

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101867.D
 Acq On : 3 Jan 2018 18:31
 Operator : SJ/JU
 Sample : I7105-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4651

Manual Integrations
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 1/4/2018 1:56:32 PM

Quant Time: Jan 04 02:54:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	160764	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	629893	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	260503	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	420968	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	307435	20.00	ng	-0.02
86) Perylene-d12	15.42	264	253261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1093792	101.35	ng	0.00
7) Phenol-d6	6.42	99	1290592	96.08	ng	-0.01
23) Nitrobenzene-d5	7.35	82	812384	71.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	245578	97.83	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1174185	69.92	ng	-0.01
78) Terphenyl-d14	12.88	244	845386	66.29	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	55121	3.601	ng	Qvalue # 67
49) Dimethylphthalate	9.52	163	117516	5.608	ng	98
70) Phenanthrene	11.32	178	137891	5.890	ng	98
74) Fluoranthene	12.52	202	218515	8.893	ng	97
77) Pyrene	12.75	202	162065	7.024	ng	98
80) Benzo(a)anthracene	13.94	228	52305	2.577	ng	96
82) Chrysene	13.98	228	49814m	2.599	ng	
83) Bis(2-ethylhexyl)phthalate	13.89	149	99868	7.552	ng	97
87) Benzo(b)fluoranthene	15.00	252	43248m	2.802	ng	

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

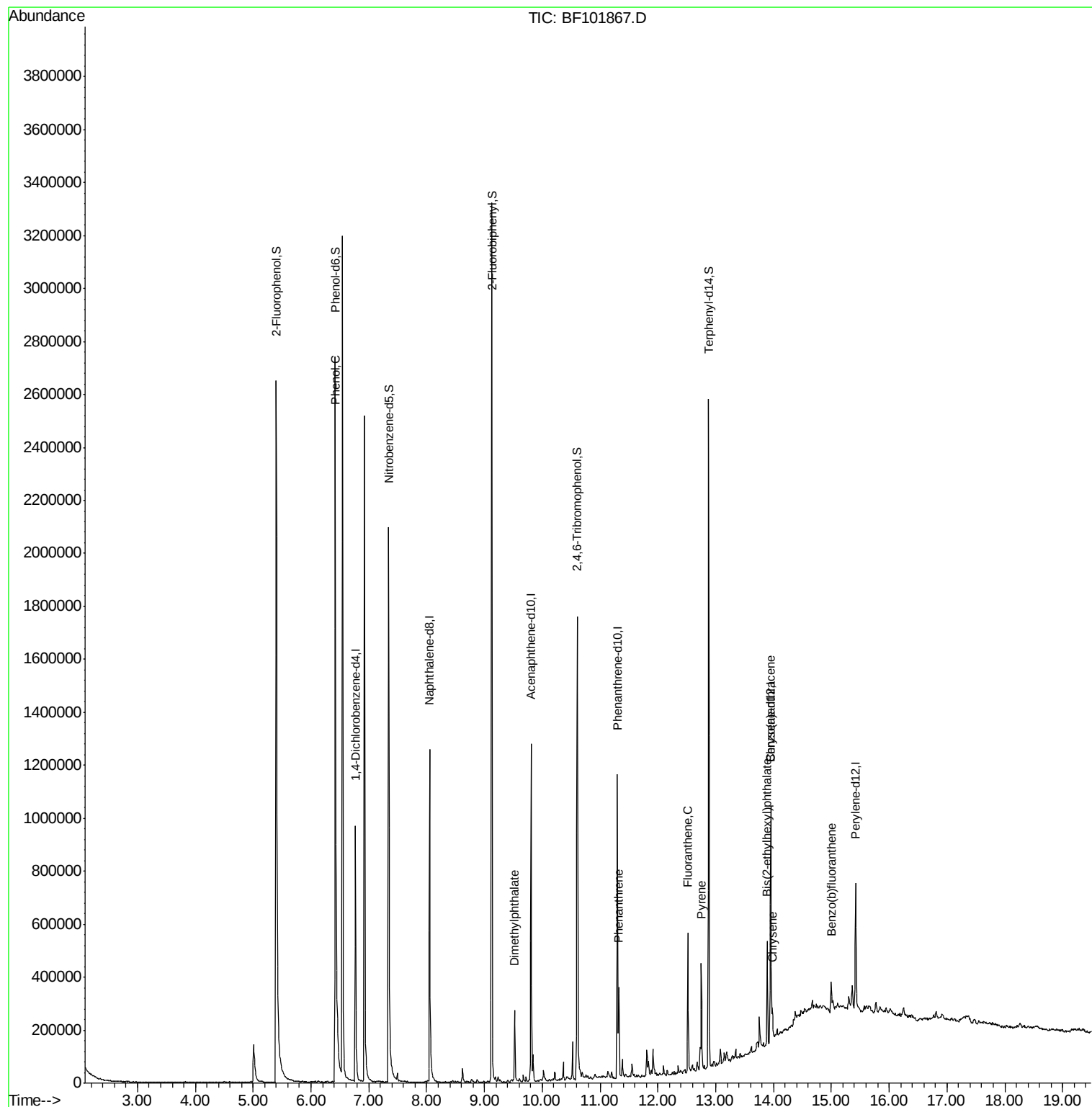
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101867.D
Acq On : 3 Jan 2018 18:31
Operator : SJ/JU
Sample : I7105-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

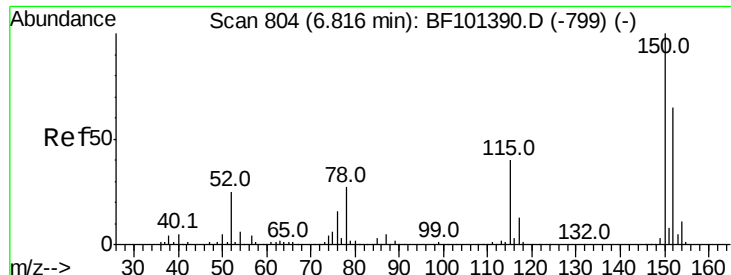
Instrument :
BNA_F
ClientSampleId :
RT4651

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Quant Time: Jan 04 02:54:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration





#1

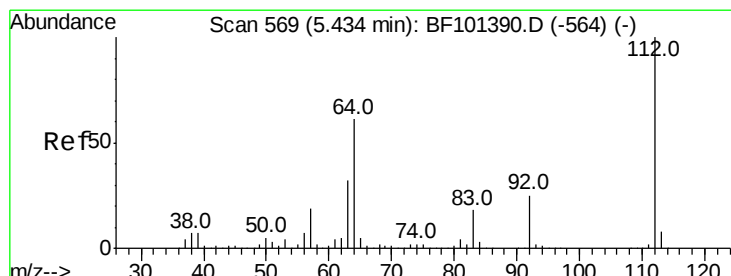
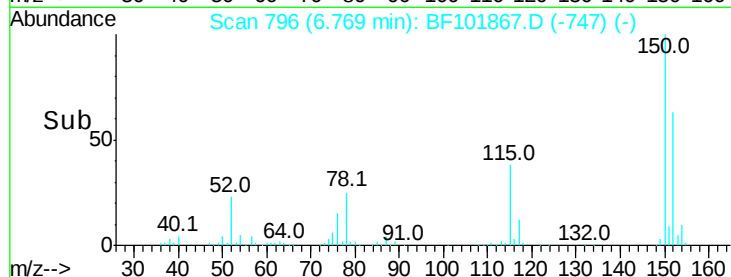
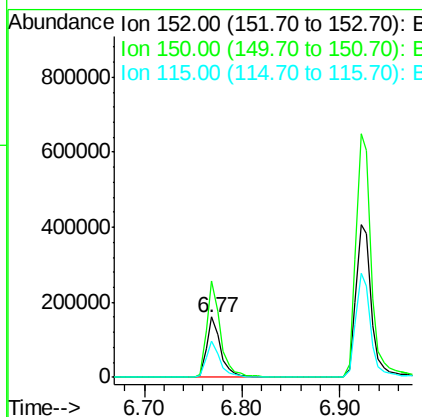
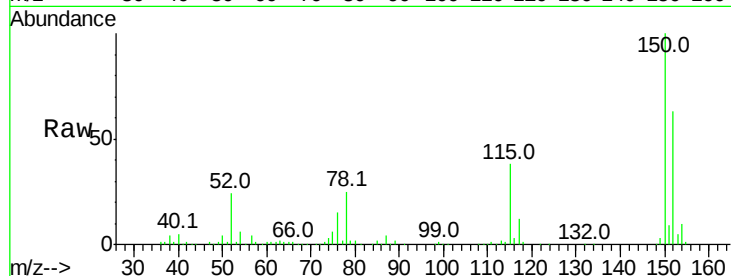
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Instrument :
BNA_F
ClientSampled :
RT4651

