

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114856.D
 Acq On : 6 Jun 2019 12:10
 Operator : HP/JU
 Sample : K3150-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Quant Time: Jun 07 00:16:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	440990	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1751064	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	925940	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1900879	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1387974	20.00	ng	0.00
87) Perylene-d12	15.19	264	1247555	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2709570	107.36	ng	0.04
7) Phenol-d6	6.32	99	3032852	98.76	ng	0.01
23) Nitrobenzene-d5	7.23	82	2302397	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1226988	122.96	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4254641	86.08	ng	0.00
79) Terphenyl-d14	12.76	244	4700566	65.86	ng	0.01

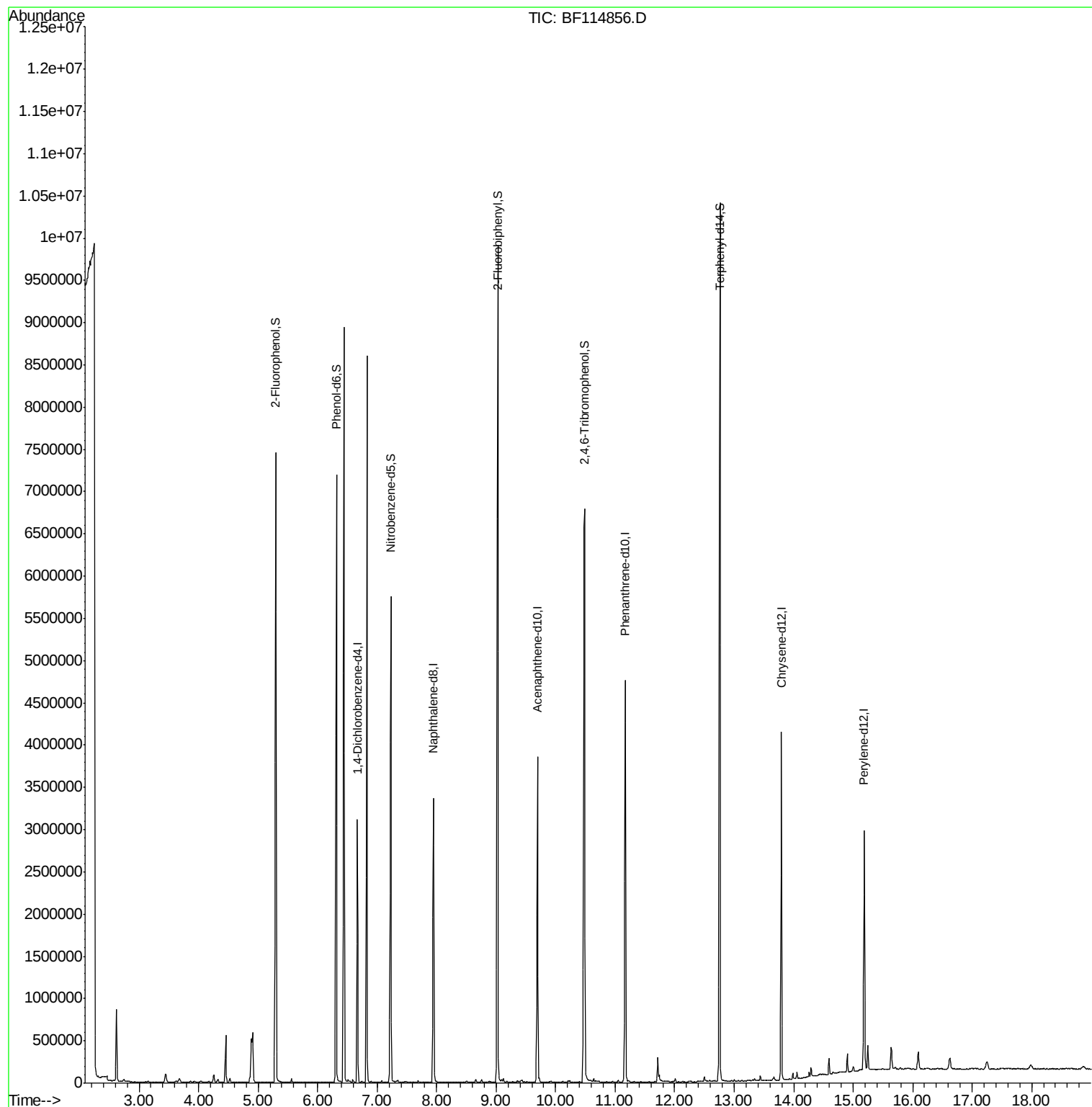
Target Compounds Qvalue

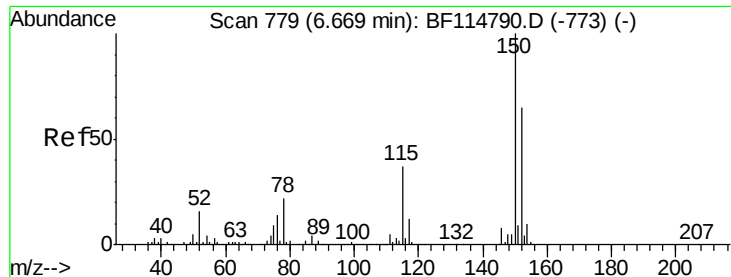
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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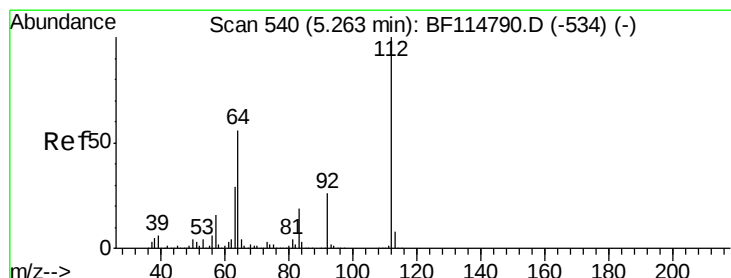
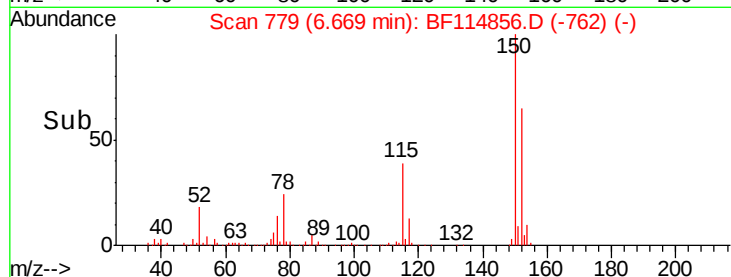
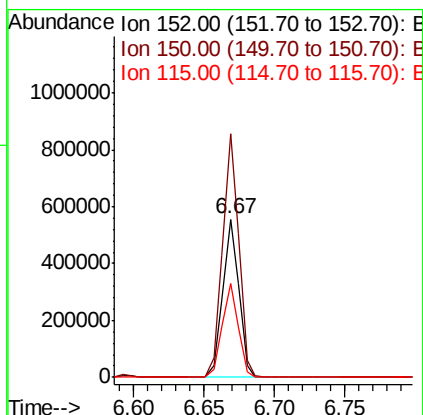
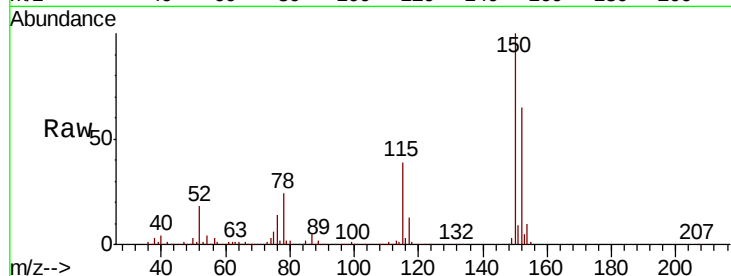


