

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114852.D
 Acq On : 6 Jun 2019 10:25
 Operator : HP/JU
 Sample : K3151-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-B

Quant Time: Jun 07 00:09:55 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	419207	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1636002	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	857859	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1741803	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1315507	20.00	ng	0.00
87) Perylene-d12	15.21	264	1154859	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2528661	105.40	ng	0.04
7) Phenol-d6	6.32	99	2868792	98.27	ng	0.01
23) Nitrobenzene-d5	7.23	82	2109301	79.37	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1123697	121.55	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3897051	85.10	ng	0.00
79) Terphenyl-d14	12.76	244	4424239	65.41	ng	0.01

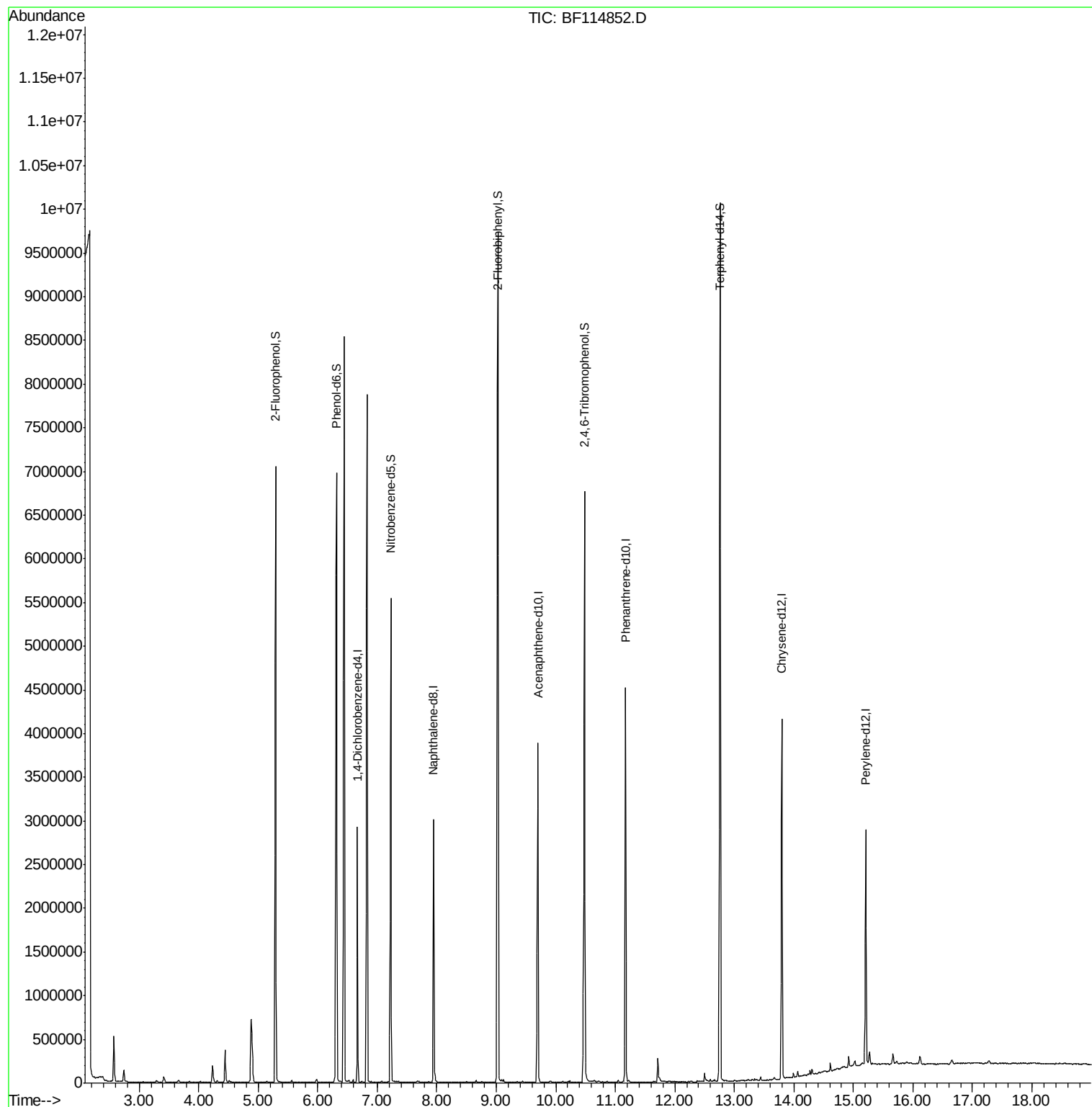
Target Compounds Qvalue

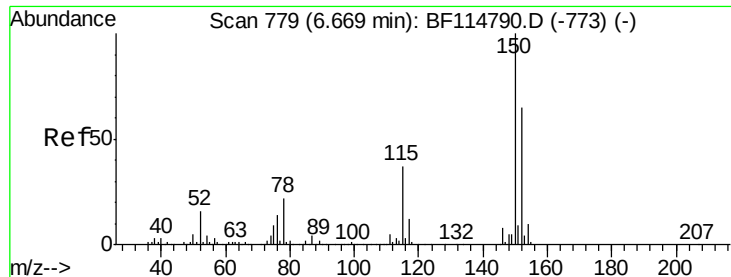
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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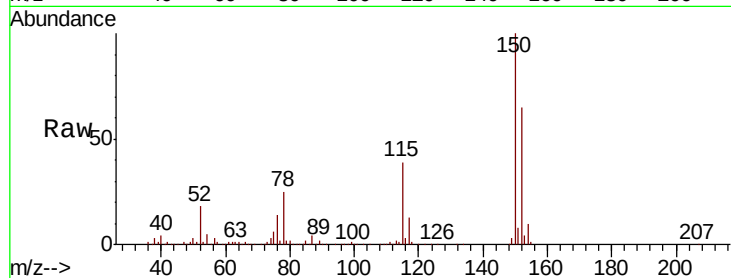


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.9	46.3	69.5

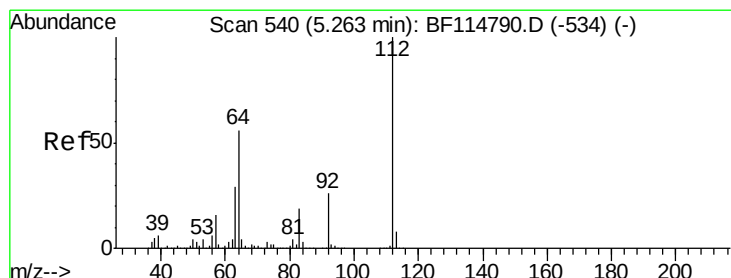
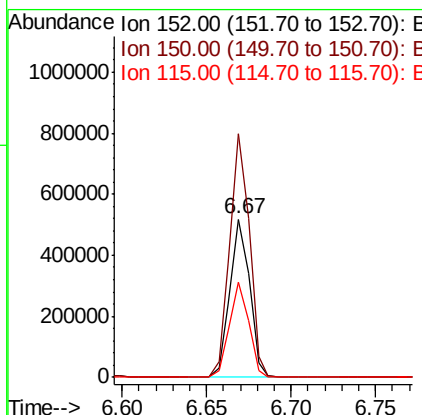
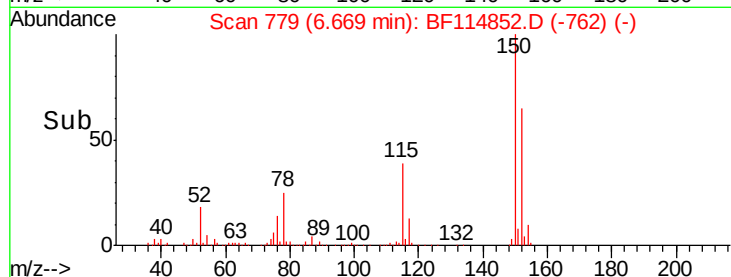


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

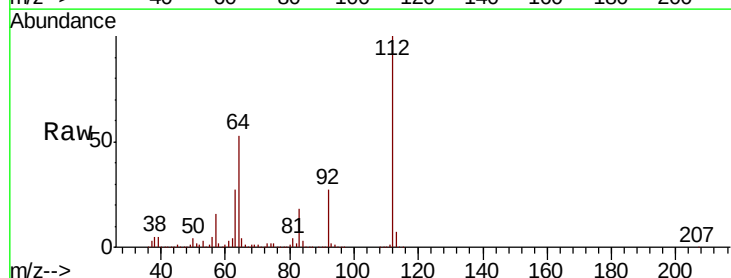
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.401 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.6	66.8
63	27.5	23.0	34.4

