

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103464.D
 Acq On : 6 Mar 2018 19:16
 Operator : SJ/JU
 Sample : J1722-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-18

Manual Integrations
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Sohil
 3/7/2018 12:17:07 PM

Quant Time: Mar 07 00:56:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150767	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	662412	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	282638	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	438240	20.00	ng	0.00
75) Chrysene-d12	14.06	240	279374	20.00	ng	0.00
86) Perylene-d12	15.58	264	234968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	868025	87.08	ng	0.00
7) Phenol-d6	6.51	99	1071616	87.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	642429	55.39	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	130150	54.40	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	871053	47.49	ng	0.00
78) Terphenyl-d14	12.99	244	565371	48.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	53834	2.374	ng	100
70) Phenanthrene	11.43	178	246883	10.237	ng	98
71) Anthracene	11.49	178	80456	3.253	ng	99
74) Fluoranthene	12.63	202	313975	12.955	ng	99
77) Pyrene	12.86	202	283757	13.027	ng	99
80) Benzo(a)anthracene	14.05	228	122247	6.744	ng	98
82) Chrysene	14.09	228	110564	6.282	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	40944	2.938	ng	97
87) Benzo(b)fluoranthene	15.13	252	115396m	7.470	ng	
88) Benzo(k)fluoranthene	15.16	252	41200m	2.832	ng	
89) Benzo(a)pyrene	15.52	252	83007	6.017	ng	# 92
91) Benzo(a,h,i)perylene	17.60	276	38235	3.670	ng	92

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

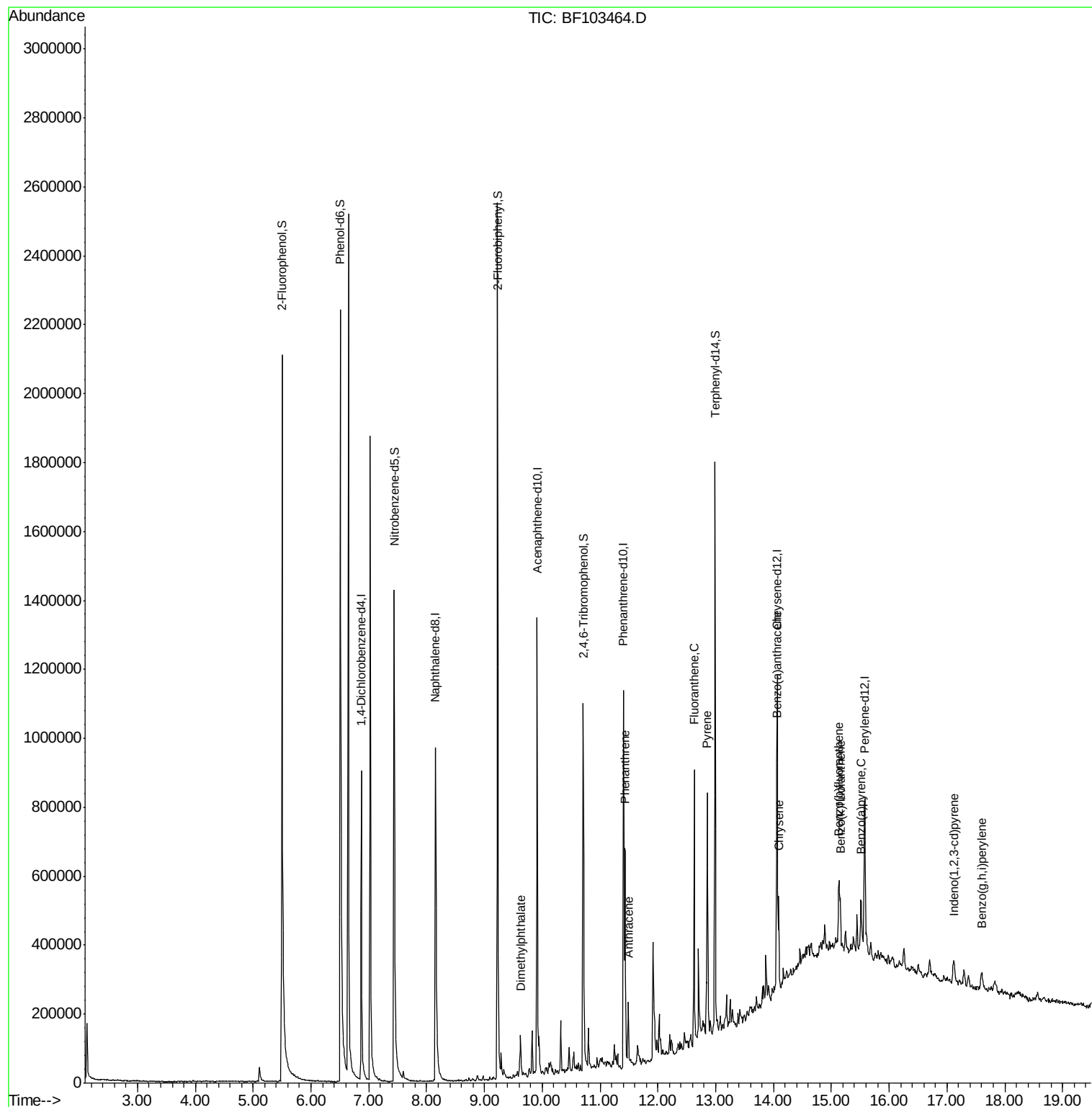
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103464.D
Acq On : 6 Mar 2018 19:16
Operator : SJ/JU
Sample : J1722-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

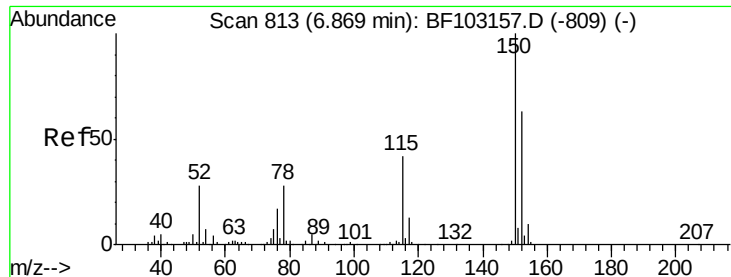
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Mar 07 00:56:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

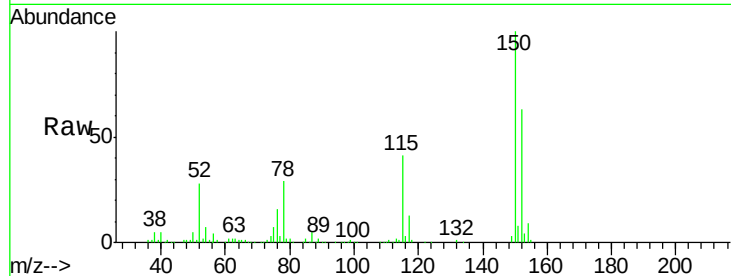
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampled :
SP-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	64.8	50.1	75.1

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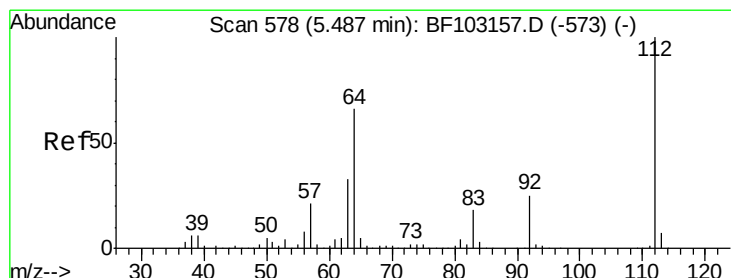
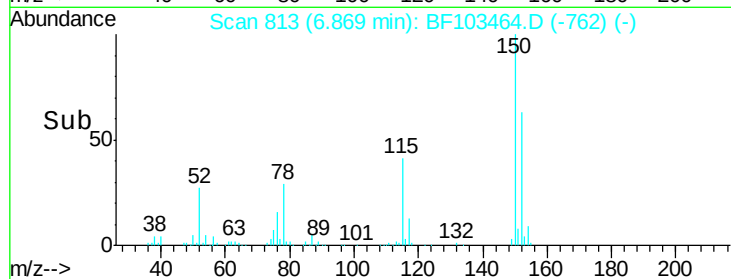
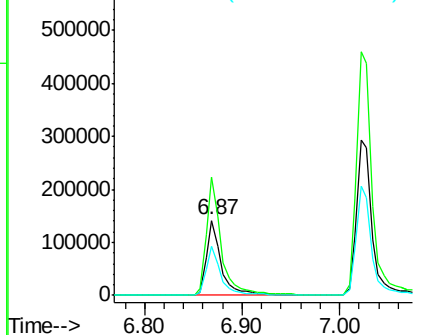


