

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103429.D
 Acq On : 6 Mar 2018 00:27
 Operator : SJ/JU
 Sample : J1723-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-23

Manual Integrations
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Sohil
 3/6/2018 4:23:49 PM

Quant Time: Mar 06 01:33:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125364	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	507843	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	204577	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	302477	20.00	ng	0.00
75) Chrysene-d12	14.06	240	192590	20.00	ng	0.00
86) Perylene-d12	15.57	264	139274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	627879	75.75	ng	0.00
7) Phenol-d6	6.51	99	790282	77.92	ng	-0.01
23) Nitrobenzene-d5	7.44	82	448291	50.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	89653	51.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	676803	51.69	ng	0.00
78) Terphenyl-d14	12.99	244	469269	58.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	40953	2.495	ng	99
70) Phenanthrene	11.43	178	112114	6.735	ng	98
71) Anthracene	11.49	178	36229	2.122	ng	95
74) Fluoranthene	12.63	202	204450	12.222	ng	98
77) Pyrene	12.86	202	206120	13.727	ng	100
80) Benzo(a)anthracene	14.05	228	85640	6.853	ng	99
82) Chrysene	14.09	228	83121	6.851	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	31086	3.236	ng	97
87) Benzo(b)fluoranthene	15.13	252	83715m	9.142	ng	
88) Benzo(k)fluoranthene	15.16	252	24073m	2.792	ng	
89) Benzo(a)pyrene	15.52	252	55280	6.760	ng	# 89
91) Benzo(a,h,i)perylene	17.60	276	30618	4.958	ng	# 82

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

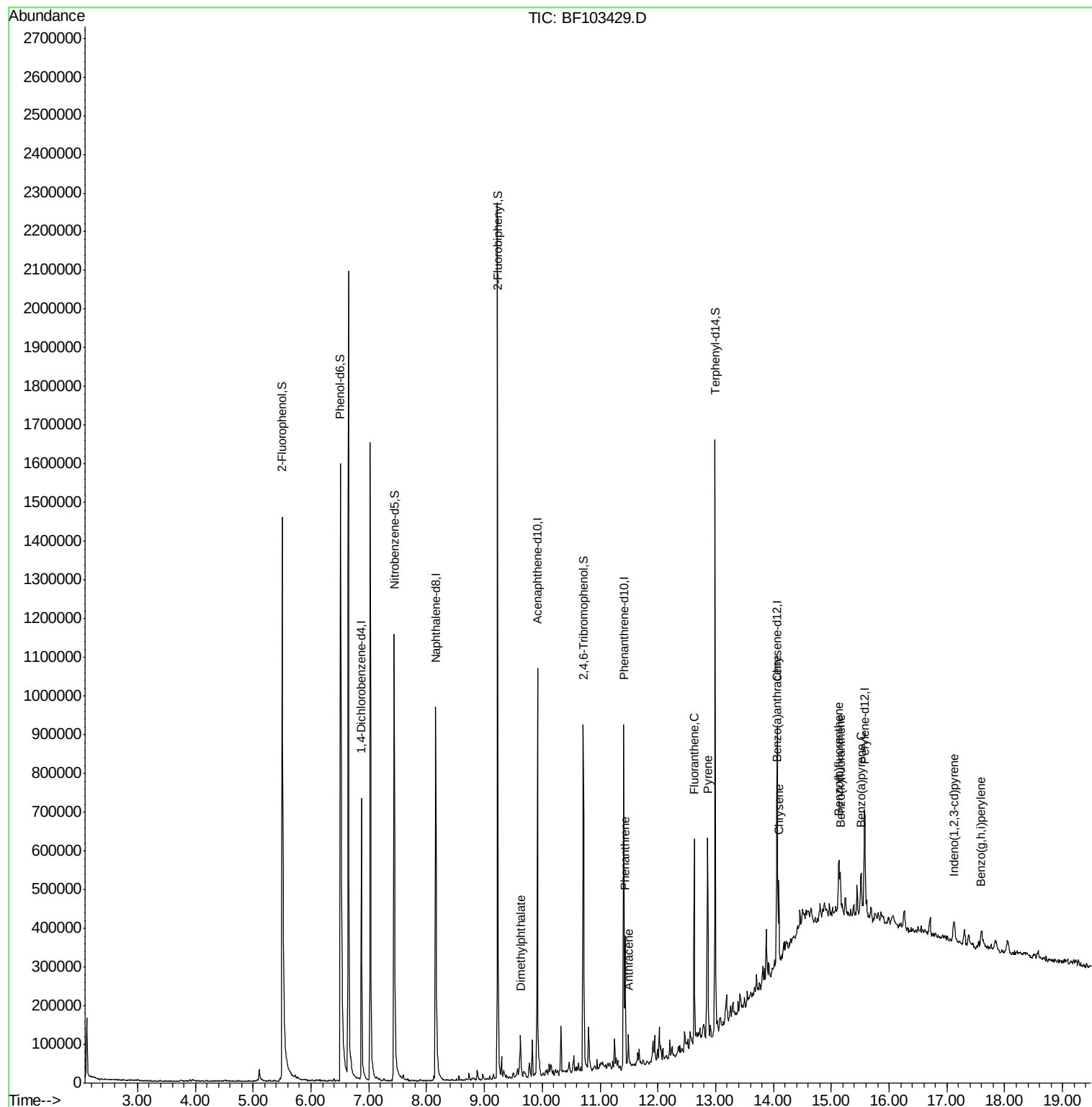
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103429.D
Acq On : 6 Mar 2018 00:27
Operator : SJ/JU
Sample : J1723-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

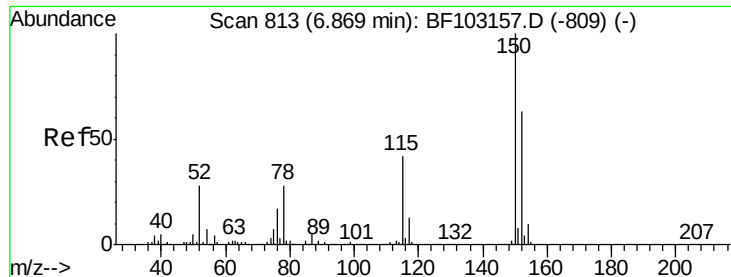
Instrument :
BNA_F
ClientSampleId :
SP-23

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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Response via : Initial Calibration





#1

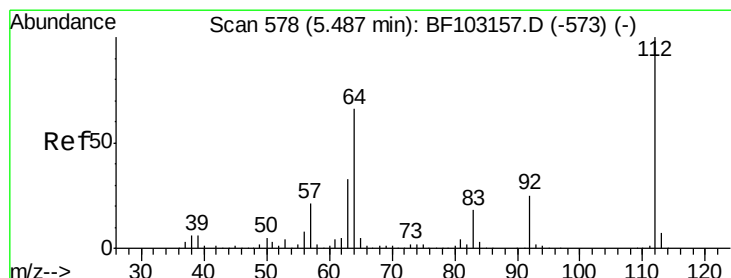
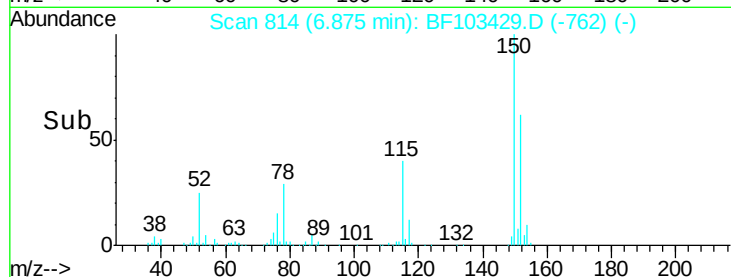
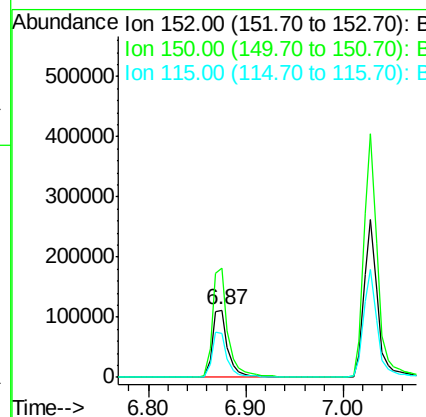
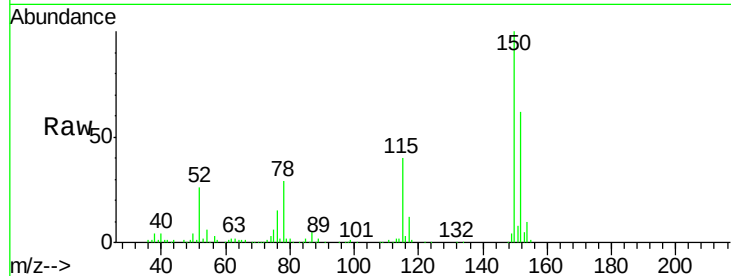
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	64.7	50.1	75.1

