

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104084.D
 Acq On : 30 Mar 2018 7:02
 Operator : JU/SJ
 Sample : J2113-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-D-B

Manual Integrations
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Quant Time: Mar 30 10:53:19 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	105568	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	435429	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	174832	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	250634	20.00	ng	0.00
75) Chrysene-d12	14.16	240	238838	20.00	ng	0.00
86) Perylene-d12	15.69	264	218915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224950	33.98	ng	0.00
7) Phenol-d6	6.60	99	174222	21.39	ng	0.00
23) Nitrobenzene-d5	7.53	82	676136	94.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	141939	72.91	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1236958	111.57	ng	0.00
78) Terphenyl-d14	13.09	244	810946	78.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	28491	2.064	ng	Qvalue 98
70) Phenanthrene	11.53	178	40010m	2.949	ng	

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

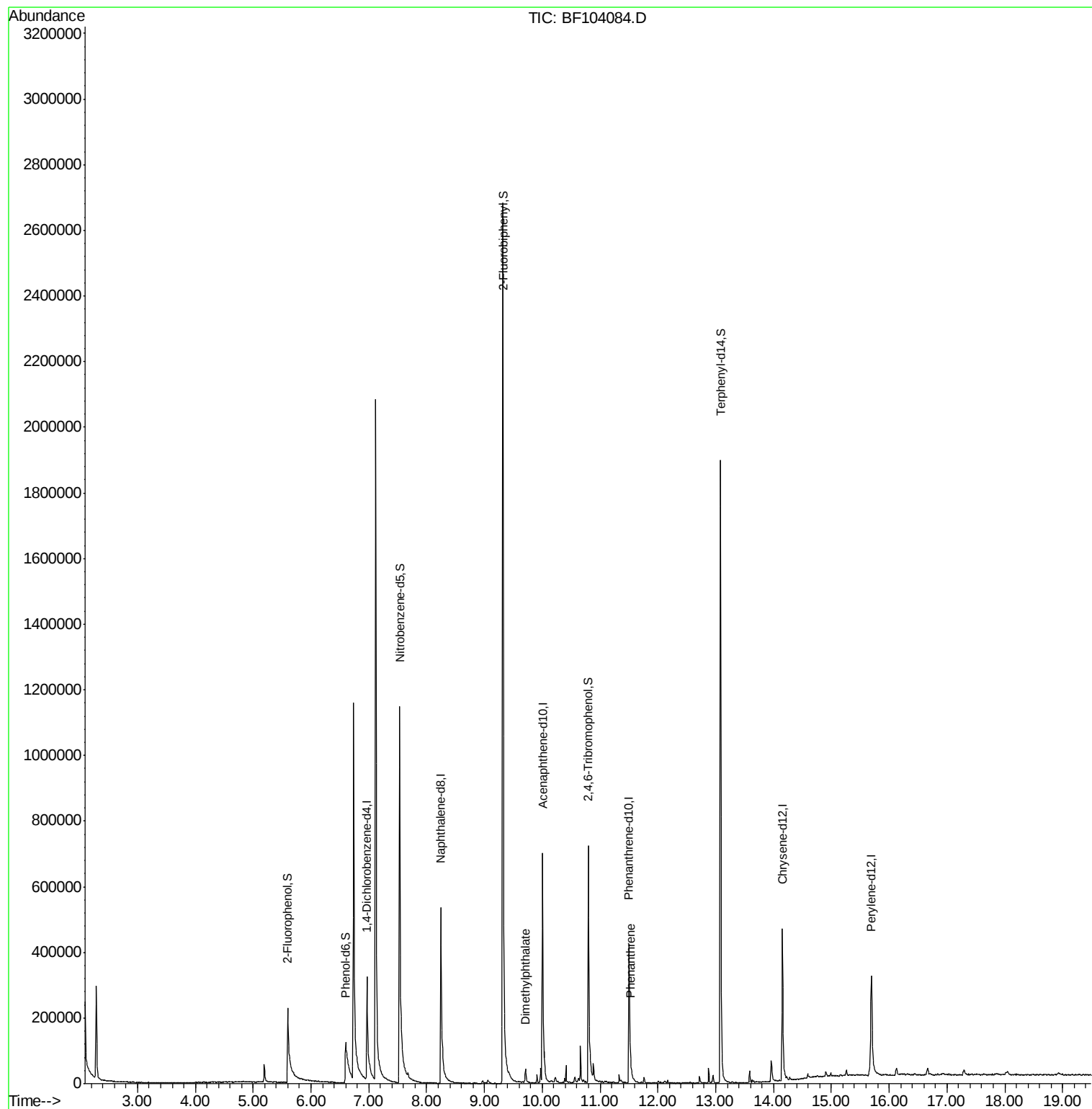
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
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Operator : JU/SJ
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Instrument :
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032618-TIDO-E-D-B