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

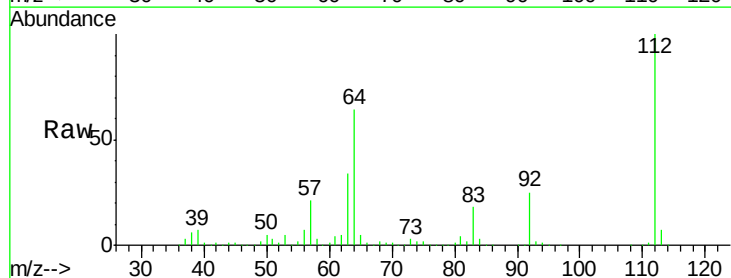
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.076 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	33.5	23.7	35.5

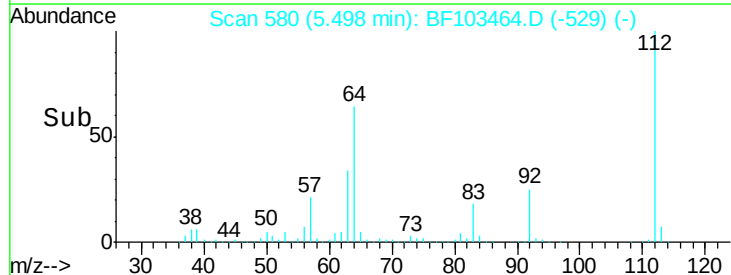
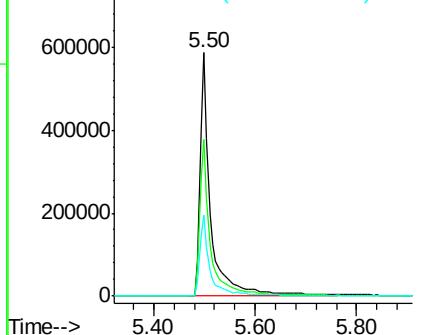


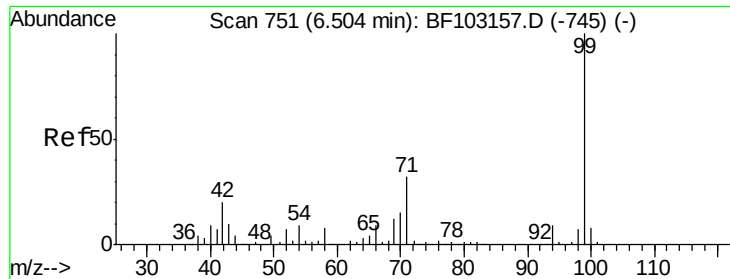
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.852 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103464.D

Acq: 6 Mar 2018 19:16

Instrument :

BNA_F

ClientSampled :

SP-18

Tot Ion: 99 Resp: 1071616

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

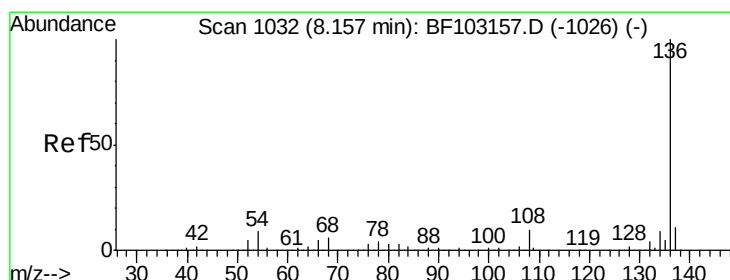
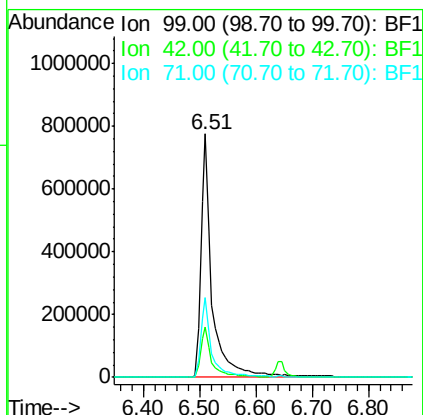
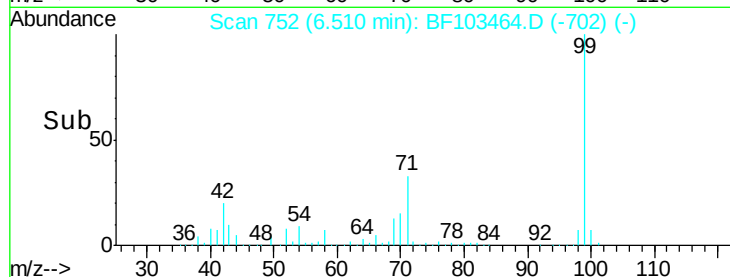
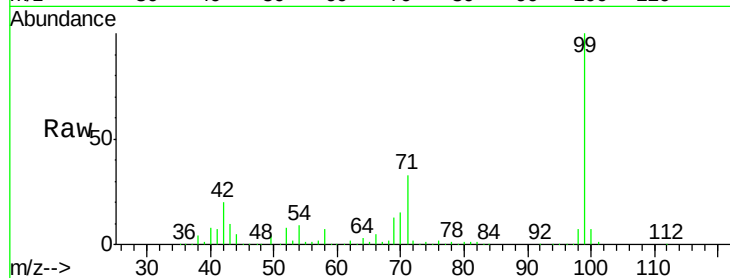
71 32.6 25.4 38.0

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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: BF103464.D

Acq: 6 Mar 2018 19:16

Tgt Ion: 136 Resp: 662412

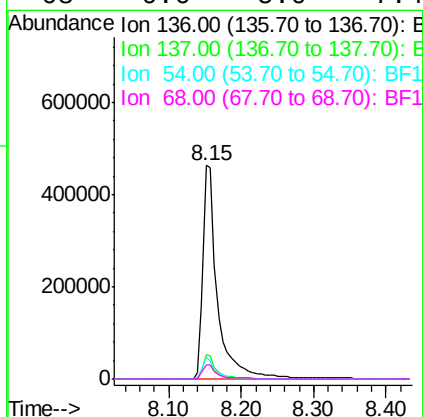
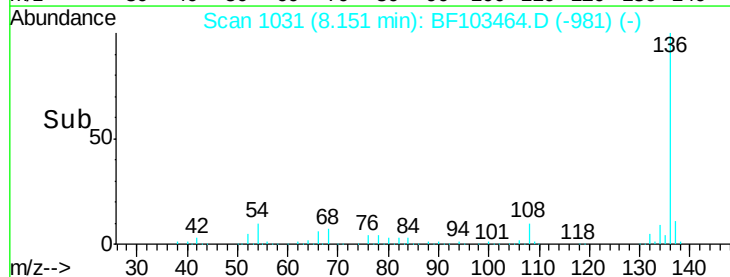
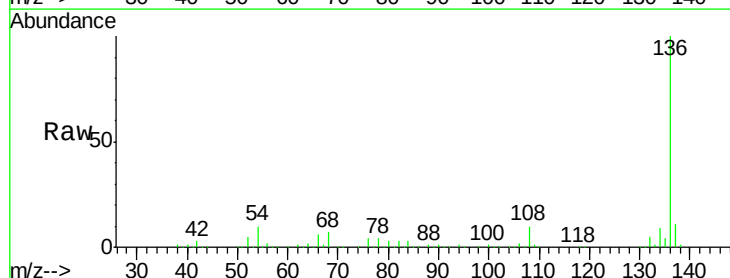
Ion Ratio Lower Upper

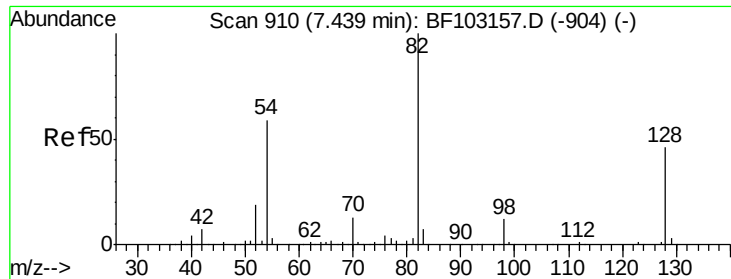
136 100

137 11.4 8.9 13.3

54 9.9 6.6 9.8#

68 6.6 5.0 7.4





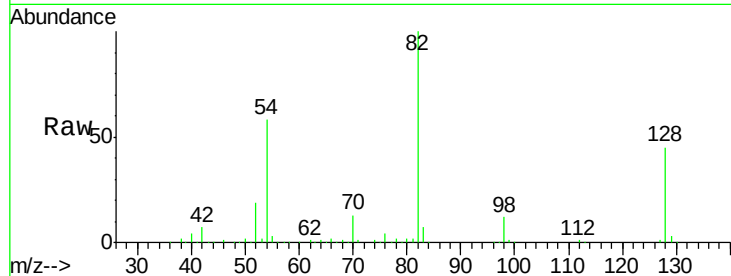
#23
 Nitrobenzene-d5
 Concen: 55.386 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103464.D
 Acq: 6 Mar 2018 19:16

