

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121689.D
 Acq On : 24 Sep 2020 18:54
 Operator : JU/CG
 Sample : L4133-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Sep 25 01:21:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149084	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590198	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317372	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	616717	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	577251	20.00	ng	-0.01
86) Perylene-d12	15.42	264	487031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	631820	62.98	ng	0.00
7) Phenol-d6	6.44	99	521088	39.59	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1038817	94.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	548871	139.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1656333	79.04	ng	0.00
79) Terphenyl-d14	12.92	244	2317726	81.34	ng	0.00

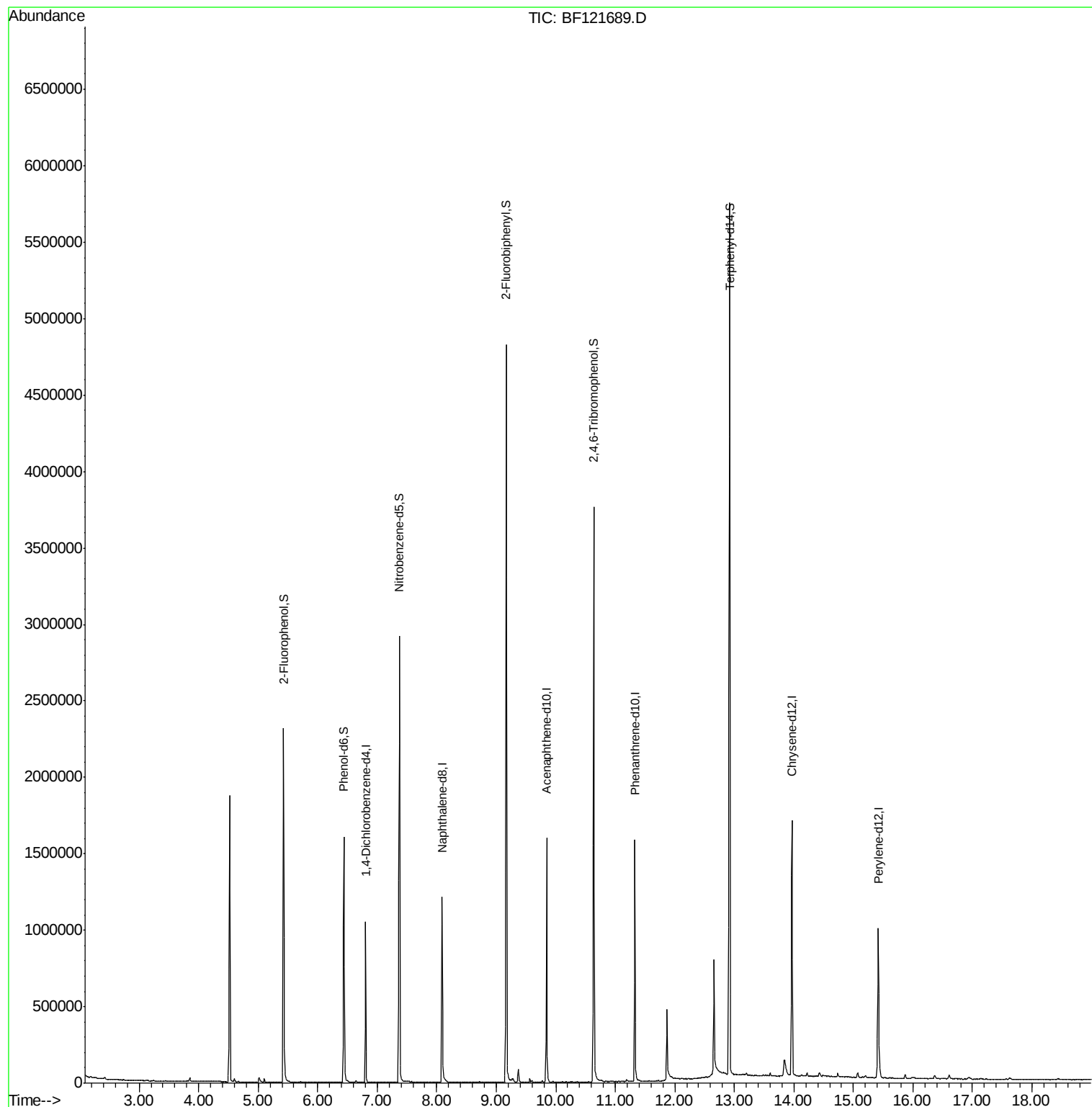
Target Compounds Qvalue

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

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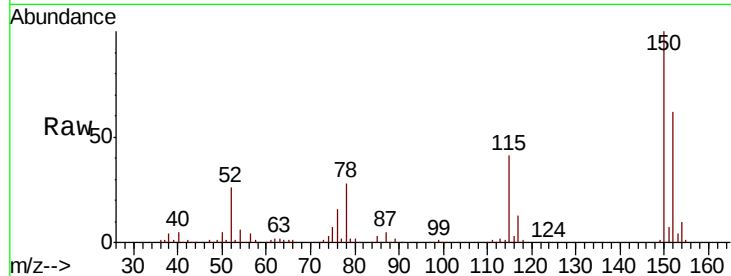


#1

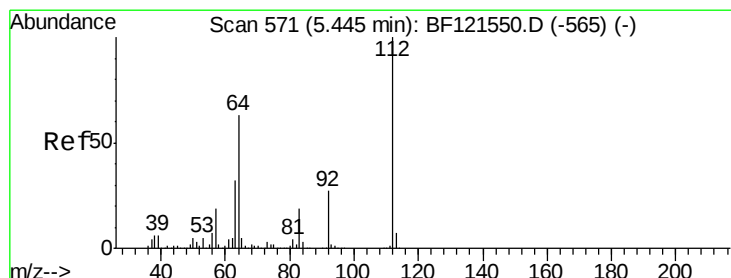
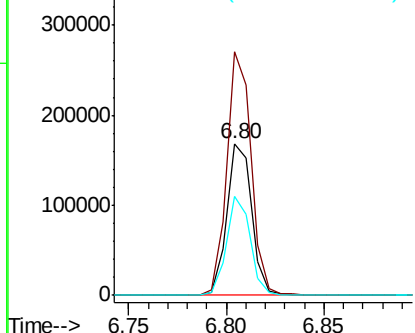
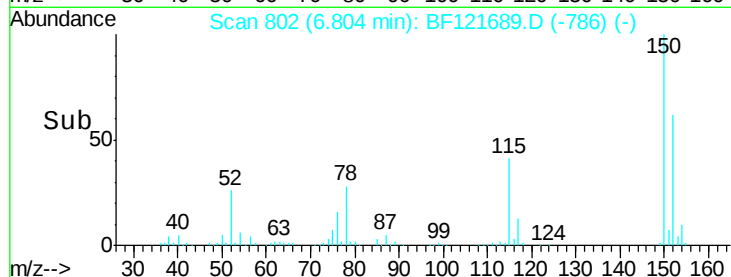
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tot Ion:152 Resp: 149084
 Ion Ratio Lower Upper
 152 100
 150 160.2 128.1 192.1
 115 65.1 52.6 79.0



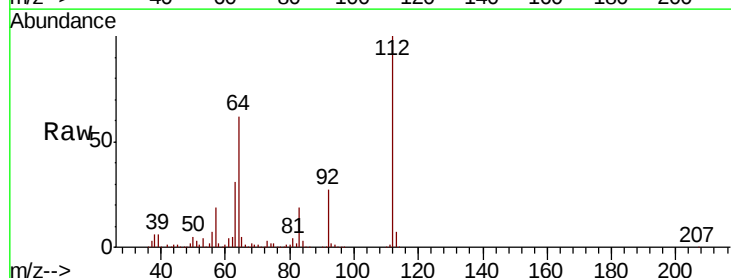
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