Manual Integrations
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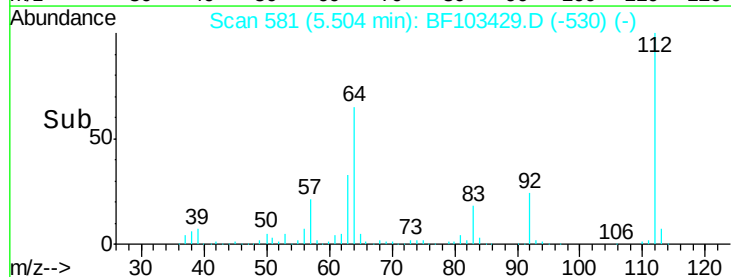
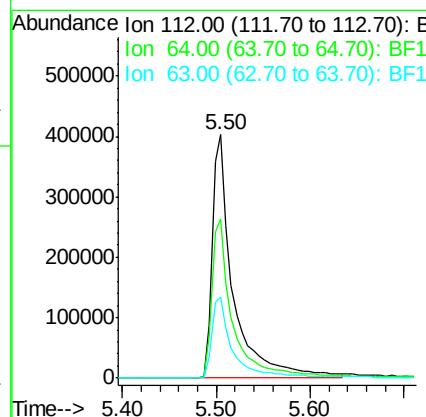
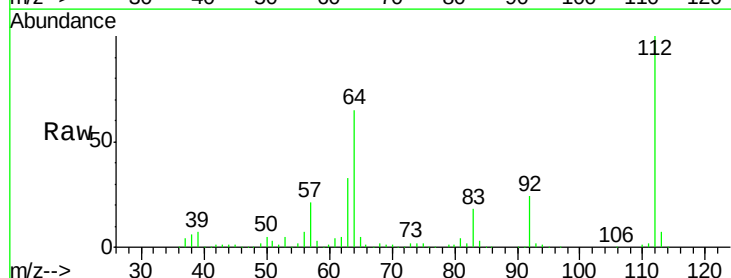
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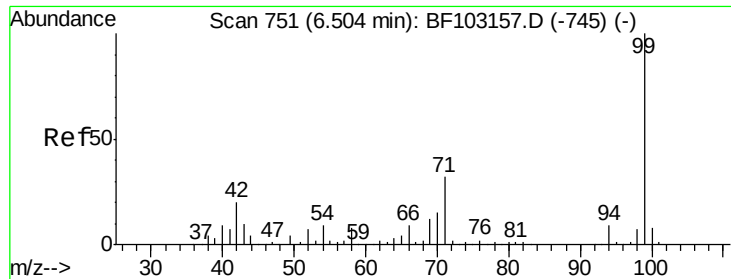


#5

2-Fluorophenol
Concen: 75.749 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 77.916 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103429.D

Acq: 6 Mar 2018 00:27

Instrument :

BNA_F

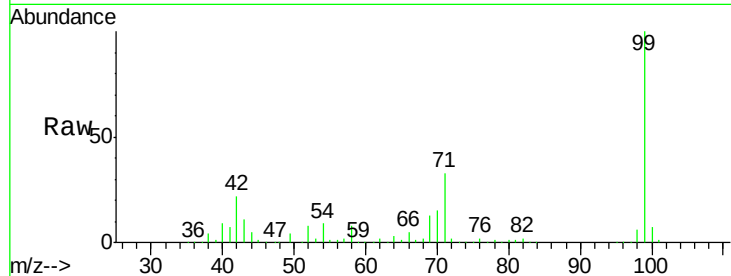
ClientSampled :

SP-23

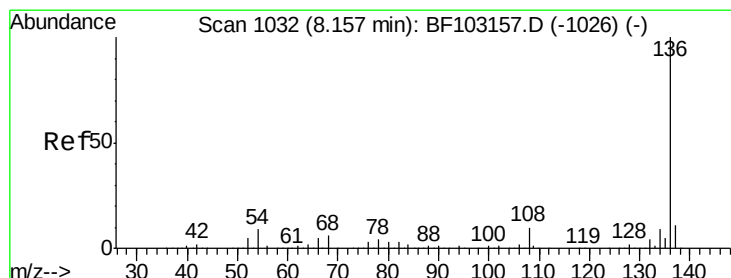
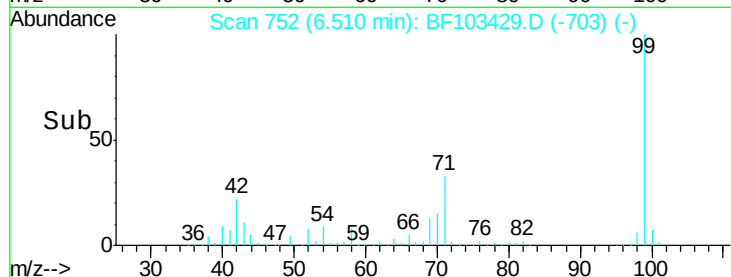
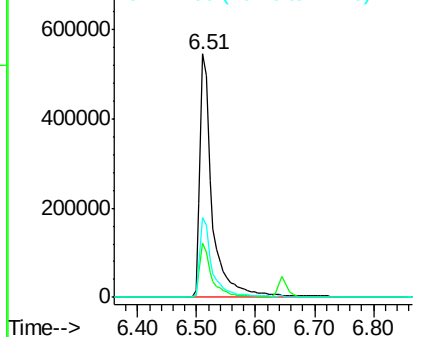
Tot Ion:	99	Resp:	790282
Ion Ratio	Lower	Upper	
99	100		
42	22.2	14.5	21.7#
71	33.0	25.4	38.0

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

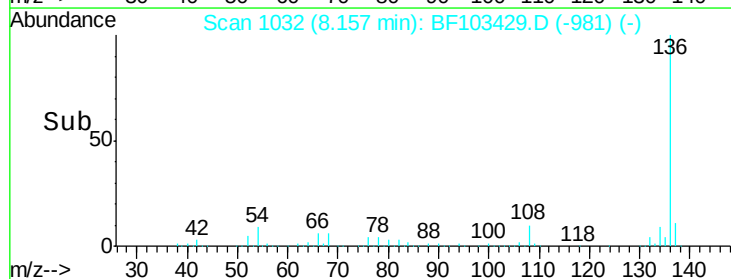
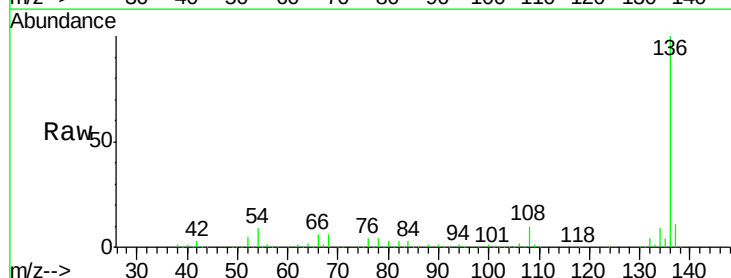
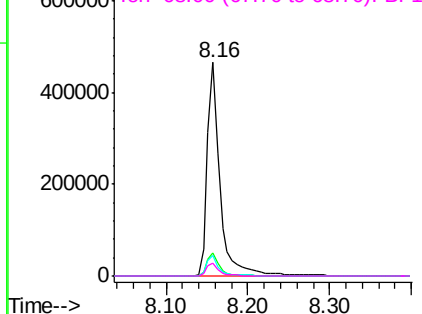
Delta R.T. 0.00 min

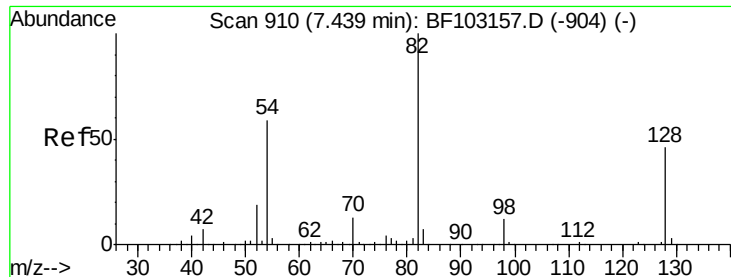
Lab File: BF103429.D

Acq: 6 Mar 2018 00:27

Tgt Ion:	136	Resp:	507843
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.3	5.0	7.4

