

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103369.D
 Acq On : 2 Mar 2018 17:05
 Operator : SJ/JU
 Sample : J1719-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Sohil
 3/5/2018 3:13:14 PM

Quant Time: Mar 05 02:07:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139469	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	616645	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	273429	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	473724	20.00	ng	0.00
75) Chrysene-d12	14.06	240	332556	20.00	ng	-0.01
86) Perylene-d12	15.56	264	248281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1095808	118.83	ng	0.00
7) Phenol-d6	6.52	99	1323607	117.30	ng	0.00
23) Nitrobenzene-d5	7.44	82	921324	85.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	255562	110.42	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1133361	68.05	ng	0.00
78) Terphenyl-d14	12.99	244	987426	71.38	ng	0.00
Target Compounds						
10) Phenol	6.52	94	125799	9.603	ng	87
31) Naphthalene	8.18	128	113642	3.764	ng	100
49) Dimethylphthalate	9.62	163	125777	5.734	ng	100
70) Phenanthrene	11.43	178	67558	2.591	ng	98
74) Fluoranthene	12.63	202	115395	4.405	ng	99
77) Pyrene	12.86	202	115966	4.473	ng	98
80) Benzo(a)anthracene	14.05	228	52782m	2.446	ng	
82) Chrysene	14.09	228	58215	2.779	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	61161	3.687	ng	97
87) Benzo(b)fluoranthene	15.12	252	94636m	5.797	ng	
88) Benzo(k)fluoranthene	15.15	252	31593m	2.055	ng	
89) Benzo(a)pyrene	15.50	252	62582	4.293	ng	# 93
91) Benzo(a,h,i)perylene	17.56	276	68140	6.189	ng	95

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

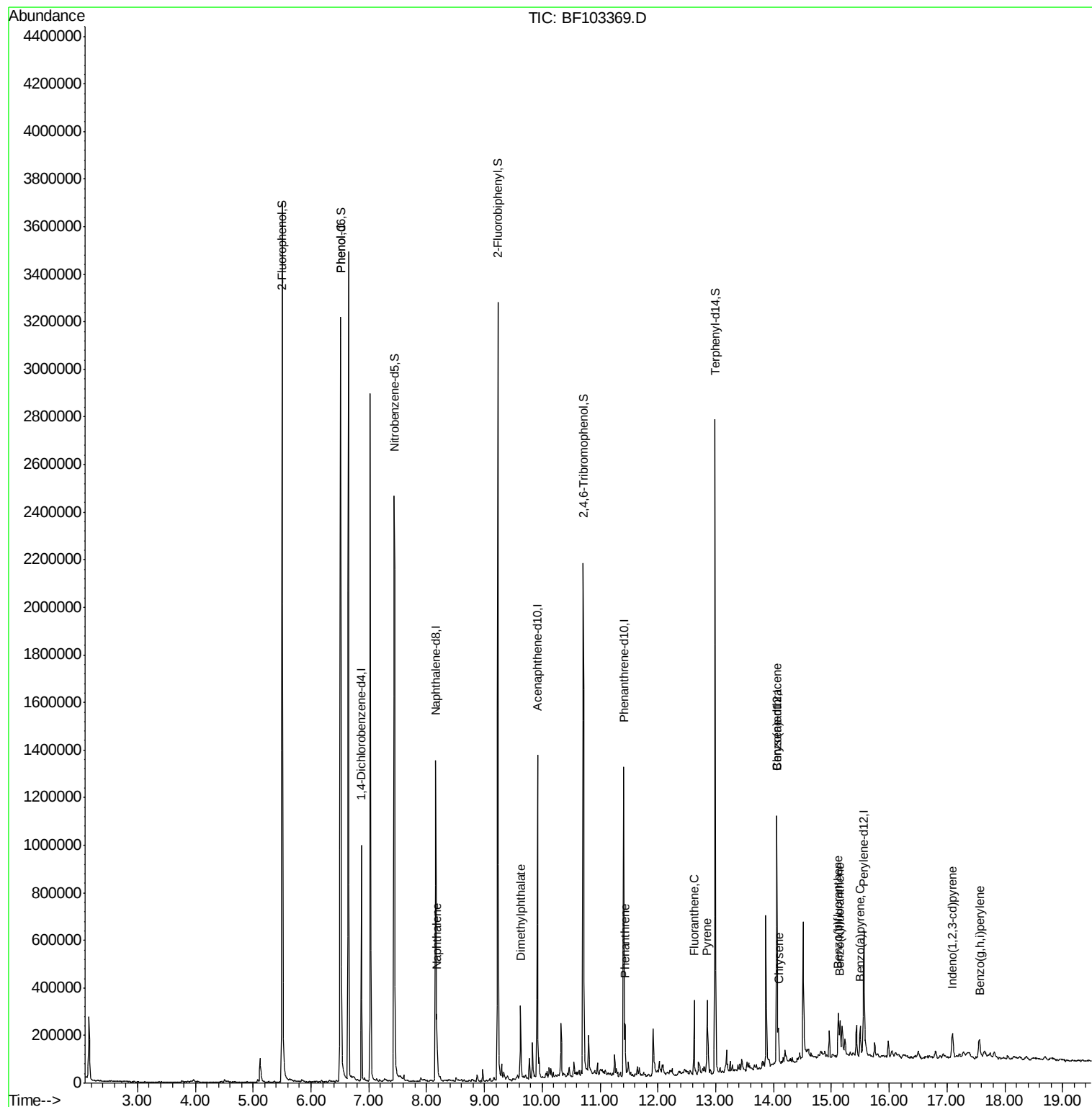
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
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ALS Vial : 5 Sample Multiplier: 1

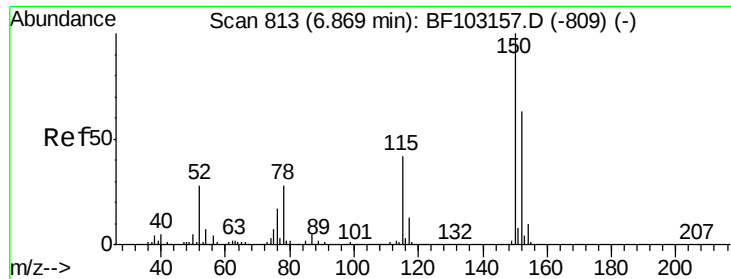
Instrument :
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TP-2

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#1

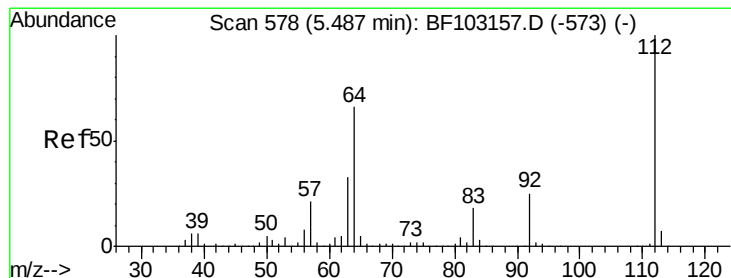
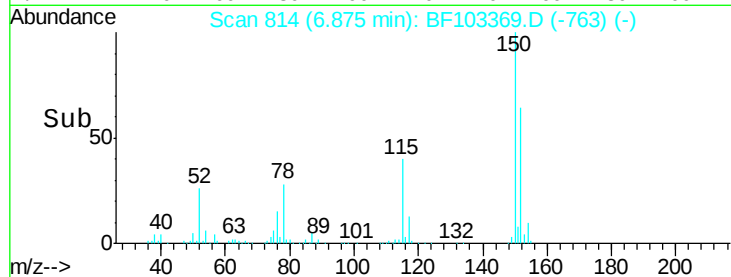
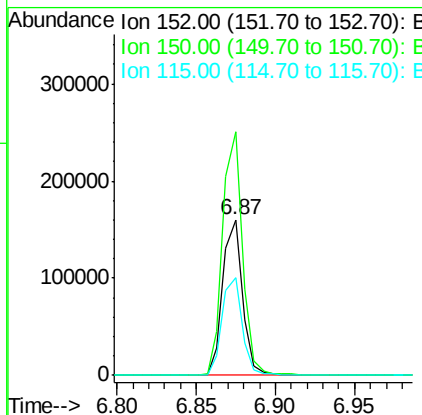
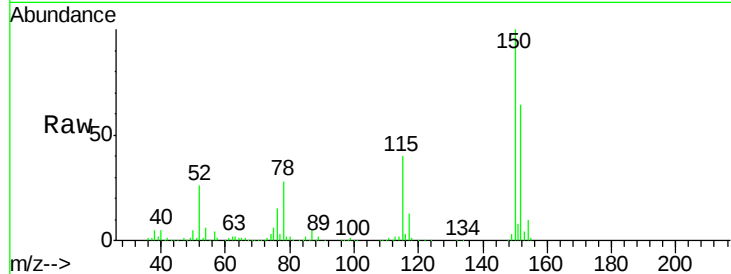
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.6	50.1	75.1

