

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103337.D
 Acq On : 1 Mar 2018 15:29
 Operator : SJ/JU
 Sample : J1720-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-30

Manual Integrations
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Quant Time: Mar 02 09:47:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136004	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	540661	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	203969	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	305285	20.00	ng	0.00
75) Chrysene-d12	14.06	240	215477	20.00	ng	0.00
86) Perylene-d12	15.57	264	156184	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	903724	100.50	ng	0.01
7) Phenol-d6	6.52	99	1059752	96.31	ng	0.00
23) Nitrobenzene-d5	7.44	82	688554	72.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	137909	79.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	920258	75.71	ng	0.00
78) Terphenyl-d14	12.99	244	649103	72.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	76082	4.650	ng	99
70) Phenanthrene	11.43	178	195536	11.639	ng	98
71) Anthracene	11.49	178	65054	3.776	ng	99
73) Di-n-butylphthalate	11.96	149	75619	3.522	ng	100
74) Fluoranthene	12.63	202	388456	23.009	ng	98
77) Pyrene	12.86	202	387745	23.080	ng	100
80) Benzo(a)anthracene	14.05	228	185525	13.270	ng	98
82) Chrysene	14.09	228	170851	12.586	ng	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	68271	6.352	ng	93
87) Benzo(b)fluoranthene	15.13	252	171971m	16.747	ng	
88) Benzo(k)fluoranthene	15.16	252	66691m	6.897	ng	
89) Benzo(a)pyrene	15.51	252	117091	12.769	ng	# 90
90) Dibenzo(a,h)anthracene	17.11	278	19077	2.692	ng	# 53
91) Benzo(g,h,i)perylene	17.57	276	67365	9.727	ng	92

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

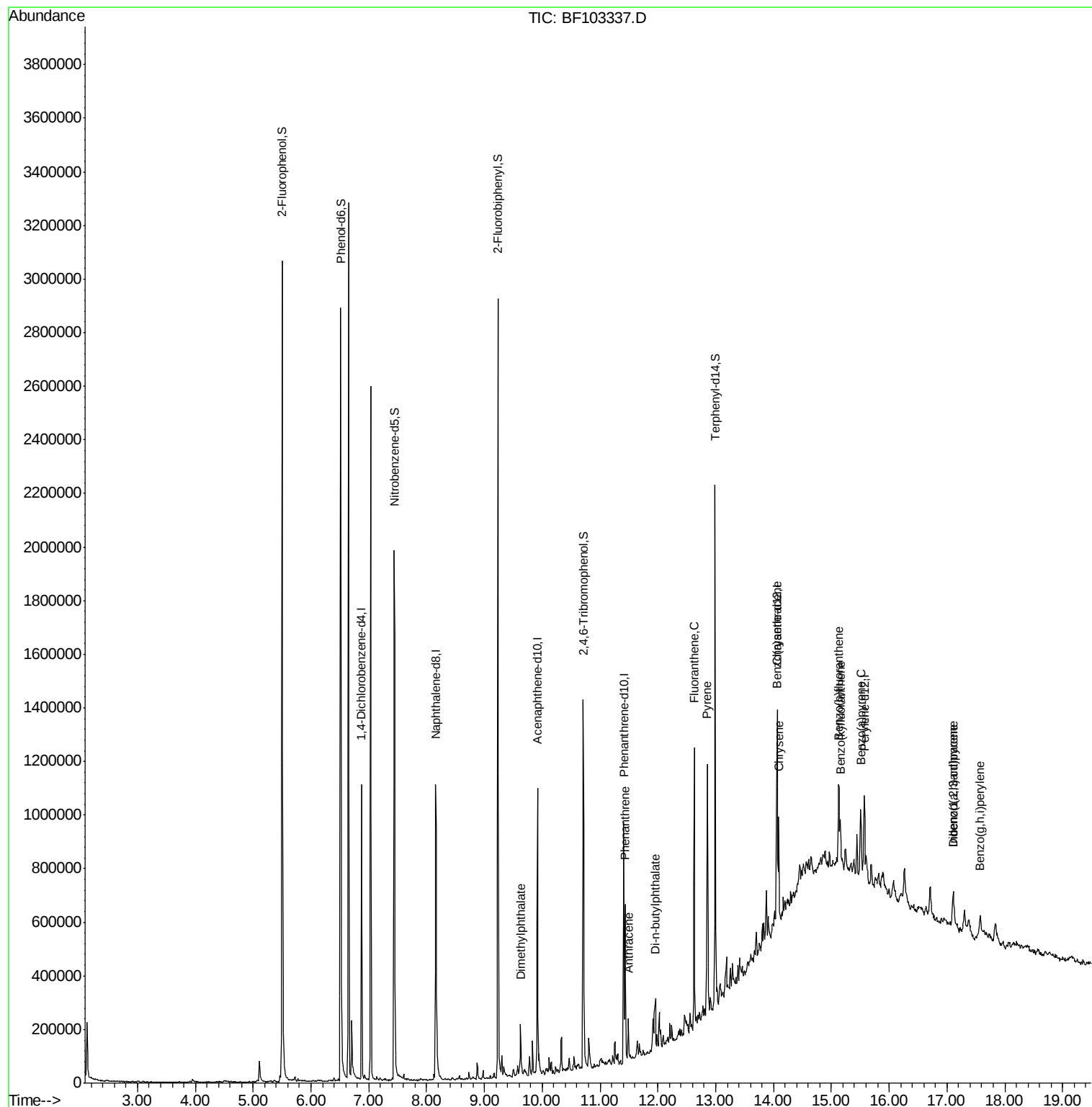
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103337.D
Acq On : 1 Mar 2018 15:29
Operator : SJ/JU
Sample : J1720-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-30

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





#1

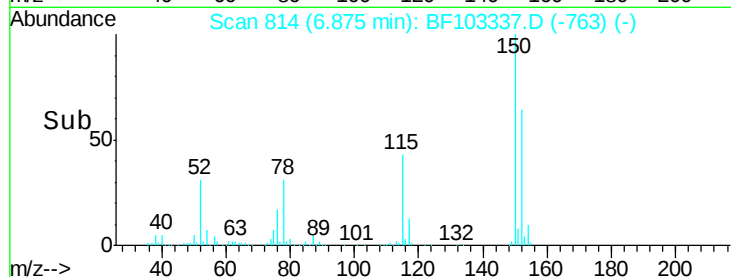
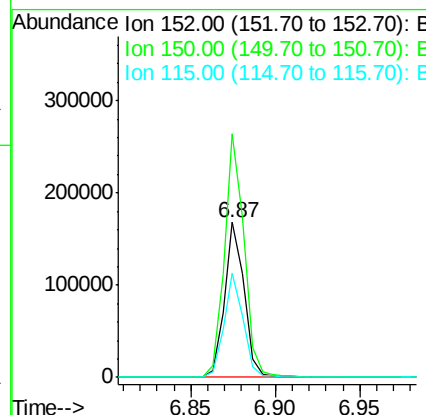
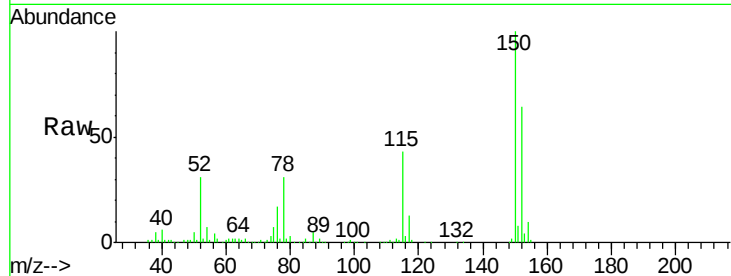
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampleId :
SP-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	67.4	50.1	75.1

Manual Integrations
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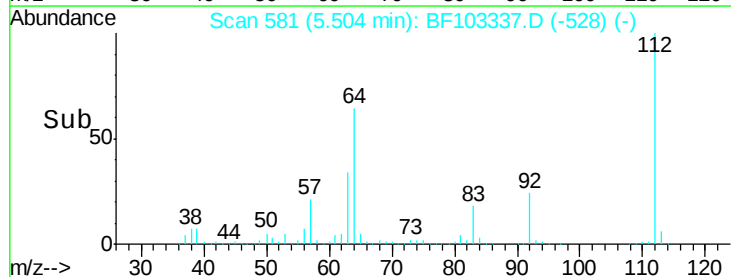
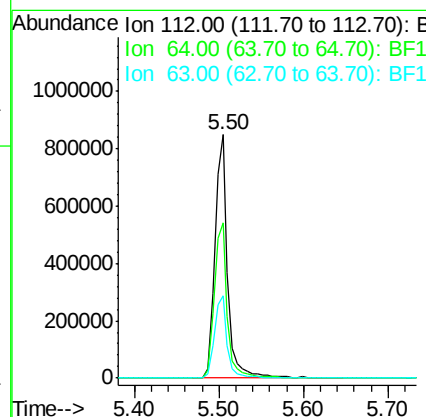
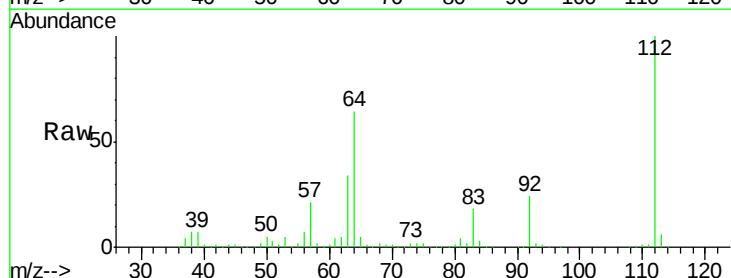
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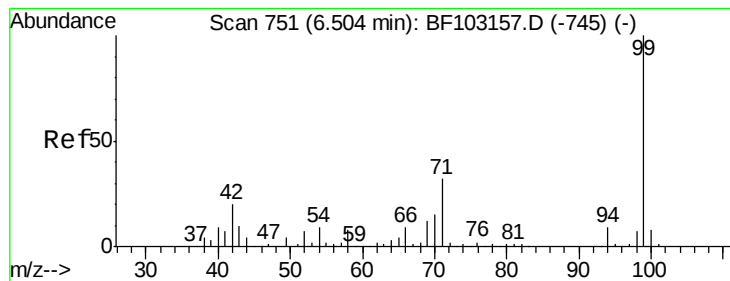


