

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103332.D
 Acq On : 1 Mar 2018 13:15
 Operator : SJ/JU
 Sample : J1720-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-29

Manual Integrations
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Sohil
 3/2/2018 3:30:28 PM

Quant Time: Mar 01 14:22:36 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	168147	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	672978	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	262099	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	366028	20.00	ng	0.00
75) Chrysene-d12	14.06	240	273175	20.00	ng	0.00
86) Perylene-d12	15.57	264	225571	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1123277	101.04	ng	0.01
7) Phenol-d6	6.52	99	1348000	99.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	904399	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	180954	81.57	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1219014	78.71	ng	0.00
78) Terphenyl-d14	12.99	244	781737	68.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	135979	6.467	ng	100
70) Phenanthrene	11.43	178	216431	10.744	ng	99
71) Anthracene	11.48	178	64181	3.107	ng	99
74) Fluoranthene	12.62	202	393192	19.424	ng	99
77) Pyrene	12.86	202	378889	17.790	ng	99
80) Benzo(a)anthracene	14.04	228	203277	11.469	ng	97
82) Chrysene	14.09	228	188008	10.924	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	79269	5.818	ng	98
87) Benzo(b)fluoranthene	15.12	252	225698m	15.218	ng	
88) Benzo(k)fluoranthene	15.15	252	86312m	6.180	ng	
89) Benzo(a)pyrene	15.50	252	153100	11.560	ng	# 92
90) Dibenzo(a,h)anthracene	17.10	278	21652	2.116	ng	# 70
91) Benzo(a,h,i)perylene	17.57	276	78719	7.870	ng	# 91

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

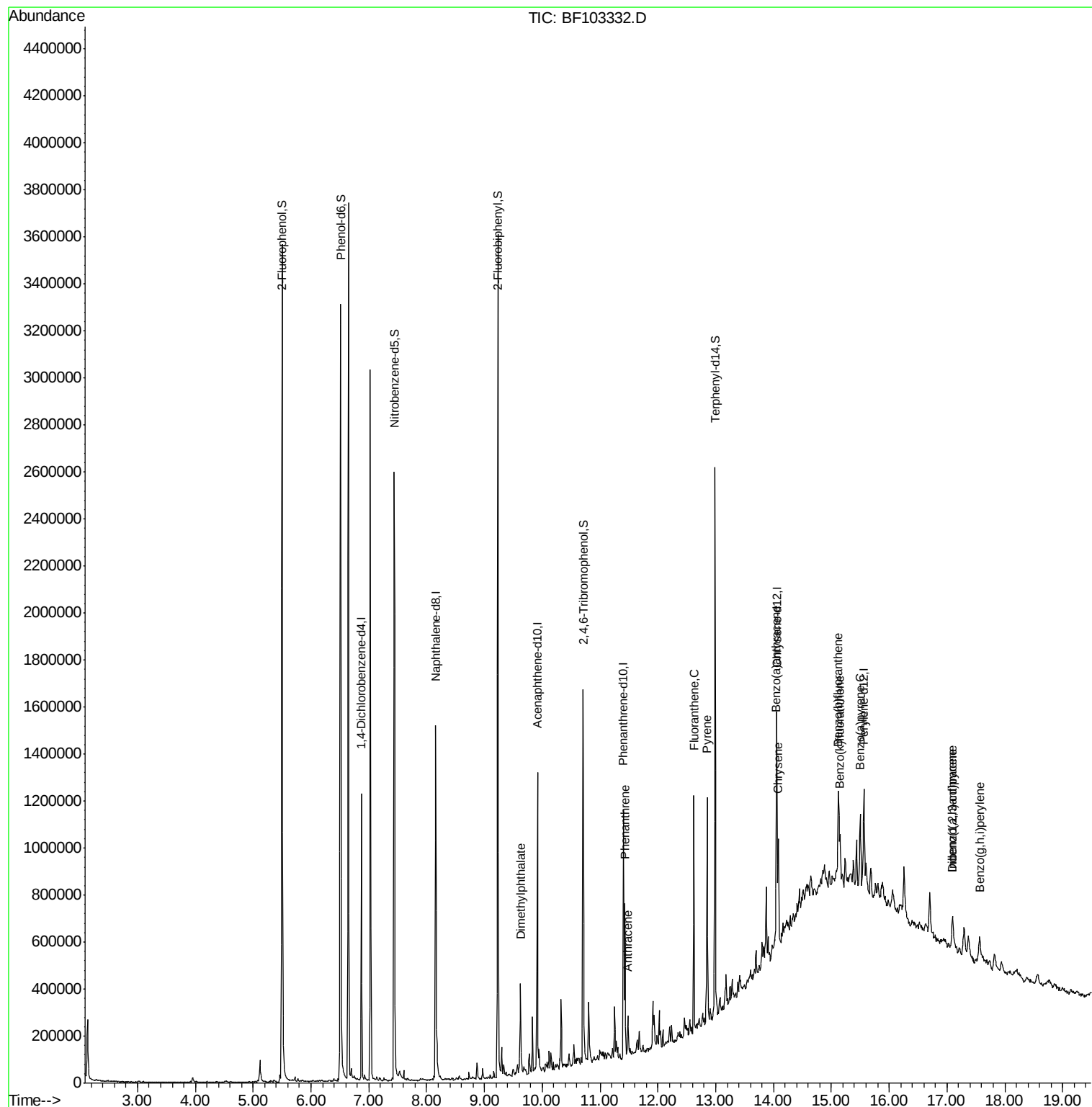
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103332.D
Acq On : 1 Mar 2018 13:15
Operator : SJ/JU
Sample : J1720-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