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	60.6	50.1	75.1

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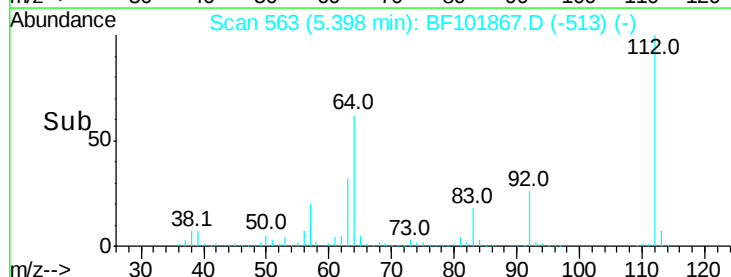
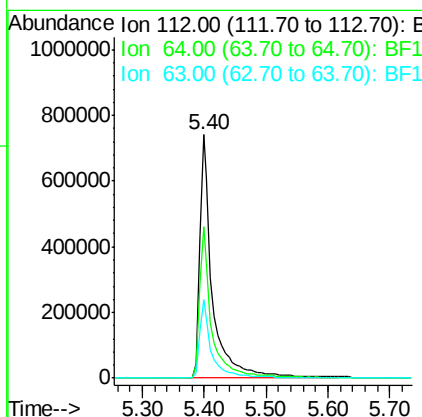
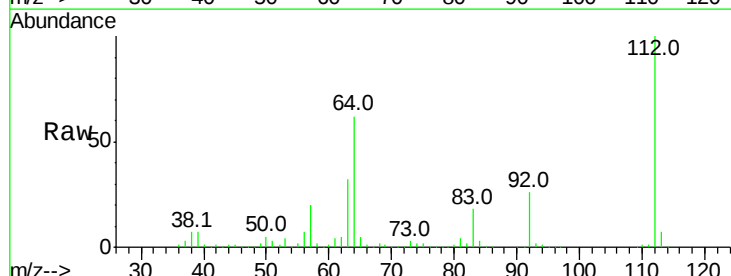
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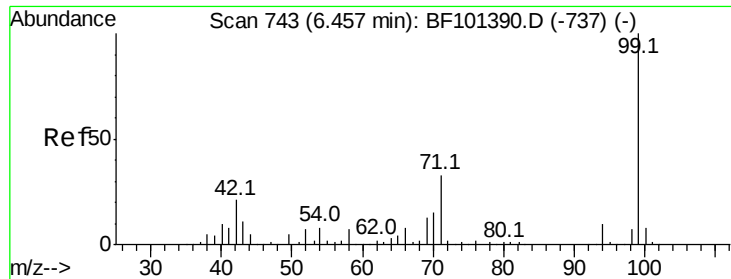


#5

2-Fluorophenol
Concen: 101.347 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 96.085 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Instrument :

BNA_F

ClientSampleId :

RT4651

Tot Ion: 99 Resp: 1290592

Ion Ratio Lower Upper

99 100

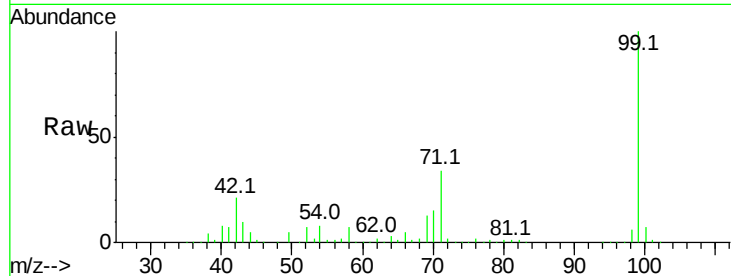
42 21.0 14.5 21.7

71 34.3 25.4 38.0

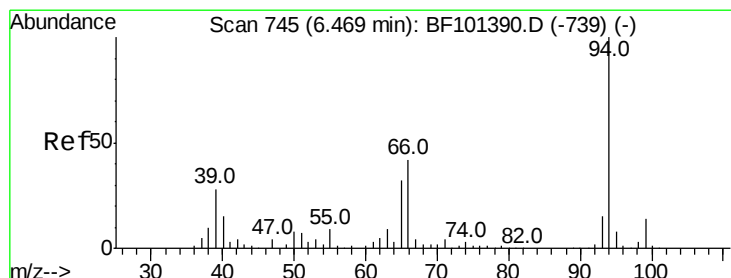
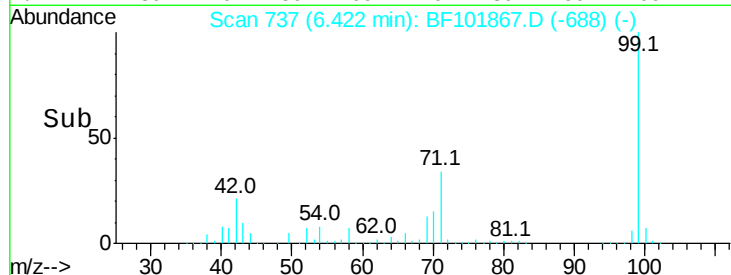
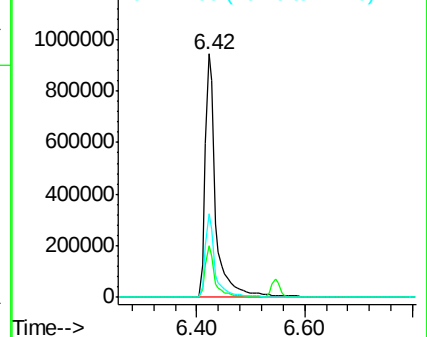
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.601 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

