

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103228.D
 Acq On : 26 Feb 2018 20:11
 Operator : SJ/JU
 Sample : J1691-29 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:23:02 PM

Quant Time: Feb 27 00:49:57 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	170638	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	704318	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	297913	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	438929	20.00	ng	0.00
75) Chrysene-d12	14.05	240	296098	20.00	ng	0.00
86) Perylene-d12	15.55	264	218428	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	502713	44.56	ng	0.00
7) Phenol-d6	6.50	99	603612	43.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	361549	29.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	97405	38.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	597623	28.65	ng	0.00
78) Terphenyl-d14	12.98	244	391177	31.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1141	Below Cal		Qvalue 85
49) Dimethylphthalate	9.62	163	84736	3.546	ng	99
70) Phenanthrene	11.42	178	108063	4.474	ng	98
74) Fluoranthene	12.62	202	166002	6.839	ng	97
77) Pyrene	12.85	202	194445	8.423	ng	99
80) Benzo(a)anthracene	14.04	228	95703m	4.981	ng	
82) Chrysene	14.07	228	109178m	5.853	ng	
85) Indeno(1,2,3-cd)pyrene	17.07	276	35323	2.392	ng	96
87) Benzo(b)fluoranthene	15.11	252	92483m	6.440	ng	
88) Benzo(k)fluoranthene	15.14	252	34181m	2.528	ng	
89) Benzo(a)pyrene	15.49	252	58250	4.542	ng	# 74
91) Benzo(a,h,i)perylene	17.53	276	37312	3.852	ng	# 79

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

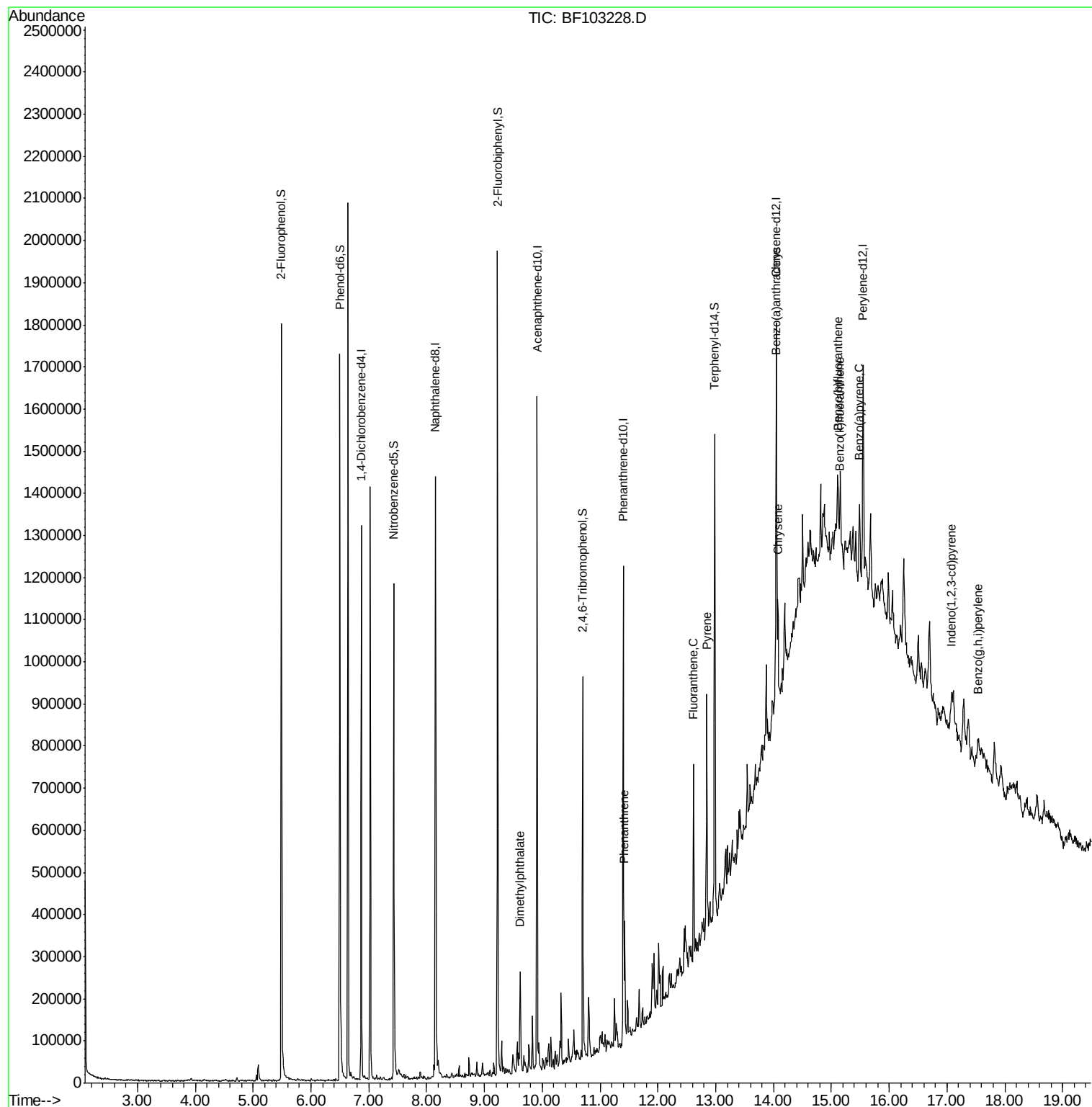
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103228.D
Acq On : 26 Feb 2018 20:11
Operator : SJ/JU
Sample : J1691-29 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

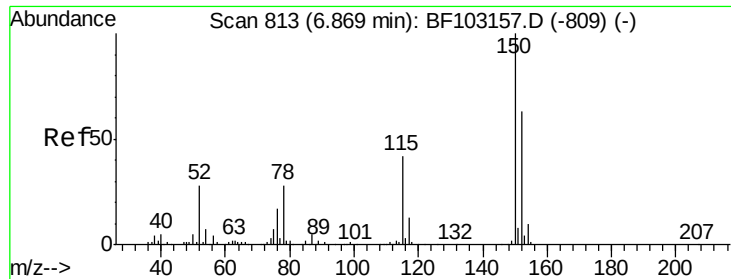
Instrument :
BNA_F
ClientSampleId :
B8

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

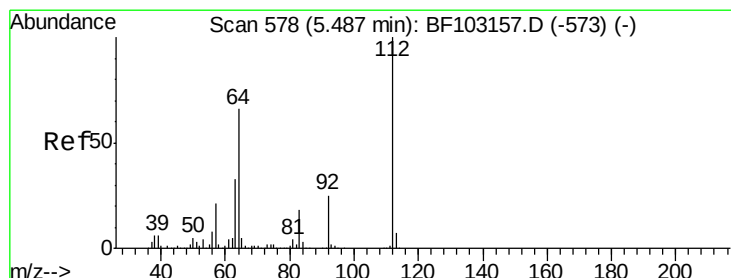
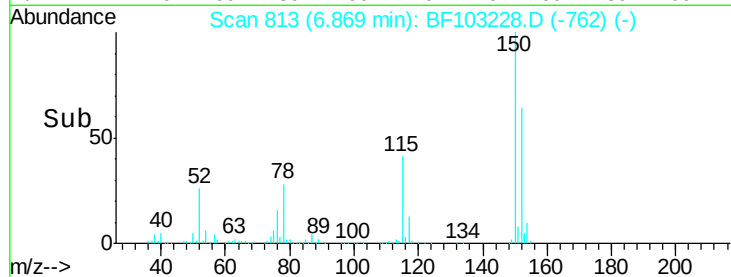
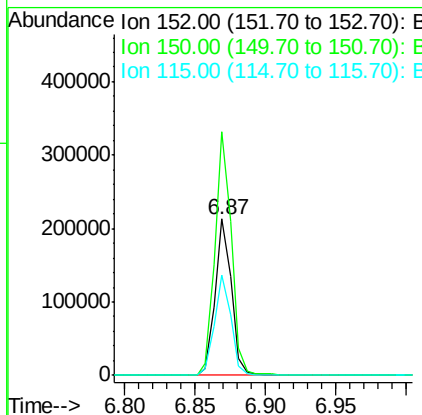
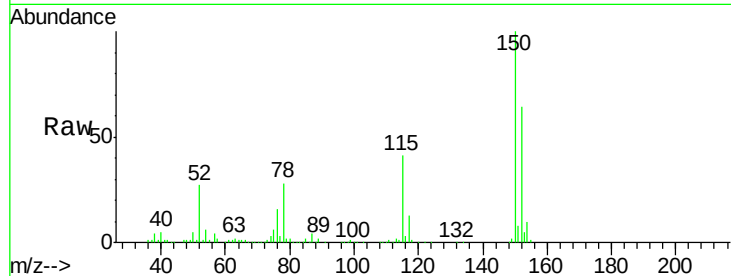
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	63.9	50.1	75.1