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





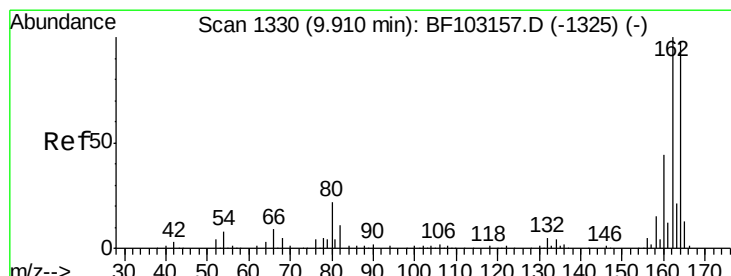
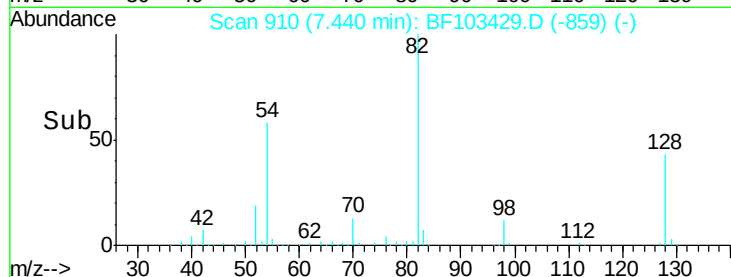
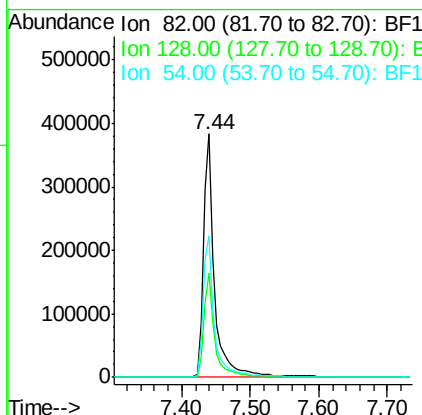
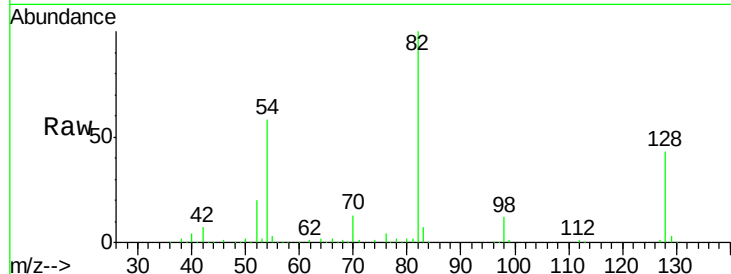
#23
 Nitrobenzene-d5
 Concen: 50.412 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103429.D
 Acq: 6 Mar 2018 00:27

Instrument :
 BNA_F
 ClientSampled :
 SP-23

Tot Ion	Ratio	Resp	Lower	Upper
82	100	448291		
128	42.8	36.1	54.1	
54	58.2	41.4	62.2	

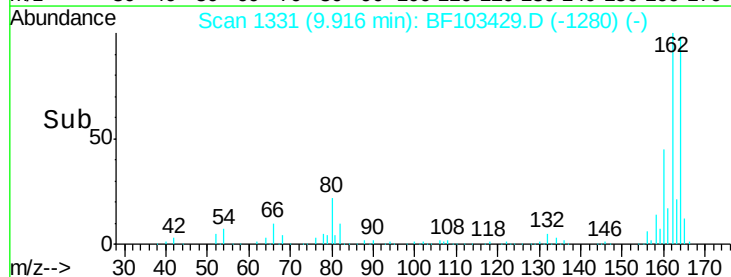
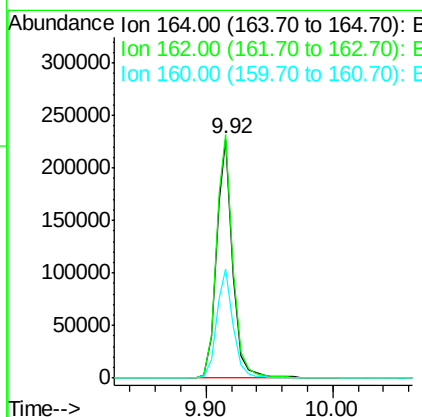
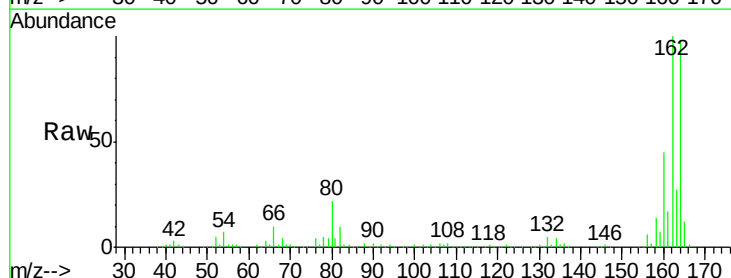
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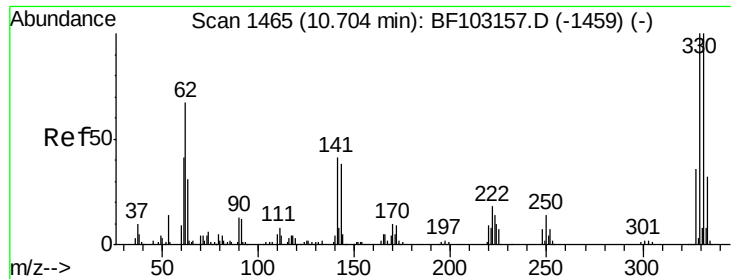
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103429.D
 Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204577		
162	101.9	86.1	129.1	
160	45.6	38.3	57.5	





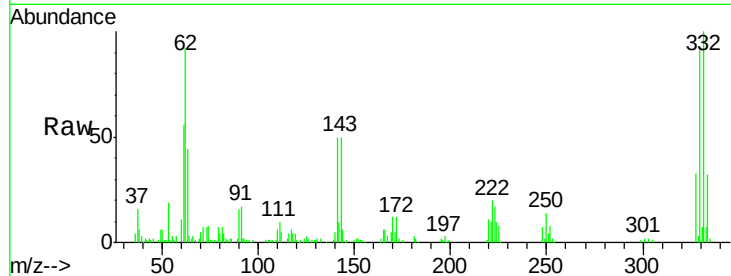
#41
 2,4,6-Tribromophenol
 Concen: 51.774 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103429.D
 Acq: 6 Mar 2018 00:27

Instrument :
 BNA_F
 ClientSampled :
 SP-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.9	77.0	115.6
141	52.3	29.9	44.9

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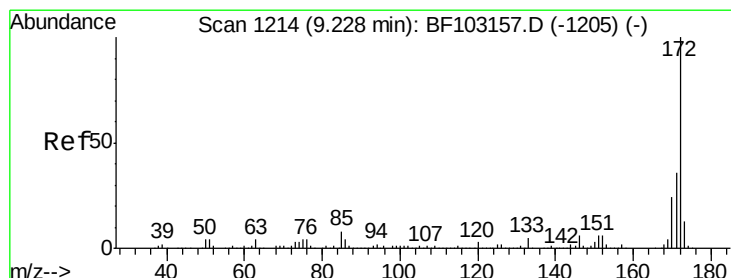
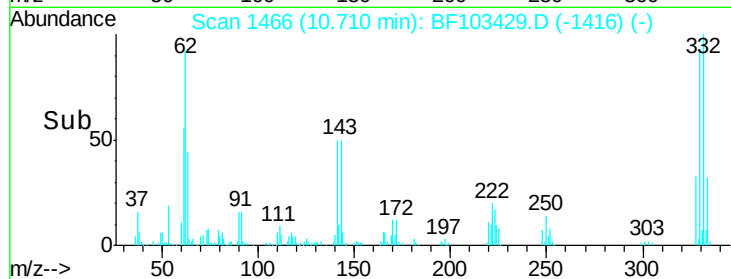
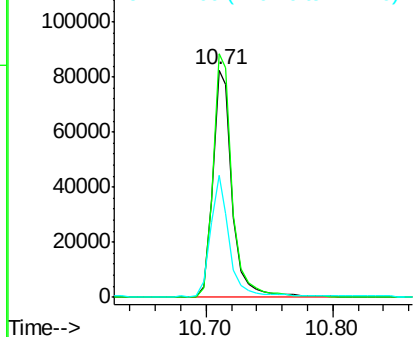


Abundance

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: 51.691 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103429.D
 Acq: 6 Mar 2018 00:27

