

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104756.D
 Acq On : 24 Apr 2018 15:13
 Operator : JU/SJ
 Sample : J2501-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FADW4807L

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:22:44 PM

Quant Time: Apr 25 14:57:43 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	95560	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	354322	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	69875m	20.00	ng	0.07
63) Phenanthrene-d10	11.46	188	34930m	20.00	ng	0.13
75) Chrysene-d12	14.18	240	24397m	20.00	ng	0.19
86) Perylene-d12	15.64	264	108892	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	403046	64.49	ng	0.00
7) Phenol-d6	6.45	99	300147	39.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	568640	104.79	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	69424m	95.78	ng	0.06
44) 2-Fluorobiphenyl	9.17	172	621141	140.43	ng	0.00
78) Terphenyl-d14	12.99	244	46399	43.36	ng	0.06
Target Compounds						
22) Acetophenone	7.22	105	18746	2.149	ng	# 93
37) 2-Methylnaphthalene	8.80	142	31762	2.783	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.03	276	20178	15.866	ng	92

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

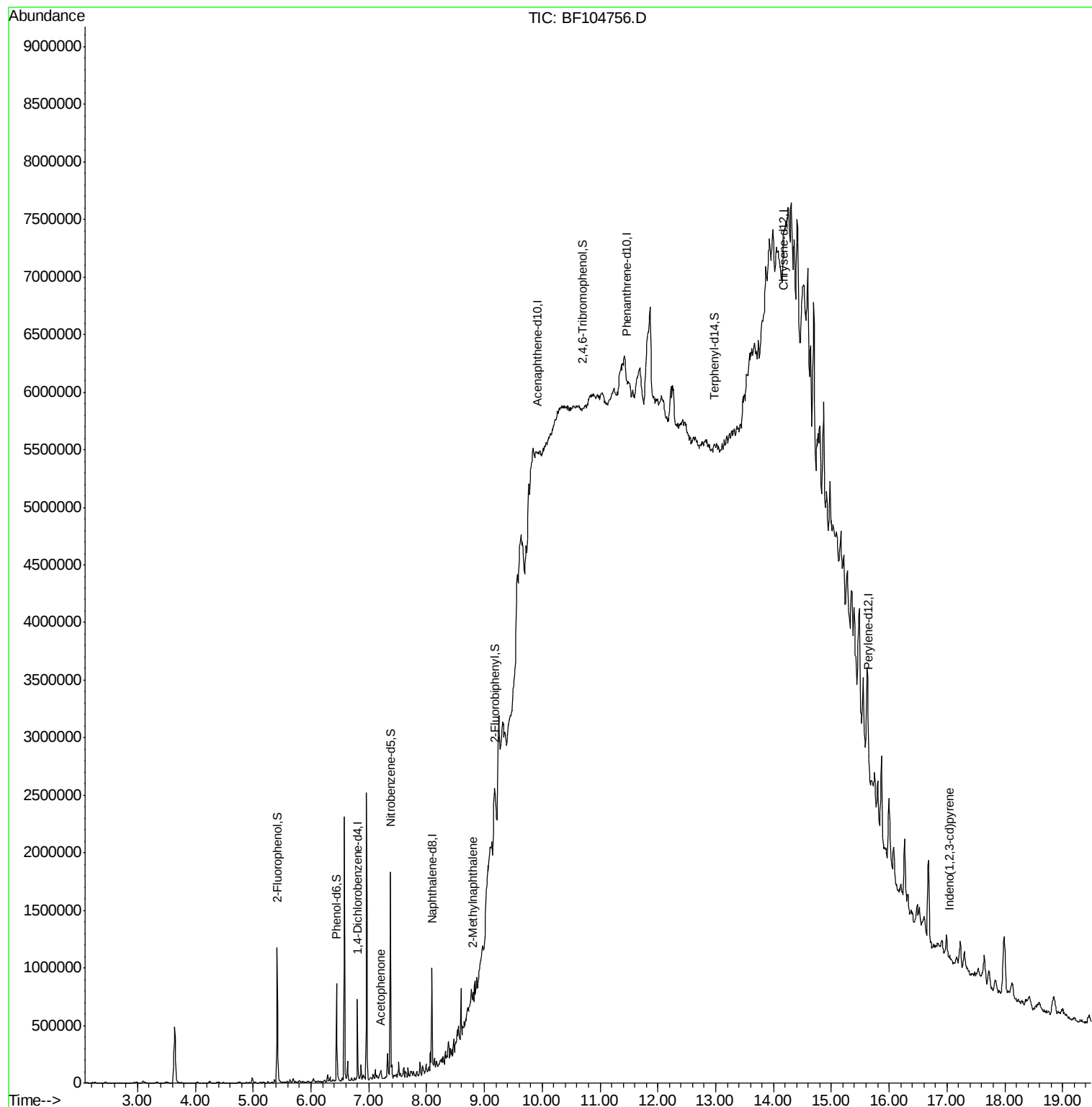
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104756.D
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Sample : J2501-02
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ALS Vial : 7 Sample Multiplier: 1

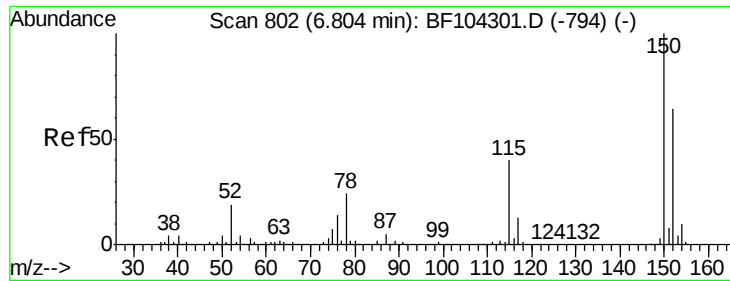
Instrument :
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ClientSampleId :
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Quant Time: Apr 25 14:57:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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#1