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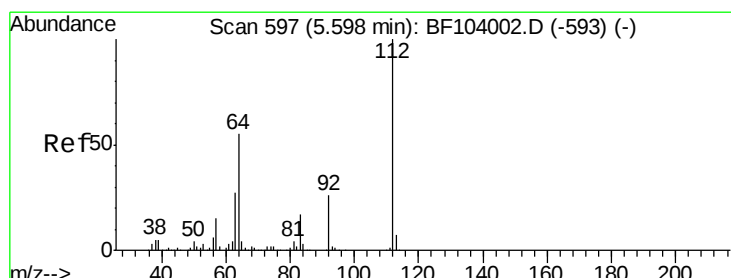
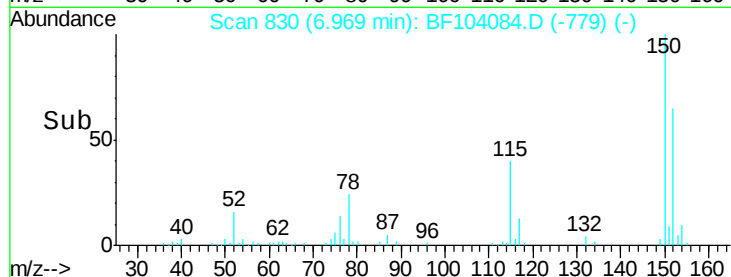
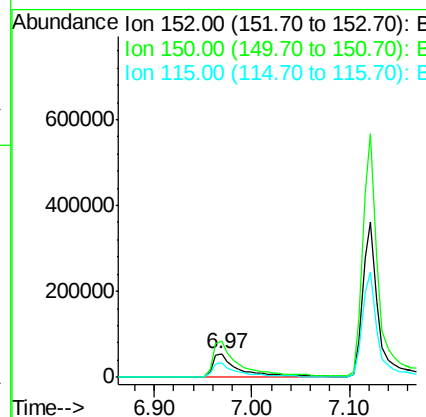
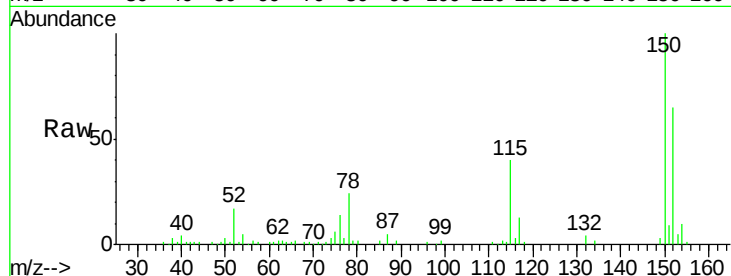
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.9	50.1	75.1

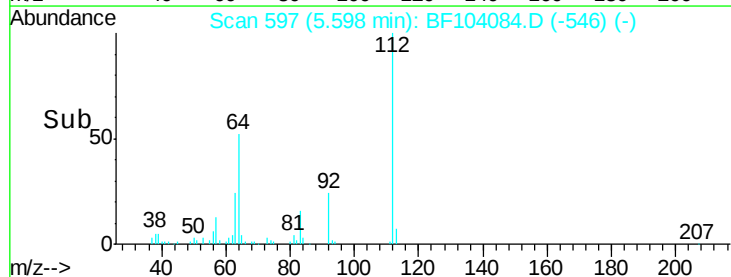
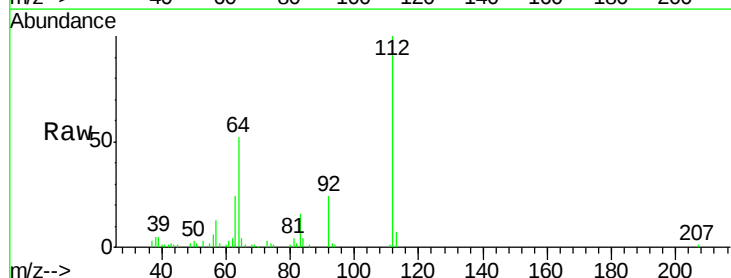
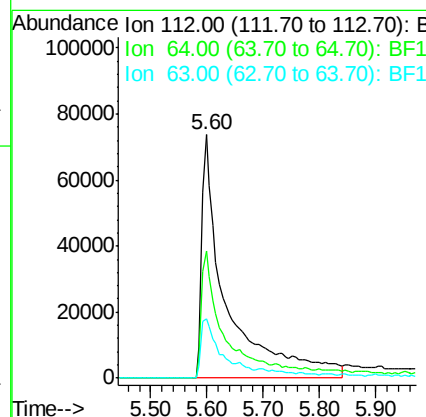
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#5
 2-Fluorophenol
 Concen: 33.982 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	24.3	23.7	35.5





#7

Phenol-d6

Concen: 21.392 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104084.D

Acq: 30 Mar 2018 7:02

Instrument :

