

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121002.D
 Acq On : 24 Jul 2020 14:46
 Operator : JU/CG
 Sample : L3381-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 364-GRID-A7-A8

Quant Time: Jul 24 15:18:21 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

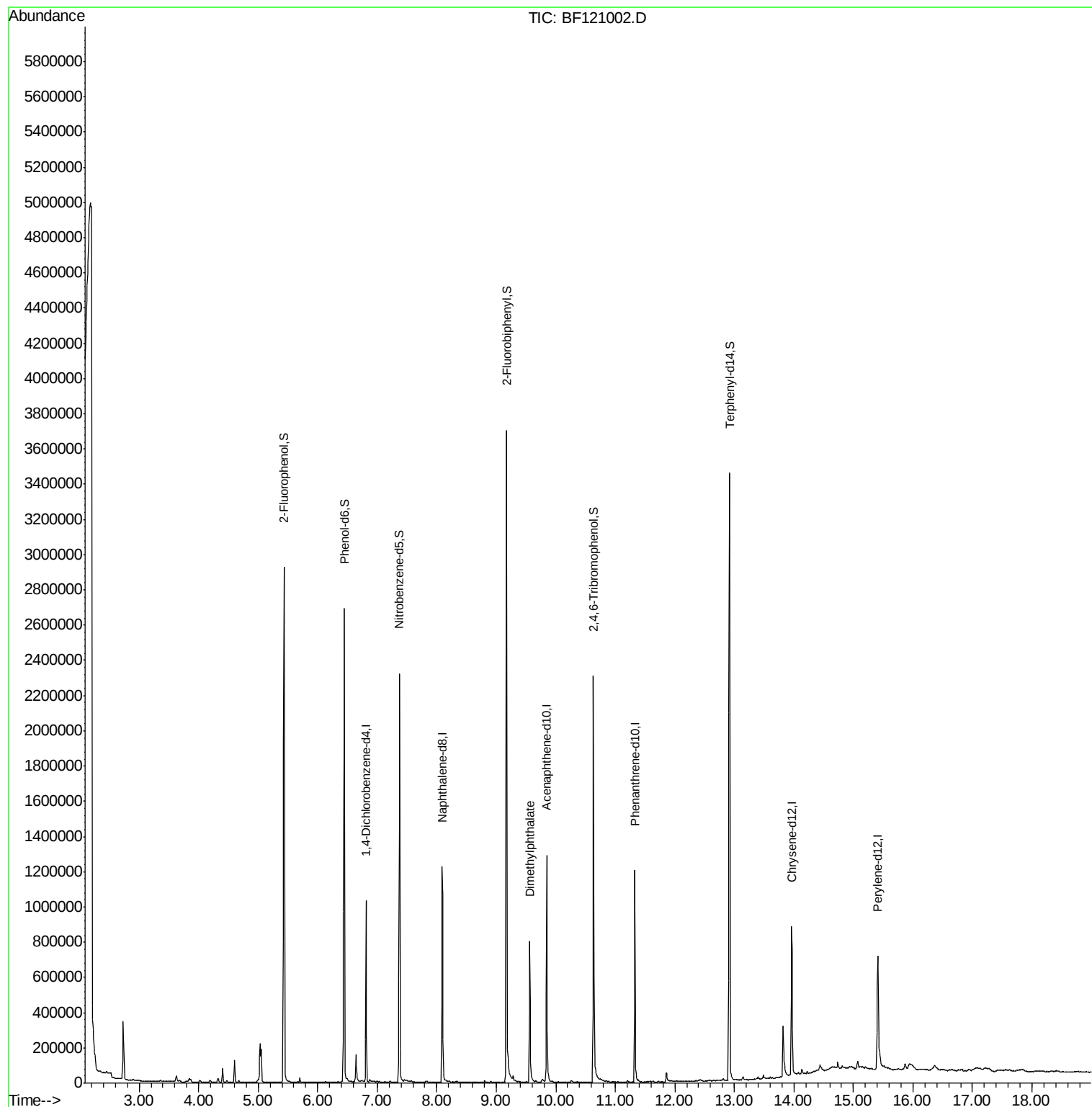
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152318	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	552440	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	288421	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	505781	20.00	ng	0.00
76) Chrysene-d12	13.96	240	330612	20.00	ng	-0.01
86) Perylene-d12	15.41	264	378106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	971216	104.53	ng	0.01
7) Phenol-d6	6.45	99	1027961	85.65	ng	0.00
23) Nitrobenzene-d5	7.37	82	806231	84.45	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	371345	117.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1466261	75.90	ng	0.00
79) Terphenyl-d14	12.92	244	1283067	84.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	336134	16.154	ng	Qvalue 99