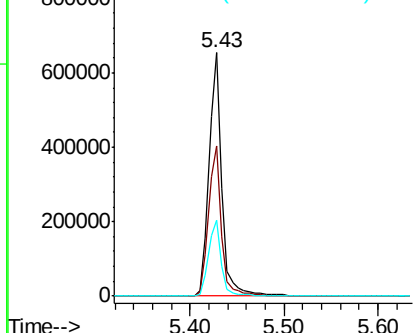
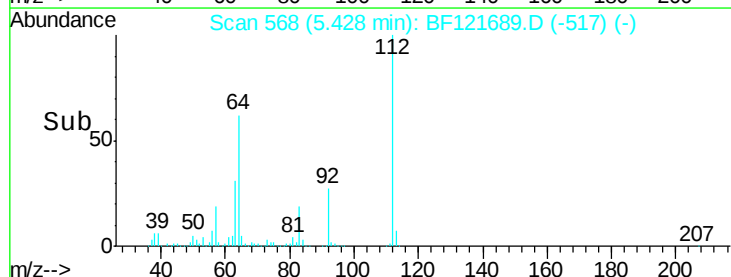
#5

2-Fluorophenol
 Concen: 62.982 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

Tgt Ion:112 Resp: 631820
 Ion Ratio Lower Upper
 112 100
 64 61.9 52.2 78.2
 63 31.1 26.6 39.8



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: 39.593 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

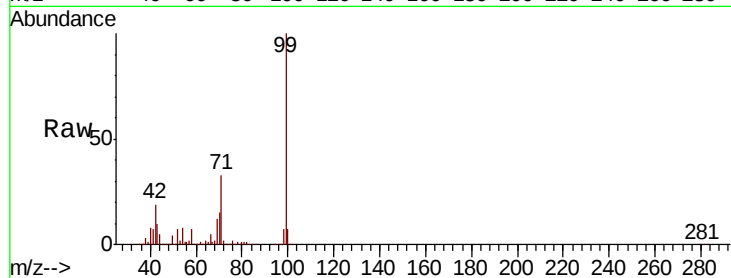
BNA_F

ClientSampleId :

MW2

Tot Ion: 99 Resp: 521088

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.5	23.3
71	32.7	27.4	41.2

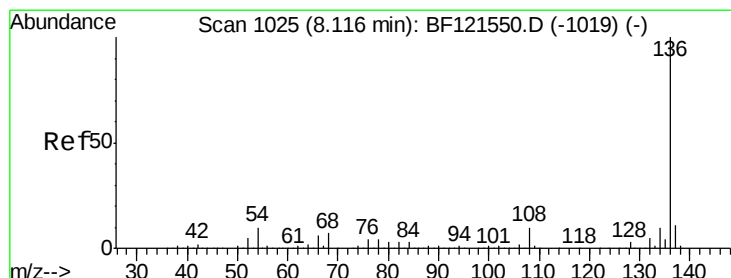
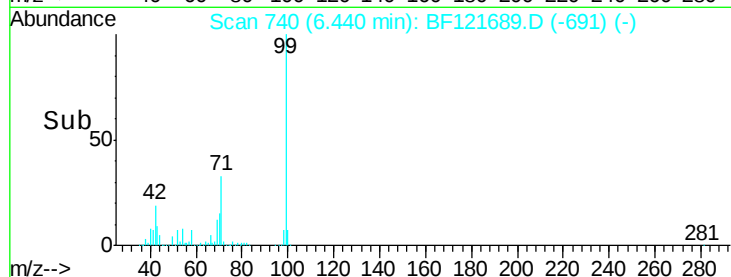
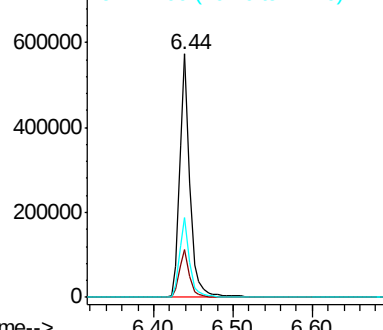


Abundance

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: 8.09 min Scan# 1021

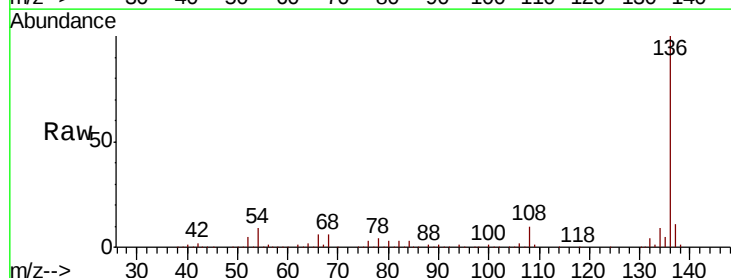
Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Tgt Ion: 136 Resp: 590198