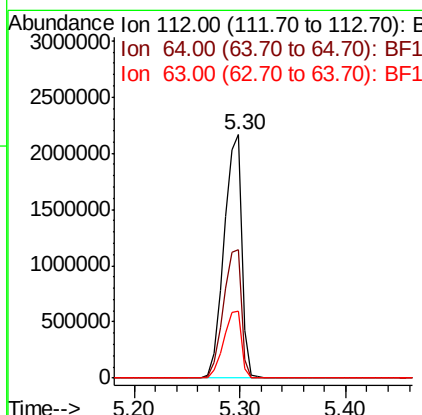
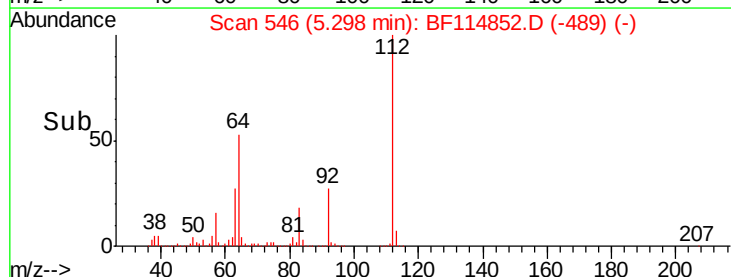


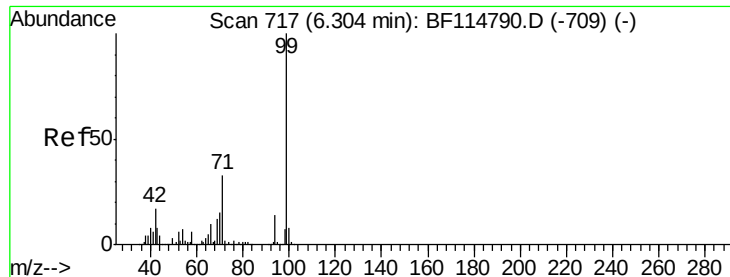
Abundance

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: 98.272 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-B

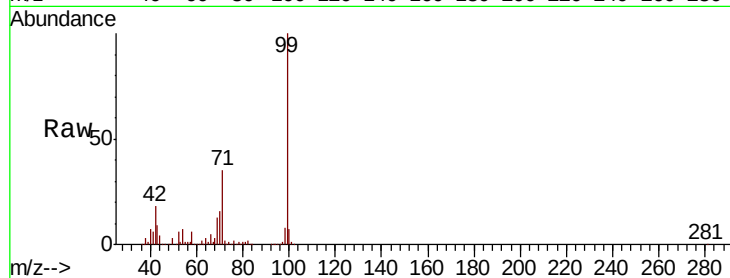
Tot Ion: 99 Resp: 2868792

Ion Ratio Lower Upper

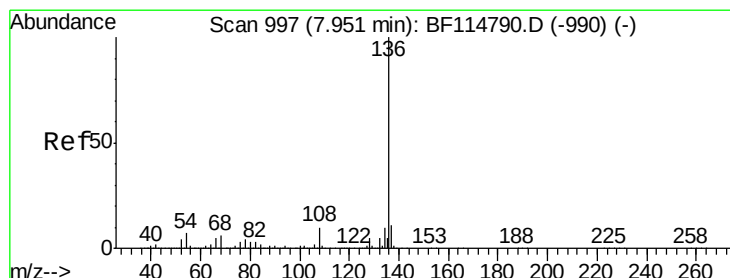
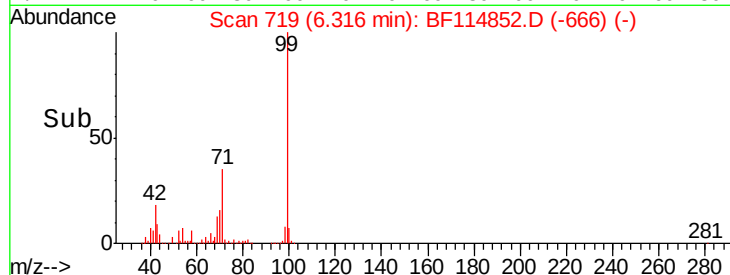
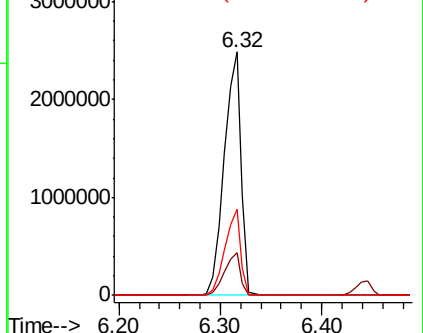
99 100

42 17.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Tgt Ion: 136 Resp: 1636002

