

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104087.D
 Acq On : 30 Mar 2018 8:21
 Operator : JU/SJ
 Sample : J2113-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-S

Manual Integrations
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Quant Time: Mar 30 11:23:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	102184	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	435517	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	181220	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	271925	20.00	ng	0.00
75) Chrysene-d12	14.15	240	220225	20.00	ng	0.00
86) Perylene-d12	15.70	264	195677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	252231m	39.36	ng	0.00
7) Phenol-d6	6.60	99	215320m	27.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	655988	92.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	149269	73.97	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1236820	107.62	ng	0.00
78) Terphenyl-d14	13.09	244	786792	82.49	ng	0.00

Target Compounds Qvalue

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

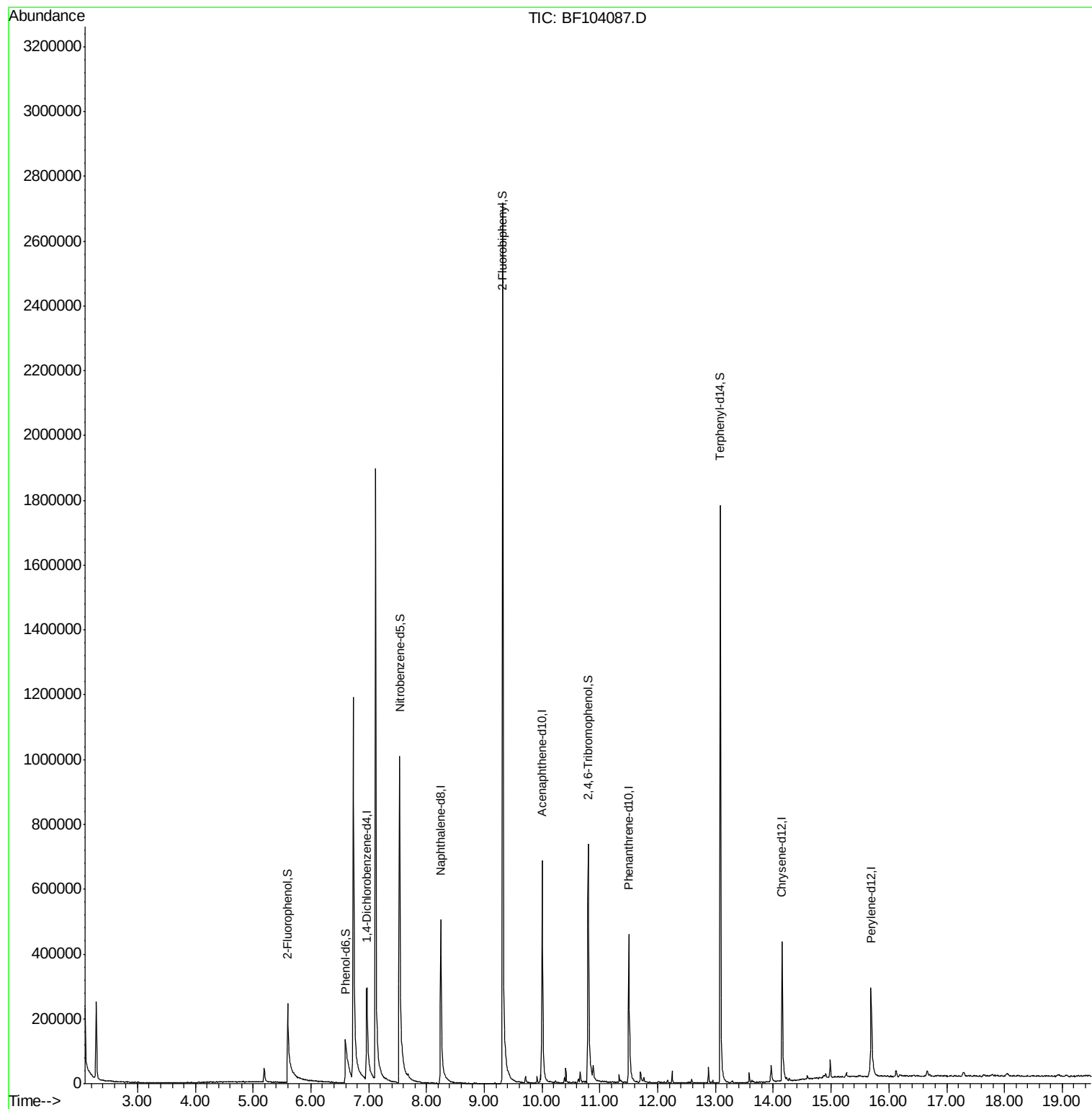
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104087.D
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Sample : J2113-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