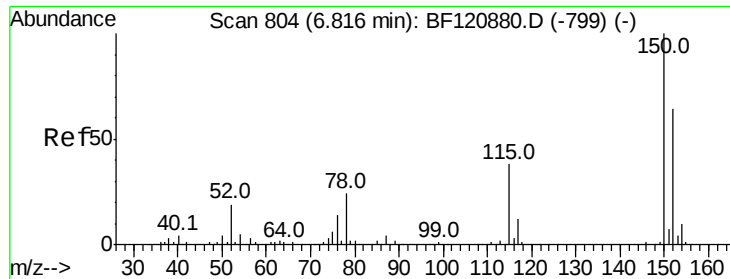
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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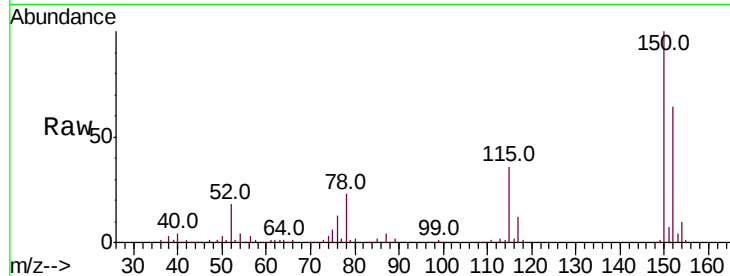


#1

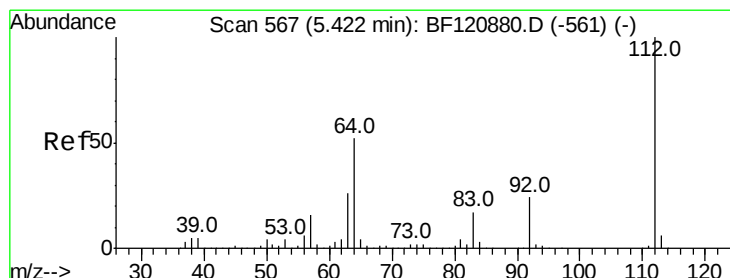
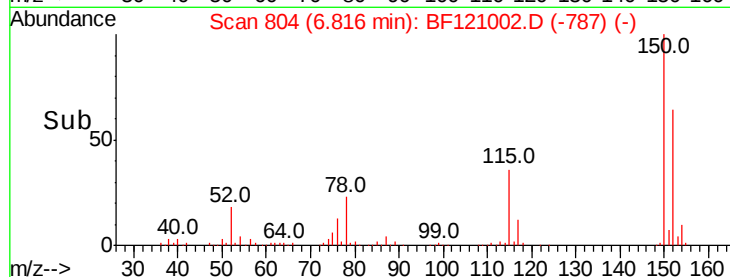
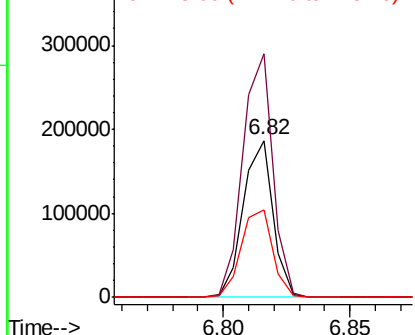
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121002.D
Acq: 24 Jul 2020 14:46

Instrument :
BNA_F
ClientSampleId :
364-GRID-A7-A8

Tot Ion:152 Resp: 152318
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.6
115 56.0 47.0 70.4



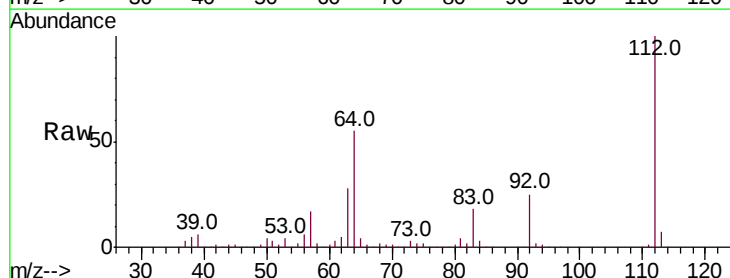
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



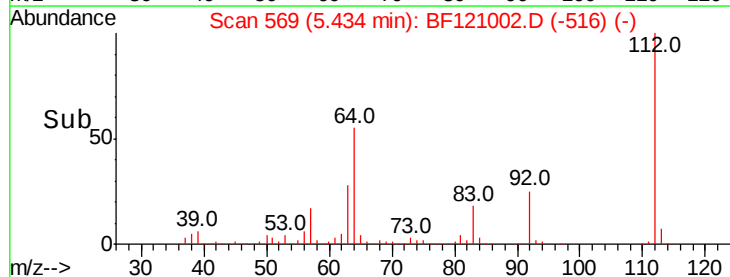
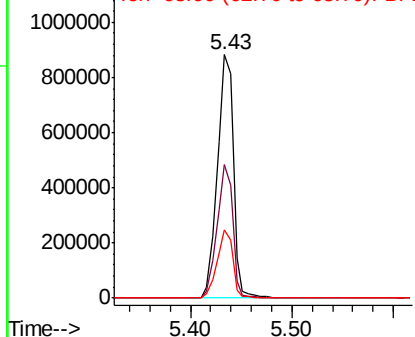
#5