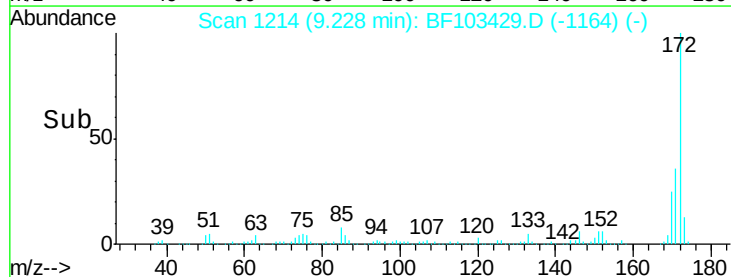
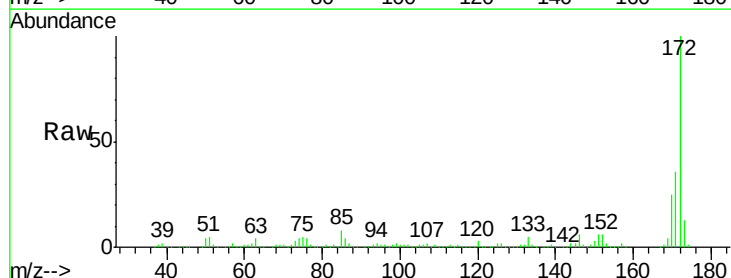
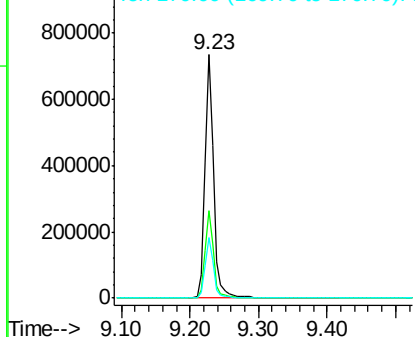
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.7	19.6	29.4

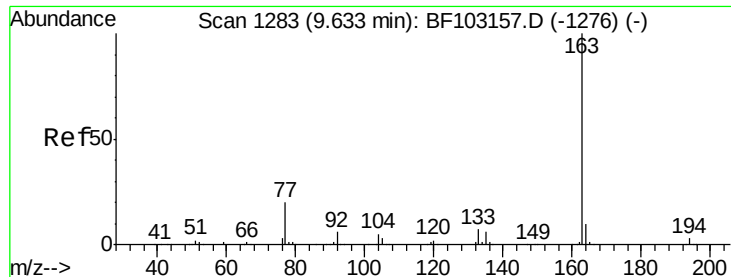
Abundance

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





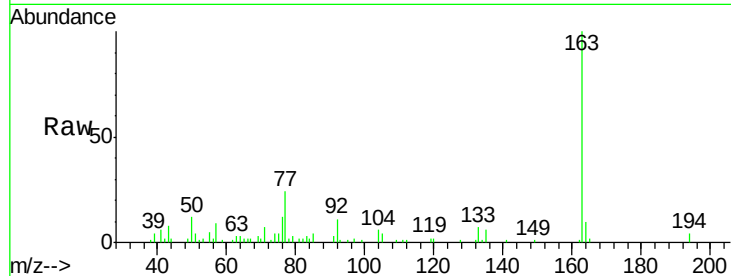
#49
Dimethylphthalate
Concen: 2.495 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

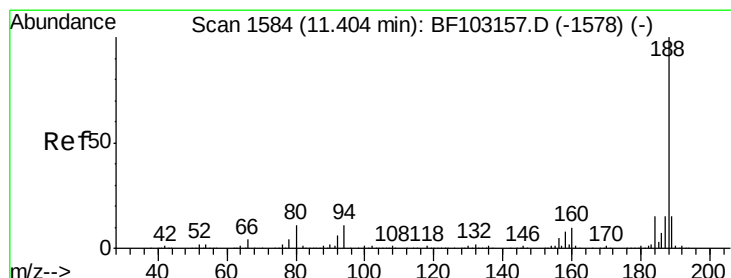
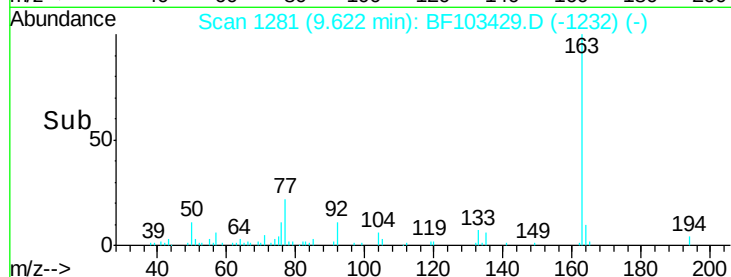
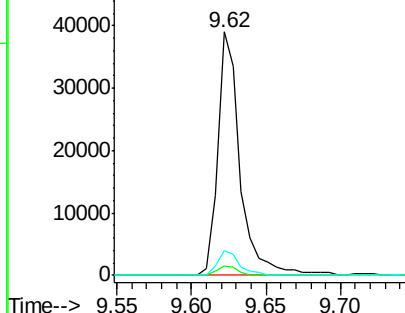
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

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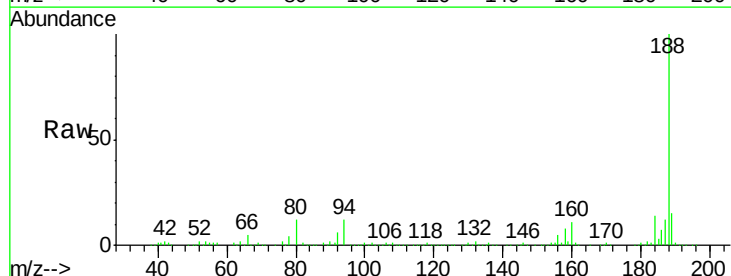


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

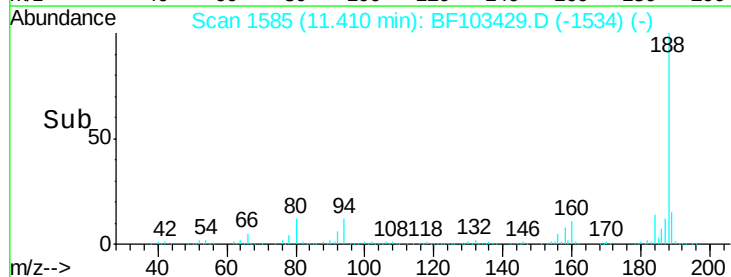
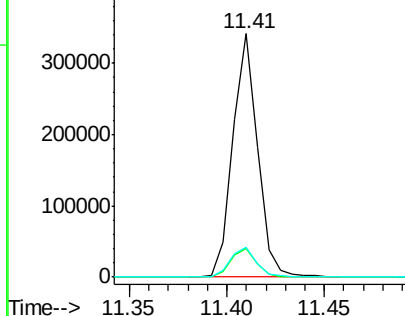


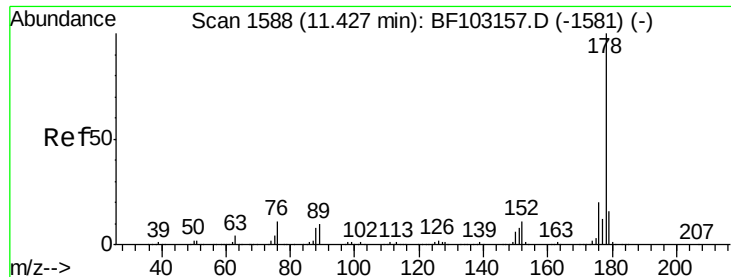
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.4	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