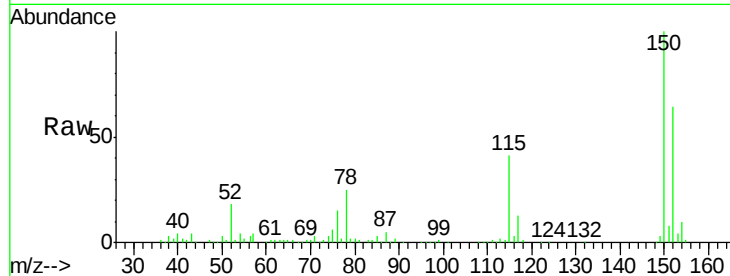
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Instrument :
BNA_F
ClientSampleId :
FADW4807L

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.0	50.1	75.1

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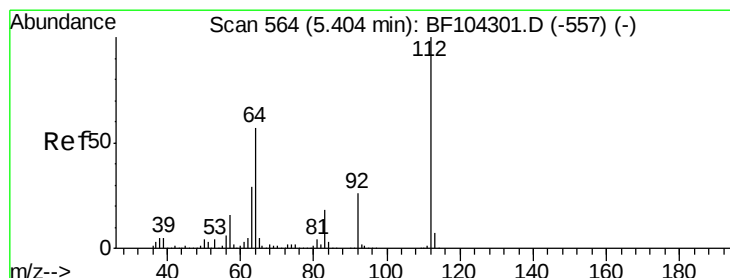
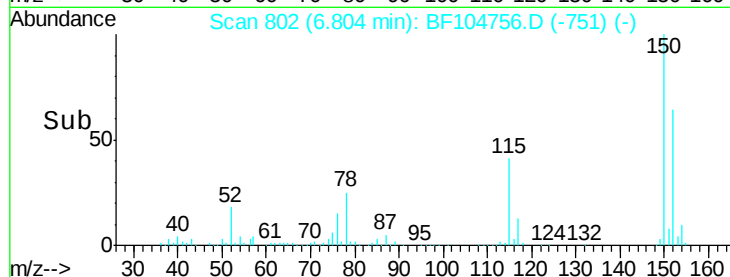
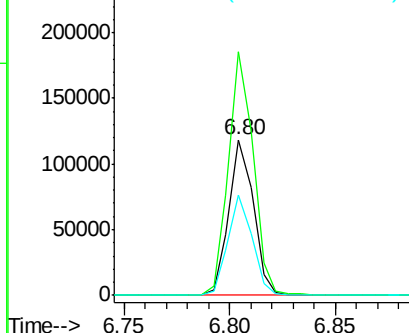


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

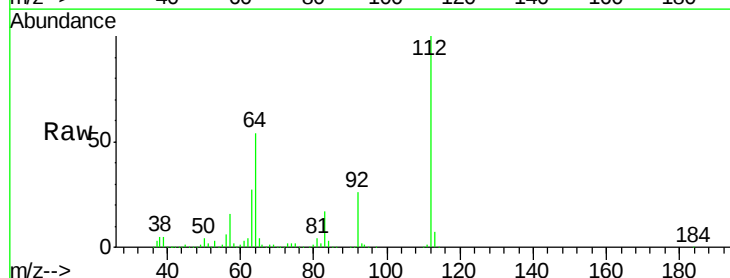
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 64.491 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.6	23.7	35.5

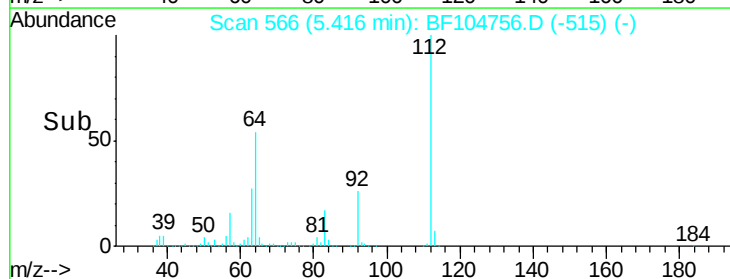
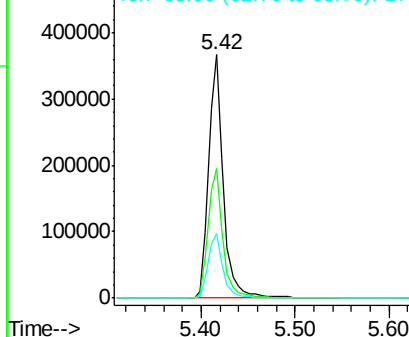


Abundance

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: 39.088 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104756.D

Acq: 24 Apr 2018 15:13

Instrument :