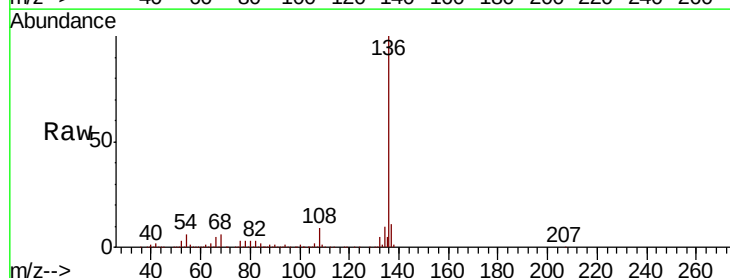
Ion Ratio Lower Upper

136 100

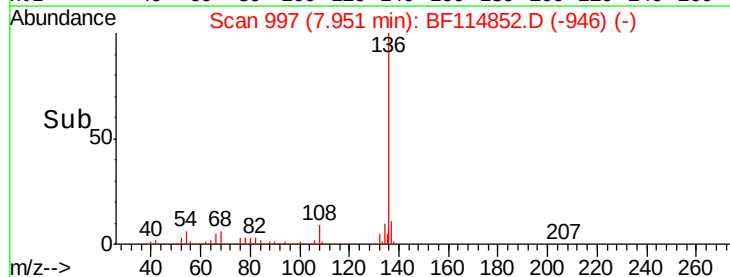
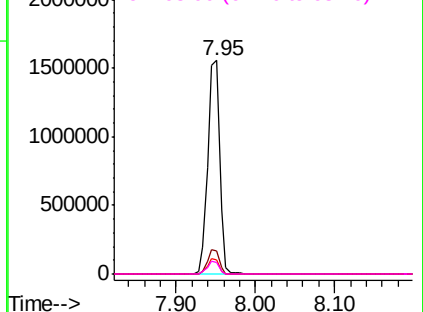
137 10.9 9.1 13.7

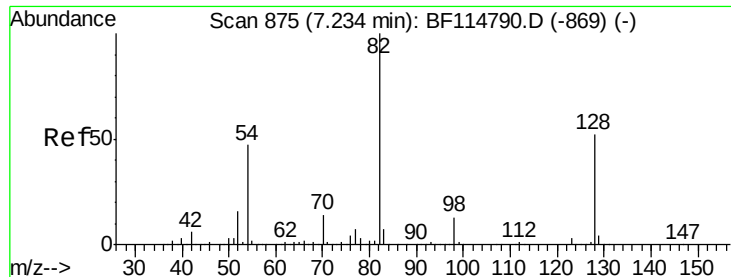
54 6.4 5.4 8.0

68 5.5 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

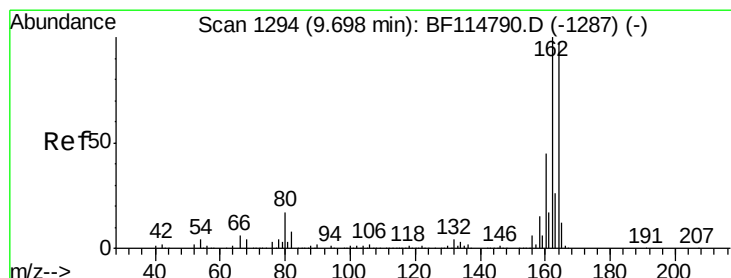
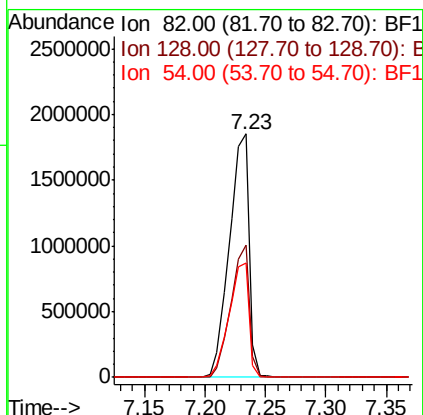
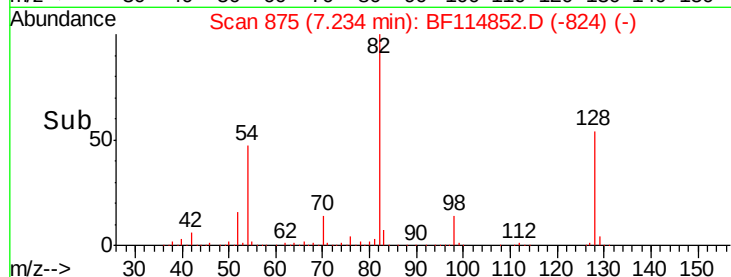
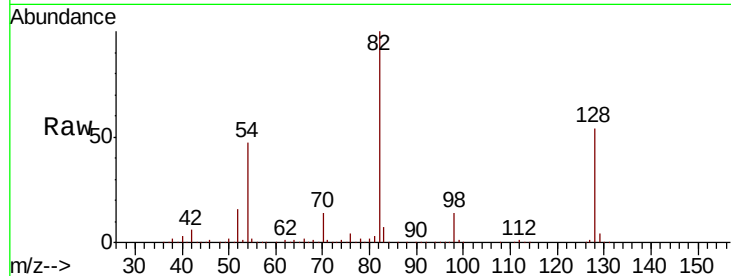




