

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103226.D
 Acq On : 26 Feb 2018 19:19
 Operator : SJ/JU
 Sample : J1691-09 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:22:57 PM

Quant Time: Feb 27 00:39:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174744	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	730673	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	317301	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	494177	20.00	ng	0.00
75) Chrysene-d12	14.04	240	309361	20.00	ng	0.00
86) Perylene-d12	15.54	264	308828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	610304	52.82	ng	0.00
7) Phenol-d6	6.50	99	715069	50.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	450425	35.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	126206	46.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	740550	34.22	ng	0.00
78) Terphenyl-d14	12.98	244	497185	38.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	52922	2.079	ng	Qvalue # 99
74) Fluoranthene	12.62	202	116246	4.254	ng	98
77) Pyrene	12.84	202	108906	4.515	ng	97
80) Benzo(a)anthracene	14.03	228	63288	3.153	ng	95
82) Chrysene	14.07	228	57036	2.926	ng	96
85) Indeno(1,2,3-cd)pyrene	17.05	276	33851	2.194	ng	97
87) Benzo(b)fluoranthene	15.10	252	89423m	4.404	ng	
89) Benzo(a)pyrene	15.47	252	56945	3.140	ng	# 87
91) Benzo(g,h,i)perylene	17.51	276	35849	2.618	ng	# 91

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

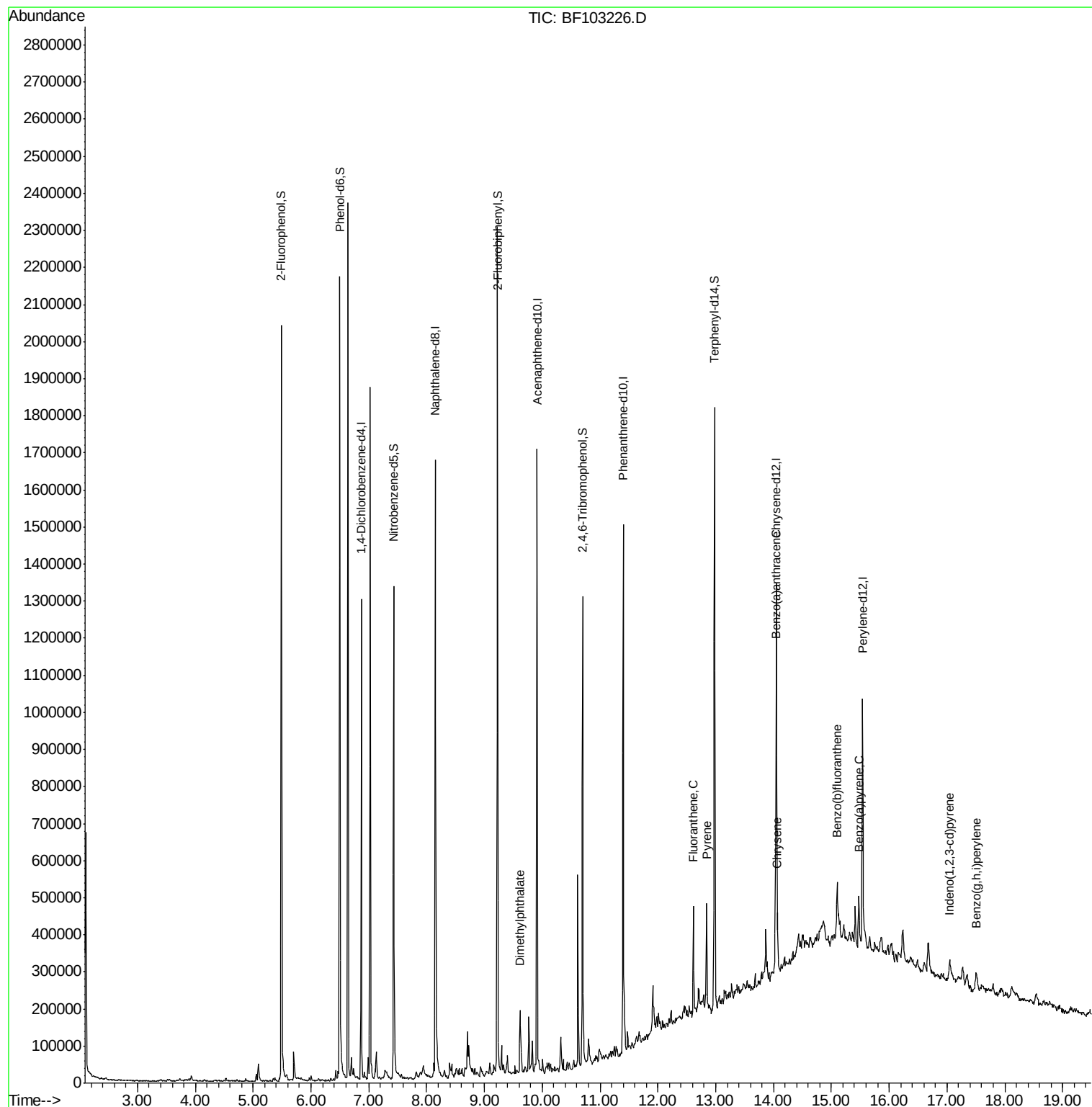
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
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Acq On : 26 Feb 2018 19:19
Operator : SJ/JU
Sample : J1691-09 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

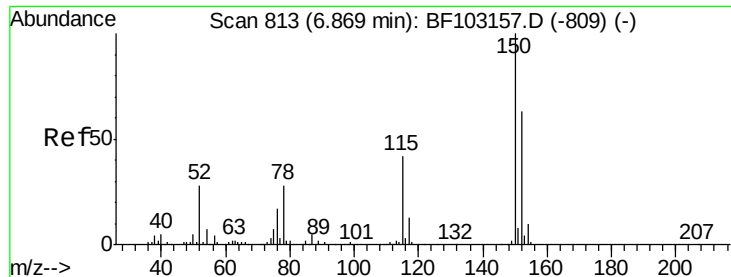
Instrument :
BNA_F
ClientSampleId :
B3

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#1

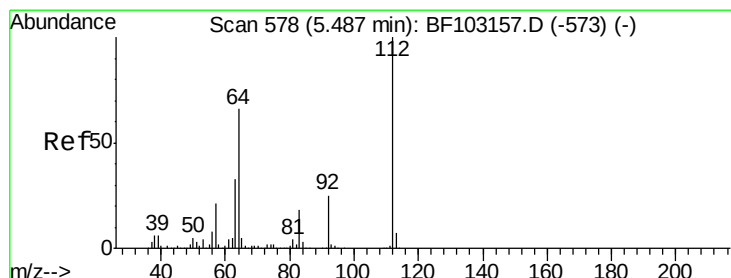
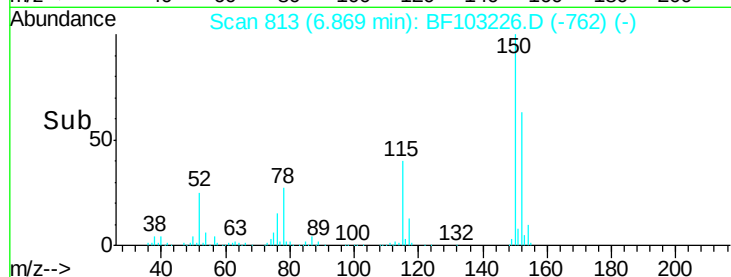
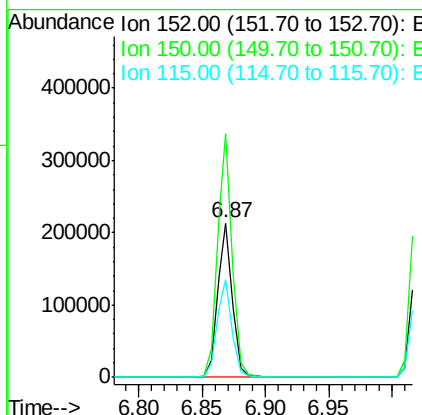
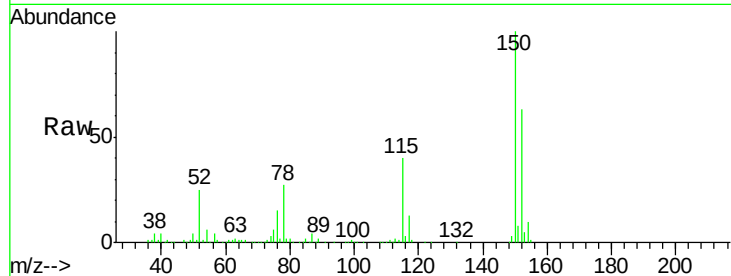
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.0	50.1	75.1