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	7.4	11.0
68	6.2	5.3	7.9



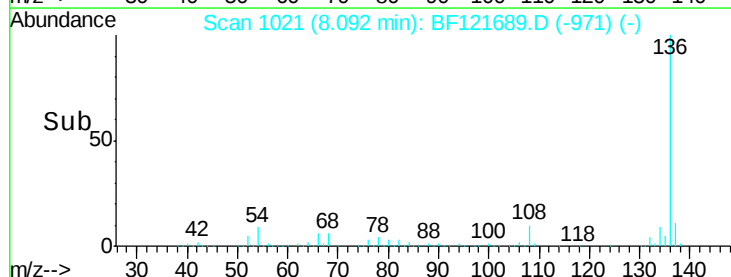
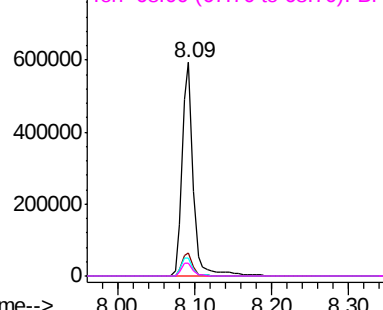
Abundance

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



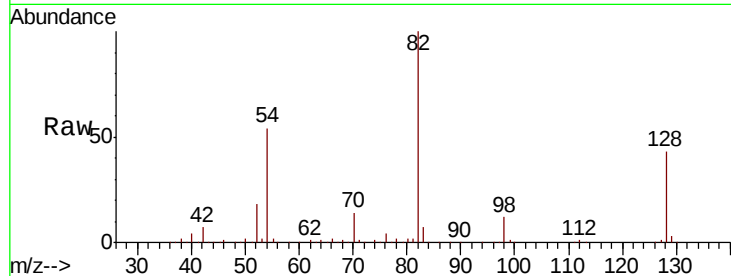


#23
 Nitrobenzene-d5
 Concen: 94.504 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

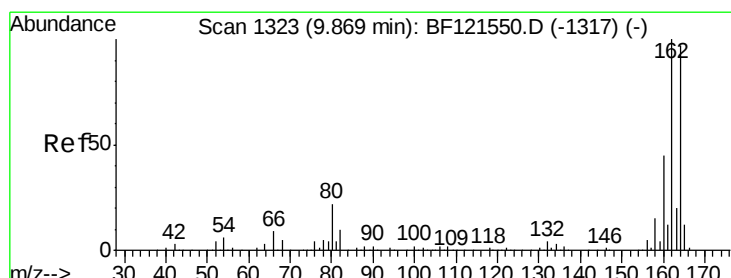
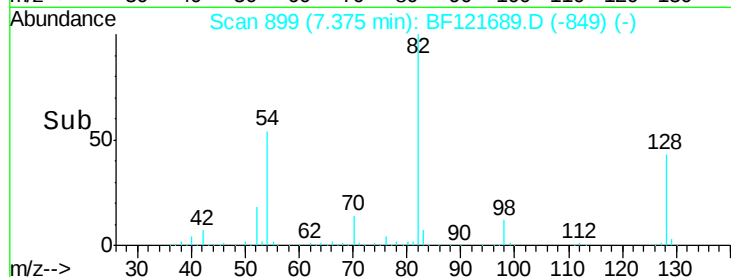
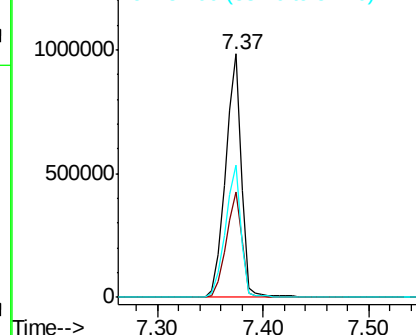
Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tot Ion: 82 Resp: 1038817