BNA_F

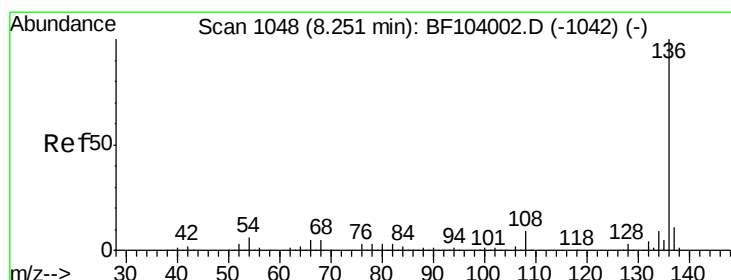
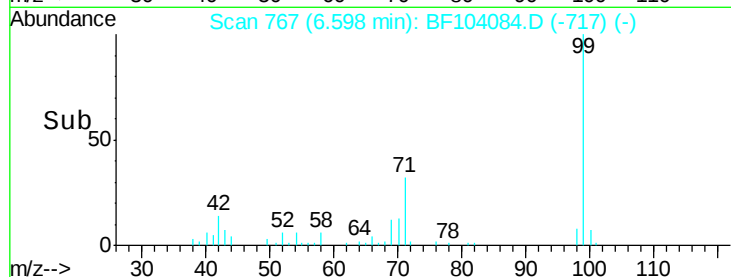
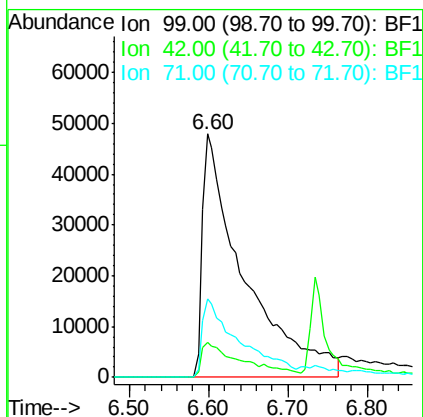
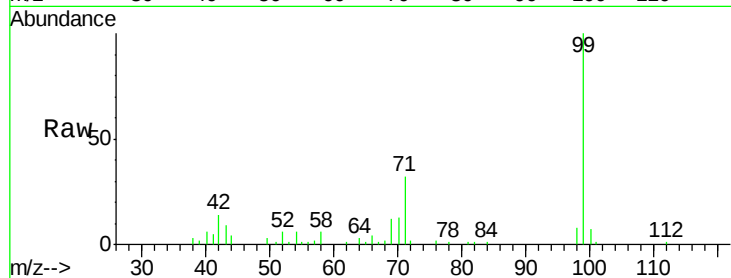
ClientSampleId :

032618-TIDO-E-D-B

Tot Ion:	99	Resp:	174222
Ion Ratio	Lower	Upper	
99	100		
42	14.3	14.5	21.7#
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

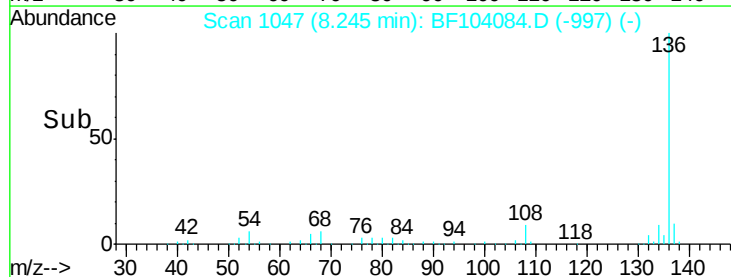
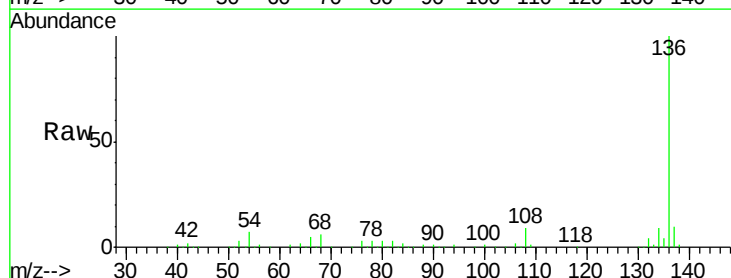
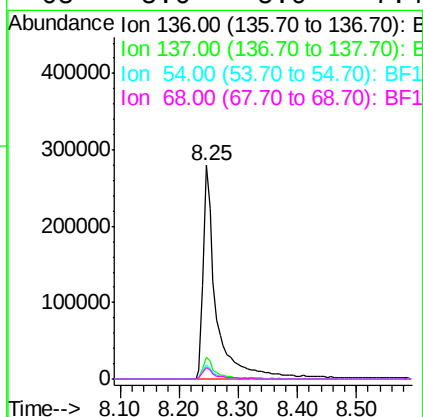
RT: 8.25 min Scan# 1047