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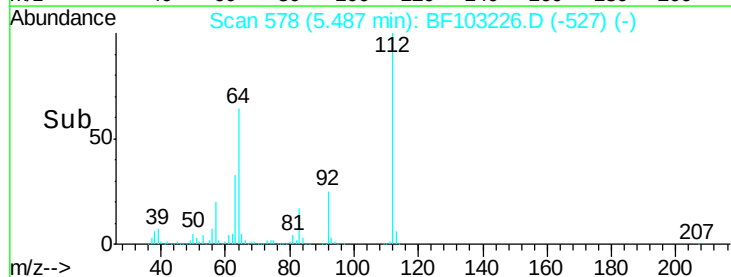
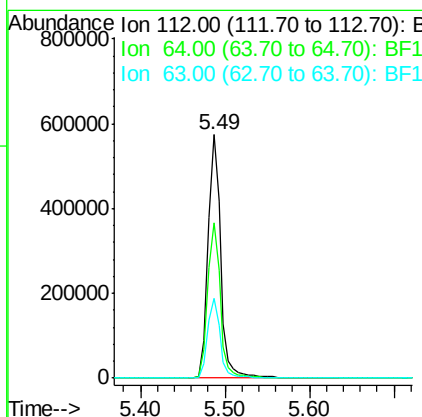
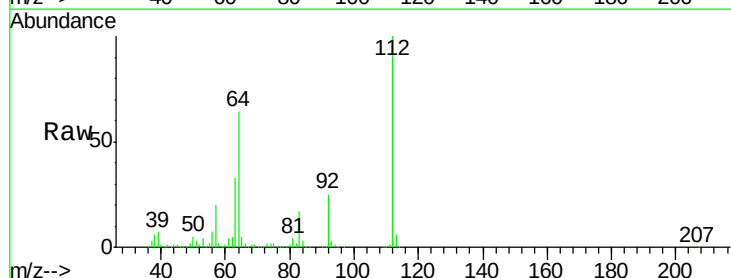
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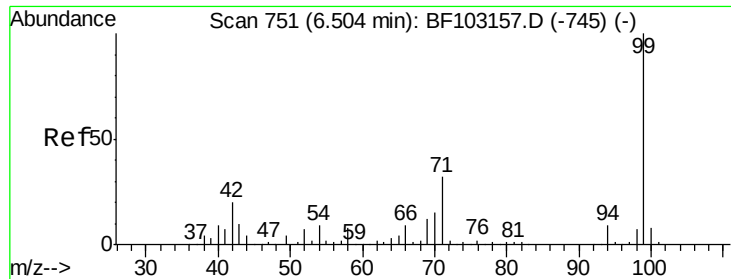


#5

2-Fluorophenol
Concen: 52.822 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 50.578 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Instrument :

BNA_F

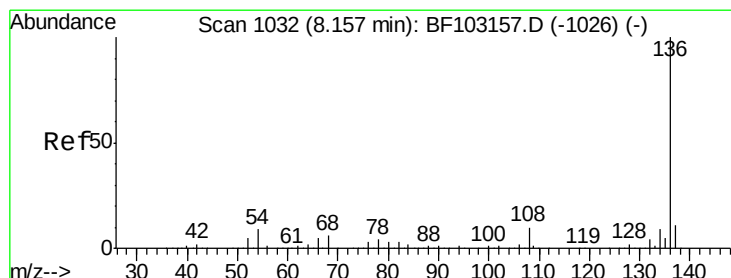
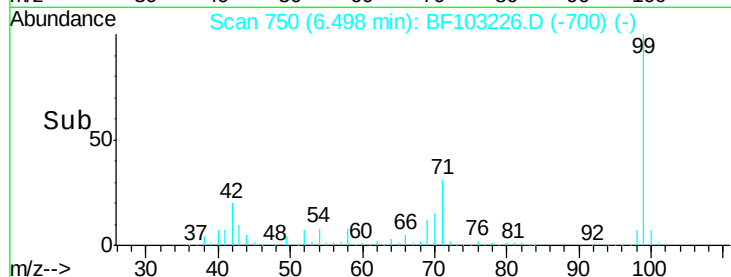
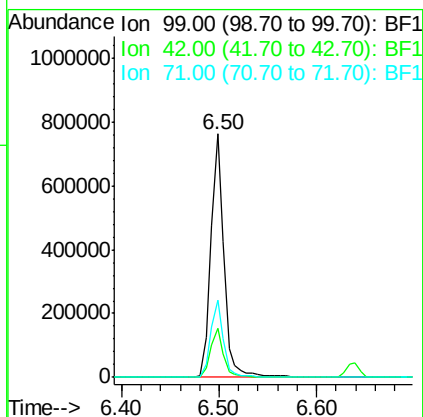
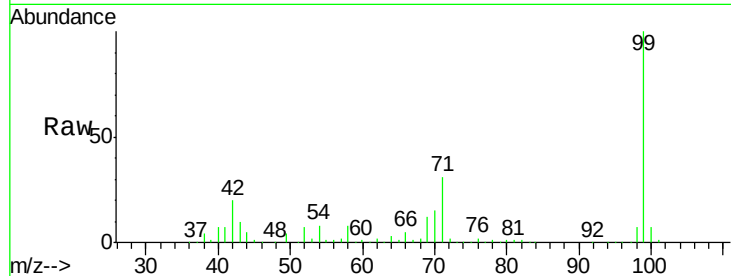
ClientSampled :

B3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		715069		
42	20.3	14.5	21.7		
71	31.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

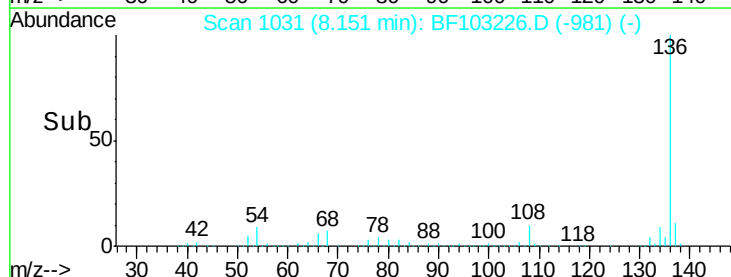
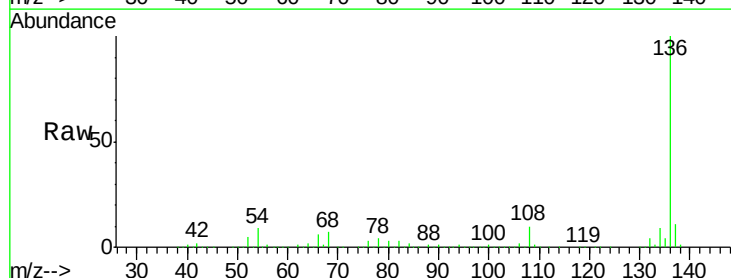
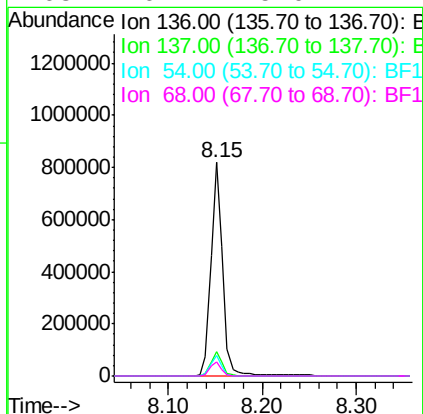
RT: 8.15 min Scan# 1031