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.9	50.9
54	54.2	42.9	64.3



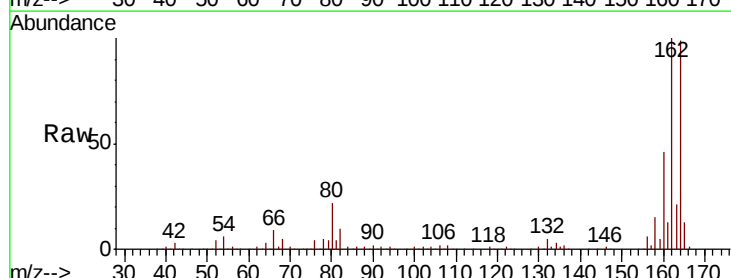
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



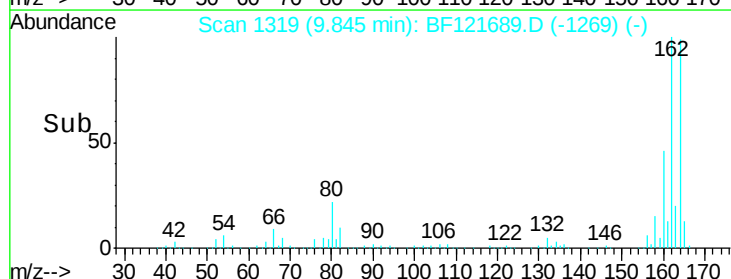
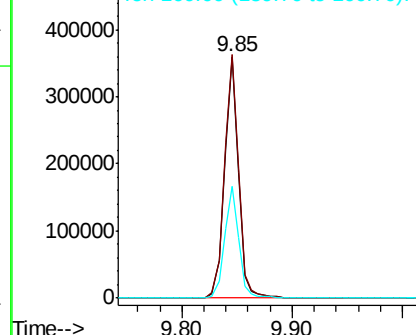
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

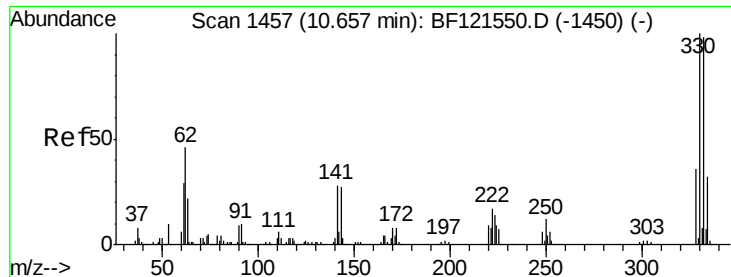
Tgt Ion: 164 Resp: 317372

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	46.3	36.2	54.4



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

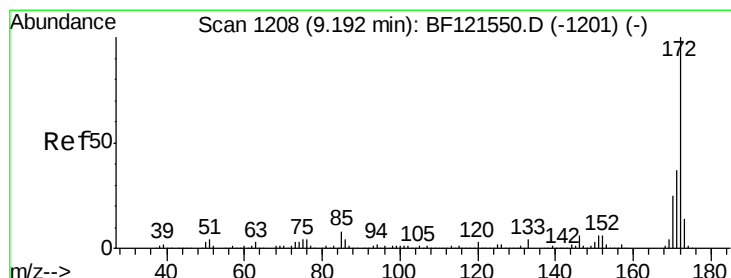
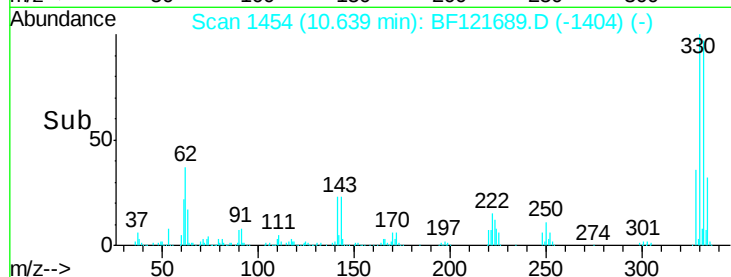
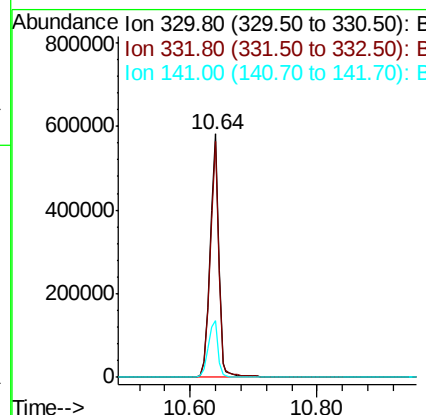
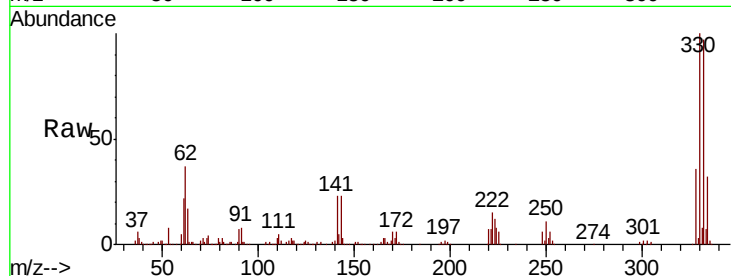