#23
Nitrobenzene-d5
Concen: 79.367 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

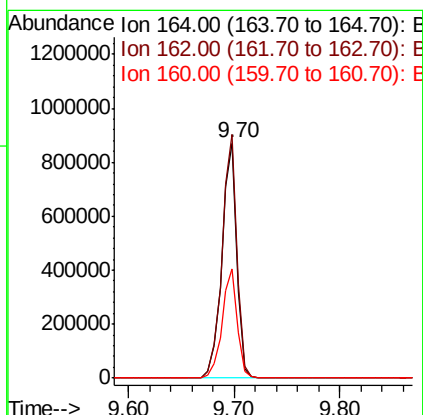
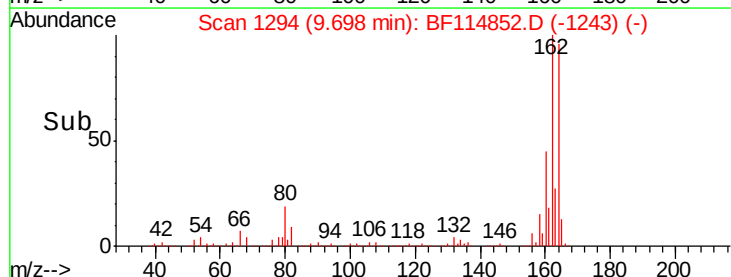
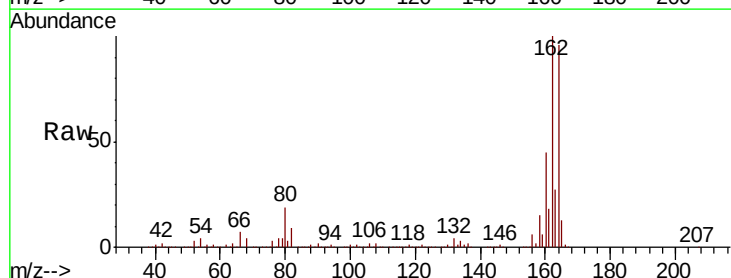
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-B

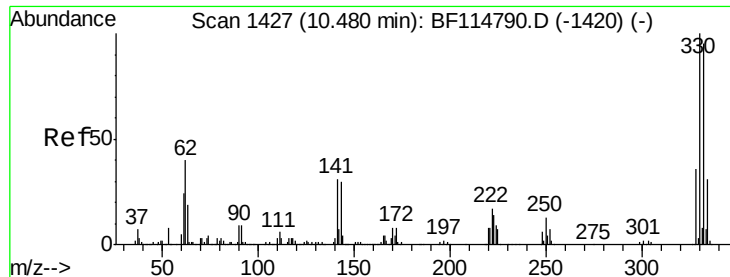
Tot Ion: 82 Resp: 2109301
Ion Ratio Lower Upper
82 100
128 54.2 41.8 62.6
54 46.8 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion:164 Resp: 857859
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 46.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 121.549 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

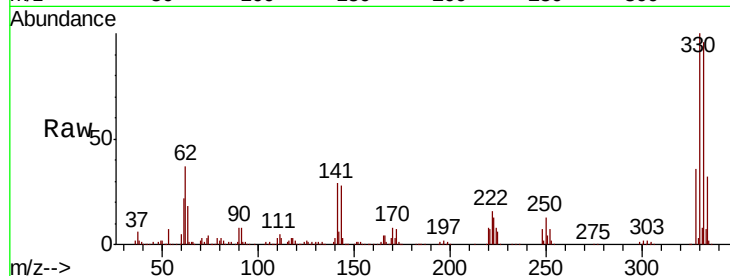
BNA_F

ClientSampleId :

