

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121703.D
 Acq On : 28 Sep 2020 10:08
 Operator : JU/CG
 Sample : PB131888BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Quant Time: Sep 28 12:22:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	171380	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	678881	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	358064	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	681147	20.00	ng	0.00
76) Chrysene-d12	13.95	240	623429	20.00	ng	0.00
86) Perylene-d12	15.39	264	575502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1223661	106.11	ng	0.01
7) Phenol-d6	6.43	99	1584457	104.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	1109191	87.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	522545	117.42	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1899823	80.36	ng	0.00
79) Terphenyl-d14	12.90	244	2226381	72.35	ng	0.00

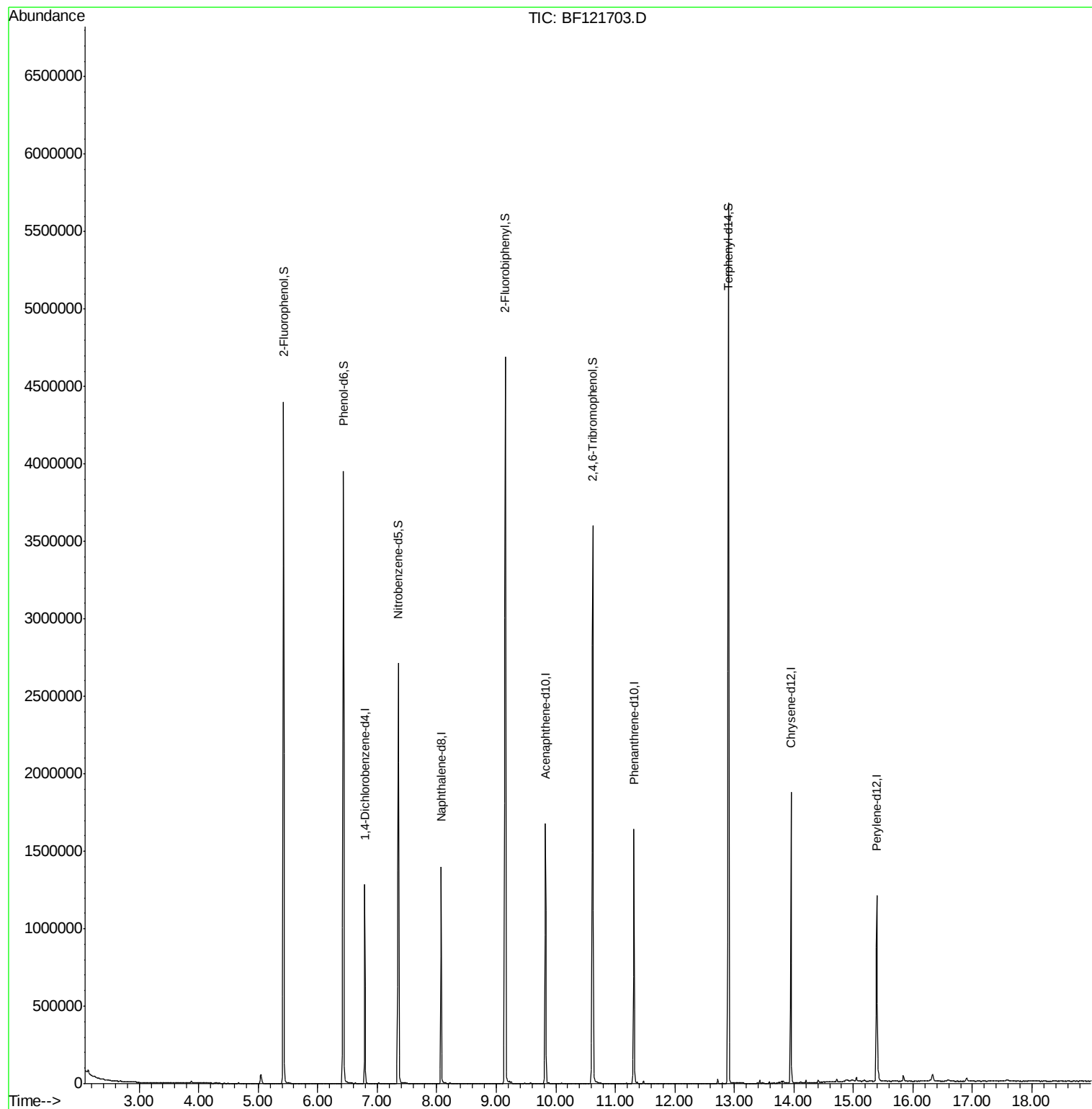
Target Compounds Qvalue

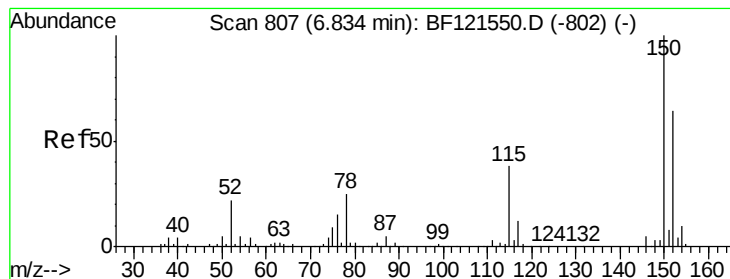
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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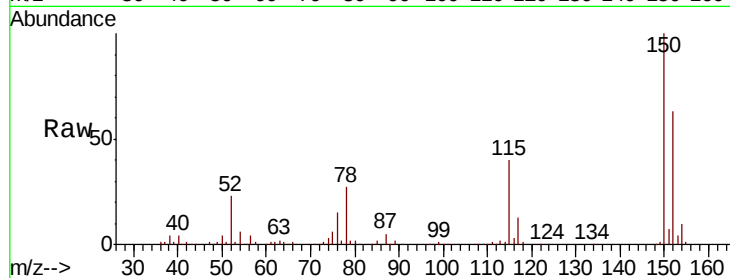


#1

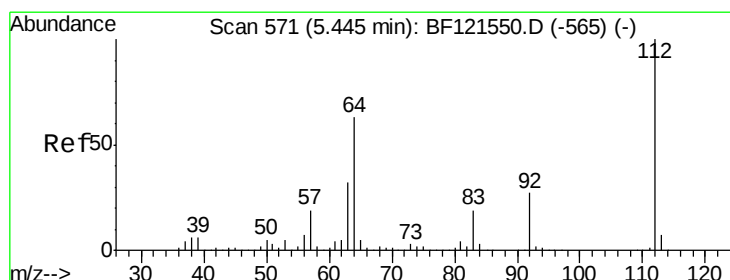
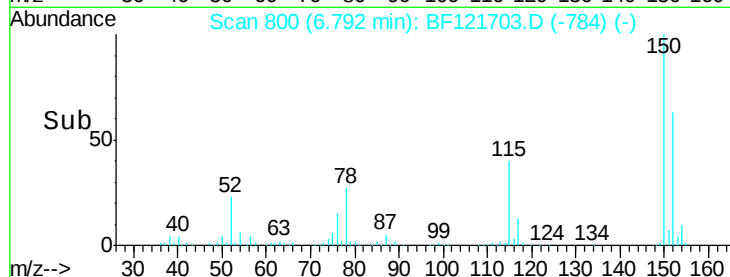
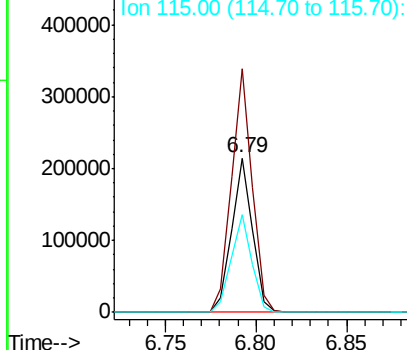
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121703.D
Acq: 28 Sep 2020 10:08

Instrument :
BNA_F
ClientSampleId :
PB131888BL

Tot Ion:152 Resp: 171380
Ion Ratio Lower Upper
152 100
150 158.1 122.6 184.0
115 63.2 47.1 70.7



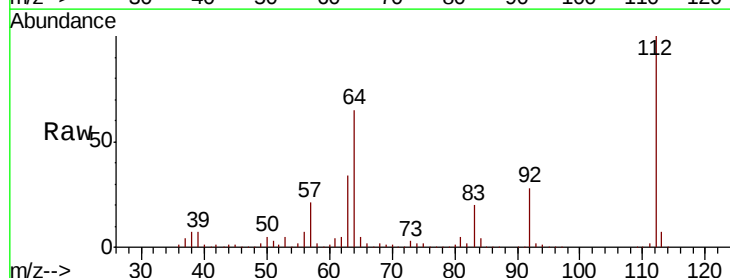
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