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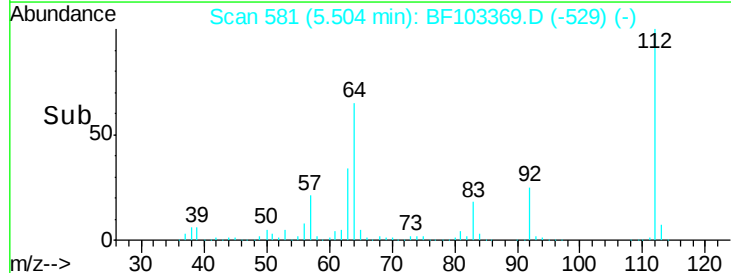
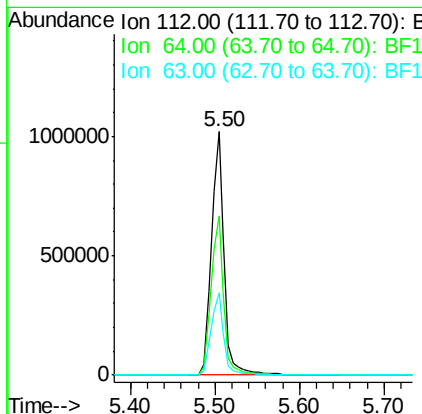
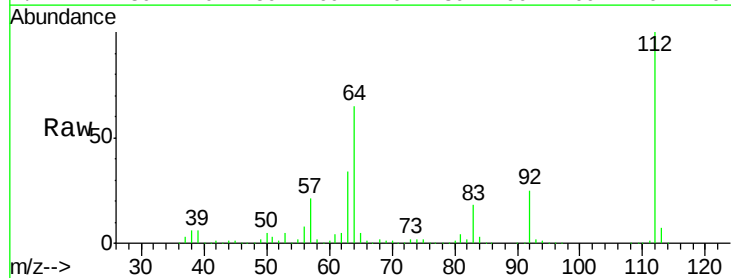
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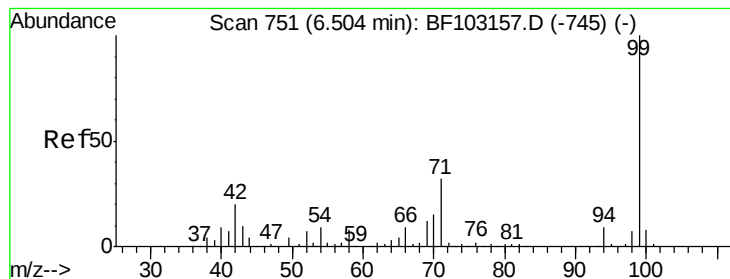


#5

2-Fluorophenol
Concen: 118.832 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 117.300 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Instrument :

BNA_F

ClientSampled :

TP-2

Tot Ion: 99 Resp: 1323607

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

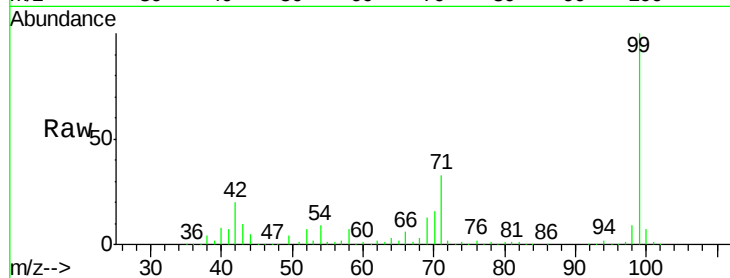
71 32.6 25.4 38.0

Manual Integrations

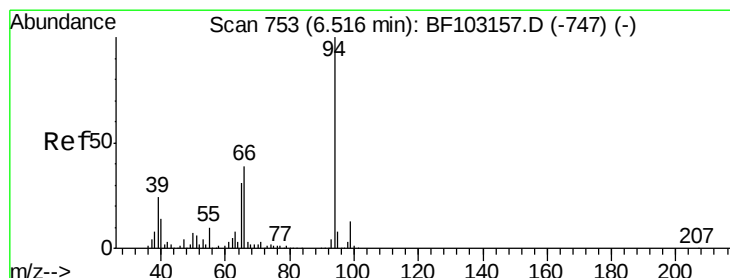
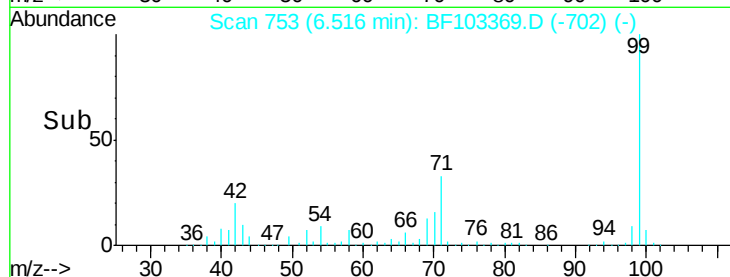
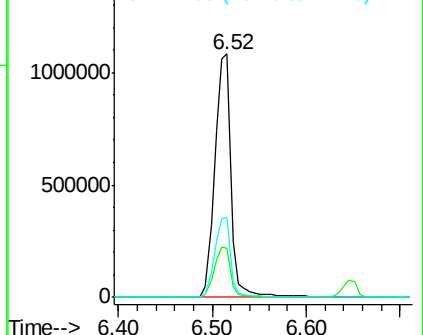
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.603 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

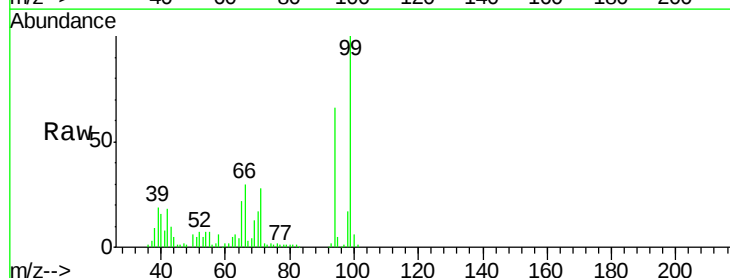
Tgt Ion: 94 Resp: 125799

Ion Ratio Lower Upper

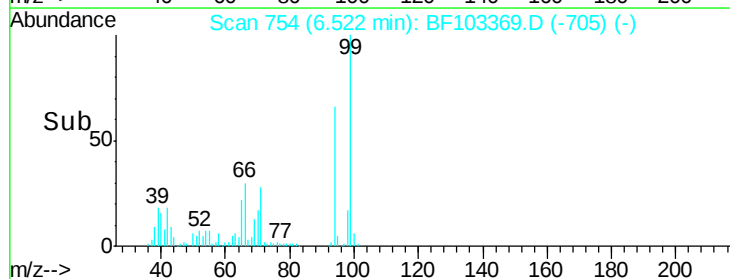
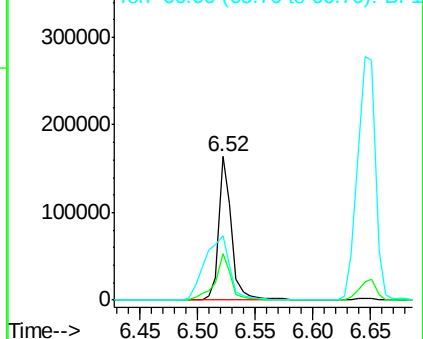
94 100

65 32.8 7.9 47.9

66 45.1 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





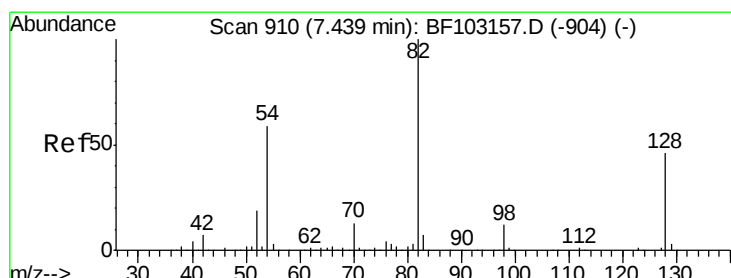
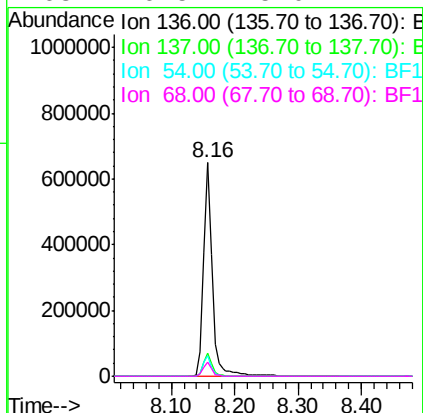
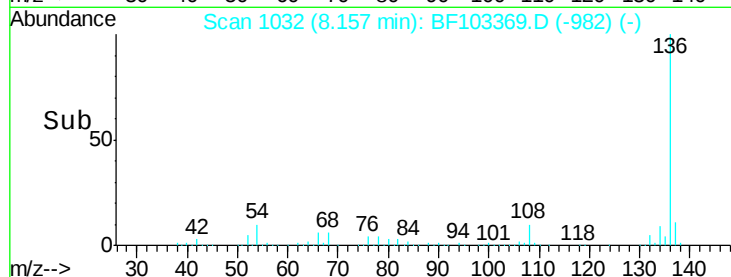
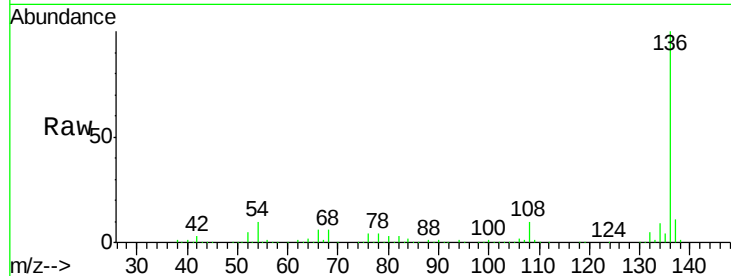
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		616645		
137	10.9		8.9	13.3	
54	9.6		6.6	9.8	
68	6.5		5.0	7.4	