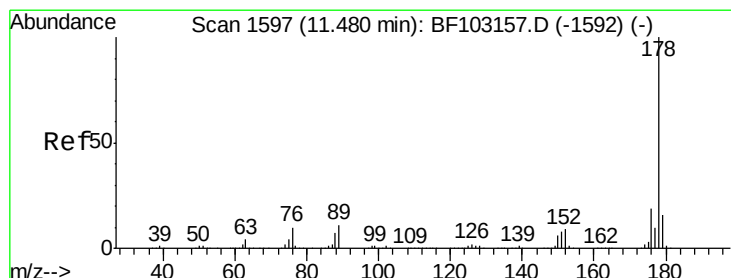
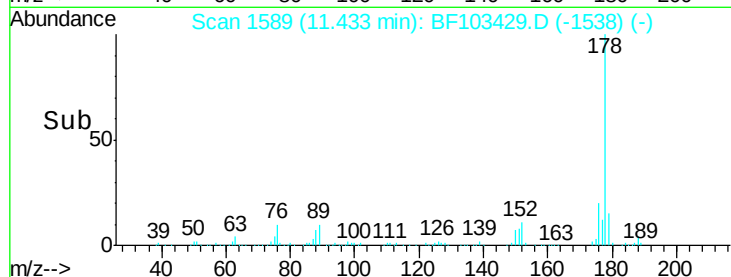
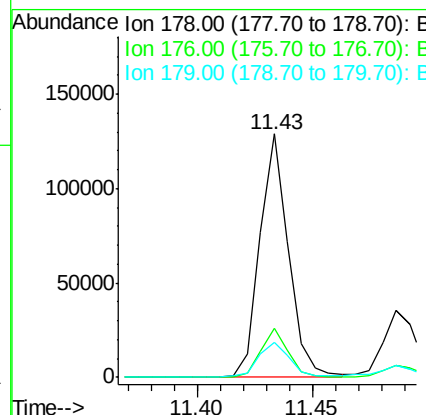
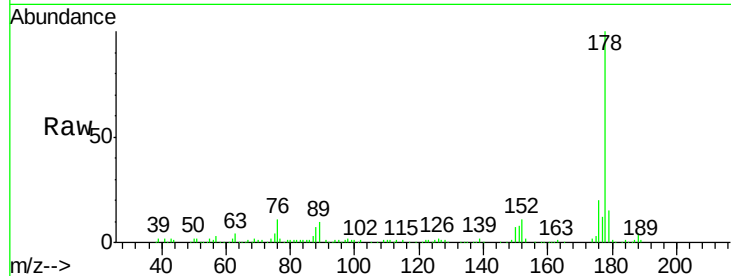
#70
Phenanthrene
Concen: 6.735 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	14.6	13.0	19.6

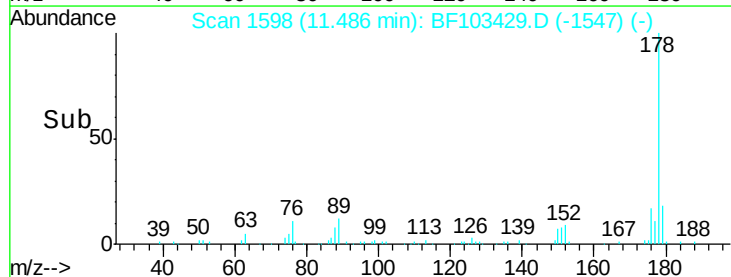
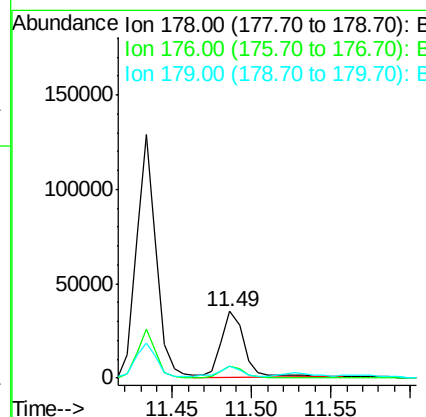
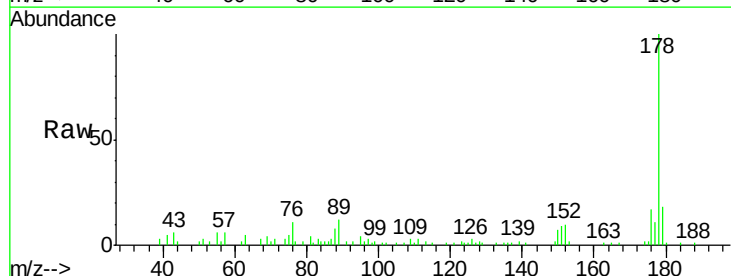
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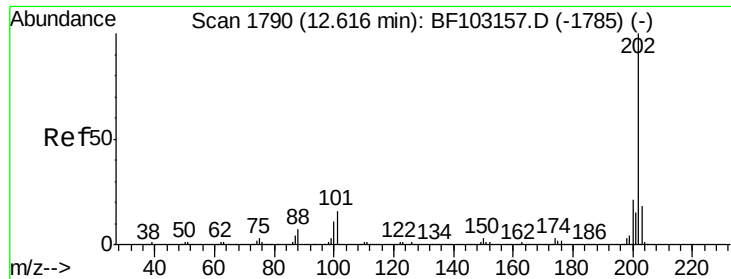
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#71
Anthracene
Concen: 2.122 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.4	23.2
179	17.8	12.6	19.0





#74

Fluoranthene

Concen: 12.222 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103429.D

Acq: 6 Mar 2018 00:27

Instrument :

BNA_F

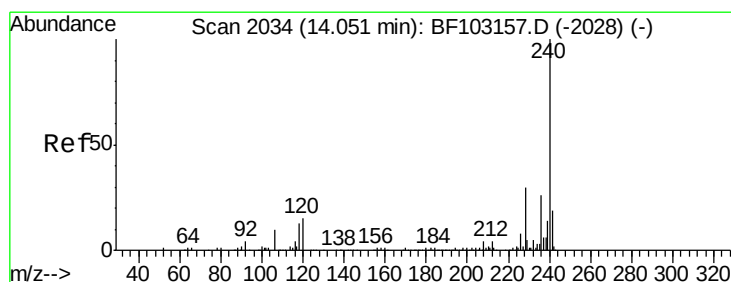
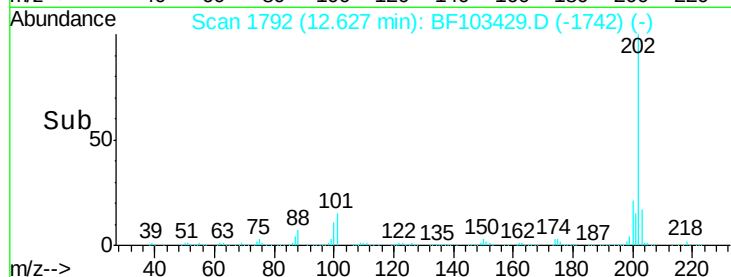
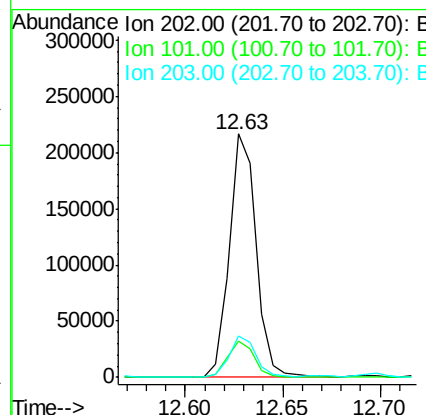
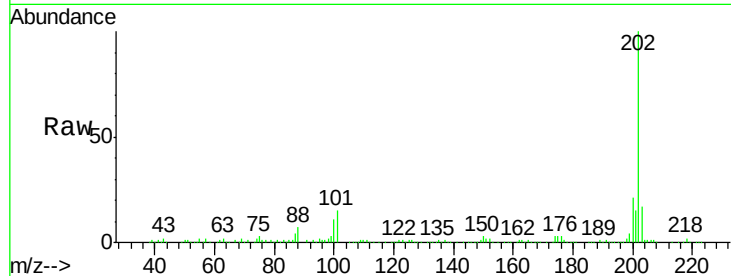
ClientSampled :

SP-23

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

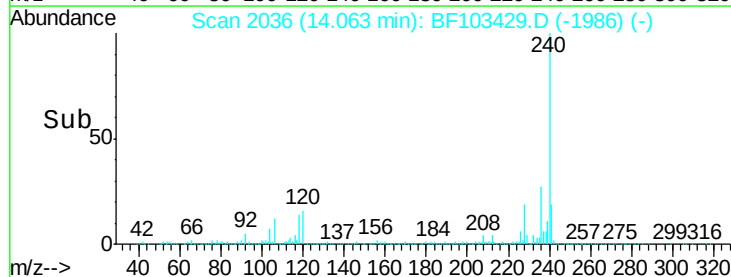
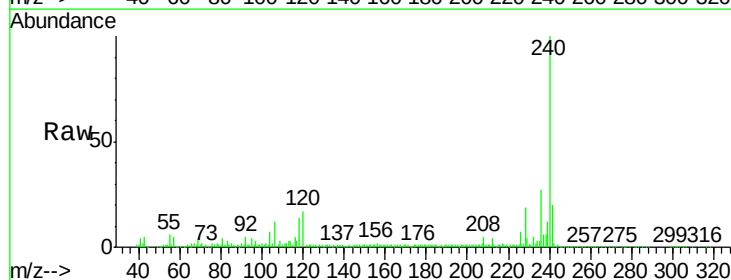
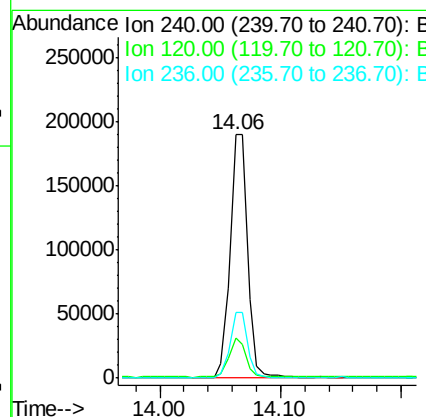
RT: 14.06 min Scan# 2036