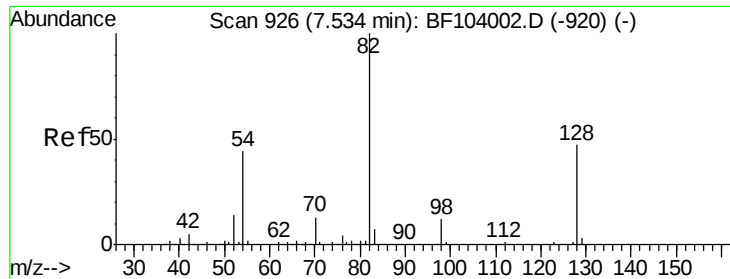
Delta R.T. -0.01 min

Lab File: BF104084.D

Acq: 30 Mar 2018 7:02

Tgt Ion:	136	Resp:	435429
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4





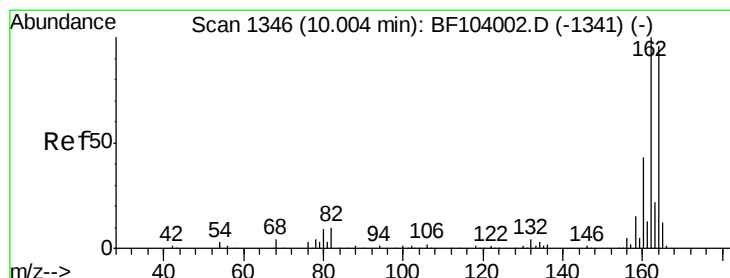
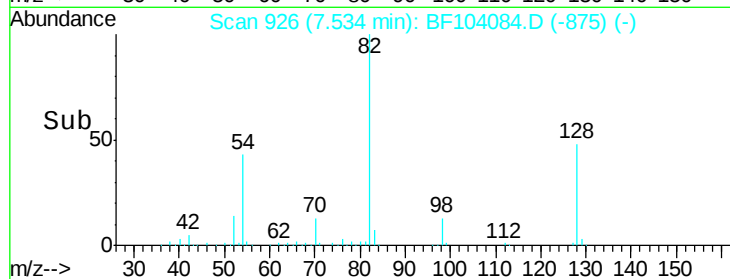
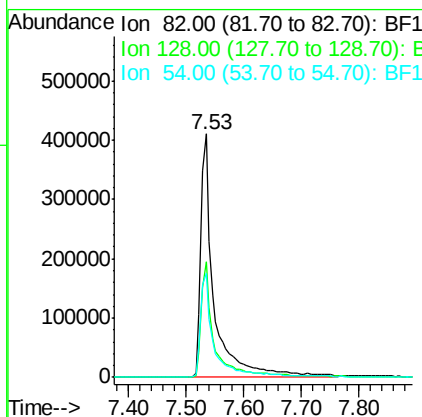
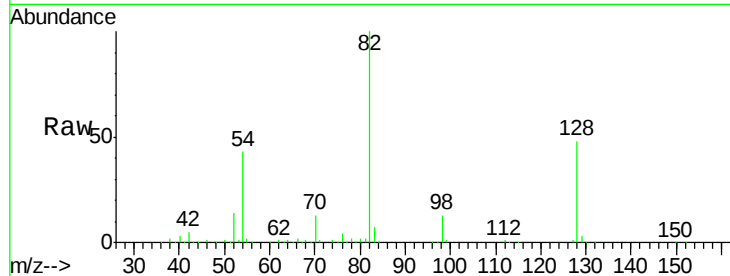
#23
 Nitrobenzene-d5
 Concen: 94.963 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-D-B

Tot Ion	82	Resp	676136
Ion Ratio	100	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	42.7	41.4	62.2

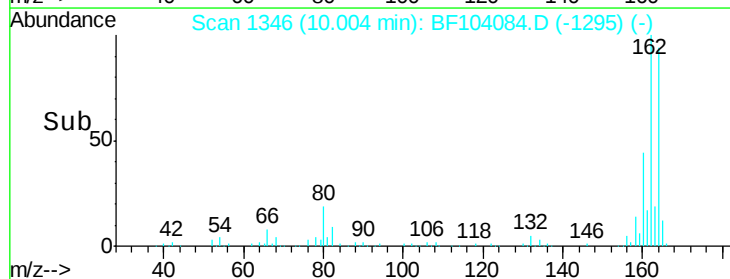
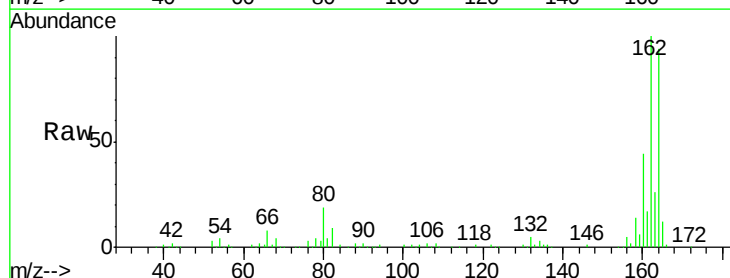
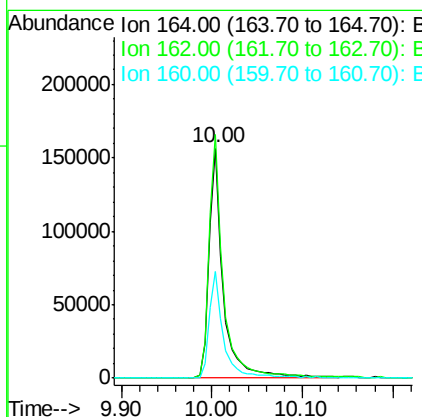
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Tgt Ion	164	Resp	174832
Ion Ratio	100	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 72.910 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104084.D