#42
 2,4,6-Tribromophenol
 Concen: 139.148 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

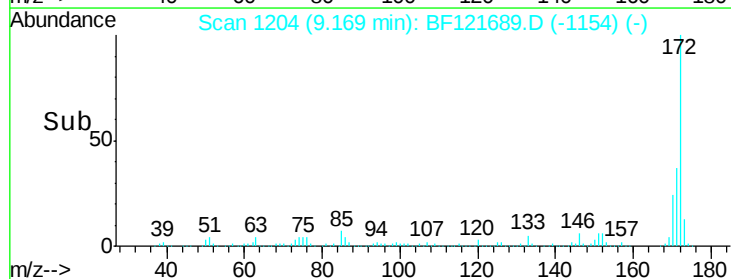
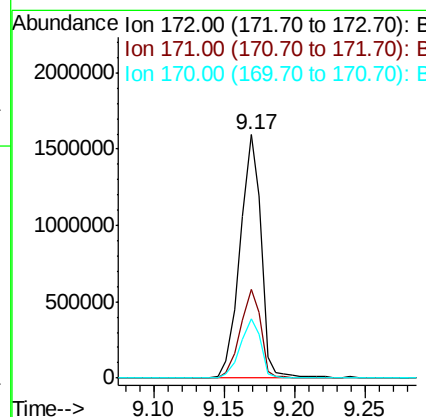
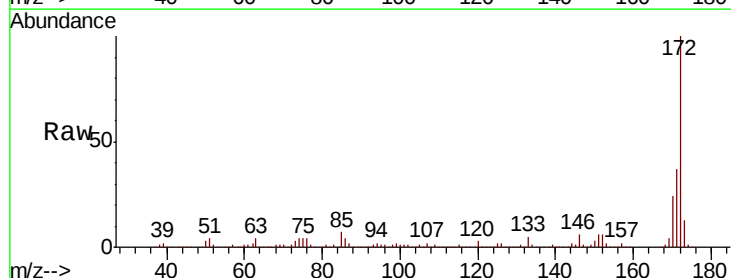
Instrument :
 BNA_F
 ClientSampleId :
 MW2

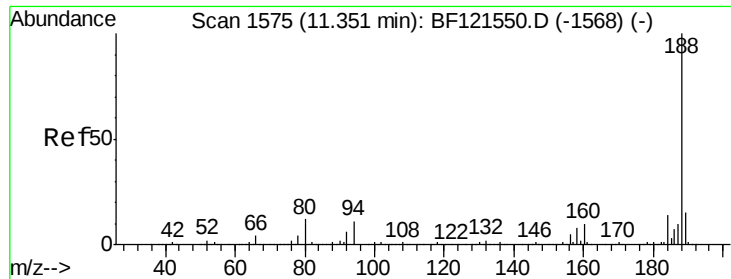
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	26.3	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 79.042 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.5	19.5	29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampleId :