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

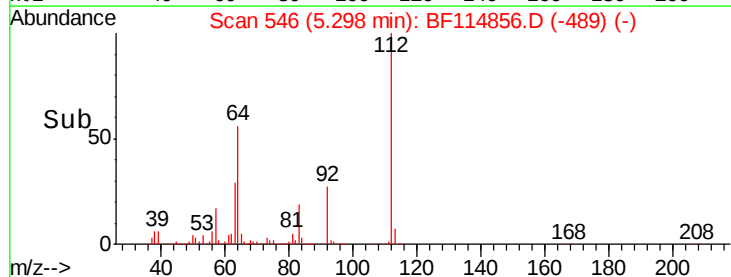
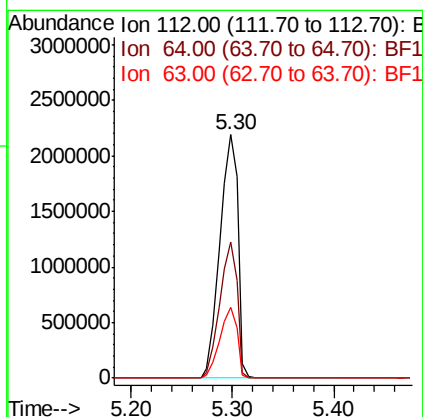
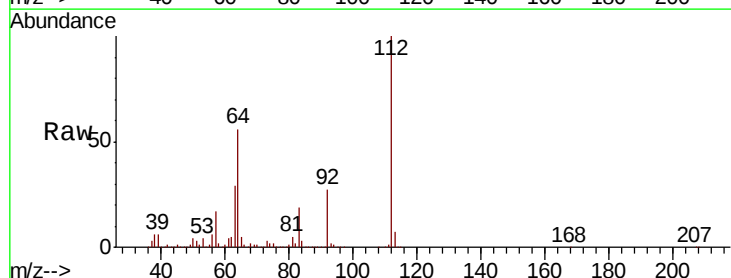
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.6	46.3	69.5

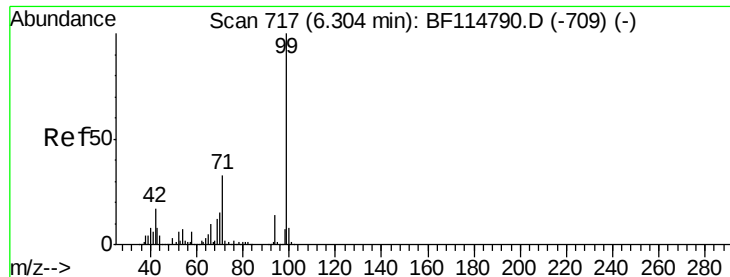


#5

2-Fluorophenol
Concen: 107.362 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.6	66.8
63	29.3	23.0	34.4





#7

Phenol-d6

Concen: 98.760 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114856.D

Acq: 6 Jun 2019 12:10

Instrument :

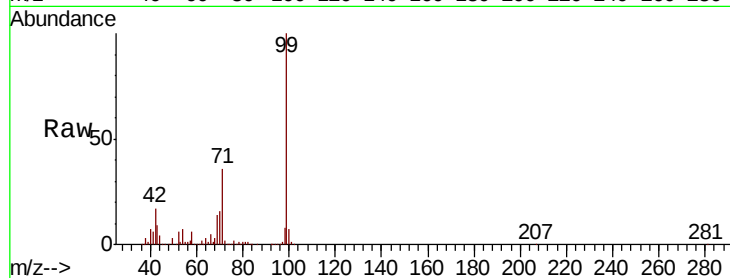
BNA_F

ClientSampleId :

IRONBOUND-TP

Tot Ion: 99 Resp: 3032852

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.3	19.9
71	35.5	26.3	39.5

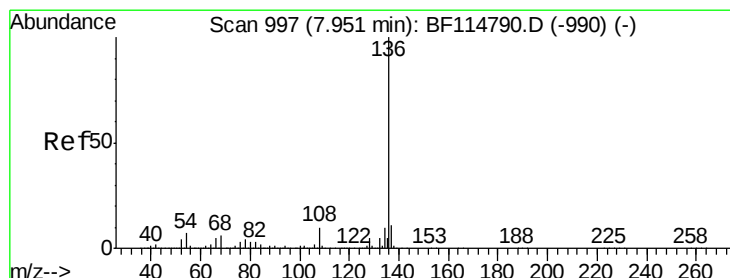
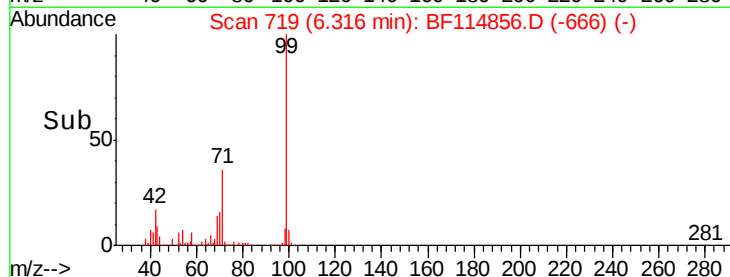