BNA_F

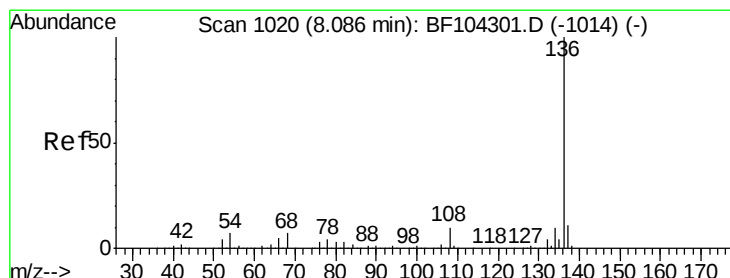
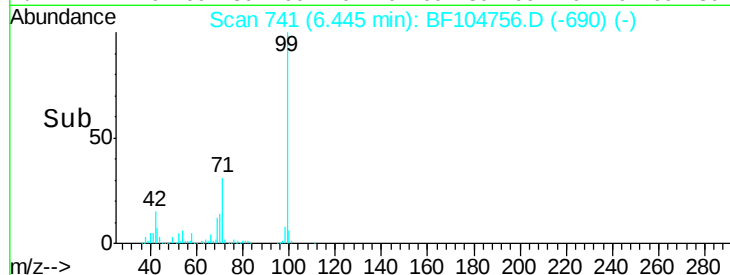
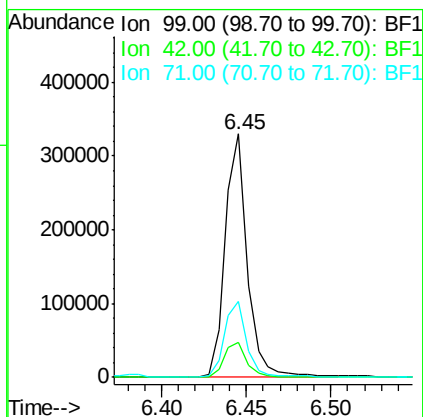
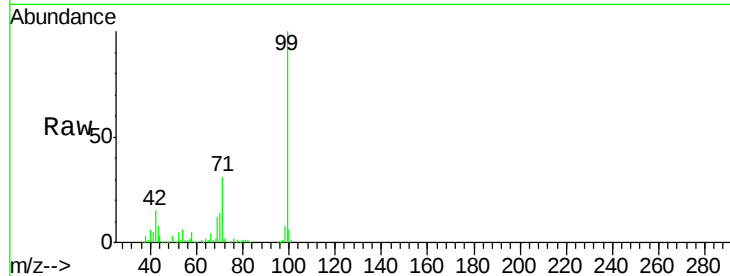
ClientSampleId :

FADW4807L

Tot Ion:	99	Resp:	300147
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	31.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

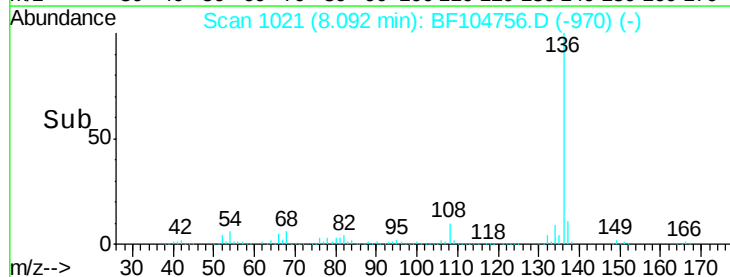
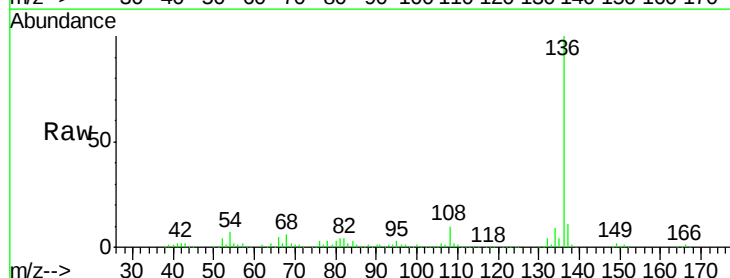
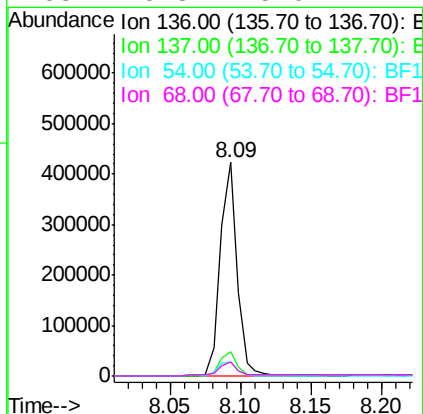
RT: 8.09 min Scan# 1021

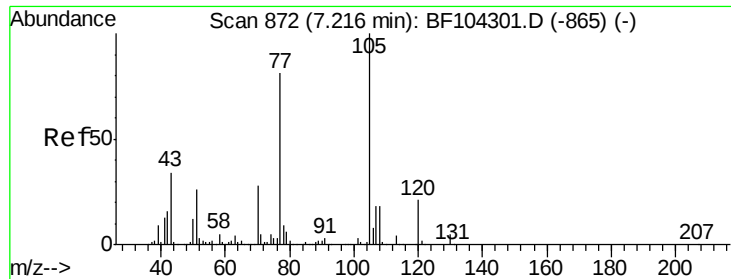
Delta R.T. -0.00 min

Lab File: BF104756.D

Acq: 24 Apr 2018 15:13

Tgt Ion:	136	Resp:	354322
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.6	6.6	9.8
68	6.3	5.0	7.4





#22

Acetophenone

Concen: 2.149 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104756.D

Acq: 24 Apr 2018 15:13

Instrument :

BNA_F

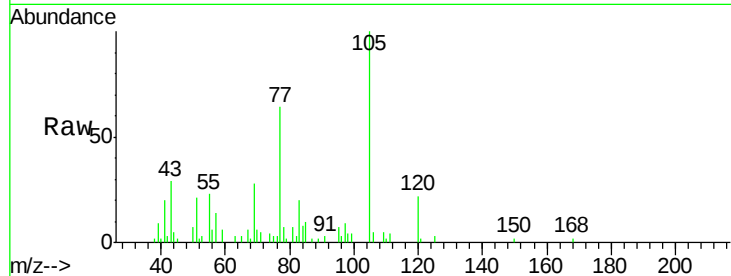
ClientSampleId :

FADW4807L

Tot Ion:	105	Resp:	18746
Ion Ratio	Lower	Upper	
105	100		
71	5.0	4.4	6.6
51	21.4	22.3	33.5
120	22.1	16.9	25.3