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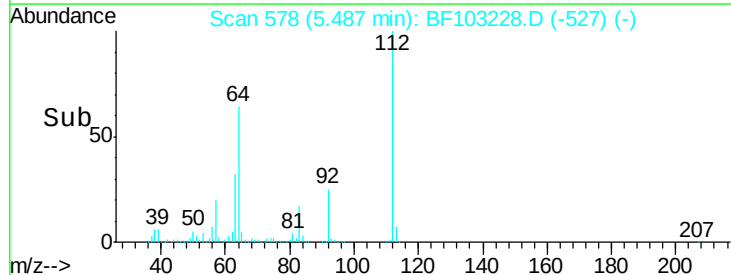
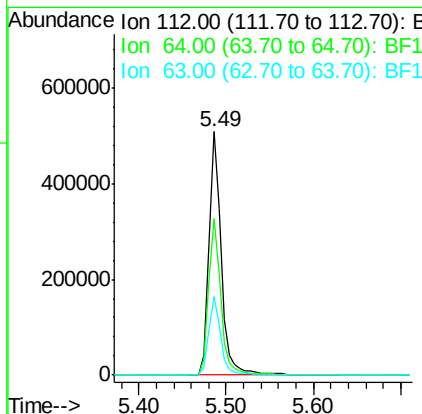
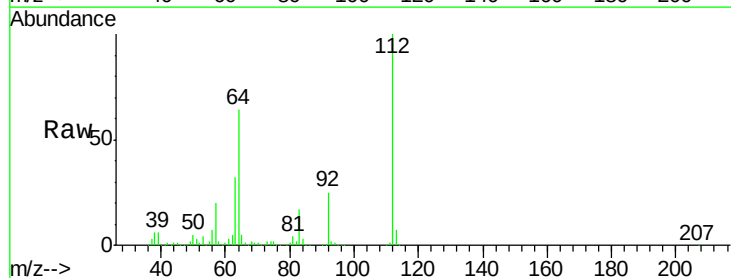
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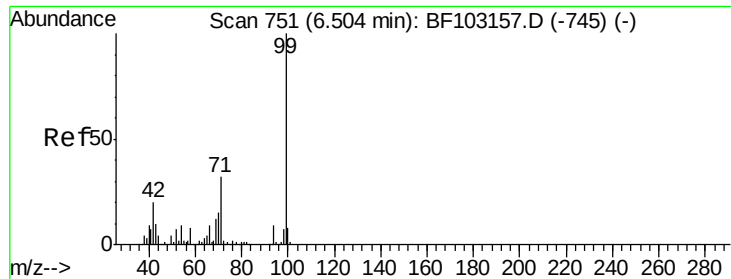


#5

2-Fluorophenol
Concen: 44.557 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 43.722 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103228.D

Acq: 26 Feb 2018 20:11

Instrument :

BNA_F

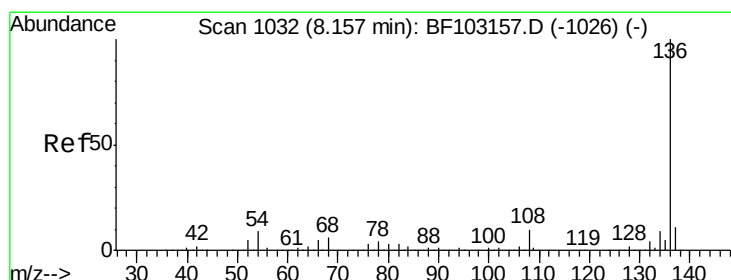
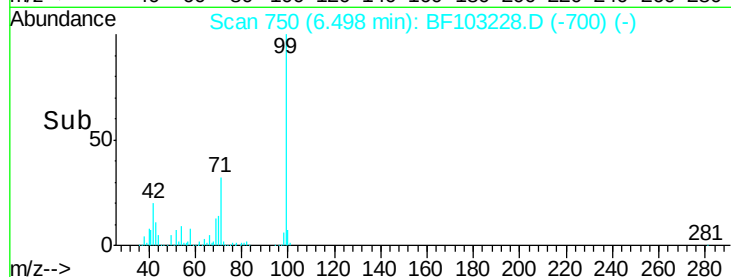
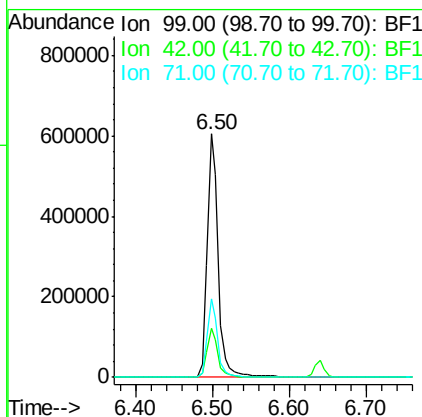
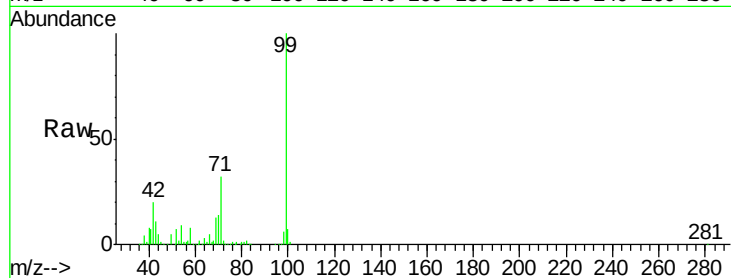
ClientSampleId :

B8

Tot Ion:	99	Resp:	603612
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	32.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

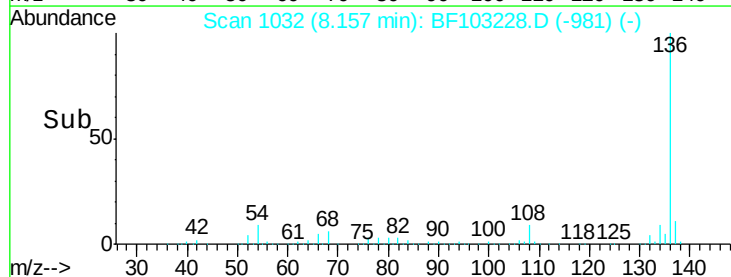
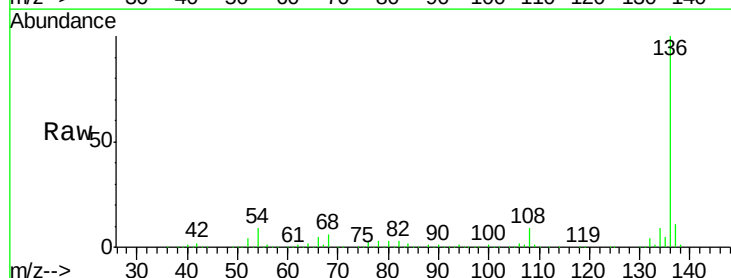
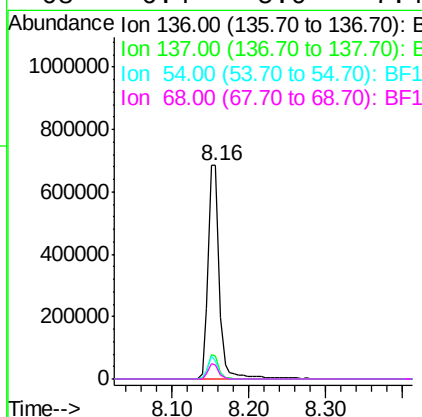
RT: 8.16 min Scan# 1032

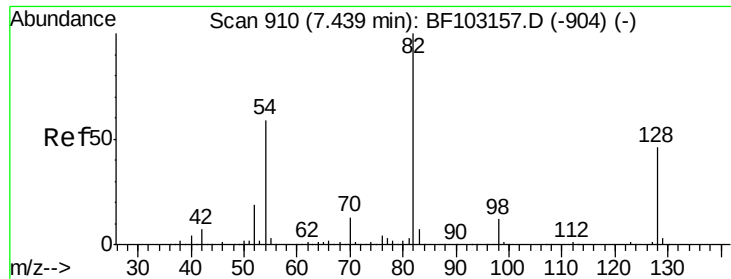
Delta R.T. 0.00 min

Lab File: BF103228.D

Acq: 26 Feb 2018 20:11

Tgt Ion:	136	Resp:	704318
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	8.6	6.6	9.8
68	6.4	5.0	7.4