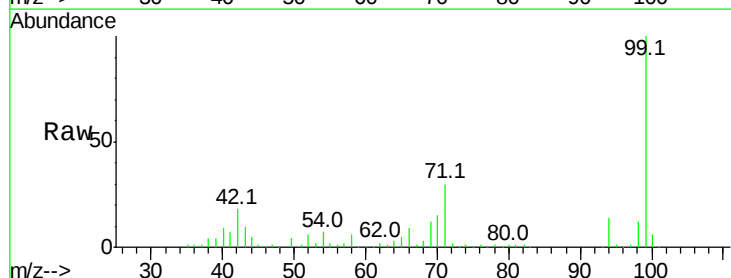
Tgt Ion: 94 Resp: 55121

Ion Ratio Lower Upper

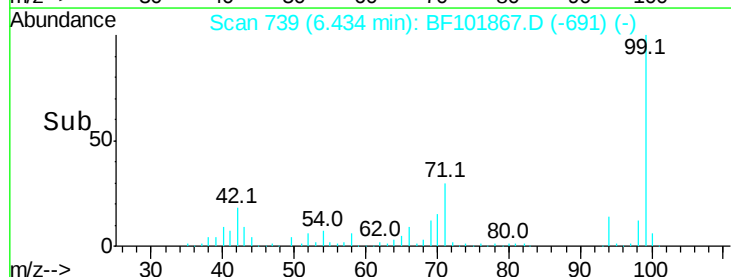
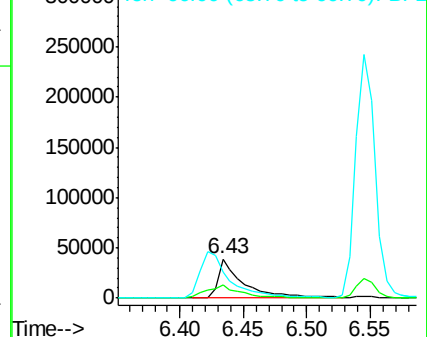
94 100

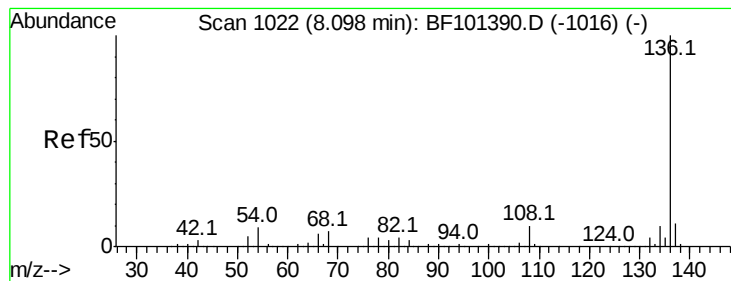
65 34.6 7.9 47.9

66 65.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Instrument :

BNA_F

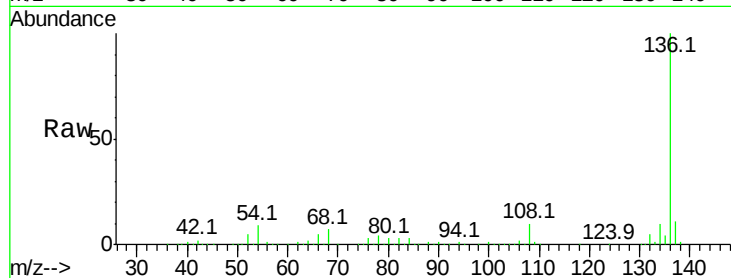
ClientSampleId :

RT4651

Tot Ion	Ratio	Resp	Lower	Upper
136	100	629893		
137	10.9		8.9	13.3
54	9.3		6.6	9.8
68	6.9		5.0	7.4

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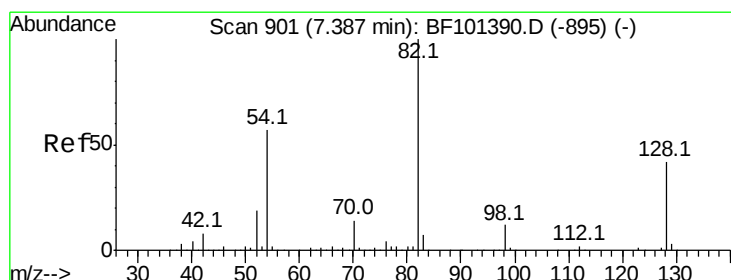
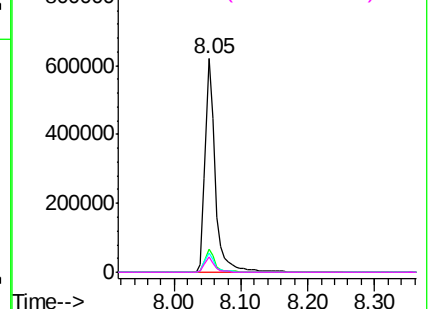
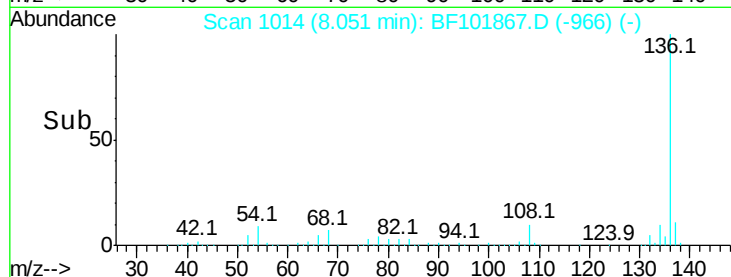


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.793 ng

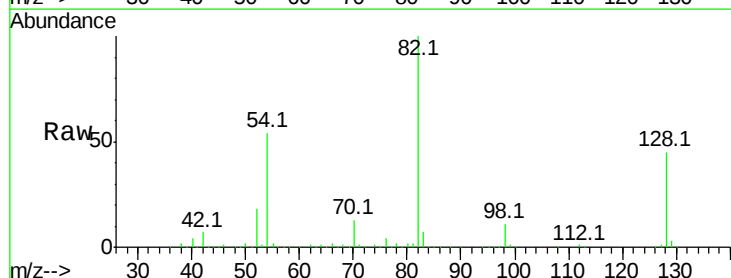
RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

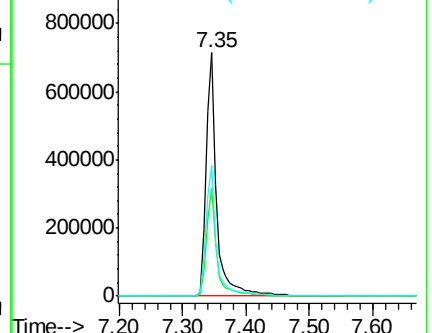
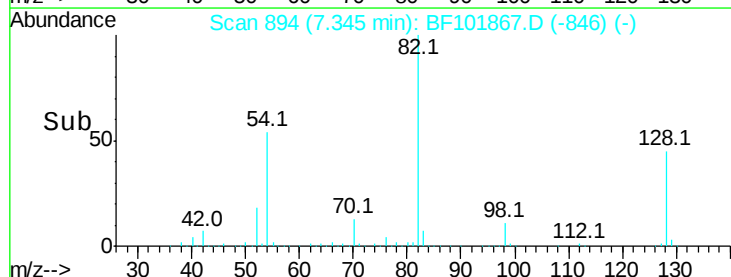
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	812384		
128	44.5		36.1	54.1
54	53.7		41.4	62.2