#5

2-Fluorophenol
Concen: 100.498 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 96.310 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103337.D

Acq: 1 Mar 2018 15:29

Instrument :

BNA_F

ClientSampled :

SP-30

Tot Ion: 99 Resp: 1059752

Ion Ratio Lower Upper

99 100

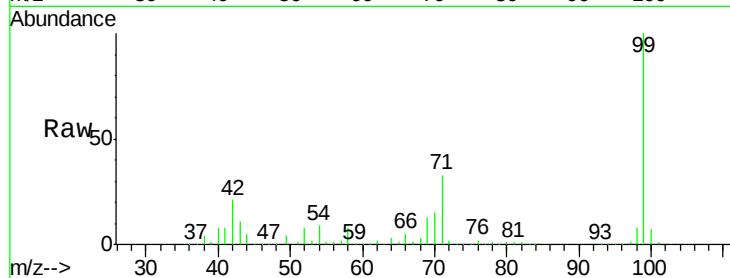
42 21.2 14.5 21.7

71 32.7 25.4 38.0

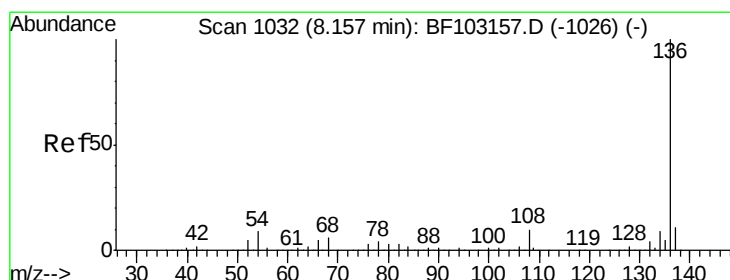
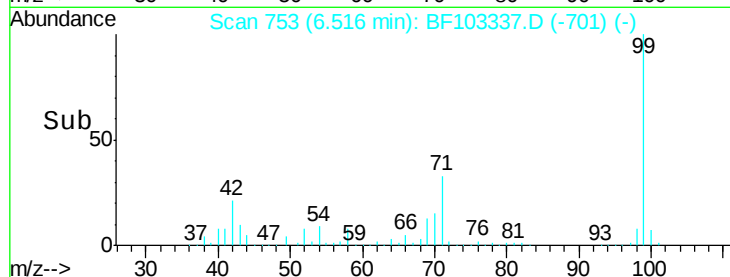
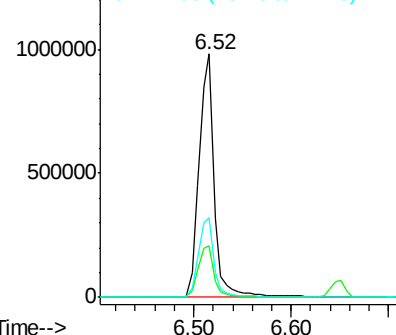
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103337.D

Acq: 1 Mar 2018 15:29

Tgt Ion: 136 Resp: 540661

Ion Ratio Lower Upper

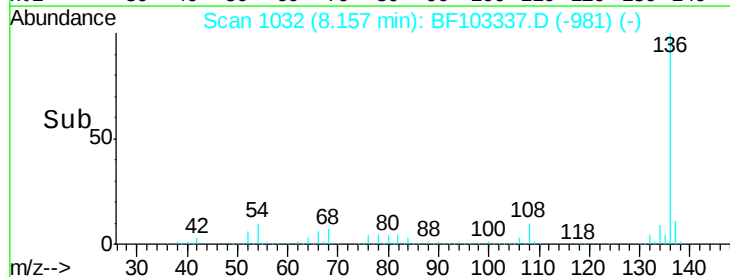
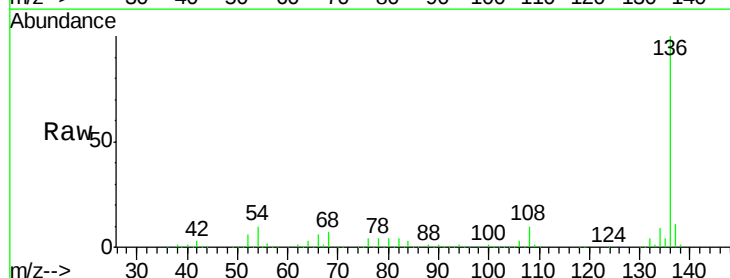
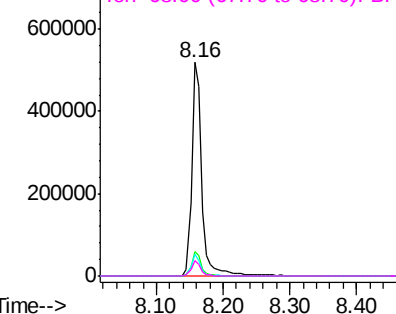
136 100

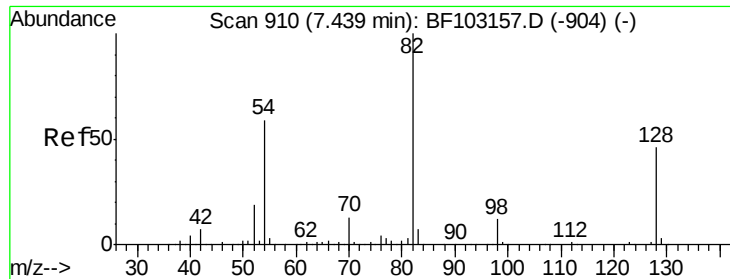
137 11.1 8.9 13.3

54 10.3 6.6 9.8#

68 7.3 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





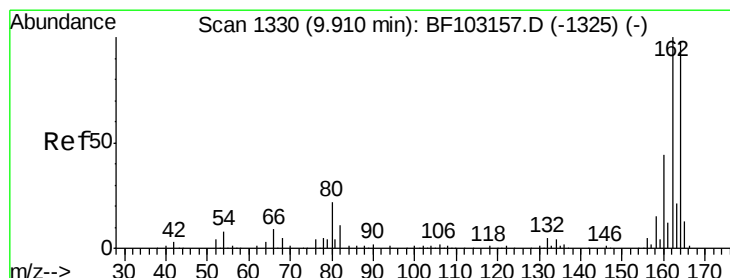
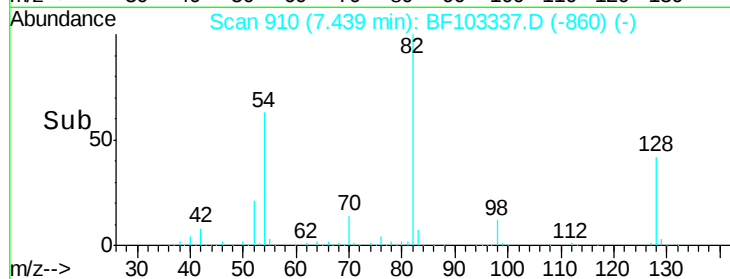
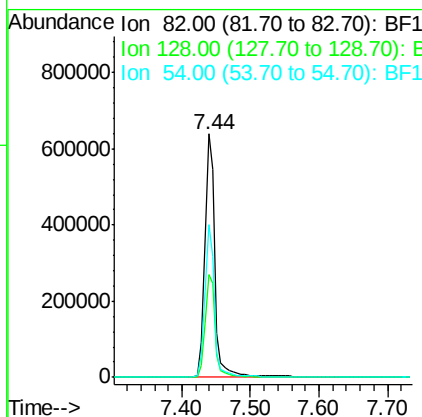
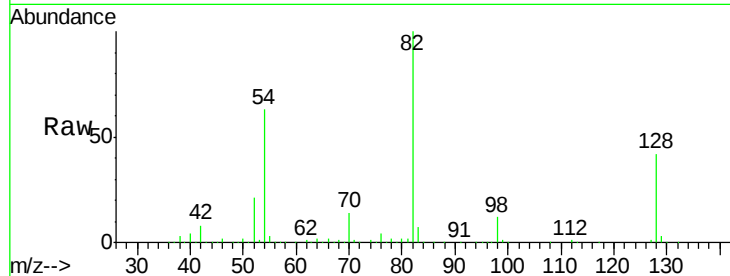
#23
 Nitrobenzene-d5
 Concen: 72.730 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Instrument :
 BNA_F
 ClientSampled :
 SP-30