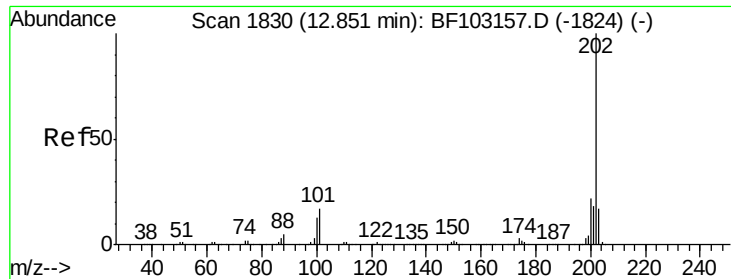
Delta R.T. -0.01 min

Lab File: BF103429.D

Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.7	9.5	14.3#
236	26.9	20.7	31.1





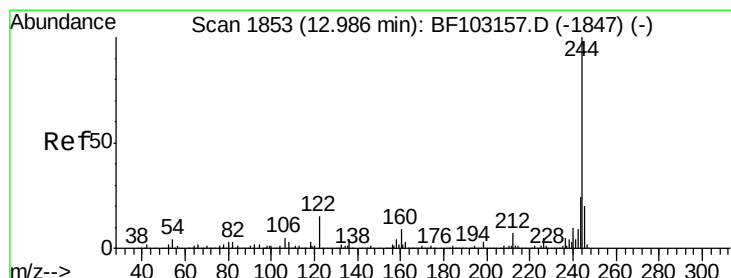
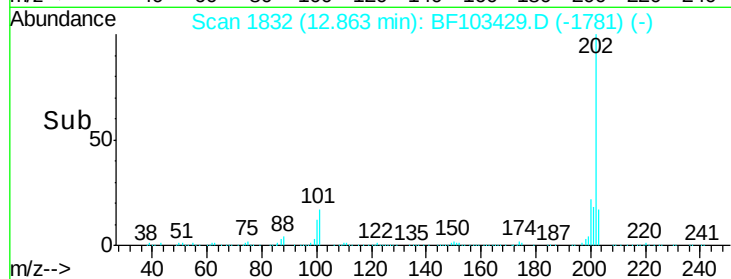
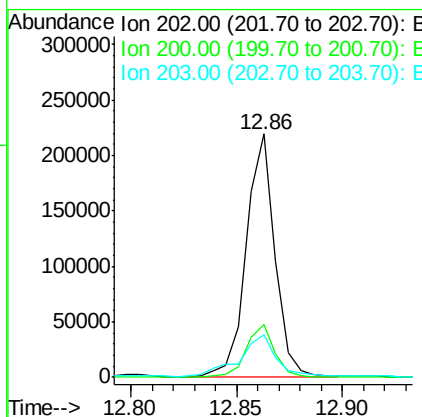
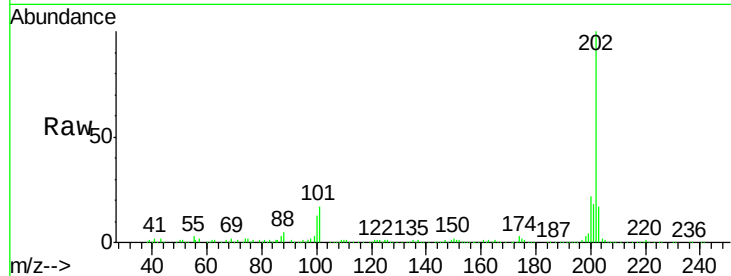
#77
Pvrene
Concen: 13.727 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

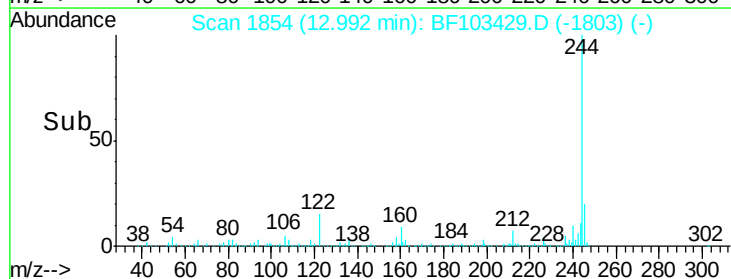
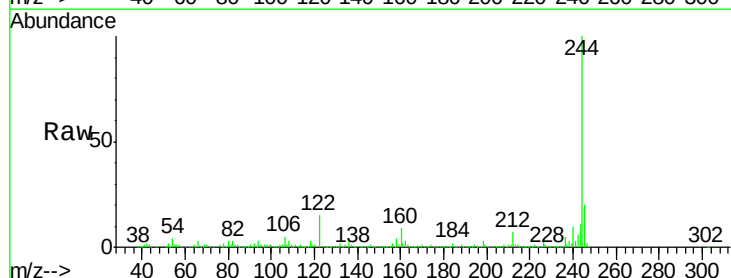
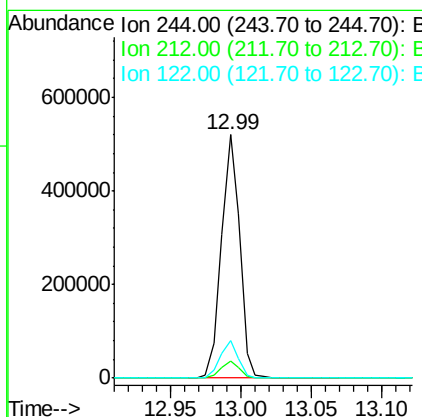
Manual Integrations
APPROVED

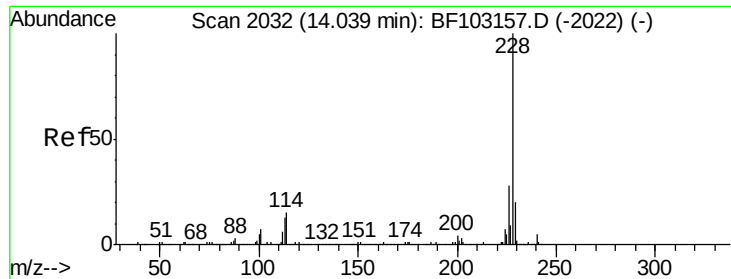
Sohil
3/6/2018 4:23:49 PM



#78
Terphenyl-d14
Concen: 58.573 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.4	11.0	16.4





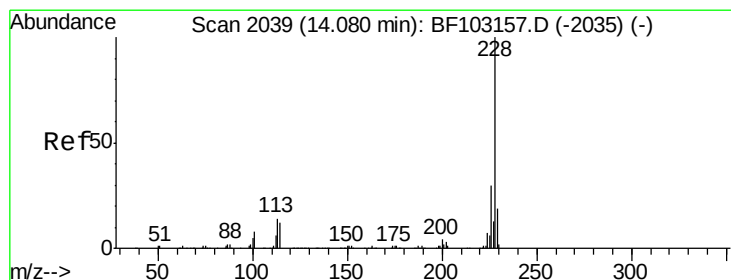
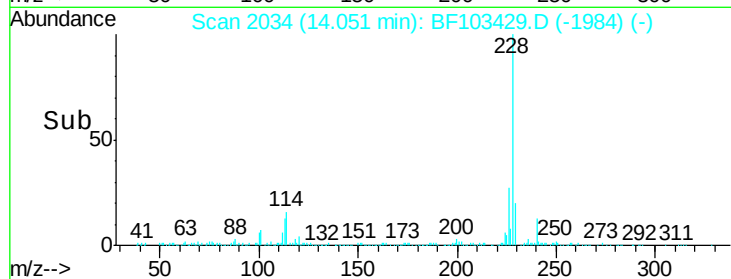
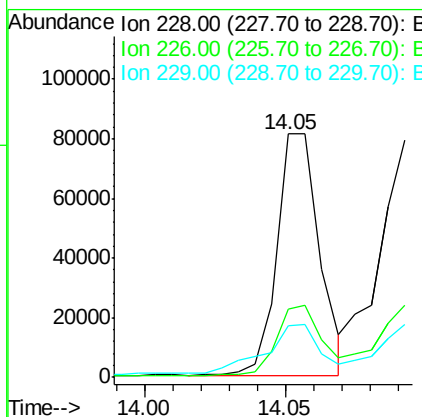
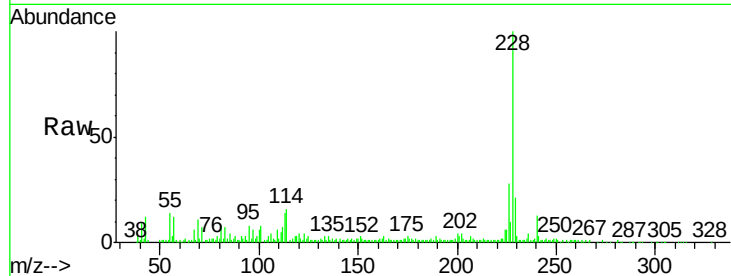
#80
Benzo(a)anthracene
Concen: 6.853 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.0	15.8	23.6