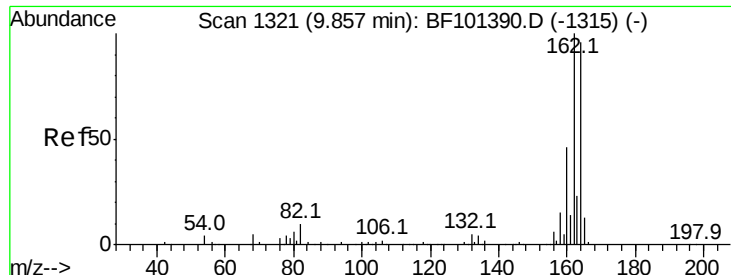


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





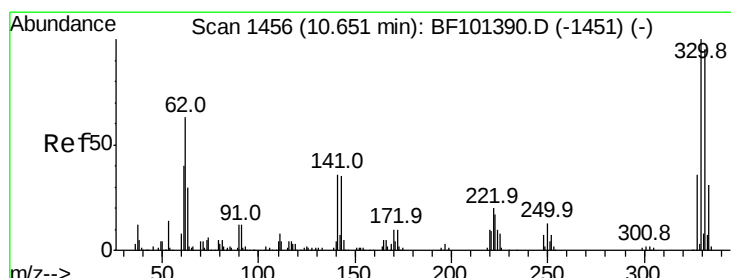
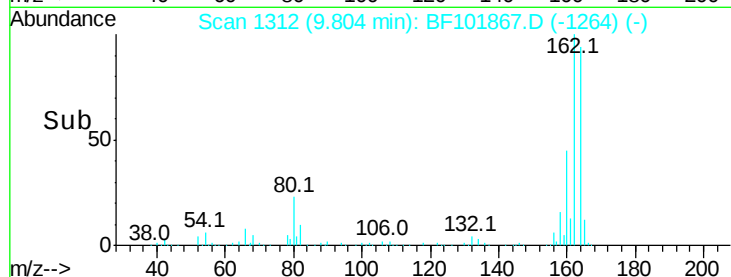
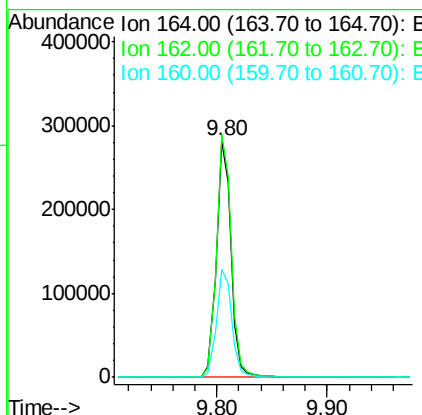
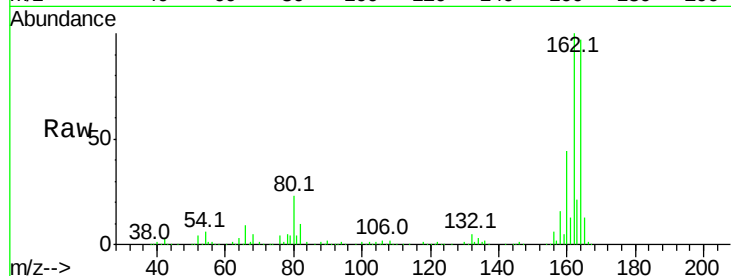
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF101867.D
 Acq: 3 Jan 2018 18:31

Instrument :
 BNA_F
 ClientSampled :
 RT4651

Tot Ion	Ratio	Resp	Lower	Upper
164	100	260503		
162	103.0		86.1	129.1
160	45.7		38.3	57.5

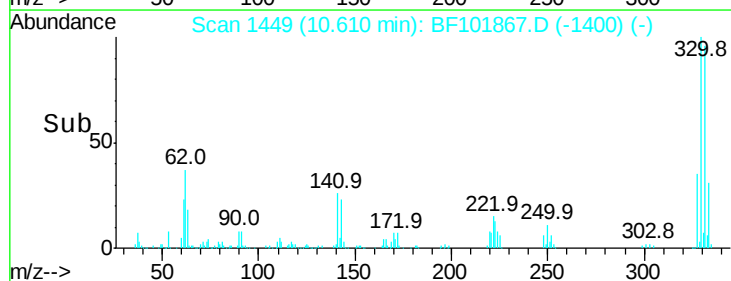
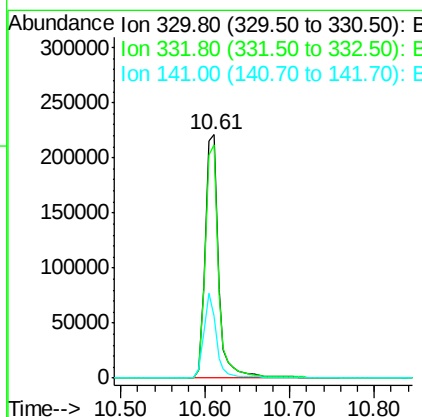
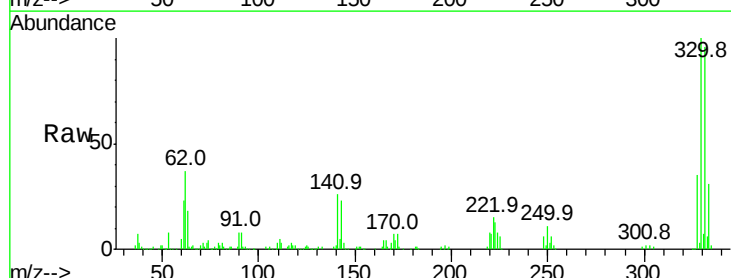
Manual Integrations
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#41
 2,4,6-Tribromophenol
 Concen: 97.834 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101867.D
 Acq: 3 Jan 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245578		
332	94.5		77.0	115.6
141	32.4		29.9	44.9





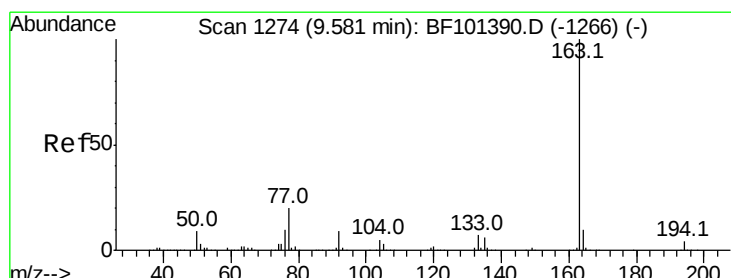
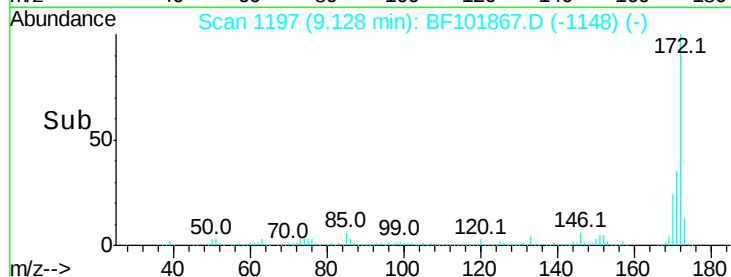
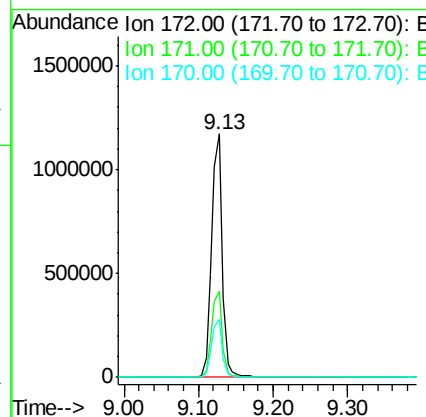
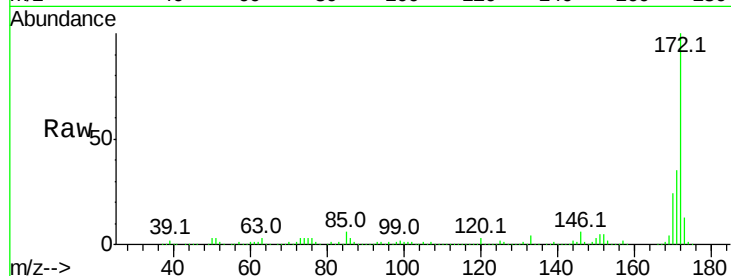
#44
2-Fluorobiphenyl
Concen: 69.920 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Instrument :
BNA_F
ClientSampleId :
RT4651