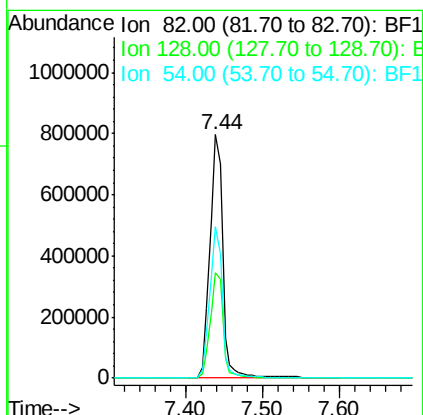
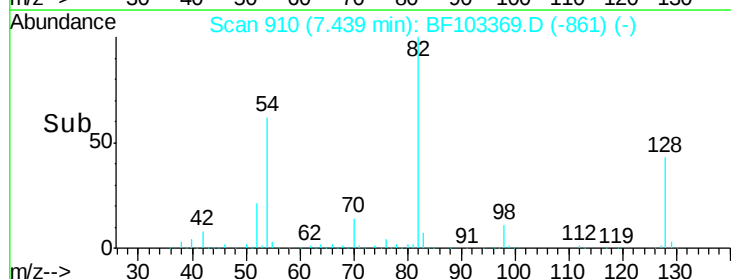
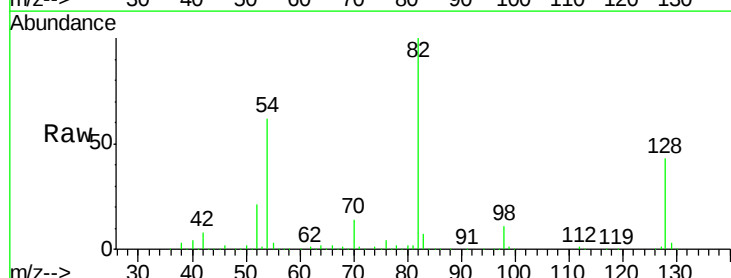
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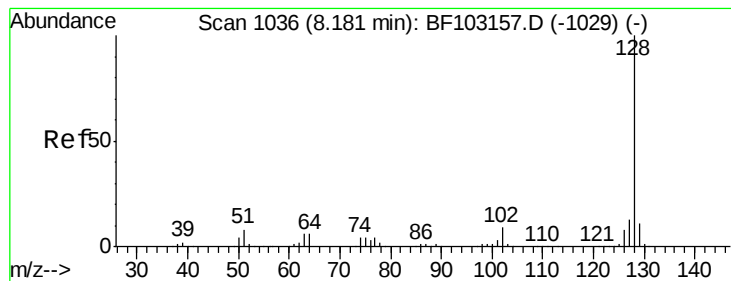
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#23
Nitrobenzene-d5
Concen: 85.325 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		921324		
128	43.1		36.1	54.1	
54	62.2		41.4	62.2#	





#31

Naphthalene

Concen: 3.764 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Instrument :

BNA_F

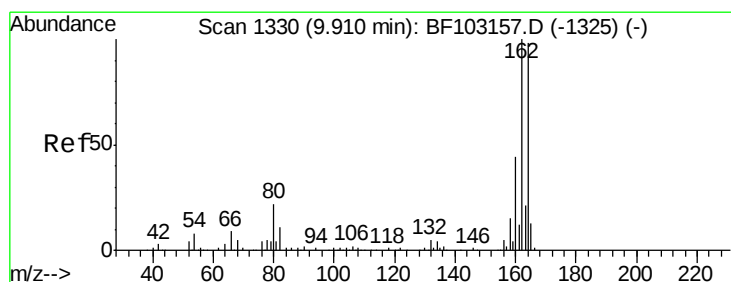
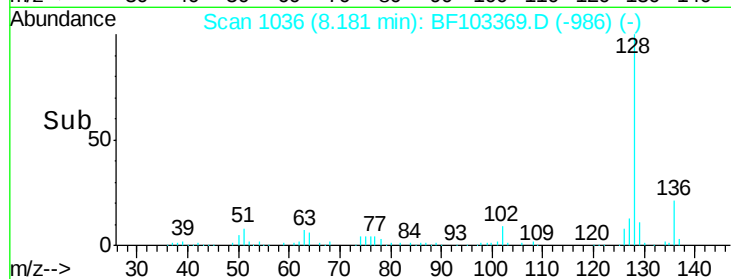
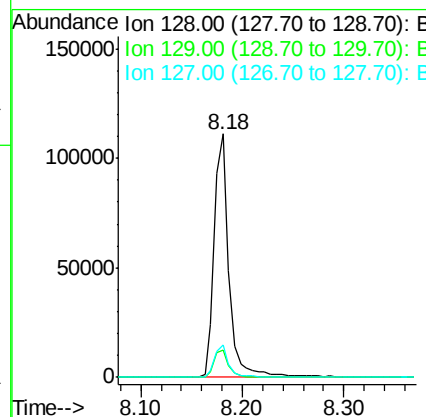
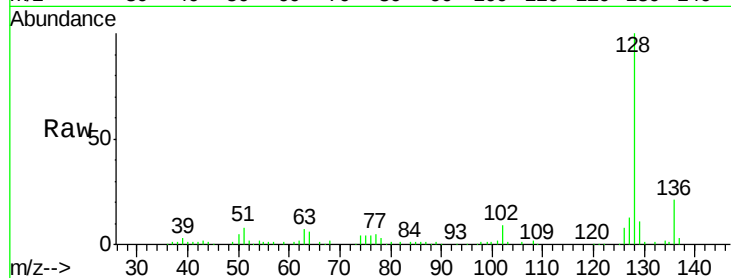
ClientSampled :

TP-2

Tot Ion:	128	Resp:	113642
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

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#38

Acenaphthene-d10

Concen: 20.000 ng

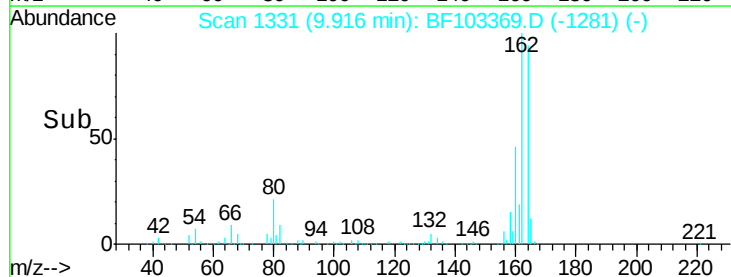
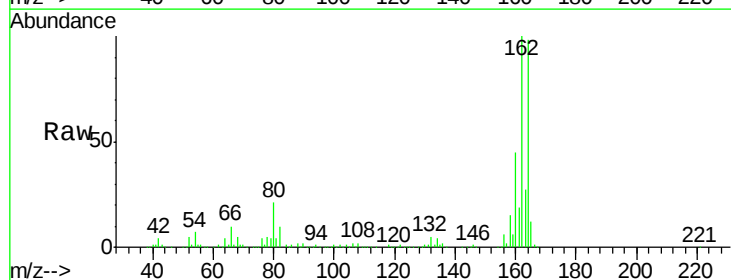
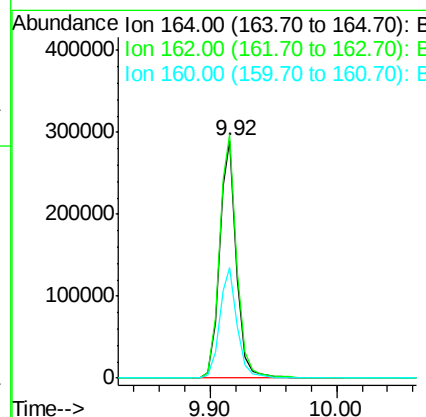
RT: 9.92 min Scan# 1331

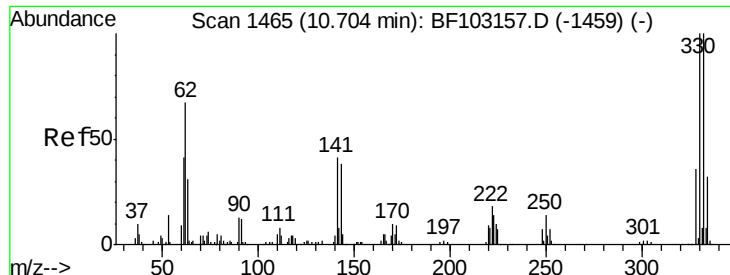
Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Tgt Ion:	164	Resp:	273429
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	46.5	38.3	57.5