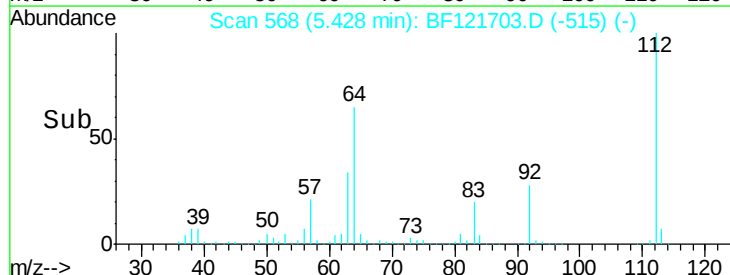
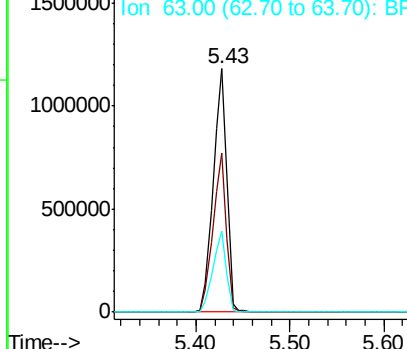
#5

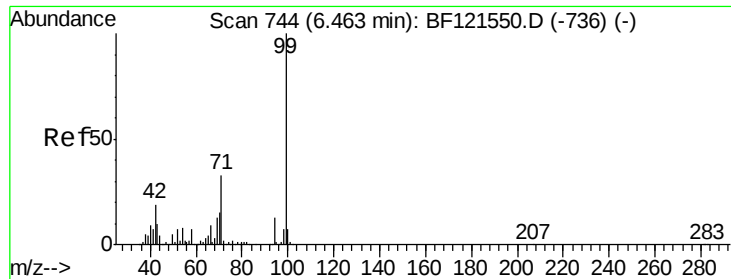
2-Fluorophenol
Concen: 106.110 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121703.D
Acq: 28 Sep 2020 10:08

Tgt Ion:112 Resp: 1223661
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 33.6 25.4 38.0



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: 104.728 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

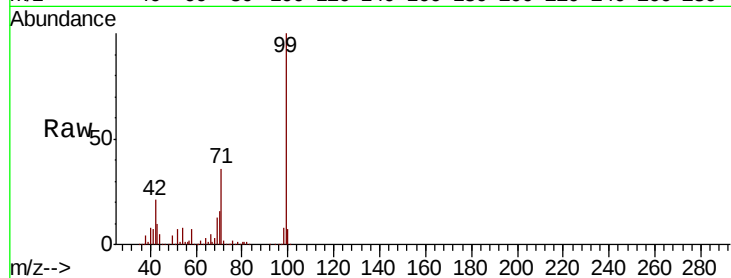
BNA_F

ClientSampleId :

PB131888BL

Tot Ion: 99 Resp: 1584457

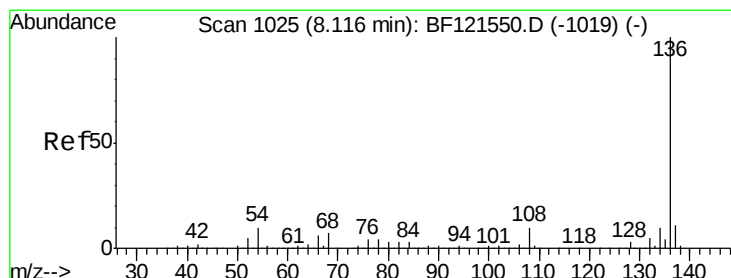
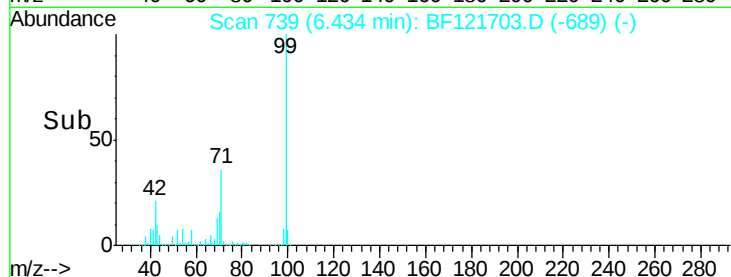
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.1	24.1
71	35.6	27.6	41.4