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4

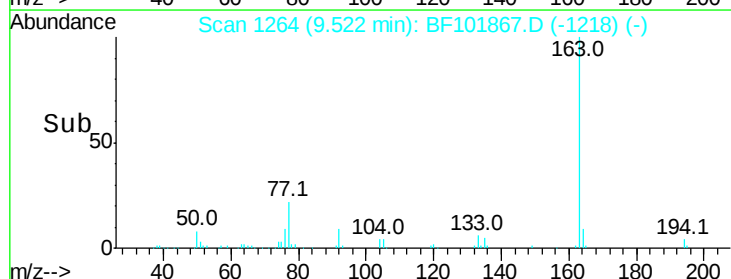
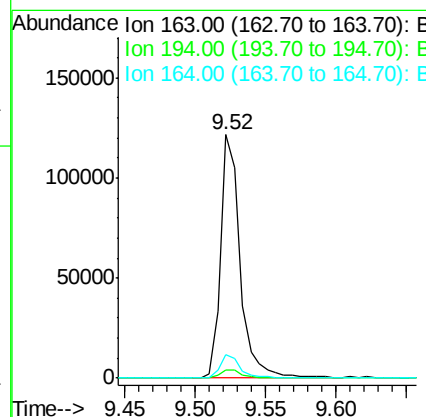
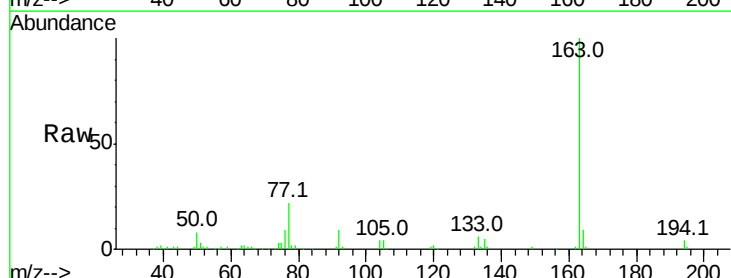
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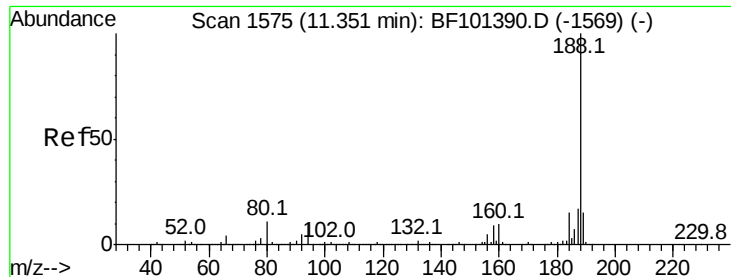
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#49
Dimethylphthalate
Concen: 5.608 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.2	12.2





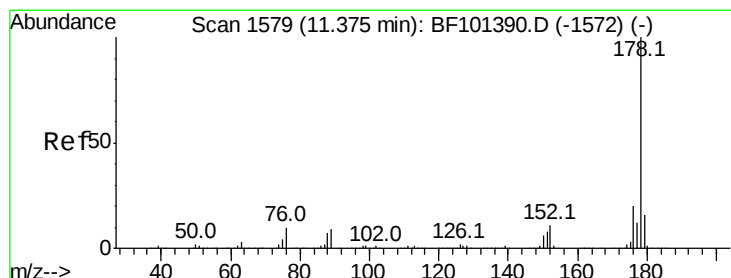
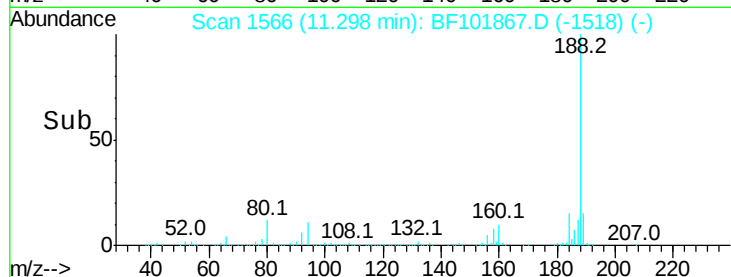
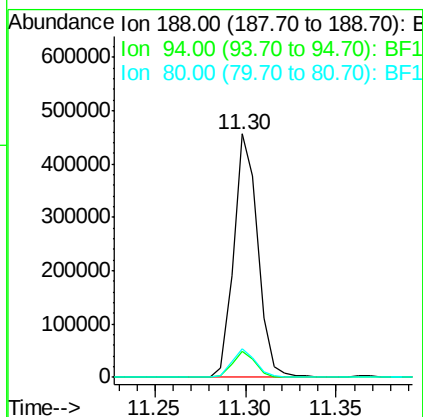
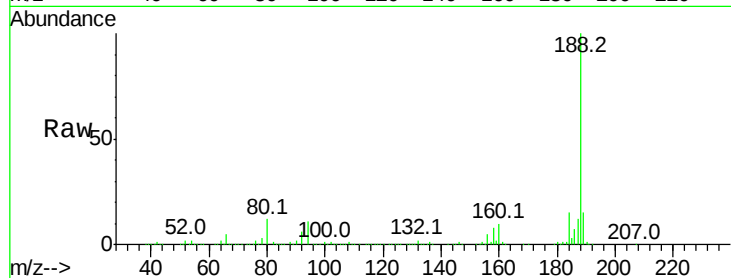
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Instrument :
BNA_F
ClientSampleId :
RT4651

Tot Ion	Ratio	Resp	Lower	Upper
188	100	420968		
94	10.7		8.5	12.7
80	11.9		9.2	13.8

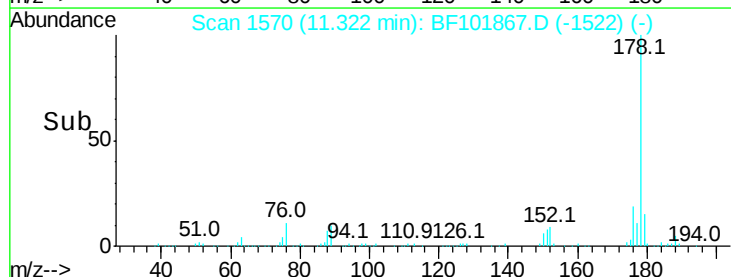
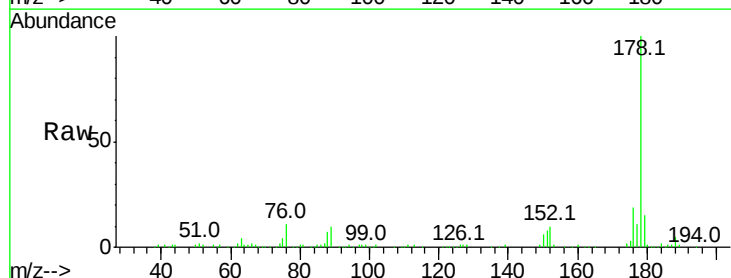
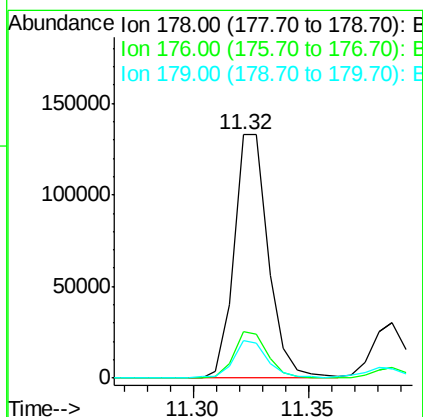
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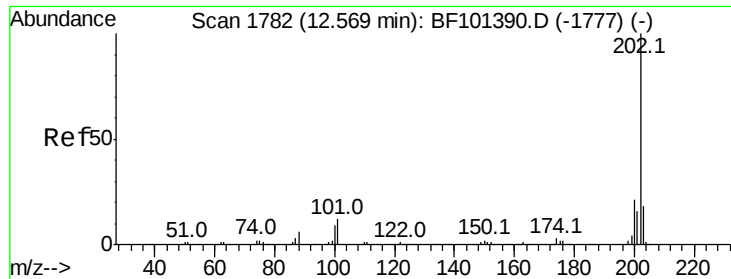
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#70
Phenanthrene
Concen: 5.890 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	137891		
176	19.1		15.8	23.8
179	15.3		13.0	19.6