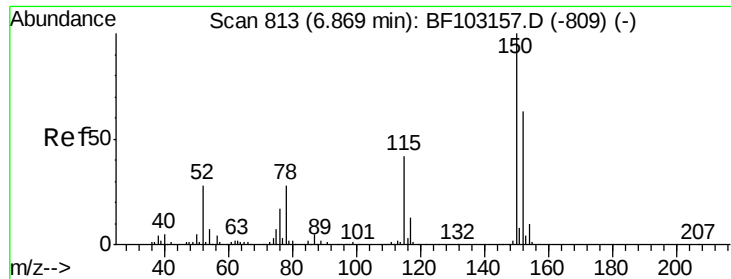
Instrument :
BNA_F
ClientSampled :
SP-29

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Quant Time: Mar 01 14:22:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

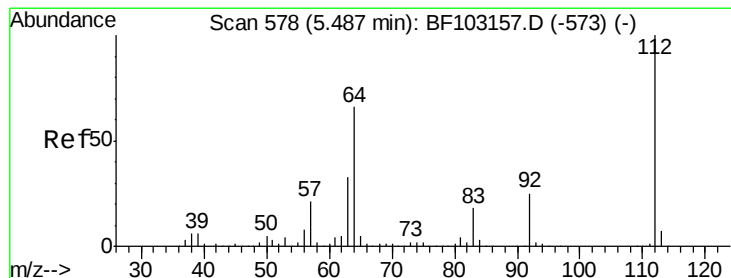
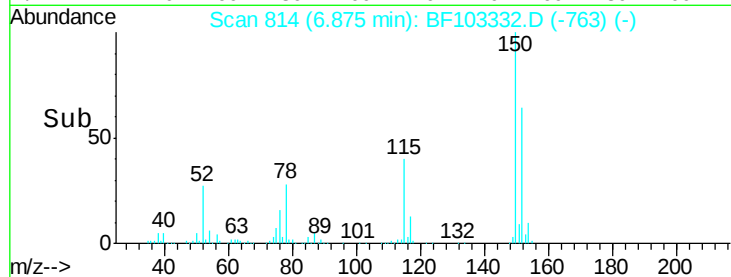
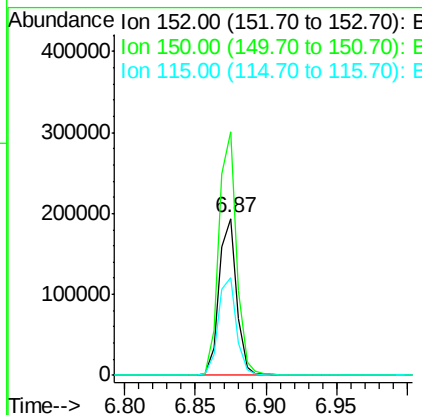
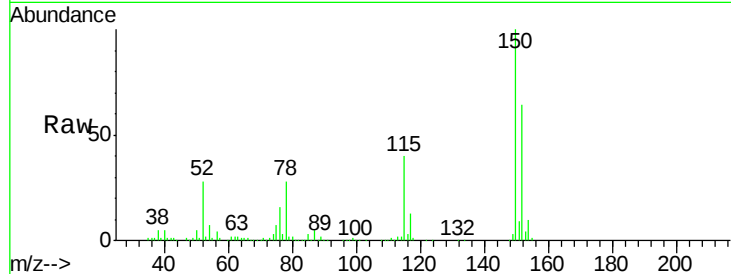
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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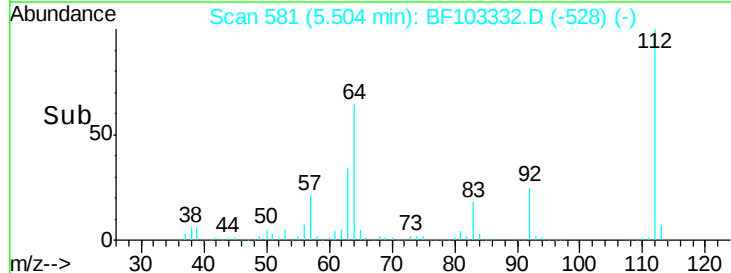
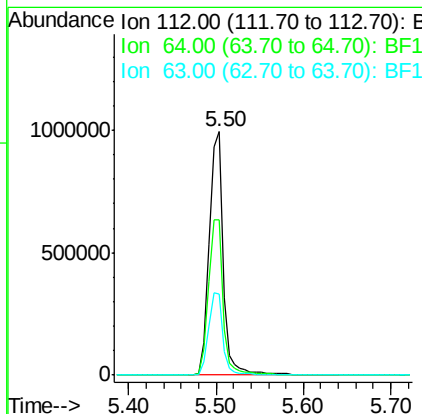
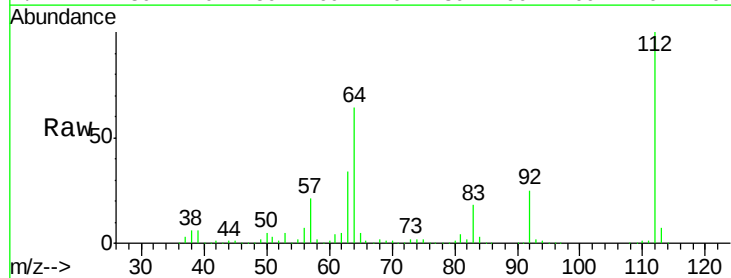
Sohil
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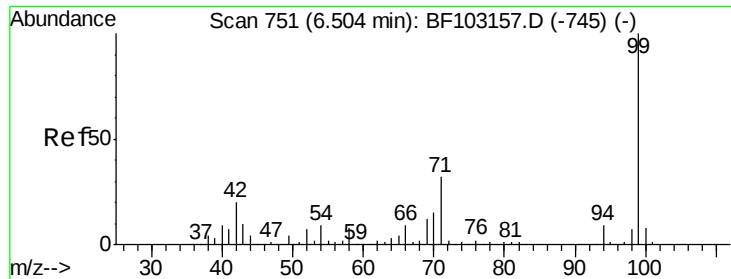