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: 8.07 min Scan# 1018

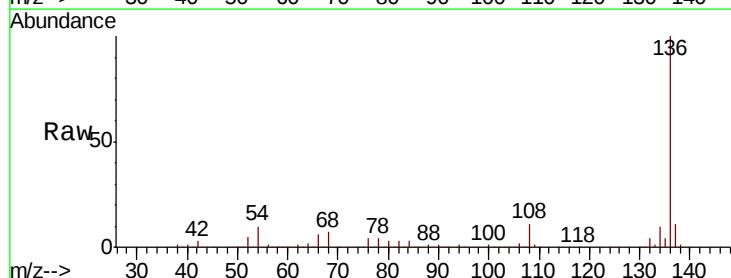
Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Tgt Ion: 136 Resp: 678881

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	7.5	11.3
68	6.8	5.5	8.3

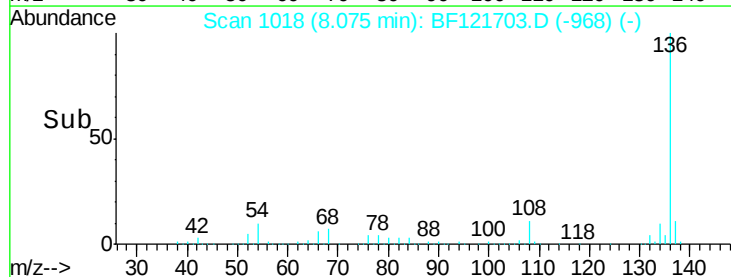


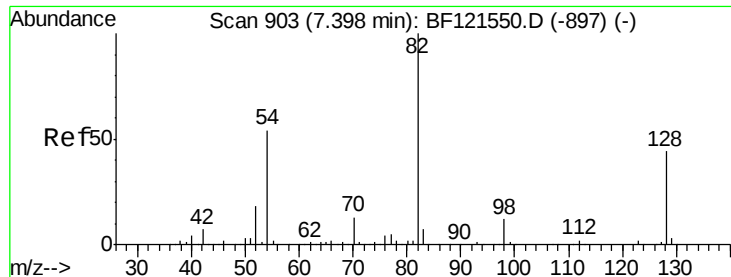
Abundance Ion 136.00 (135.70 to 136.70): E

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

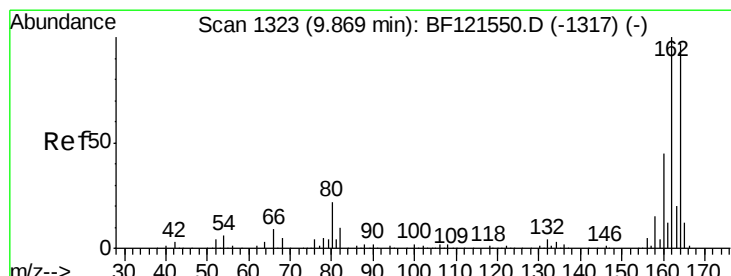
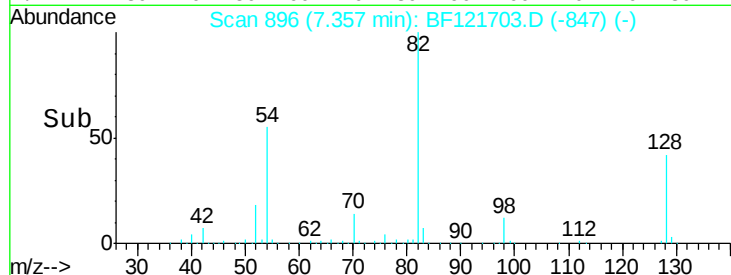
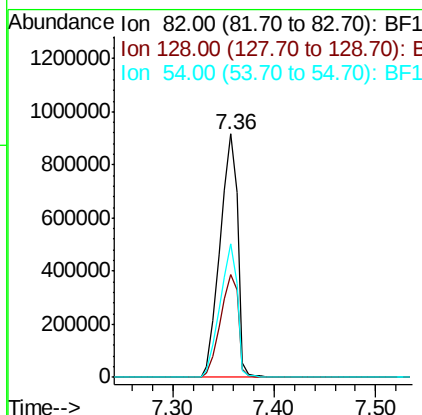
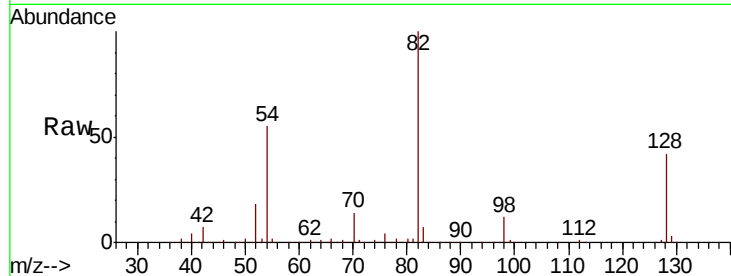