AU-06-060419-B

Tot Ion:330 Resp: 1123697

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.0	26.2	39.4

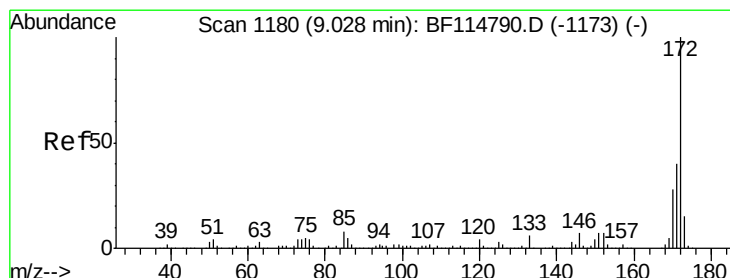
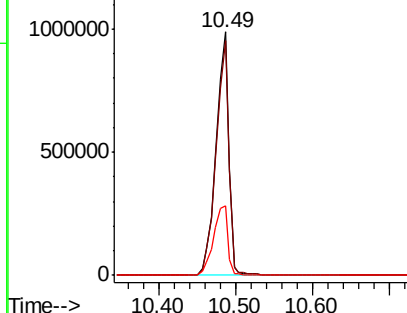
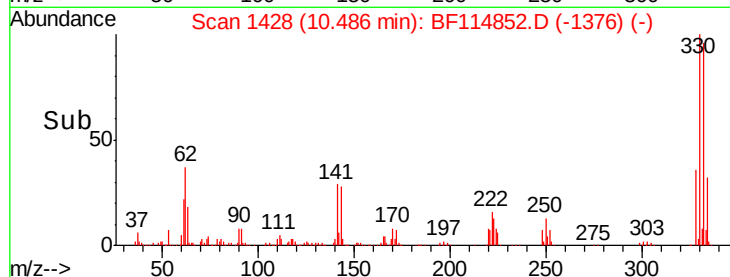


Abundance

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: 85.098 ng

RT: 9.03 min Scan# 1180

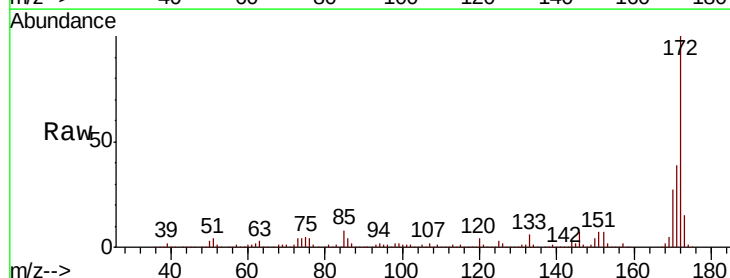
Delta R.T. 0.00 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Tgt Ion:172 Resp: 3897051

Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.3	48.5
170	27.2	22.4	33.6

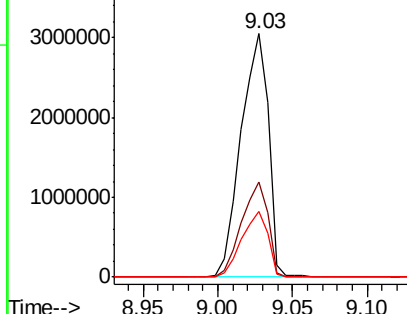
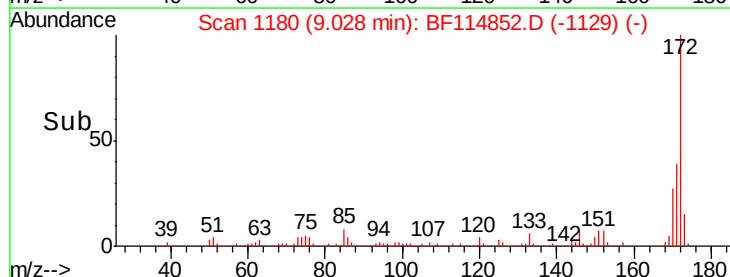