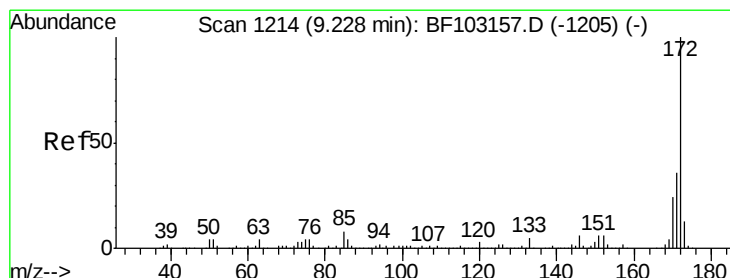
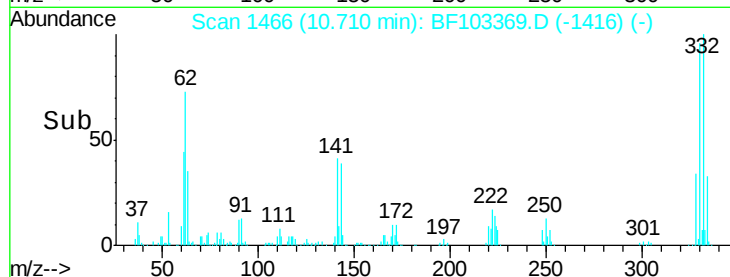
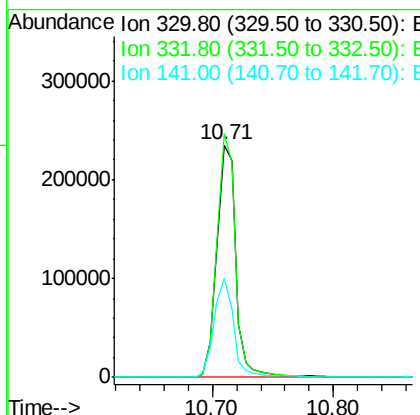
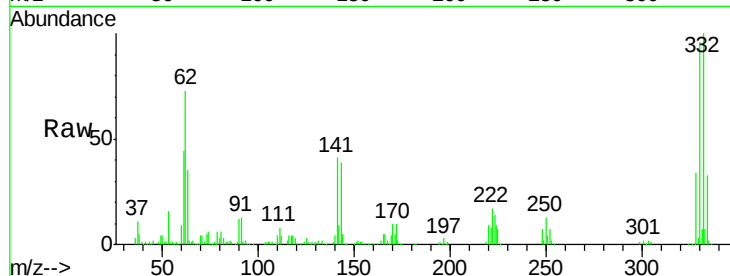
#41
 2,4,6-Tribromophenol
 Concen: 110.421 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103369.D
 Acq: 2 Mar 2018 17:05

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255562		
332	102.8	77.0	115.6	
141	44.2	29.9	44.9	

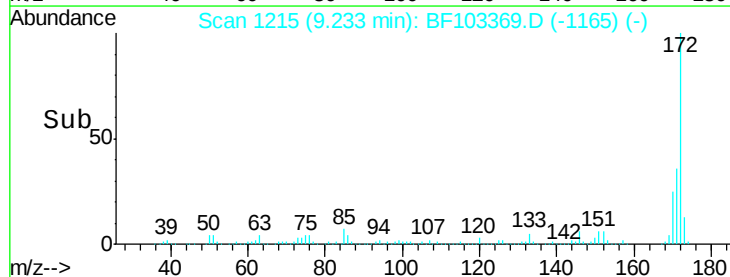
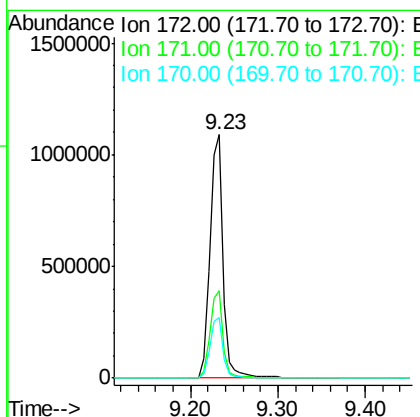
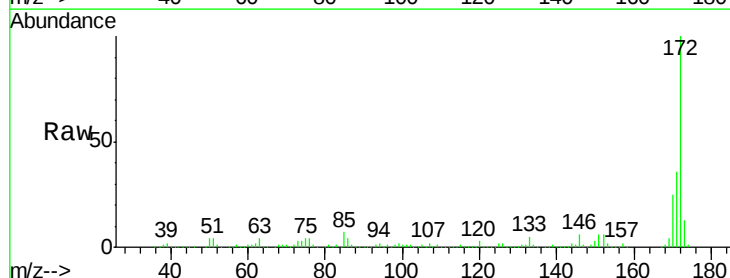
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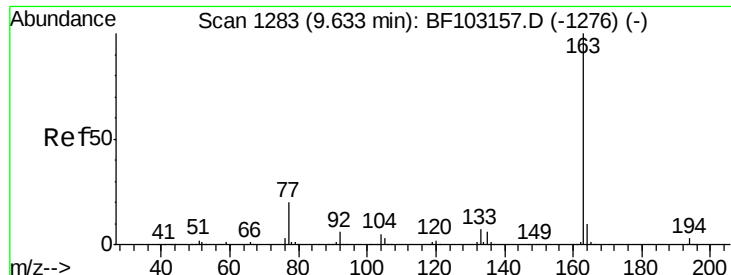
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#44
 2-Fluorobiphenyl
 Concen: 68.049 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103369.D
 Acq: 2 Mar 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1133361		
171	35.8	29.7	44.5	
170	24.9	19.6	29.4	





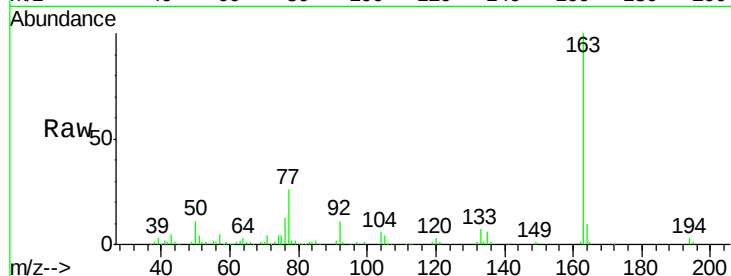
#49
Dimethylphthalate
Concen: 5.734 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Instrument :
BNA_F
ClientSampleId :
TP-2

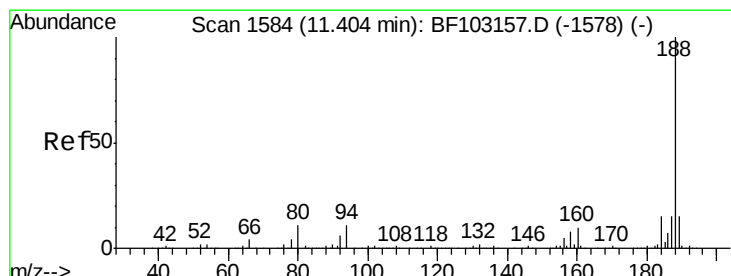
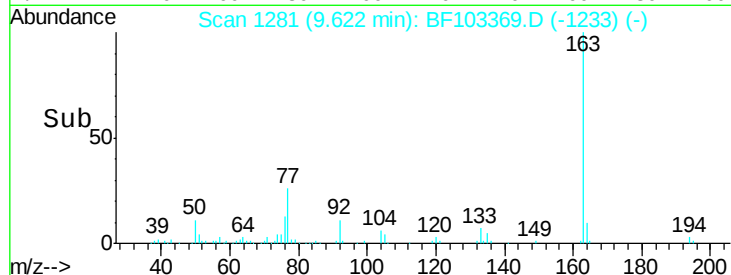
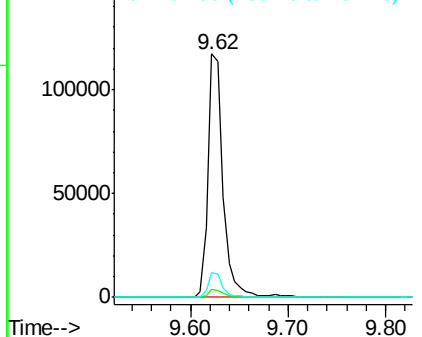
Tot Ion:	163	Resp:	125777
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
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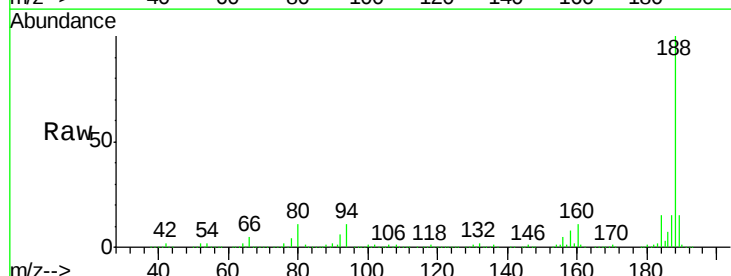