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

Time--> 6.20 6.30 6.40



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

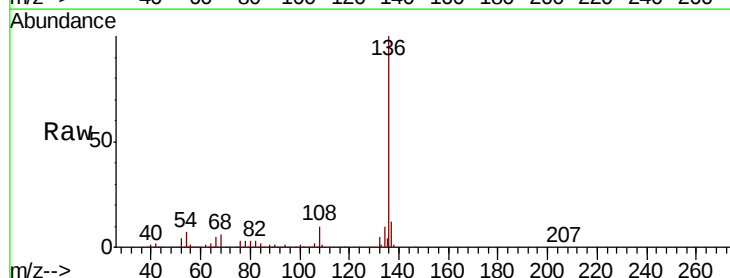
Delta R.T. -0.01 min

Lab File: BF114856.D

Acq: 6 Jun 2019 12:10

Tgt Ion: 136 Resp: 1751064

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.3	5.4	8.0
68	6.4	4.6	6.8



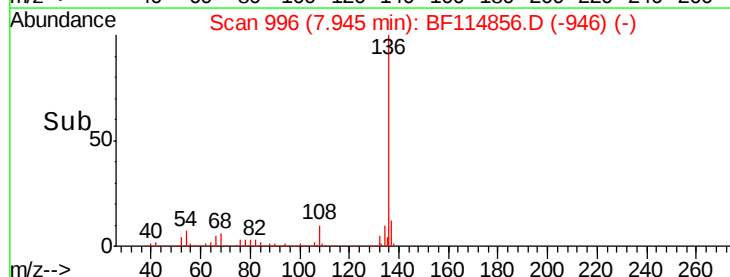
Abundance Ion 136.00 (135.70 to 136.70): E

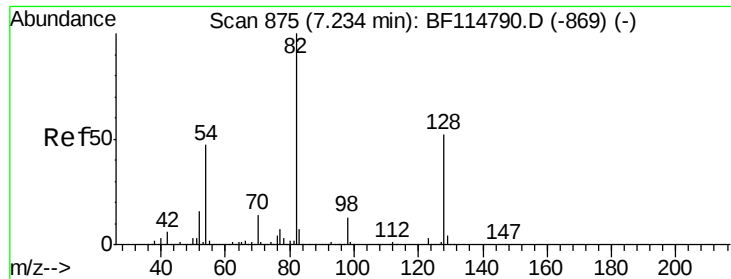
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time--> 7.90 8.00 8.10



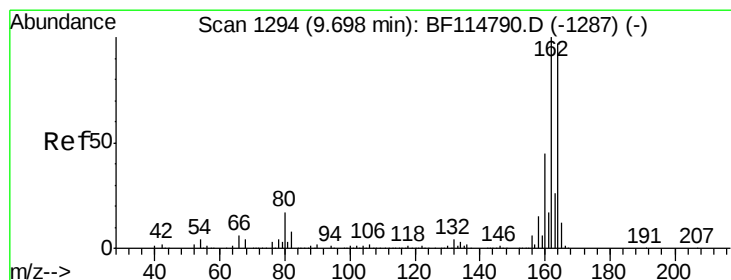
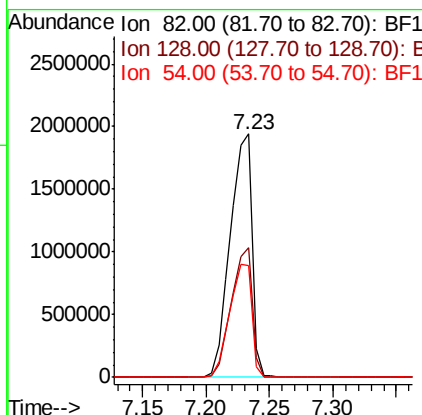
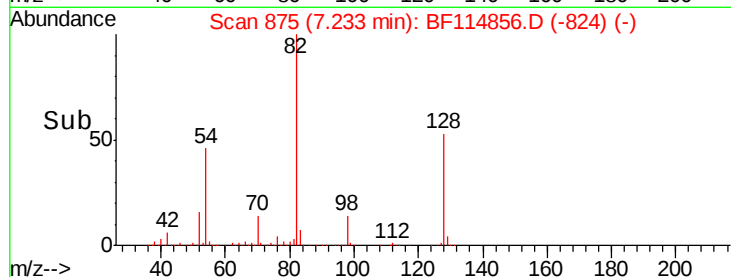
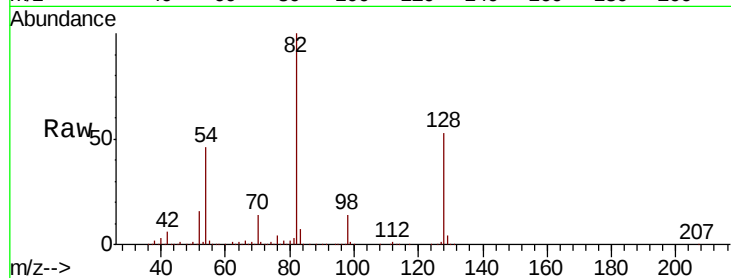


