

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121660.D
 Acq On : 23 Sep 2020 1:31
 Operator : JU/CG
 Sample : L3872-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-092120

Quant Time: Sep 23 05:37:33 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	6.81	152	149632	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585568	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	312033	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	598683	20.00	ng	0.00
76) Chrysene-d12	13.97	240	497493	20.00	ng	-0.01
86) Perylene-d12	15.42	264	369859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1099459	109.20	ng	0.02
7) Phenol-d6	6.45	99	1282135	97.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	1100157	100.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	568142	146.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1914302	92.92	ng	0.00
79) Terphenyl-d14	12.93	244	2208819	89.95	ng	0.00

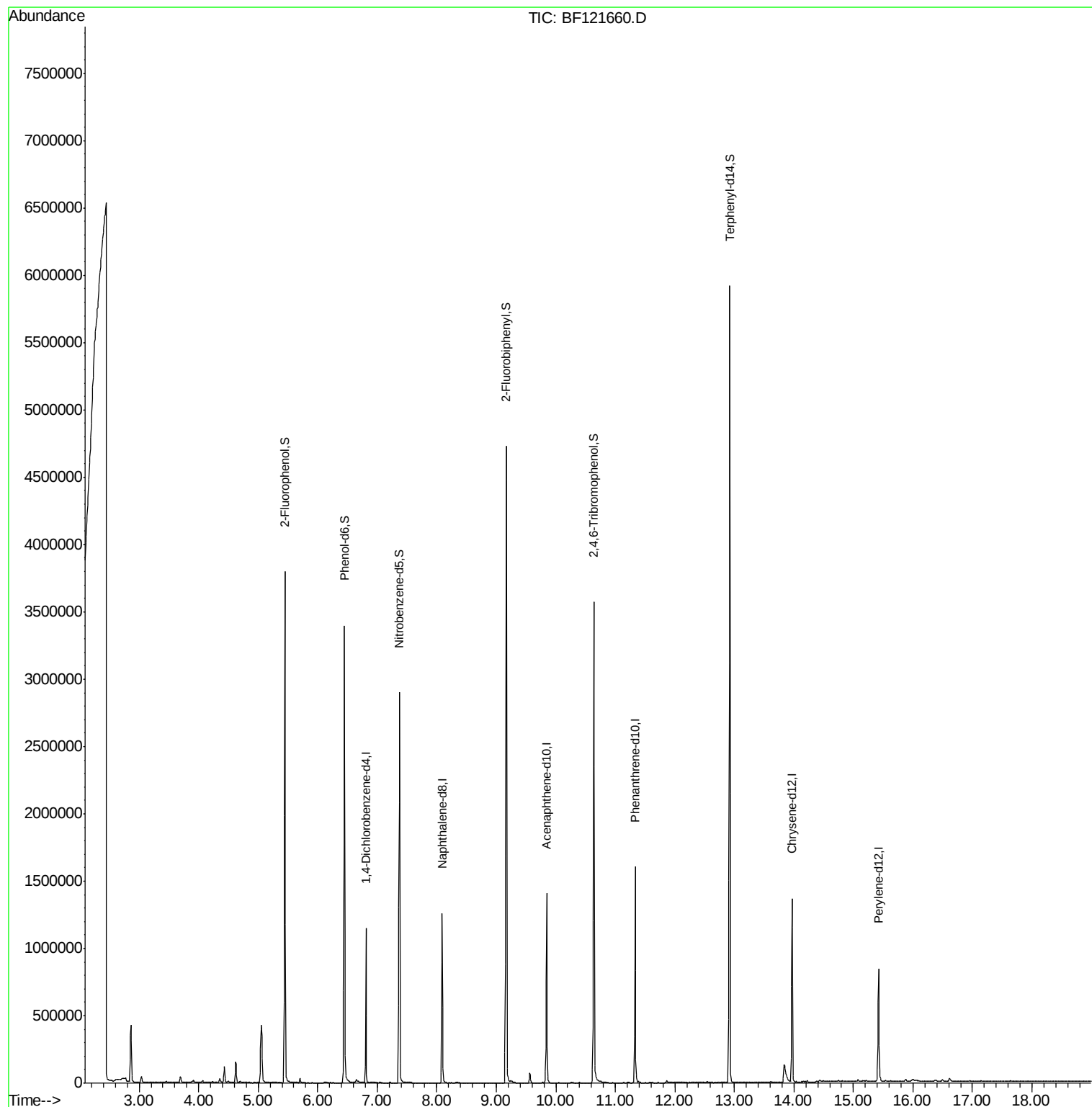
Target Compounds Qvalue

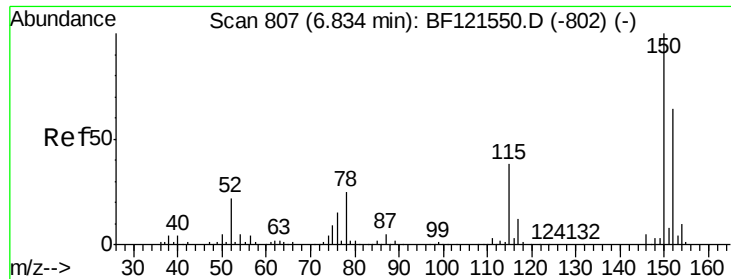
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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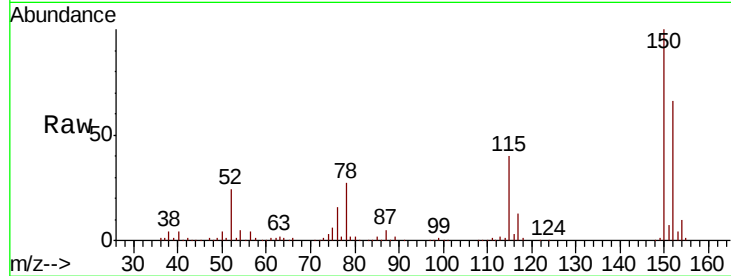


#1

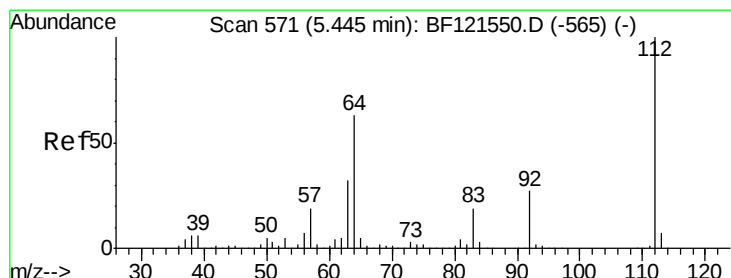
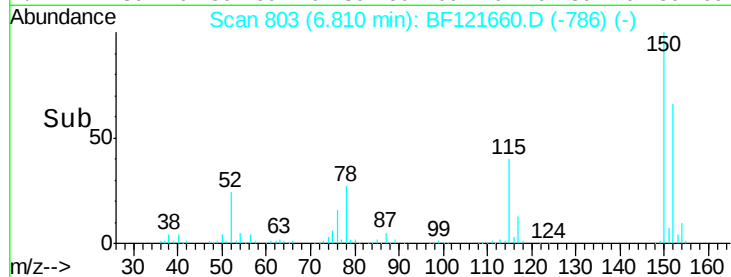
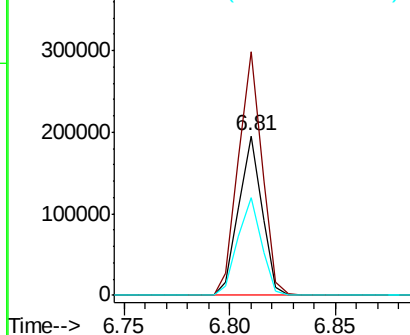
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-092120

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	128.1	192.1
115	61.3	52.6	79.0



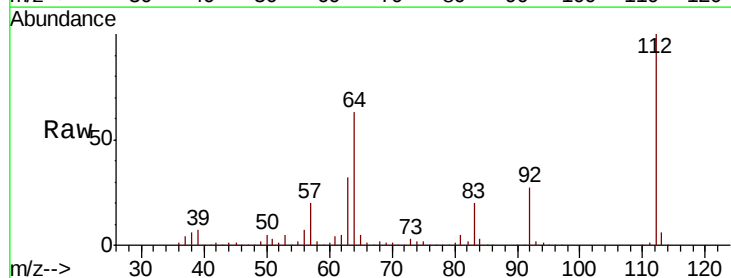
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



