

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104729.D
 Acq On : 24 Apr 2018 2:07
 Operator : JU/SJ
 Sample : J2494-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-JETB-E-D-M

Quant Time: Apr 24 05:33:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104260	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	413438	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	173390	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	296727	20.00	ng	0.00
75) Chrysene-d12	13.99	240	212181	20.00	ng	0.00
86) Perylene-d12	15.46	264	154167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	315087	46.21	ng	0.01
7) Phenol-d6	6.45	99	239673	28.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	608940	96.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	171396	95.29	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1104349	100.62	ng	0.00
78) Terphenyl-d14	12.93	244	1095267	117.68	ng	0.00

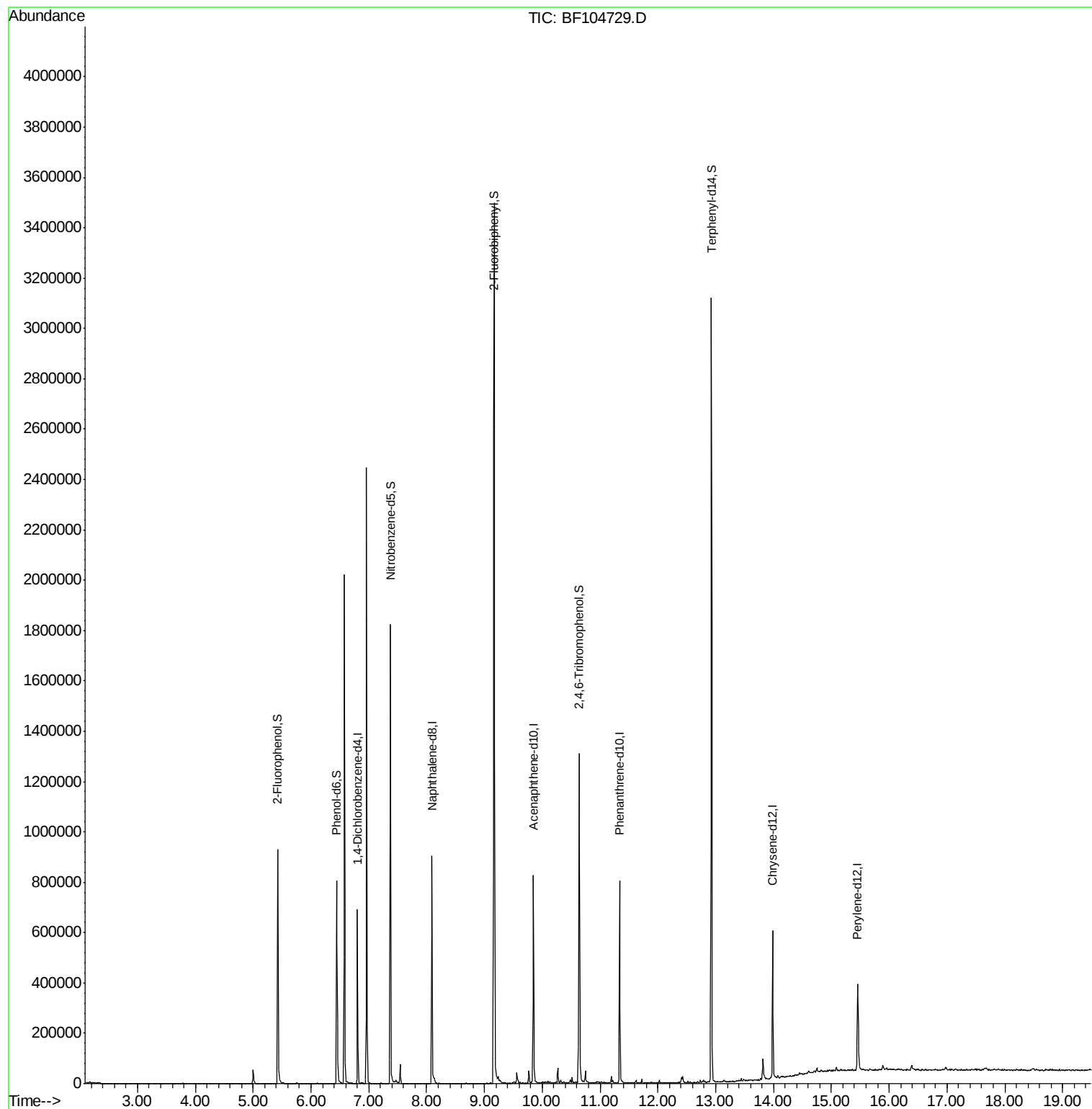
Target Compounds Qvalue

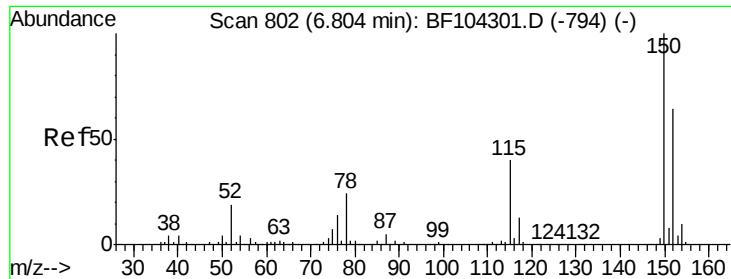
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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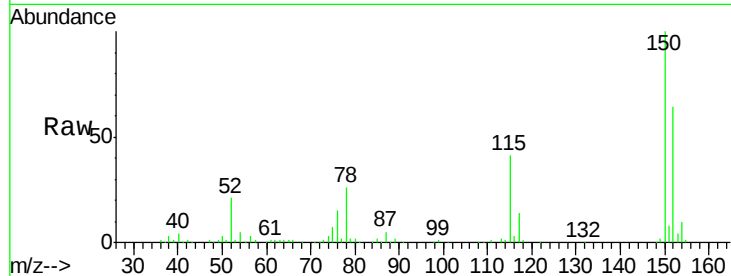


#1

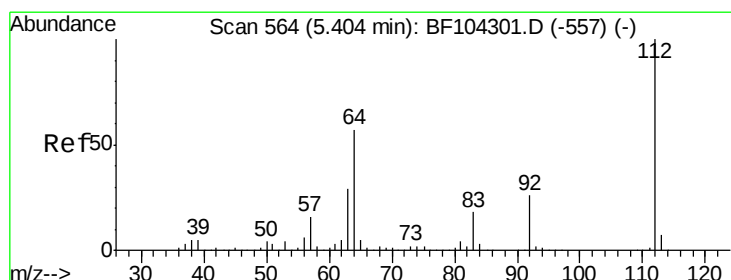
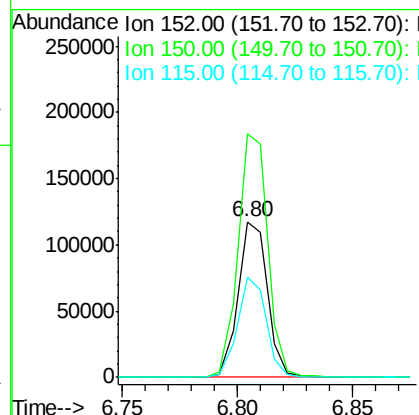
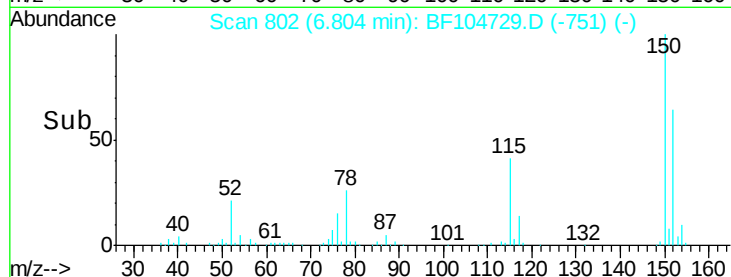
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Instrument :
 BNA_F
 ClientSampleId :
 042018-JETB-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	64.0	50.1	75.1



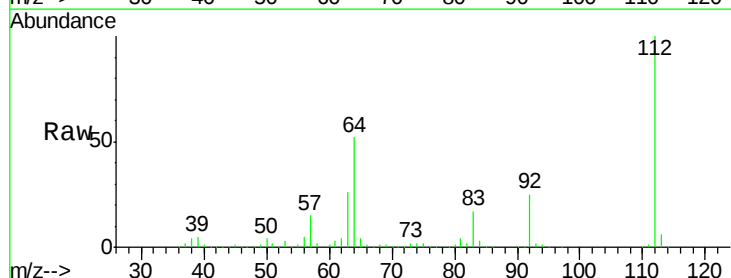
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