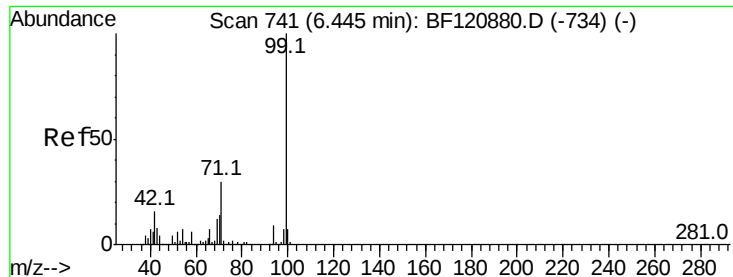
2-Fluorophenol
Concen: 104.529 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121002.D
Acq: 24 Jul 2020 14:46

Tgt Ion:112 Resp: 971216
Ion Ratio Lower Upper
112 100
64 54.7 41.3 61.9
63 28.1 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: 85.649 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121002.D

Acq: 24 Jul 2020 14:46

Instrument :

BNA_F

ClientSampleId :

364-GRID-A7-A8

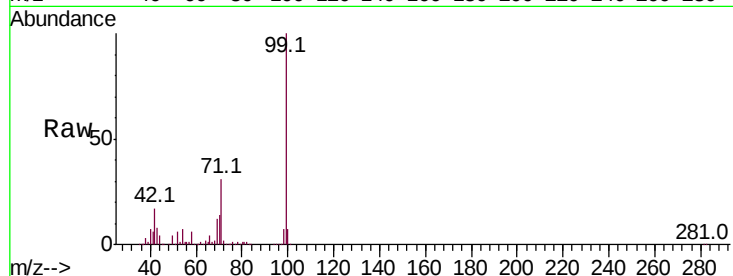
Tot Ion: 99 Resp: 1027961

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

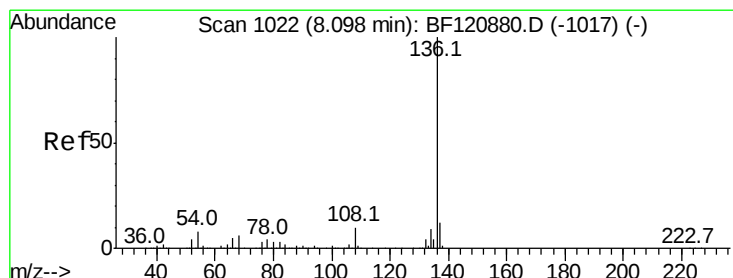
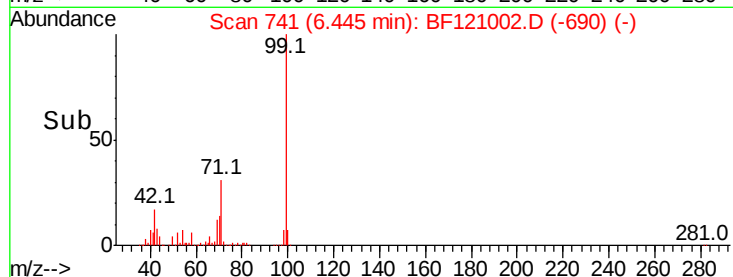
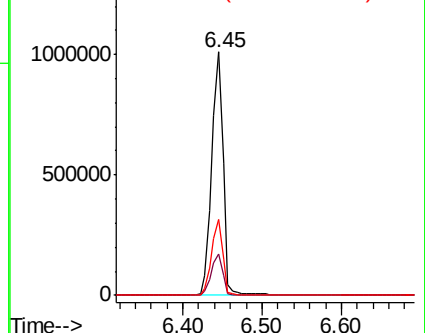
71 31.2 24.2 36.4



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: BF121002.D

Acq: 24 Jul 2020 14:46

Tgt Ion: 136 Resp: 552440

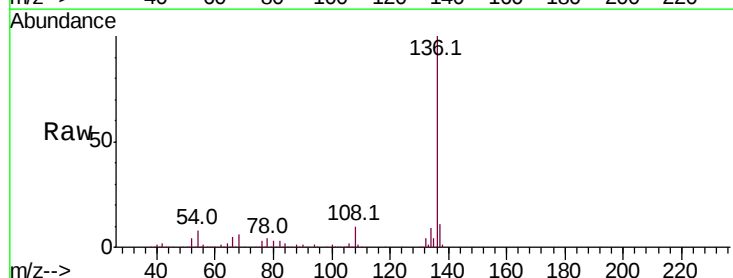
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.9 6.3 9.5