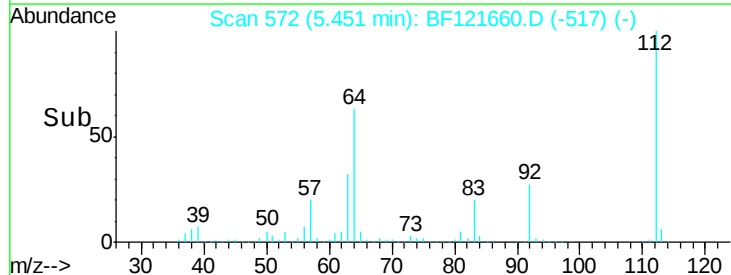
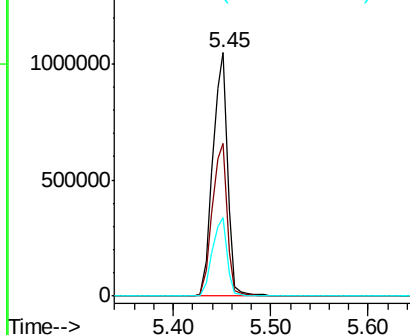
#5

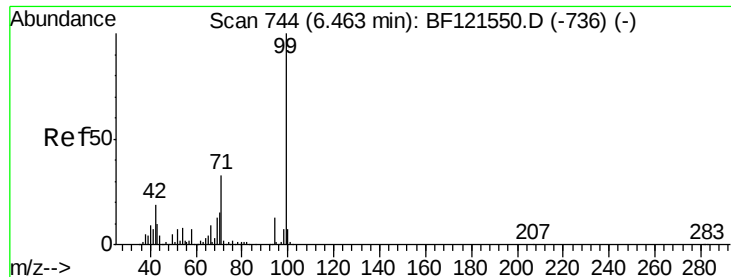
2-Fluorophenol
 Concen: 109.197 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.02 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	52.2	78.2
63	32.5	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: 97.062 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Instrument :

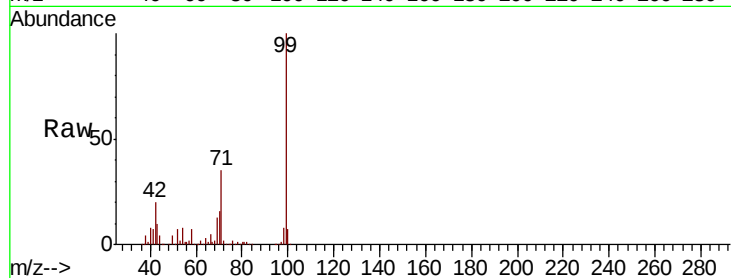
BNA_F

ClientSampleId :

BU-02-092120

Tot Ion: 99 Resp: 1282135

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	35.4	27.4	41.2

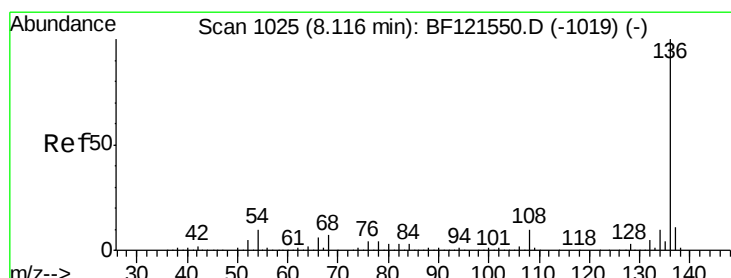
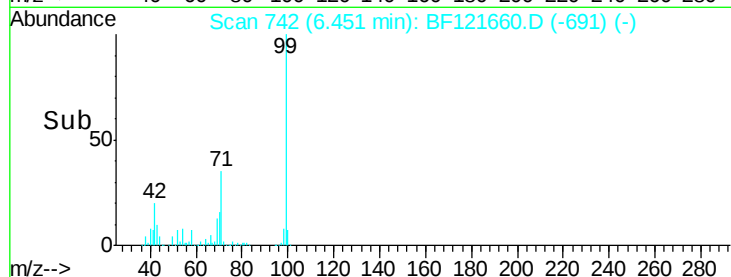
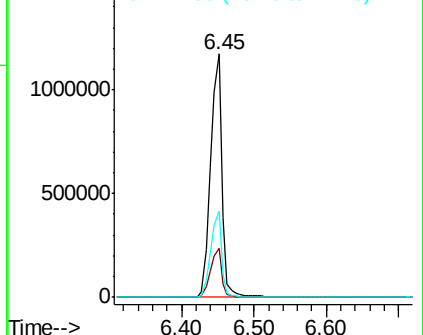