#5

2-Fluorophenol
Concen: 101.035 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 99.087 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103332.D

Acq: 1 Mar 2018 13:15

Instrument :

BNA_F

ClientSampled :

SP-29

Tot Ion: 99 Resp: 1348000

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

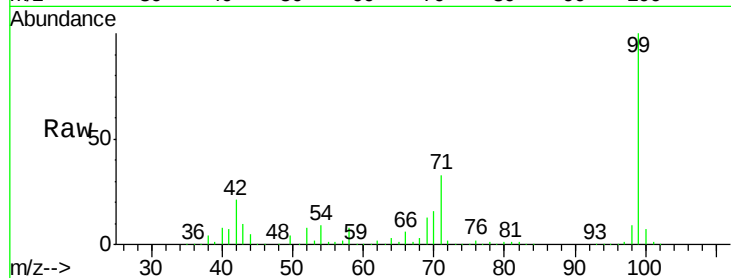
71 32.9 25.4 38.0

Manual Integrations

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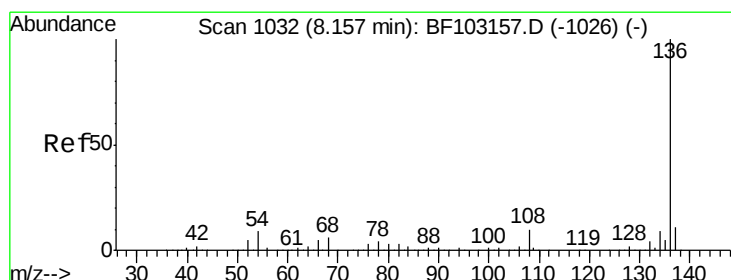
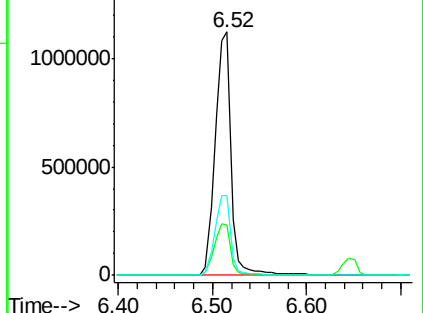
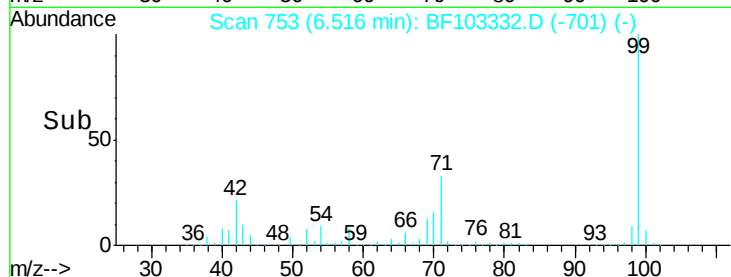
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF103332.D