68 6.1 5.0 7.4

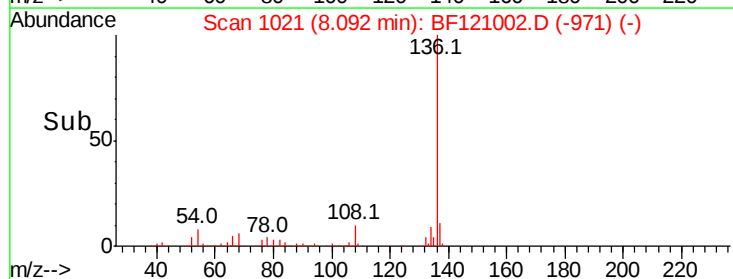
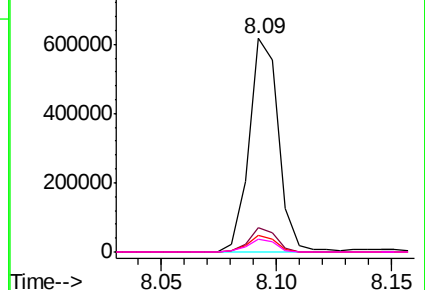


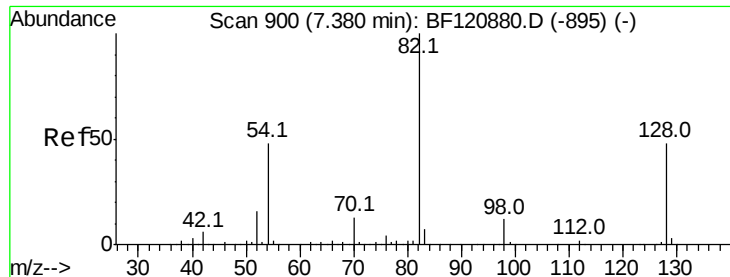
Abundance Ion 136.00 (135.70 to 136.70): E

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

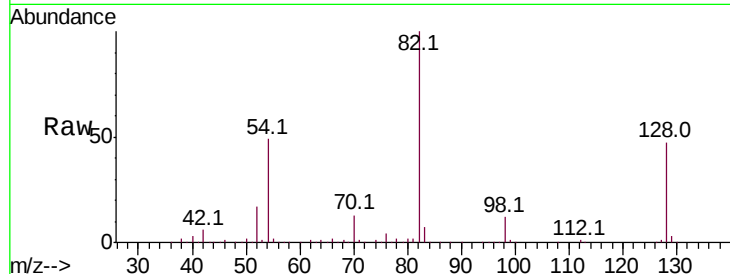




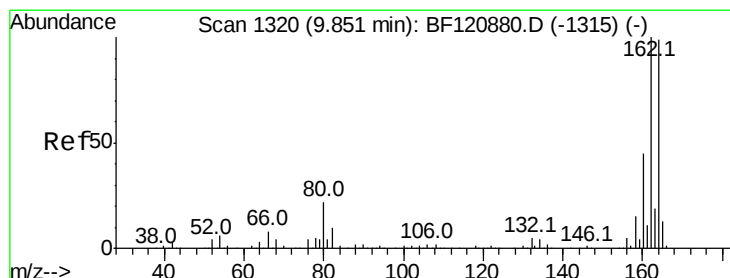
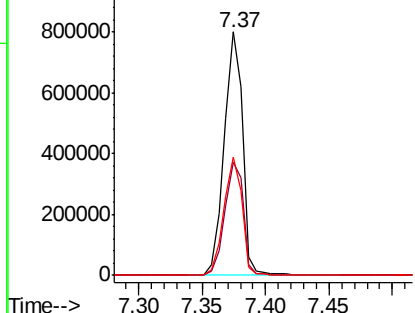
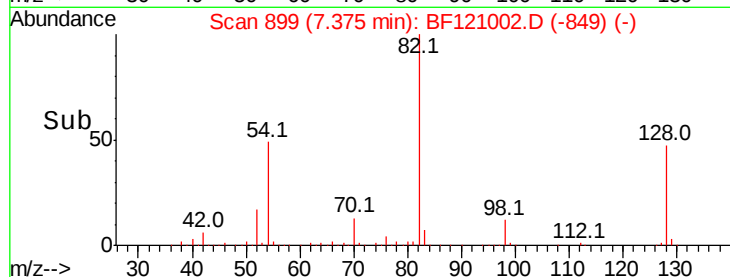
#23
 Nitrobenzene-d5
 Concen: 84.445 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 364-GRID-A7-A8

Tot Ion: 82 Resp: 806231
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.2 57.4
 54 48.8 38.7 58.1