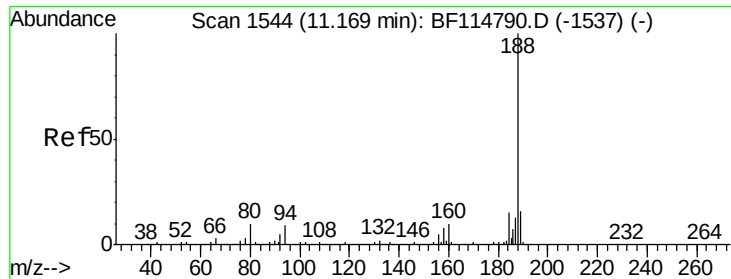
Abundance

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

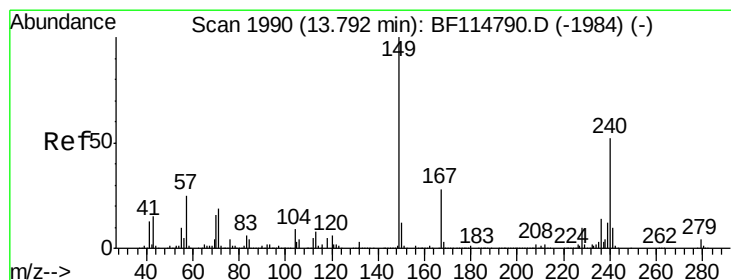
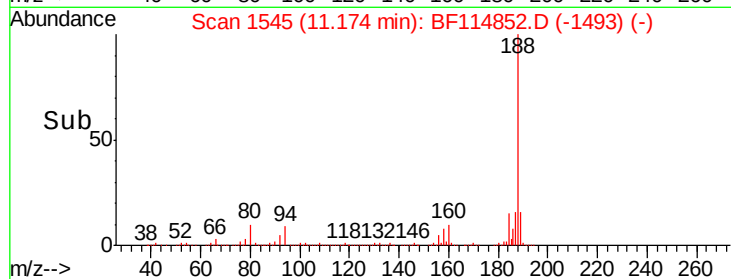
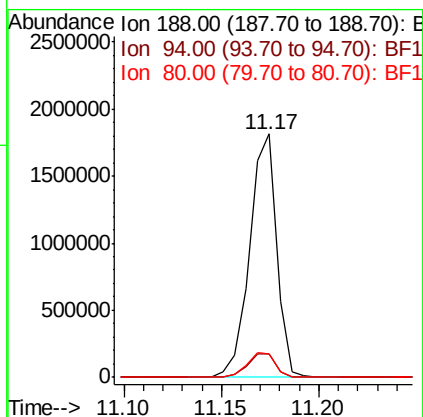
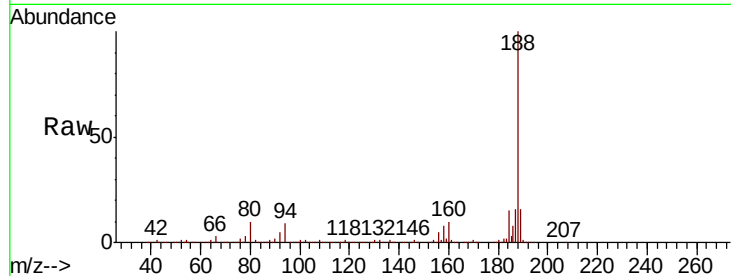




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

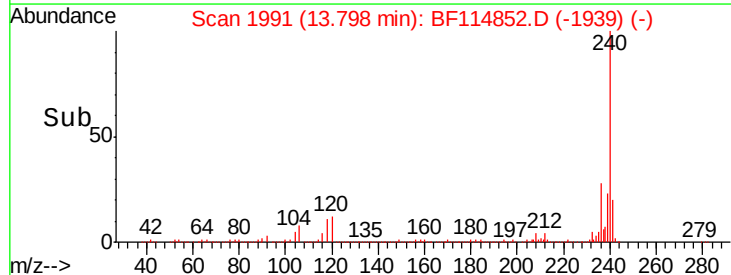
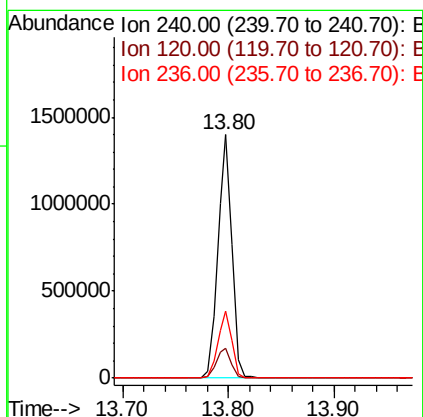
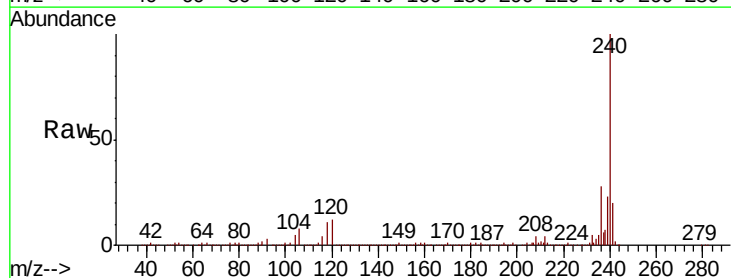
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-B