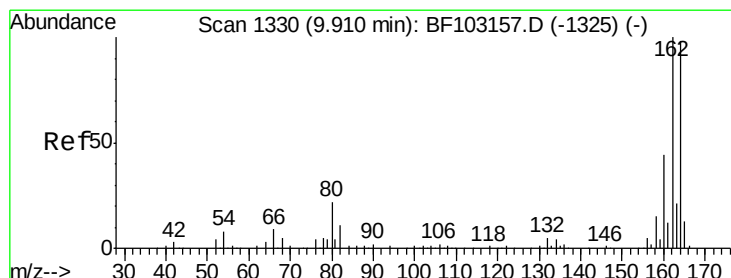
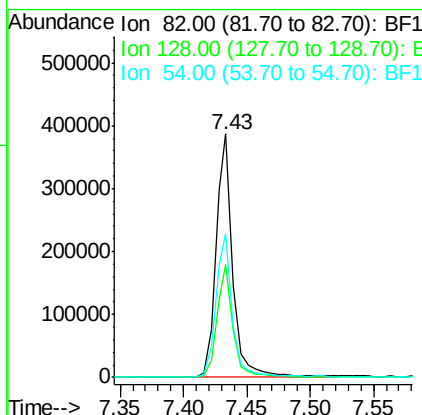
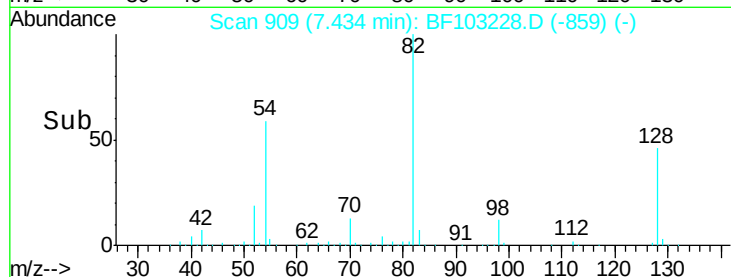
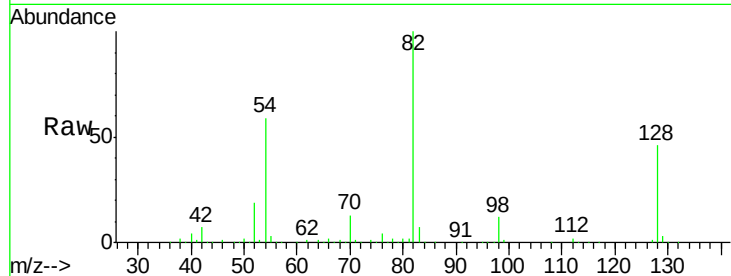
#23
 Nitrobenzene-d5
 Concen: 29.316 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103228.D
 Acq: 26 Feb 2018 20:11

Instrument :
 BNA_F
 ClientSampled :
 B8

Tot Ion	Ratio	Resp	Lower	Upper
82	100	361549		
128	46.4	36.1	54.1	
54	58.9	41.4	62.2	

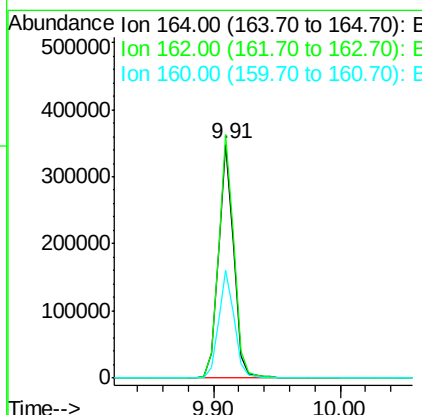
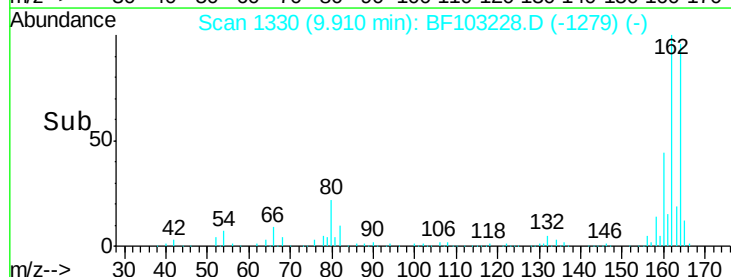
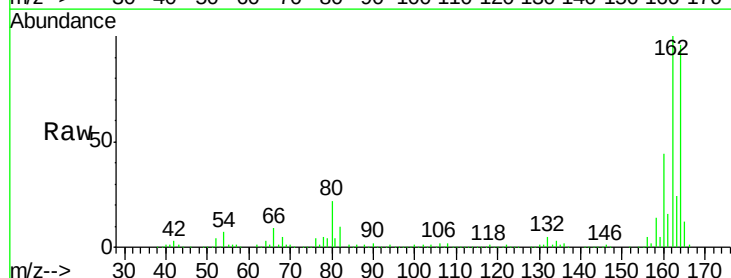
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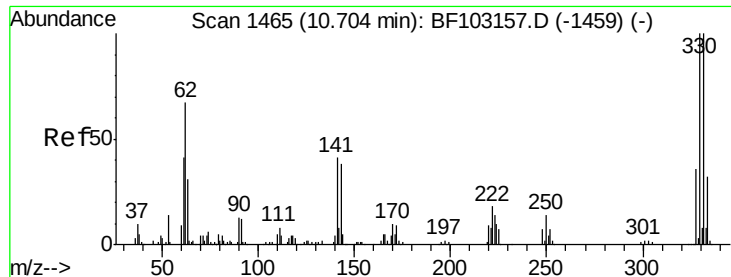
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF103228.D
 Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	297913		
162	104.1	86.1	129.1	
160	46.0	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 38.627 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103228.D

Acq: 26 Feb 2018 20:11

Instrument :

BNA_F

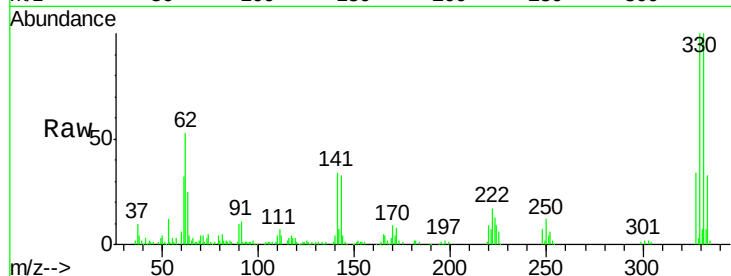
ClientSampled :

B8

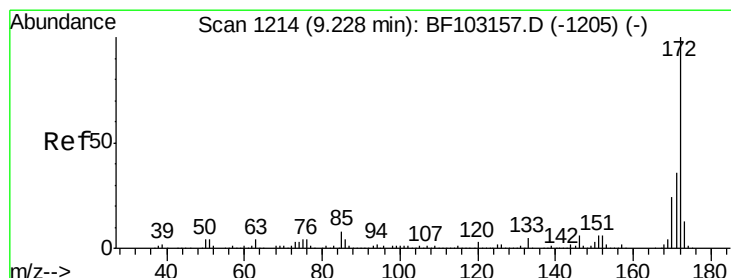
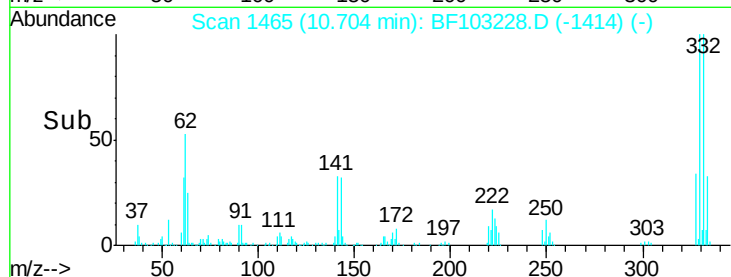
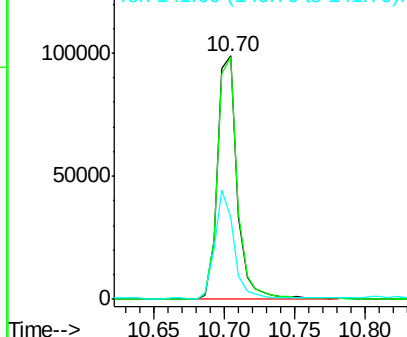
Tot Ion:	330	Resp:	97405
Ion Ratio	Lower	Upper	
330	100		
332	101.0	77.0	115.6
141	41.7	29.9	44.9