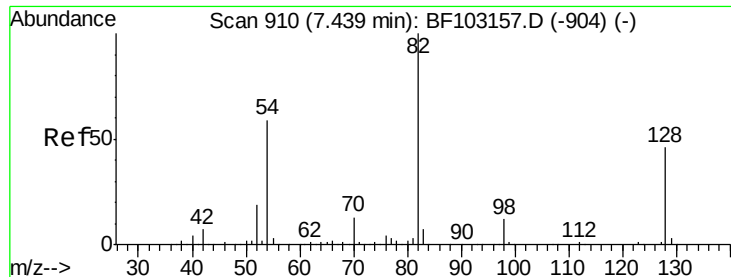
Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		730673		
137	11.1	8.9	13.3		
54	9.5	6.6	9.8		
68	6.7	5.0	7.4		





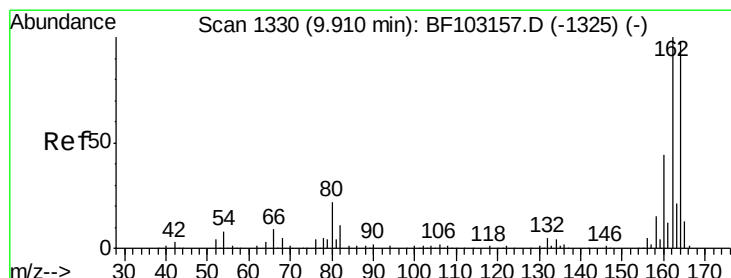
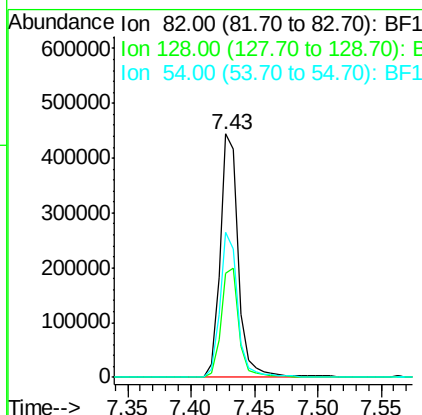
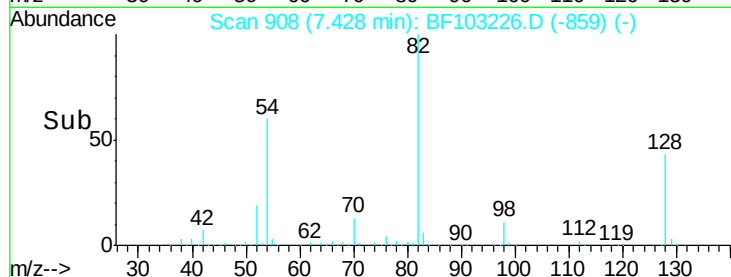
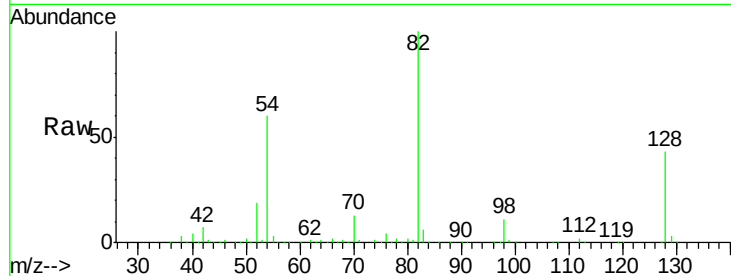
#23
 Nitrobenzene-d5
 Concen: 35.205 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Instrument :
 BNA_F
 ClientSampled :
 B3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	450425		
128	42.9	36.1	54.1	
54	59.5	41.4	62.2	

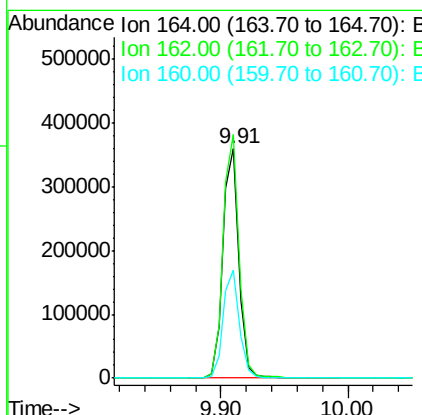
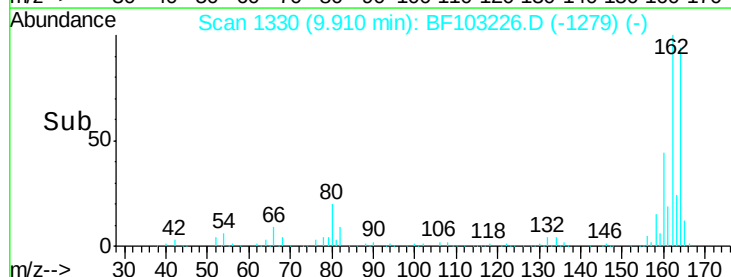
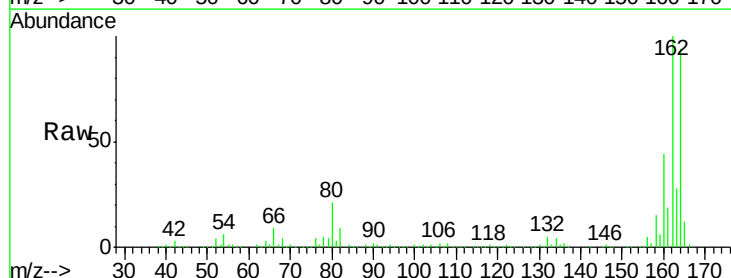
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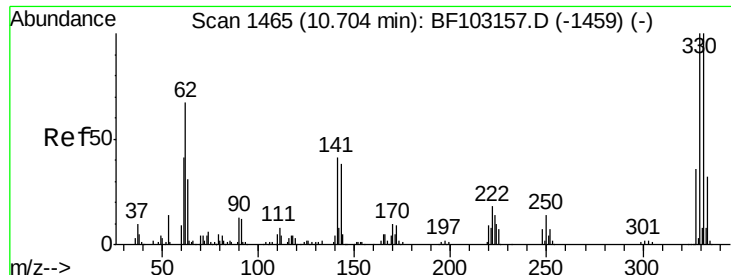
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	317301		
162	106.2	86.1	129.1	
160	46.9	38.3	57.5	





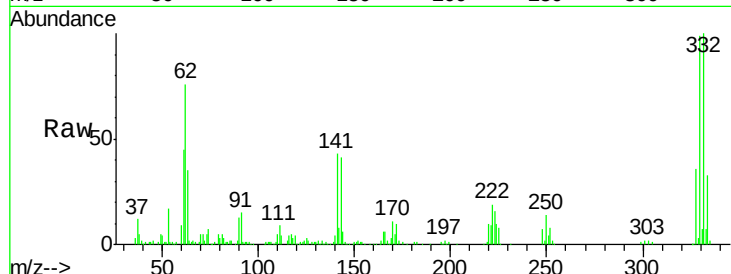
#41
 2,4,6-Tribromophenol
 Concen: 46.990 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Instrument :
 BNA_F
 ClientSampled :
 B3

