

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121005.D
 Acq On : 24 Jul 2020 16:16
 Operator : JU/CG
 Sample : L3381-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 365-GRID-B6-B8

Quant Time: Jul 24 16:49:41 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

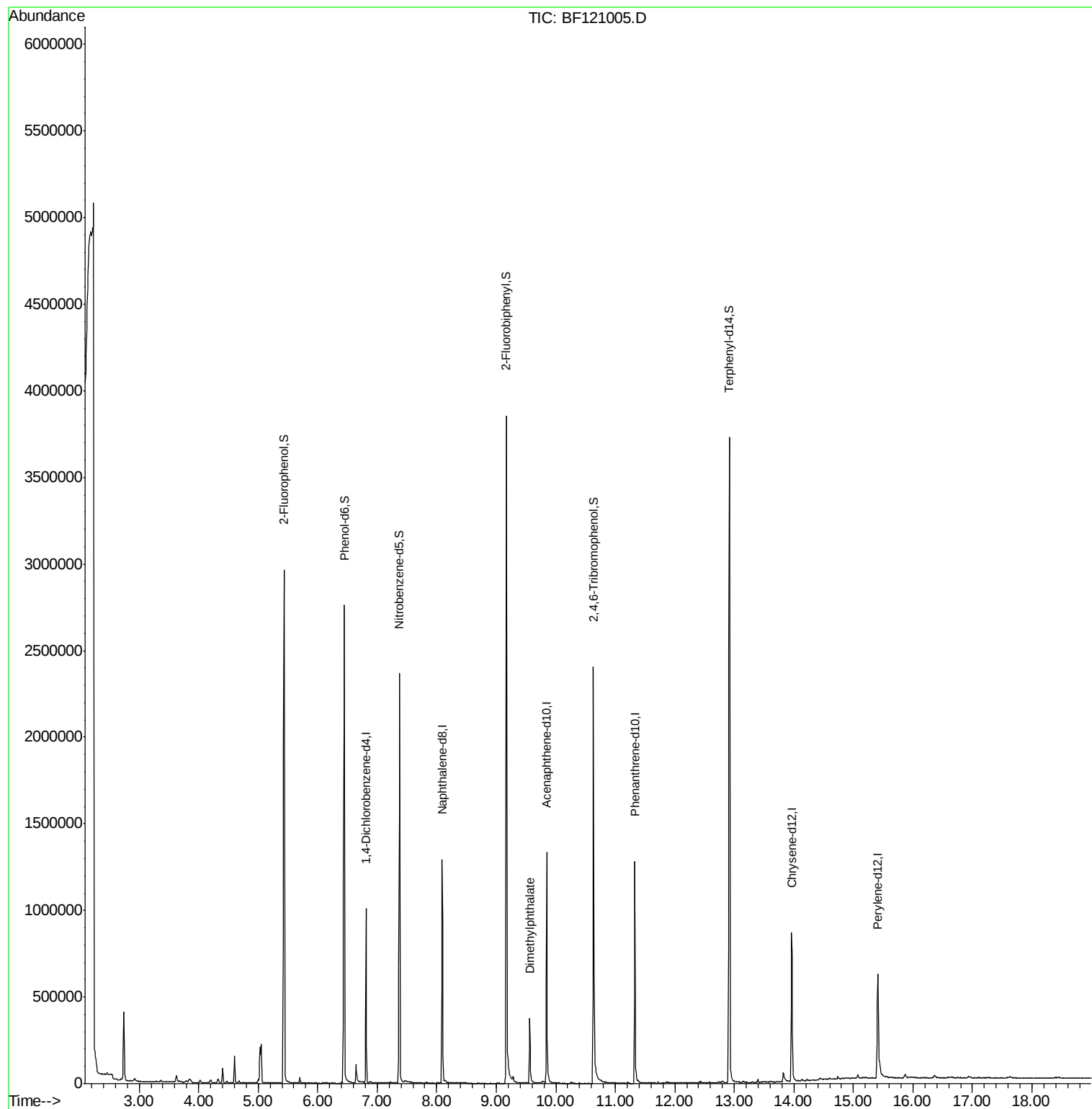
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152463	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	548919	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	291336	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	542757	20.00	ng	0.00
76) Chrysene-d12	13.96	240	353295	20.00	ng	-0.01
86) Perylene-d12	15.41	264	378580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1002131	107.75	ng	0.01
7) Phenol-d6	6.45	99	1074228	89.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	841615	88.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	411508	129.04	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1529740	78.40	ng	0.00
79) Terphenyl-d14	12.92	244	1452690	89.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	168403	8.012	ng	Qvalue 99