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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: 28.650 ng

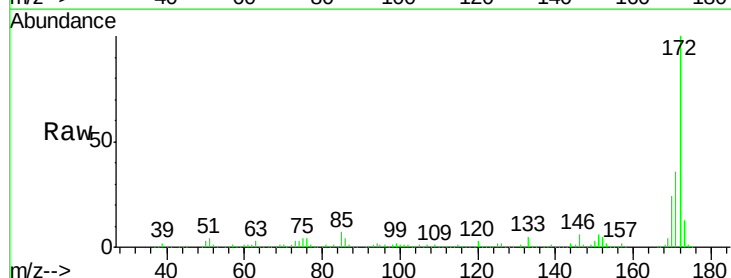
RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

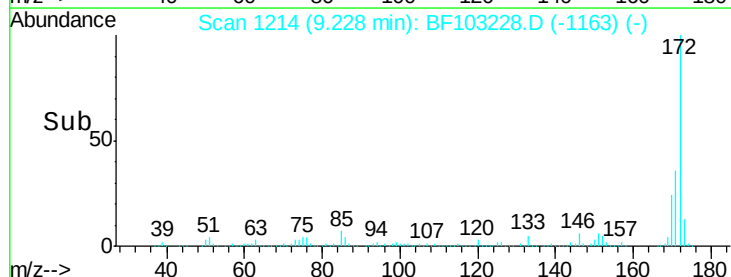
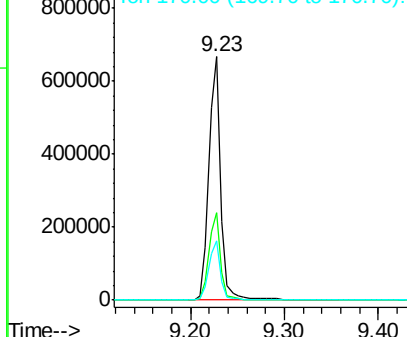
Lab File: BF103228.D

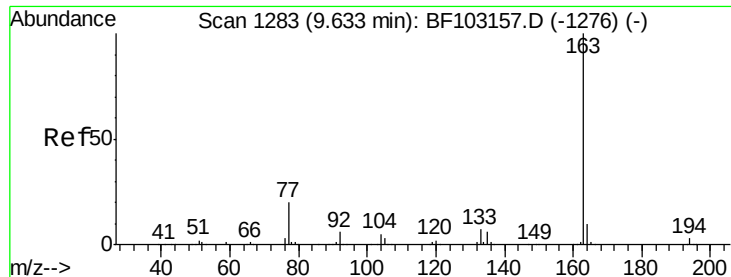
Acq: 26 Feb 2018 20:11

Tgt Ion:	172	Resp:	597623
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.4	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





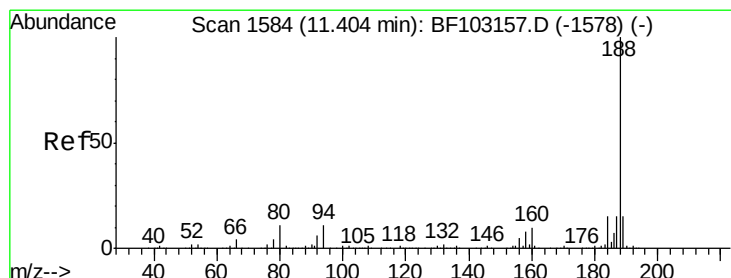
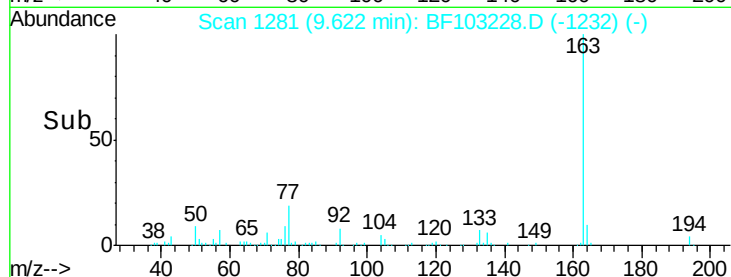
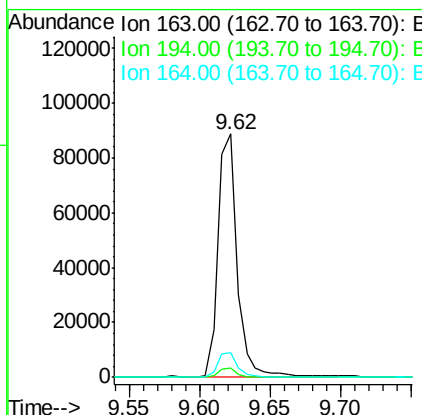
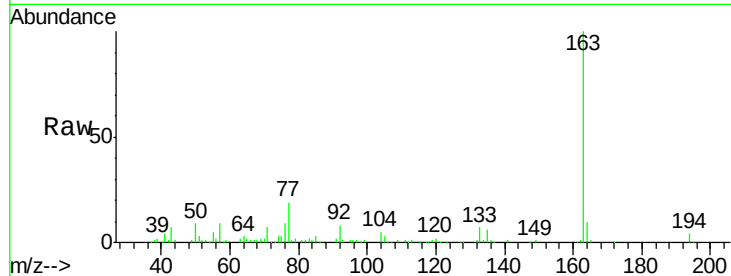
#49
Dimethylphthalate
Concen: 3.546 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampleId :
B8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		84736		
194	4.0		2.7	4.1	
164	9.9		8.2	12.2	

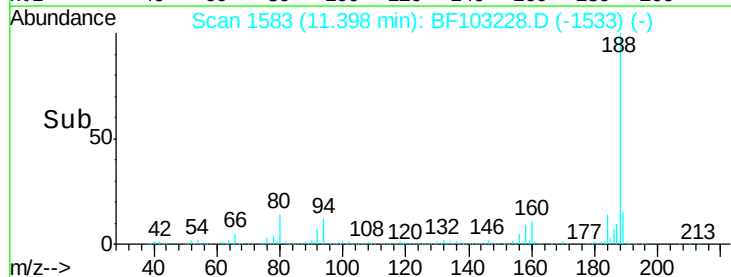
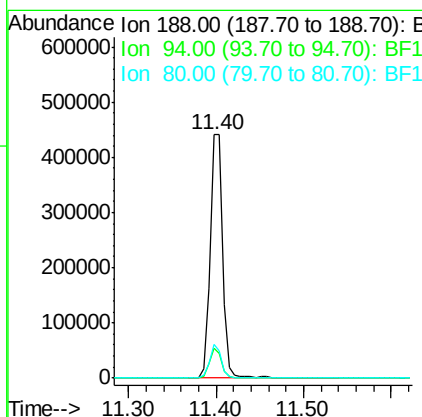
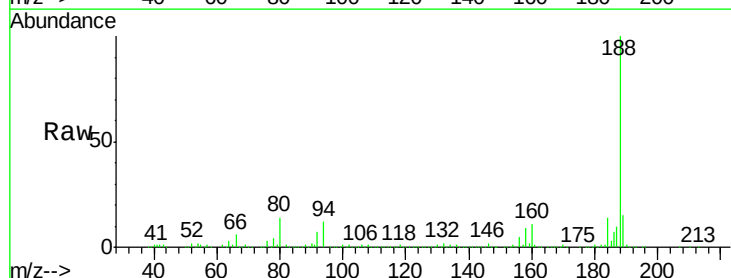
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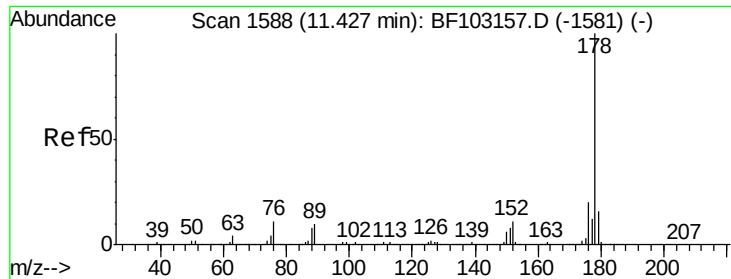
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		438929		
94	12.4		8.5	12.7	
80	13.7		9.2	13.8	