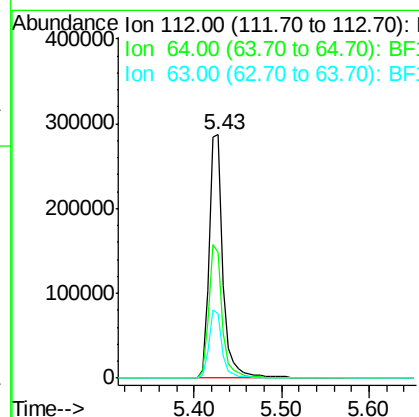
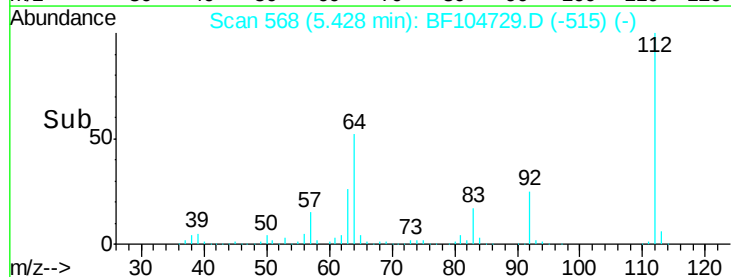
#5

2-Fluorophenol
 Concen: 46.210 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	26.4	23.7	35.5



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: 28.608 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Instrument :

BNA_F

ClientSampleId :

042018-JETB-E-D-M

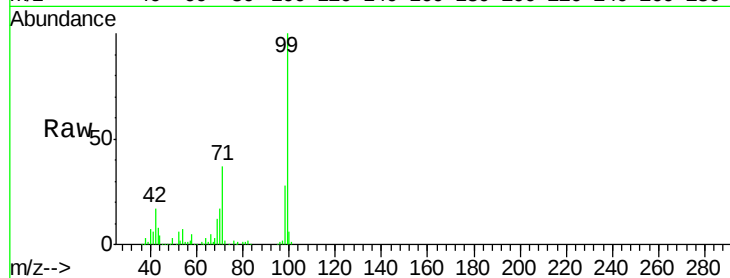
Tot Ion: 99 Resp: 239673

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

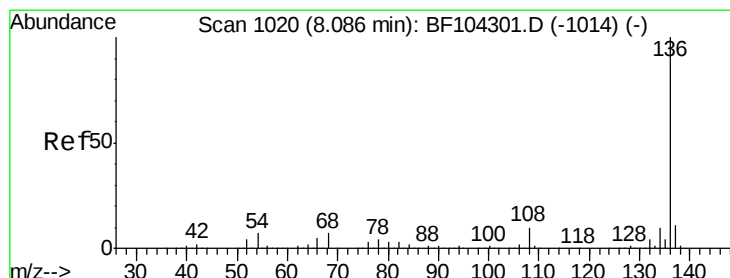
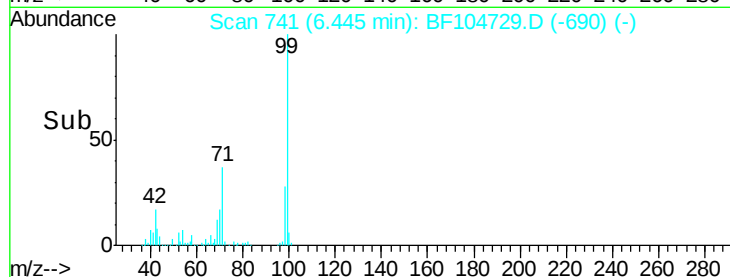
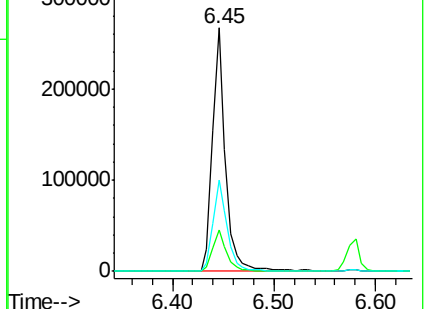
71 37.5 25.4 38.0



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. -0.00 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Tgt Ion: 136 Resp: 413438