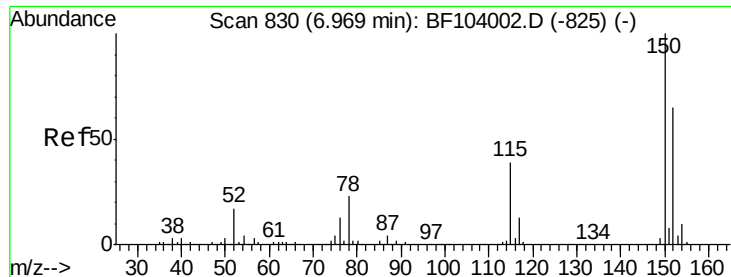
Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-U-S

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#1

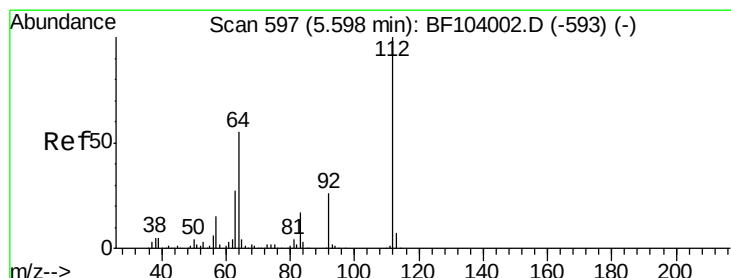
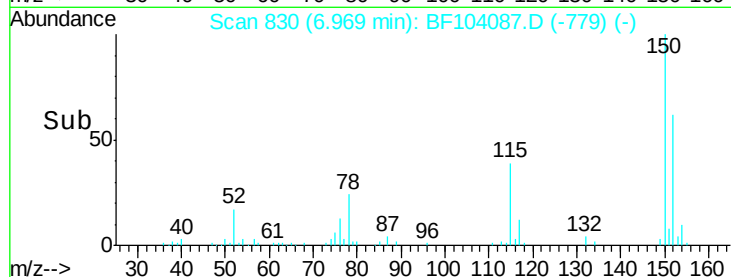
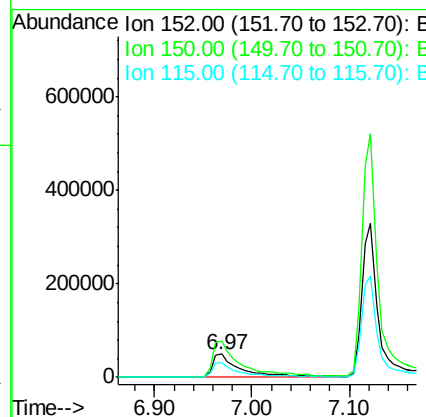
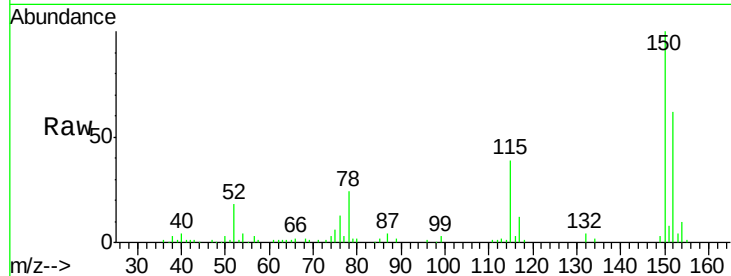
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.9	50.1	75.1