Acq: 1 Mar 2018 13:15

Tgt Ion:136 Resp: 672978

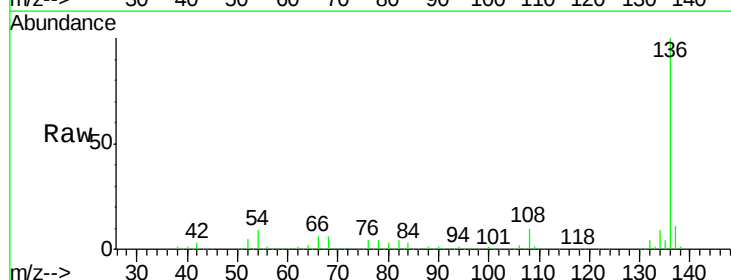
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

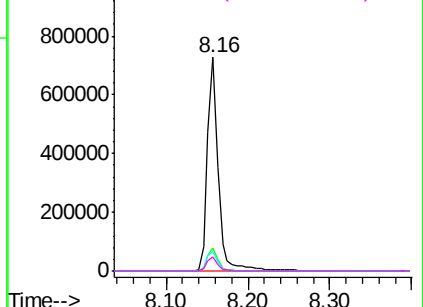
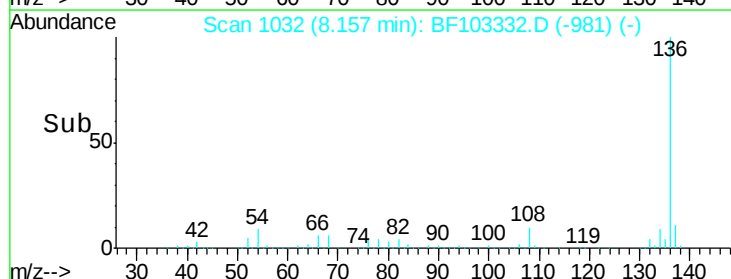


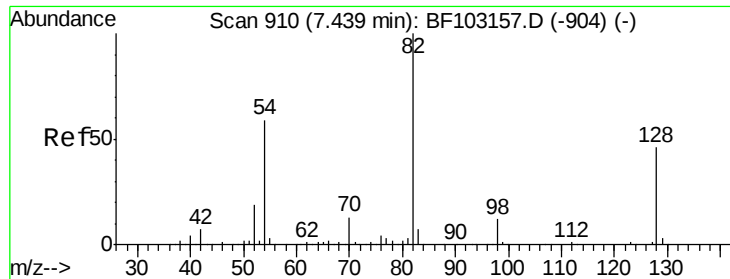
Abundance Ion 136.00 (135.70 to 136.70): E

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





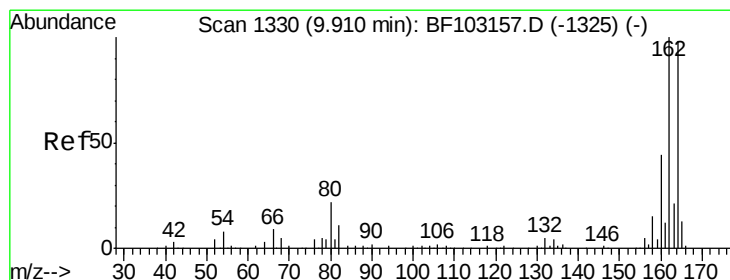
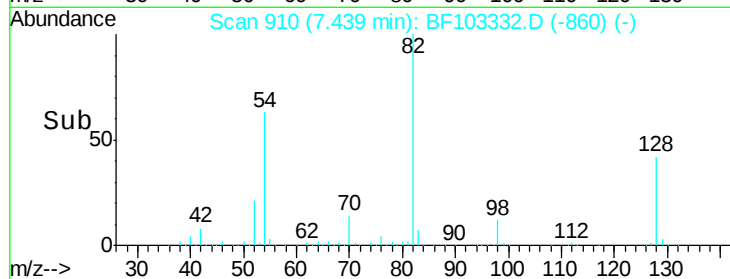
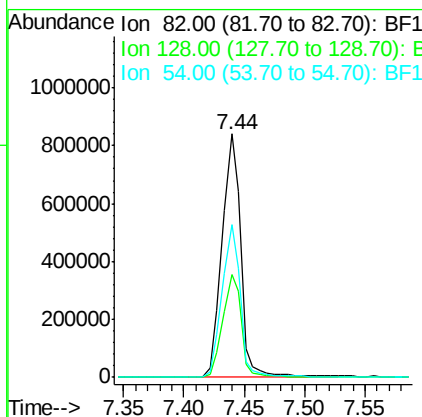
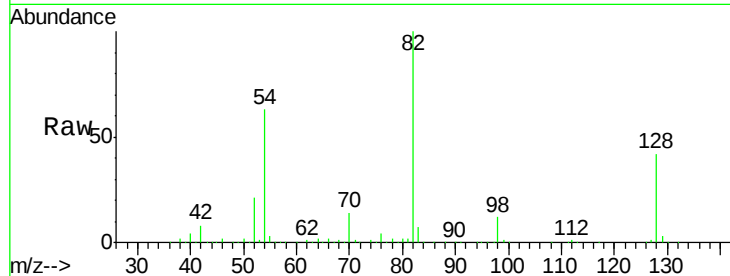
#23
 Nitrobenzene-d5
 Concen: 76.747 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Instrument :
 BNA_F
 ClientSampled :
 SP-29