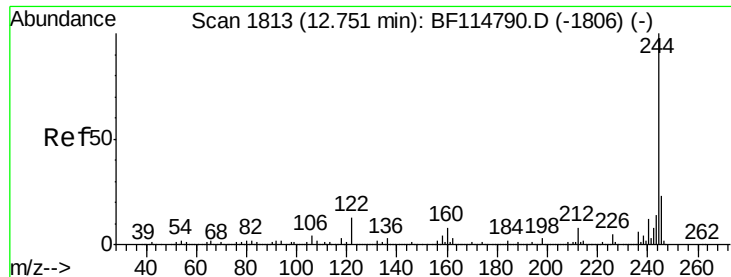
Tot Ion:188 Resp: 1741803
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion:240 Resp: 1315507
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.4
236 27.7 21.4 32.0





#79

Terphenyl-d14

Concen: 65.405 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

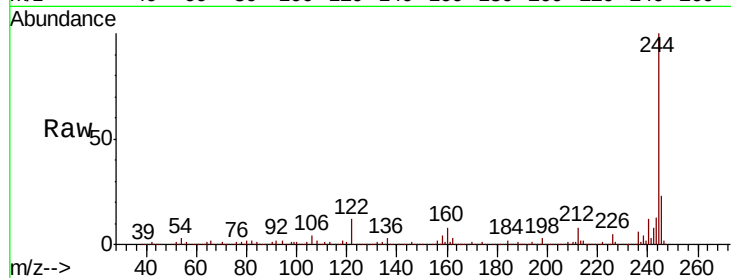
BNA_F

ClientSampleId :

AU-06-060419-B

Tot Ion:244 Resp: 4424239

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	12.3	10.5	15.7

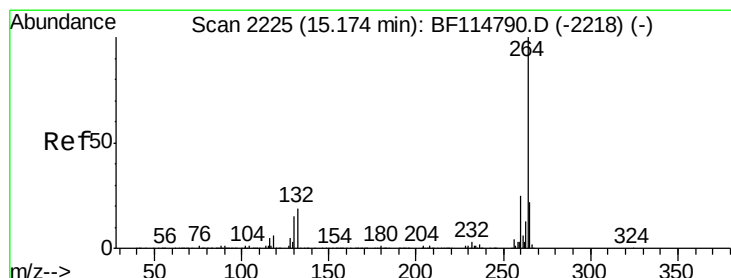
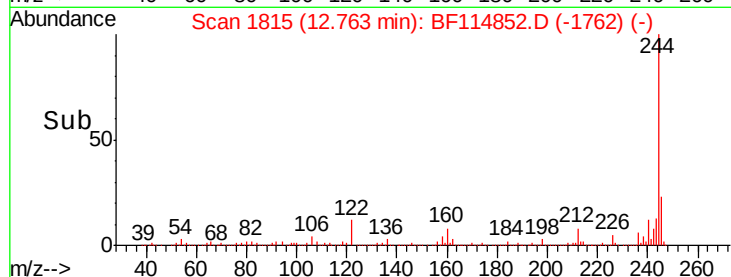
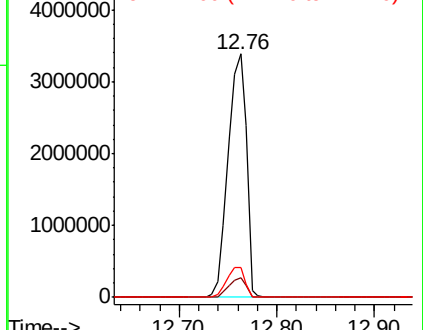


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

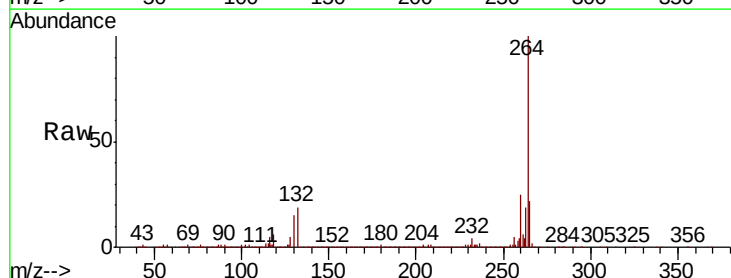
Delta R.T. 0.04 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Tgt Ion:264 Resp: 1154859

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.9	17.7	26.5



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