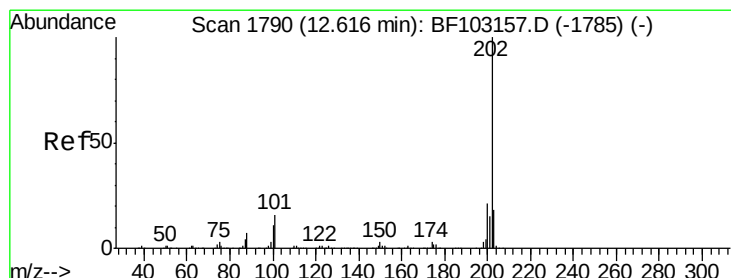
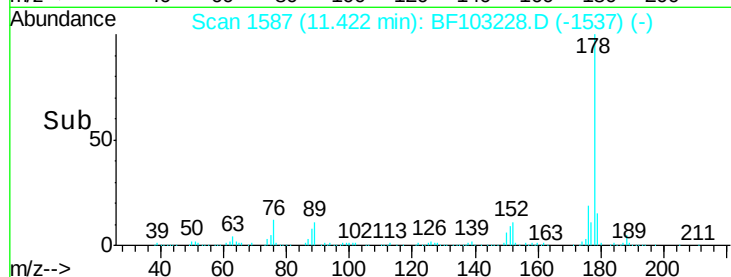
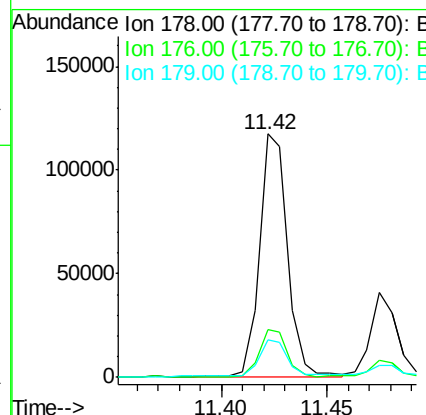
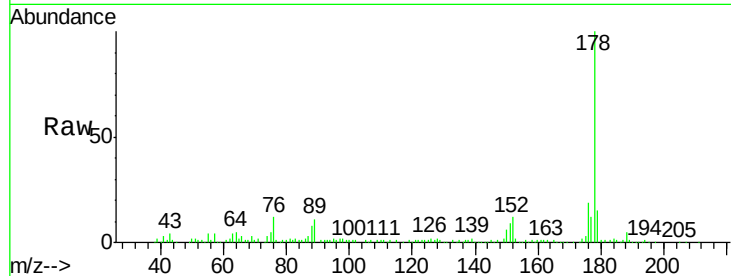
#70
Phenanthrene
Concen: 4.474 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6

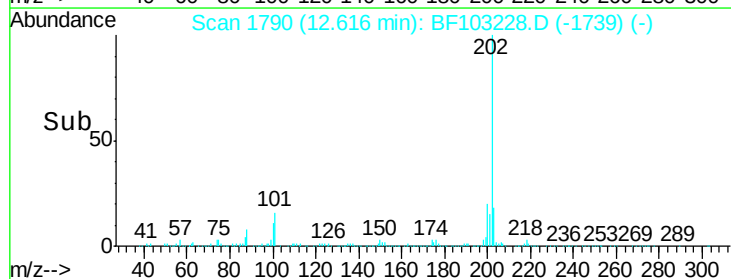
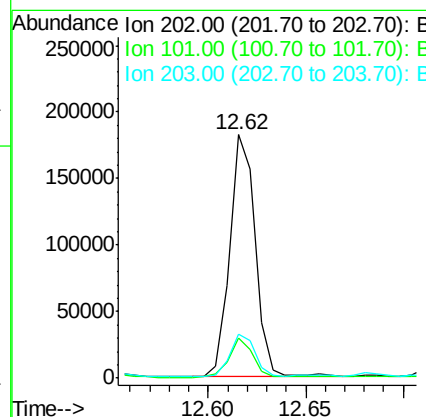
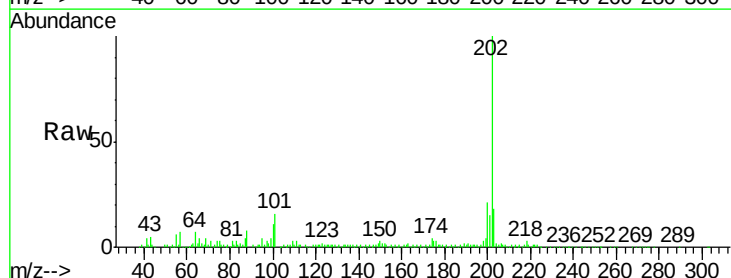
Manual Integrations
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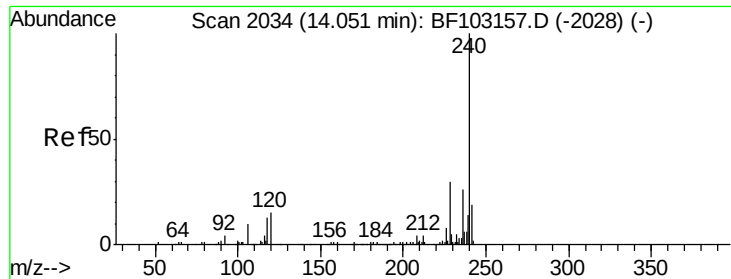
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#74
Fluoranthene
Concen: 6.839 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.1
203	18.0	0.0	38.1





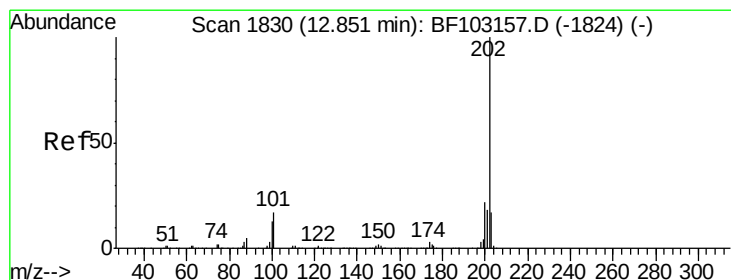
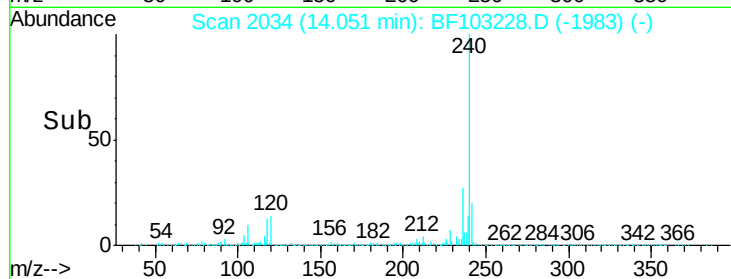
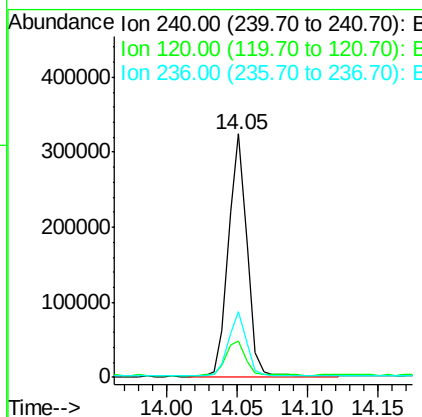
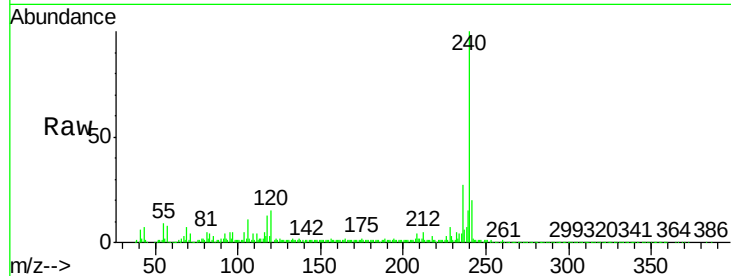
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampleId :
B8

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.1	9.5	14.3	
236	27.2	20.7	31.1	