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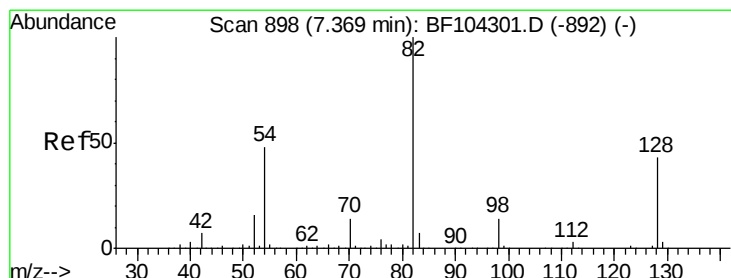
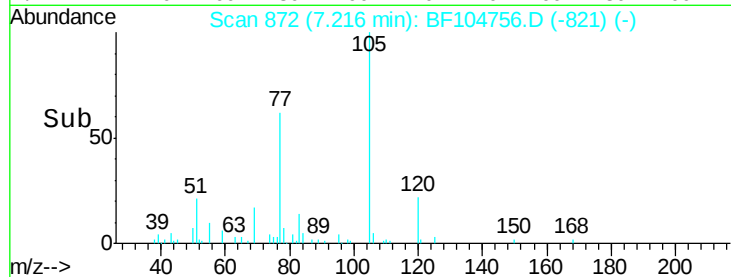
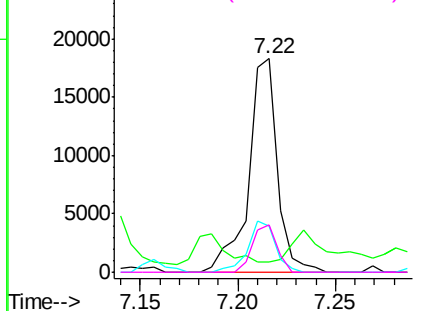


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 104.795 ng

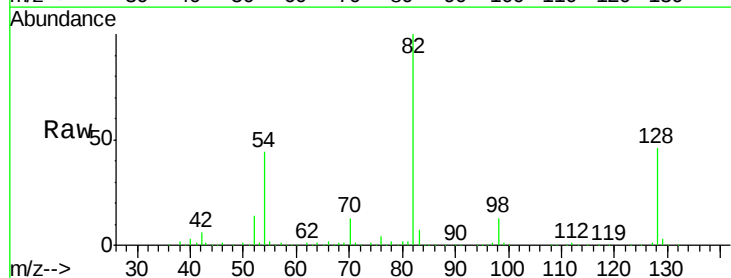
RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104756.D

Acq: 24 Apr 2018 15:13

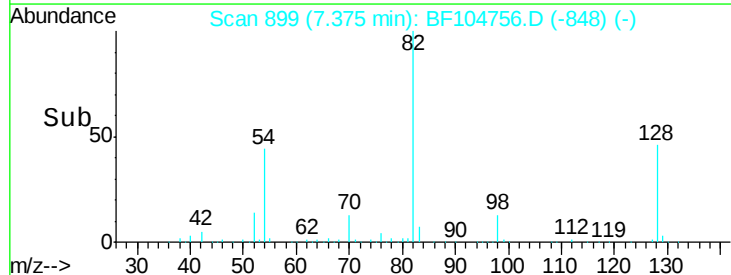
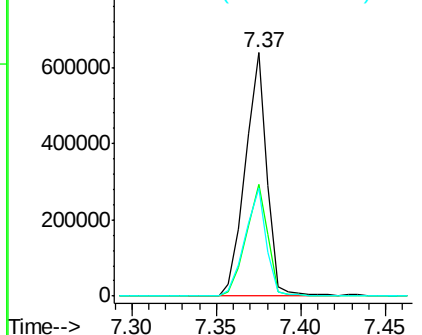
Tgt Ion:	82	Resp:	568640
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	44.4	41.4	62.2