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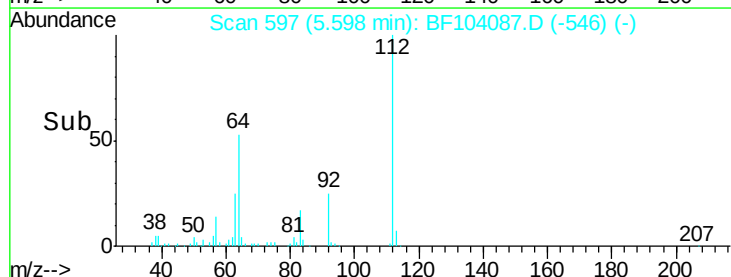
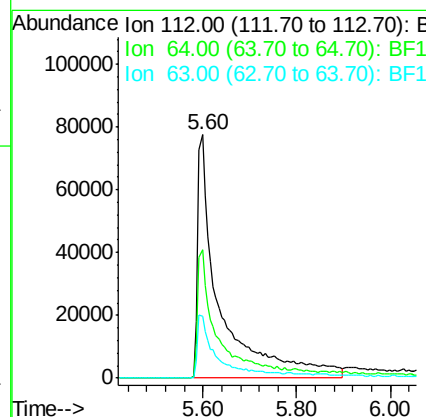
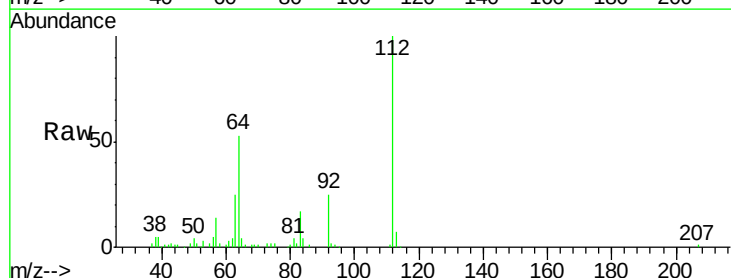
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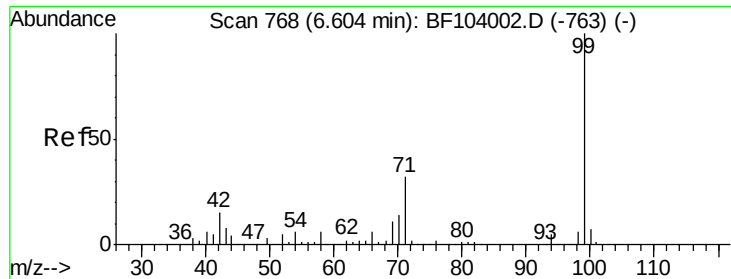


#5

2-Fluorophenol
Concen: 39.365 ng m
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	25.2	23.7	35.5





#7

Phenol-d6

Concen: 27.314 ng/mL

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104087.D

Acq: 30 Mar 2018 8:21

Instrument :

BNA_F

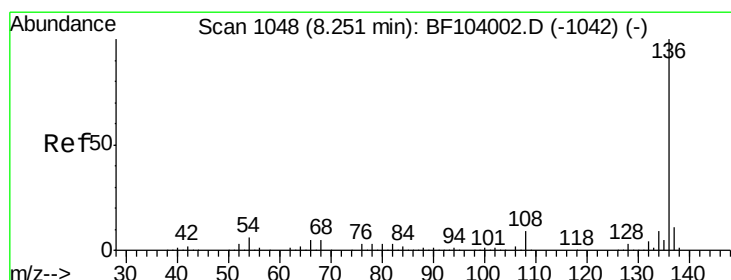
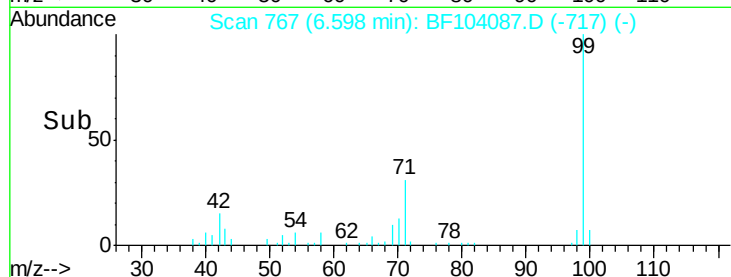
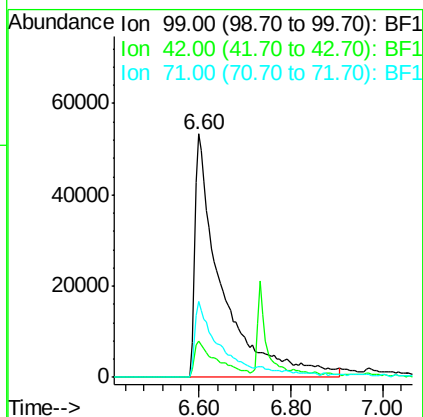
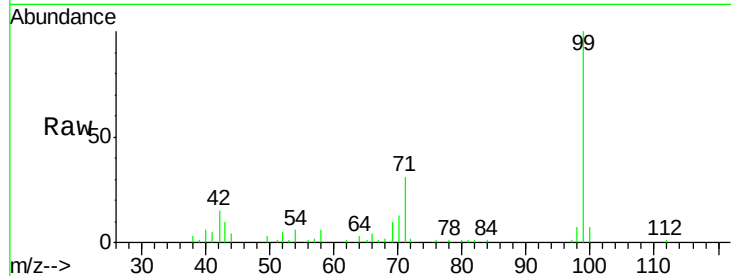
ClientSampleId :