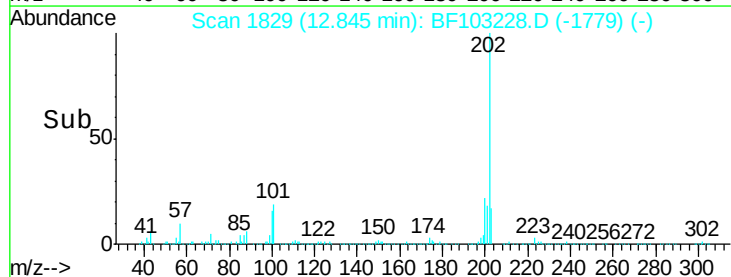
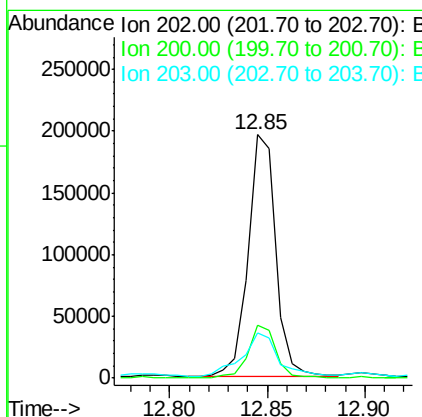
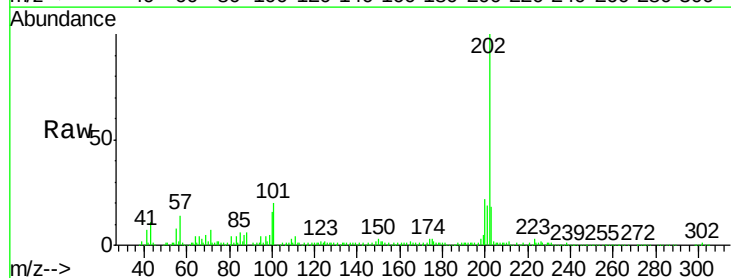
Manual Integrations
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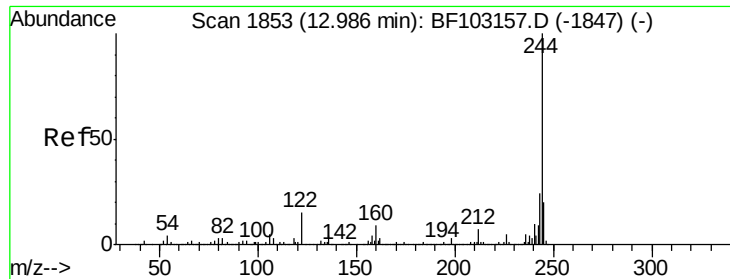
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#77
Pyrene
Concen: 8.423 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.4	26.2	
203	18.4	14.3	21.5	





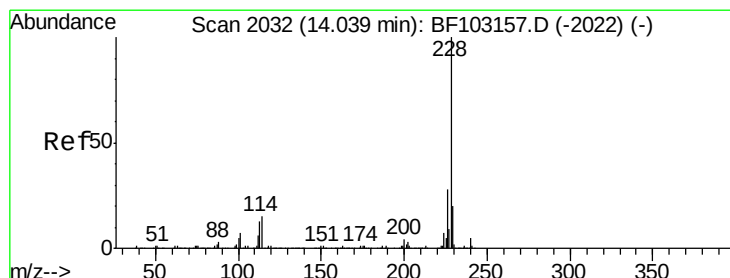
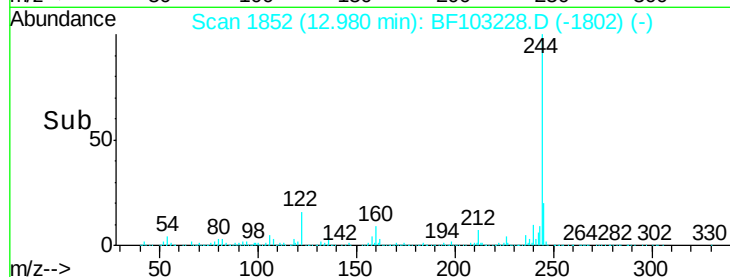
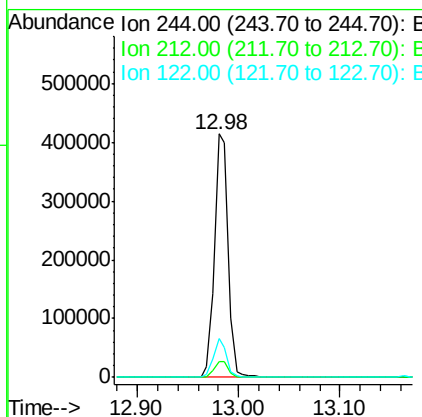
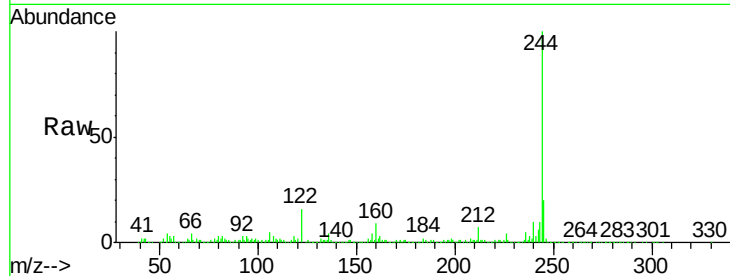
#78
 Terphenyl-d14
 Concen: 31.758 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103228.D
 Acq: 26 Feb 2018 20:11

Instrument :
 BNA_F
 ClientSampled :
 B8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	16.0	11.0	16.4

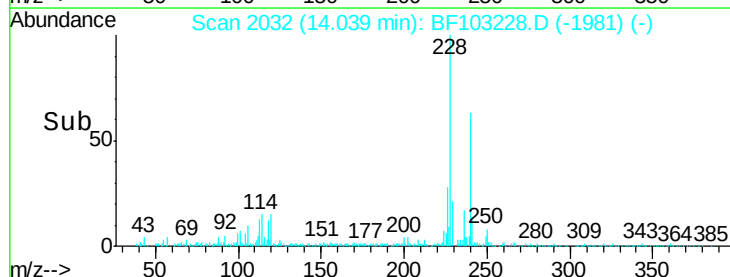
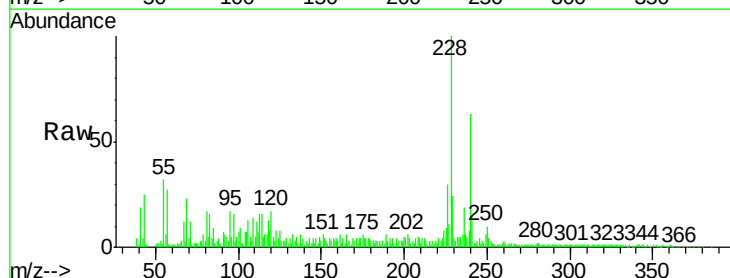
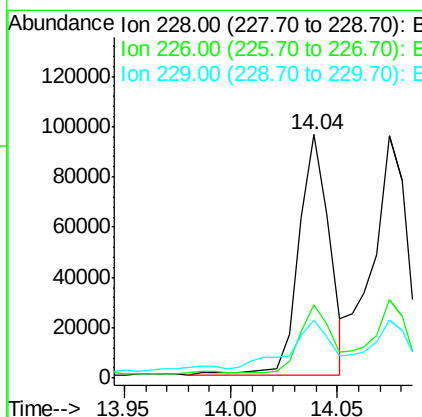
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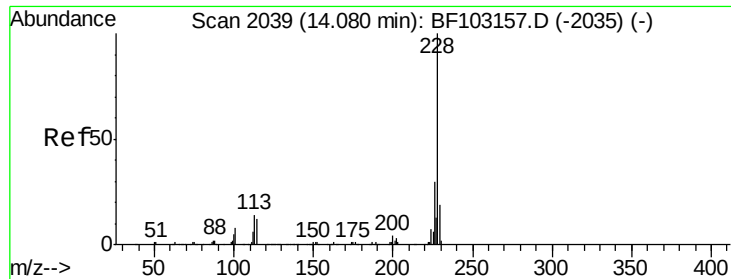
Sohil
 2/27/2018 12:23:02 PM



#80
 Benzo(a)anthracene
 Concen: 4.981 ng m
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF103228.D
 Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	24.0	15.8	23.6