Tot Ion	82	Resp	904399
Ion Ratio	100	Lower	Upper
128	42.0	36.1	54.1
54	62.6	41.4	62.2#

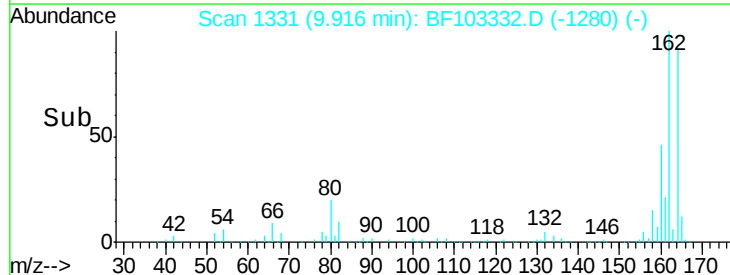
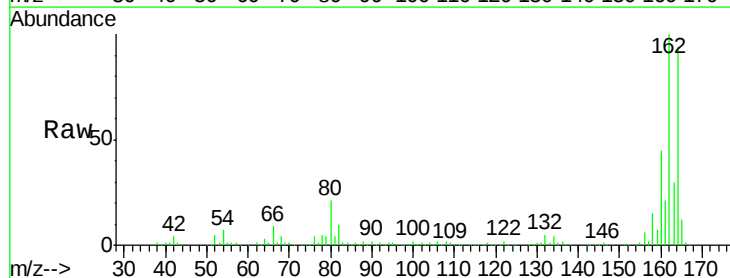
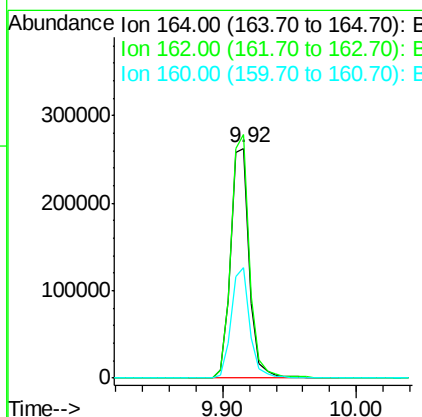
Manual Integrations
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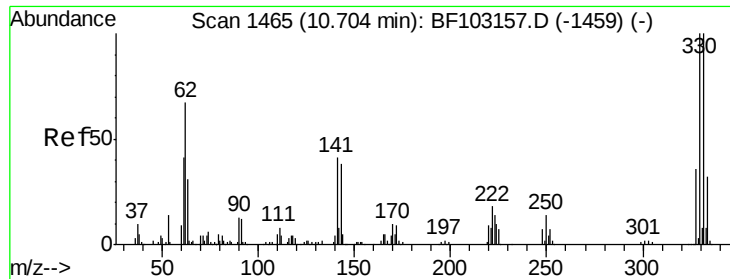
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Tgt Ion	164	Resp	262099
Ion Ratio	100	Lower	Upper
162	105.8	86.1	129.1
160	48.1	38.3	57.5





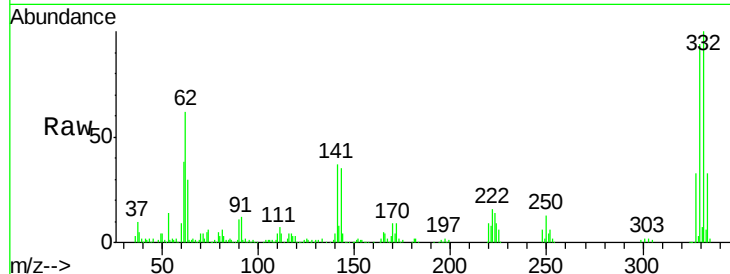
#41
 2,4,6-Tribromophenol
 Concen: 81.565 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Instrument :
 BNA_F
 ClientSampled :
 SP-29

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	47.9	29.9	44.9

Manual Integrations
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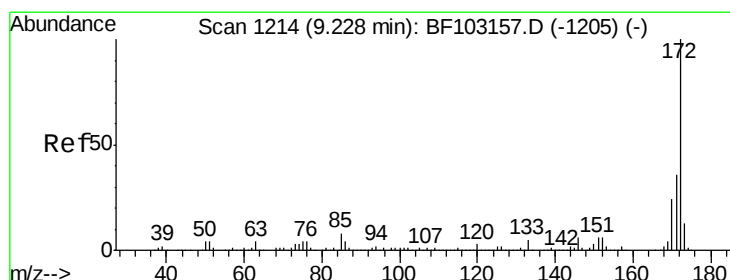
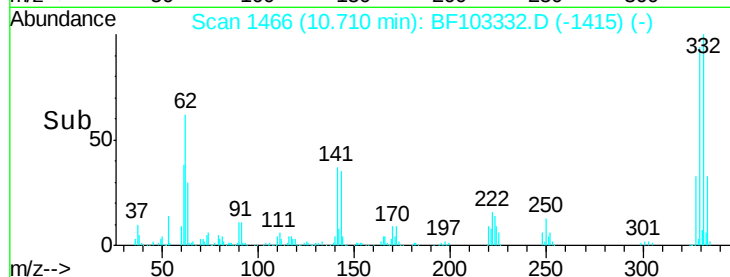
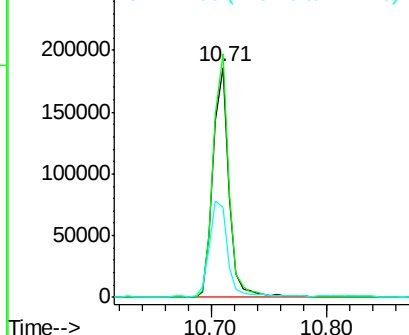