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

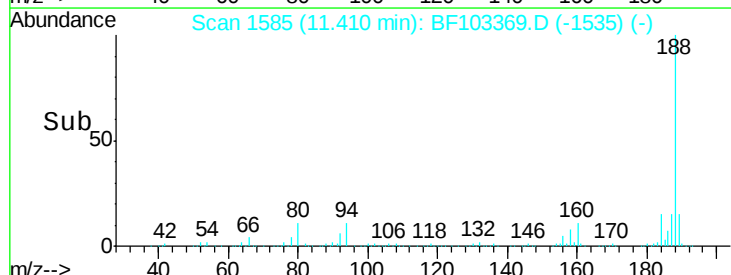
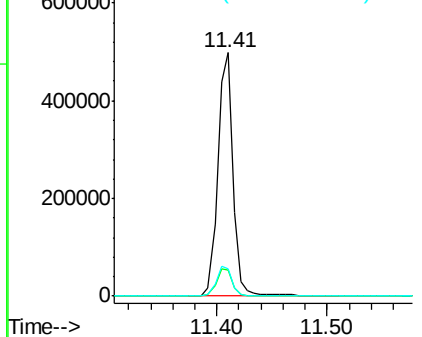


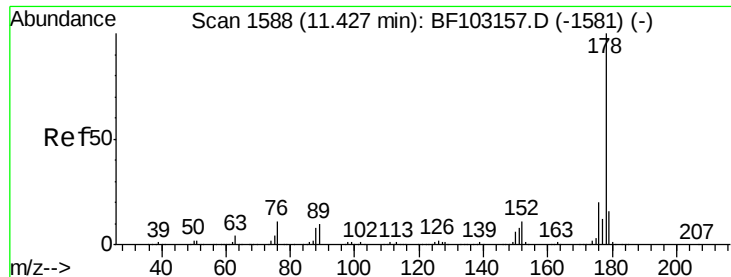
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Tgt Ion:	188	Resp:	473724
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.591 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Instrument :

BNA_F

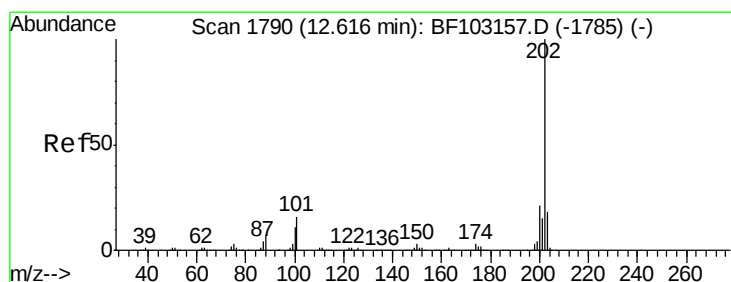
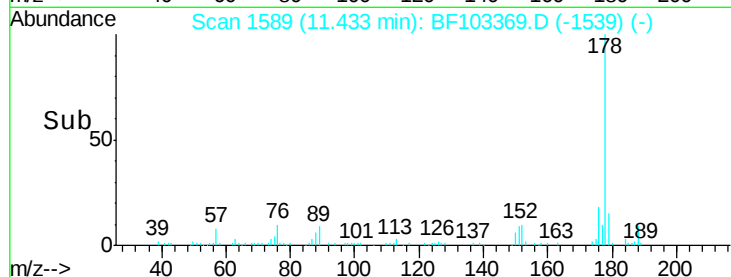
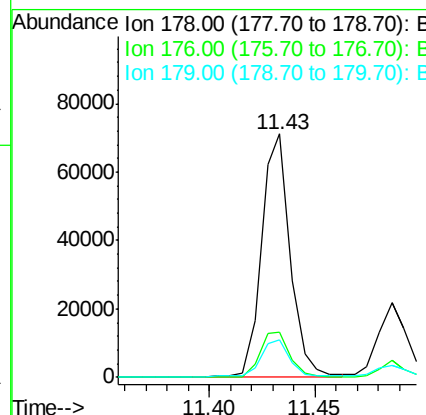
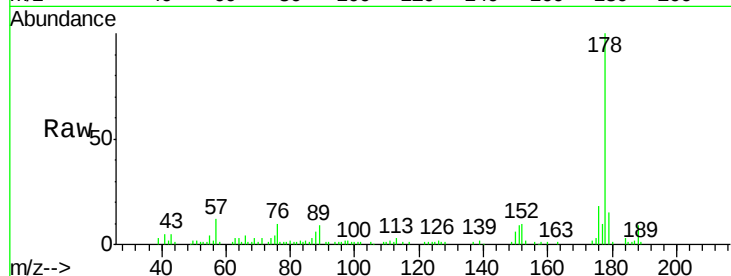
ClientSampleId :

TP-2

Tot Ion:	178	Resp:	67558
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.8	23.8
179	15.5	13.0	19.6

Manual Integrations
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#74

Fluoranthene

Concen: 4.405 ng

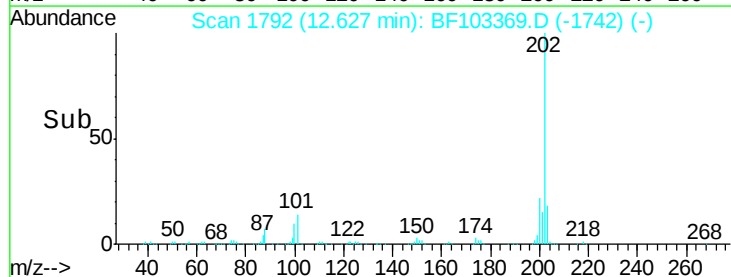
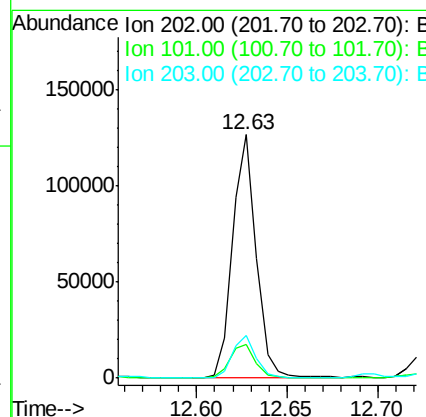
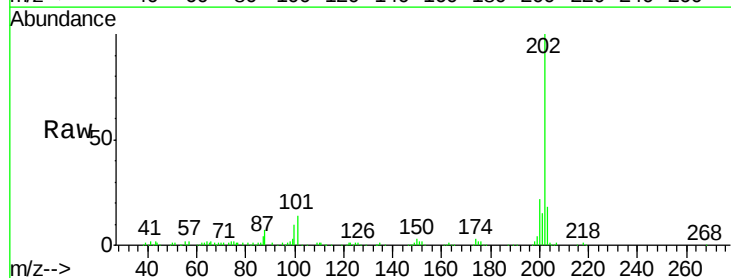
RT: 12.63 min Scan# 1792

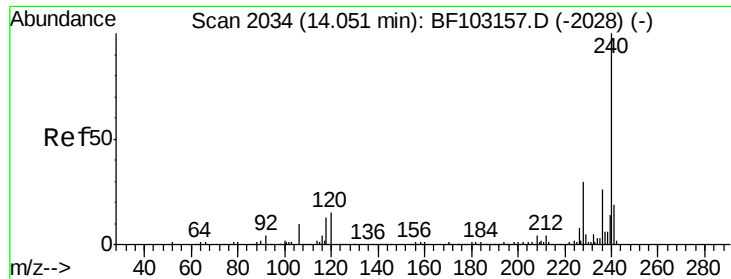
Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Tgt Ion:	202	Resp:	115395
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Instrument :

BNA_F

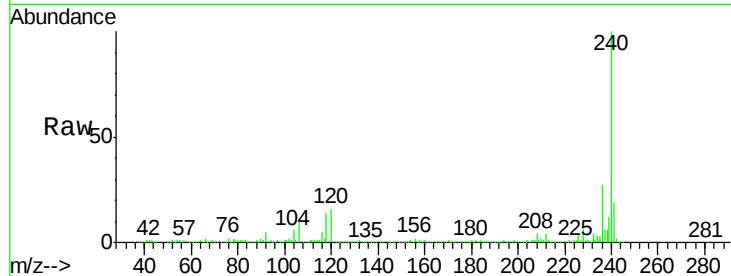
ClientSampled :

TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3
236	26.8	20.7	31.1

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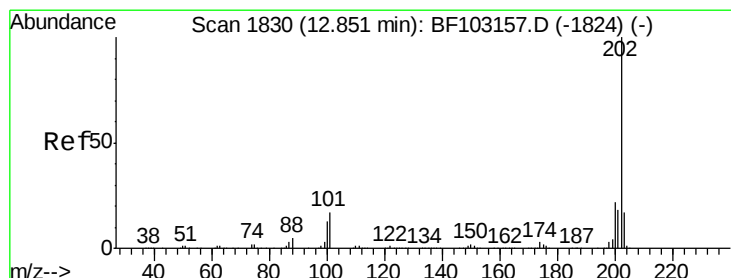
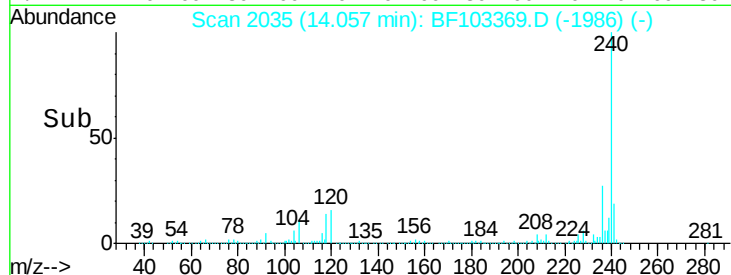
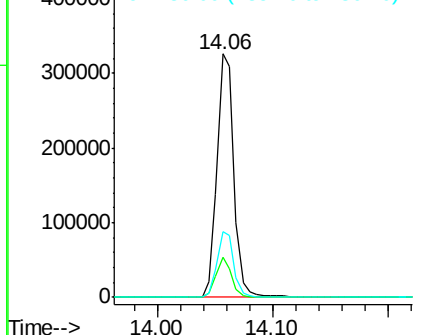
Sohil
3/5/2018 3:13:14 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.473 ng

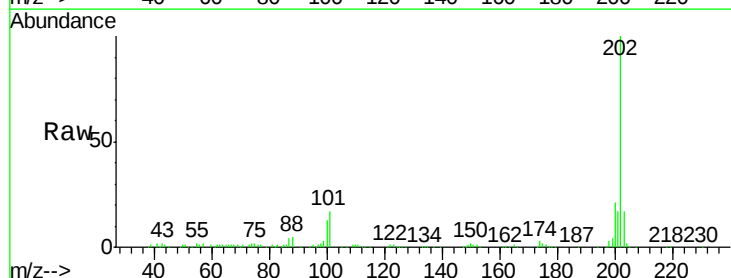
RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

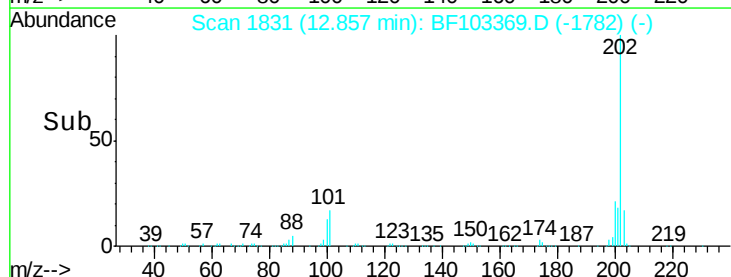
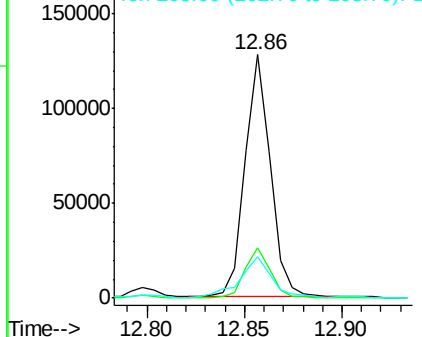
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.0	14.3	21.5

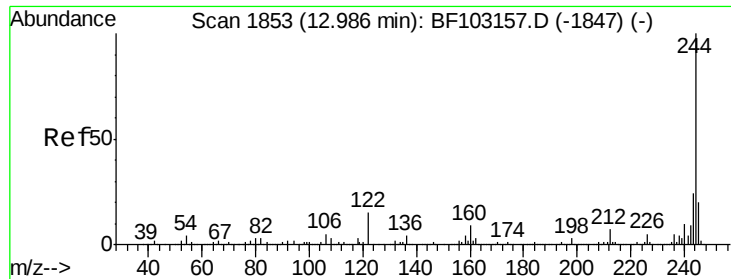


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





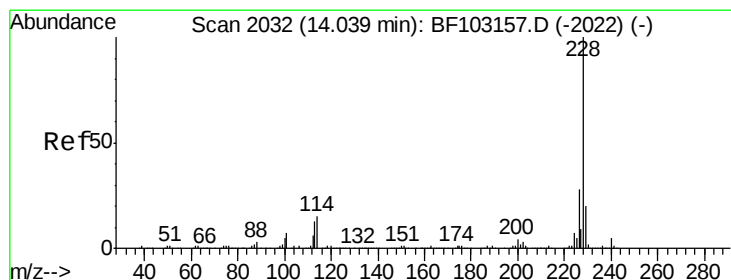
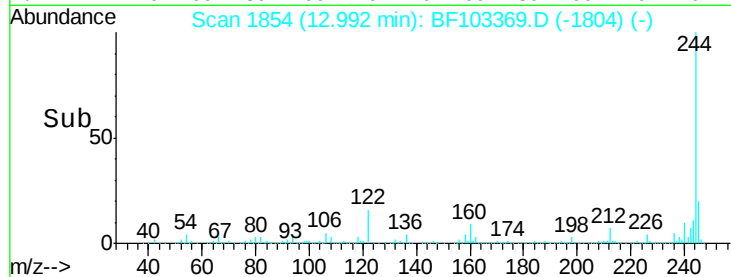
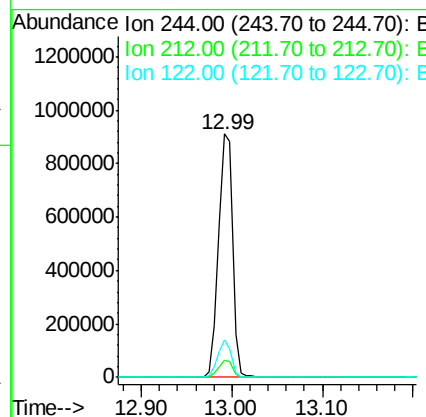
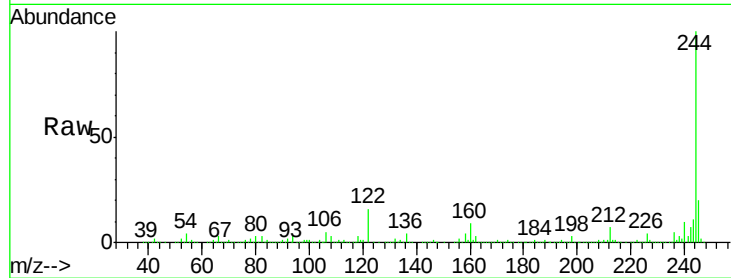
#78
 Terphenyl-d14
 Concen: 71.376 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103369.D
 Acq: 2 Mar 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.6	11.0	16.4

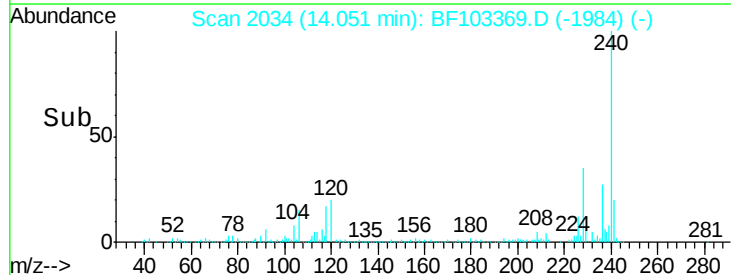
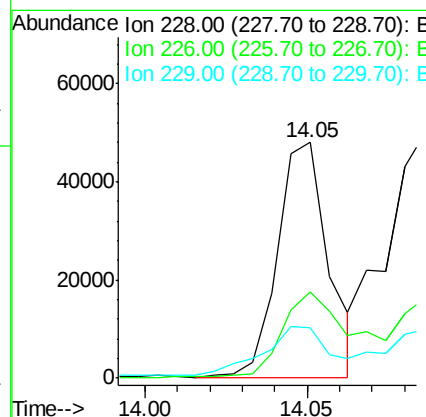
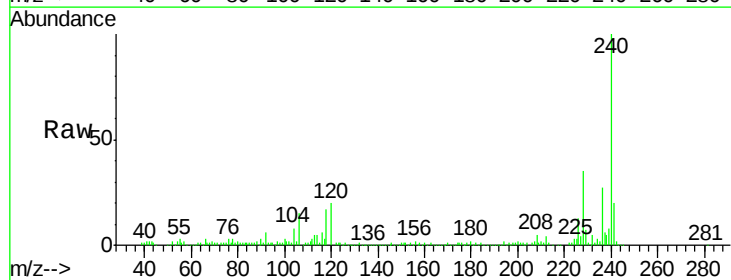
Manual Integrations
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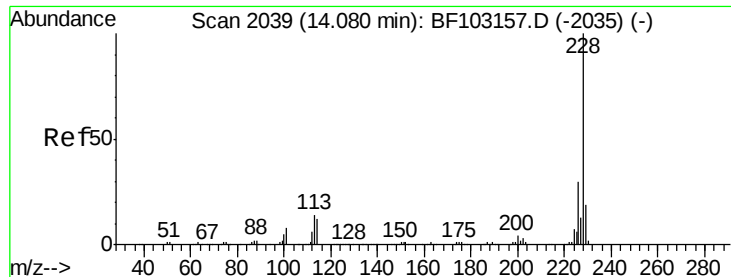
Sohil
 3/5/2018 3:13:14 PM