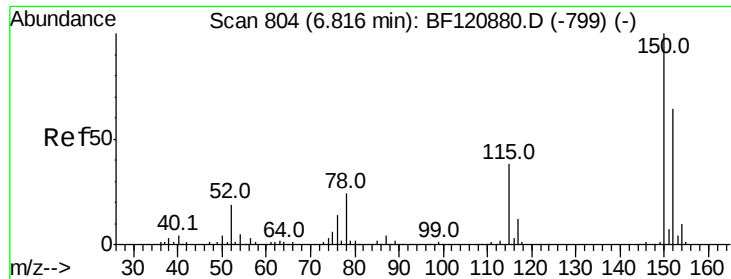
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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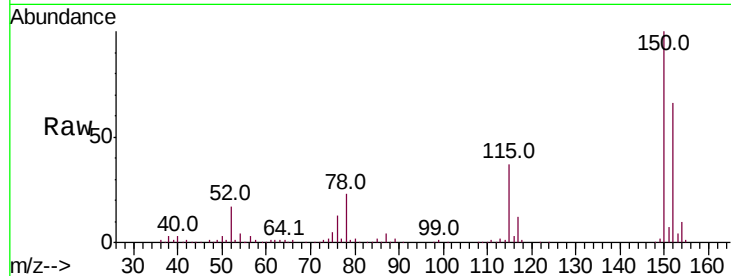


#1

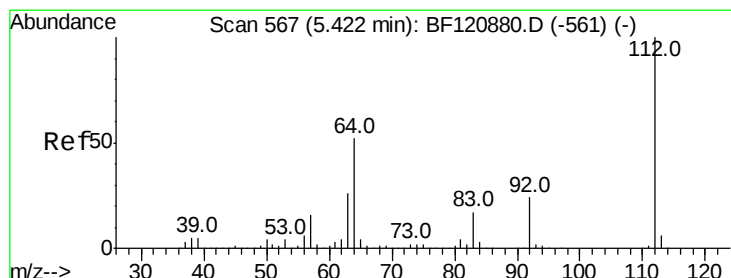
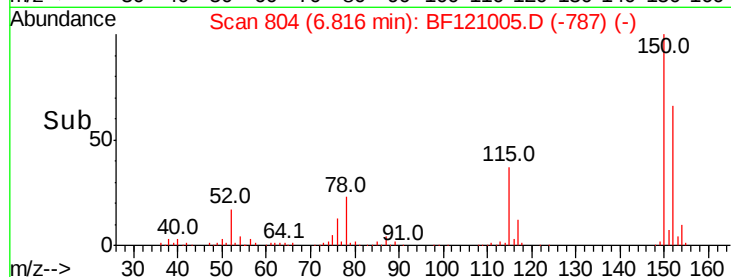
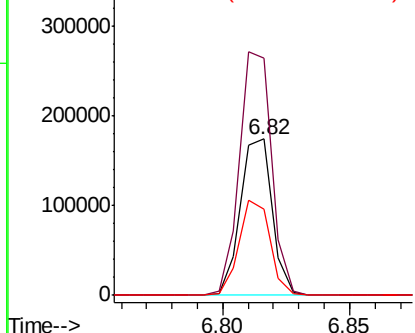
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121005.D
Acq: 24 Jul 2020 16:16

Instrument :
BNA_F
ClientSampleId :
365-GRID-B6-B8

Tot Ion:152 Resp: 152463
Ion Ratio Lower Upper
152 100
150 151.7 125.0 187.6
115 55.5 47.0 70.4



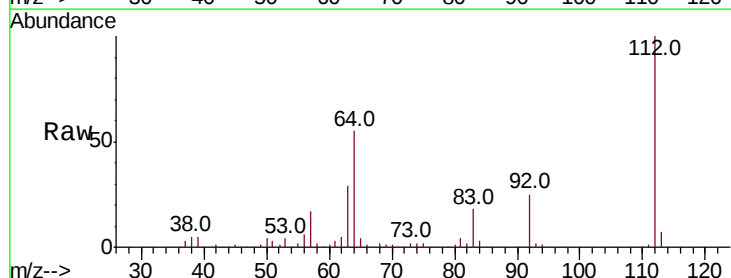
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



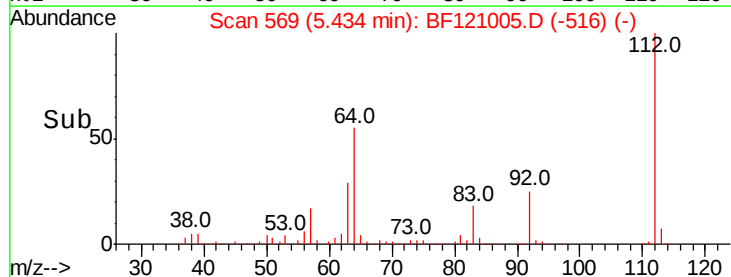
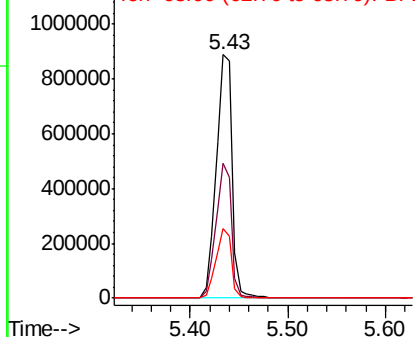
#5