Acq: 30 Mar 2018 7:02

Instrument :

BNA_F

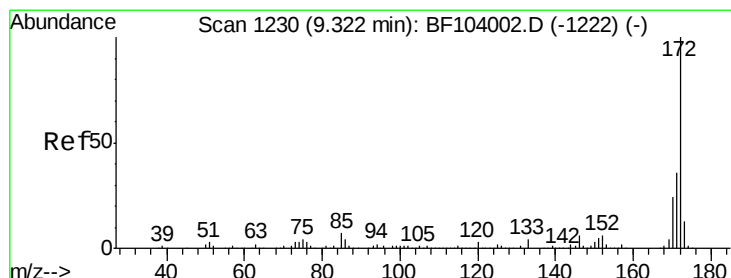
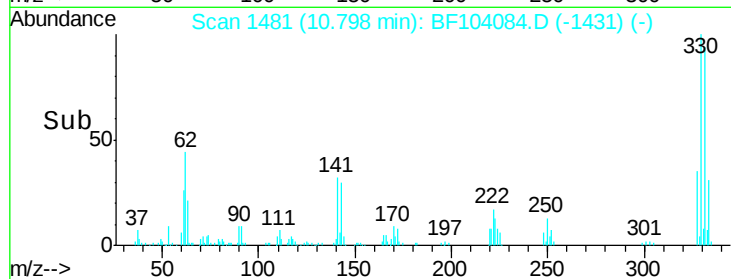
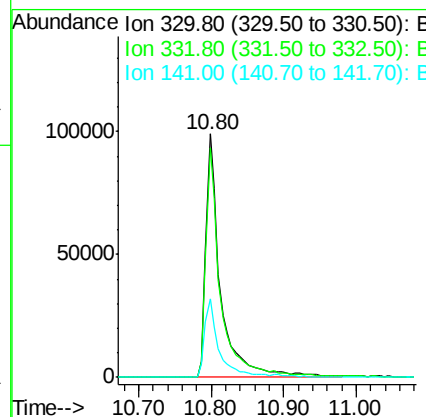
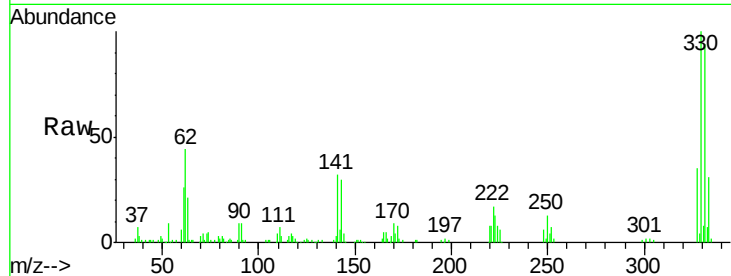
ClientSampleId :

032618-TIDO-E-D-B

Tot Ion:	330	Resp:	141939
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	30.7	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 111.569 ng

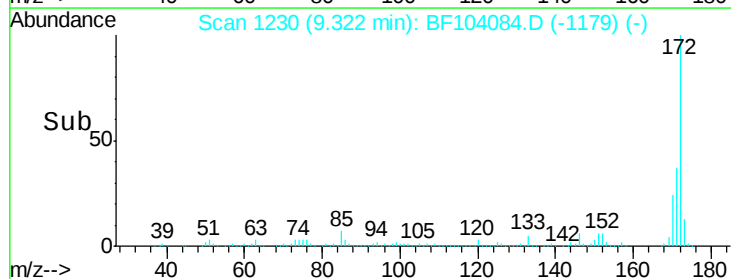
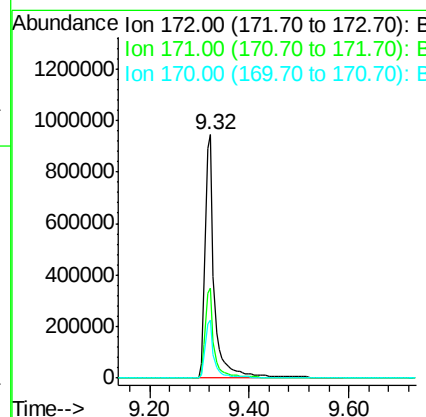
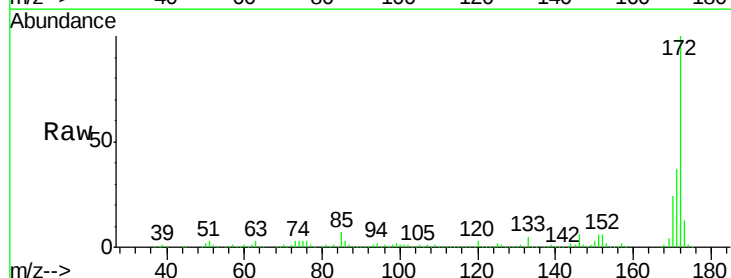
RT: 9.32 min Scan# 1230