#23
 Nitrobenzene-d5
 Concen: 87.724 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

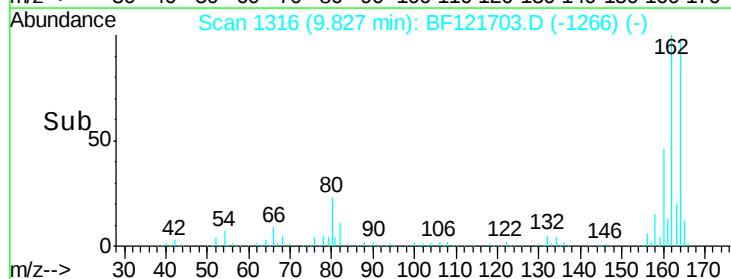
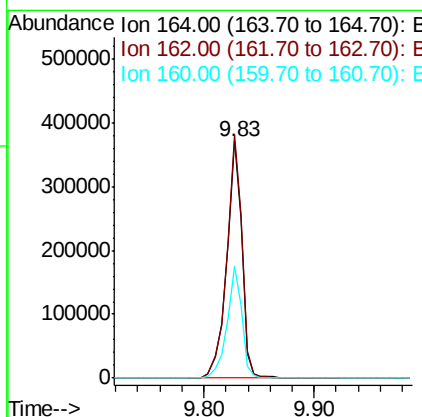
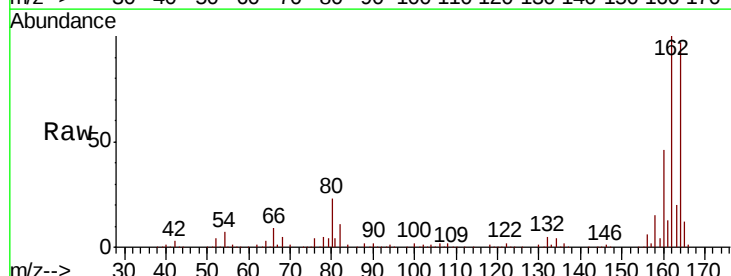
Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

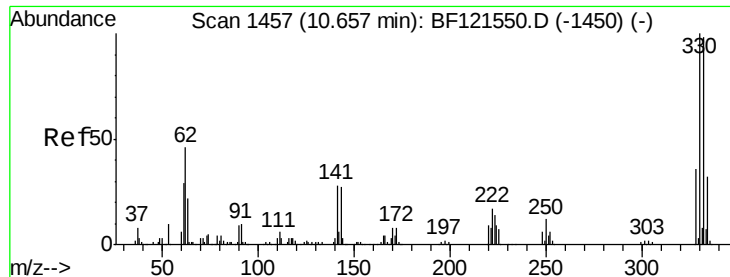
Tot Ion: 82 Resp: 1109191
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.8 53.6
 54 54.9 42.6 63.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Tgt Ion: 164 Resp: 358064
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 46.9 36.8 55.2