#74

Fluoranthene

Concen: 8.893 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Instrument :

BNA_F

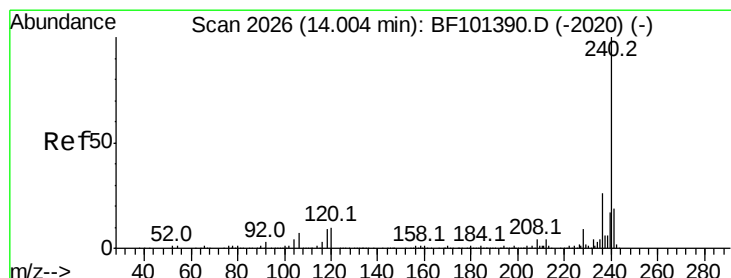
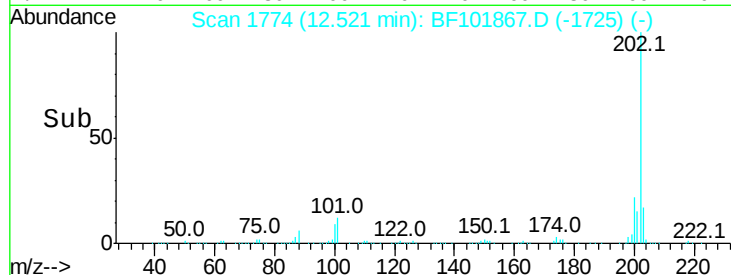
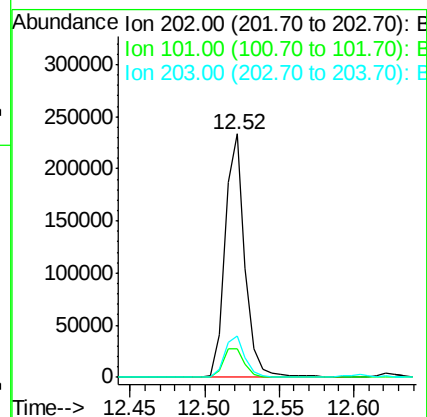
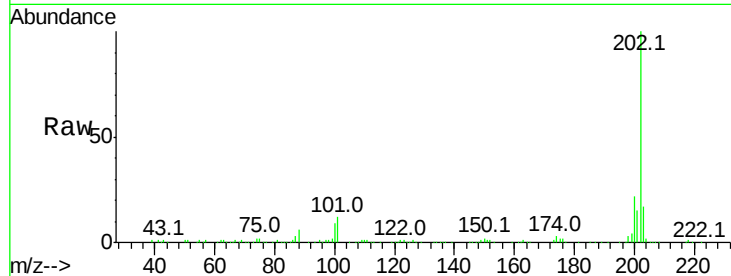
ClientSampleId :

RT4651

Tot Ion:	202	Resp:	218515
Ion Ratio		Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

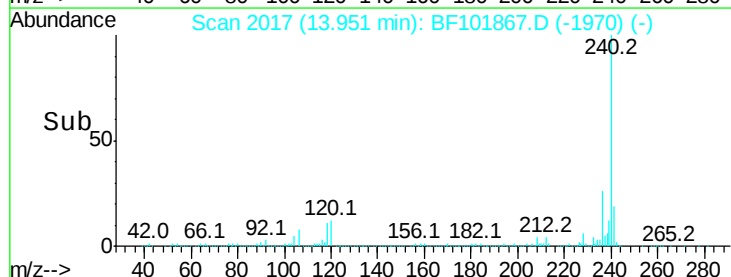
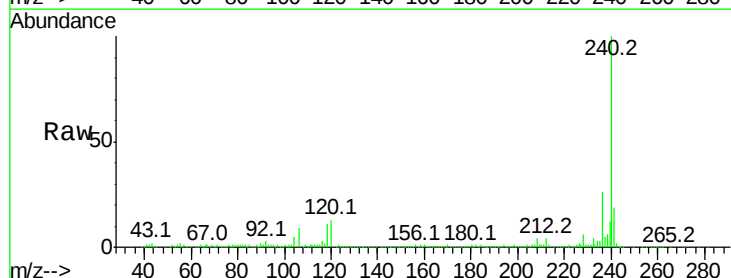
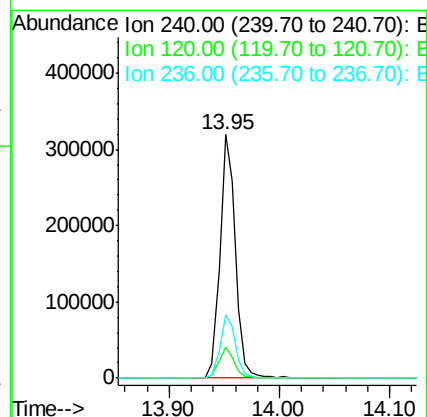
RT: 13.95 min Scan# 2017

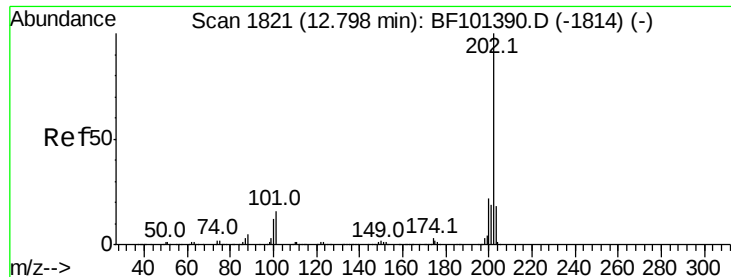
Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Tgt Ion:	240	Resp:	307435
Ion Ratio		Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 7.024 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Instrument :

BNA_F

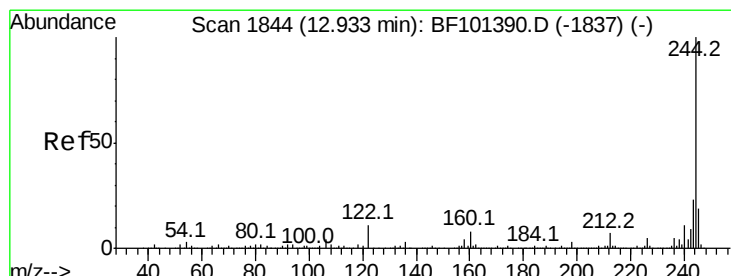
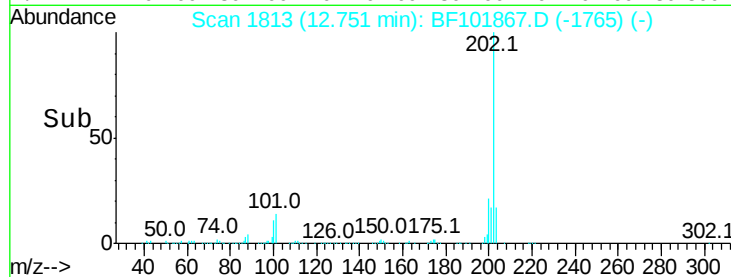
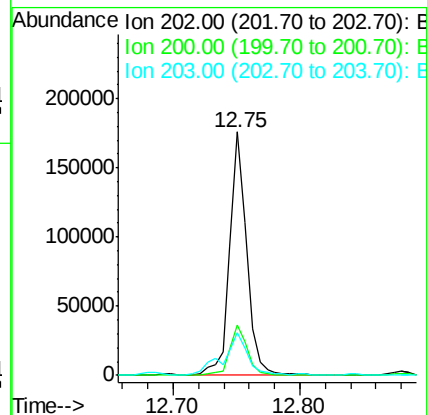
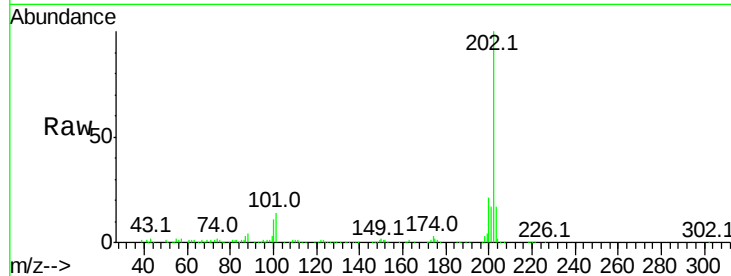
ClientSampleId :