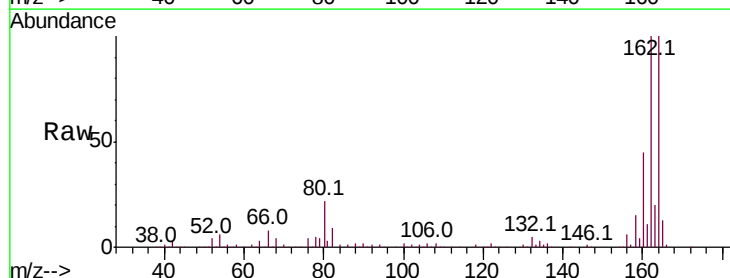


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

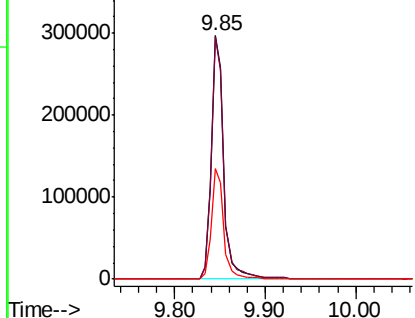
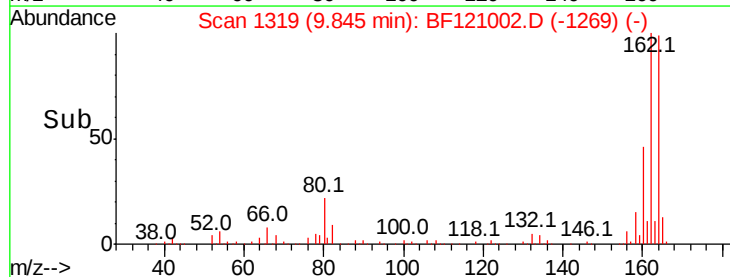


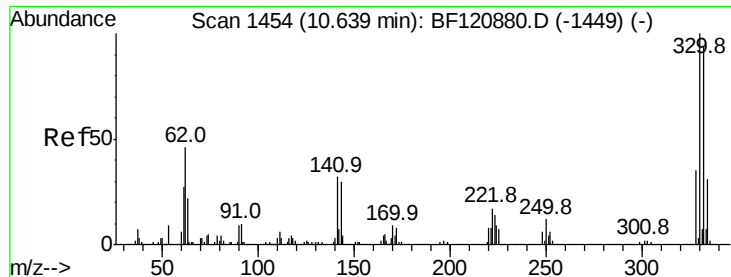
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

Tgt Ion:164 Resp: 288421
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.2 121.8
 160 45.4 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

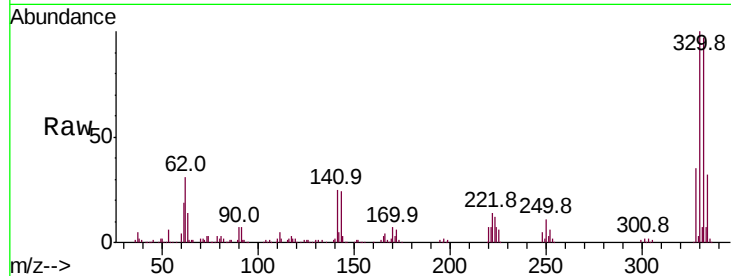




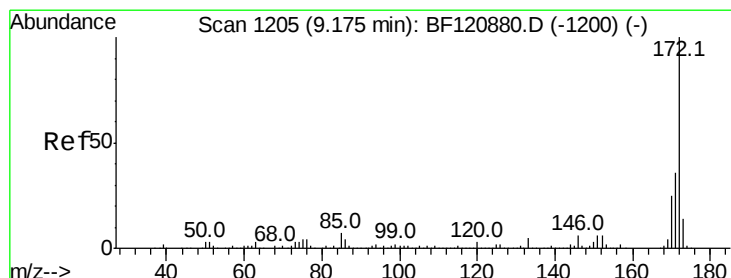
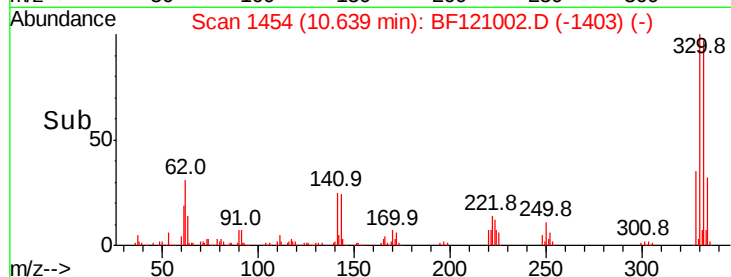
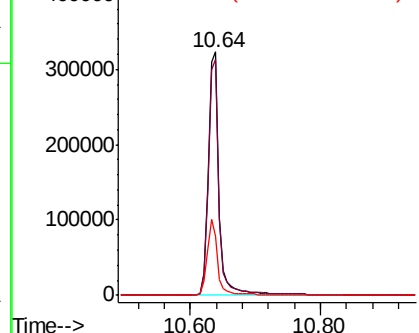
#42
 2,4,6-Tribromophenol
 Concen: 117.624 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

Instrument :
 BNA_F
 ClientSampleId :
 364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	31.1	25.7	38.5