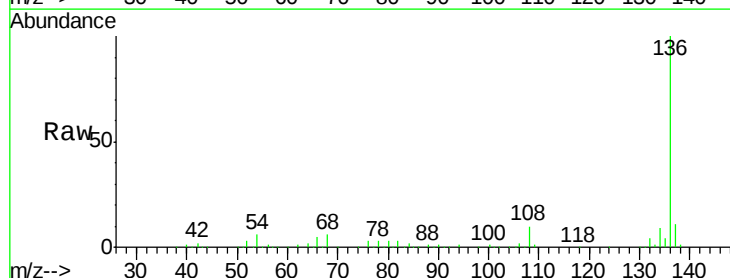
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 6.0 5.0 7.4

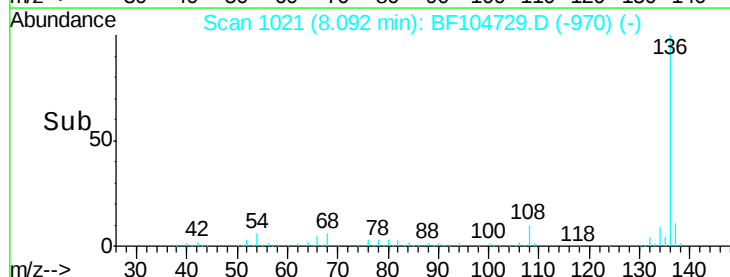
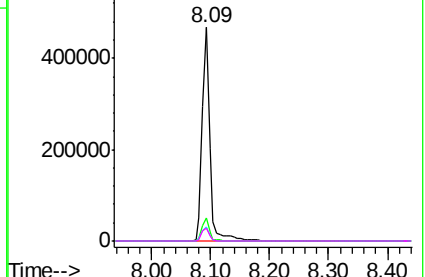


Abundance Ion 136.00 (135.70 to 136.70): E

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

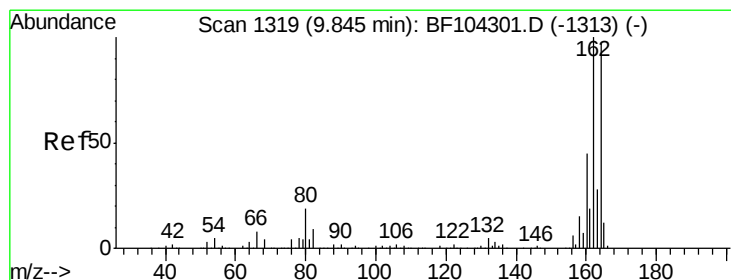
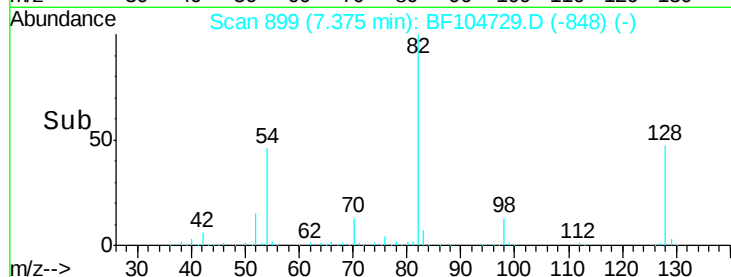
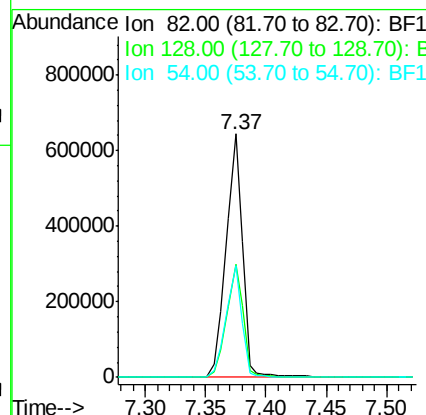
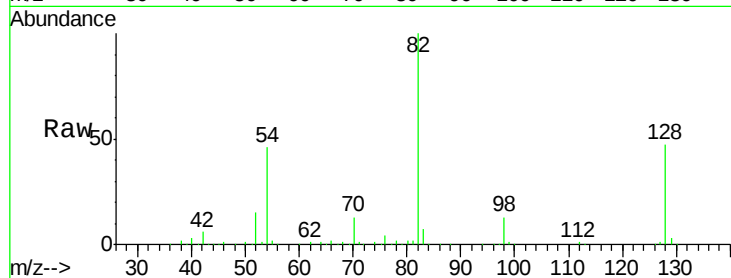




#23
 Nitrobenzene-d5
 Concen: 96.175 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