MW2

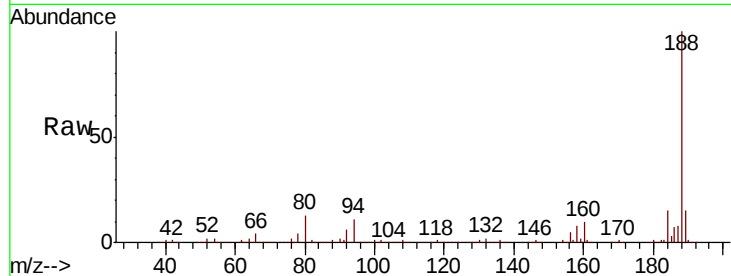
Tot Ion:188 Resp: 616717

Ion Ratio Lower Upper

188 100

94 11.5 8.4 12.6

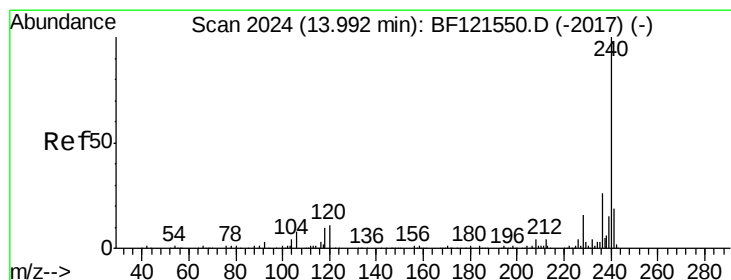
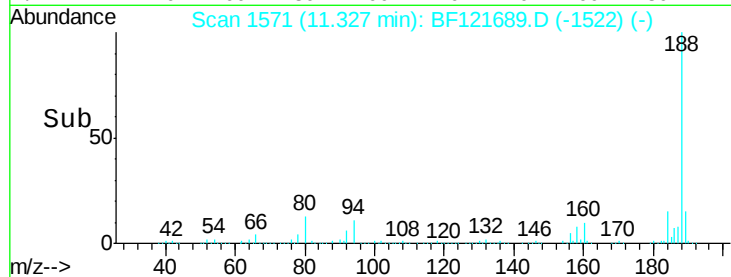
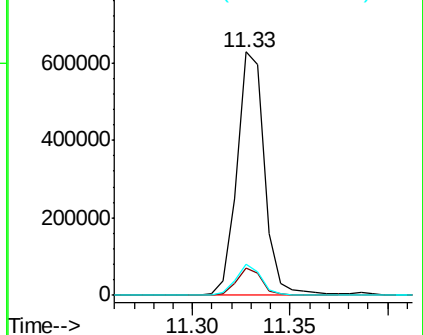
80 12.6 9.0 13.4