Instrument :
 BNA_F
 ClientSampled :
 SP-18

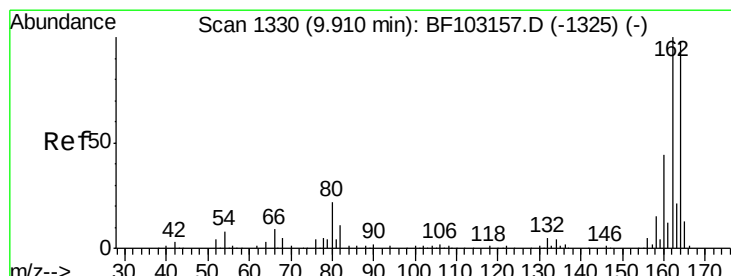
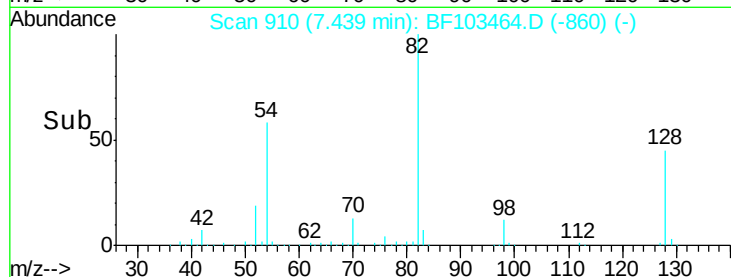
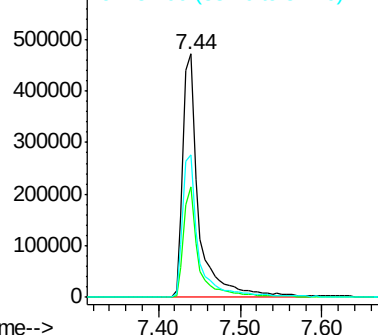
Tot Ion	82	Resp	642429
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	58.4	41.4	62.2

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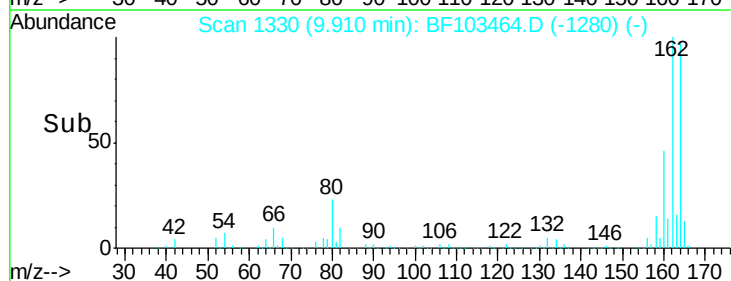
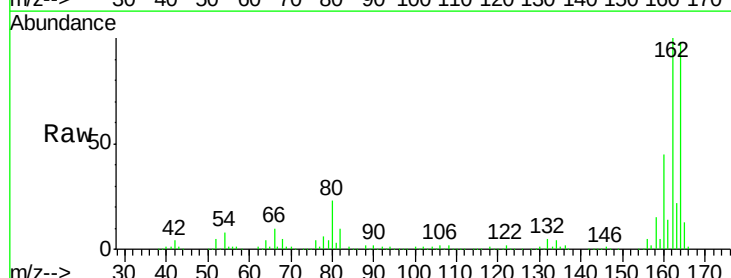
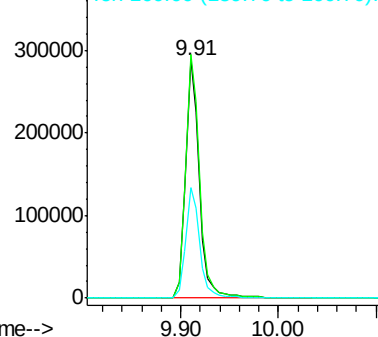
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

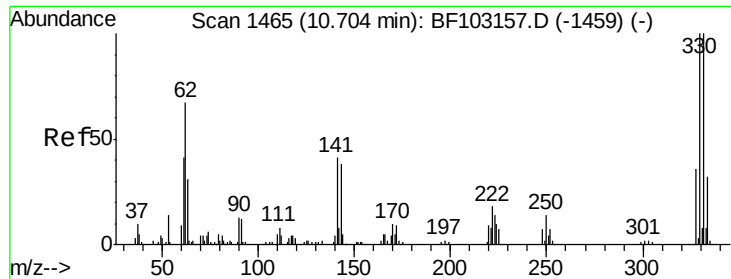


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103464.D
 Acq: 6 Mar 2018 19:16

Tgt Ion	164	Resp	282638
Ion Ratio	100	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





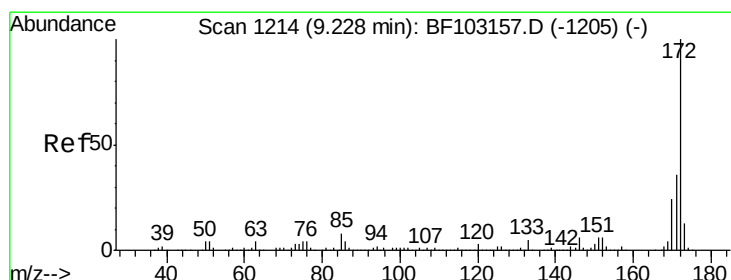
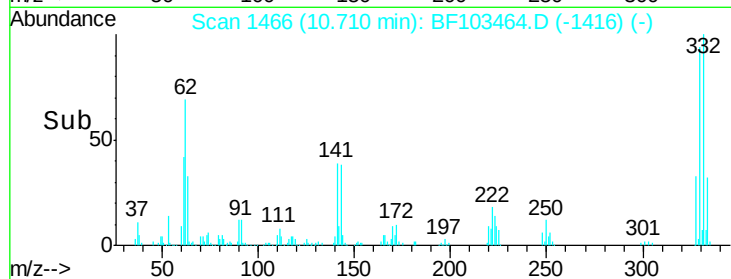
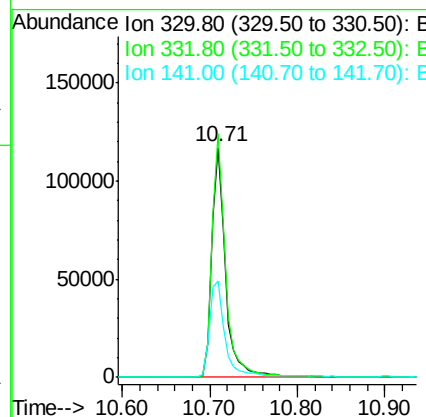
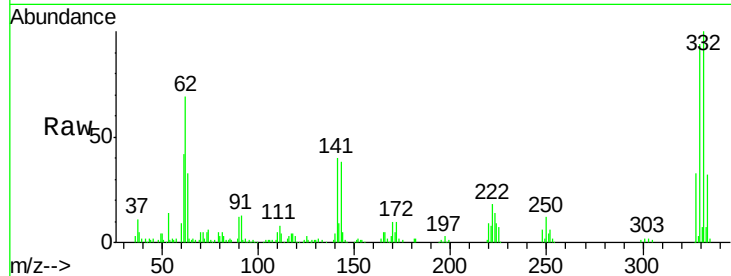
#41
 2,4,6-Tribromophenol
 Concen: 54.402 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103464.D
 Acq: 6 Mar 2018 19:16

Instrument :
 BNA_F
 ClientSampled :
 SP-18

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.6	77.0	115.6	
141	46.9	29.9	44.9	