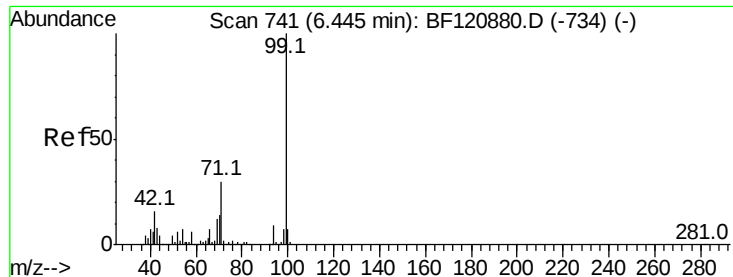
2-Fluorophenol
Concen: 107.754 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121005.D
Acq: 24 Jul 2020 16:16

Tgt Ion:112 Resp: 1002131
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 28.6 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: 89.419 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121005.D

Acq: 24 Jul 2020 16:16

Instrument :

BNA_F

ClientSampleId :

365-GRID-B6-B8

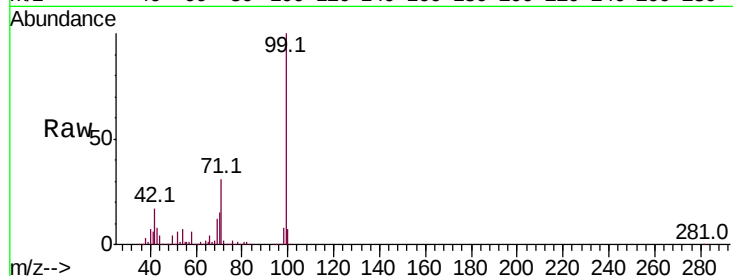
Tot Ion: 99 Resp: 1074228

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

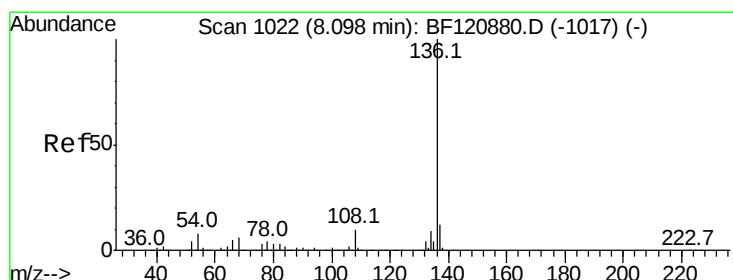
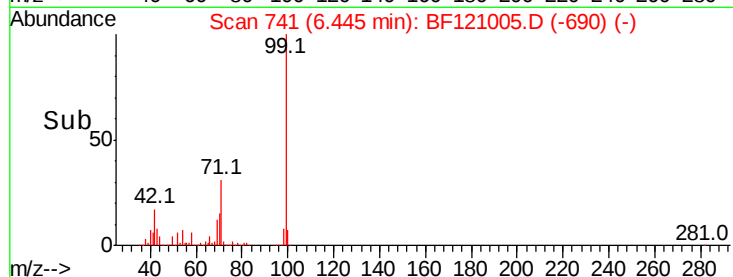
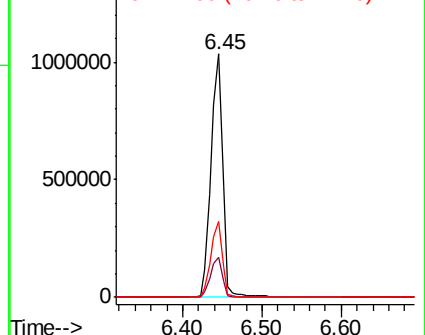
71 31.1 24.2 36.4



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: BF121005.D

Acq: 24 Jul 2020 16:16

Tgt Ion: 136 Resp: 548919

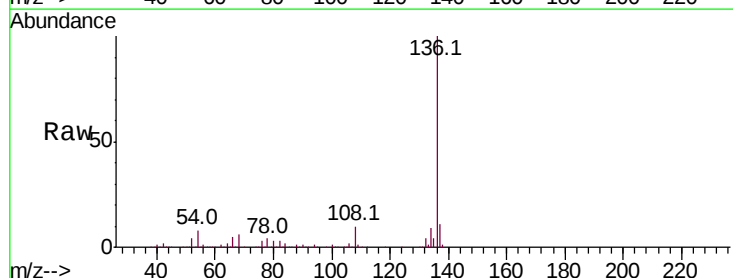
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4