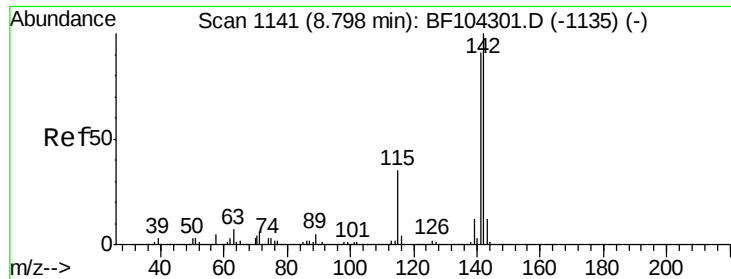


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





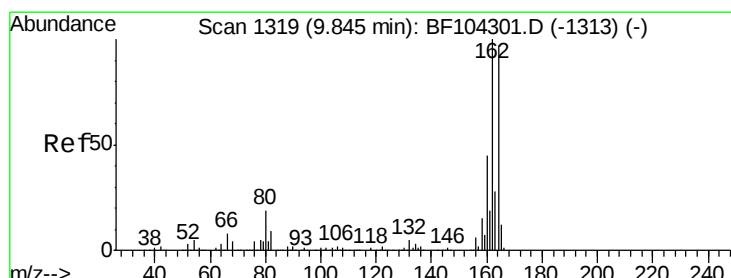
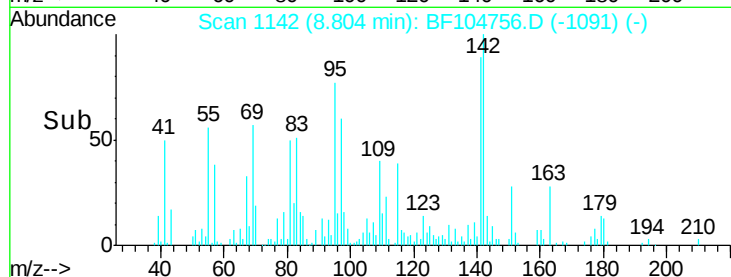
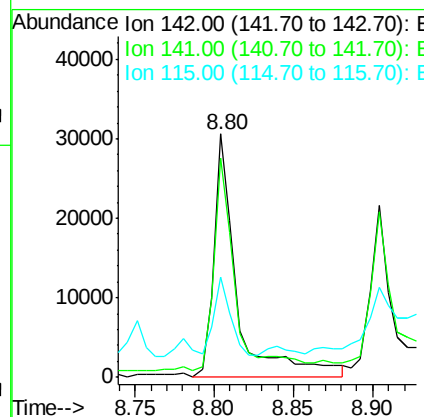
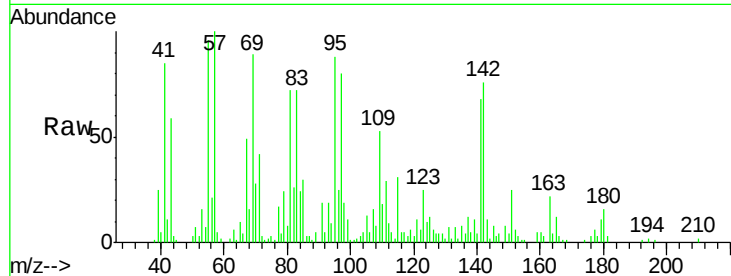
#37
2-Methylnaphthalene
Concen: 2.783 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Instrument :
BNA_F
ClientSampleId :
FADW4807L

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	40.9	26.1	39.1#

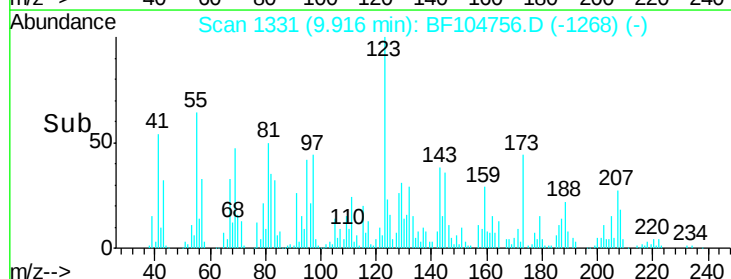
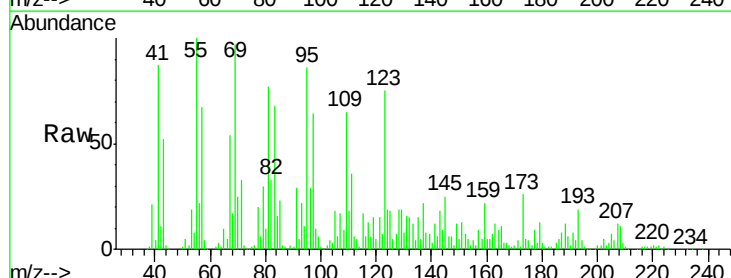
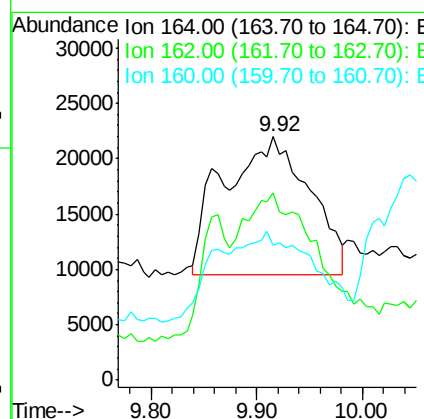
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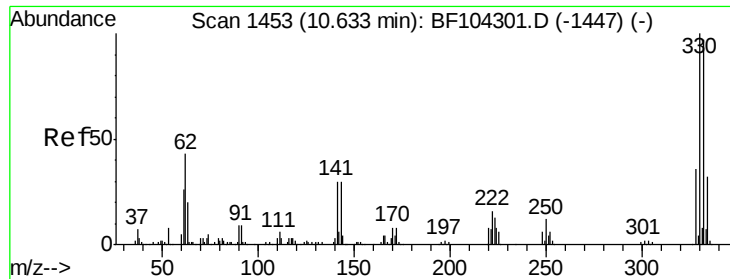
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#38
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.92 min Scan# 1331
Delta R.T. 0.07 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	77.1	86.1	129.1#
160	55.6	38.3	57.5





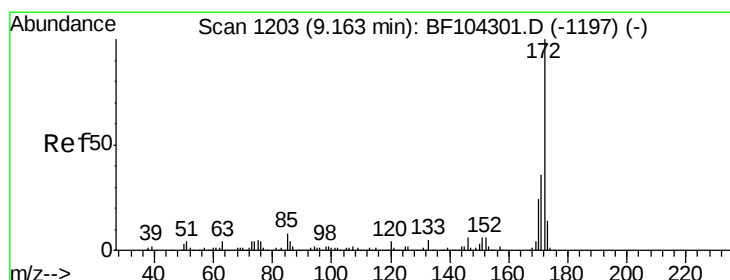
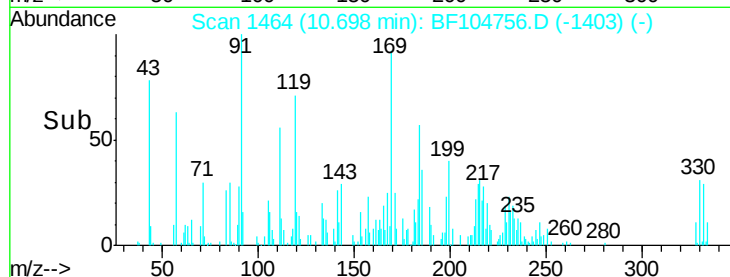
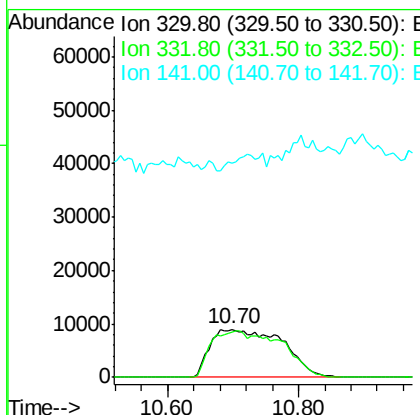
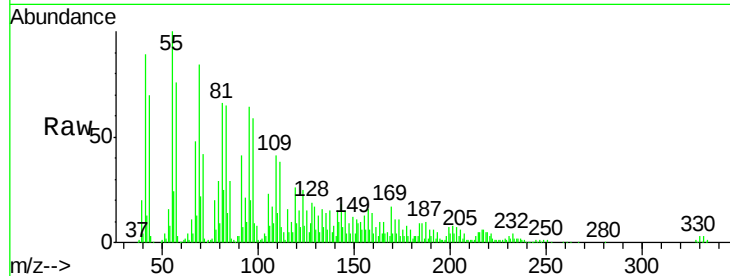
#41
 2,4,6-Tribromophenol
 Concen: 95.779 ng/ml
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.06 min
 Lab File: BF104756.D
 Acq: 24 Apr 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 FADW4807L