032618-TIDO-E-U-S

Tot Ion:	99	Resp:	215320
Ion Ratio	Lower	Upper	
99	100		
42	15.0	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng/mL

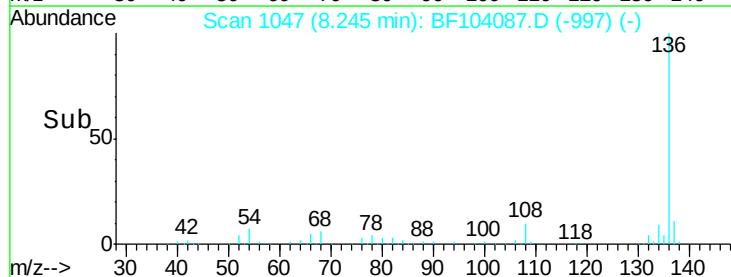
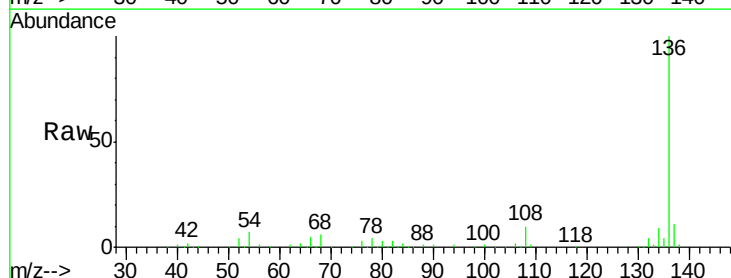
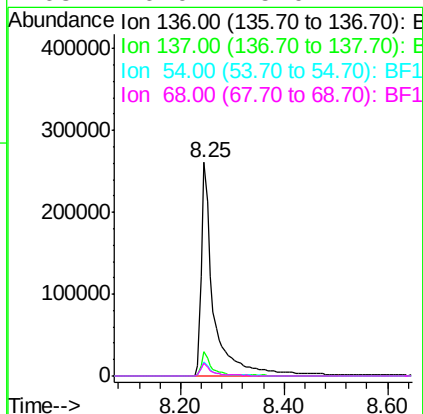
RT: 8.25 min Scan# 1047

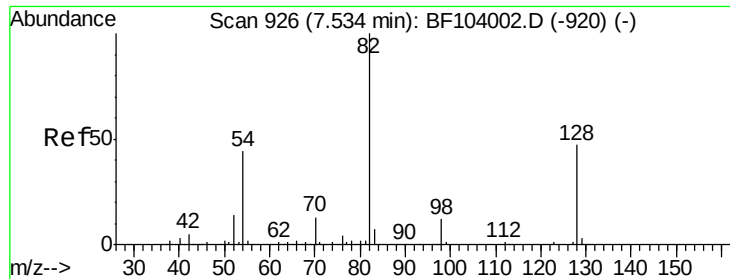
Delta R.T. -0.01 min

Lab File: BF104087.D

Acq: 30 Mar 2018 8:21

Tgt Ion:	136	Resp:	435517
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4





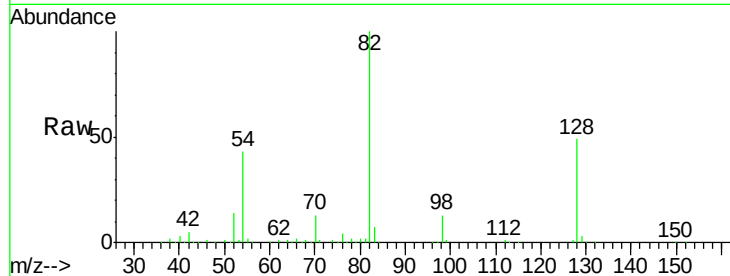
#23
 Nitrobenzene-d5
 Concen: 92.114 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-S