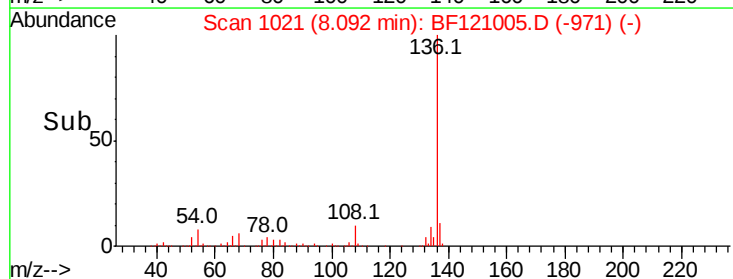
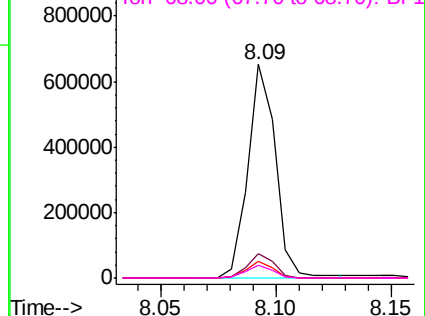


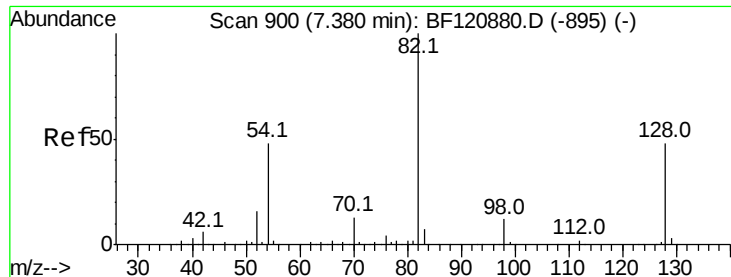
Abundance Ion 136.00 (135.70 to 136.70): E

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

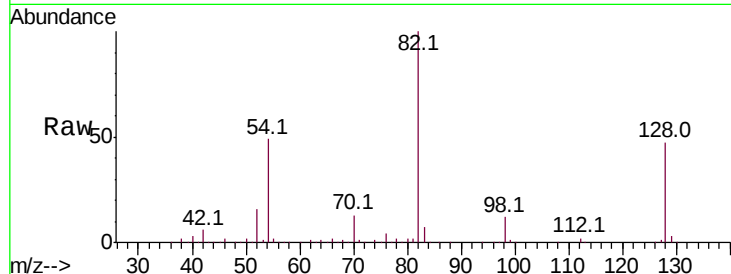




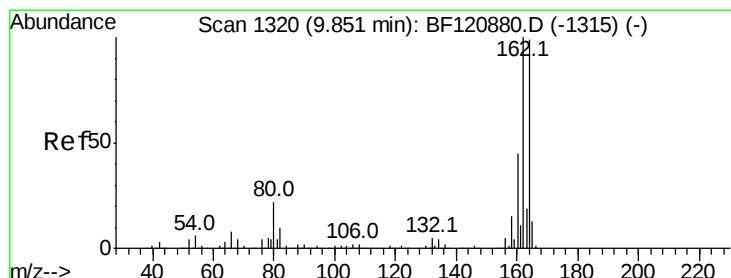
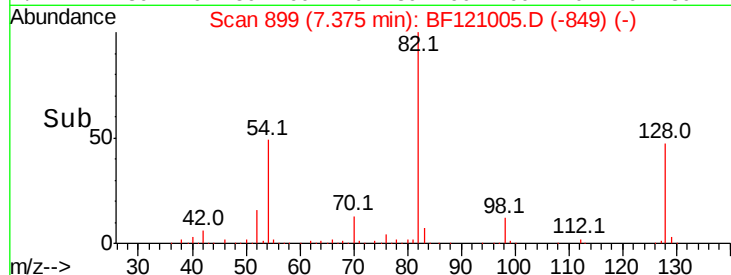
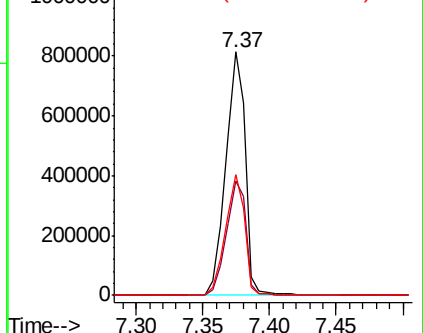
#23
 Nitrobenzene-d5
 Concen: 88.717 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121005.D
 Acq: 24 Jul 2020 16:16

