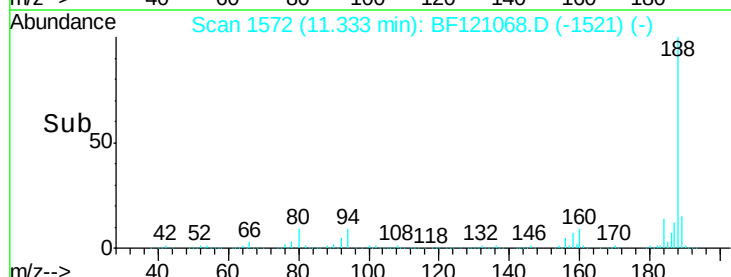
80 8.5 8.3 12.5

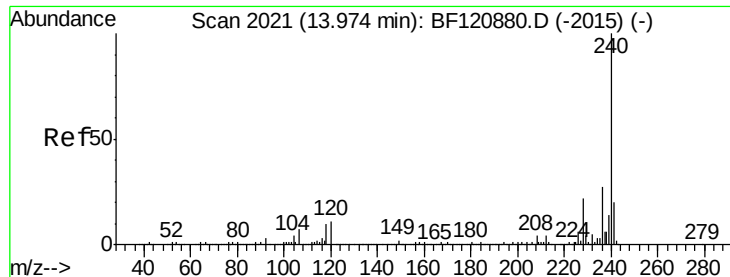


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

11936

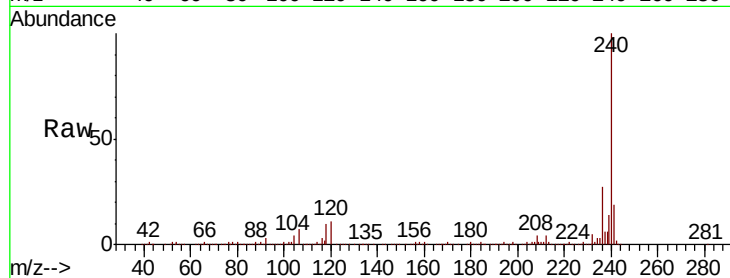
Tot Ion:240 Resp: 559717

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

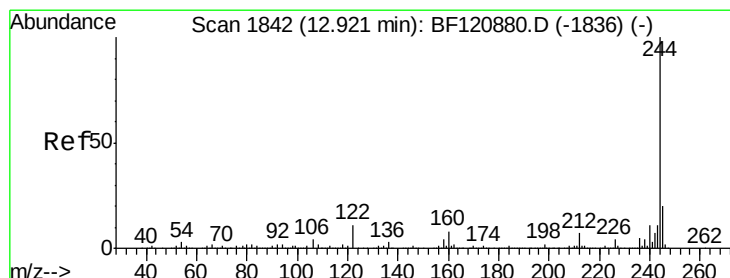
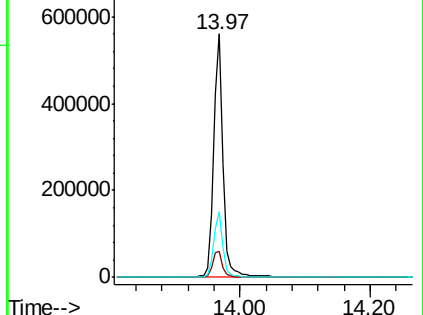
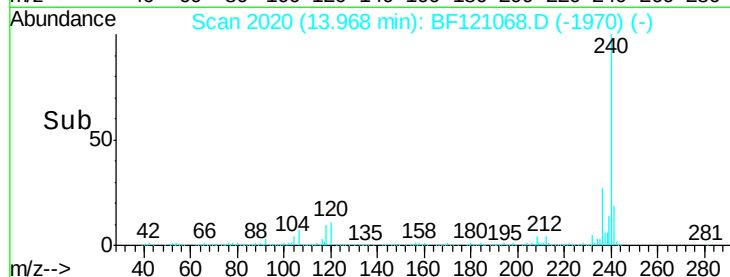
236 27.0 21.7 32.5



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: 51.395 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121068.D

Acq: 28 Jul 2020 14:21

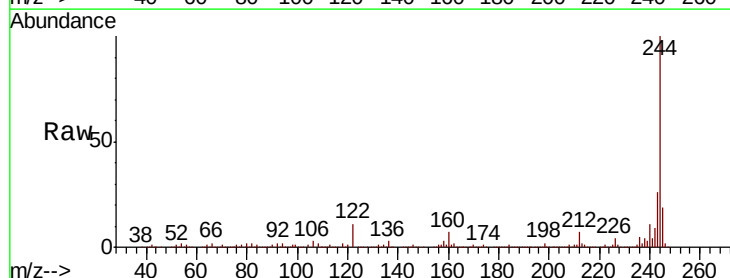
Tgt Ion:244 Resp: 1323341

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

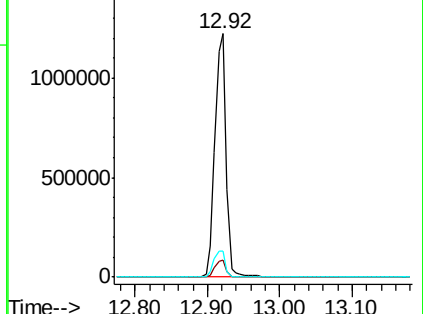
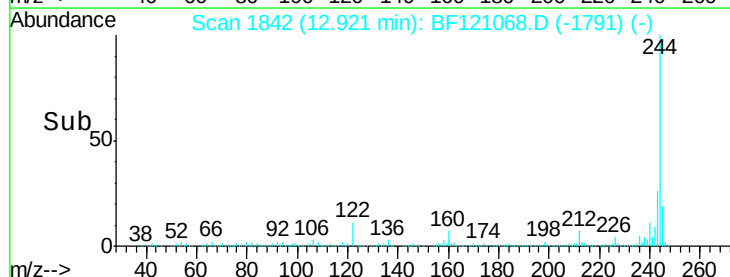
122 10.6 8.9 13.3

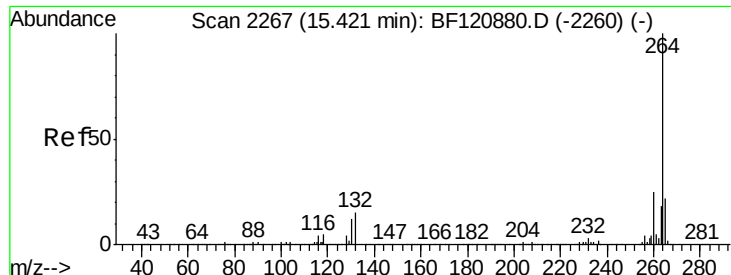


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

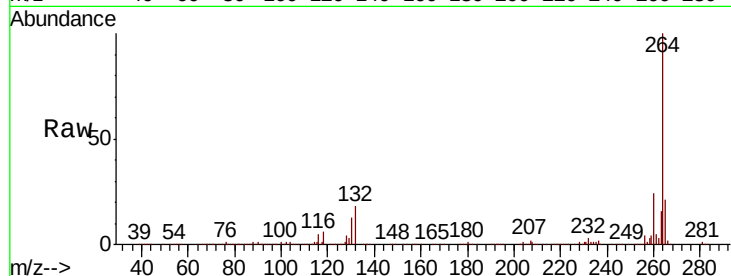




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121068.D
 Acq: 28 Jul 2020 14:21

Instrument :
 BNA_F
 ClientSampleId :
 11936

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.0	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