RT4651

Tot Ion:	202	Resp:	162065
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 66.291 ng

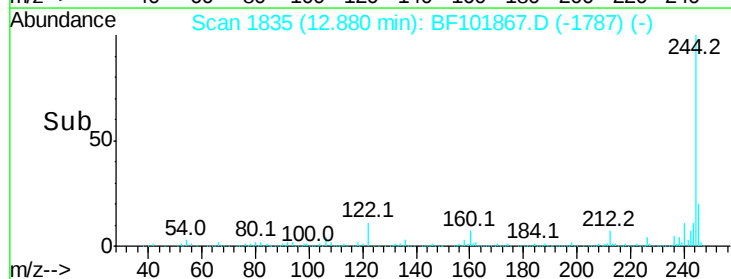
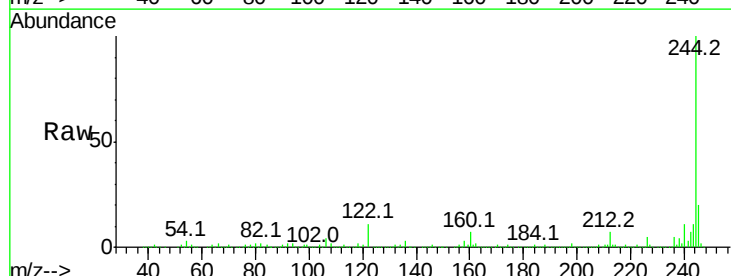
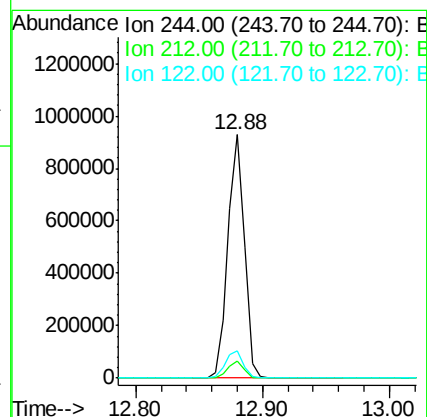
RT: 12.88 min Scan# 1835

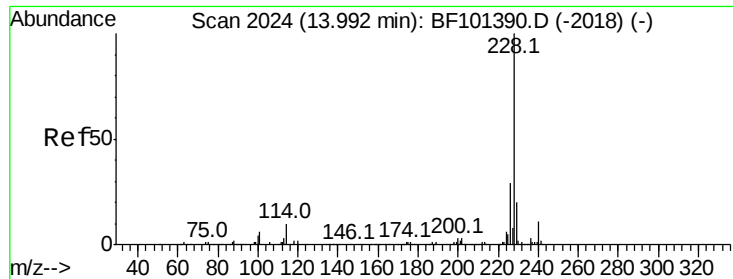
Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Tgt Ion:	244	Resp:	845386
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4





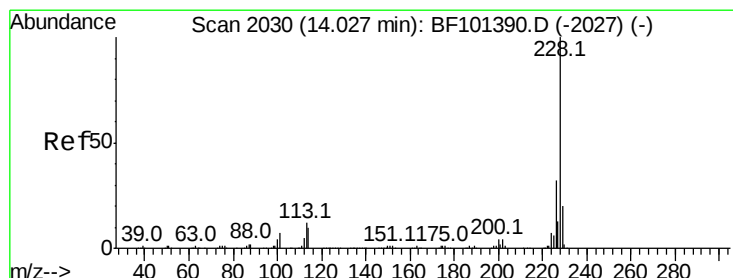
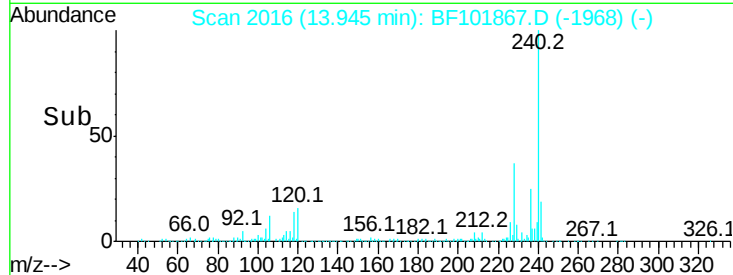
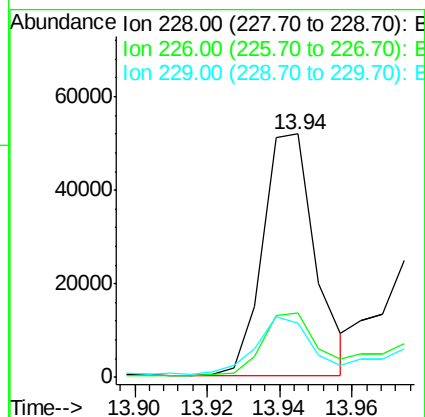
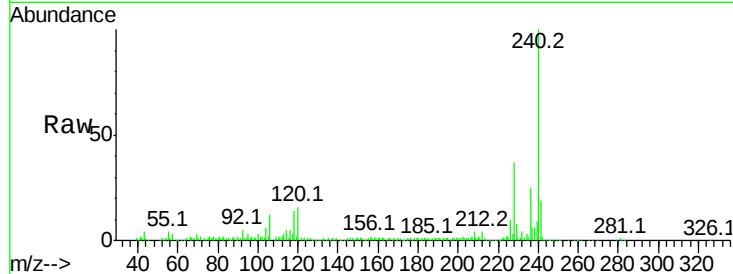
#80
Benzo(a)anthracene
Concen: 2.577 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Instrument :
BNA_F
ClientSampleId :
RT4651

Tot Ion:	228	Resp:	52305
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.6	33.8
229	22.5	15.8	23.6