Instrument :
 BNA_F
 ClientSampleId :
 365-GRID-B6-B8

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.2	57.4
54	49.4	38.7	58.1

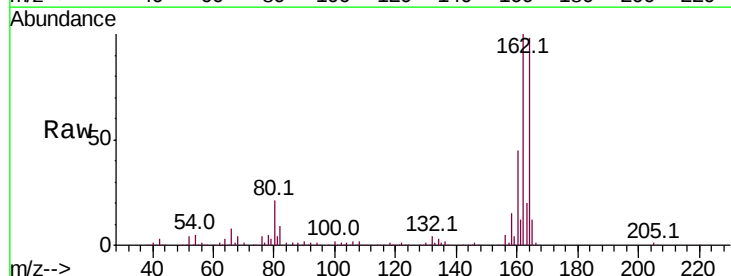


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

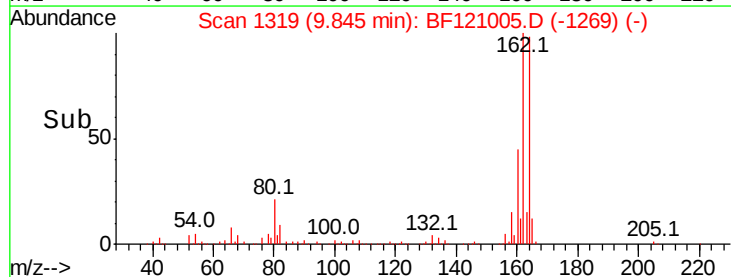
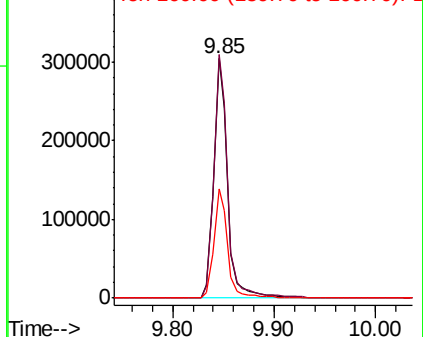


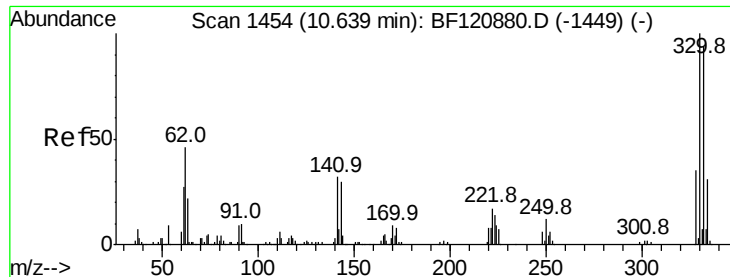
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121005.D
 Acq: 24 Jul 2020 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	45.5	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

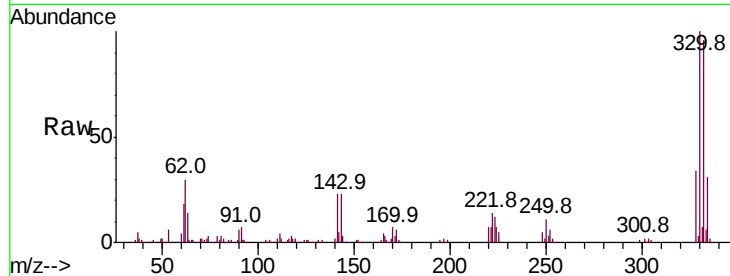




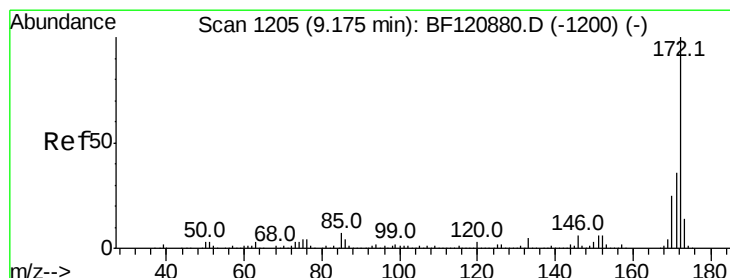
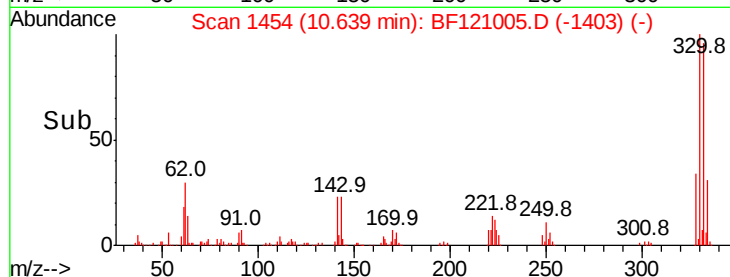
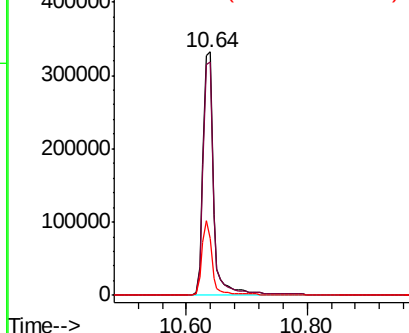
#42
 2,4,6-Tribromophenol
 Concen: 129.041 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121005.D
 Acq: 24 Jul 2020 16:16