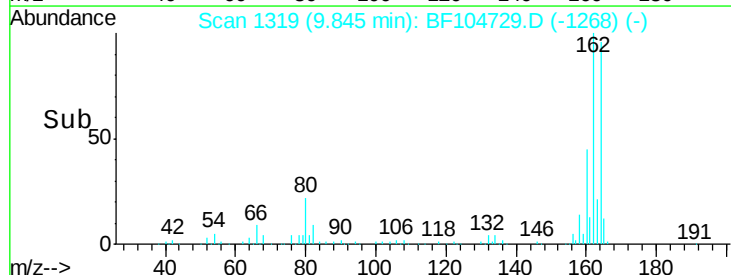
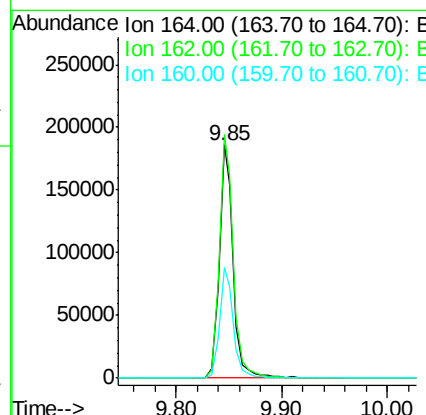
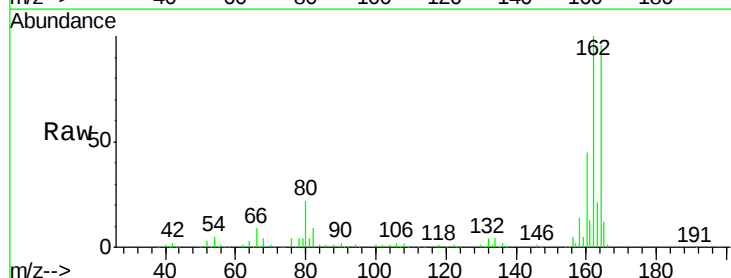
Instrument :
 BNA_F
 ClientSampleId :
 042018-JETB-E-D-M

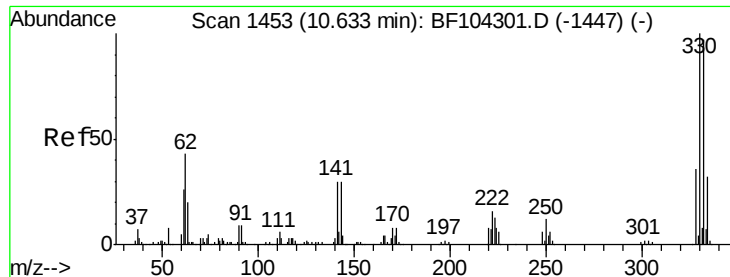
Tot Ion	82	Resp	608940
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.1	54.1
54	45.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion	164	Resp	173390
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	47.5	38.3	57.5

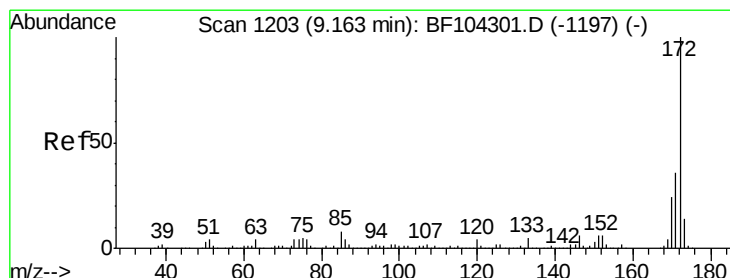
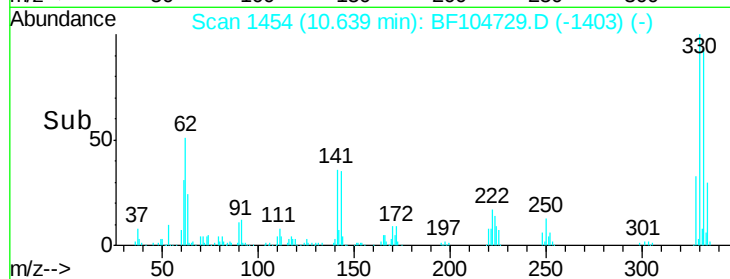
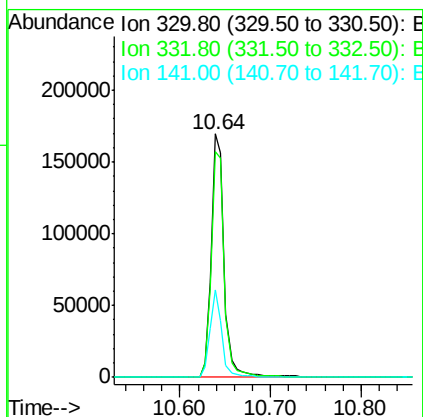
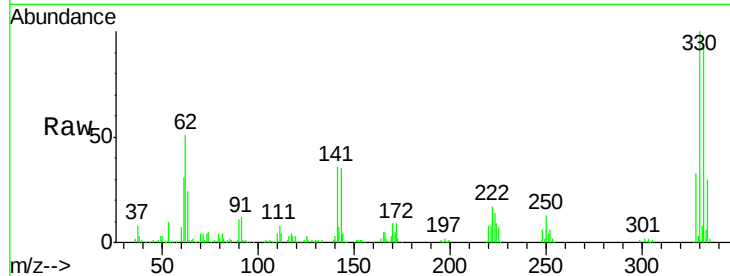