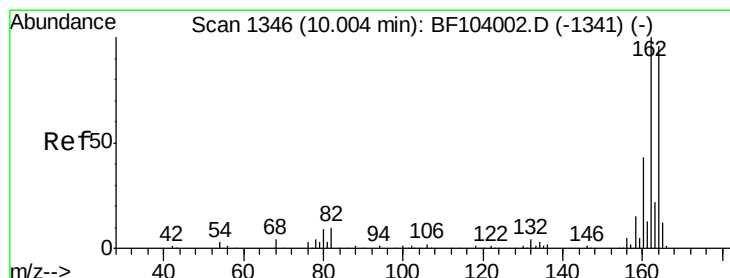
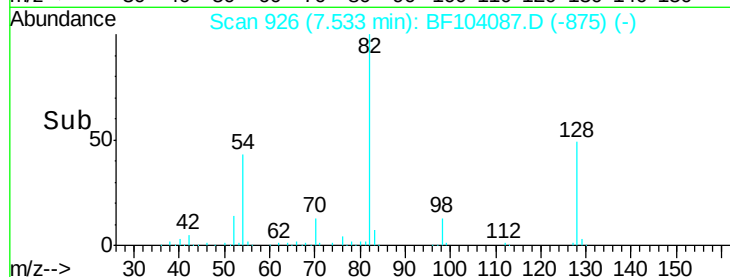
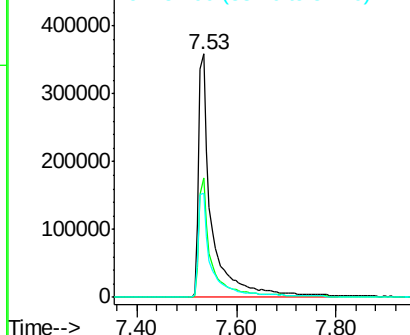
Tot Ion	82	Resp	655988
Ion Ratio	100	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	42.8	41.4	62.2

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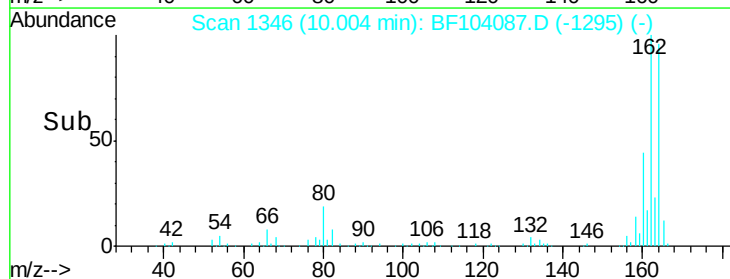
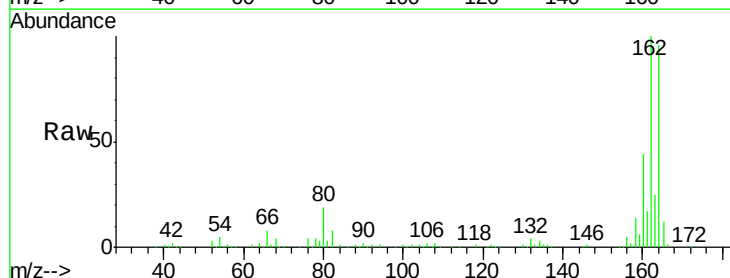
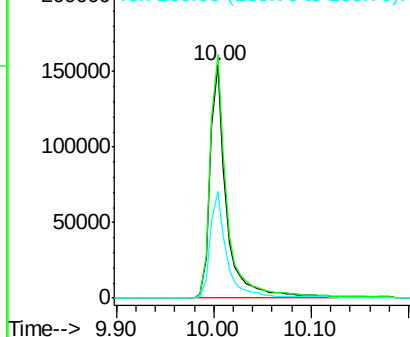
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

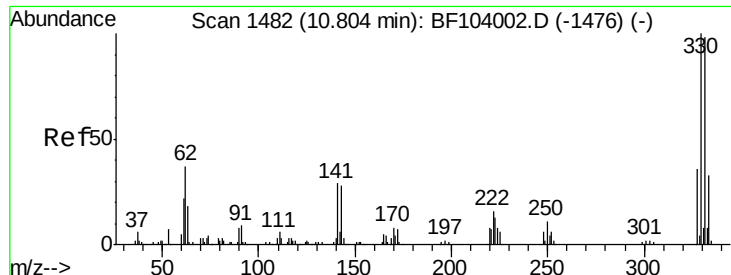


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion	164	Resp	181220
Ion Ratio	100	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5