Abundance

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: BF121660.D

Acq: 23 Sep 2020 1:31

Tgt Ion: 136 Resp: 585568

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.4	11.0
68	6.5	5.3	7.9

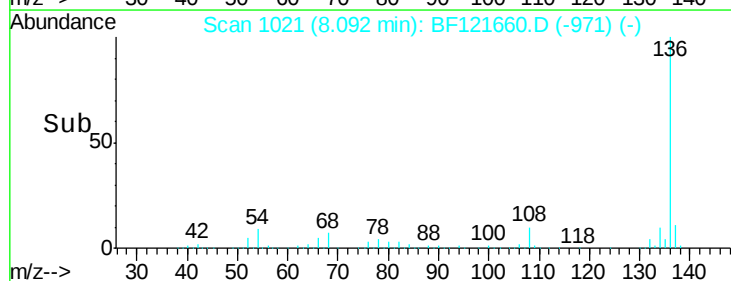
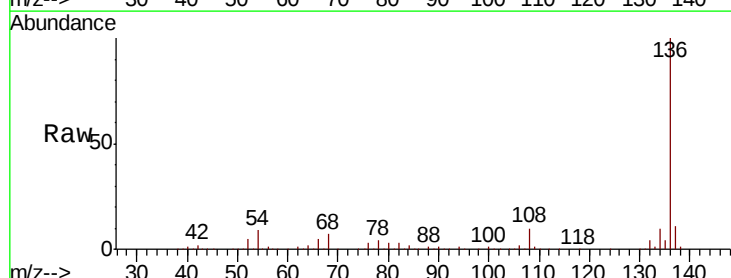
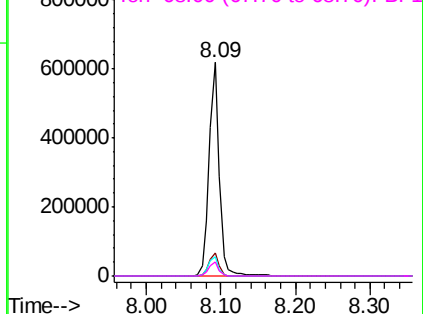
Abundance

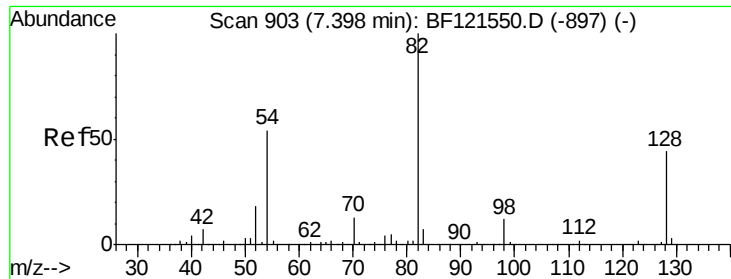
Ion 136.00 (135.70 to 136.70): E

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



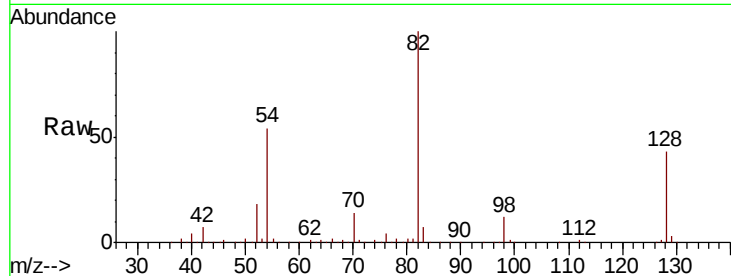


#23
 Nitrobenzene-d5
 Concen: 100.875 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

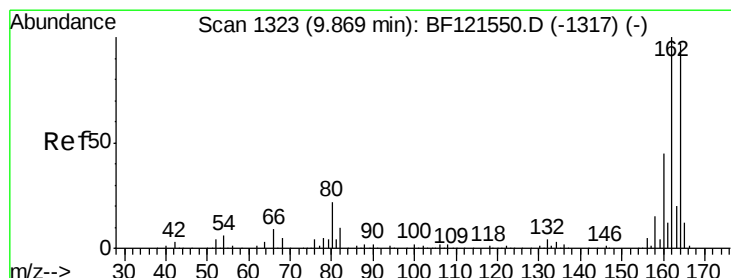
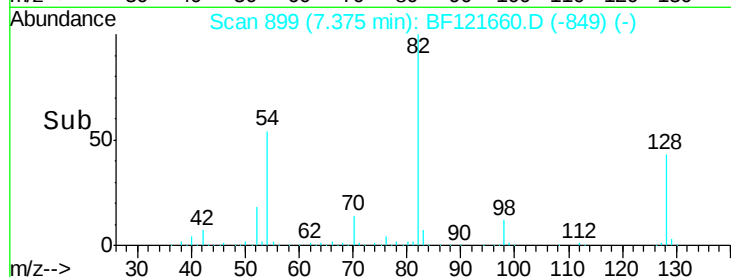
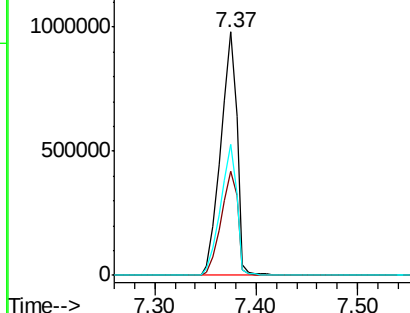
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-092120