Abundance

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: 78.709 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

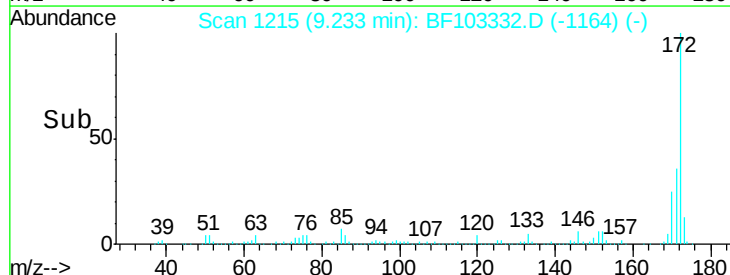
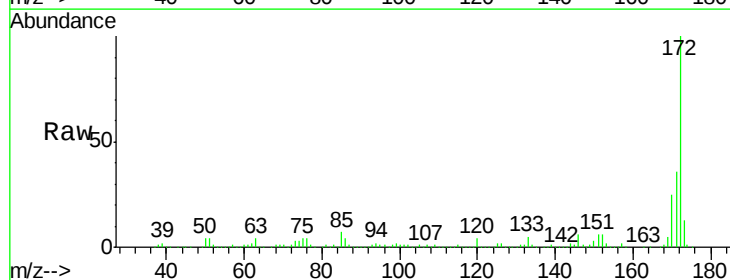
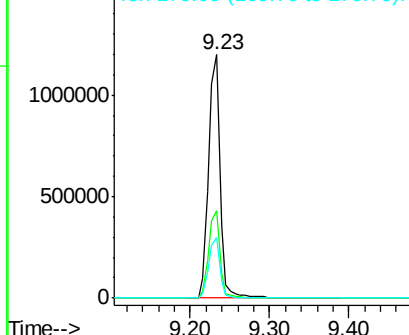
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.8	19.6	29.4

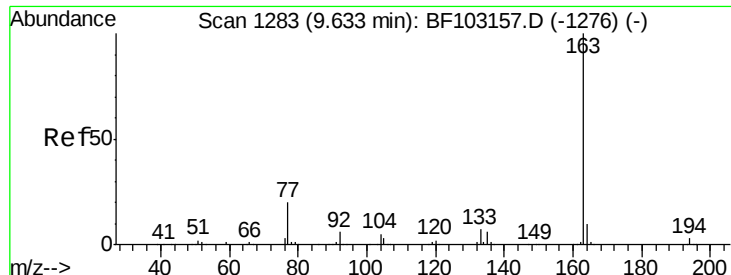
Abundance

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





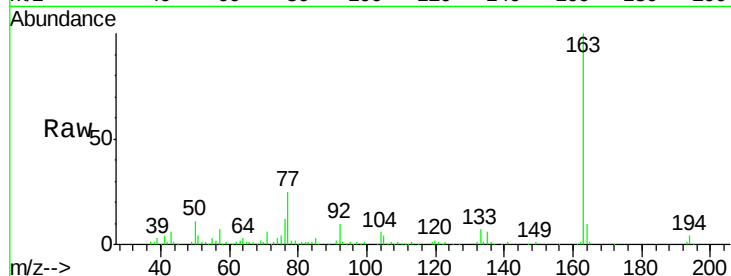
#49
Dimethylphthalate
Concen: 6.467 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