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





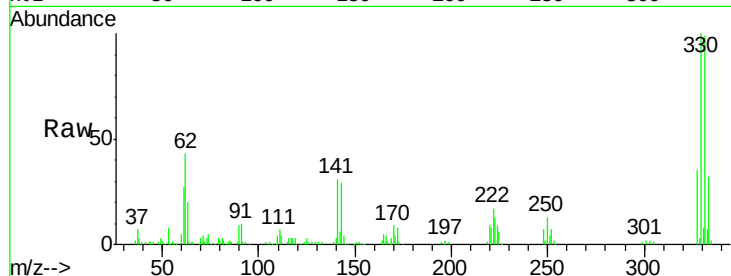
#41
 2,4,6-Tribromophenol
 Concen: 73.973 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-S

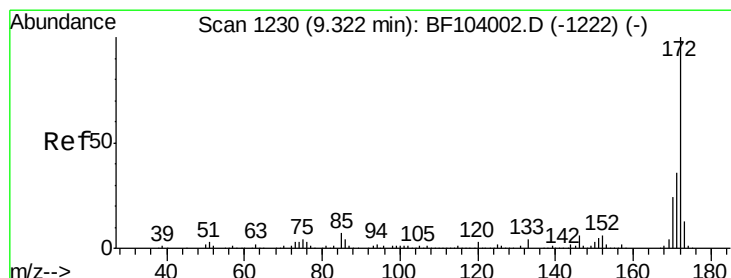
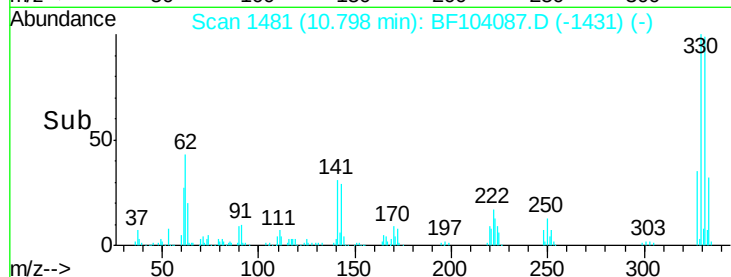
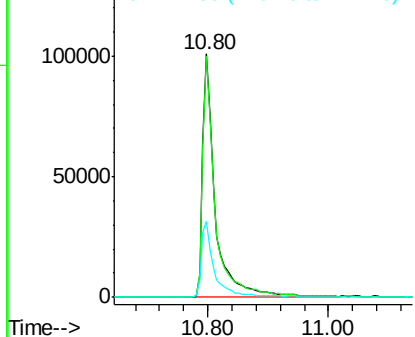
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	31.8	29.9	44.9

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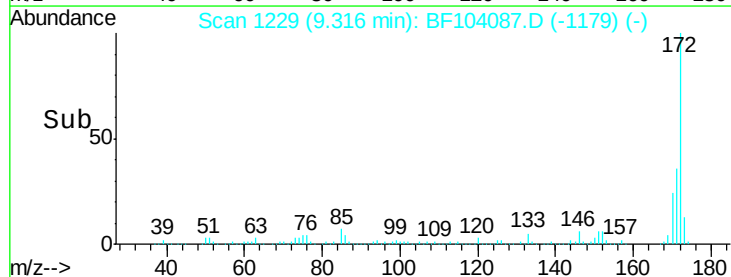
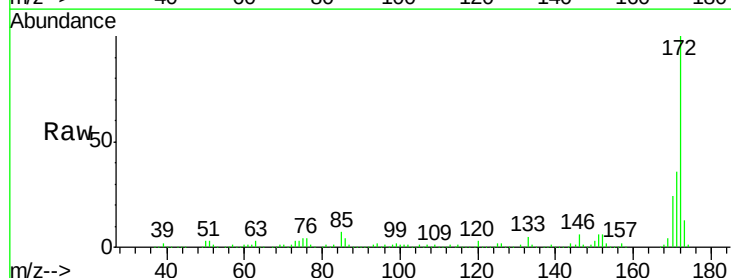
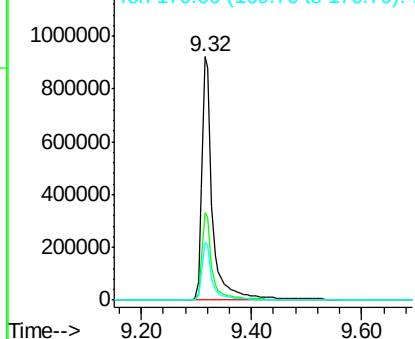
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