Tot Ion: 82 Resp: 1100157

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.9	50.9
54	54.0	42.9	64.3



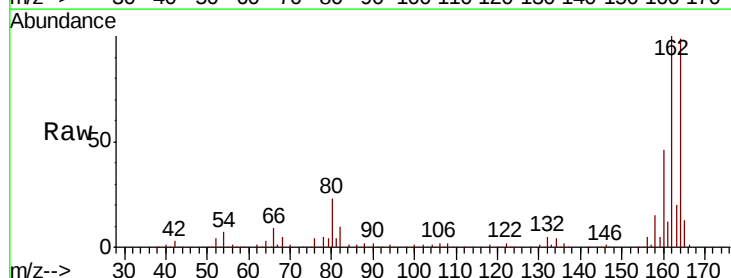
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



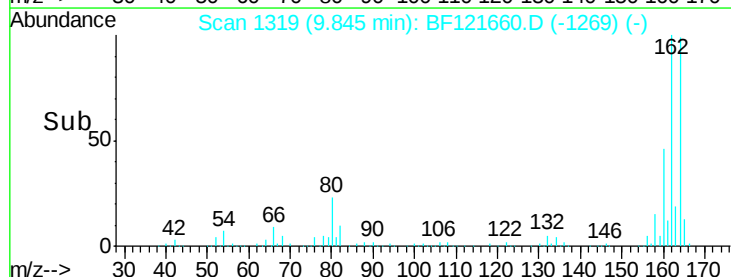
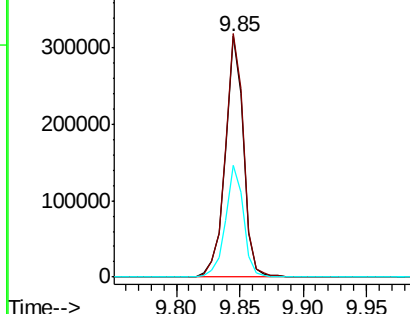
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121660.D
 Acq: 23 Sep 2020 1:31

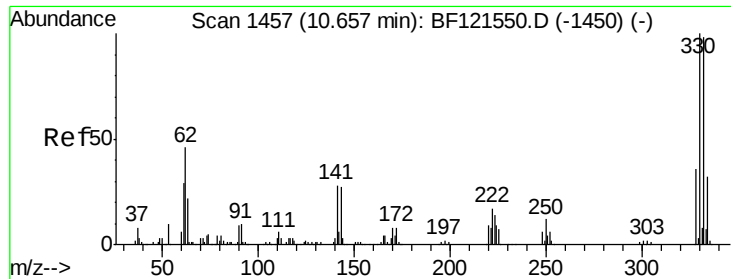
Tgt Ion: 164 Resp: 312033

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	46.2	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