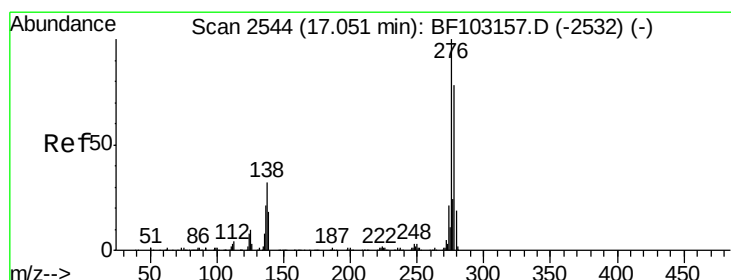
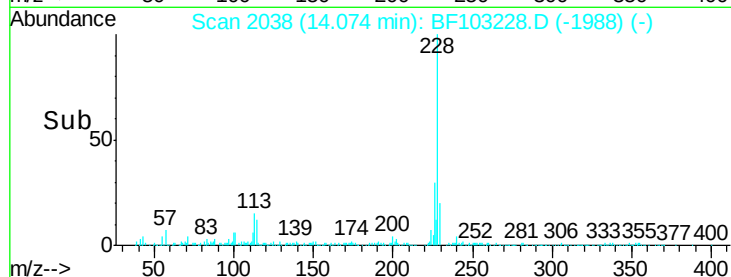
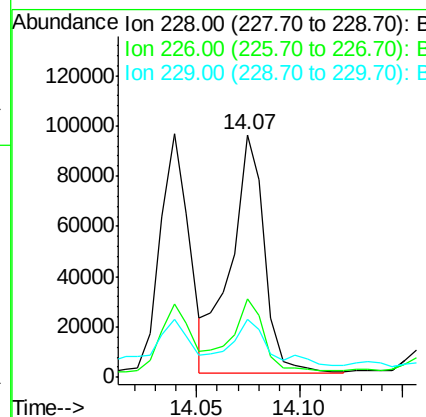
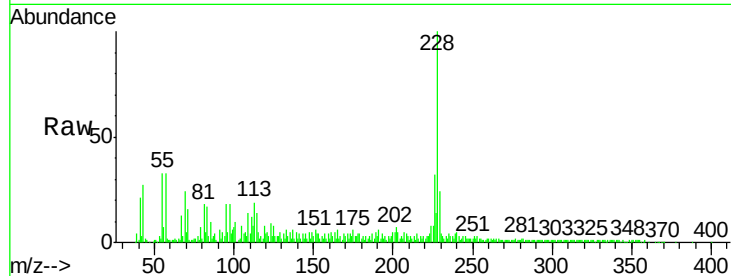
#82
Chrysene
Concen: 5.853 ng m
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	24.0	16.2	24.4

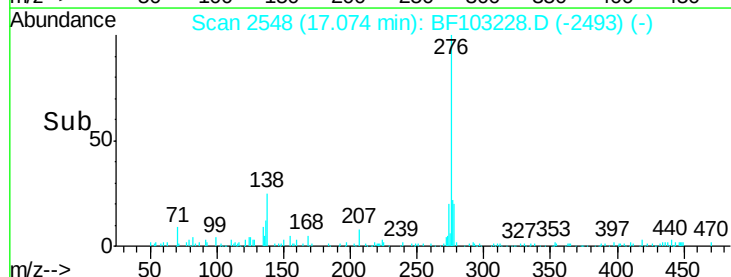
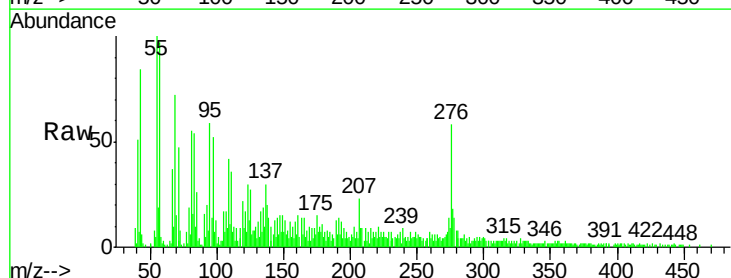
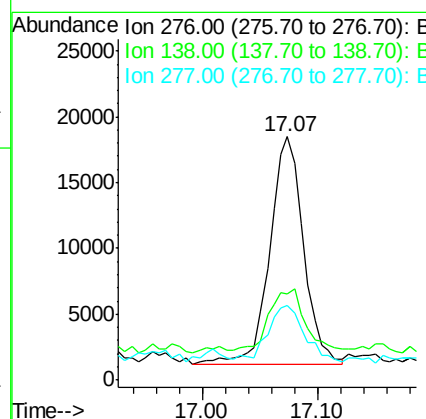
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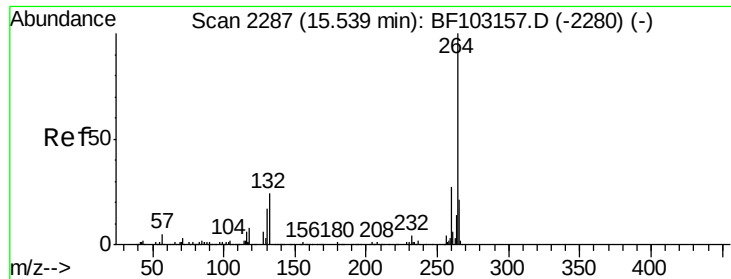
Sohil
2/27/2018 12:23:02 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.392 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	26.8	20.1	30.1





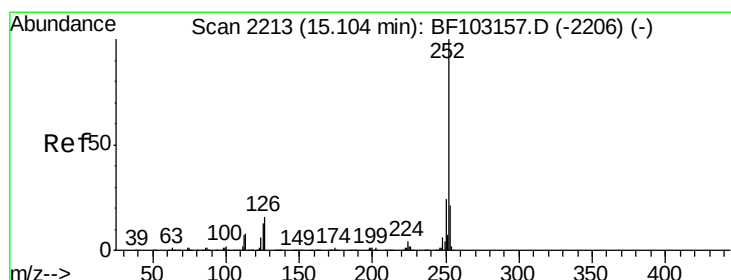
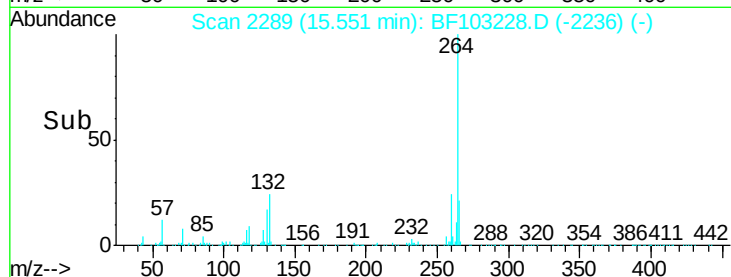
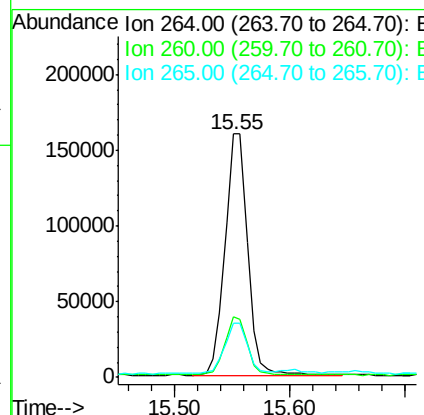
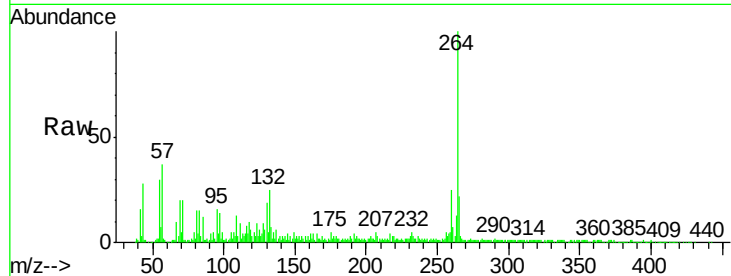
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.5	26.3