Instrument :
 BNA_F
 ClientSampleId :
 365-GRID-B6-B8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	30.2	25.7	38.5

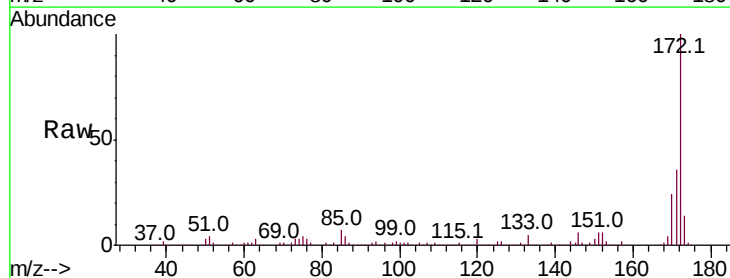


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

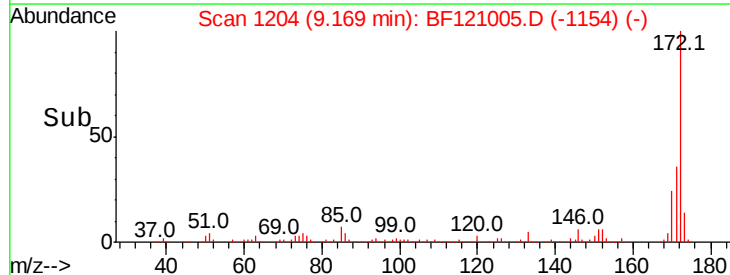
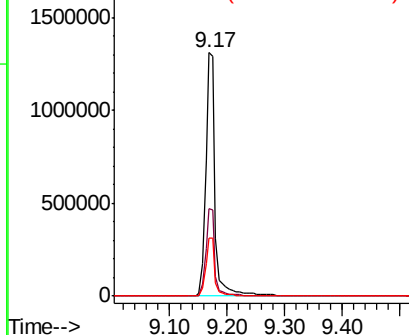


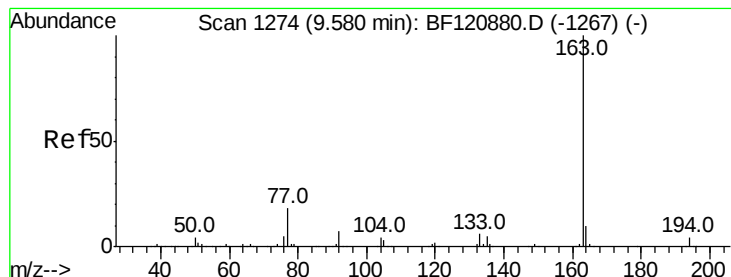
#45
 2-Fluorobiphenyl
 Concen: 78.396 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121005.D
 Acq: 24 Jul 2020 16:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.1	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: 8.012 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121005.D

Acq: 24 Jul 2020 16:16

Instrument :

BNA_F

ClientSampleId :