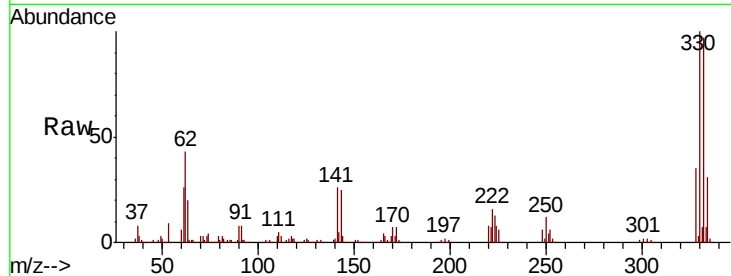




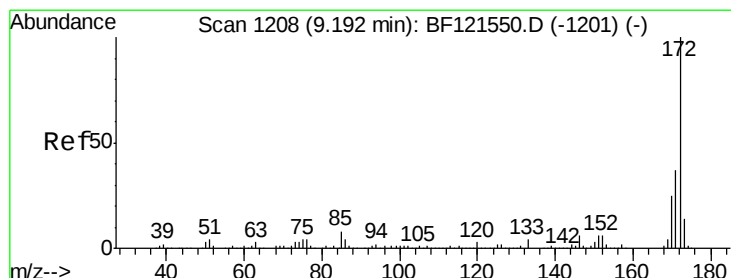
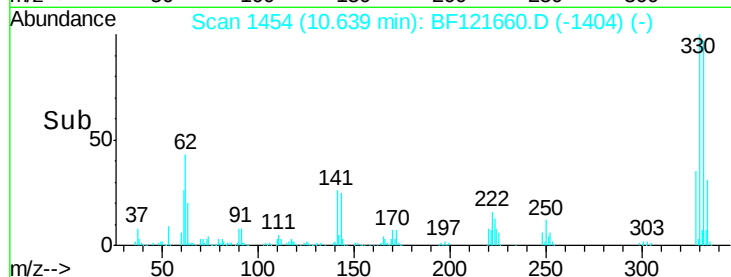
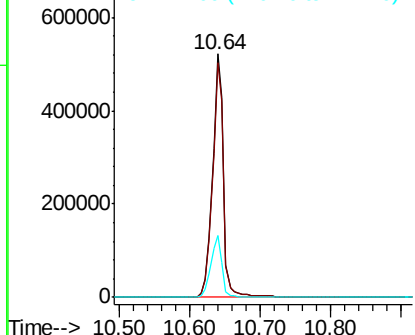
#42
2,4,6-Tribromophenol
Concen: 146.498 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Instrument :
BNA_F
ClientSampleId :
BU-02-092120

Tot Ion:330 Resp: 568142
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 26.2 22.4 33.6

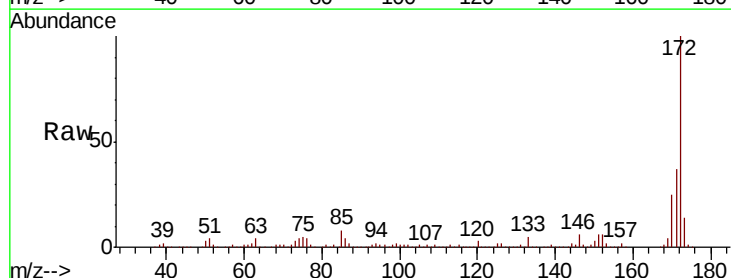


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

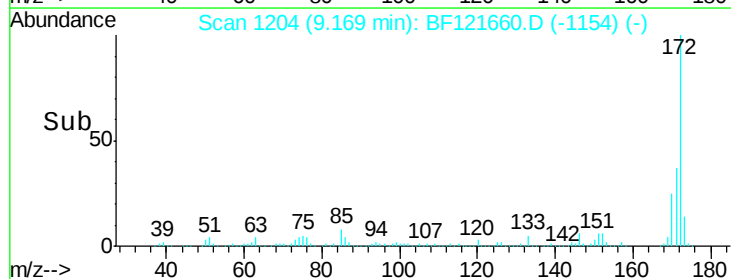
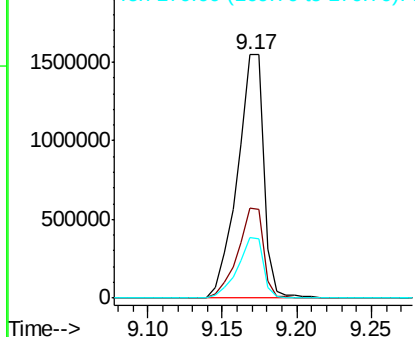


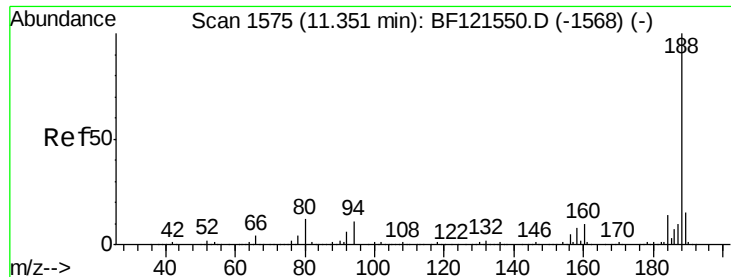
#45
2-Fluorobiphenyl
Concen: 92.915 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Tgt Ion:172 Resp: 1914302
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 24.8 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