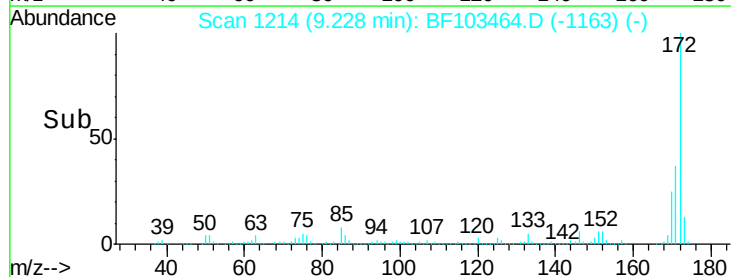
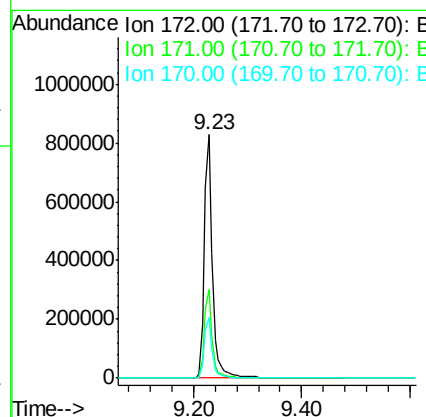
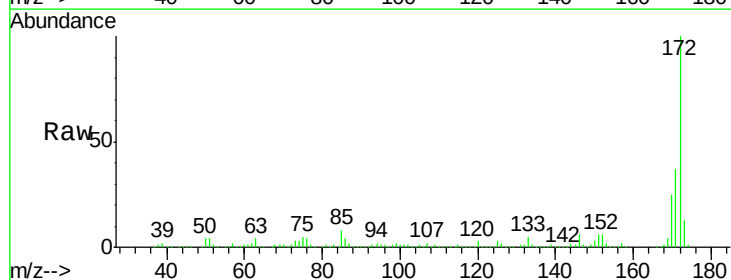
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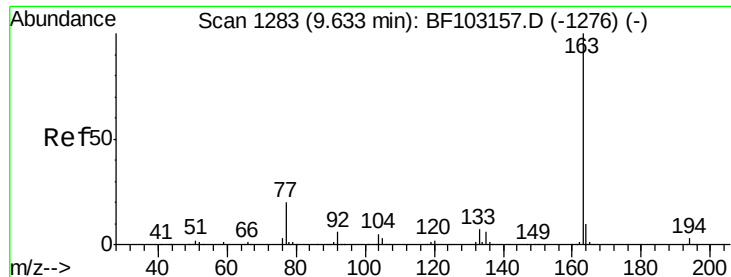
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#44
 2-Fluorobiphenyl
 Concen: 47.494 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103464.D
 Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.9	19.6	29.4	





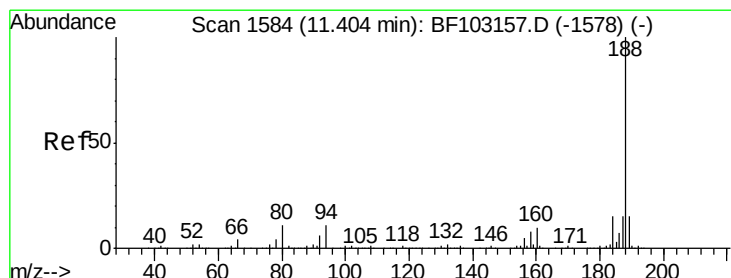
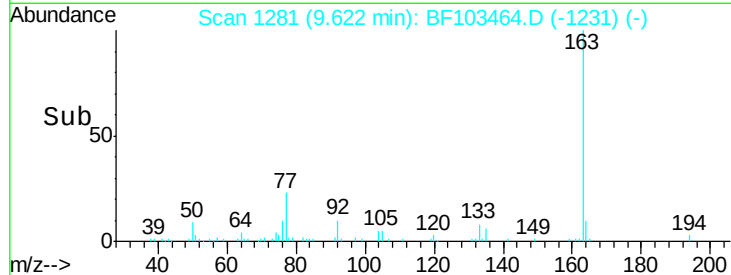
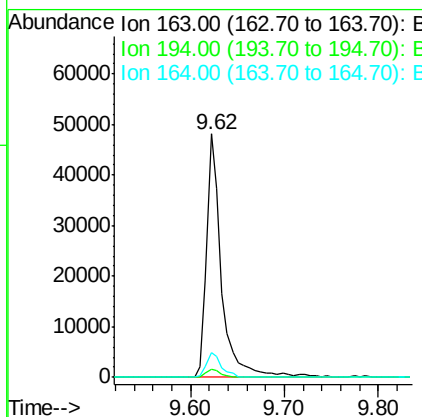
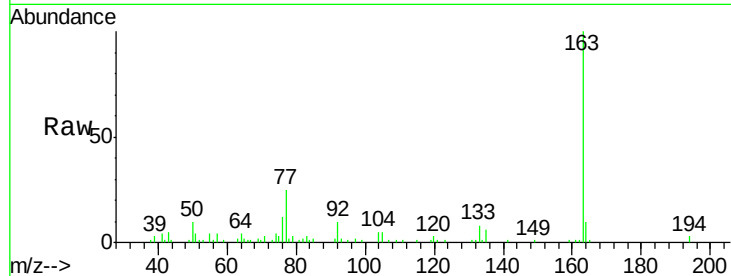
#49
Dimethylphthalate
Concen: 2.374 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampled :
SP-18

Tot Ion:163 Resp: 53834
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

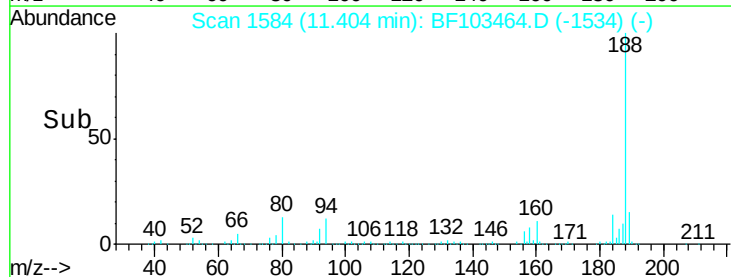
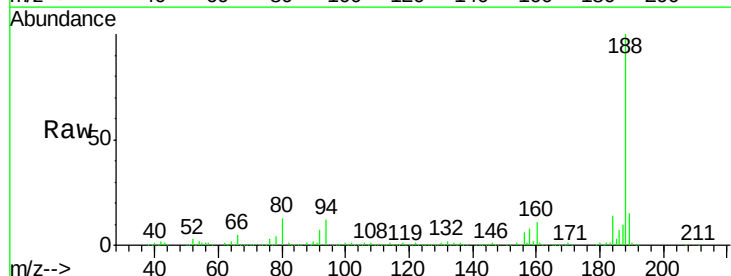
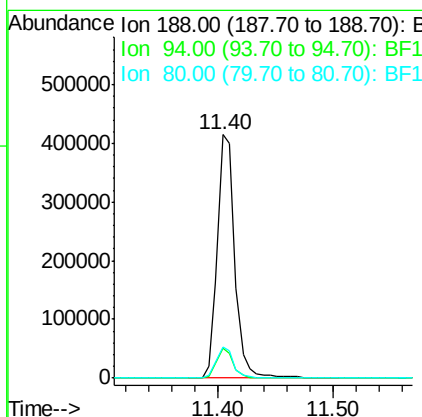
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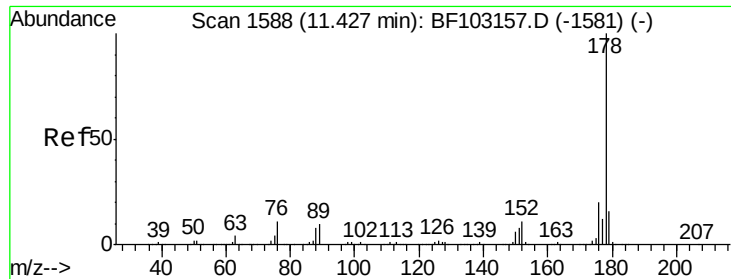
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion:188 Resp: 438240
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.9 9.2 13.8