#41
 2,4,6-Tribromophenol
 Concen: 95.293 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

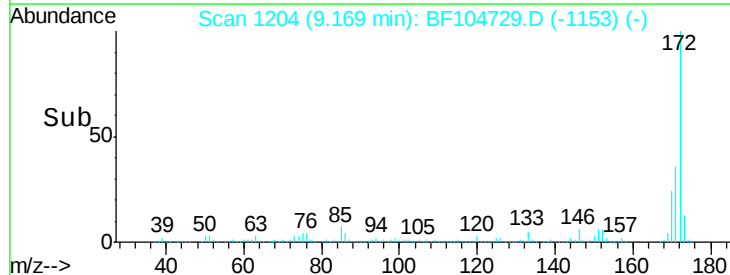
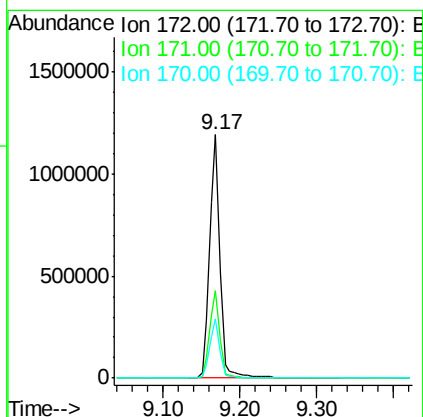
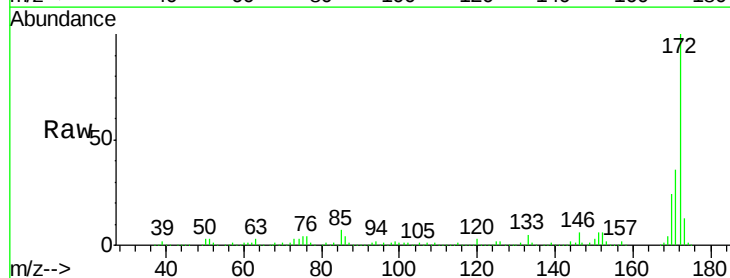
Instrument :
 BNA_F
 ClientSampleId :
 042018-JETB-E-D-M

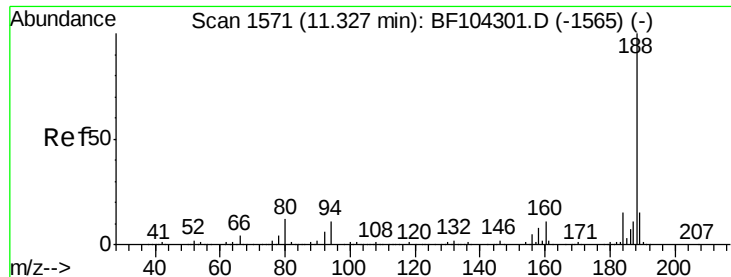
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 100.617 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104729.D
 Acq: 24 Apr 2018 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