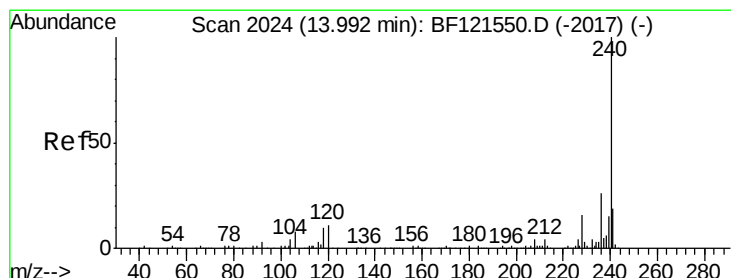
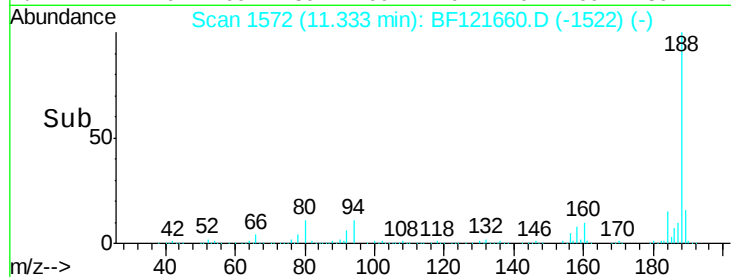
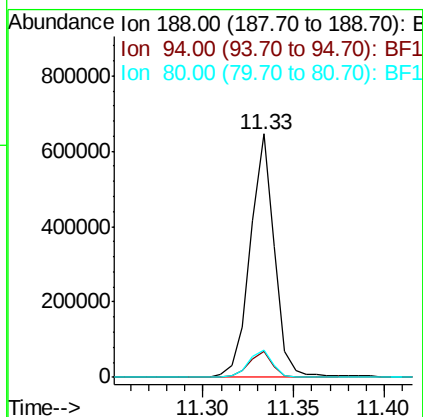
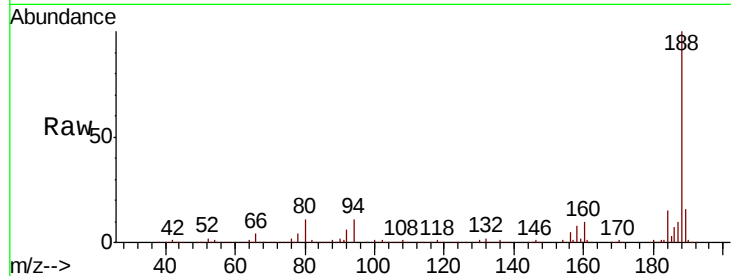




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

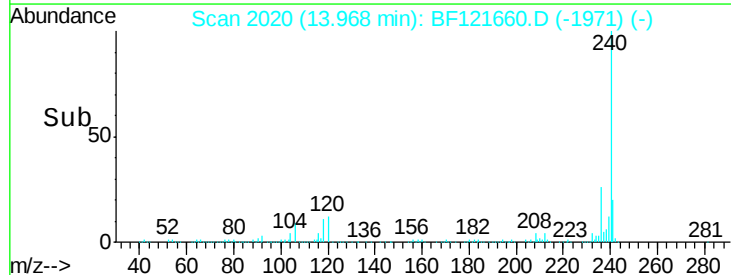
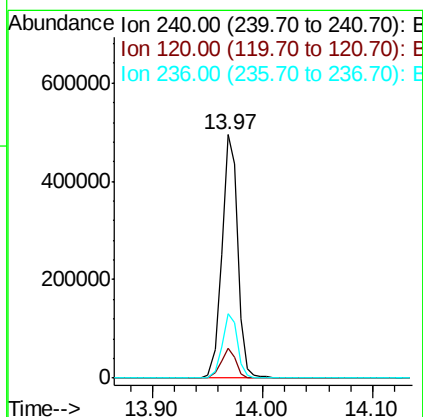
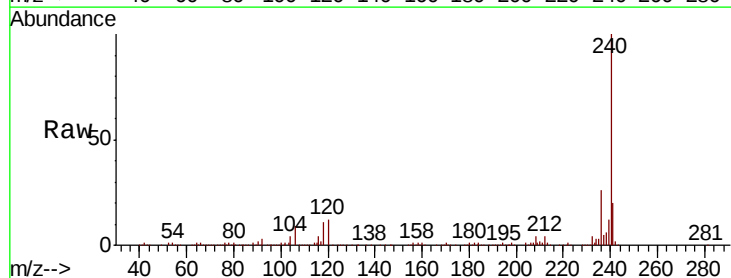
Instrument :
BNA_F
ClientSampleId :
BU-02-092120