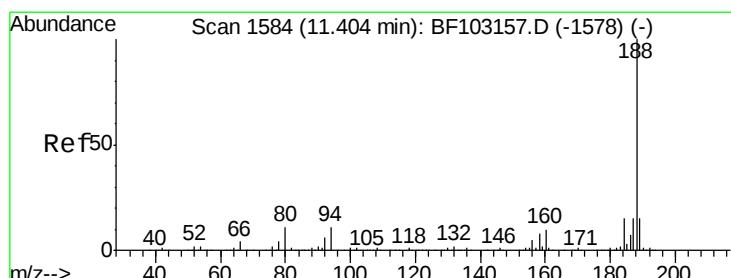
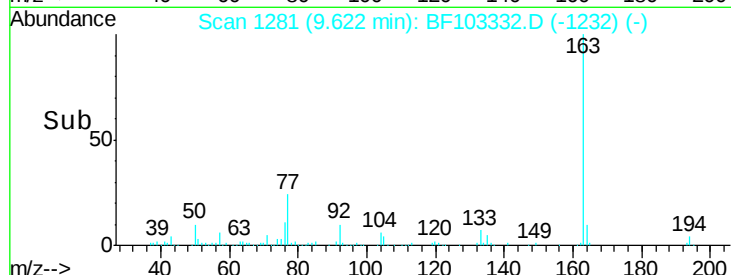
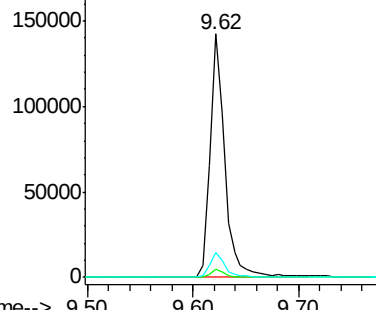
Tot Ion	Ratio	Resp	Lower	Upper
163	100	135979		
194	3.5		2.7	4.1
164	10.1		8.2	12.2

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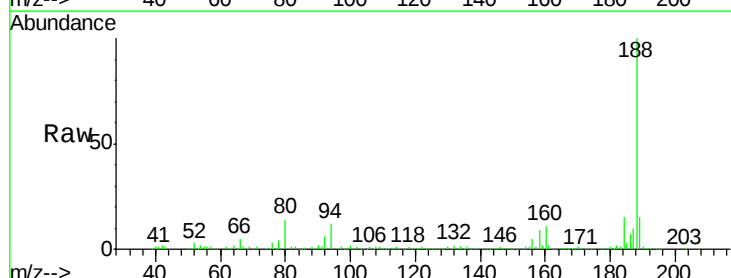


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

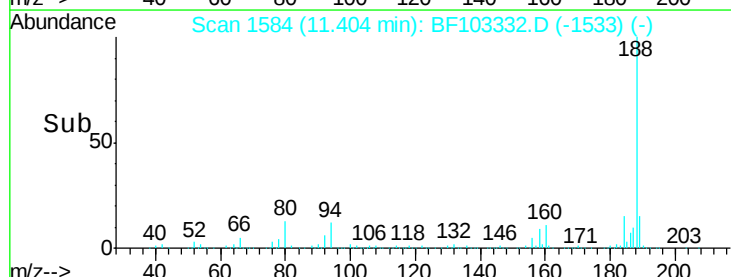
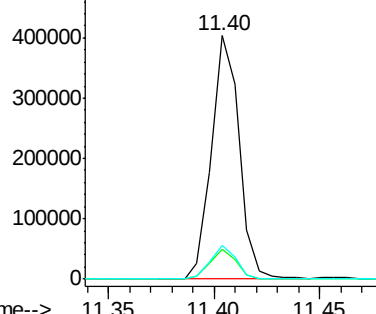


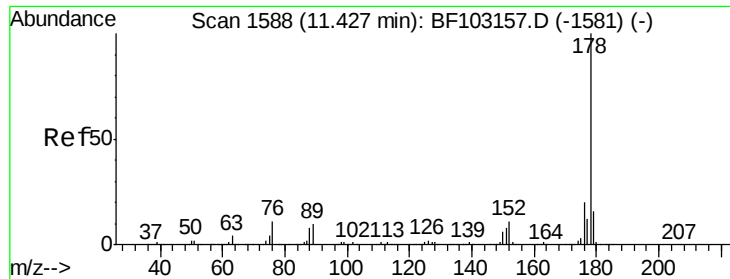
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	366028		
94	12.1		8.5	12.7
80	13.6		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