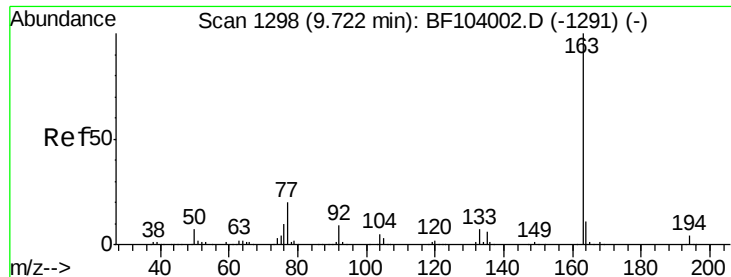
Delta R.T. -0.00 min

Lab File: BF104084.D

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Tgt Ion:	172	Resp:	1236958
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	23.8	19.6	29.4





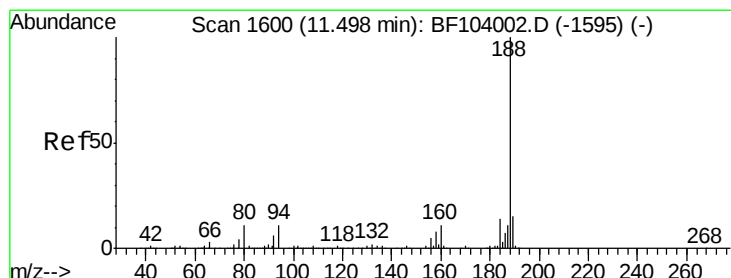
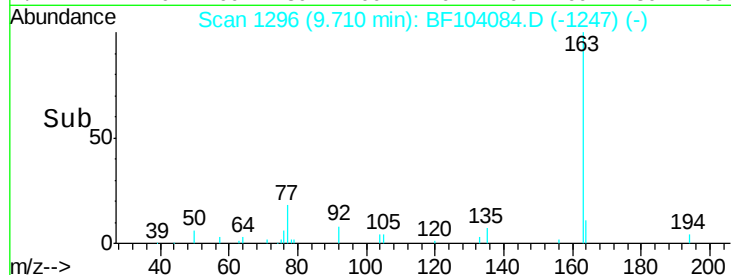
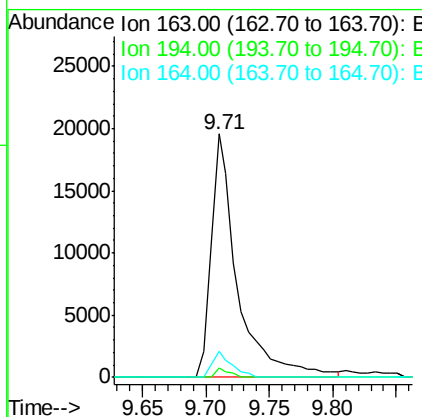
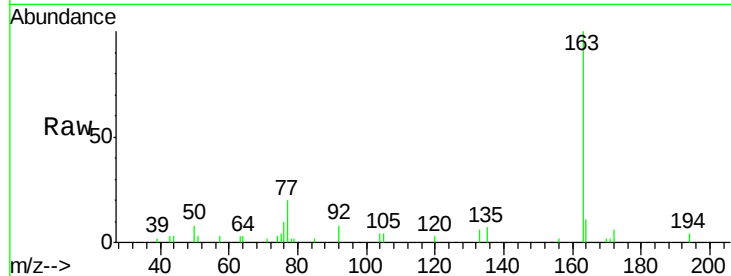
#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104084.D
Acq: 30 Mar 2018 7:02

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-D-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	28491		
194	3.9		2.7	4.1
164	10.8		8.2	12.2