365-GRID-B6-B8

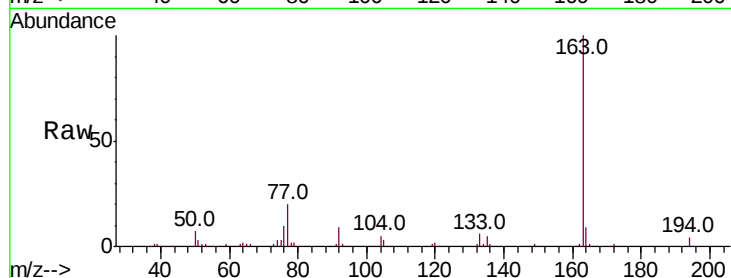
Tot Ion:163 Resp: 168403

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

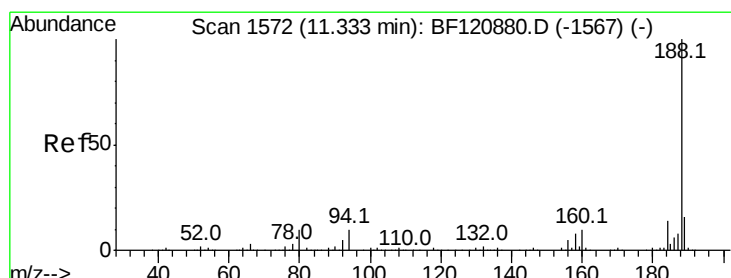
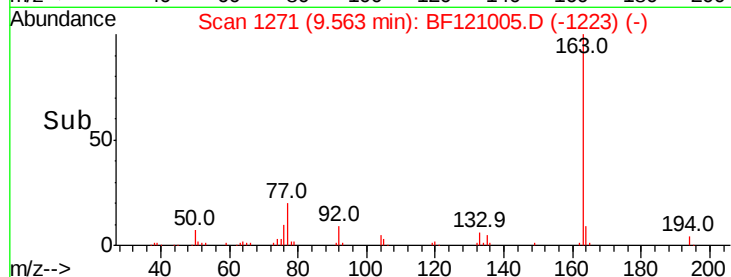
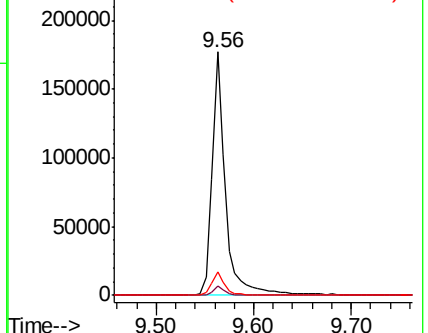
164 9.5 7.9 11.9



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# 1571

Delta R.T. -0.01 min

Lab File: BF121005.D

Acq: 24 Jul 2020 16:16

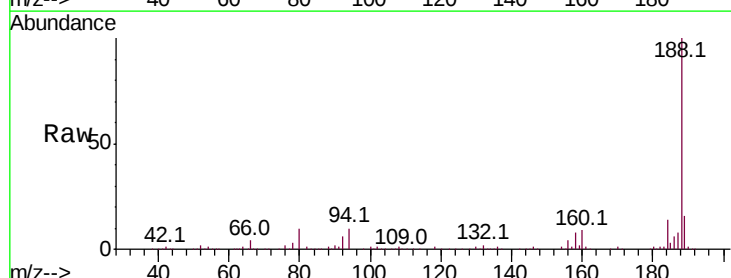
Tgt Ion:188 Resp: 542757

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

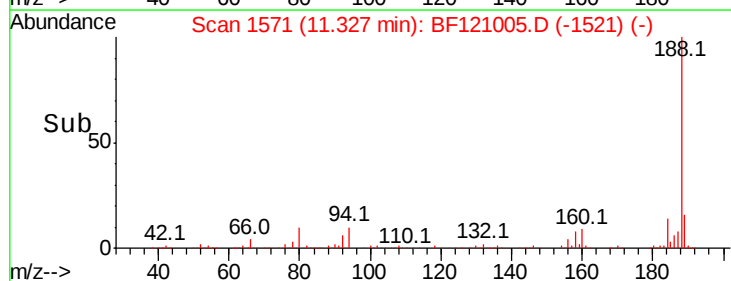
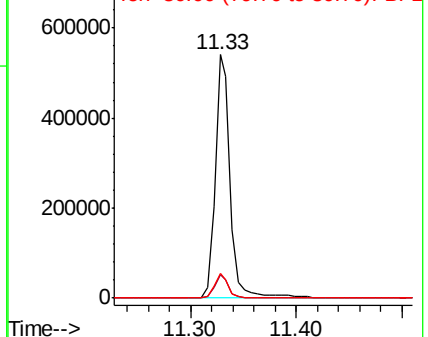
80 10.1 8.3 12.5

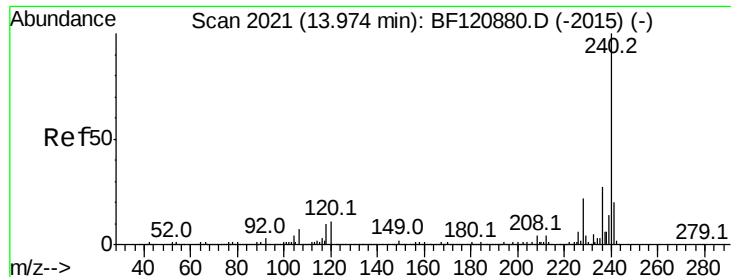


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF121005.D

Acq: 24 Jul 2020 16:16

Instrument :

BNA_F

ClientSampleId :