#23
 Nitrobenzene-d5
 Concen: 80.941 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF114856.D
 Acq: 6 Jun 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Tot Ion: 82 Resp: 2302397

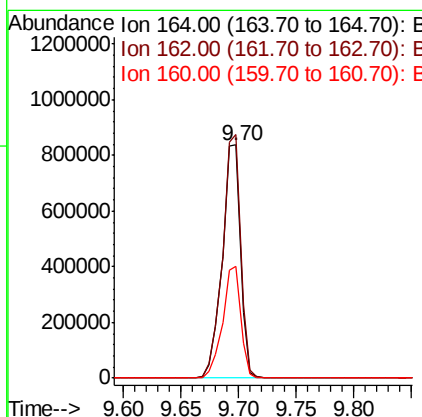
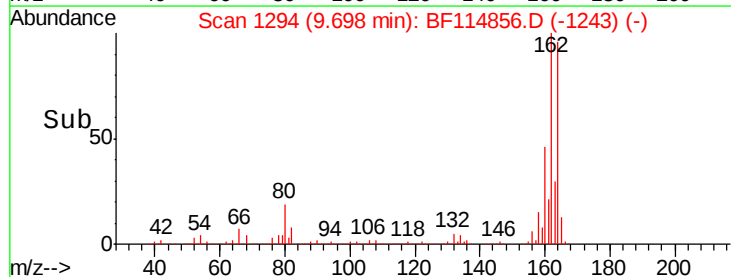
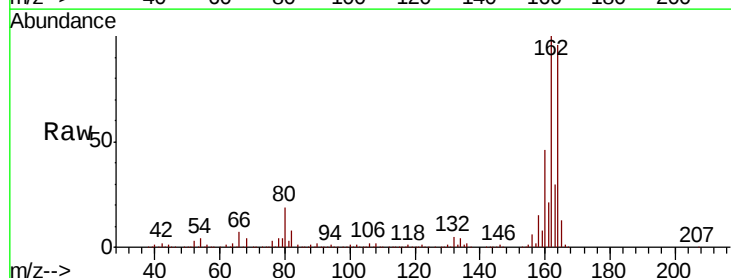
Ion	Ratio	Lower	Upper
82	100		
128	53.3	41.8	62.6
54	45.7	37.9	56.9

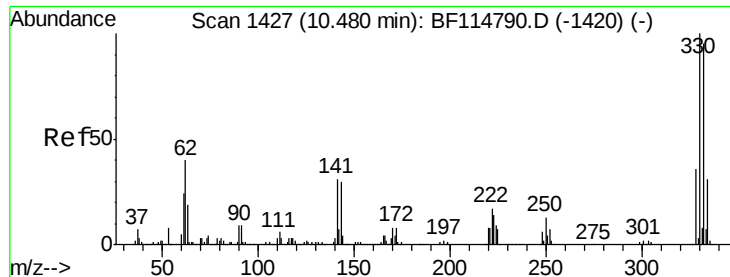


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF114856.D
 Acq: 6 Jun 2019 12:10

Tgt Ion: 164 Resp: 925940

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.3	123.5
160	47.9	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 122.964 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114856.D