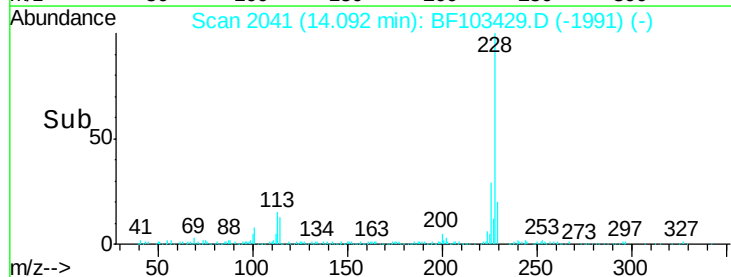
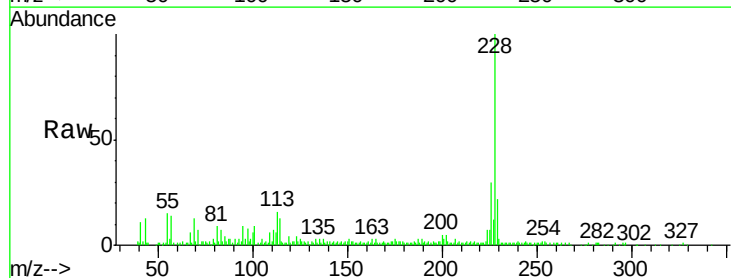
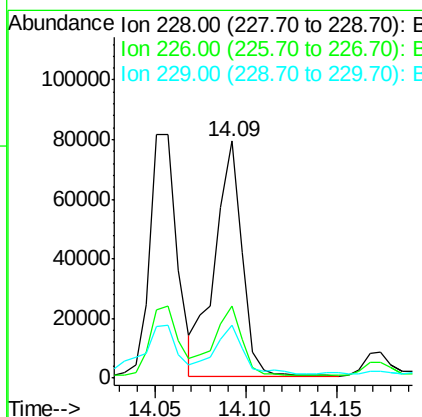
Manual Integrations
APPROVED

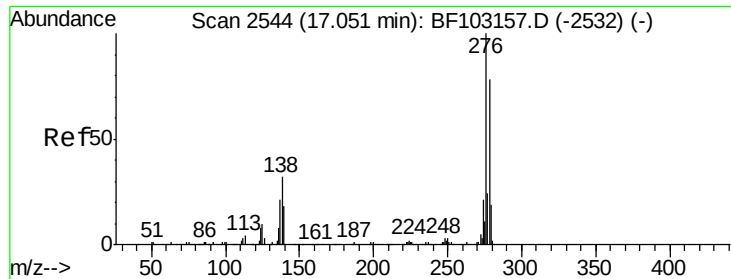
Sohil
3/6/2018 4:23:49 PM



#82
Chrysene
Concen: 6.851 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.2	16.2	24.4





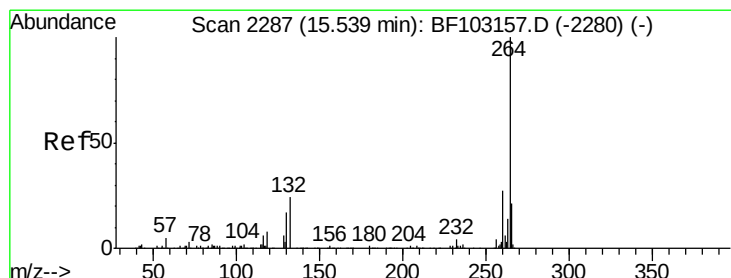
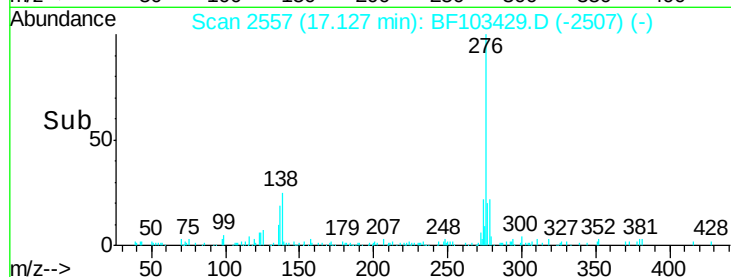
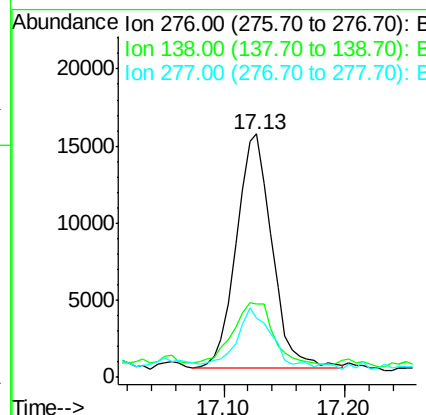
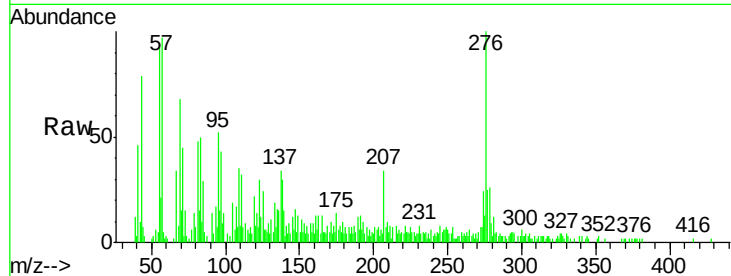
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.236 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampleId :
SP-23

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	27.3	20.1	30.1

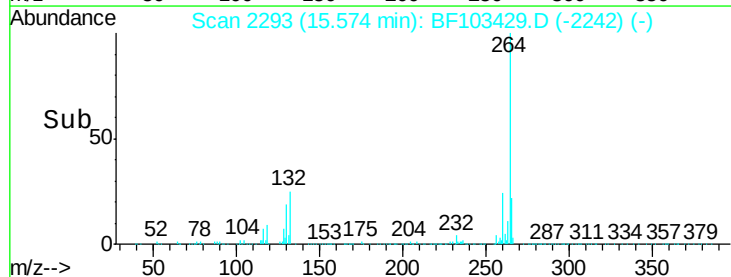
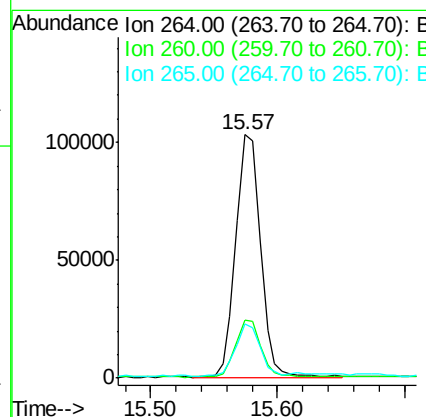
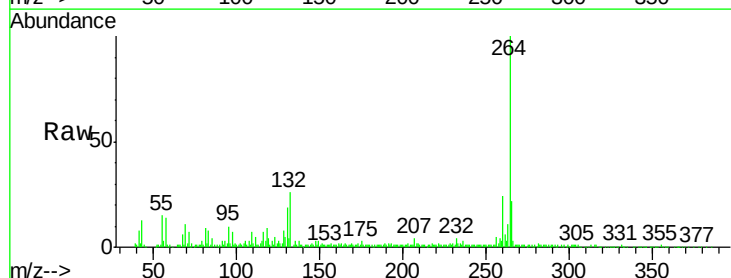
Manual Integrations
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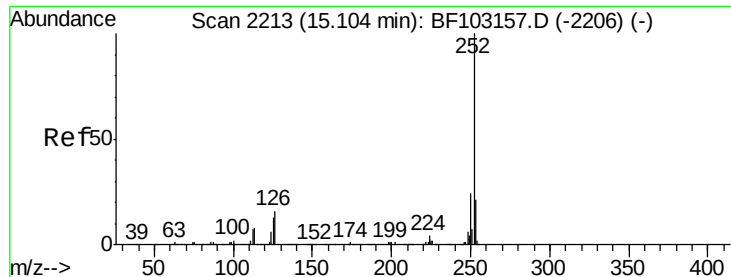
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