#80
 Benzo(a)anthracene
 Concen: 2.446 ng m
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103369.D
 Acq: 2 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.6	33.8#
229	21.5	15.8	23.6





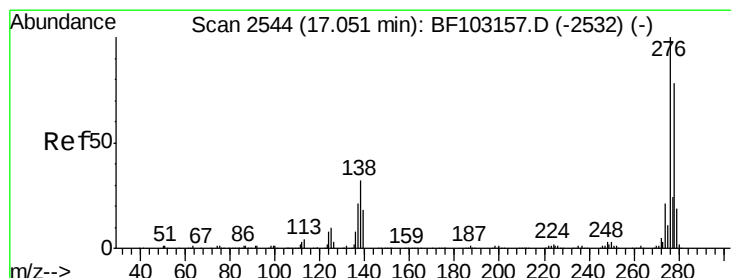
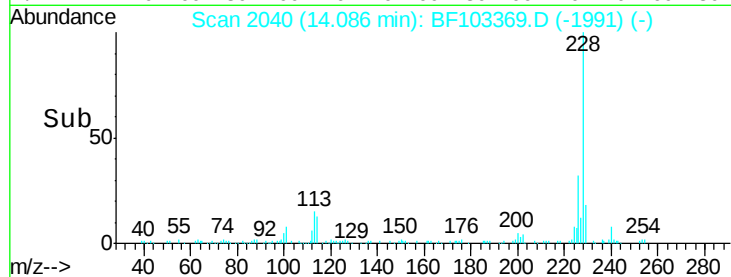
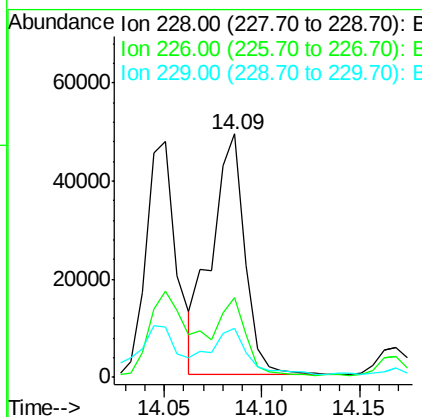
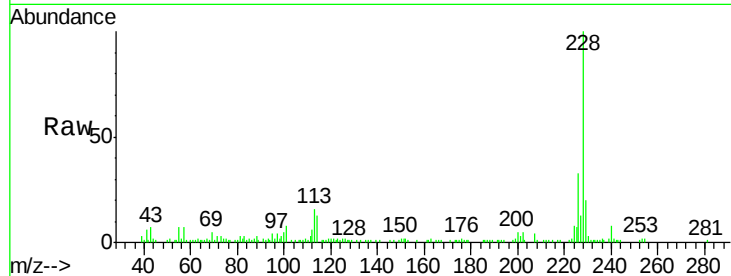
#82
Chrysene
Concen: 2.779 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:228	Resp:	58215
Ion Ratio	Lower	Upper
228 100		
226 32.6	25.0	37.6
229 19.9	16.2	24.4

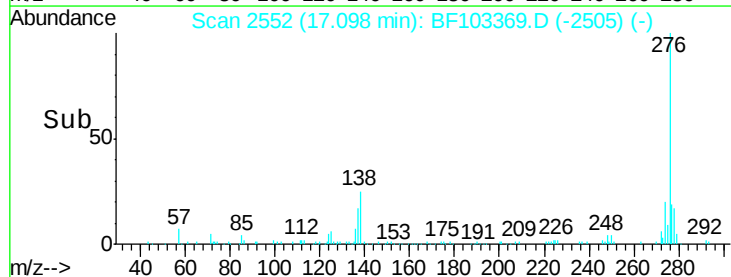
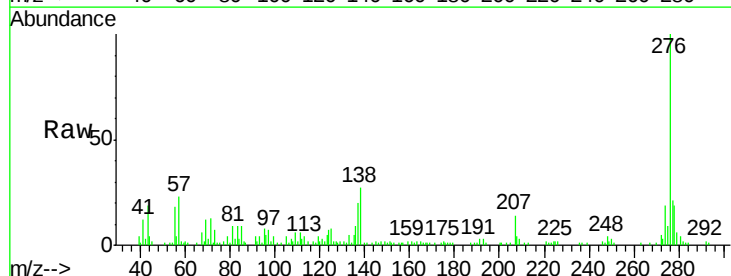
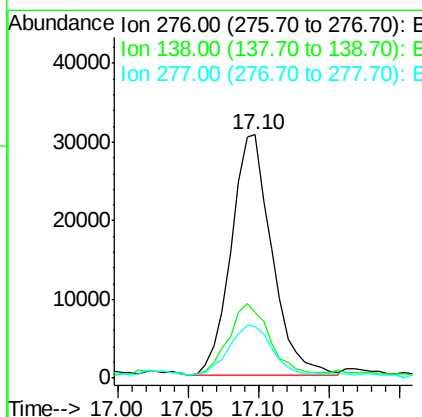
Manual Integrations
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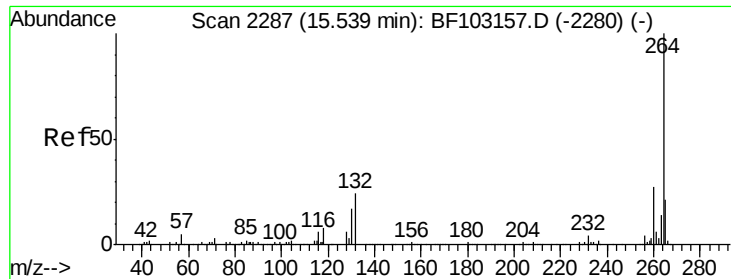
Sohil
3/5/2018 3:13:14 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.687 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Tgt Ion:276	Resp:	61161
Ion Ratio	Lower	Upper
276 100		
138 30.3	25.0	37.6
277 22.5	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Instrument :

BNA_F

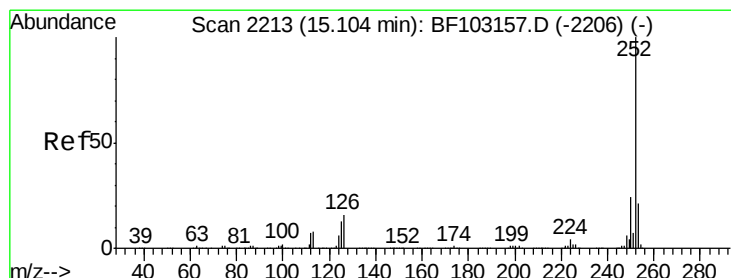
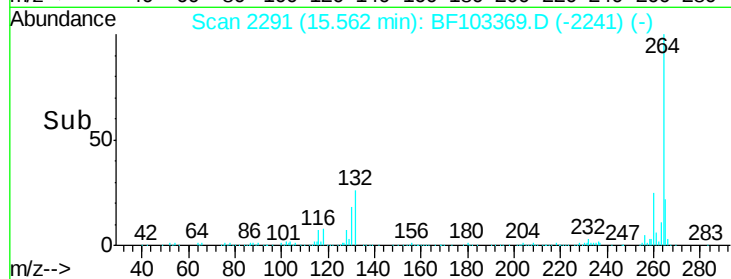
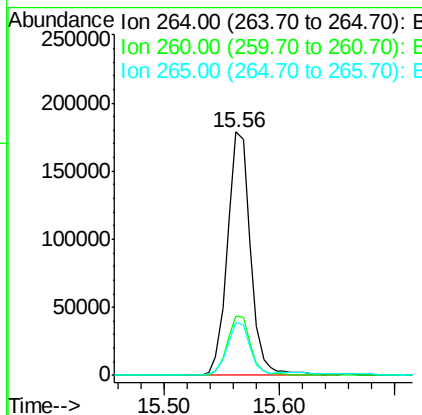
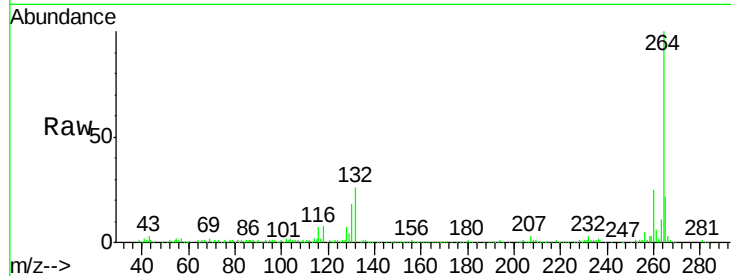
ClientSampleId :

TP-2

Tot Ion:	264	Resp:	248281
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 5.797 ng m