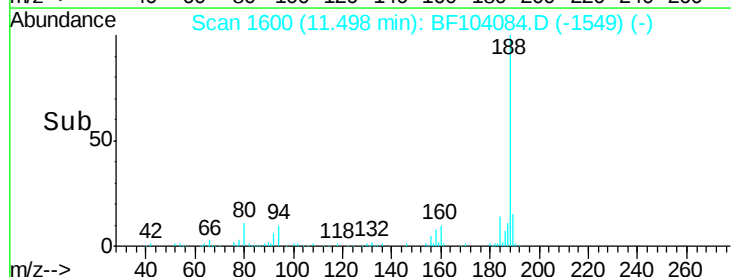
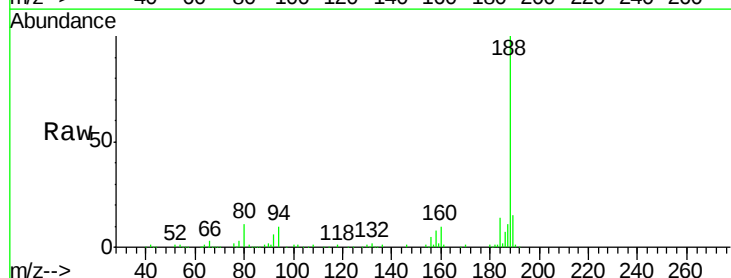
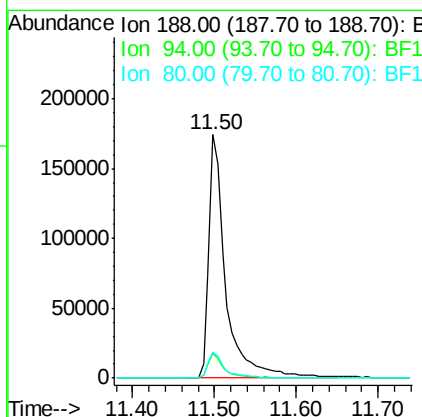
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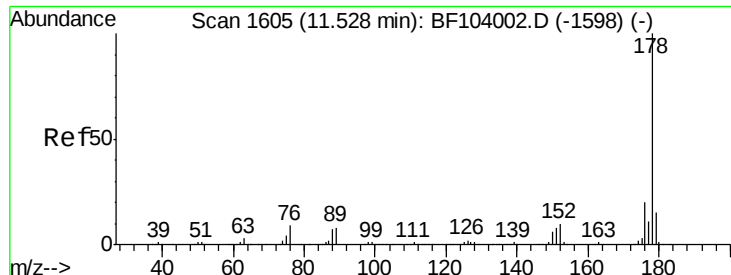
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104084.D
Acq: 30 Mar 2018 7:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	250634		
94	10.2		8.5	12.7
80	10.8		9.2	13.8





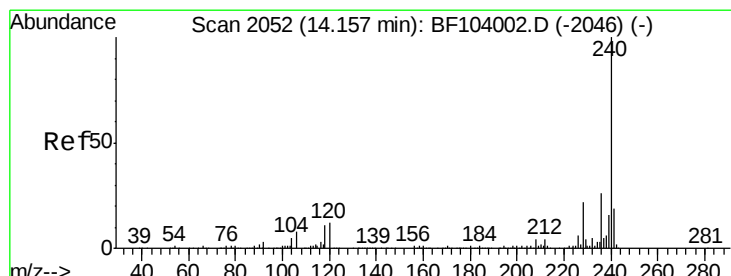
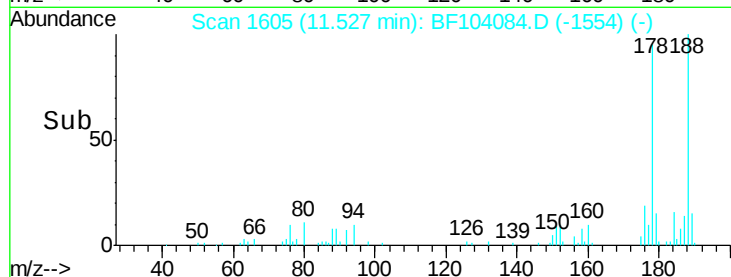
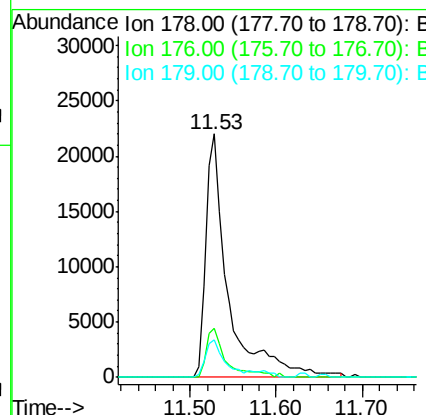
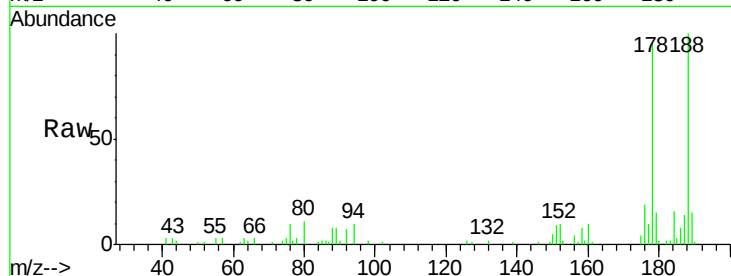
#70
Phenanthrene
Concen: 2.949 ng/mL
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104084.D
Acq: 30 Mar 2018 7:02