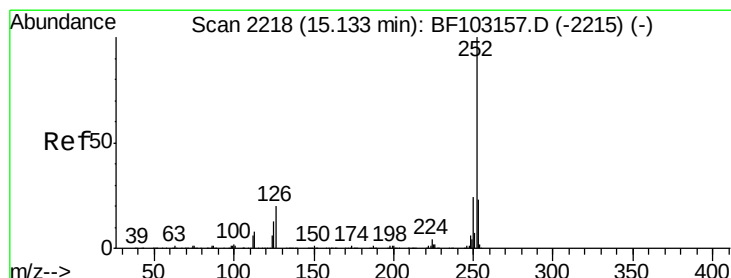
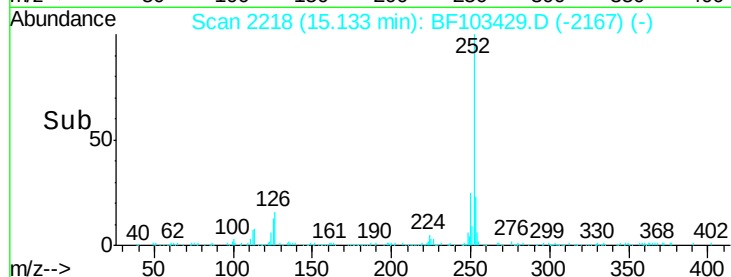
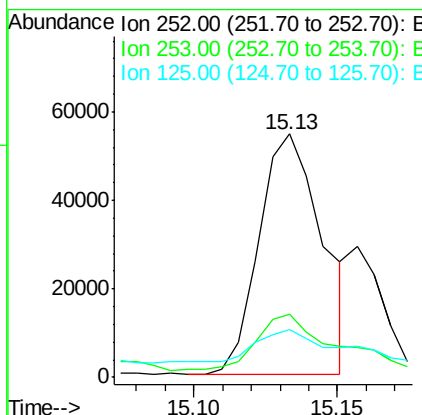
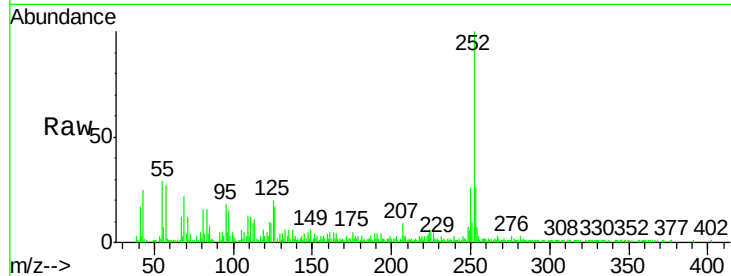
#87
Benzo(b)fluoranthene
Concen: 9.142 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampleId :
SP-23

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	19.5	9.0	13.6#

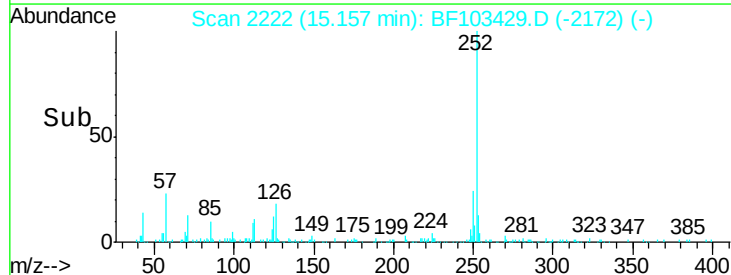
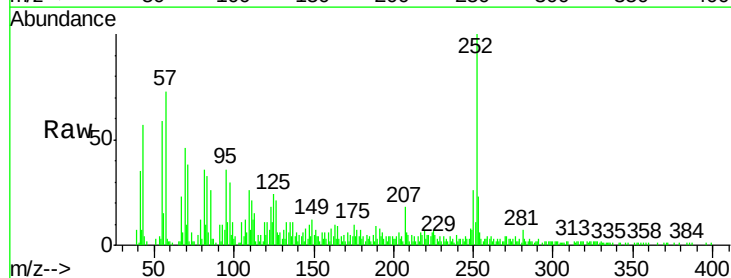
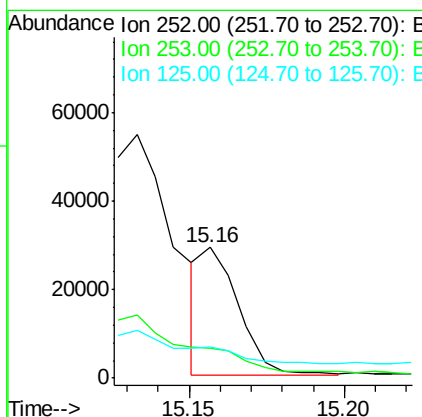
Manual Integrations
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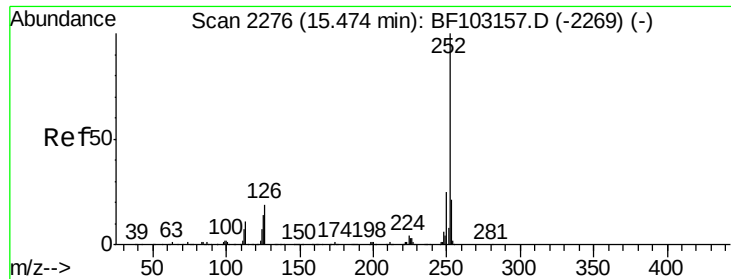
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.792 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	24.0	10.2	15.2#





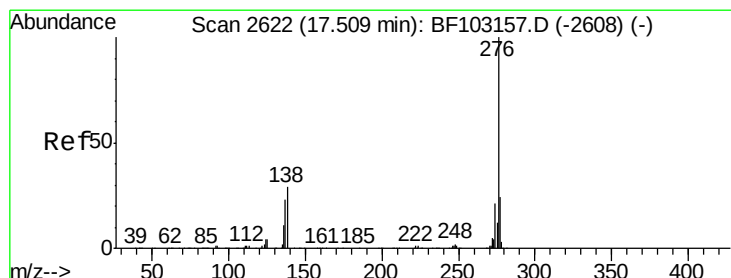
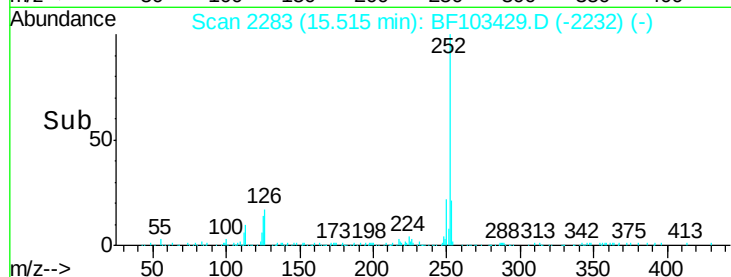
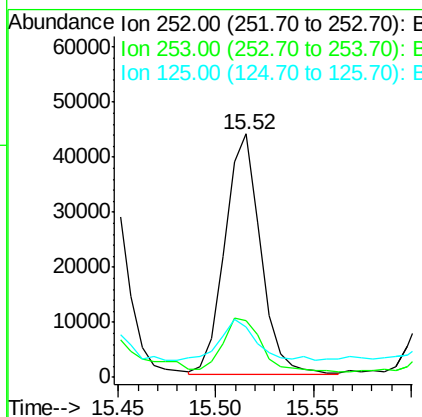
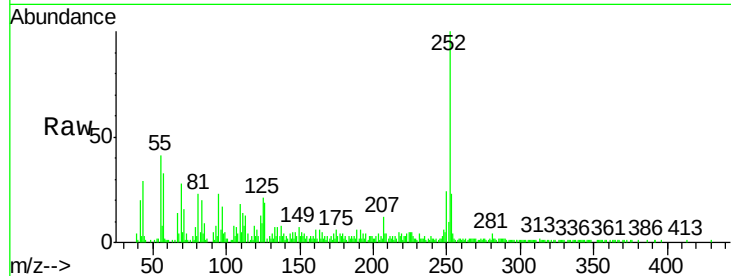
#89
Benzo(a)pyrene
Concen: 6.760 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Instrument :
BNA_F
ClientSampled :
SP-23

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	20.9	9.8	14.6

Manual Integrations
APPROVED

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3/6/2018 4:23:49 PM



#91
Benzo(g,h,i)perylene
Concen: 4.958 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103429.D
Acq: 6 Mar 2018 00:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.1	17.9	26.9
138	38.0	21.8	32.8