Tot Ion	82	Resp	688554
Ion Ratio	100	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	62.9	41.4	62.2#

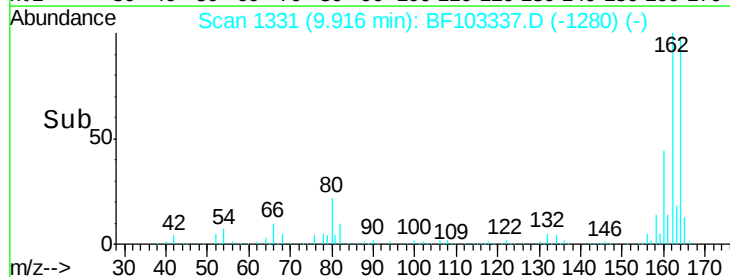
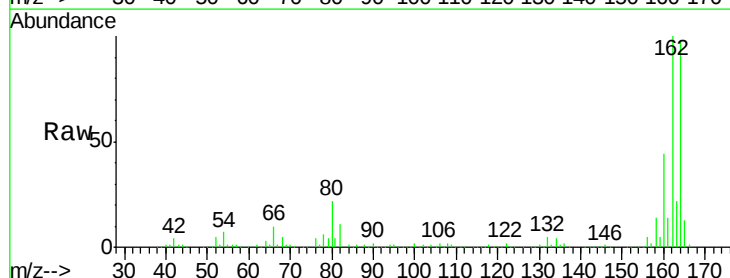
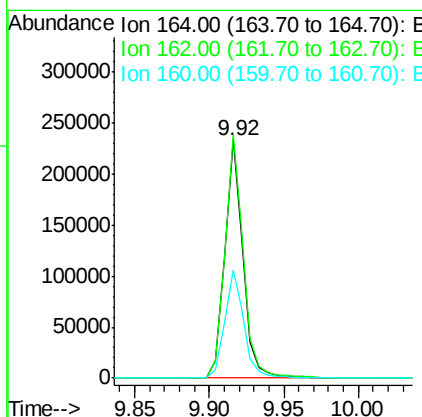
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Tgt Ion	164	Resp	203969
Ion Ratio	100	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.4	38.3	57.5





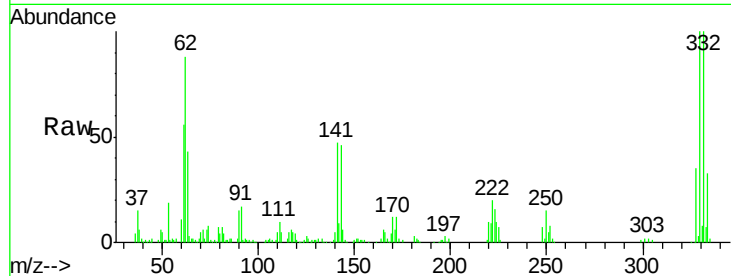
#41
 2,4,6-Tribromophenol
 Concen: 79.878 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-30

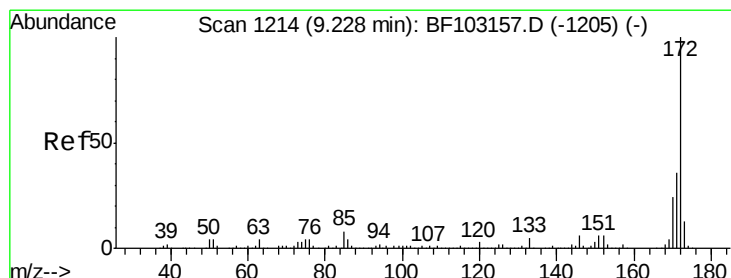
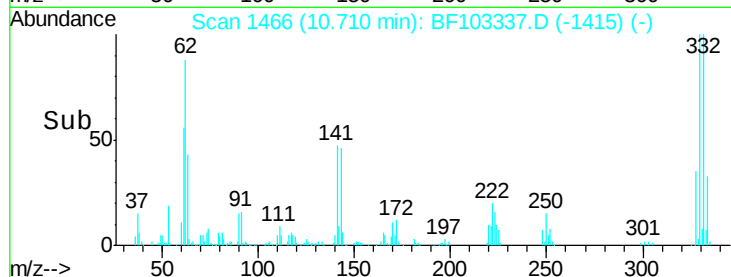
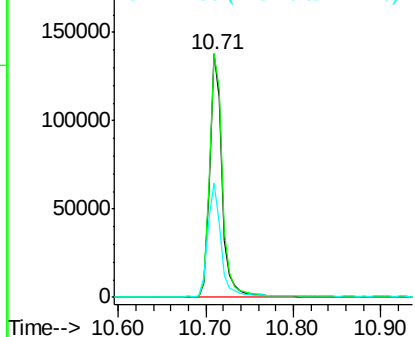
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.8	77.0	115.6	
141	48.6	29.9	44.9	

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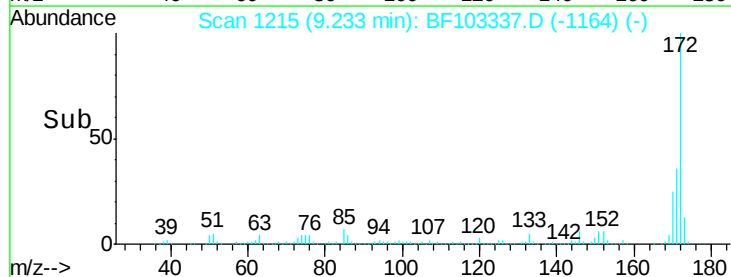
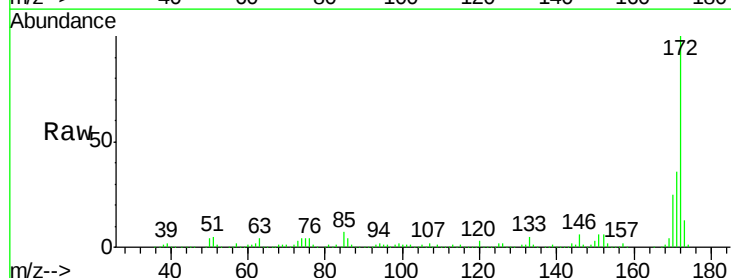
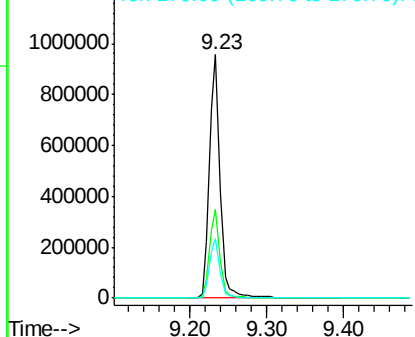
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

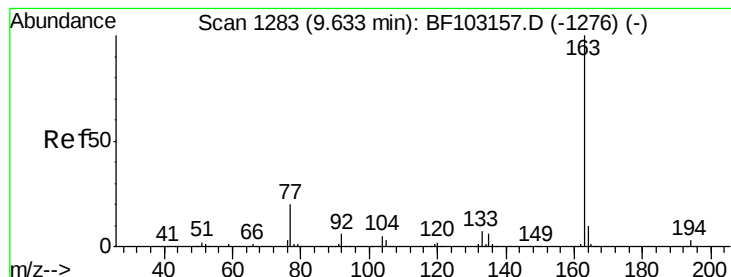


#44
 2-Fluorobiphenyl
 Concen: 75.710 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.6	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: 4.650 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103337.D

Acq: 1 Mar 2018 15:29

Instrument :