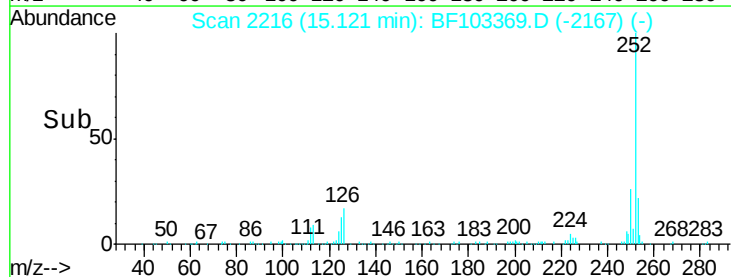
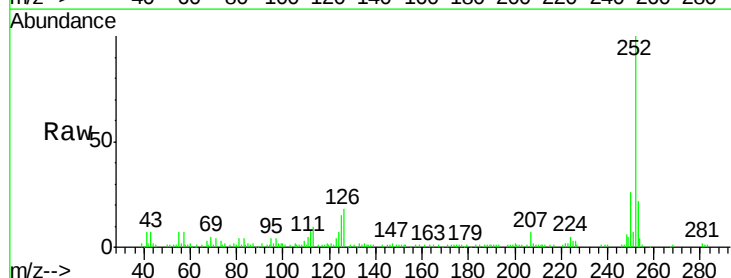
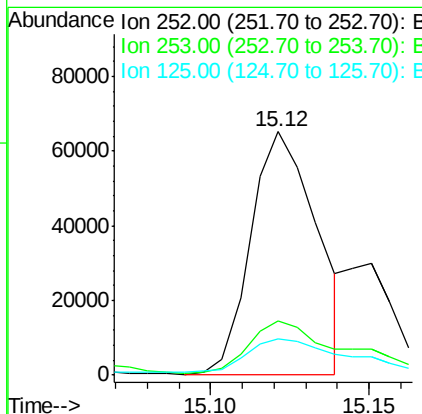
RT: 15.12 min Scan# 2216

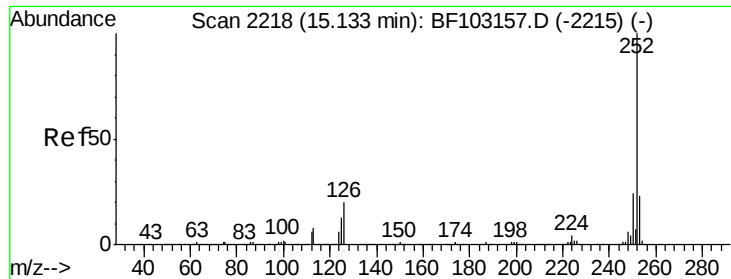
Delta R.T. -0.01 min

Lab File: BF103369.D

Acq: 2 Mar 2018 17:05

Tgt Ion:	252	Resp:	94636
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	14.8	9.0	13.6#





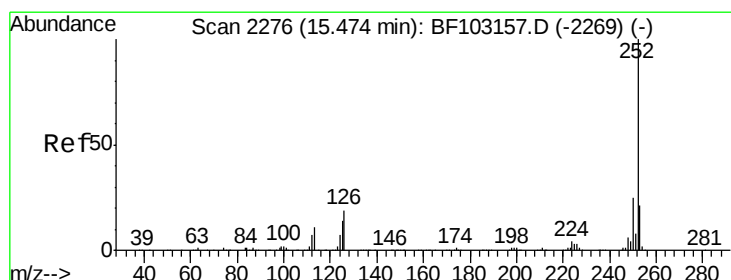
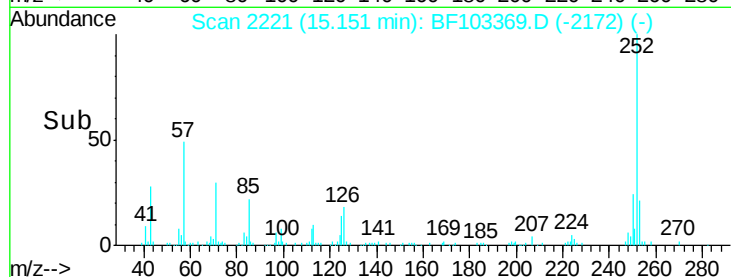
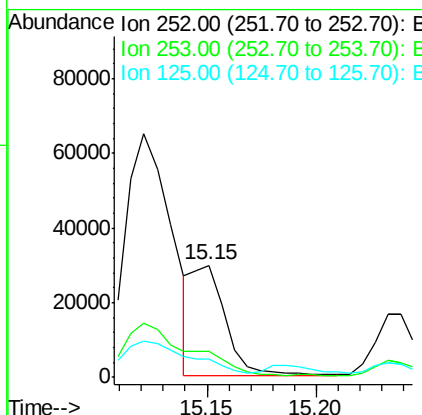
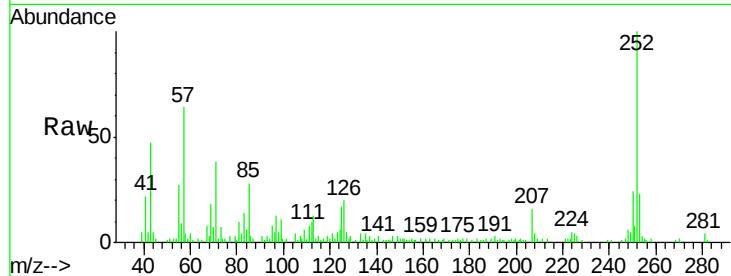
#88
Benzo(k)fluoranthene
Concen: 2.055 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	16.9	10.2	15.2

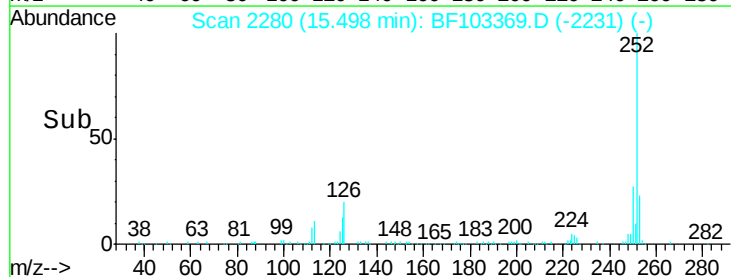
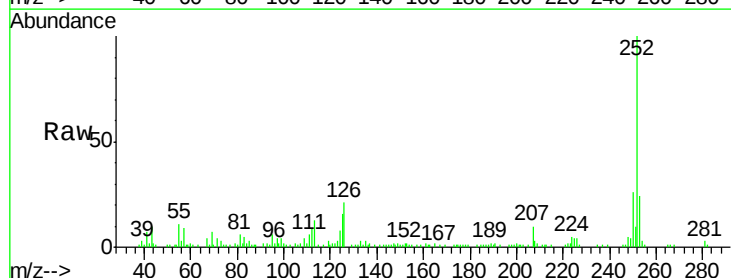
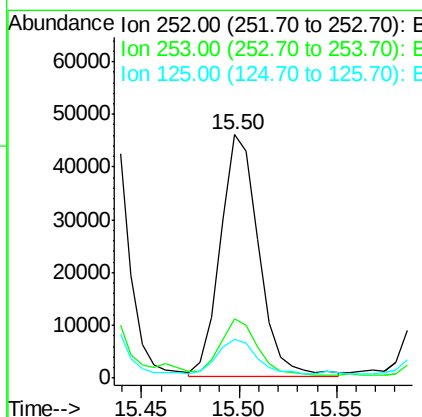
Manual Integrations
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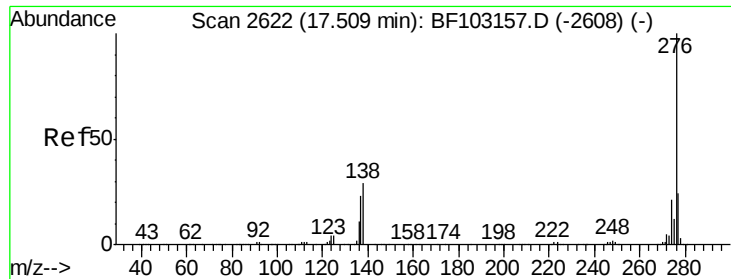
Sohil
3/5/2018 3:13:14 PM



#89
Benzo(a)pyrene
Concen: 4.293 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103369.D
Acq: 2 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	16.2	9.8	14.6





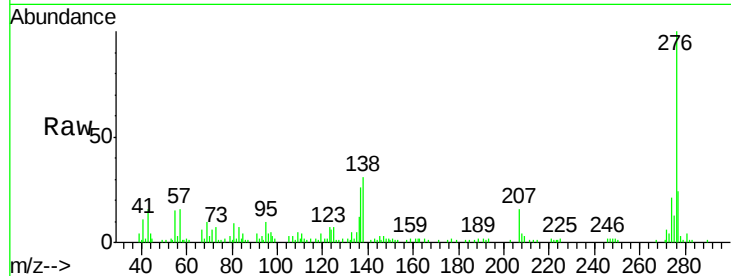
#91
 Benzo(a,h,i)perylene
 Concen: 6.189 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. -0.02 min
 Lab File: BF103369.D
 Acq: 2 Mar 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	30.6	21.8	32.8

Manual Integrations
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 3/5/2018 3:13:14 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