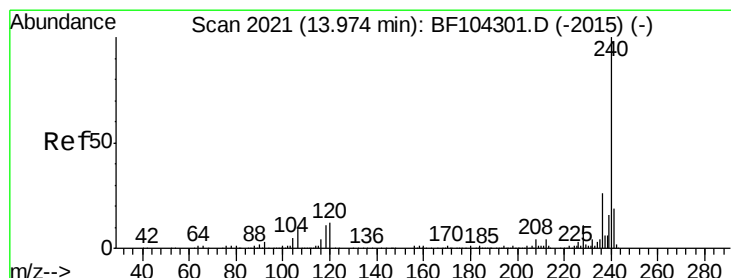
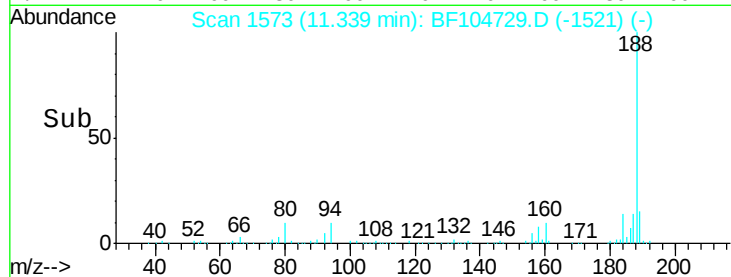
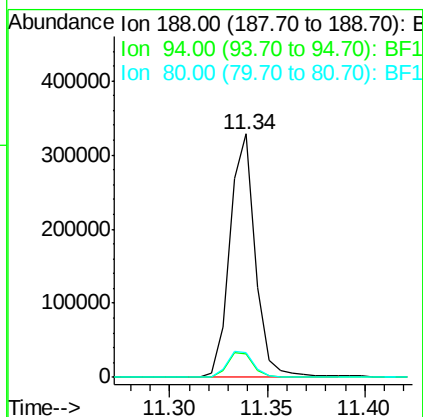
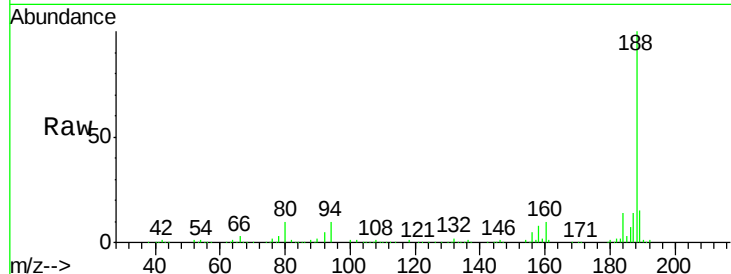




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

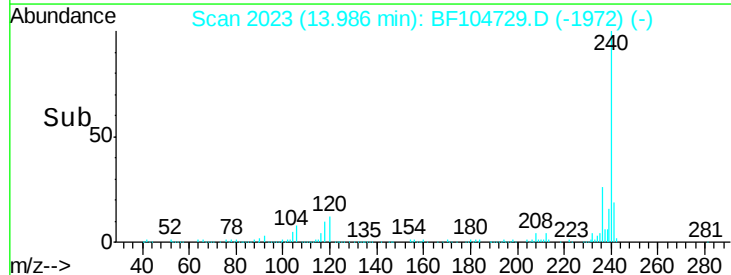
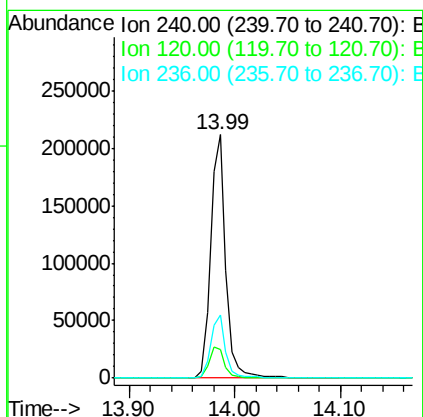
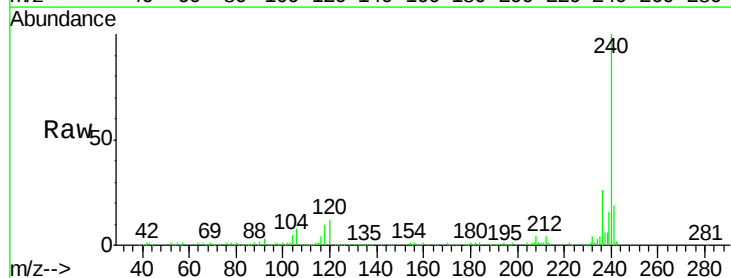
Instrument :
BNA_F
ClientSampleId :
042018-JETB-E-D-M