BNA_F

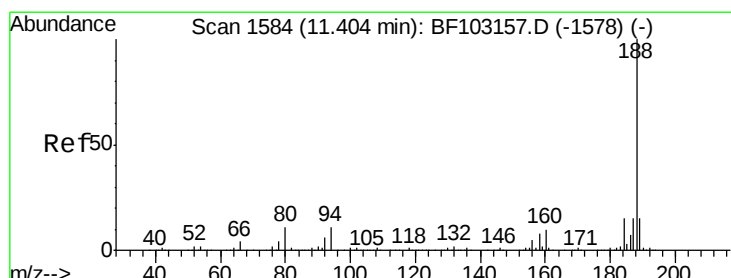
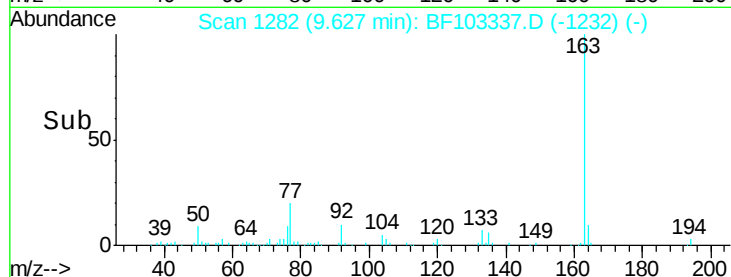
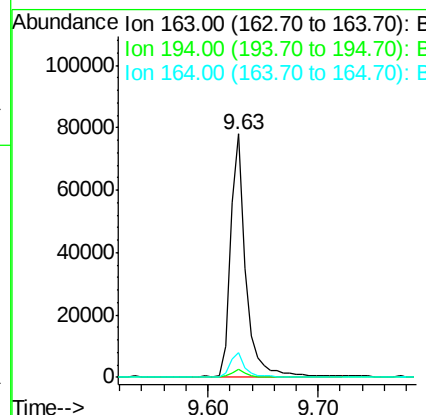
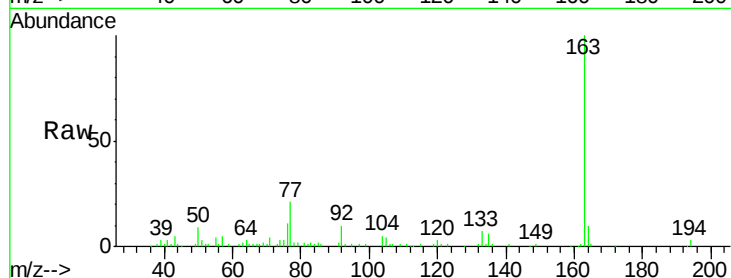
ClientSampled :

SP-30

Tot Ion:	163	Resp:	76082
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.0	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

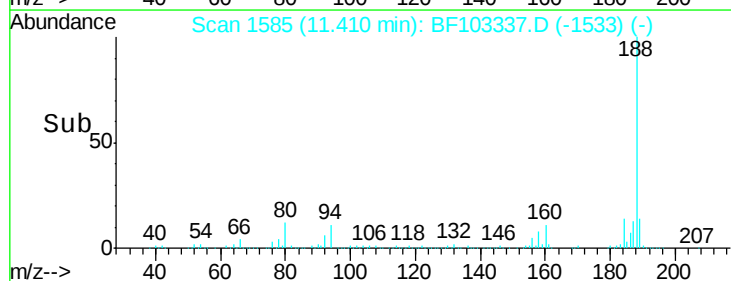
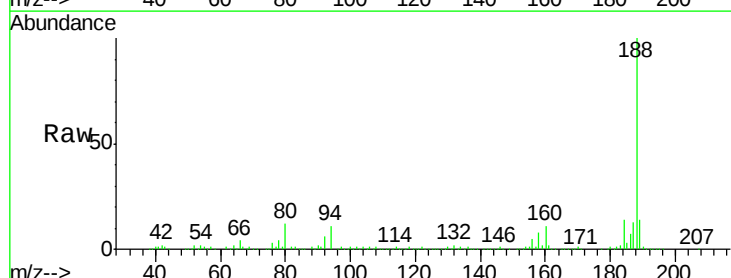
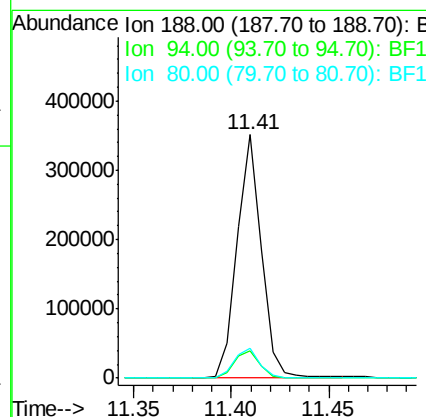
RT: 11.41 min Scan# 1585

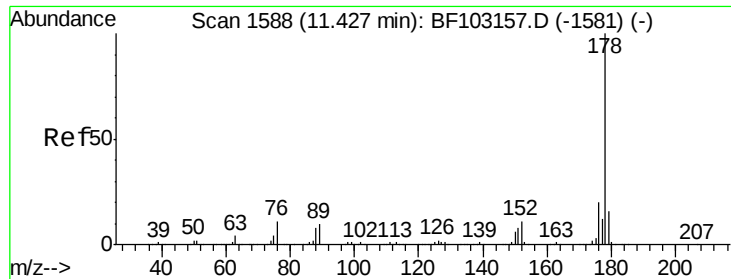
Delta R.T. 0.01 min

Lab File: BF103337.D

Acq: 1 Mar 2018 15:29

Tgt Ion:	188	Resp:	305285
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.2	9.2	13.8





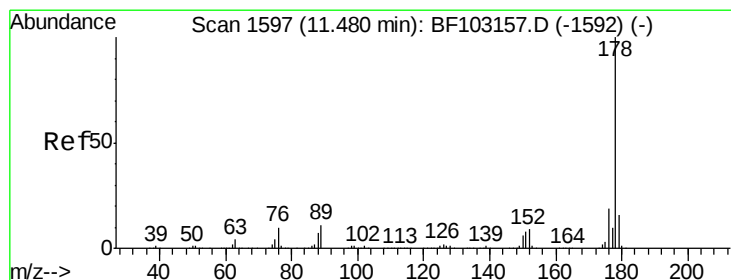
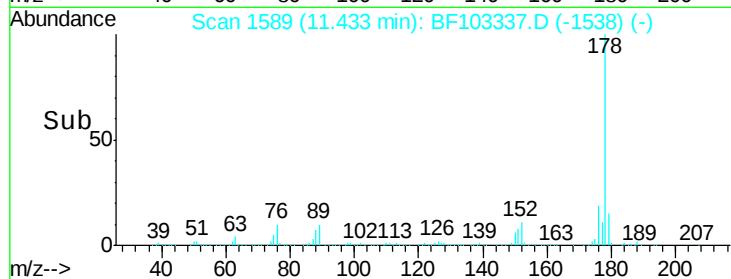
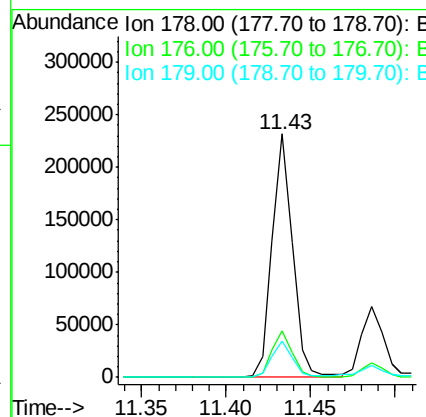
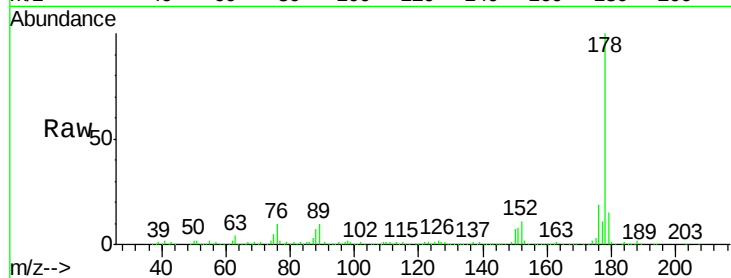
#70
Phenanthrene
Concen: 11.639 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampleId :
SP-30

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.8	13.0	19.6

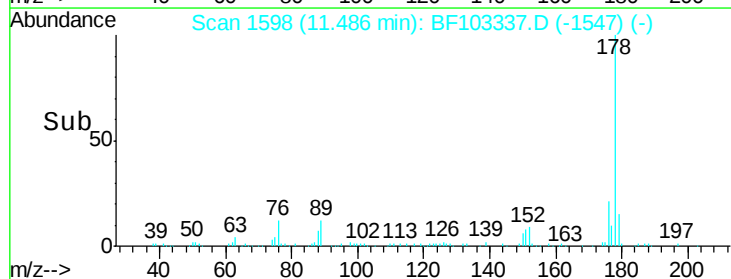
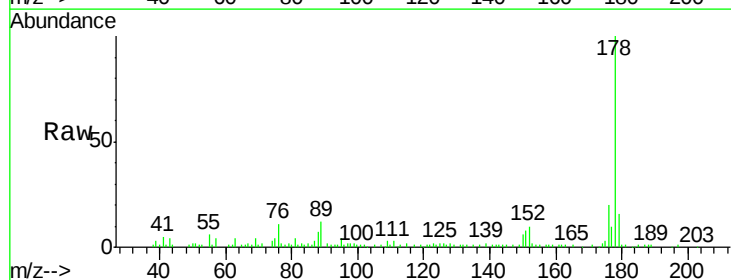
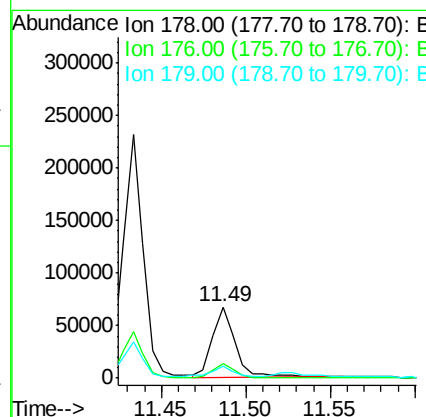
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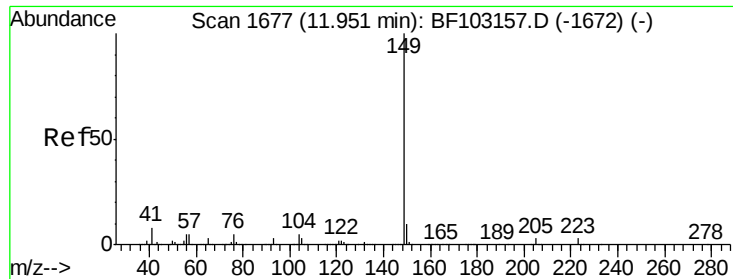
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#71
Anthracene
Concen: 3.776 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.0	12.6	19.0