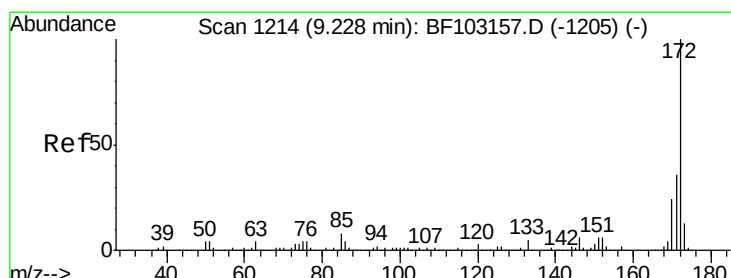
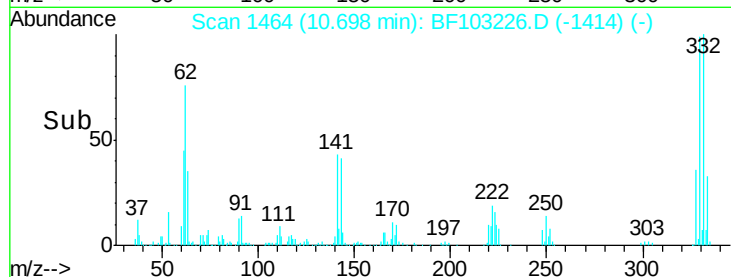
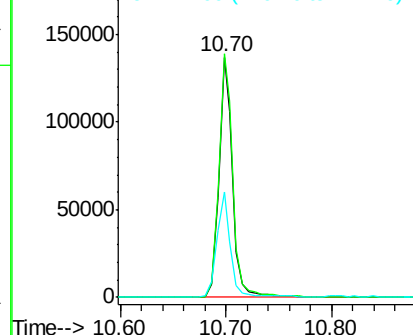
Tot Ion	Ratio	Resp	Lower	Upper
330	100	126206		
332	104.1	77.0	115.6	
141	44.8	29.9	44.9	

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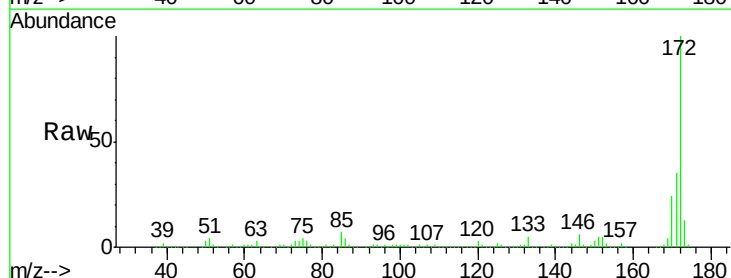


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

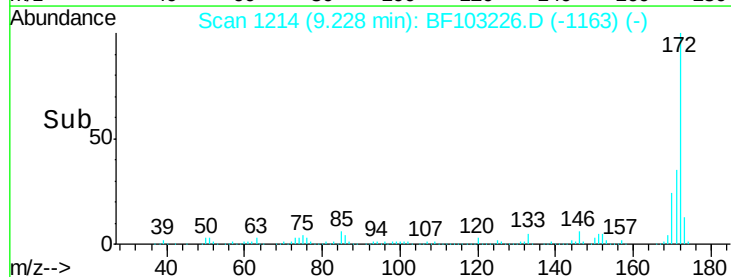
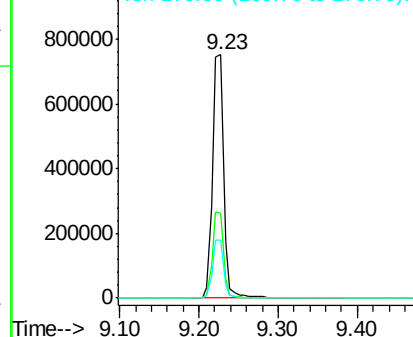


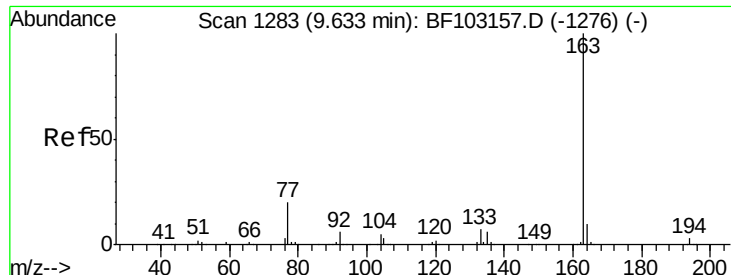
#44
 2-Fluorobiphenyl
 Concen: 34.216 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	740550		
171	34.6	29.7	44.5	
170	24.0	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





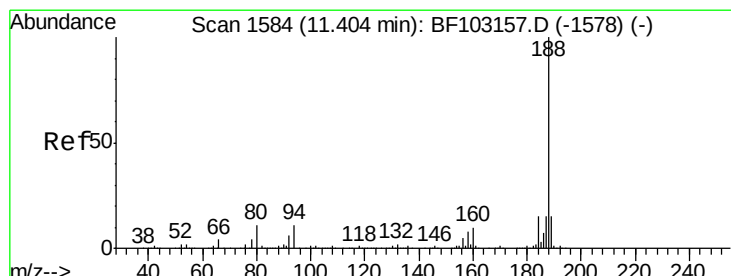
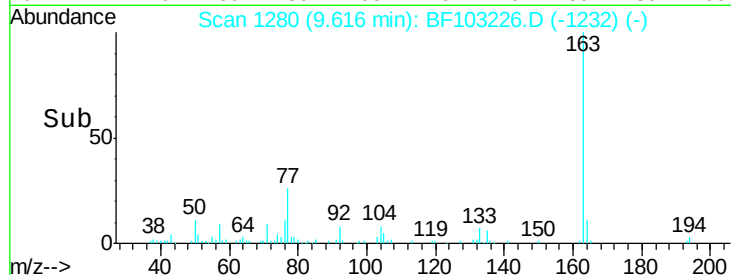
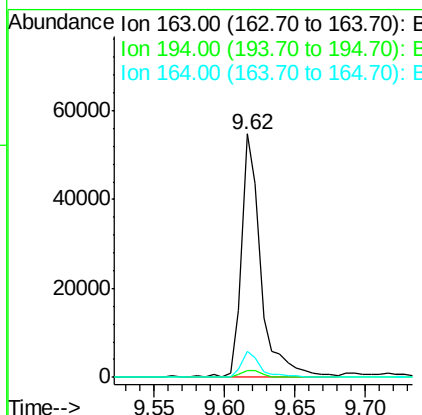
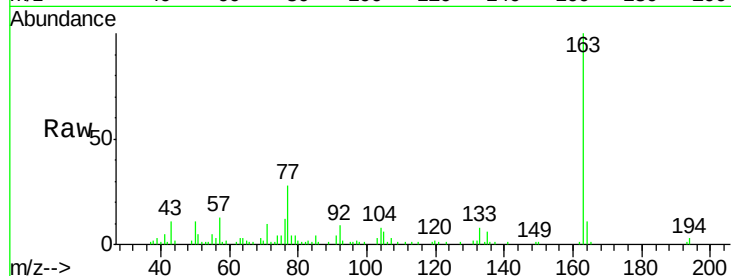
#49
Dimethylphthalate
Concen: 2.079 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	52922		
194	2.6		2.7	4.1#
164	10.5		8.2	12.2