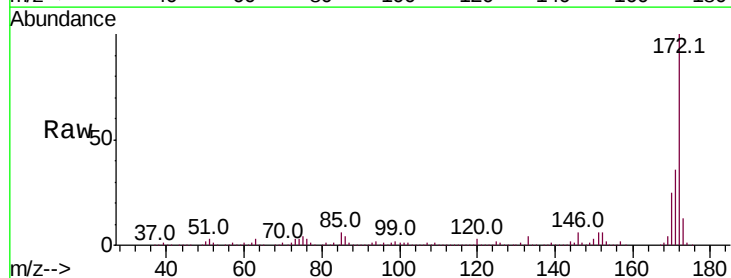


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

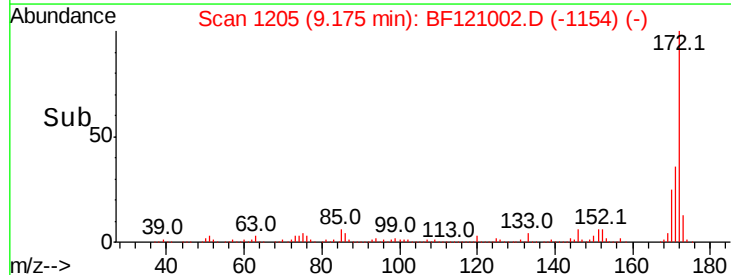
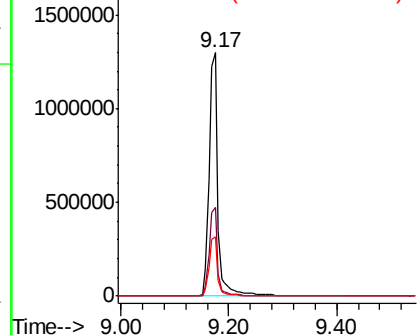


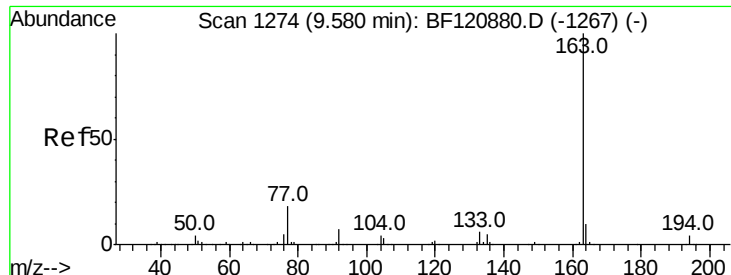
#45
 2-Fluorobiphenyl
 Concen: 75.903 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.154 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121002.D

Acq: 24 Jul 2020 14:46

Instrument :

BNA_F

ClientSampleId :

364-GRID-A7-A8

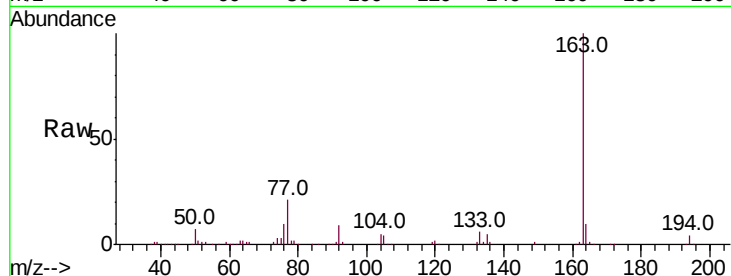
Tot Ion:163 Resp: 336134

Ion Ratio Lower Upper

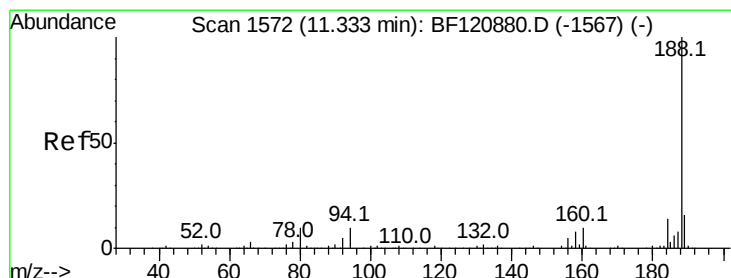
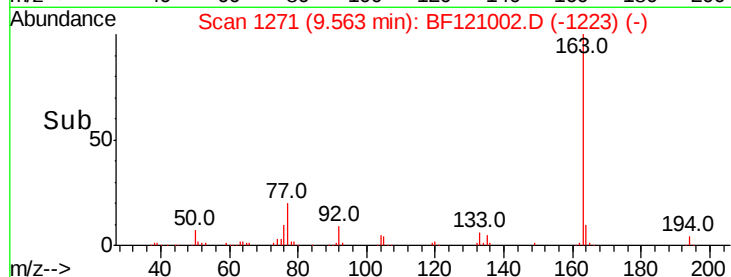
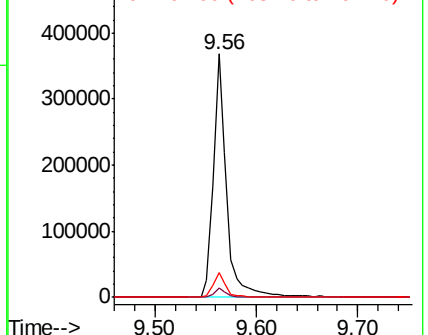
163 100