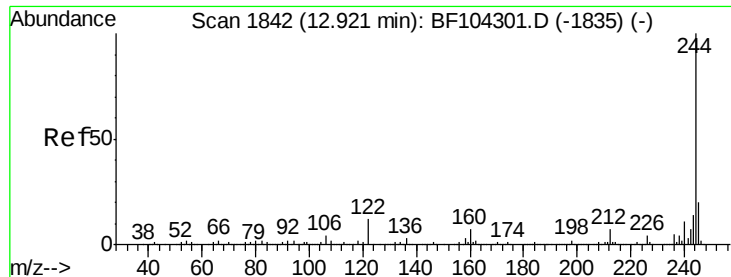
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104729.D
Acq: 24 Apr 2018 2:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 117.684 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

Instrument :

BNA_F

ClientSampleId :

042018-JETB-E-D-M

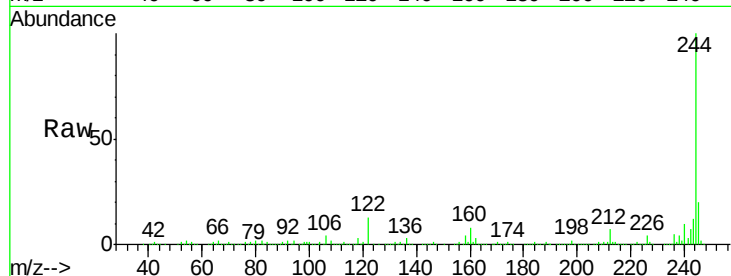
Tot Ion:244 Resp: 1095267

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

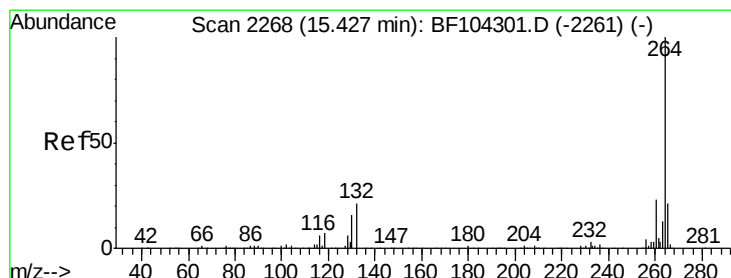
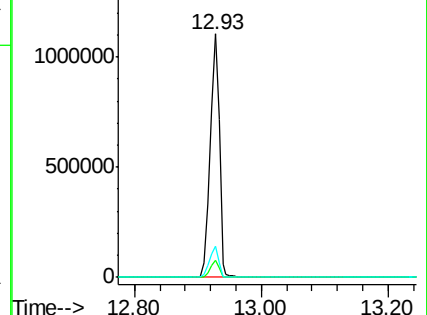
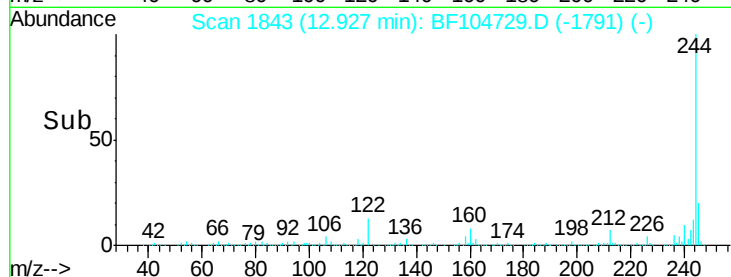
122 12.6 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF104729.D

Acq: 24 Apr 2018 2:07

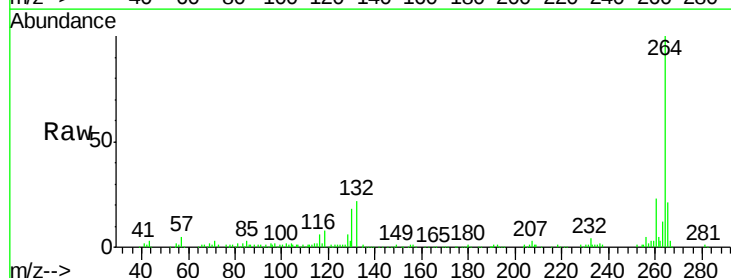
Tgt Ion:264 Resp: 154167

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.3 17.5 26.3



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