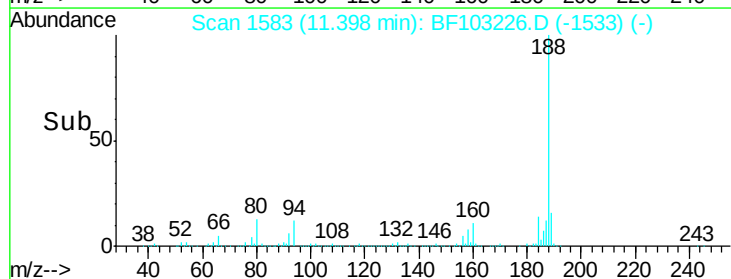
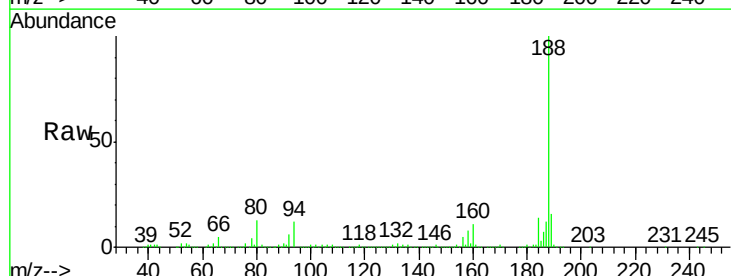
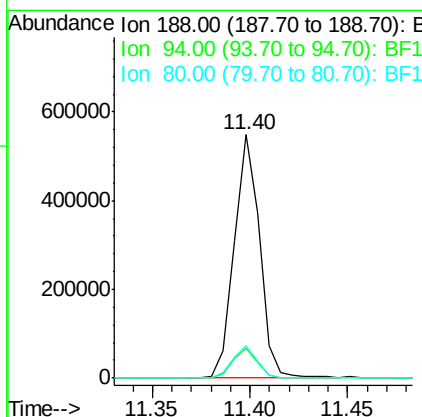
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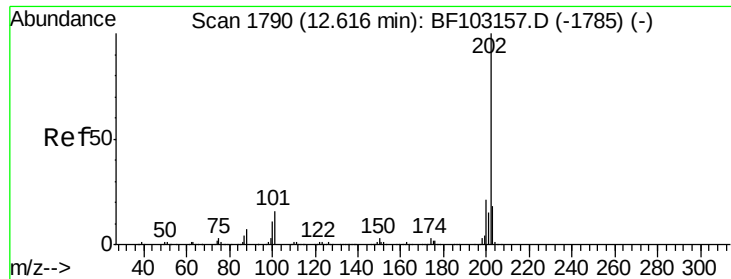
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	494177		
94	12.3		8.5	12.7
80	13.4		9.2	13.8





#74

Fluoranthene

Concen: 4.254 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Instrument :

BNA_F

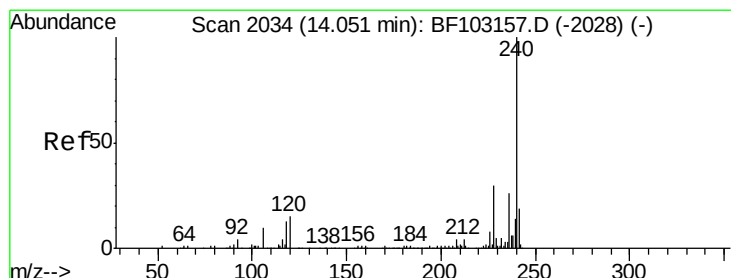
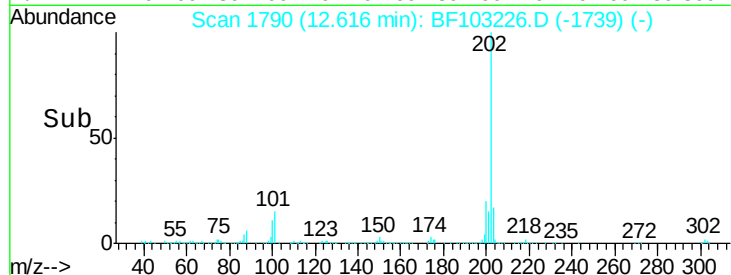
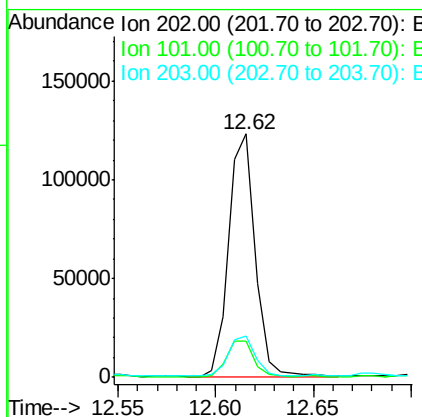
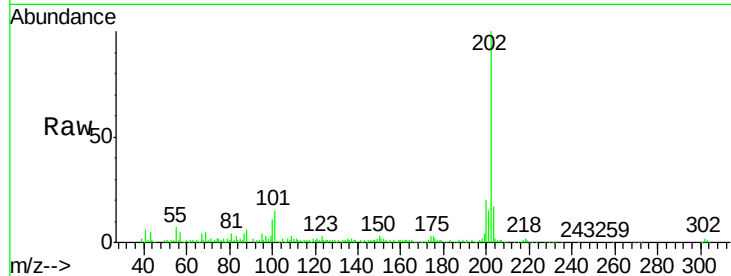
ClientSampled :

B3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		116246		
101	14.9	0.0	34.1		
203	17.0	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

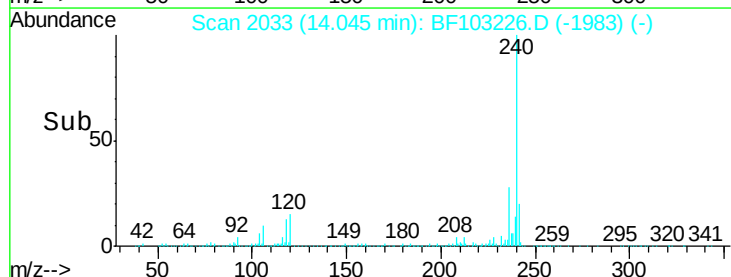
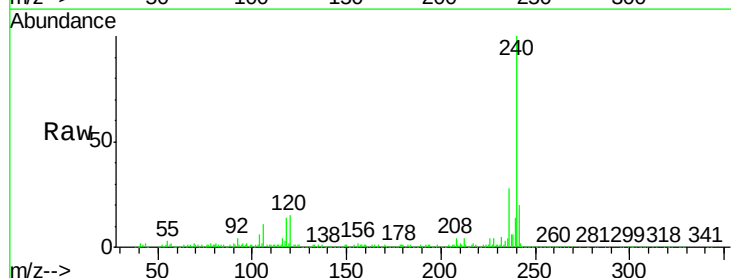
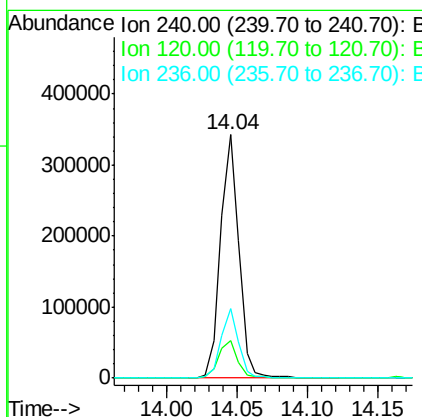
RT: 14.04 min Scan# 2033