Acq: 6 Jun 2019 12:10

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TP

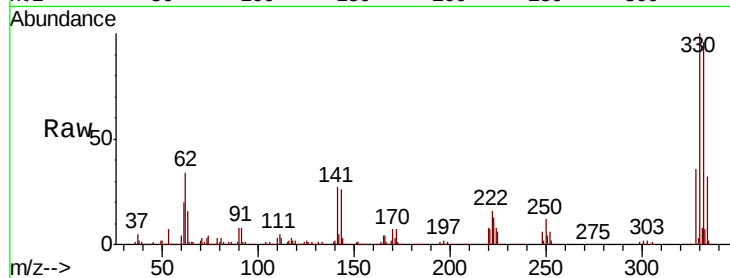
Tot Ion:330 Resp: 1226988

Ion Ratio Lower Upper

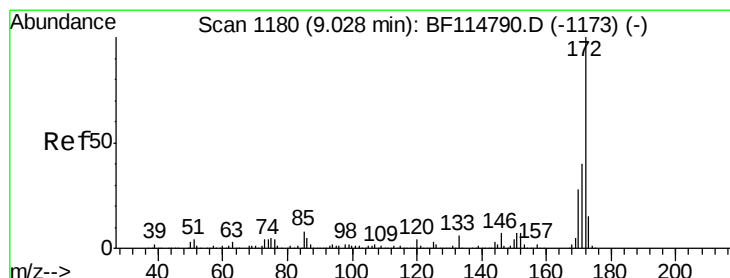
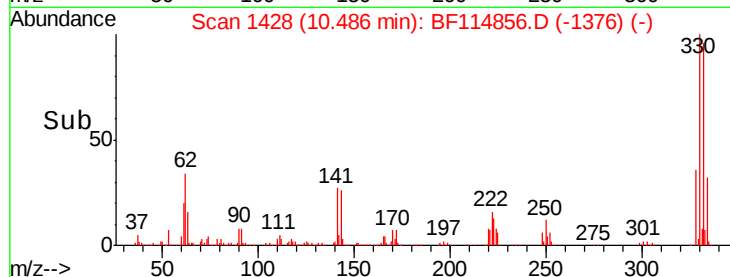
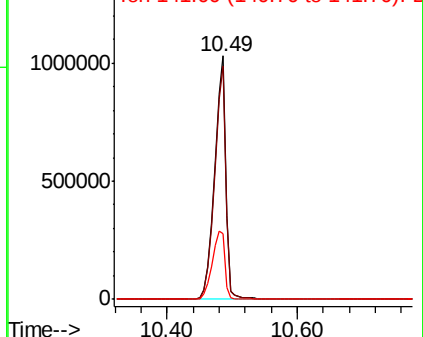
330 100

332 96.2 77.3 115.9

141 31.9 26.2 39.4



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: 86.076 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF114856.D

Acq: 6 Jun 2019 12:10

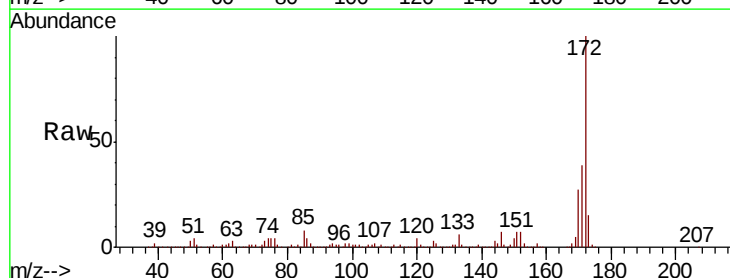
Tgt Ion:172 Resp: 4254641

Ion Ratio Lower Upper

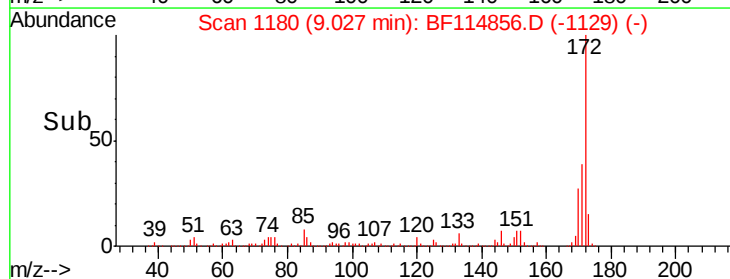
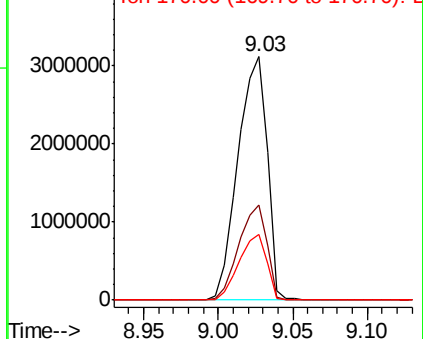
172 100