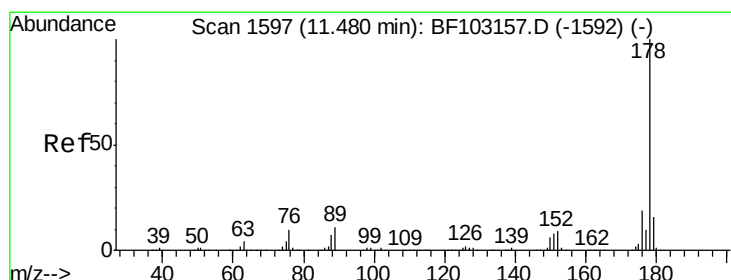
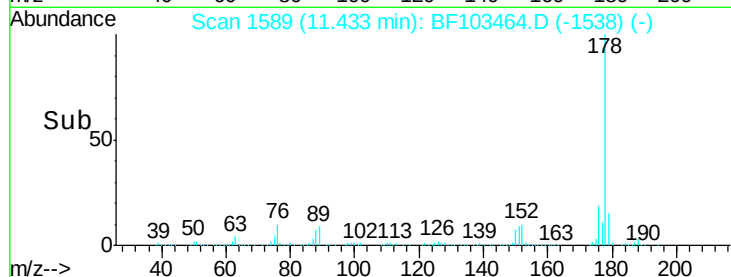
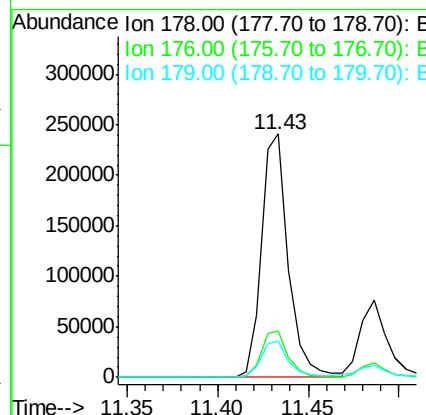
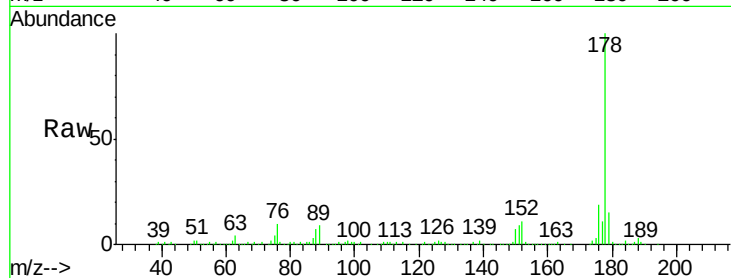
#70
Phenanthrene
Concen: 10.237 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampled :
SP-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6

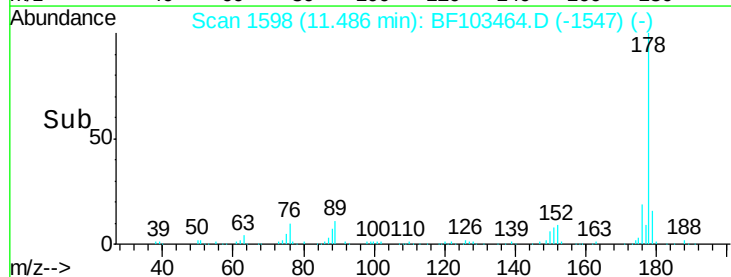
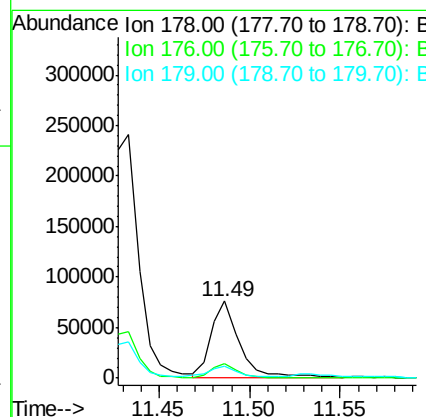
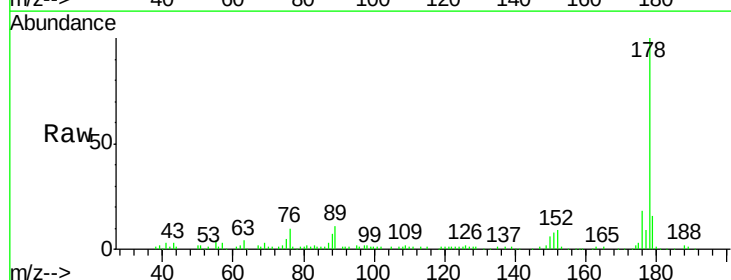
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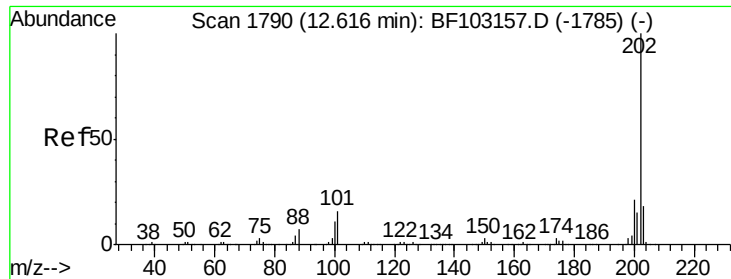
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#71
Anthracene
Concen: 3.253 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	16.0	12.6	19.0





#74

Fluoranthene

Concen: 12.955 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103464.D

Acq: 6 Mar 2018 19:16

Instrument :

BNA_F

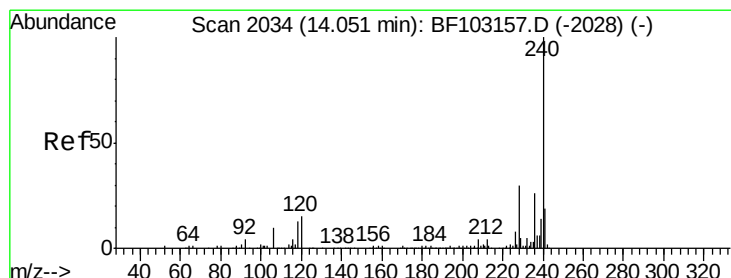
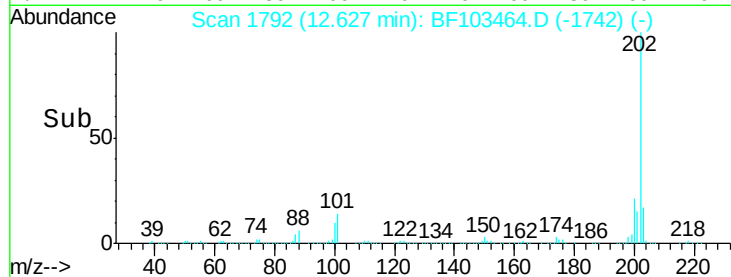
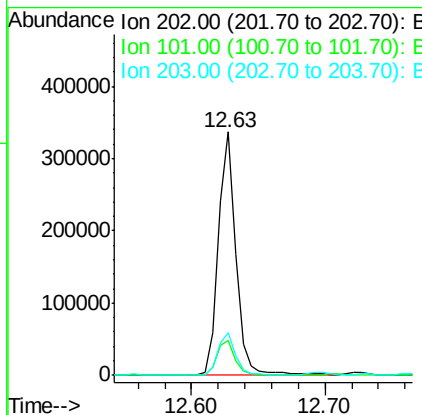
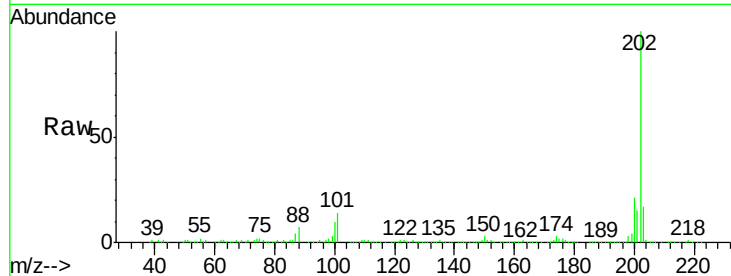
ClientSampled :

SP-18

Tot Ion:	202	Resp:	313975
Ion Ratio		Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

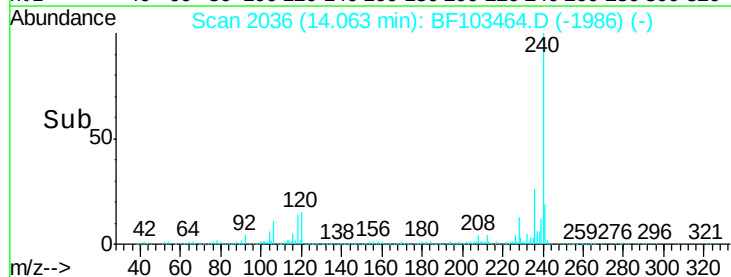
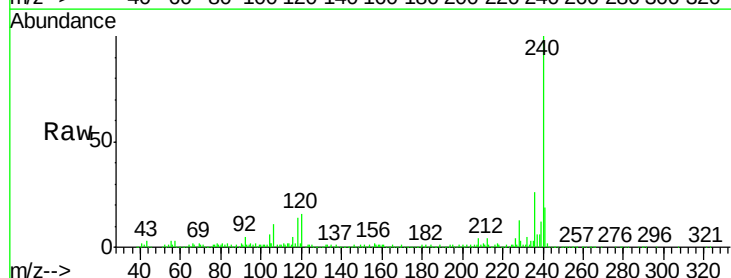
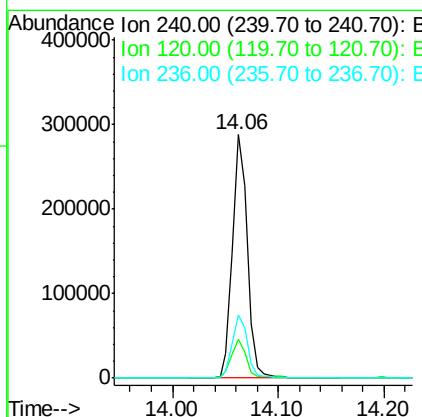
RT: 14.06 min Scan# 2036