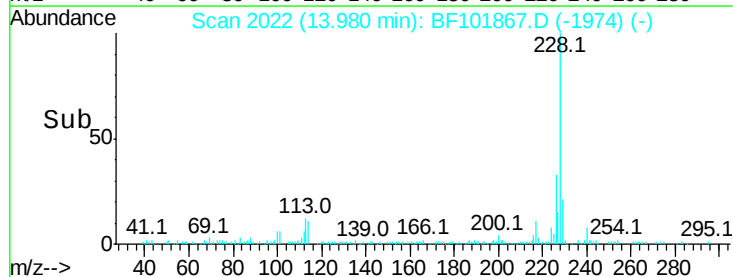
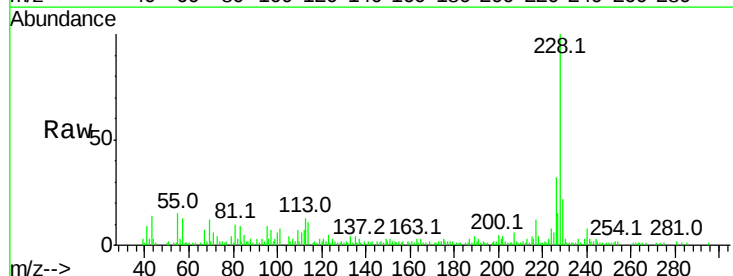
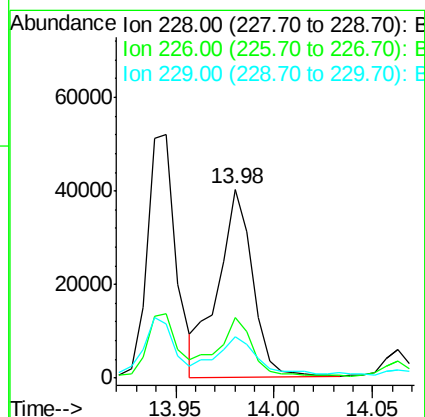
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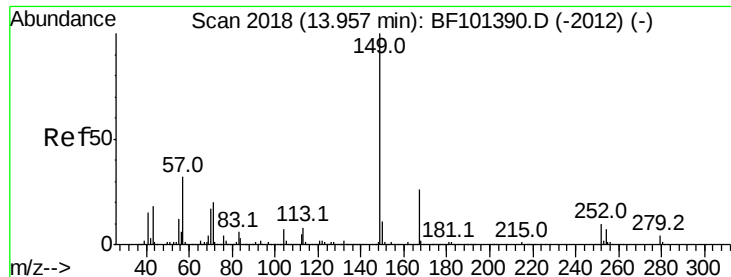
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#82
Chrysene
Concen: 2.599 ng m
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101867.D
Acq: 3 Jan 2018 18:31

Tgt Ion:	228	Resp:	49814
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.0	37.6
229	22.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.552 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Instrument :

BNA_F

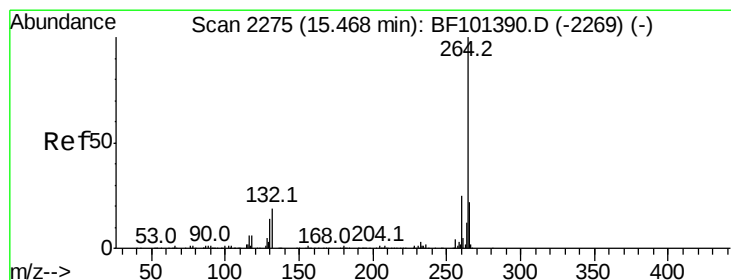
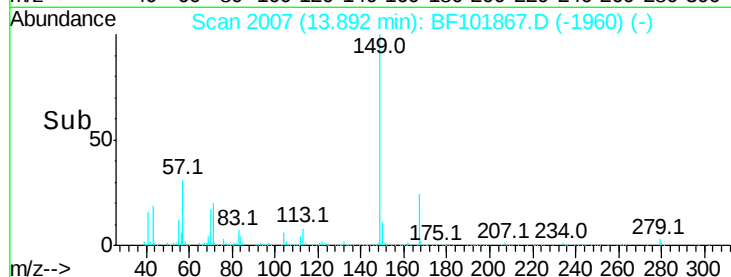
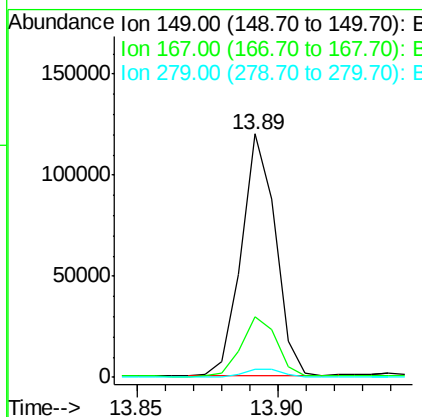
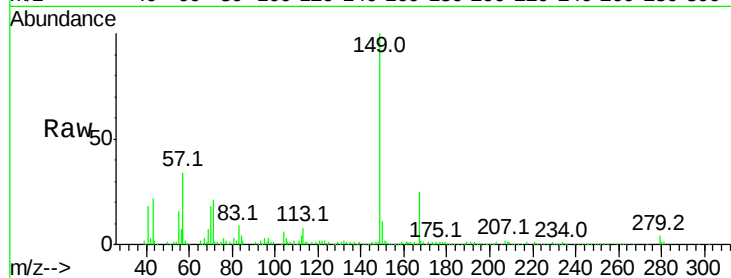
ClientSampleId :

RT4651

Tot Ion:	149	Resp:	99868
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.3	31.9
279	3.6	3.0	4.4

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#86

Perylene-d12

Concen: 20.000 ng

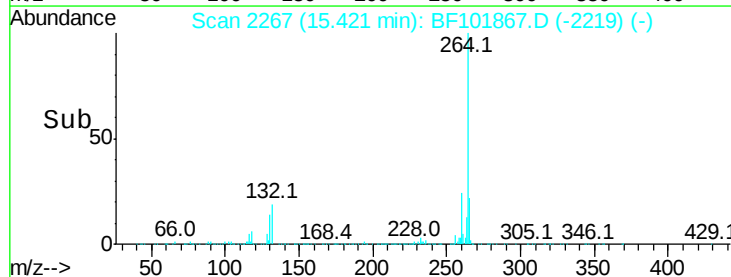
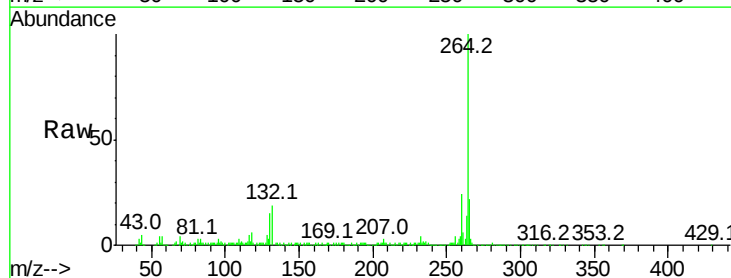
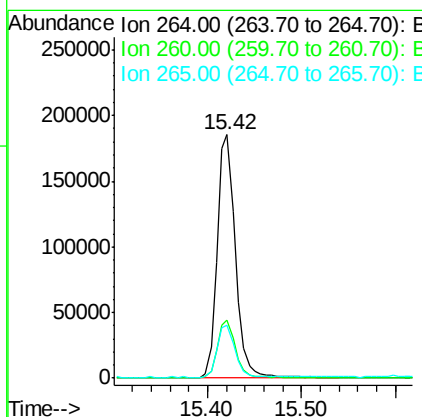
RT: 15.42 min Scan# 2267

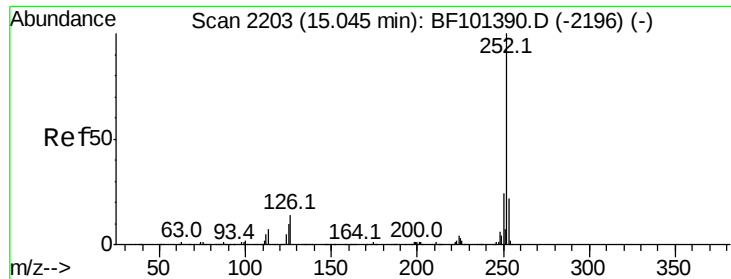
Delta R.T. -0.02 min

Lab File: BF101867.D

Acq: 3 Jan 2018 18:31

Tgt Ion:	264	Resp:	253261
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.802 ng m
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.02 min
 Lab File: BF101867.D
 Acq: 3 Jan 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 RT4651

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	16.8	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:32 PM