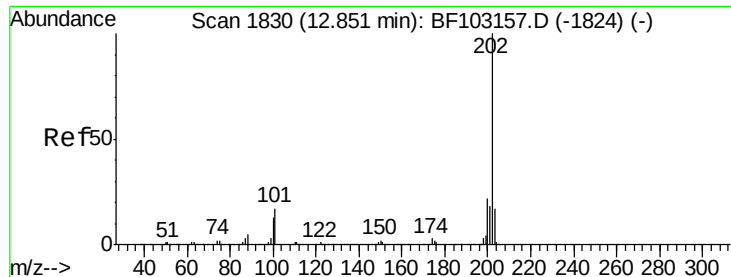
Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		309361		
120	15.5	9.5	14.3#		
236	28.3	20.7	31.1		





#77

Pvrene

Concen: 4.515 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Instrument :

BNA_F

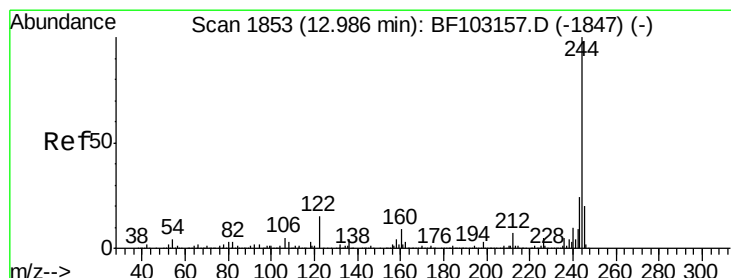
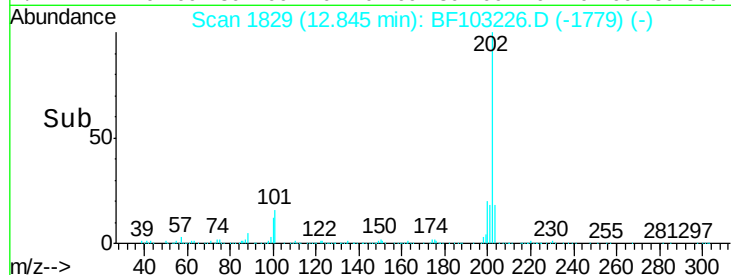
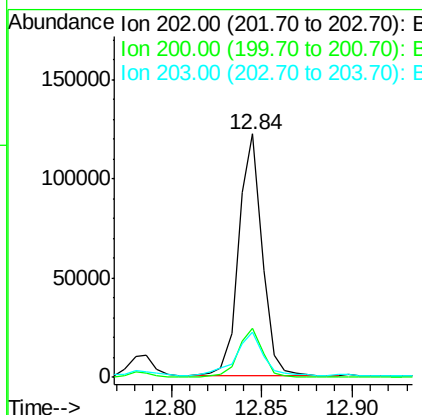
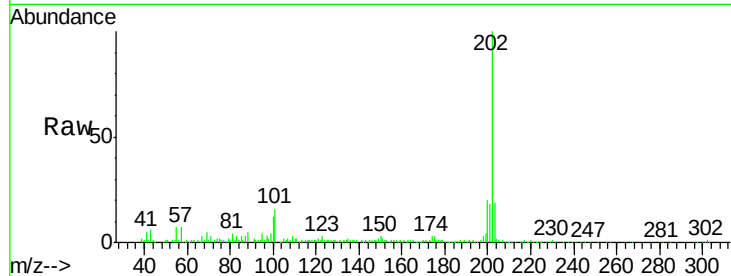
ClientSampled :

B3

Tot Ion:	202	Resp:	108906
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 38.633 ng

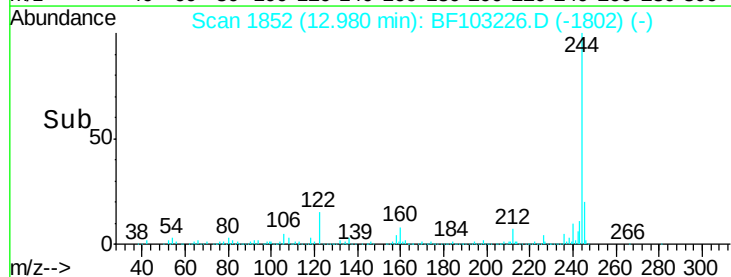
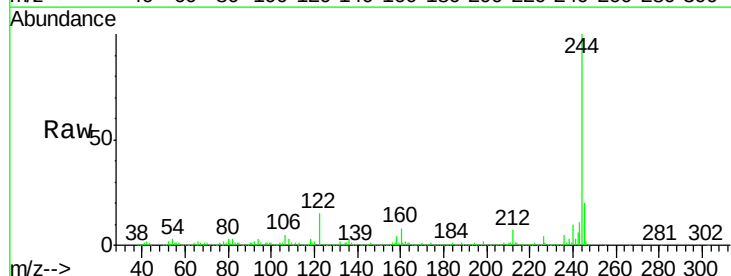
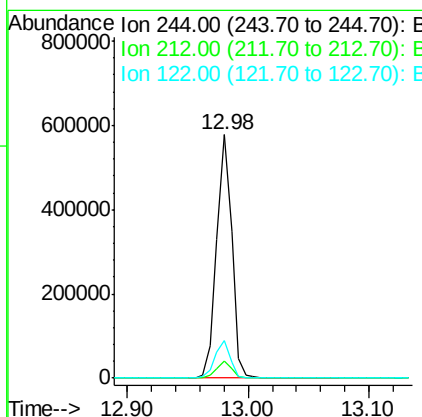
RT: 12.98 min Scan# 1852

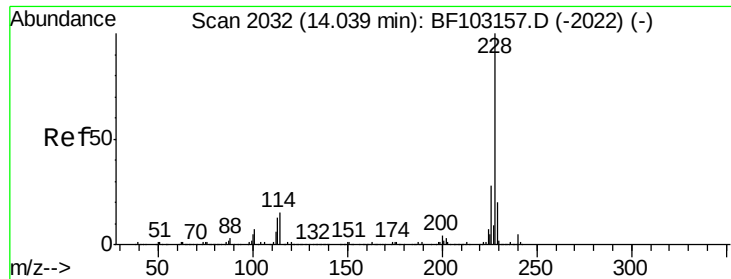
Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Tgt Ion:	244	Resp:	497185
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.3	11.0	16.4





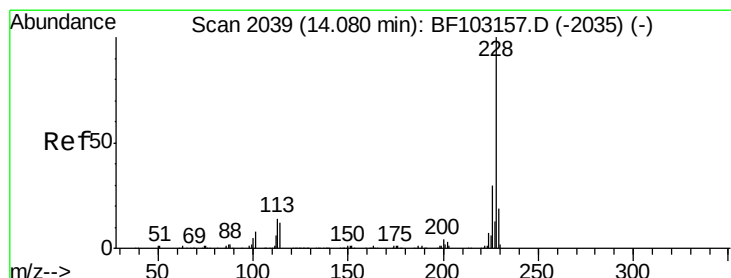
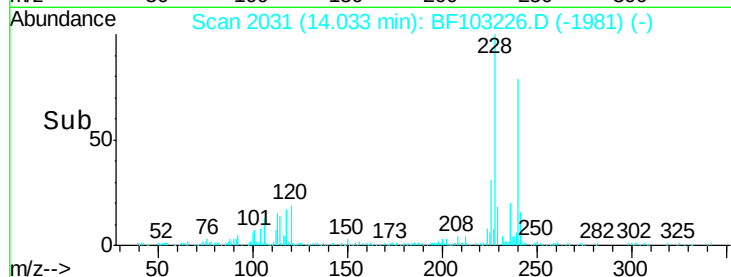
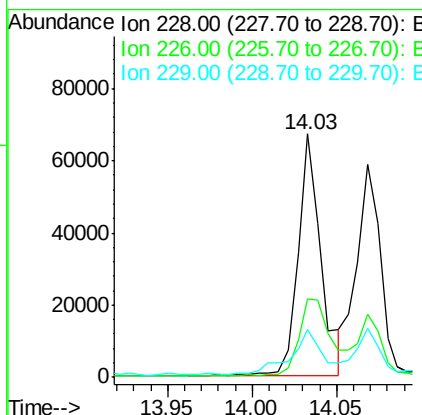
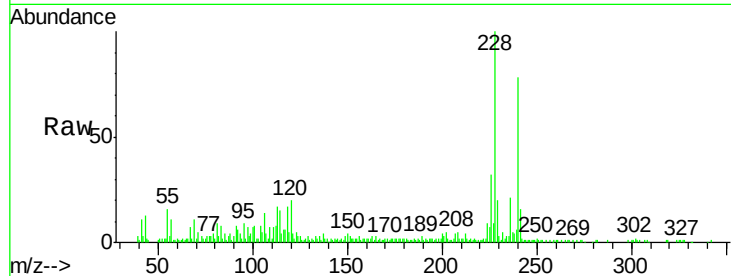
#80
Benzo(a)anthracene
Concen: 3.153 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	19.8	15.8	23.6