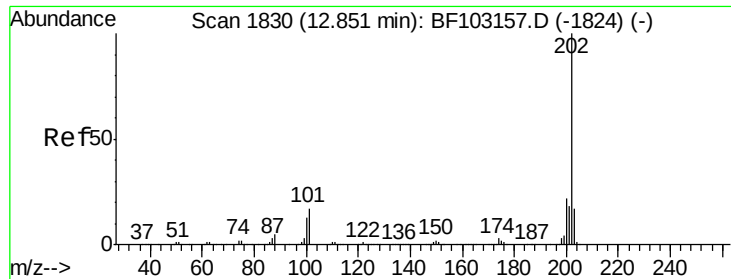
Delta R.T. -0.01 min

Lab File: BF103464.D

Acq: 6 Mar 2018 19:16

Tgt Ion:	240	Resp:	279374
Ion Ratio		Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	26.1	20.7	31.1





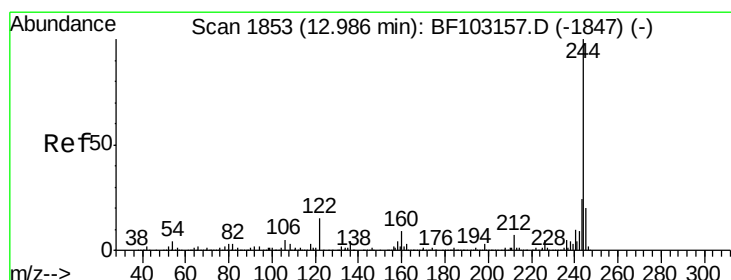
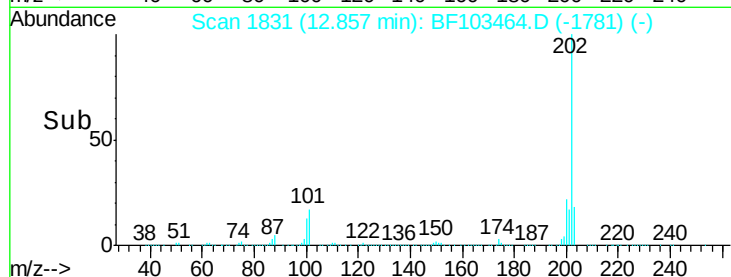
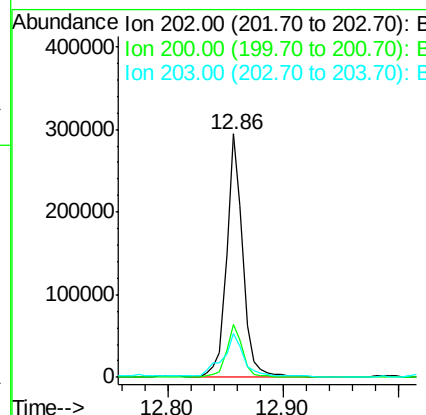
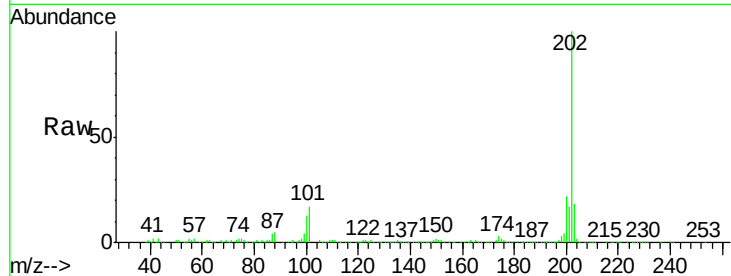
#77
Pvrene
Concen: 13.027 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampleId :
SP-18

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5

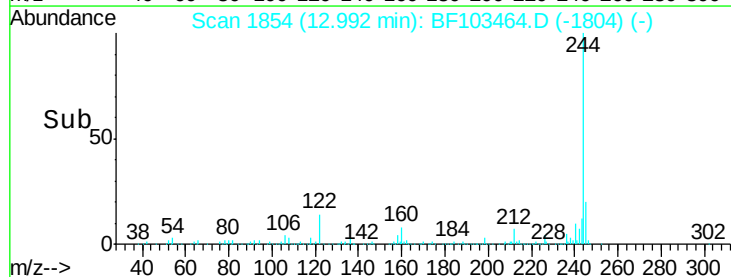
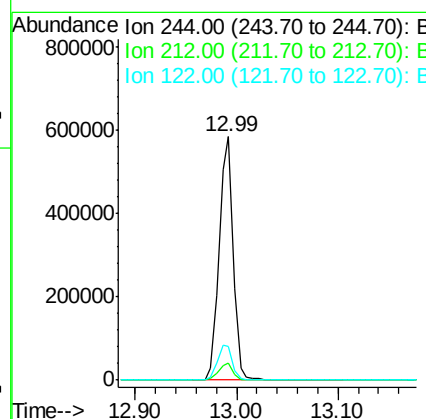
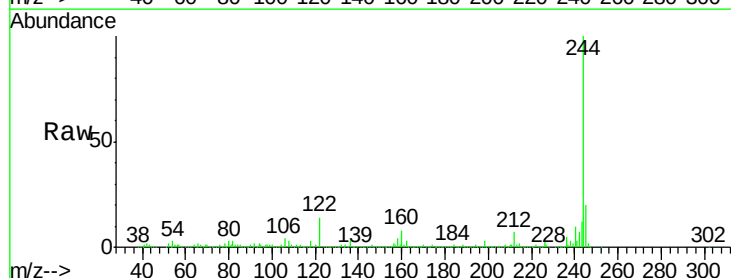
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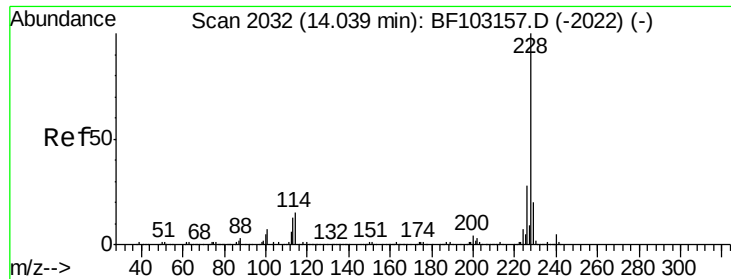
Sohil
3/7/2018 12:17:07 PM



#78
Terphenyl-d14
Concen: 48.647 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4





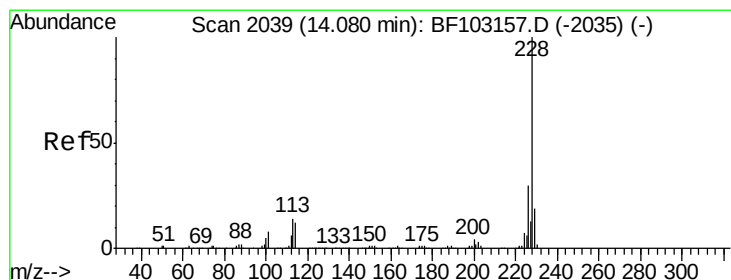
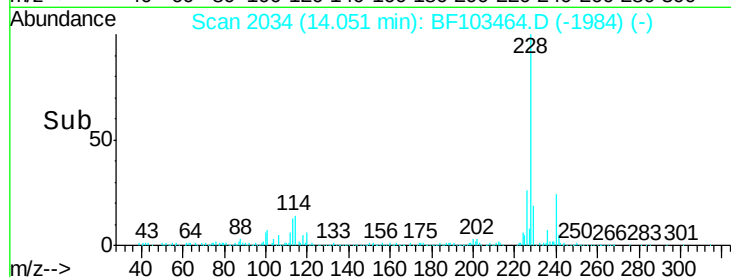
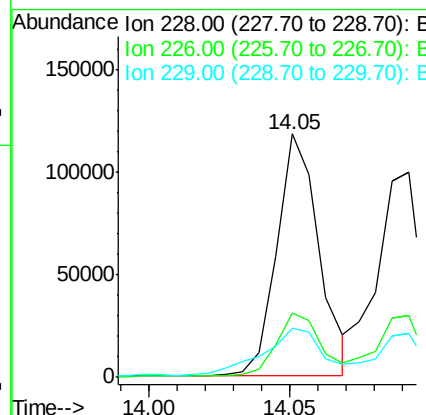
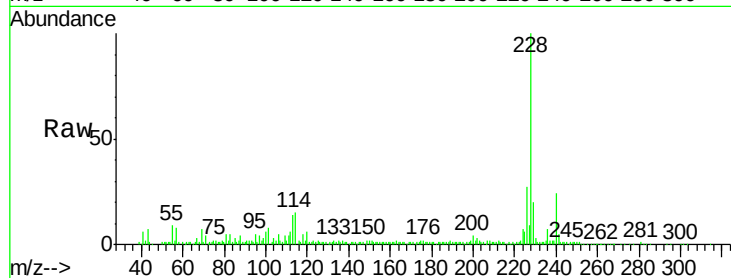
#80
Benzo(a)anthracene
Concen: 6.744 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampleId :
SP-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.2	15.8	23.6