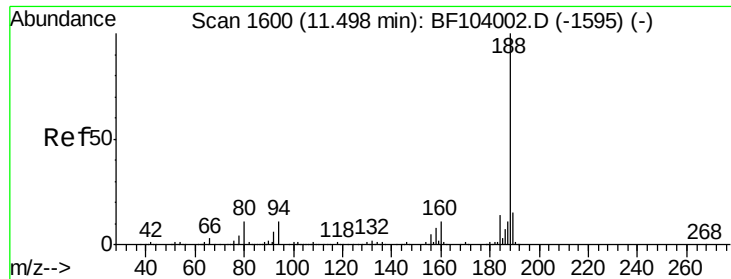


#44
 2-Fluorobiphenyl
 Concen: 107.624 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

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





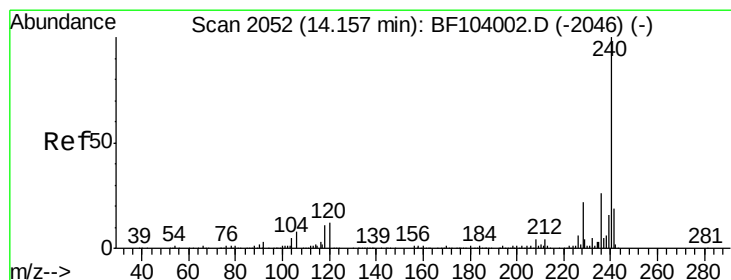
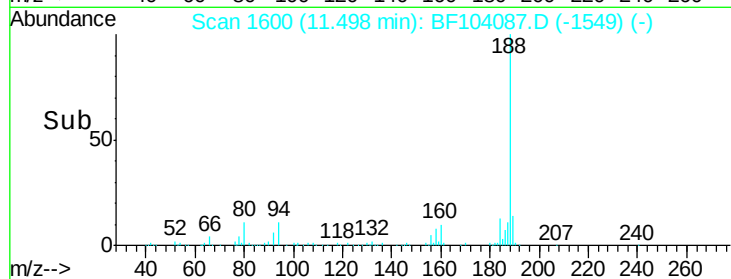
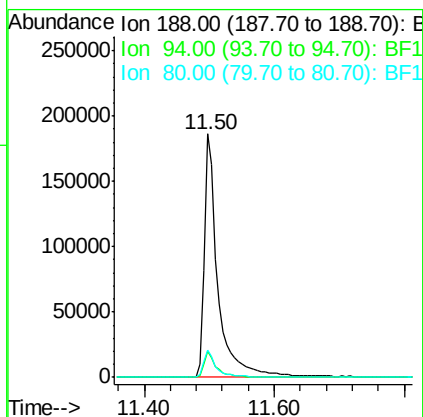
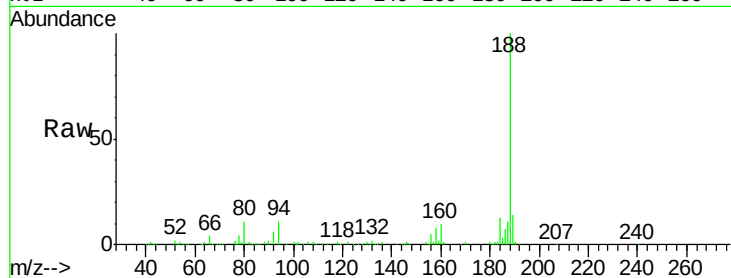
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-U-S