Tot Ion	Ratio	Lower	Upper
330	100		
332	47.0	77.0	115.6#
141	0.0	29.9	44.9#

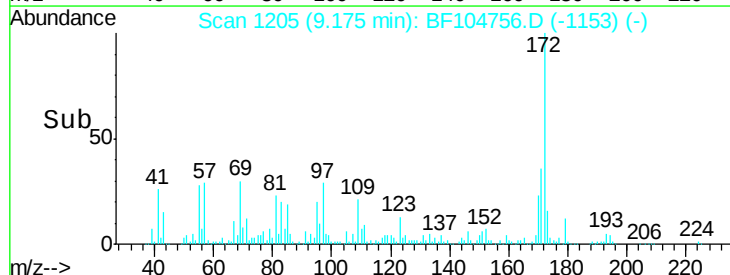
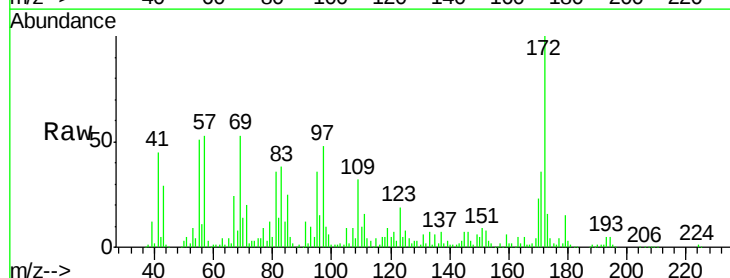
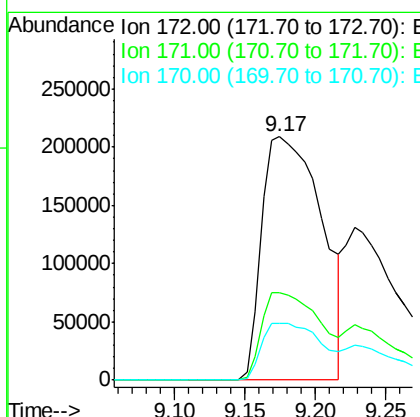
Manual Integrations
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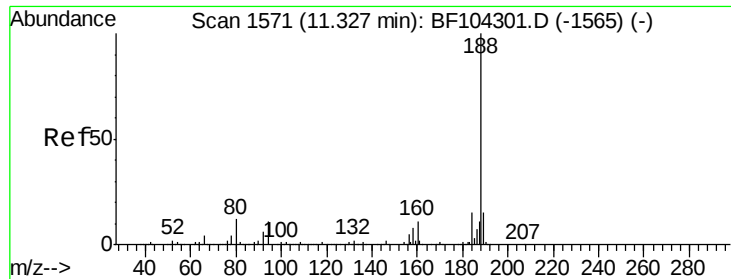
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#44
 2-Fluorobiphenyl
 Concen: 140.429 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104756.D
 Acq: 24 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4





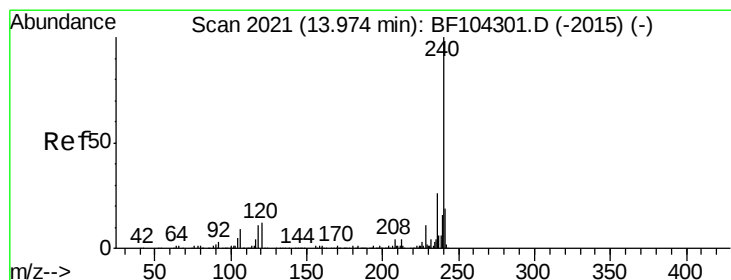
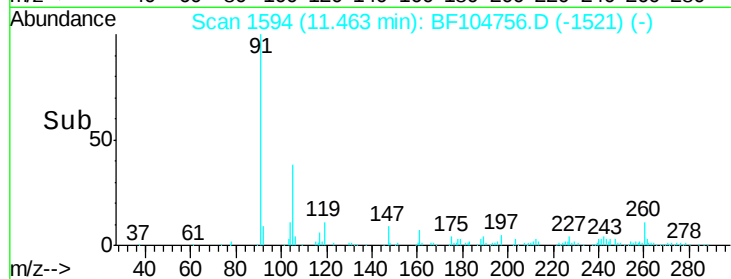
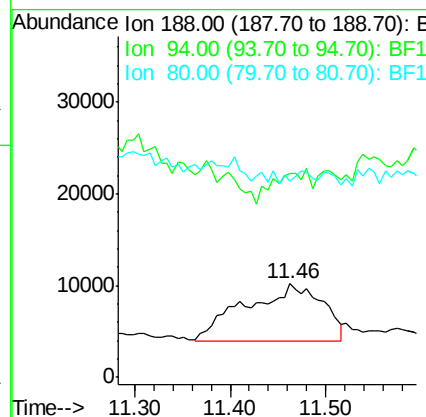
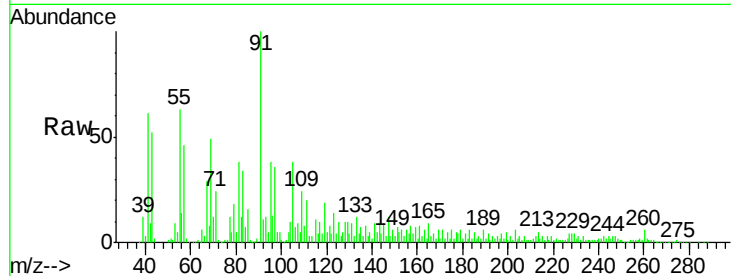
#63
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.46 min Scan# 1594
Delta R.T. 0.13 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Instrument :
BNA_F
ClientSampleId :
FADW4807L