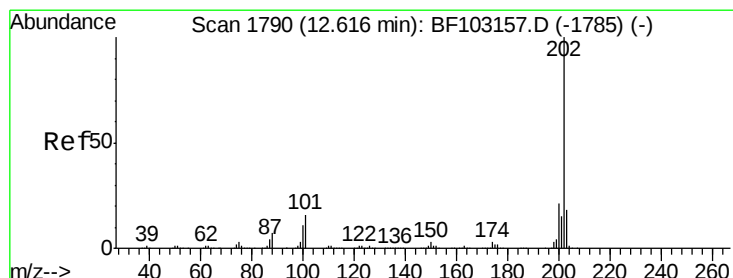
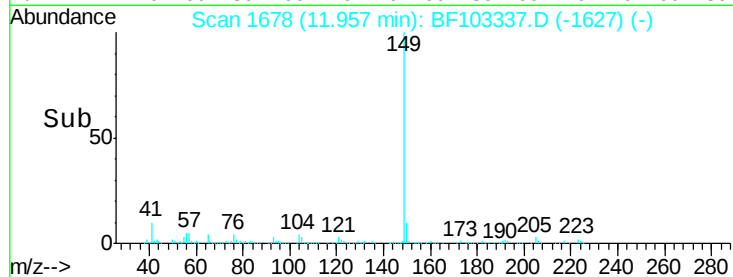
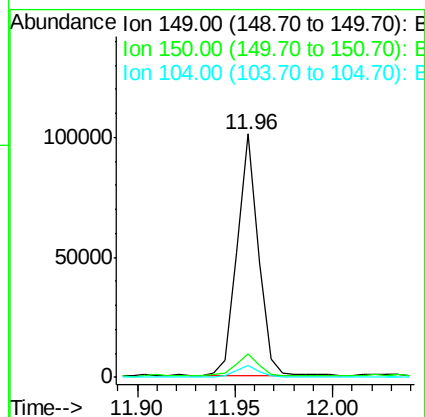
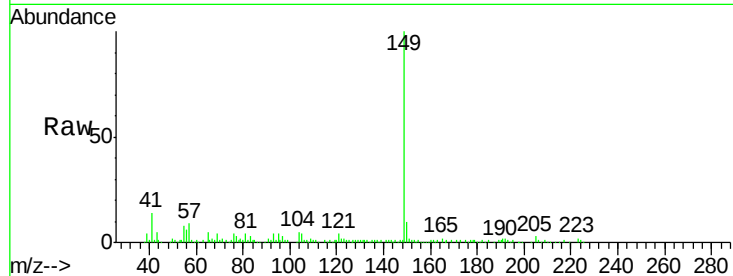
#73
Di-n-butylphthalate
Concen: 3.522 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampled :
SP-30

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.8	5.8

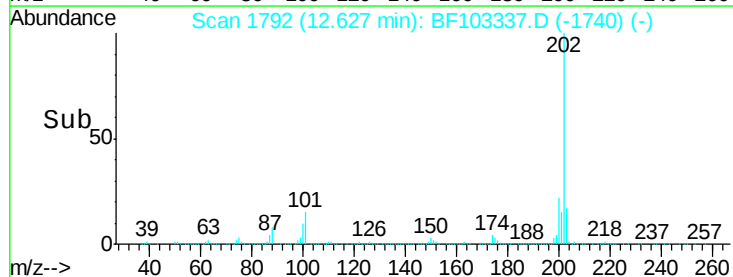
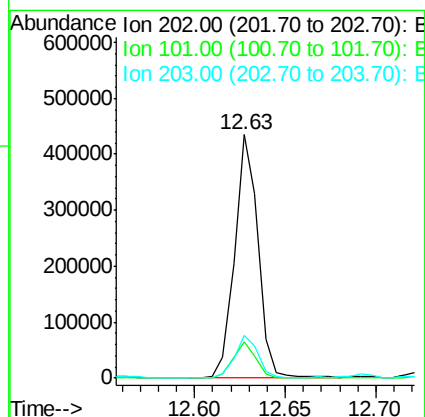
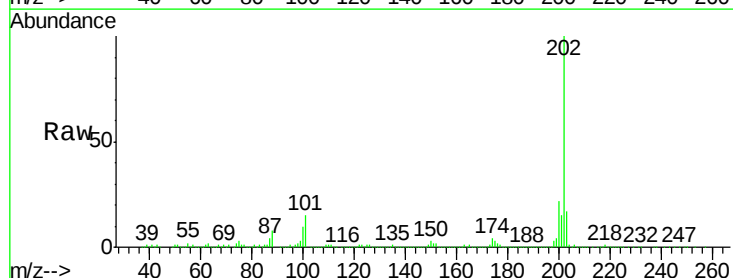
Manual Integrations
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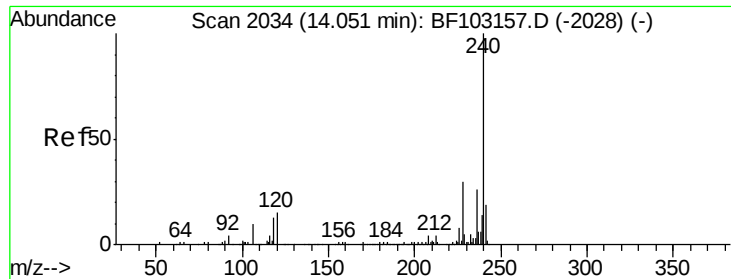
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#74
Fluoranthene
Concen: 23.009 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.4	0.0	38.1





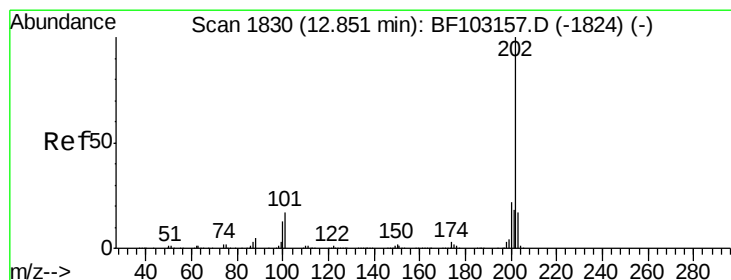
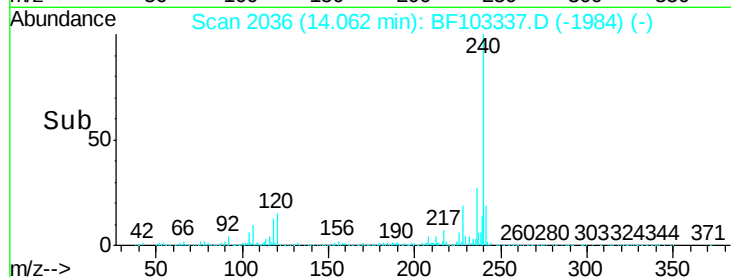
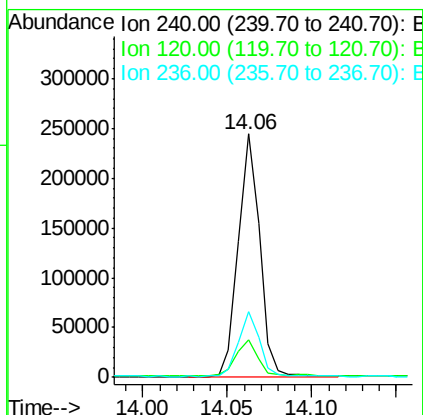
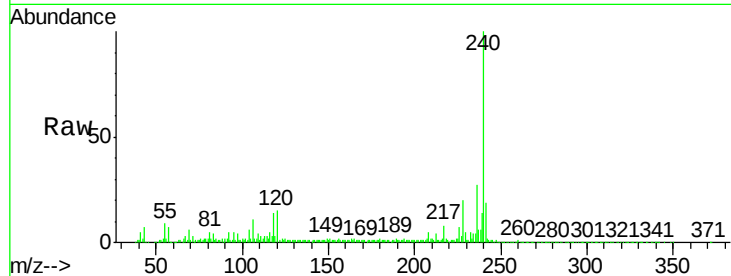
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-30