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: BF121689.D

Acq: 24 Sep 2020 18:54

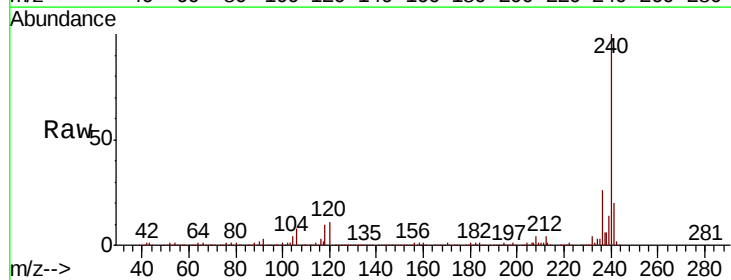
Tgt Ion:240 Resp: 577251

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

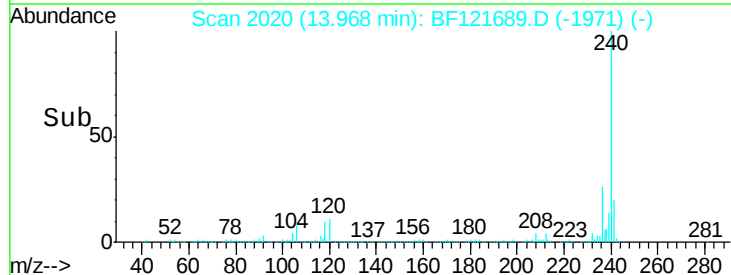
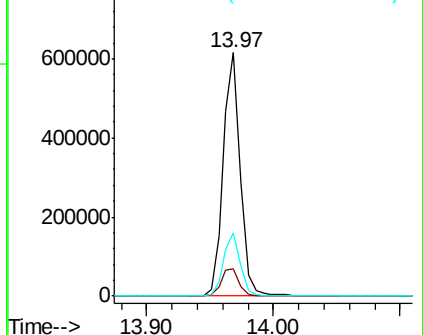
236 25.8 20.4 30.6



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: 81.342 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampled :

MW2

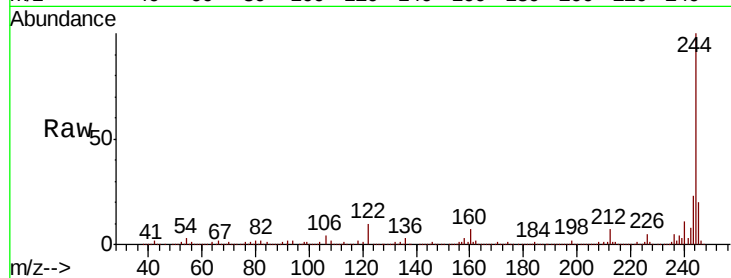
Tot Ion:244 Resp: 2317726

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

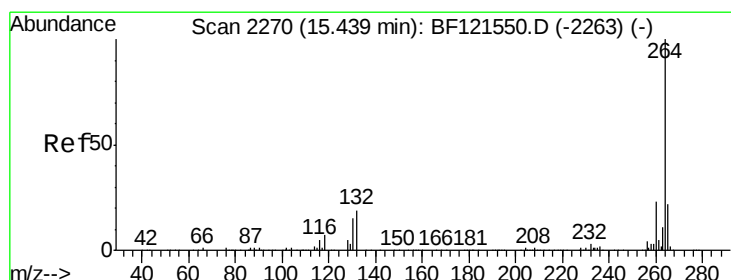
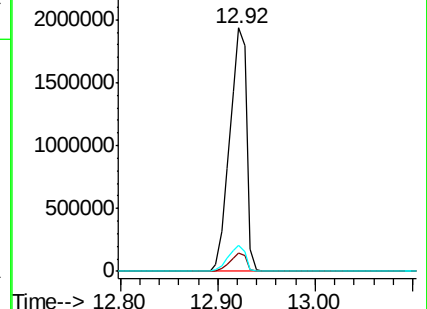
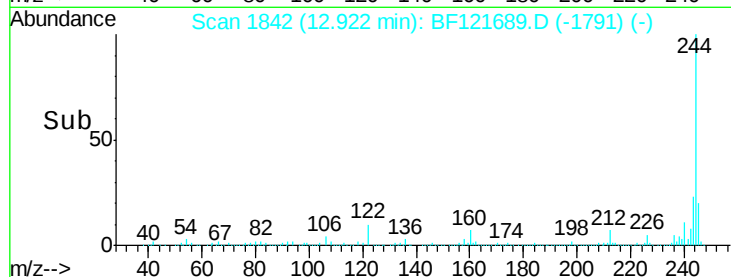
122 10.4 7.4 11.0



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

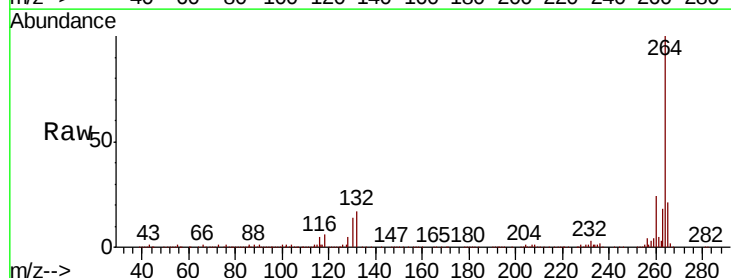
Tgt Ion:264 Resp: 487031

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 20.8 17.3 25.9



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