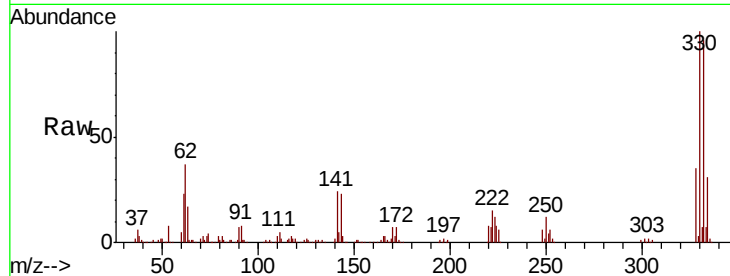




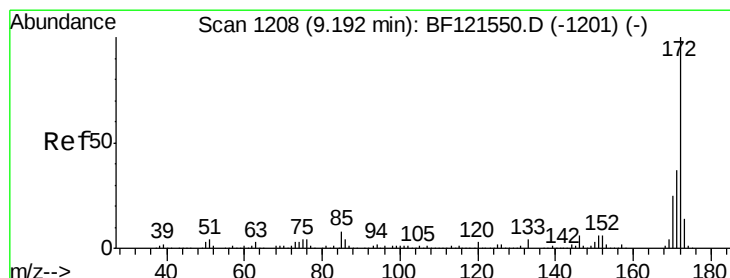
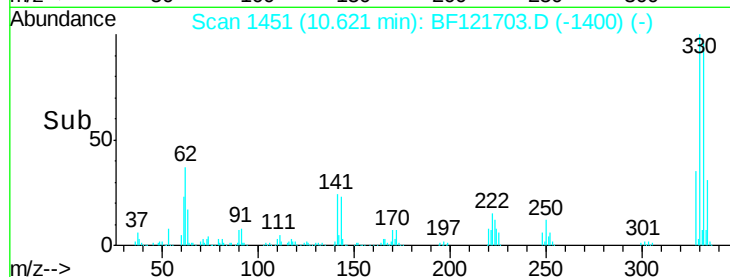
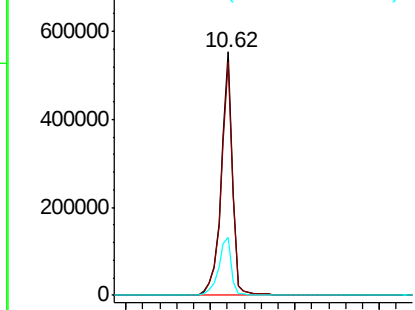
#42
 2,4,6-Tribromophenol
 Concen: 117.419 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Instrument :
 BNA_F
 ClientSampleId :
 PB131888BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.0	114.0
141	27.5	22.2	33.4

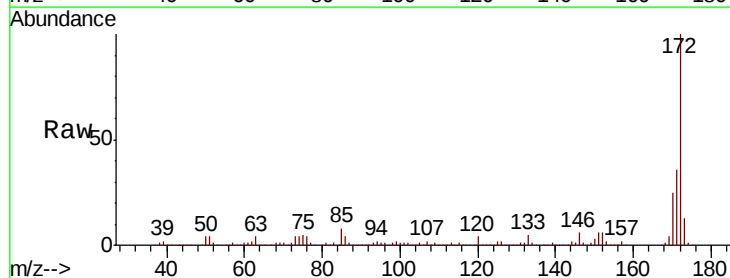


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

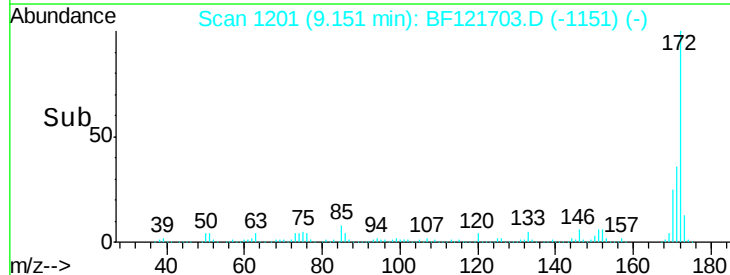
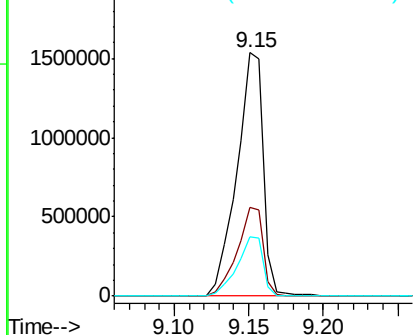


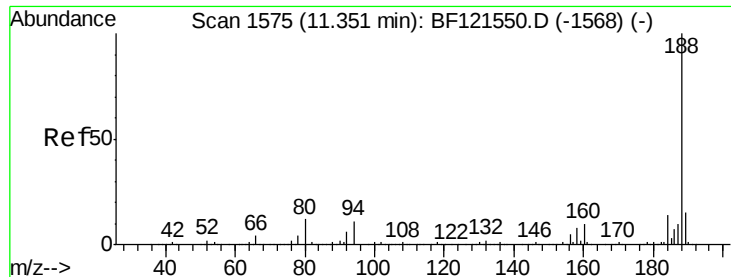
#45
 2-Fluorobiphenyl
 Concen: 80.358 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121703.D
 Acq: 28 Sep 2020 10:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.5	29.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