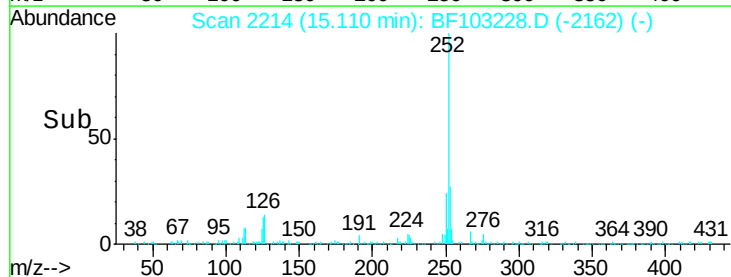
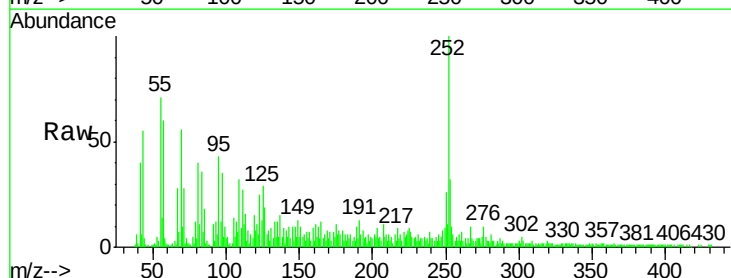
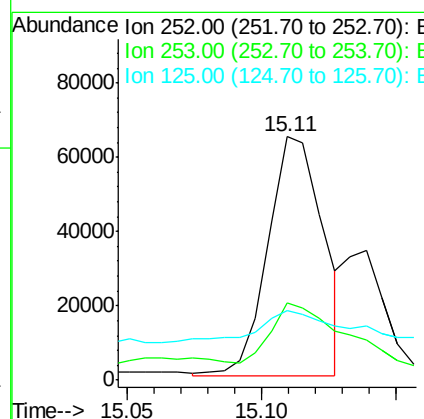
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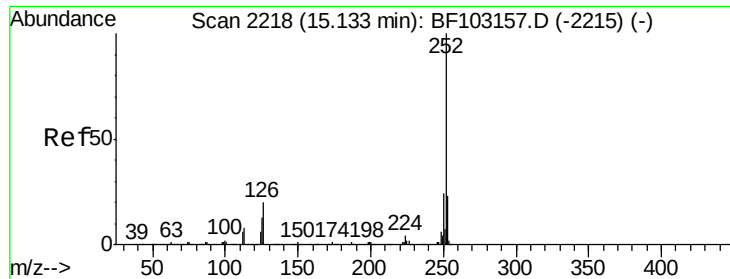
Sohil
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#87
Benzo(b)fluoranthene
Concen: 6.440 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	17.0	25.6#
125	28.8	9.0	13.6#





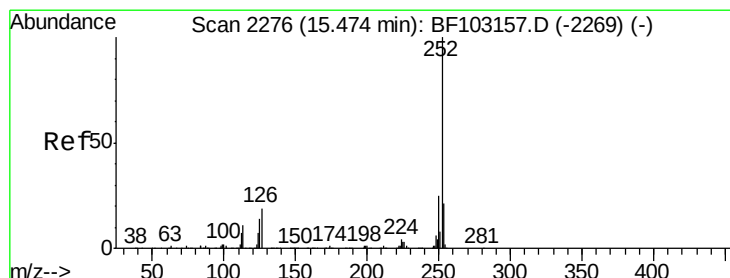
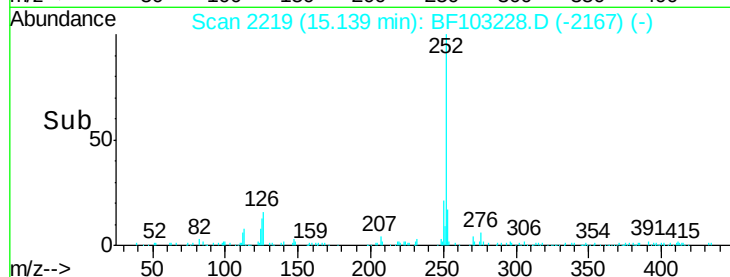
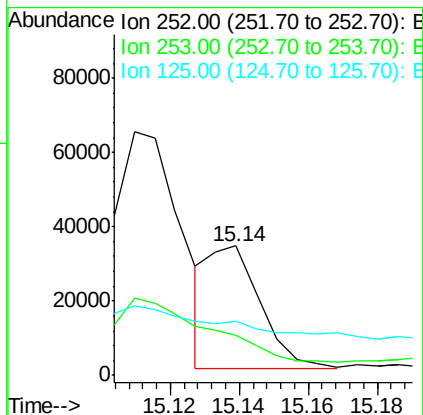
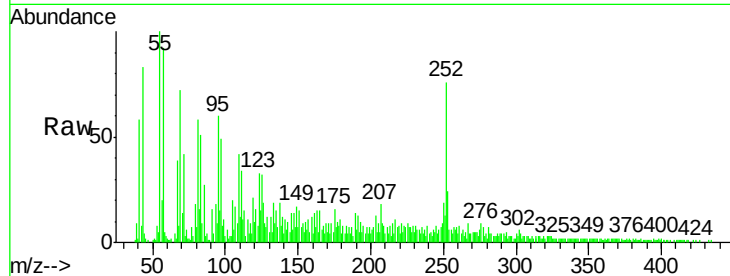
#88
Benzo(k)fluoranthene
Concen: 2.528 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Instrument :
BNA_F
ClientSampleId :
B8

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.9	26.9#
125	41.8	10.2	15.2#

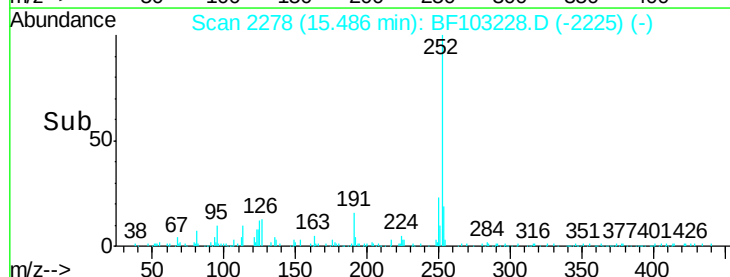
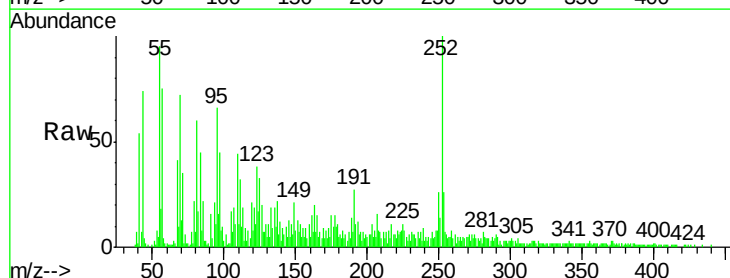
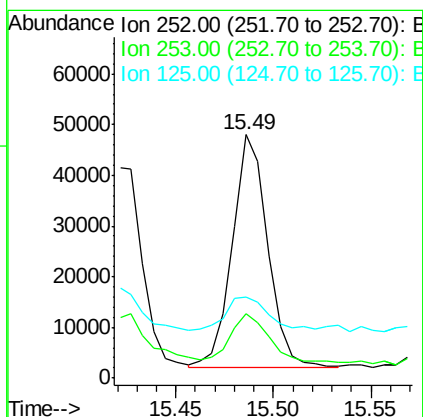
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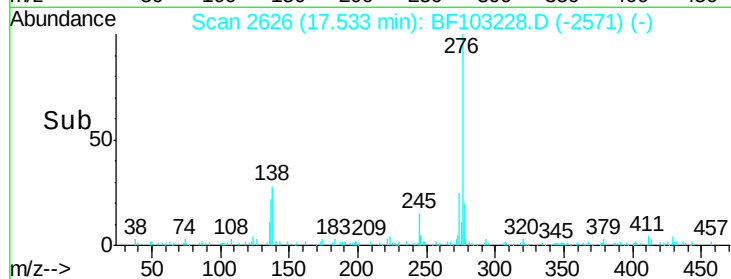
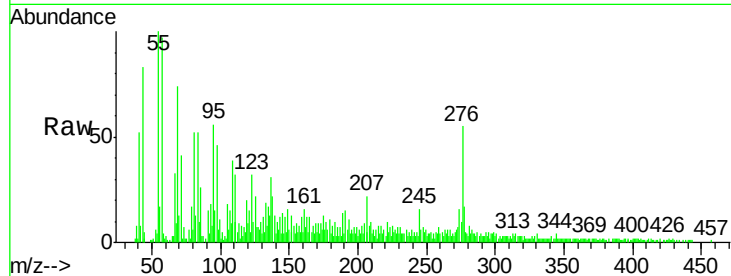
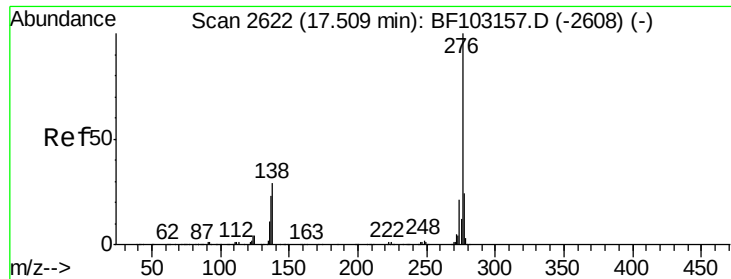
Sohil
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#89
Benzo(a)pyrene
Concen: 4.542 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF103228.D
Acq: 26 Feb 2018 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	33.1	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.852 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF103228.D
 Acq: 26 Feb 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :
 B8

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	39.7	21.8	32.8#

Manual Integrations
 APPROVED

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