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3
236	26.8	20.7	31.1

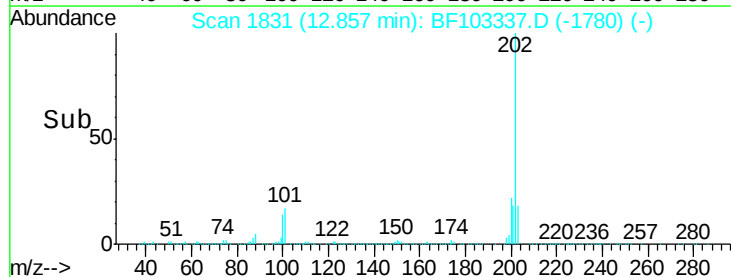
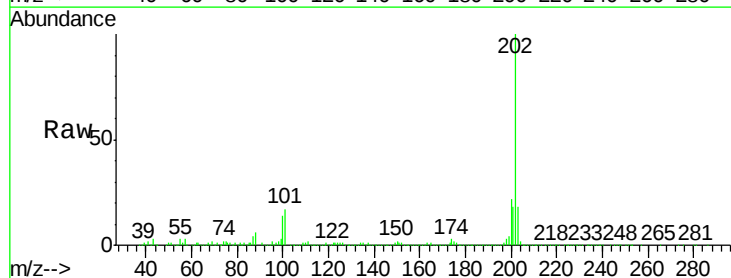
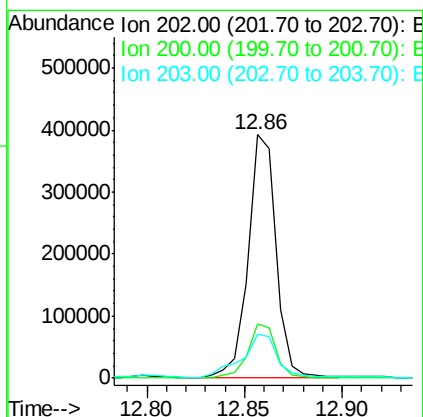
Manual Integrations
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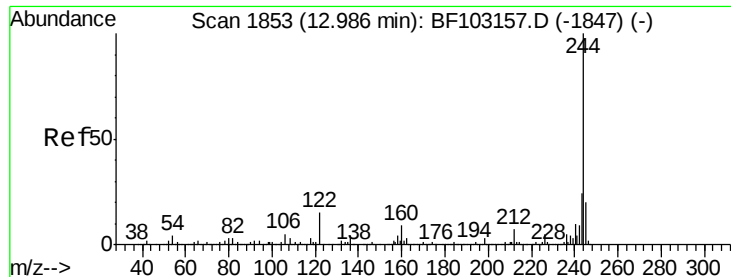
Sohil
 3/2/2018 3:30:38 PM



#77
 Pyrene
 Concen: 23.080 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5





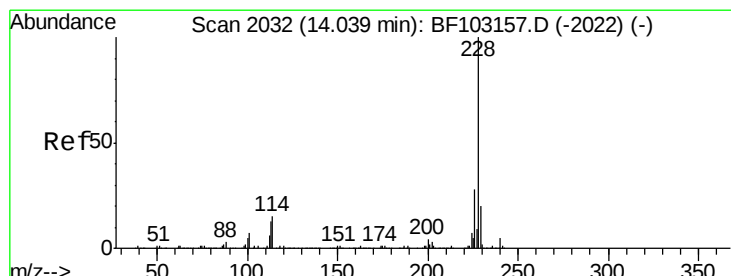
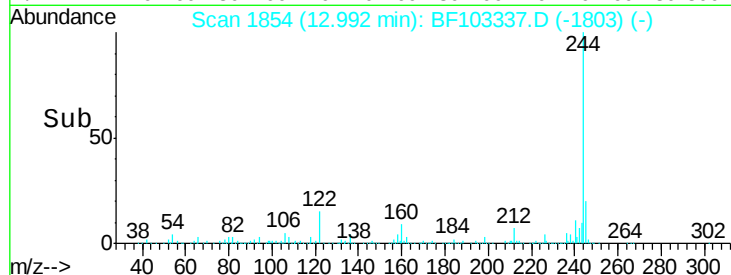
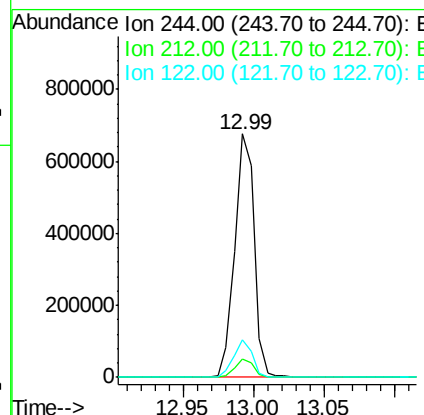
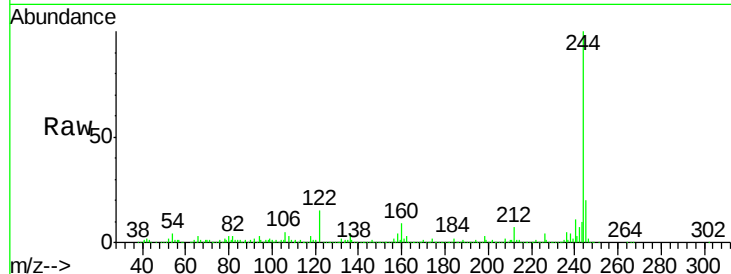
#78
 Terphenyl-d14
 Concen: 72.414 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-30

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.4	11.0	16.4

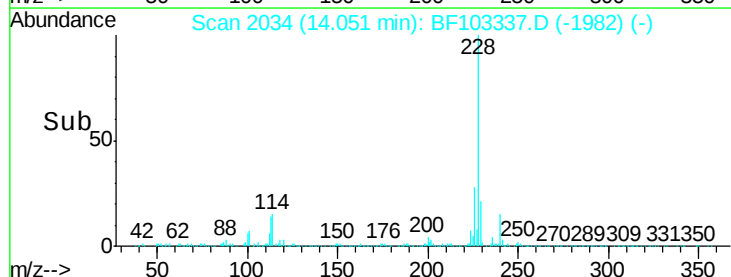
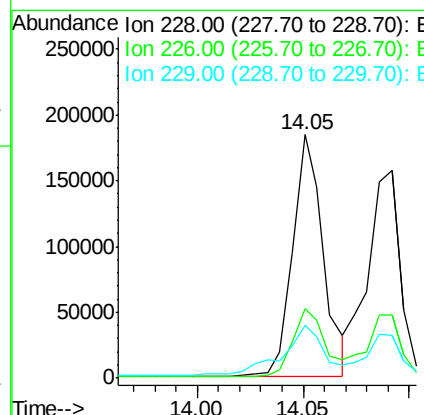
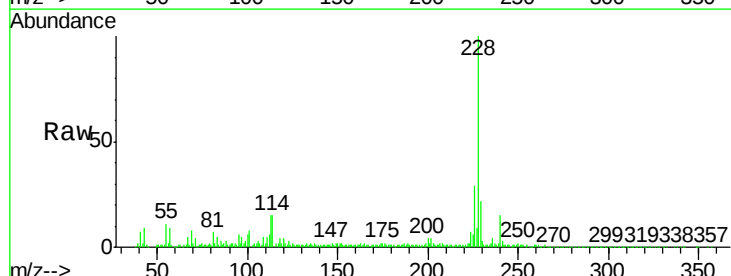
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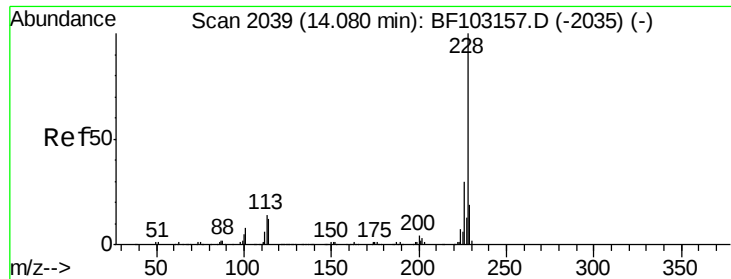
Sohil
 3/2/2018 3:30:38 PM



#80
 Benzo(a)anthracene
 Concen: 13.270 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF103337.D
 Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.5	15.8	23.6





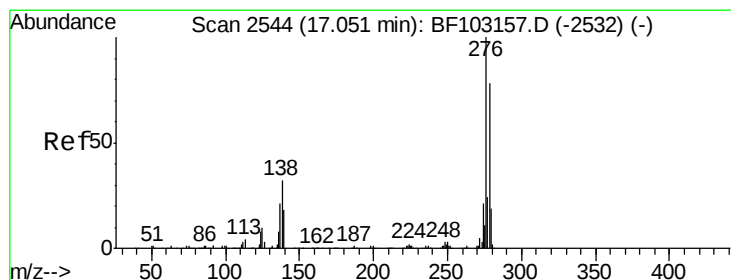
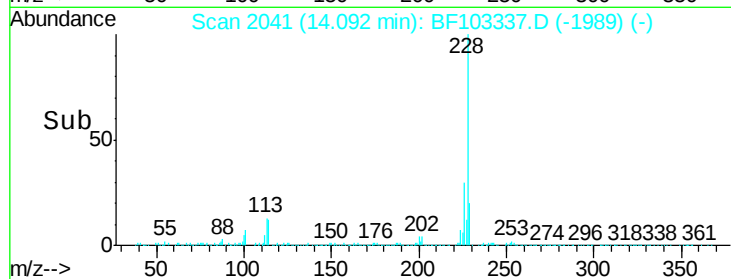
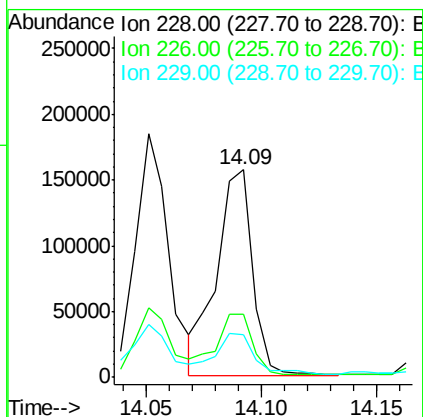
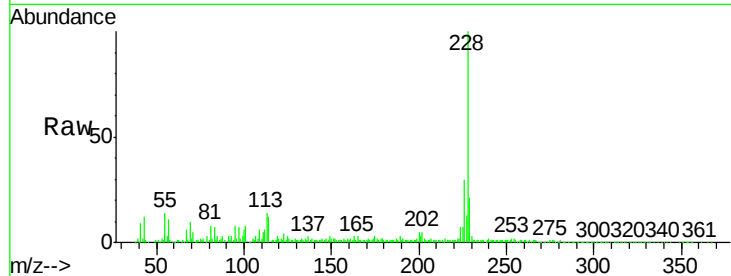
#82
Chrysene
Concen: 12.586 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampled :
SP-30