365-GRID-B6-B8

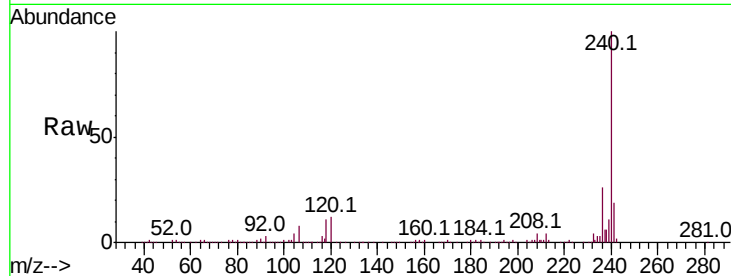
Tot Ion:240 Resp: 353295

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

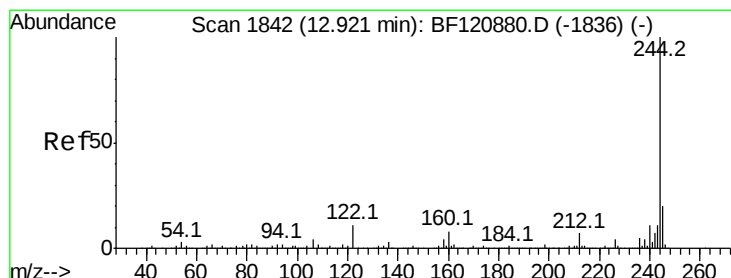
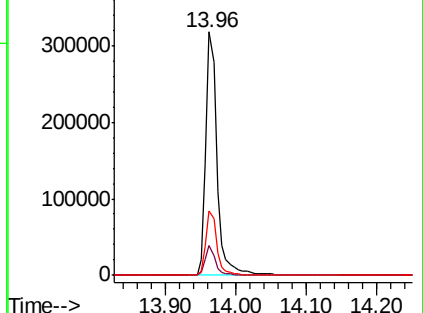
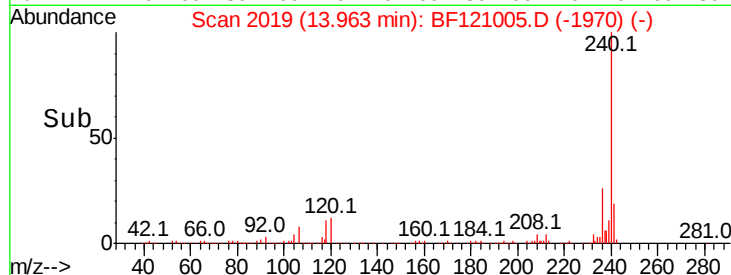
236 26.5 21.7 32.5



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: 89.382 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF121005.D

Acq: 24 Jul 2020 16:16

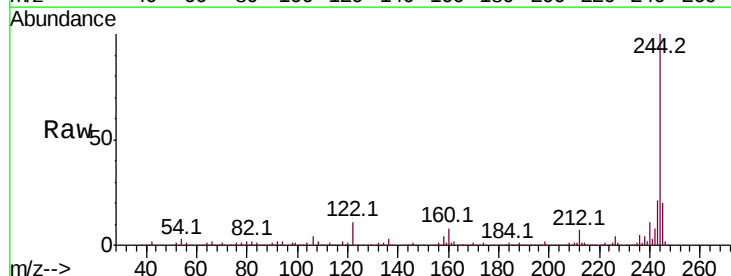
Tgt Ion:244 Resp: 1452690

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

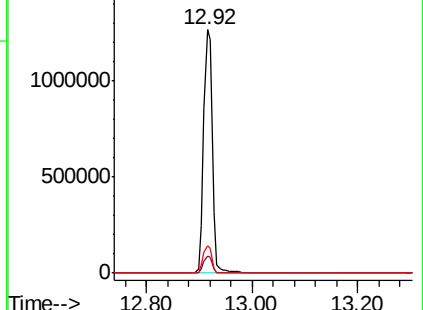
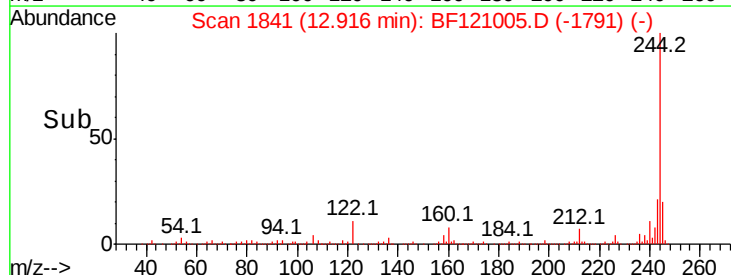
122 11.4 8.9 13.3

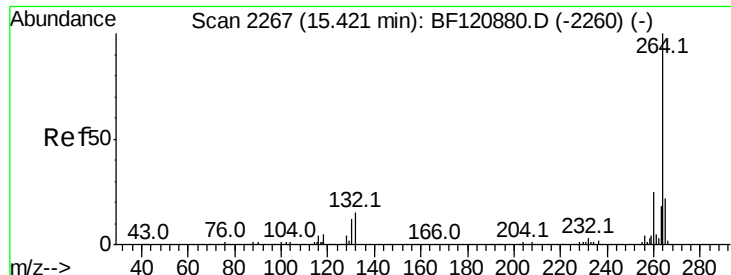


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF121005.D
 Acq: 24 Jul 2020 16:16

Instrument :
 BNA_F
 ClientSampleId :
 365-GRID-B6-B8

Tot Ion:264 Resp: 378580
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.7 17.4 26.2