ClientSampleId :

PB131888BL

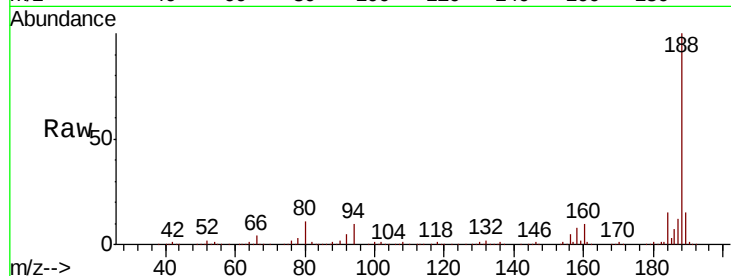
Tot Ion:188 Resp: 681147

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

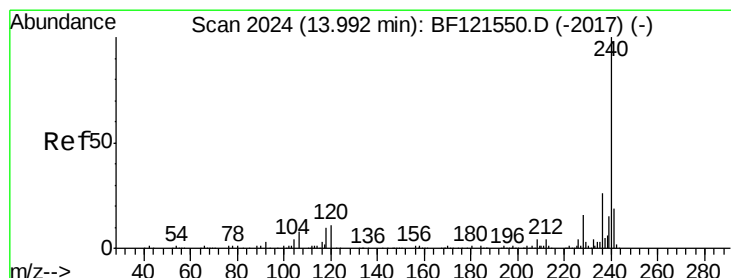
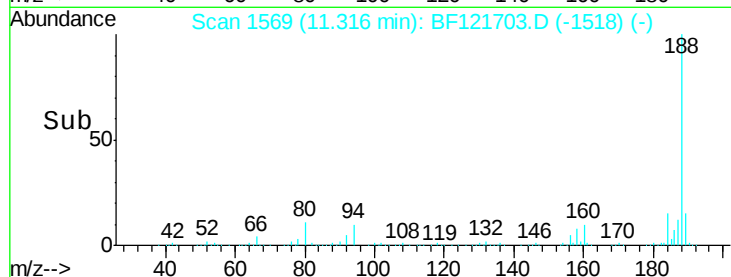
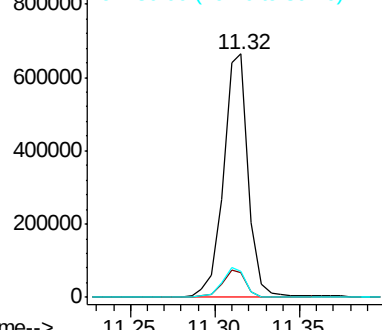
80 10.7 9.3 13.9



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: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

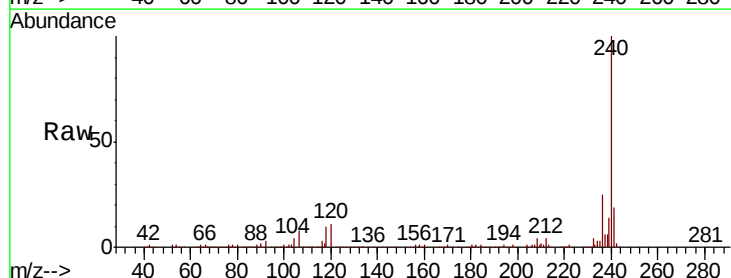
Tgt Ion:240 Resp: 623429

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

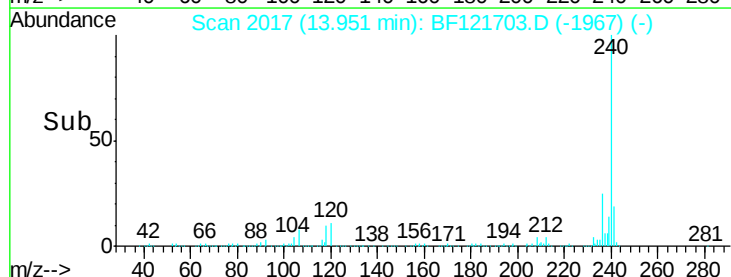
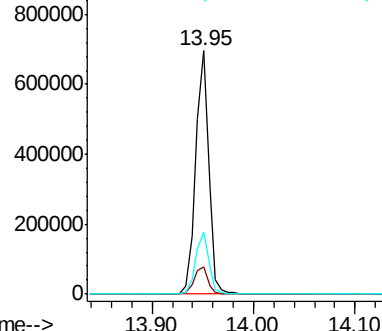
236 25.3 20.6 30.8