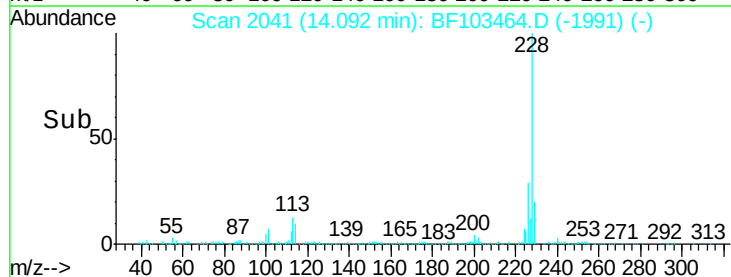
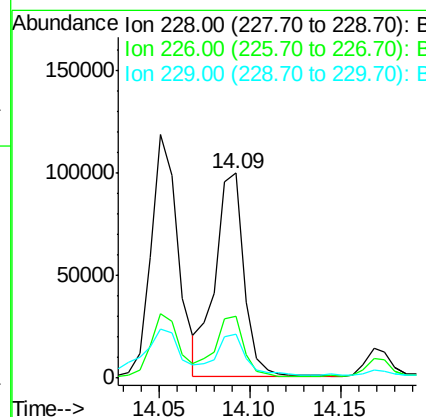
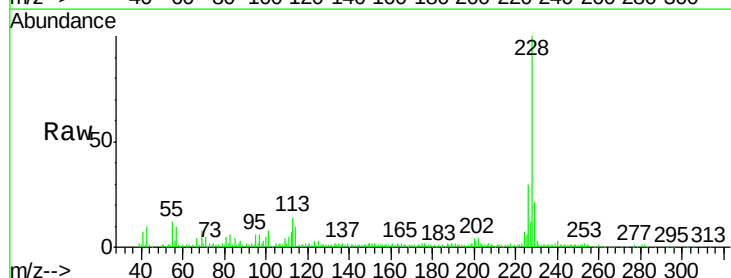
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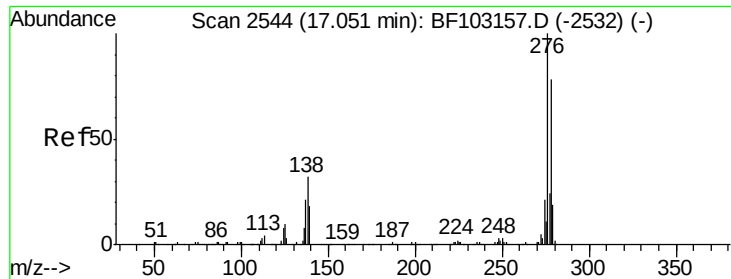
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#82
Chrysene
Concen: 6.282 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.2	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.938 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF103464.D

Acq: 6 Mar 2018 19:16

Instrument :

BNA_F

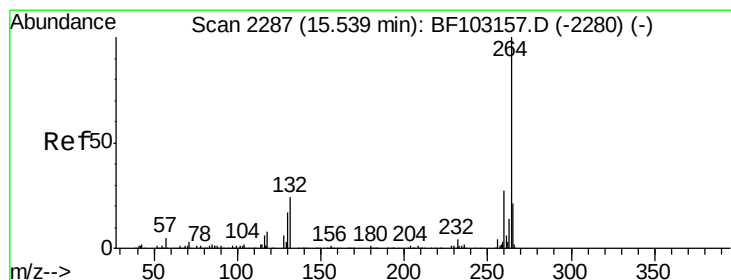
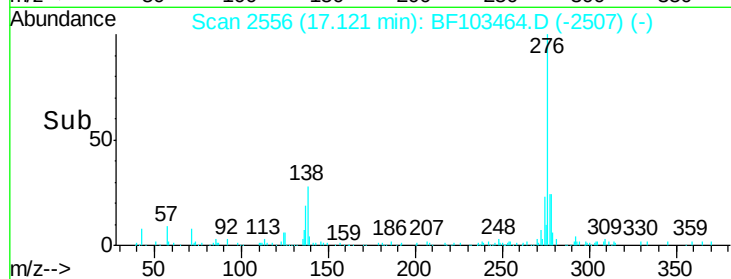
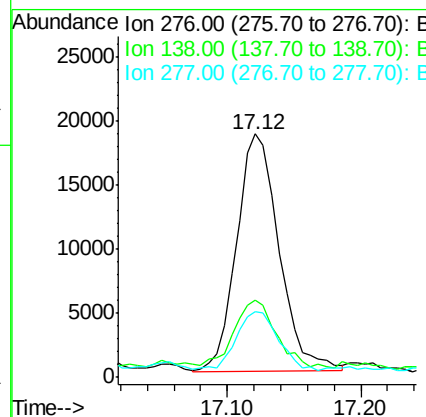
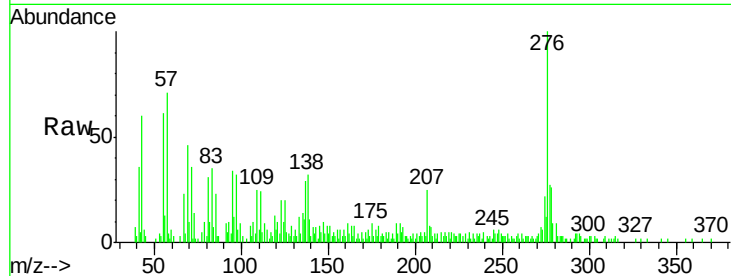
ClientSampled :

SP-18

Tot Ion:	276	Resp:	40944
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.0	37.6
277	24.4	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

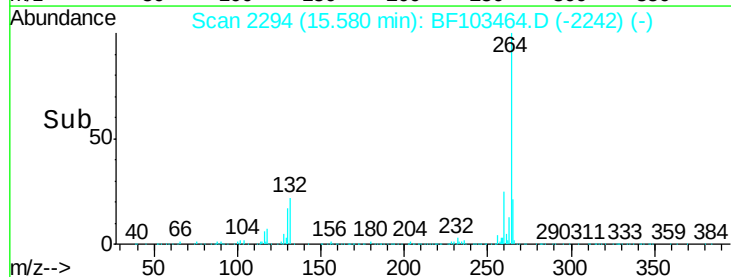
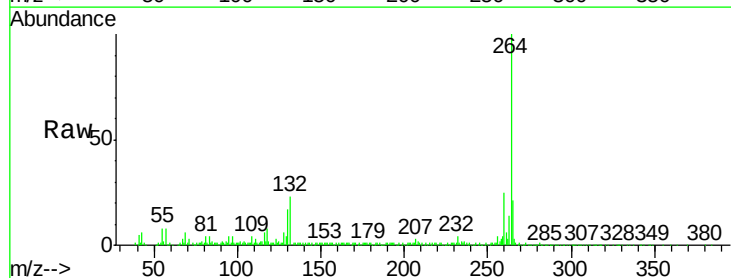
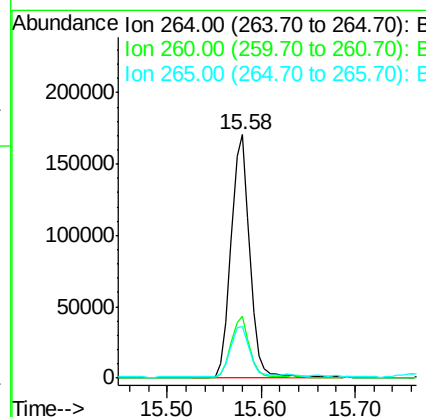
RT: 15.58 min Scan# 2294

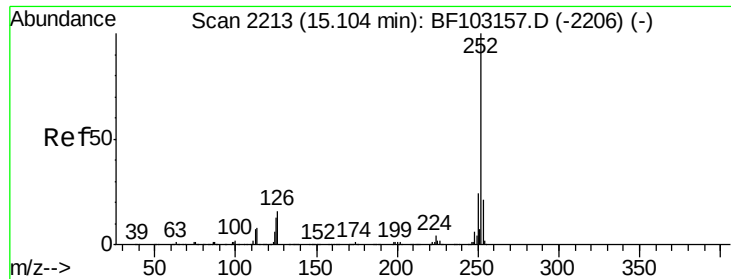
Delta R.T. 0.01 min

Lab File: BF103464.D

Acq: 6 Mar 2018 19:16

Tgt Ion:	264	Resp:	234968
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	21.2	17.5	26.3