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.2	13.8

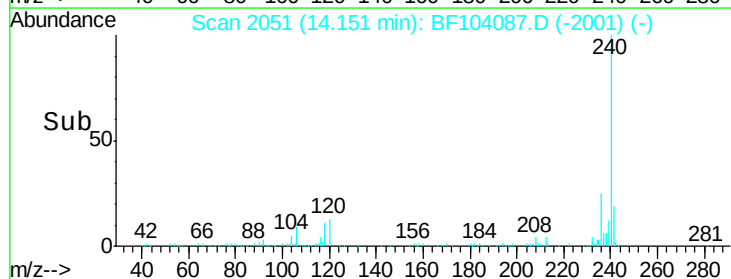
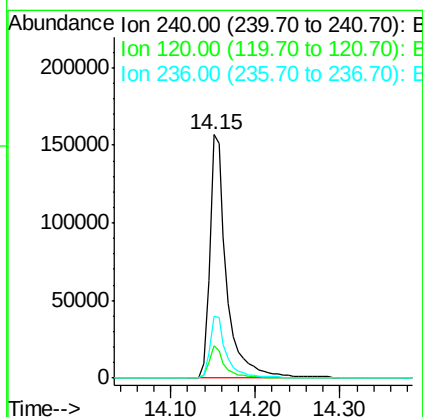
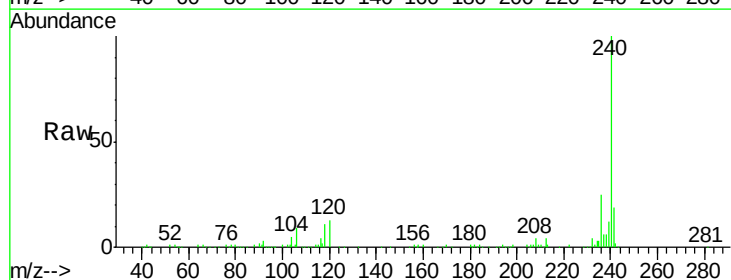
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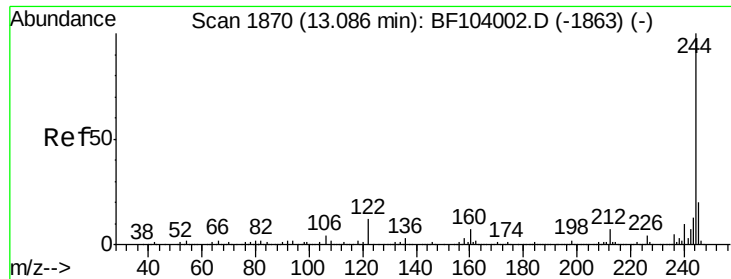
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.4	20.7	31.1





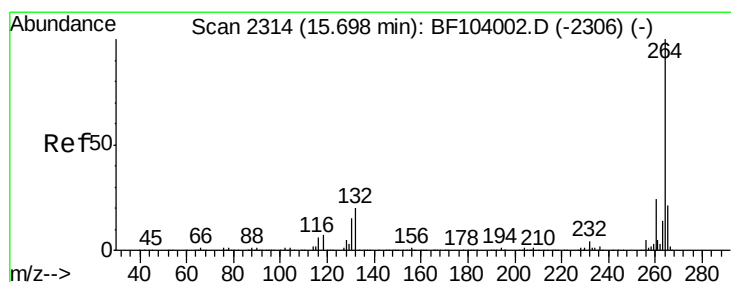
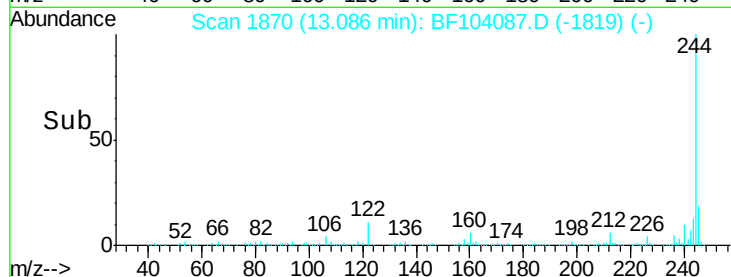
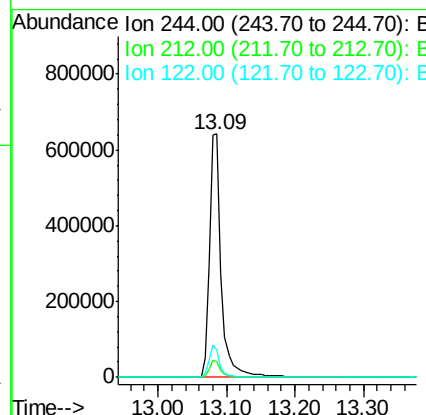
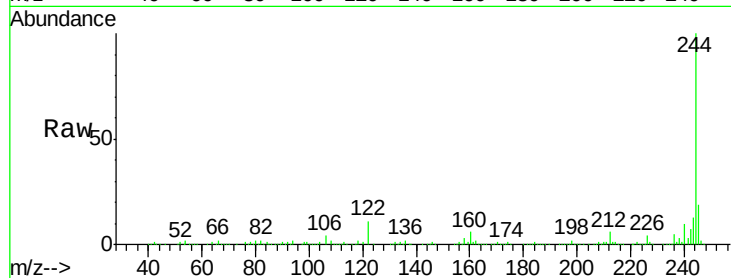
#78
 Terphenyl-d14
 Concen: 82.491 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.2	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.7	17.5	26.3