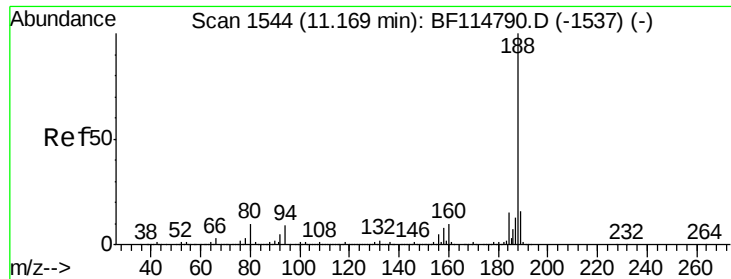
171 39.3 32.3 48.5

170 27.1 22.4 33.6



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

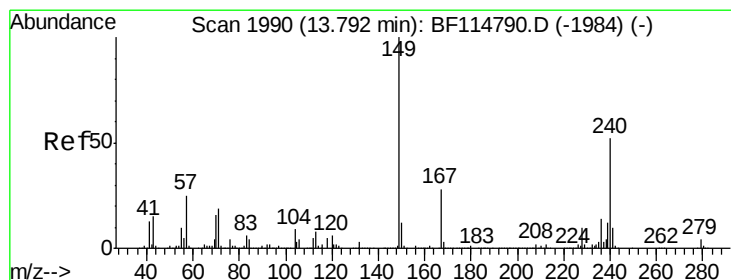
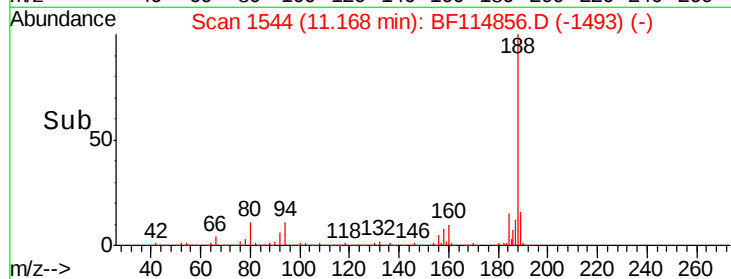
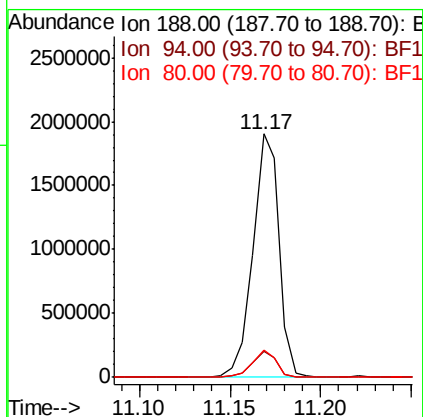
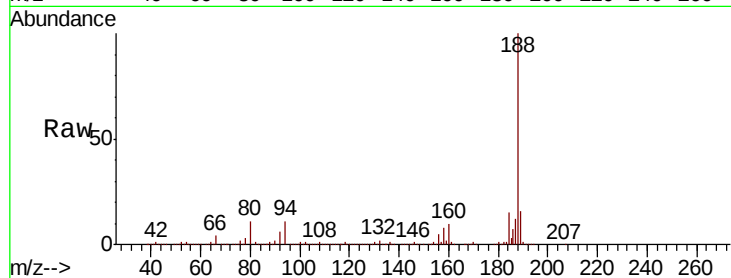




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

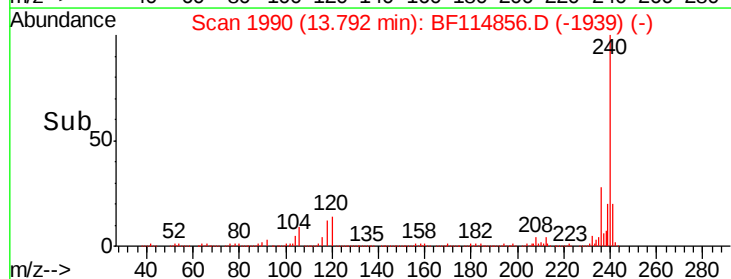
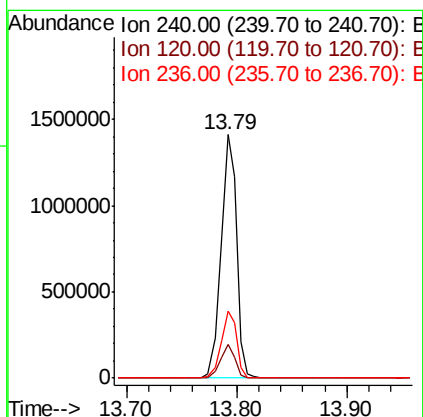
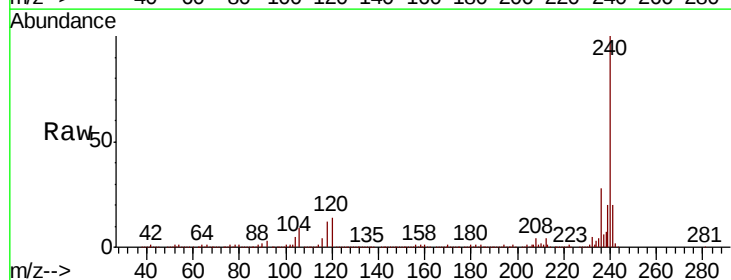
Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