Tot Ion	Ratio	Resp	Lower	Upper
188	100	34930		
94	219.1		8.5	12.7#
80	210.7		9.2	13.8#

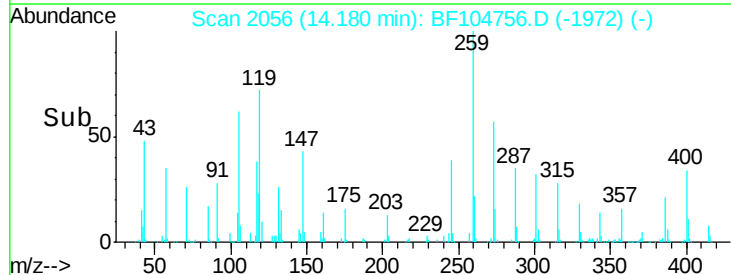
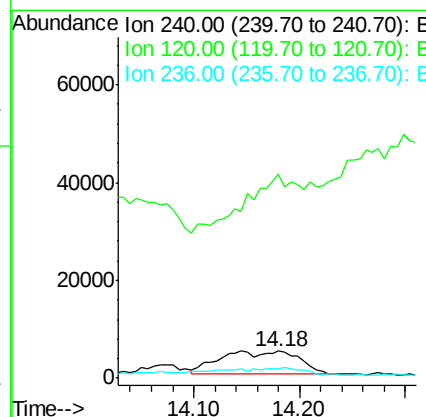
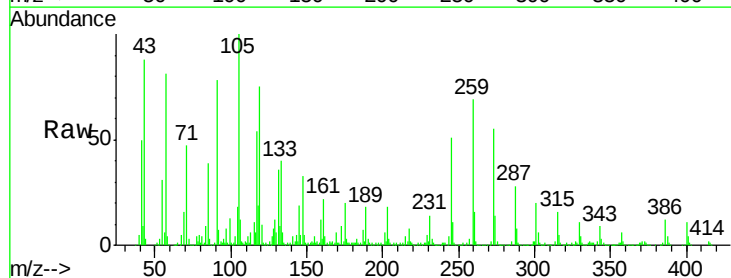
Manual Integrations
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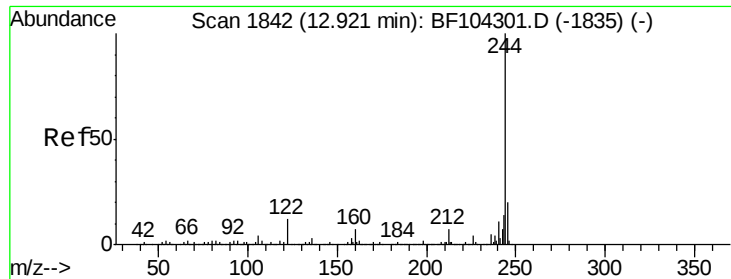
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#75
Chrysene-d12
Concen: 20.000 ng m
RT: 14.18 min Scan# 2056
Delta R.T. 0.19 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	24397		
120	757.3		9.5	14.3#
236	34.6		20.7	31.1#





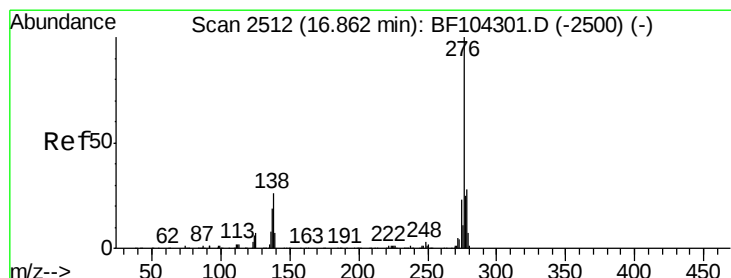
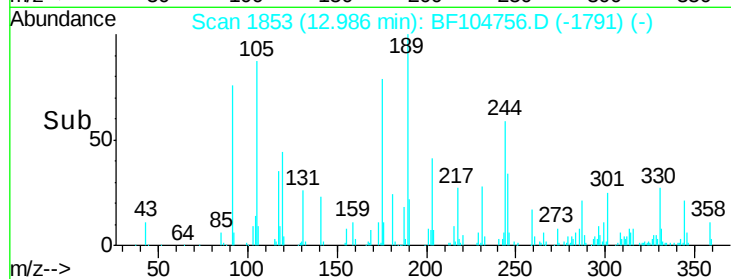
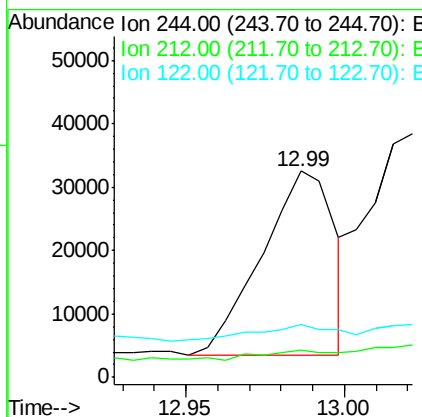
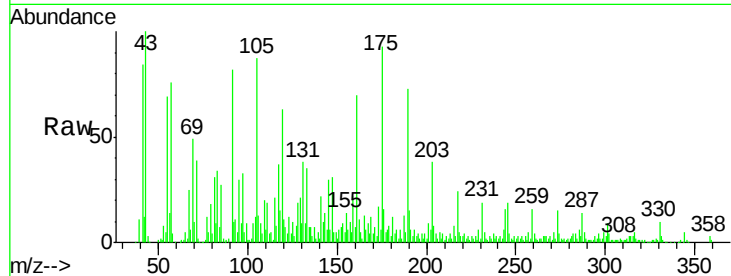
#78
 Terphenyl-d14
 Concen: 43.359 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF104756.D
 Acq: 24 Apr 2018 15:13