Tot Ion:	228	Resp:	170851
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	20.7	16.2	24.4

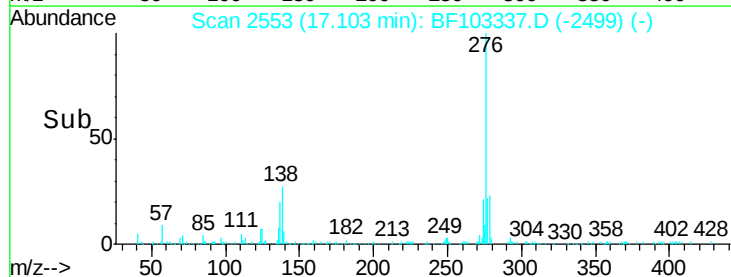
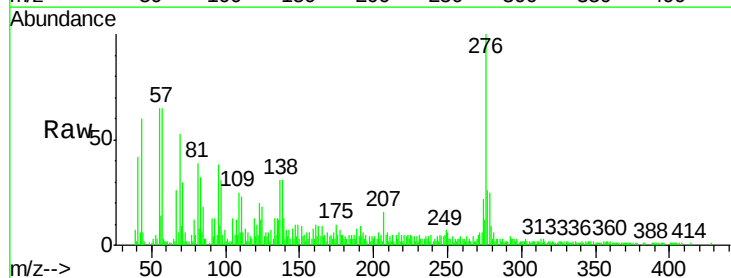
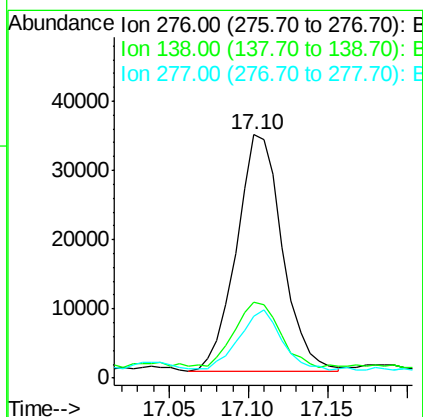
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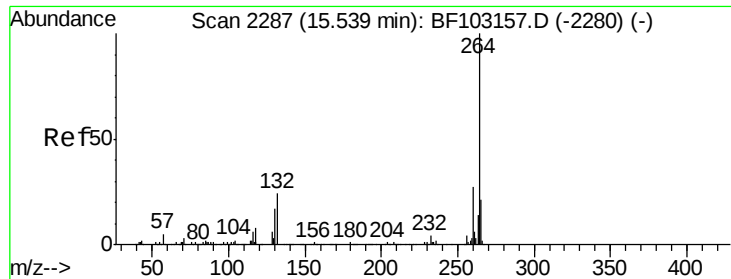
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.352 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion:	276	Resp:	68271
Ion Ratio	Lower	Upper	
276	100		
138	26.4	25.0	37.6
277	22.9	20.1	30.1





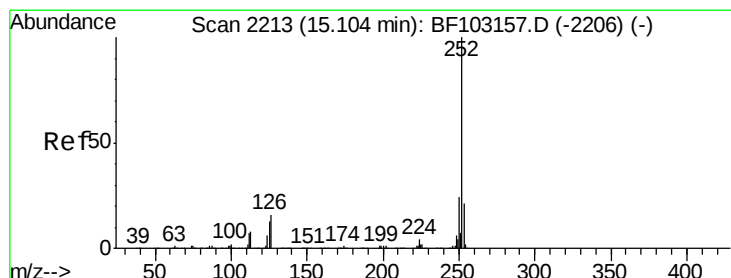
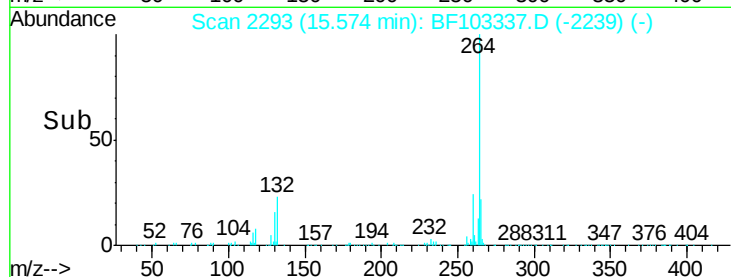
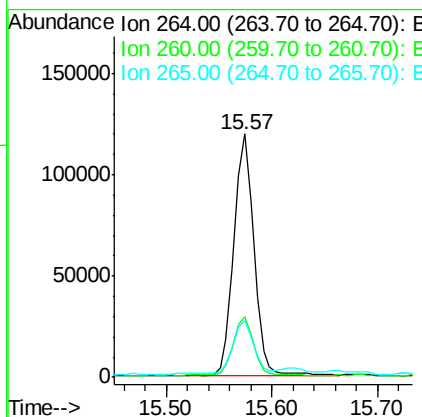
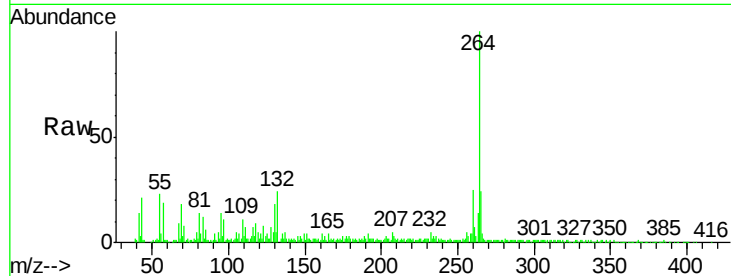
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.02 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampleId :
SP-30

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.5	17.5	26.3

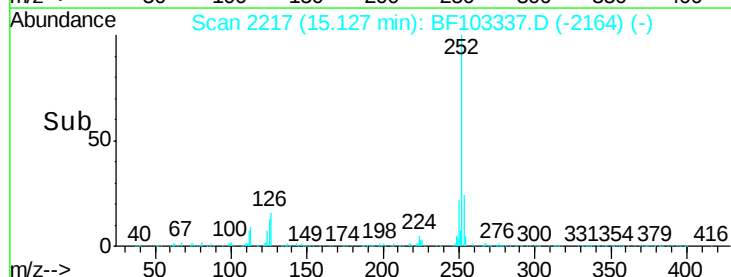
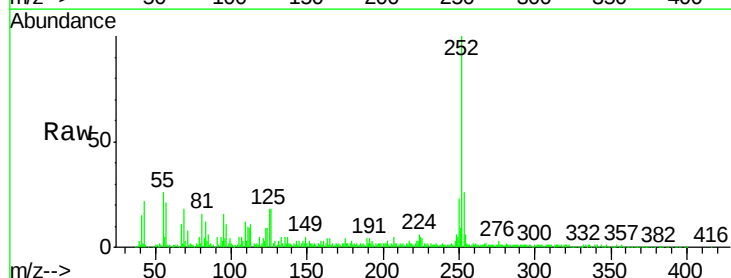
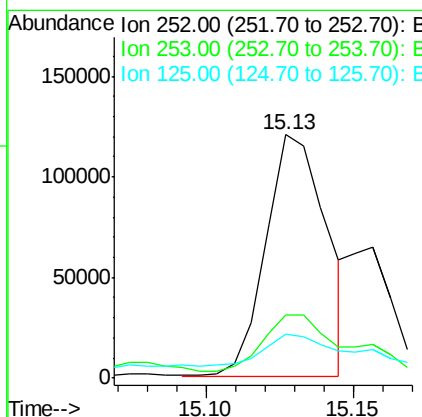
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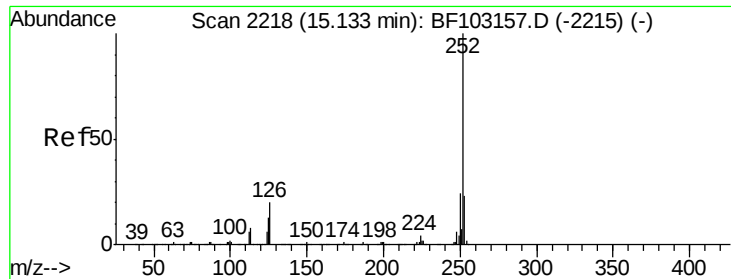
Sohil
3/2/2018 3:30:38 PM