194 3.7 3.2 4.8

164 10.4 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: BF121002.D

Acq: 24 Jul 2020 14:46

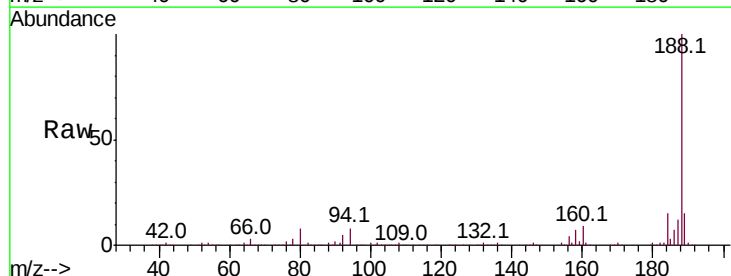
Tgt Ion:188 Resp: 505781

Ion Ratio Lower Upper

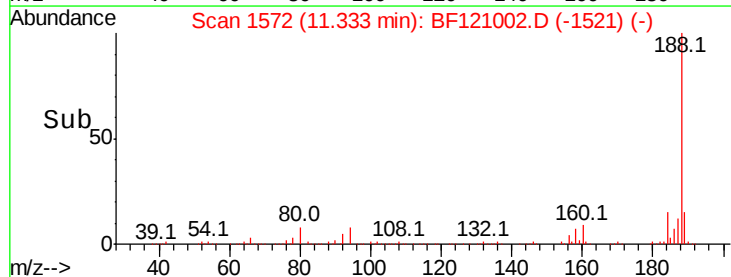
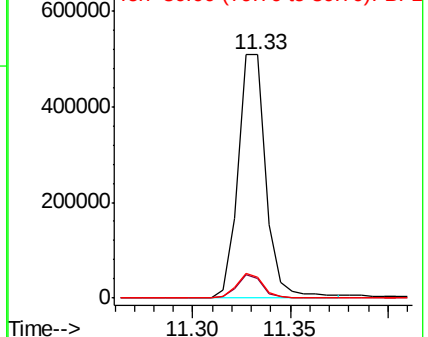
188 100

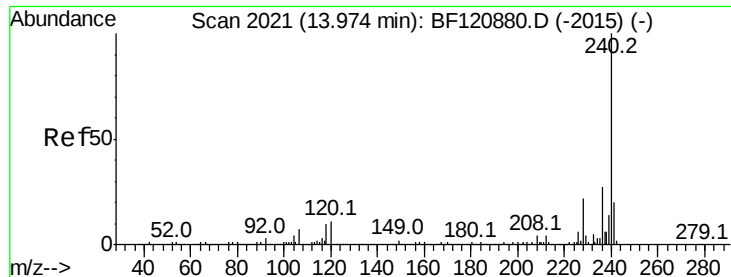
94 8.0 8.0 12.0#

80 8.4 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

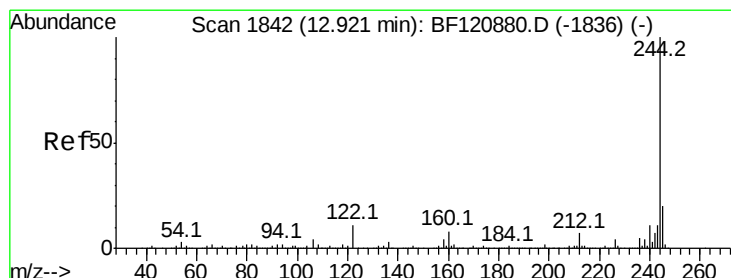
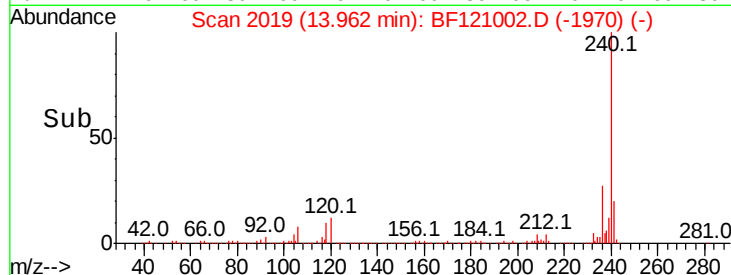
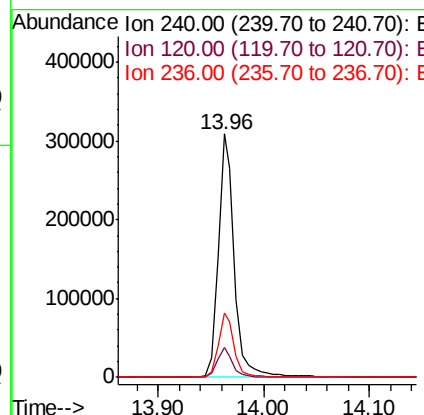
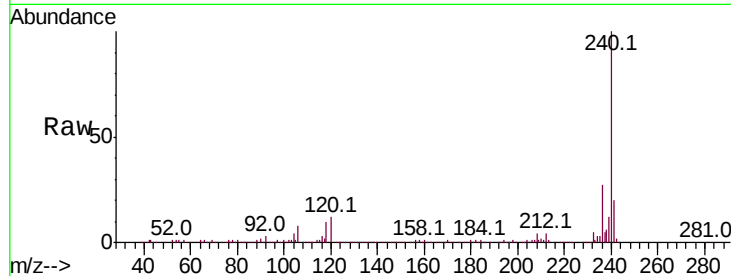