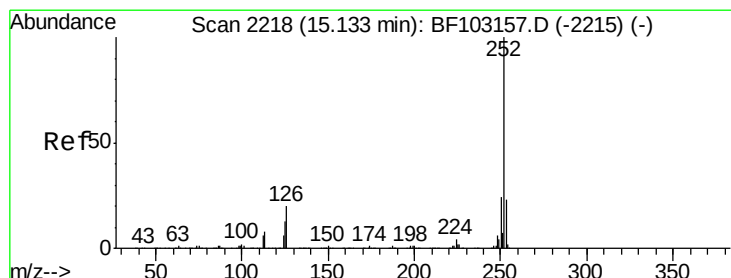
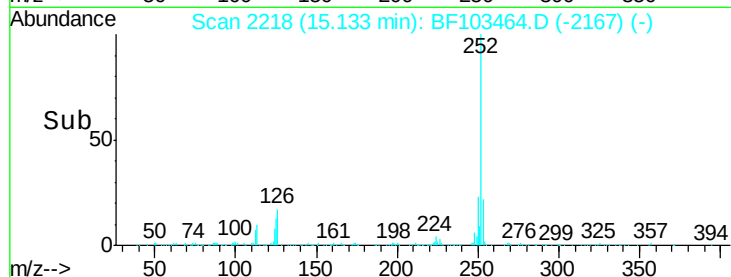
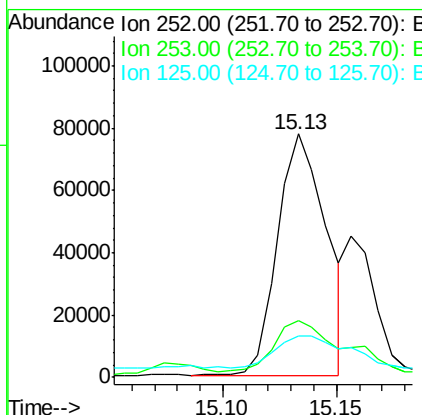
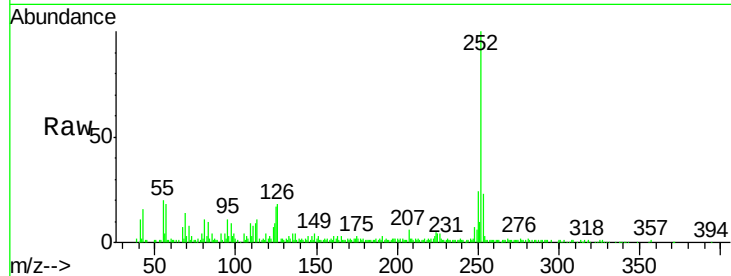
#87
Benzo(b)fluoranthene
Concen: 7.470 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampled :
SP-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	16.9	9.0	13.6

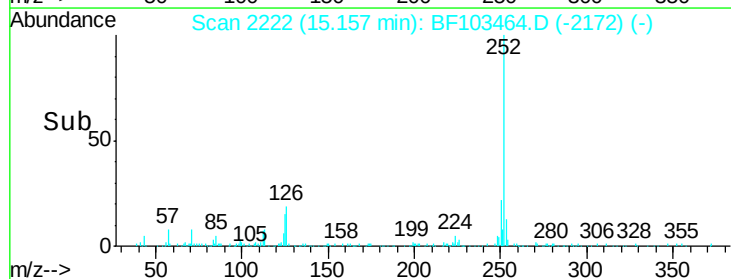
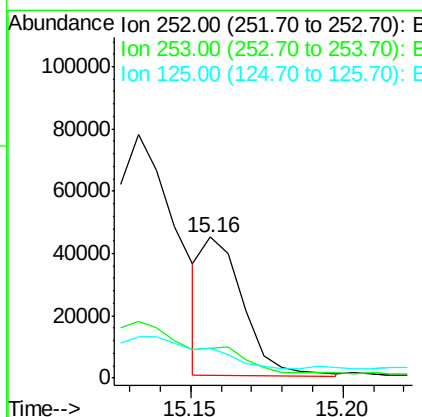
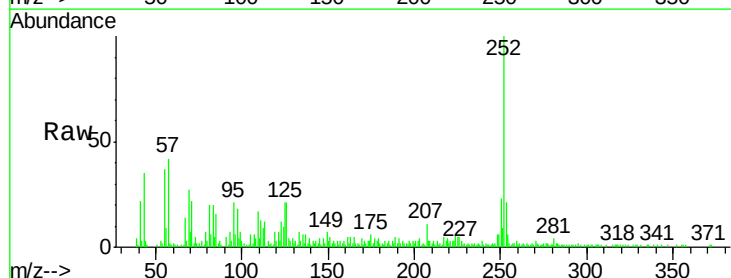
Manual Integrations
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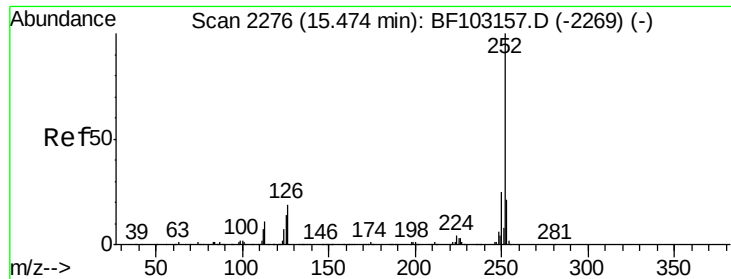
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#88
Benzo(k)fluoranthene
Concen: 2.832 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	20.9	10.2	15.2





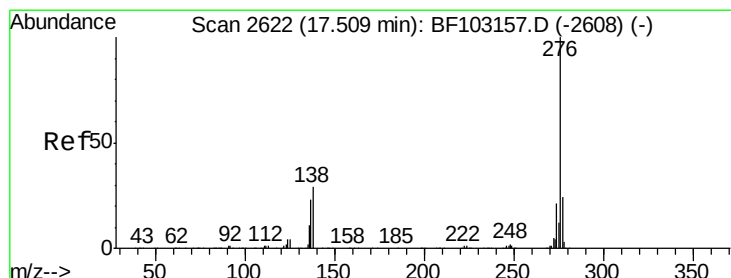
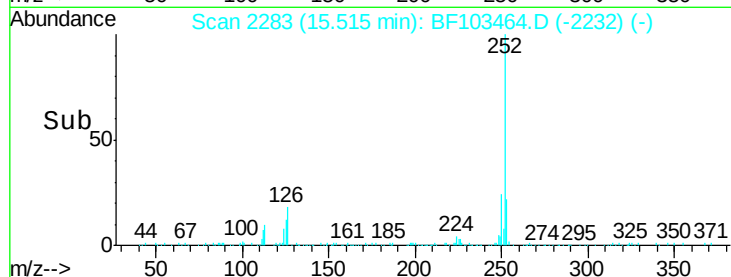
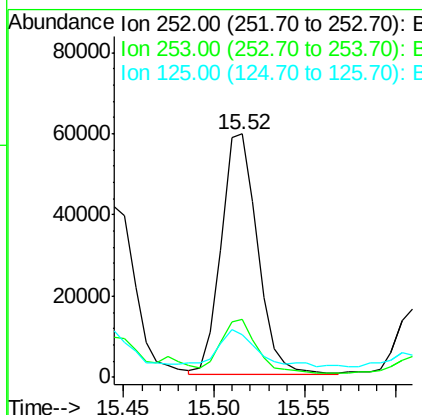
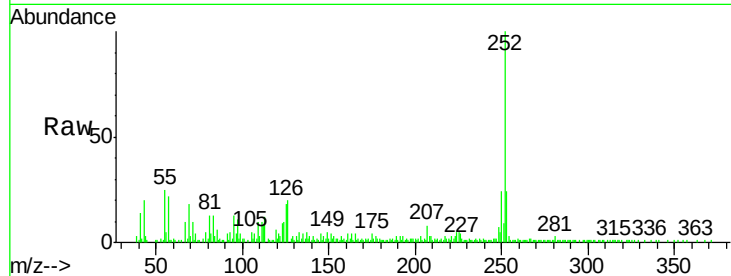
#89
Benzo(a)pyrene
Concen: 6.017 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Instrument :
BNA_F
ClientSampled :
SP-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	17.7	9.8	14.6

Manual Integrations
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3/7/2018 12:17:07 PM



#91
Benzo(g,h,i)perylene
Concen: 3.670 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103464.D
Acq: 6 Mar 2018 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	30.5	21.8	32.8