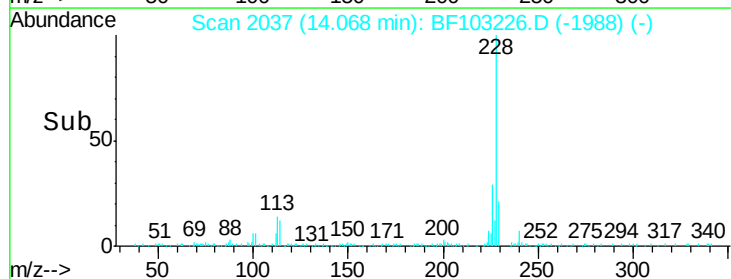
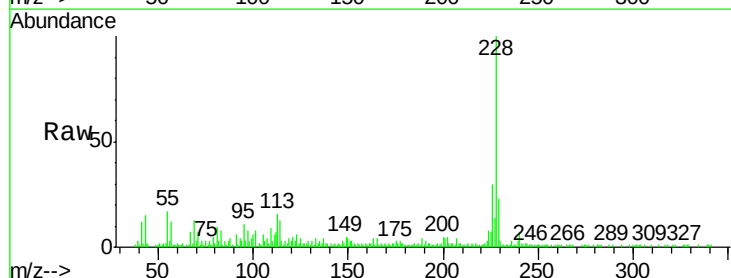
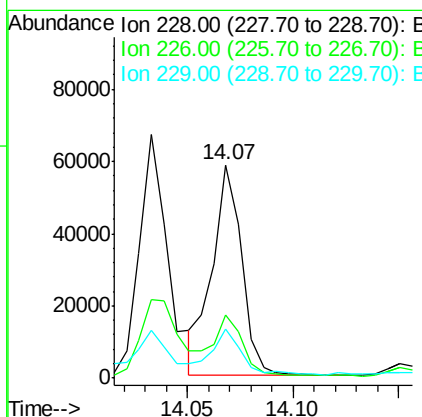
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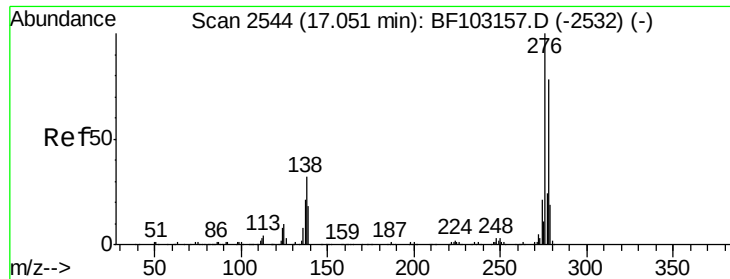
Sohil
2/27/2018 12:22:57 PM



#82
Chrysene
Concen: 2.926 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103226.D
Acq: 26 Feb 2018 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.7	16.2	24.4





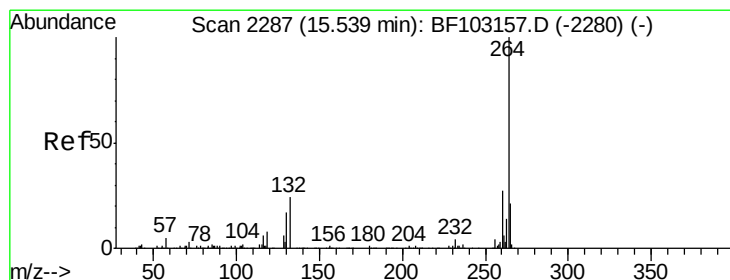
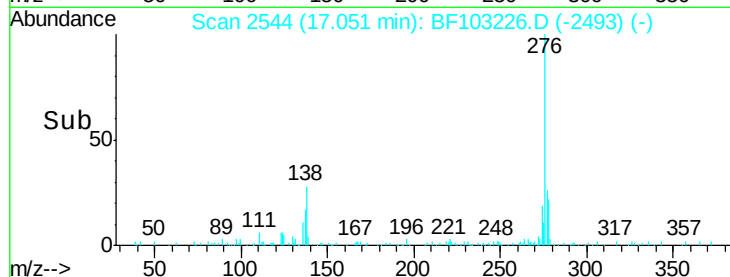
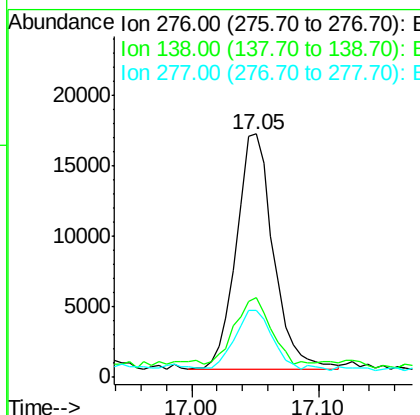
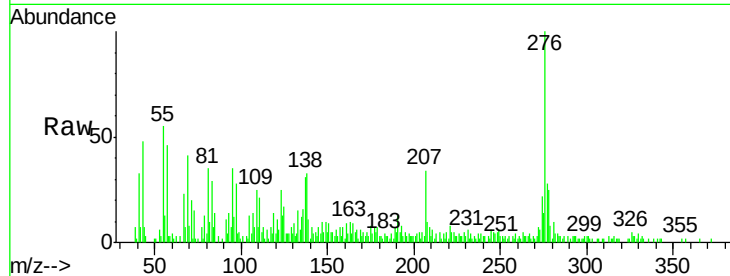
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.194 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :
 B3

Tot Ion:	276	Resp:	33851
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.0	37.6
277	26.7	20.1	30.1