Instrument :
 BNA_F
 ClientSampled :
 FADW4807L

Tot Ion	Ratio	Lower	Upper
244	100		
212	12.9	5.4	8.0#
122	25.9	11.0	16.4#

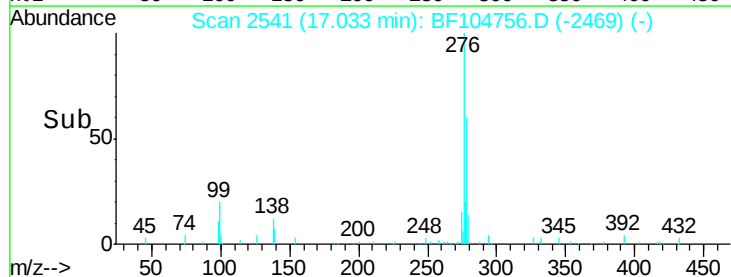
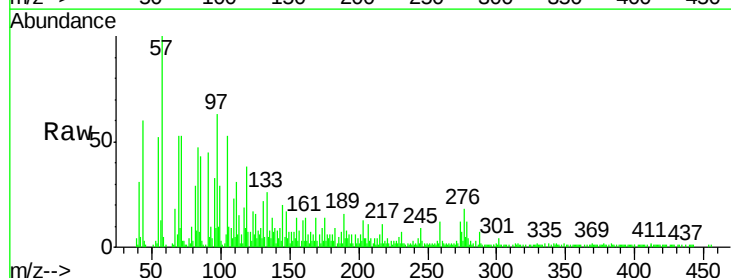
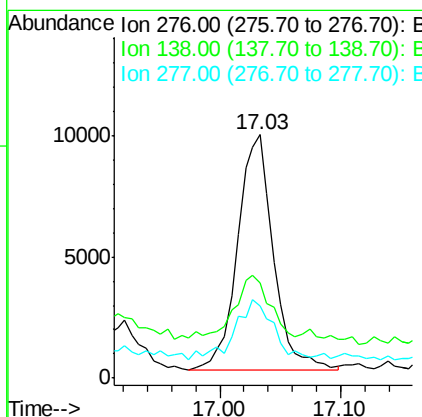
Manual Integrations
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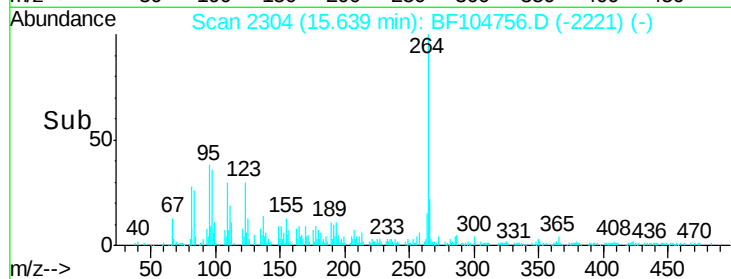
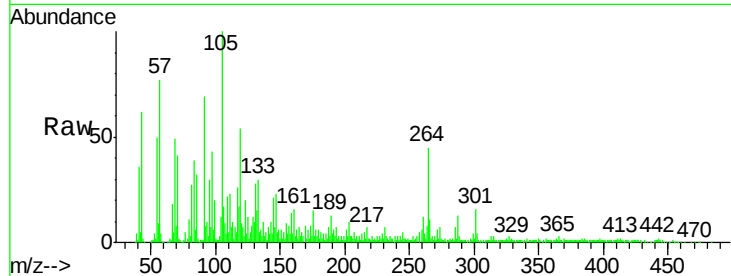
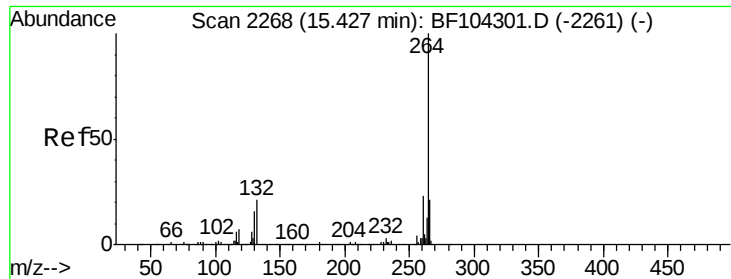
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 4/25/2018 4:22:44 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.866 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.12 min
 Lab File: BF104756.D
 Acq: 24 Apr 2018 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	28.5	20.1	30.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.19 min
Lab File: BF104756.D
Acq: 24 Apr 2018 15:13

Instrument :
BNA_F
ClientSampleId :
FADW4807L

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	26.5	19.2	28.8
265	24.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:44 PM