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

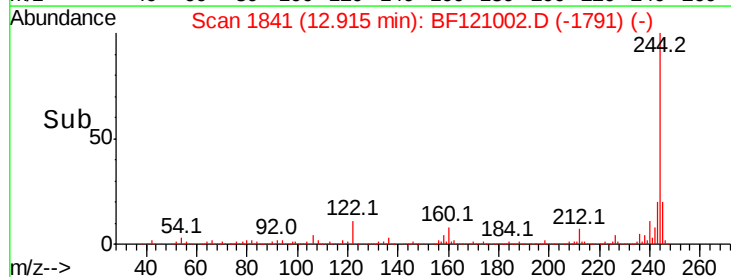
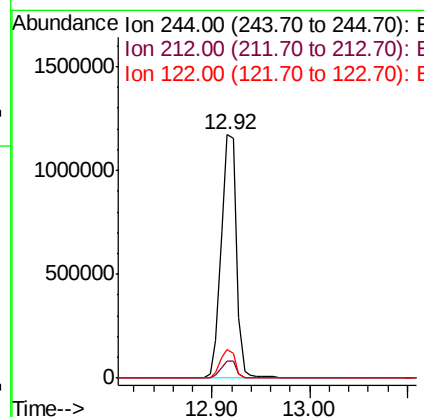
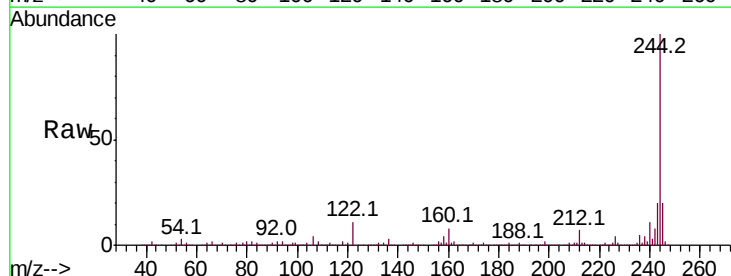
Instrument :
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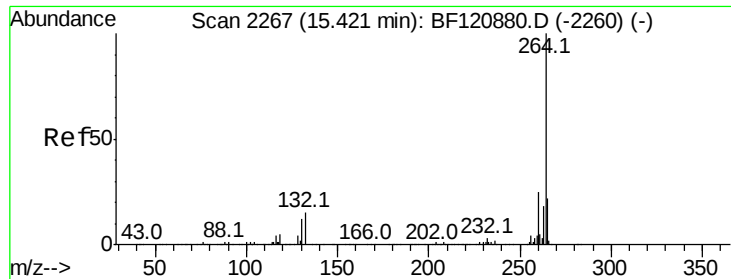
Tot Ion:240 Resp: 330612
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.0 13.4
 236 26.7 21.7 32.5



#79
 Terphenyl-d14
 Concen: 84.362 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121002.D
 Acq: 24 Jul 2020 14:46

Tgt Ion:244 Resp: 1283067
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.5 8.9 13.3

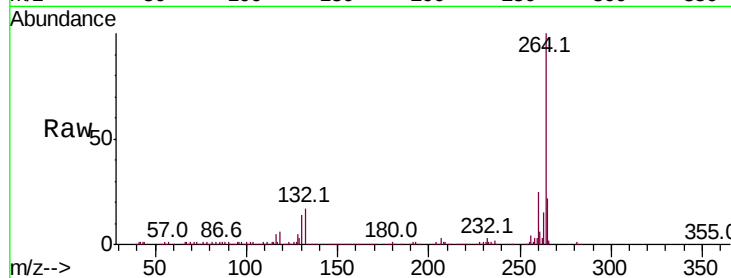




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF121002.D
Acq: 24 Jul 2020 14:46

Instrument :
BNA_F
ClientSampleId :
364-GRID-A7-A8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.7	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