#87
Benzo(b)fluoranthene
Concen: 16.747 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	17.8	9.0	13.6#





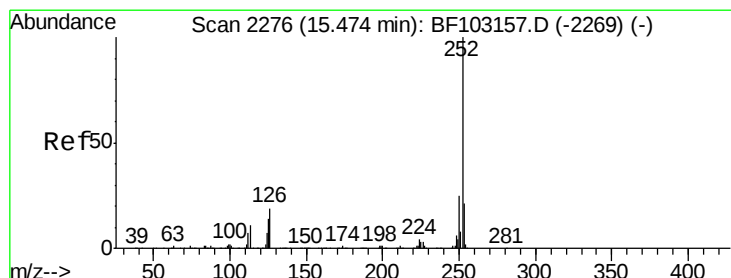
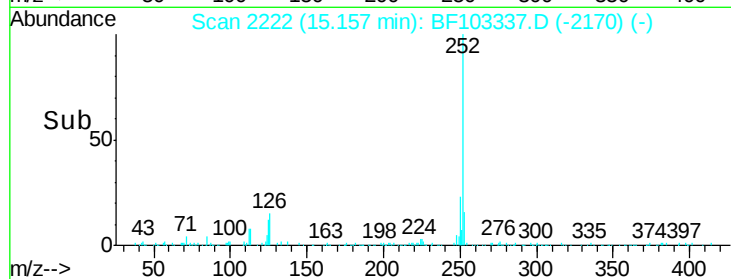
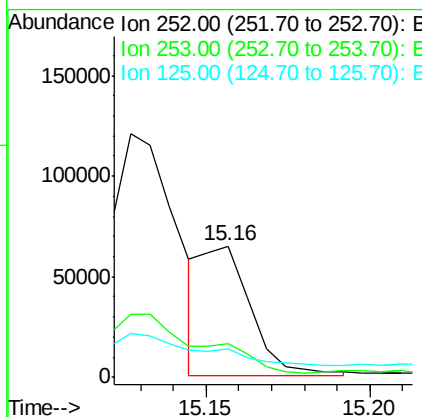
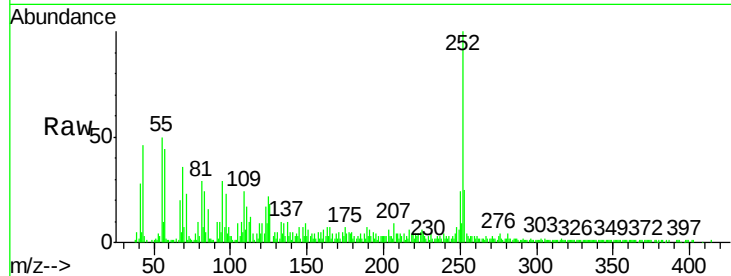
#88
Benzo(k)fluoranthene
Concen: 6.897 ng m
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampled :
SP-30

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	21.5	10.2	15.2

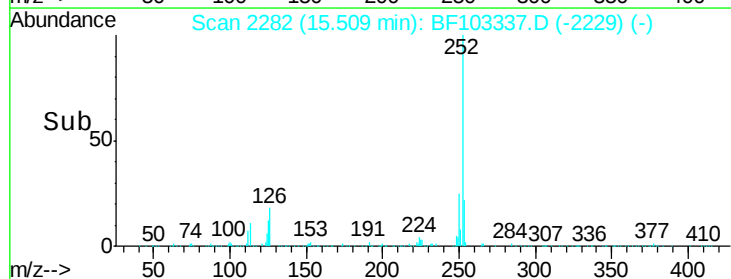
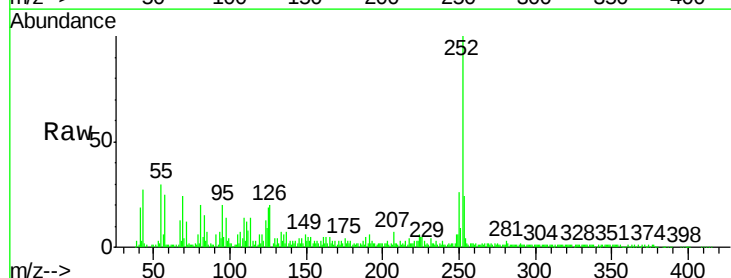
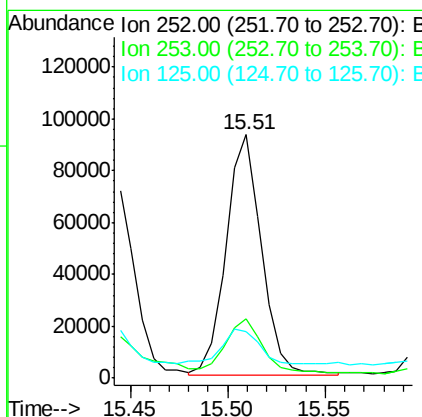
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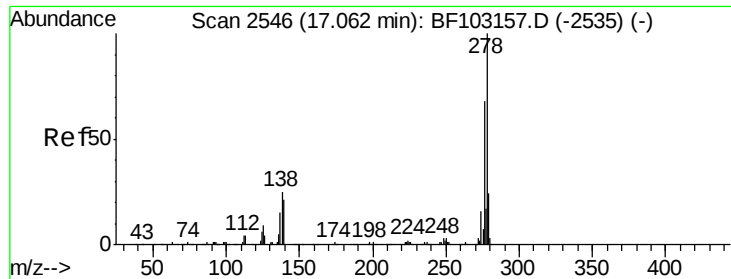
Sohil
3/2/2018 3:30:38 PM



#89
Benzo(a)pyrene
Concen: 12.769 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	19.0	9.8	14.6





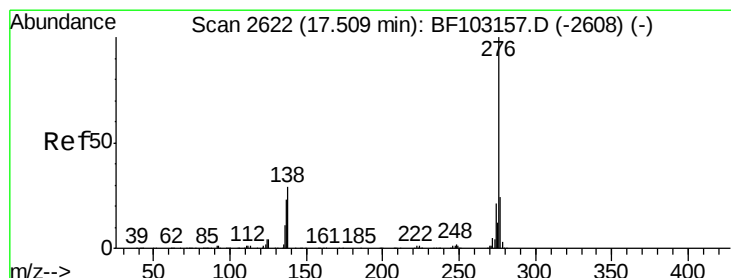
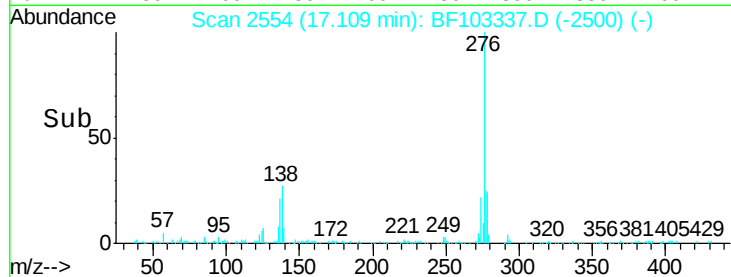
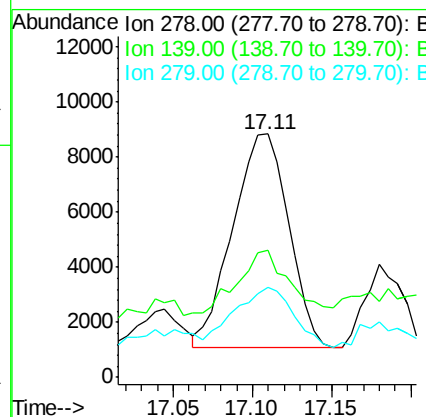
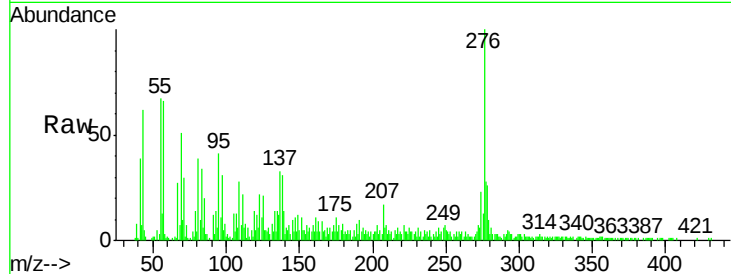
#90
Dibenzo(a,h)anthracene
Concen: 2.692 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.02 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Instrument :
BNA_F
ClientSampleId :
SP-30

Tot Ion	Ratio	Lower	Upper
278	100		
139	52.5	15.9	23.9#
279	37.1	19.0	28.4#

Manual Integrations
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3/2/2018 3:30:38 PM



#91
Benzo(g,h,i)perylene
Concen: 9.727 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103337.D
Acq: 1 Mar 2018 15:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	31.1	21.8	32.8