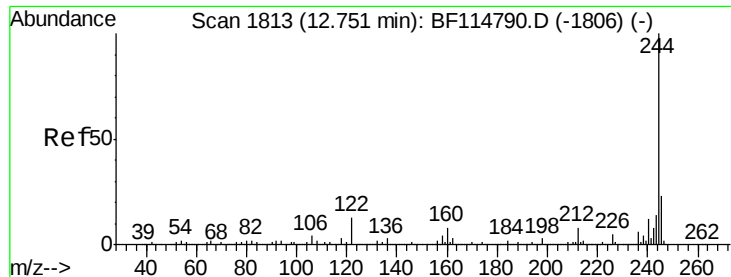
Tot Ion:188 Resp: 1900879
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 11.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114856.D
Acq: 6 Jun 2019 12:10

Tgt Ion:240 Resp: 1387974
Ion Ratio Lower Upper
240 100
120 13.6 9.0 13.4#
236 27.7 21.4 32.0

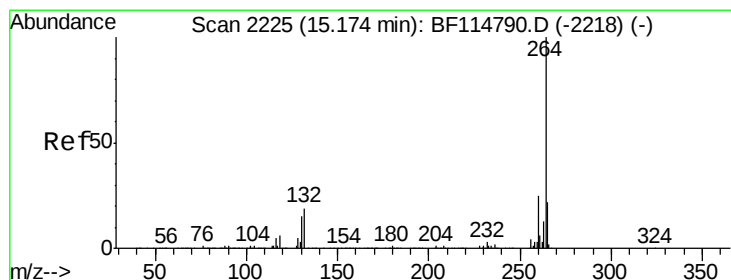
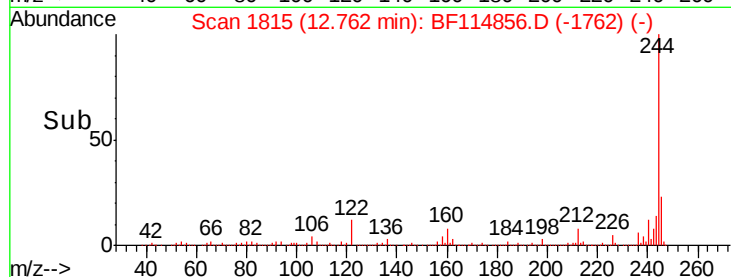
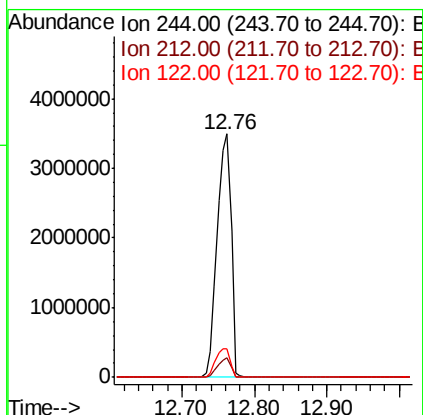
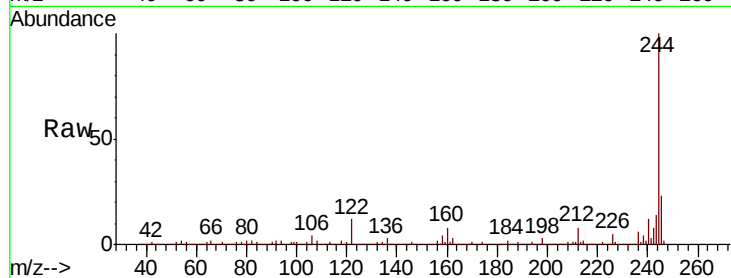




#79
 Terphenyl-d14
 Concen: 65.862 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF114856.D
 Acq: 6 Jun 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Tot Ion:244 Resp: 4700566
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.9 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BF114856.D
 Acq: 6 Jun 2019 12:10

Tgt Ion:264 Resp: 1247555
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.7 17.7 26.5