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6

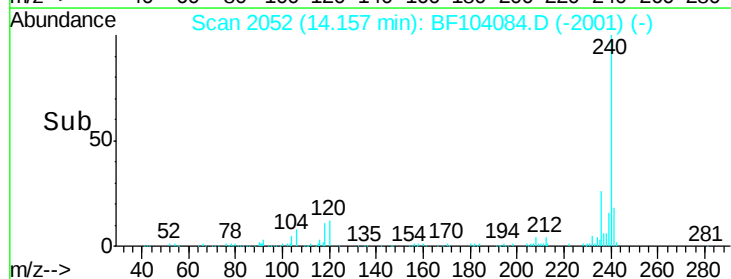
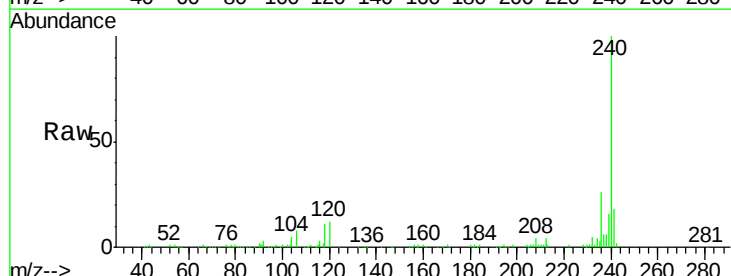
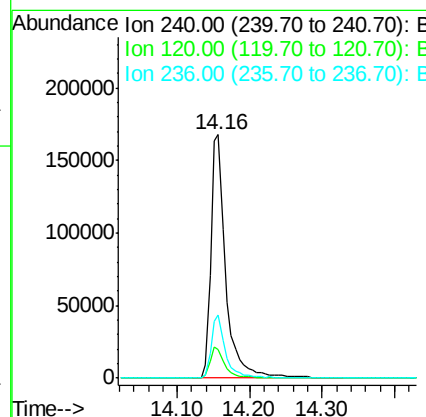
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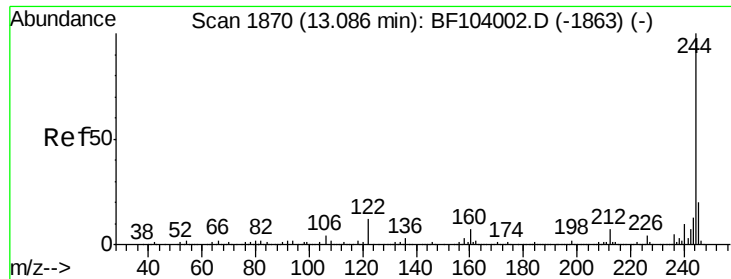
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104084.D
Acq: 30 Mar 2018 7:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1





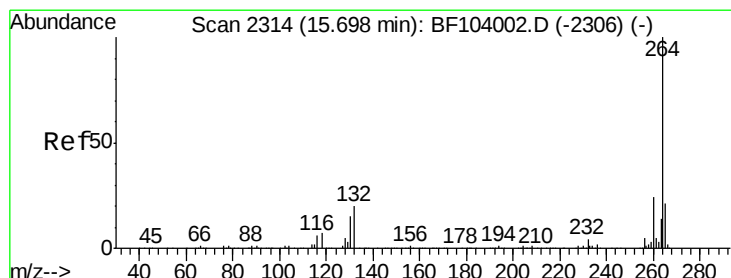
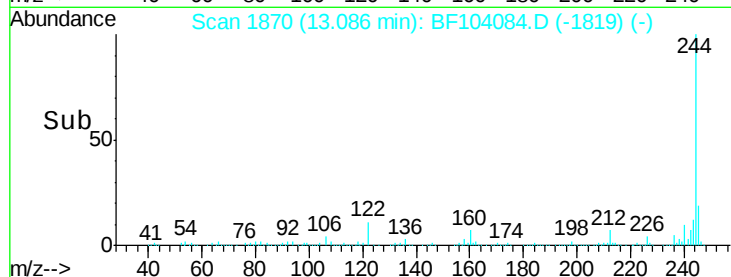
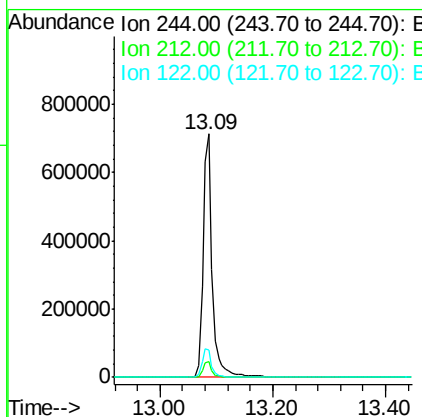
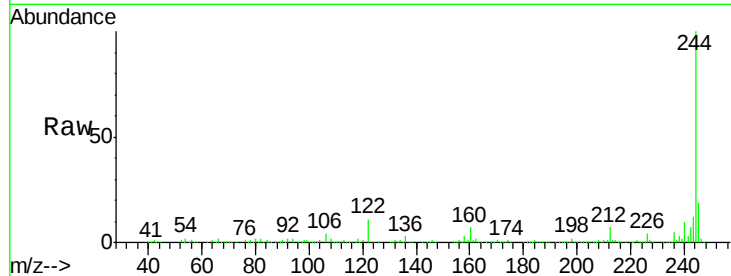
#78
 Terphenyl-d14
 Concen: 78.398 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-D-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.4	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104084.D
 Acq: 30 Mar 2018 7:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3