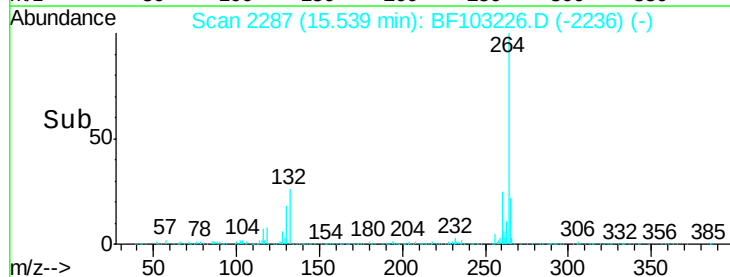
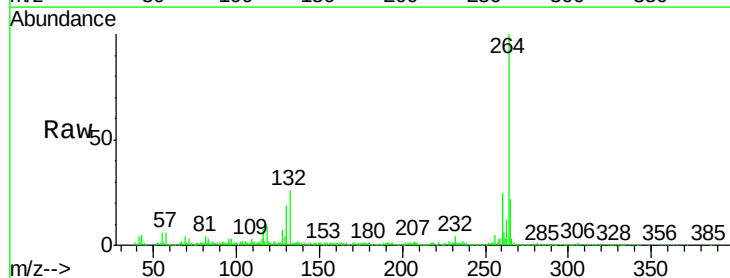
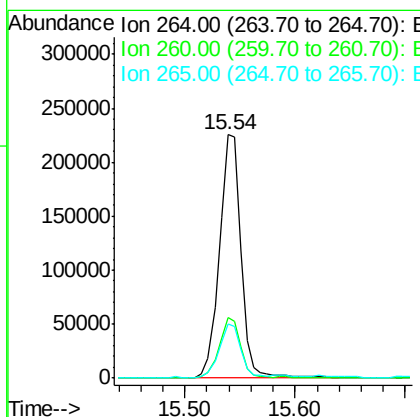
Manual Integrations
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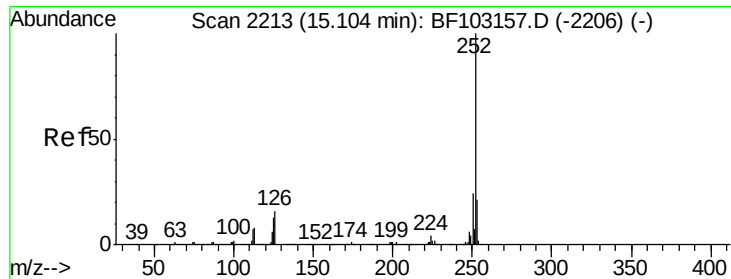
Sohil
 2/27/2018 12:22:57 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Tgt Ion:	264	Resp:	308828
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.404 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Instrument :

BNA_F

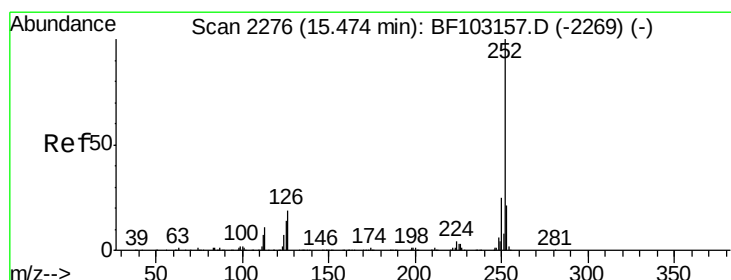
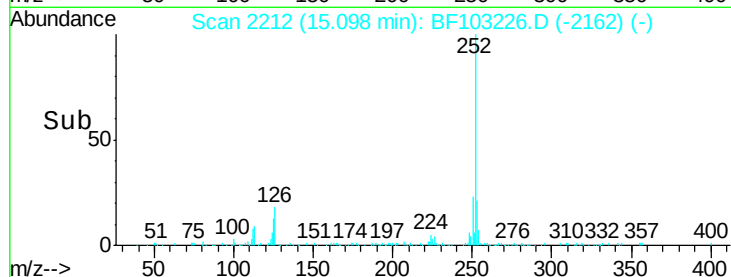
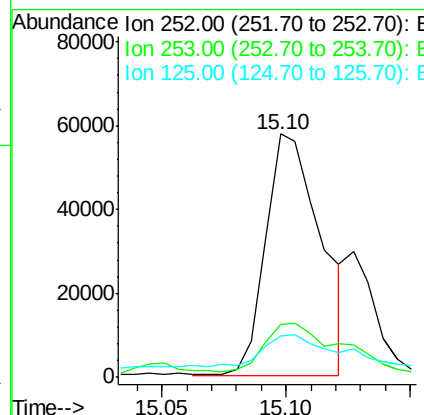
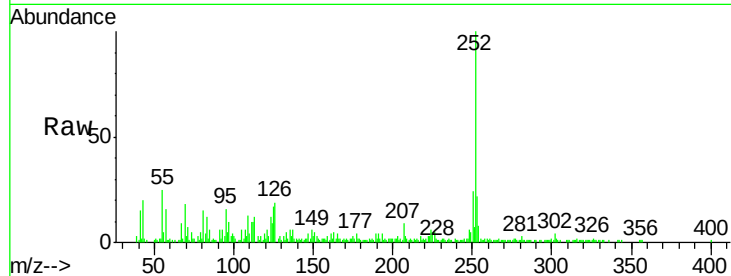
ClientSampled :

B3

Tot Ion:	252	Resp:	89423
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	16.9	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.140 ng

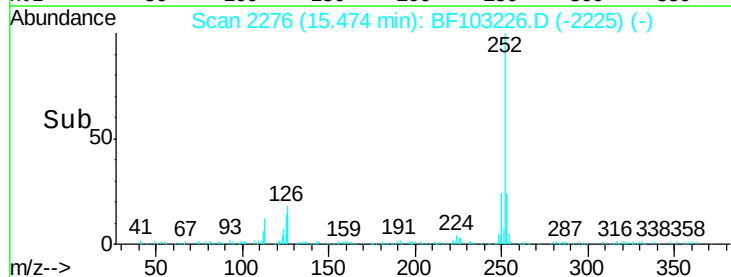
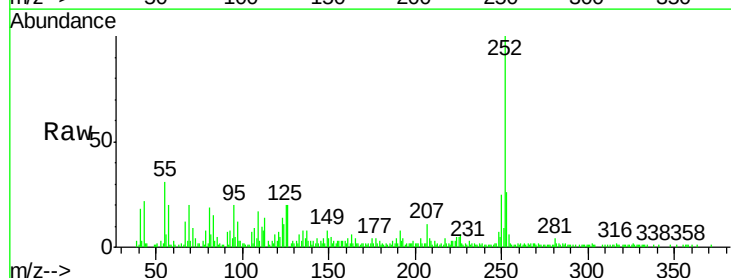
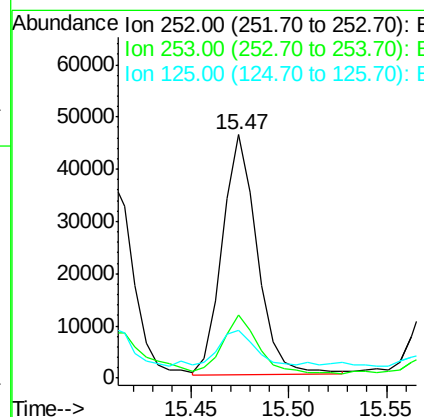
RT: 15.47 min Scan# 2276

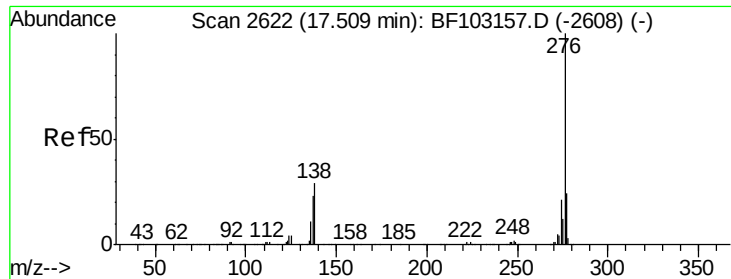
Delta R.T. -0.00 min

Lab File: BF103226.D

Acq: 26 Feb 2018 19:19

Tgt Ion:	252	Resp:	56945
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.1	25.7#
125	19.6	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.618 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF103226.D
 Acq: 26 Feb 2018 19:19

Instrument :
 BNA_F
 ClientSampleId :
 B3

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	33.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:22:57 PM