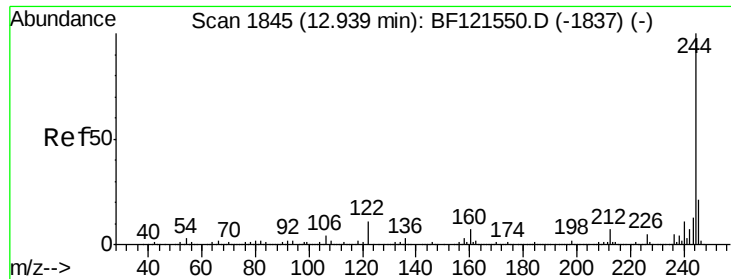
Tot Ion:188 Resp: 598683
Ion Ratio Lower Upper
188 100
94 10.6 8.4 12.6
80 11.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121660.D
Acq: 23 Sep 2020 1:31

Tgt Ion:240 Resp: 497493
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 89.948 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121660.D

Acq: 23 Sep 2020 1:31

Instrument :

BNA_F

ClientSampleId :

BU-02-092120

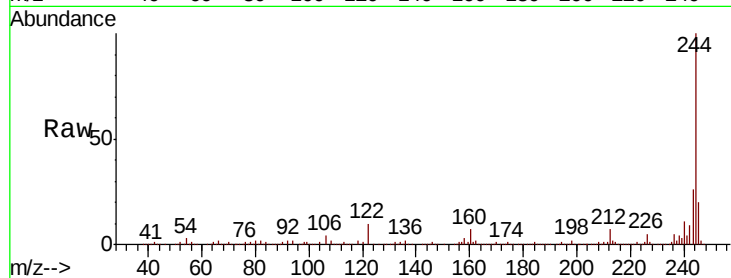
Tot Ion:244 Resp: 2208819

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

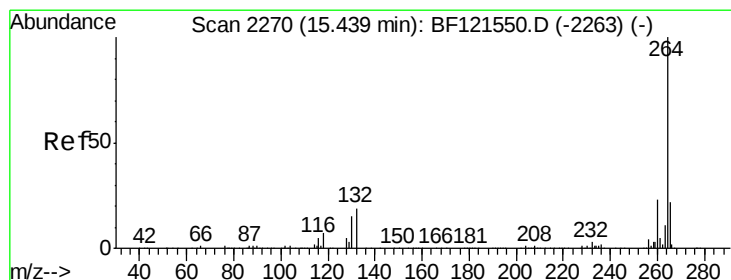
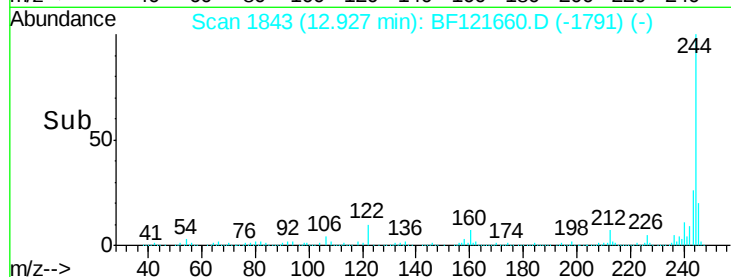
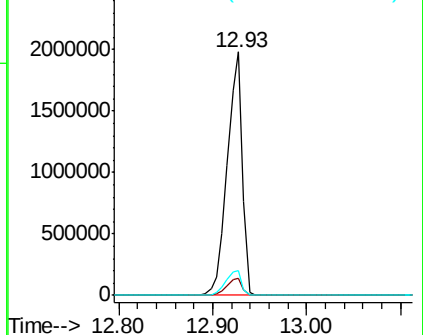
122 10.2 7.4 11.0



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: BF121660.D

Acq: 23 Sep 2020 1:31

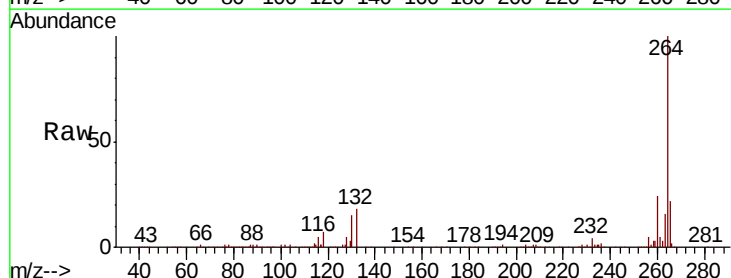
Tgt Ion:264 Resp: 369859

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.9 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