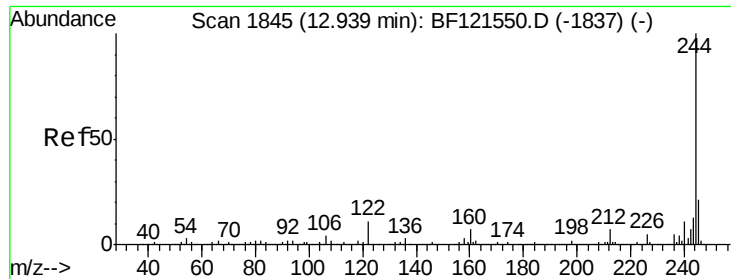


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.349 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

Instrument :

BNA_F

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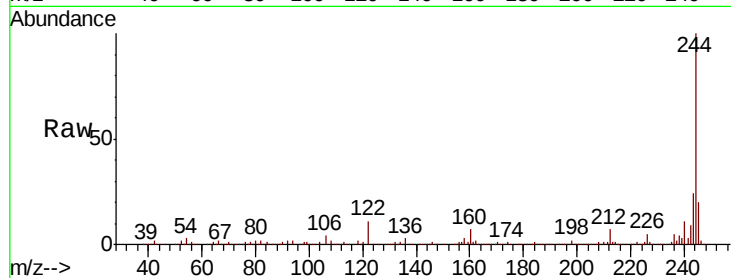
Tot Ion:244 Resp: 2226381

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

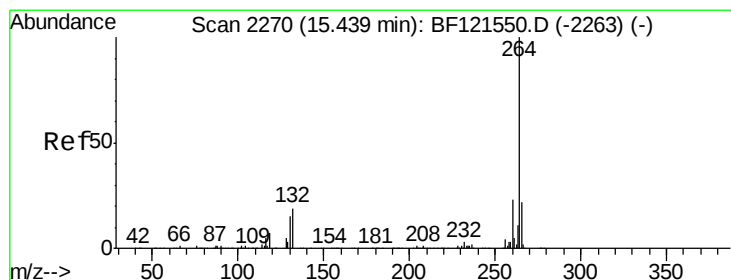
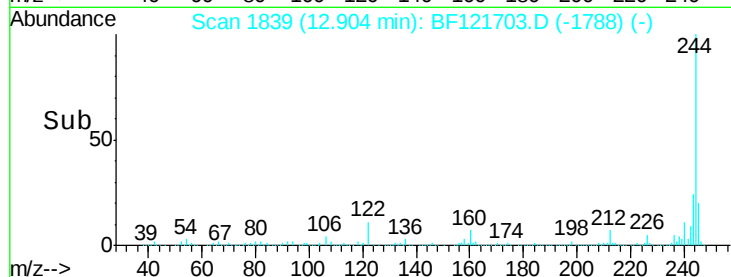
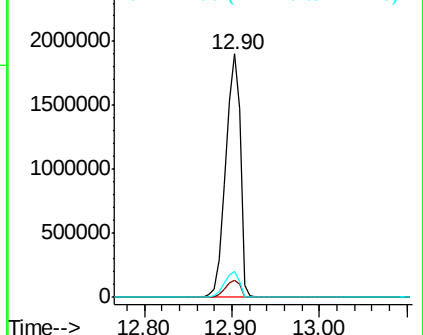
122 10.6 8.0 12.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF121703.D

Acq: 28 Sep 2020 10:08

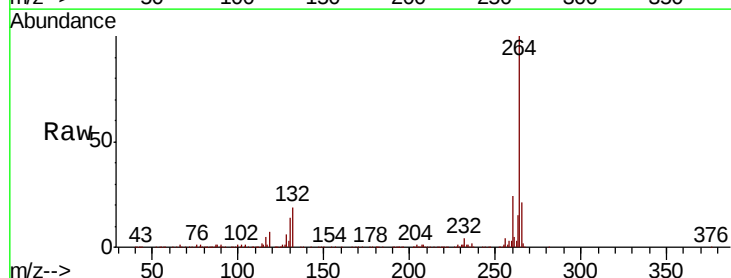
Tgt Ion:264 Resp: 575502

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.5 17.2 25.8



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