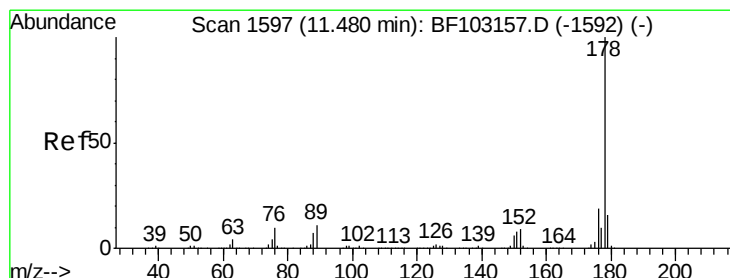
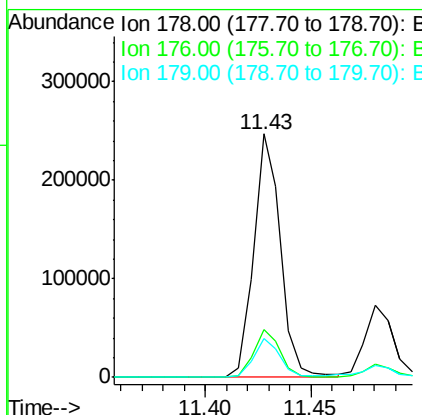
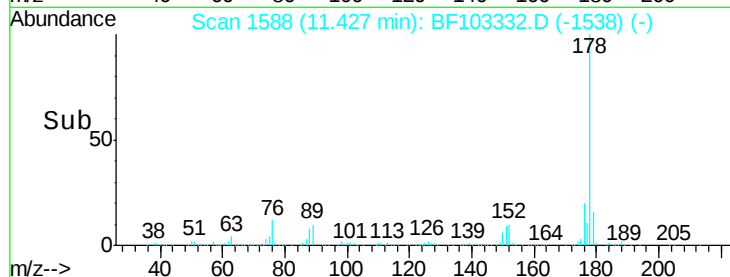
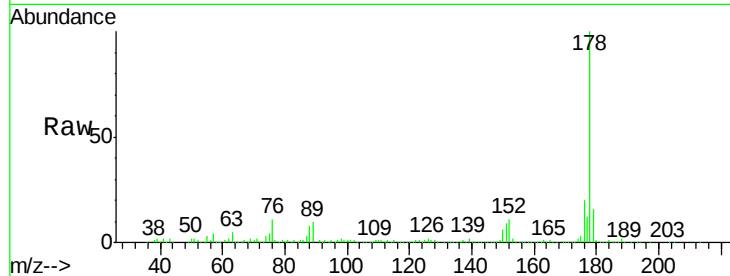
#70
Phenanthrene
Concen: 10.744 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	13.0	19.6

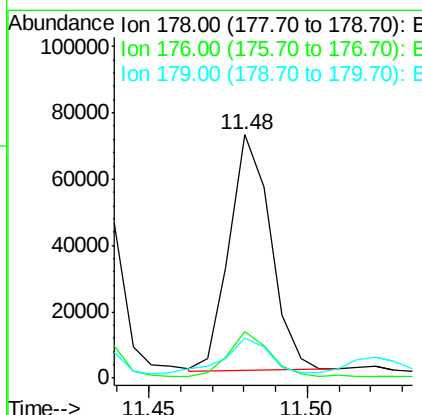
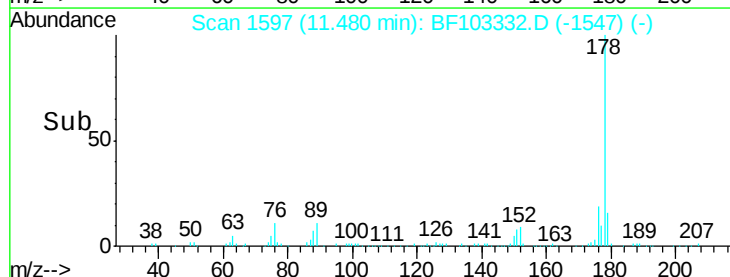
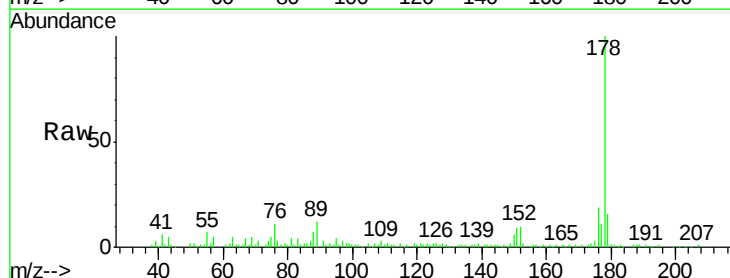
Manual Integrations
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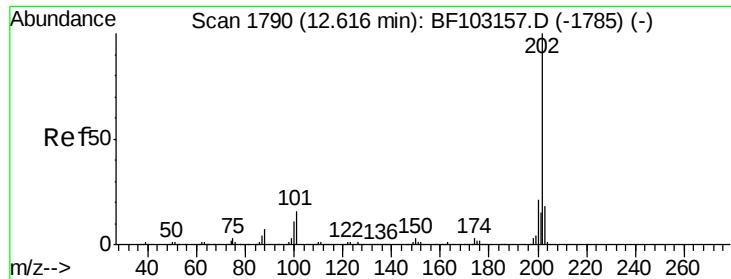
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#71
Anthracene
Concen: 3.107 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.2	12.6	19.0





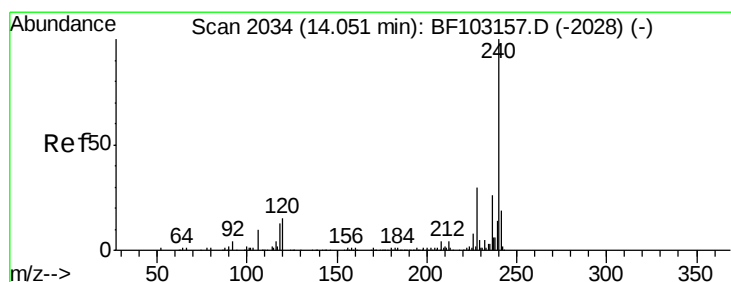
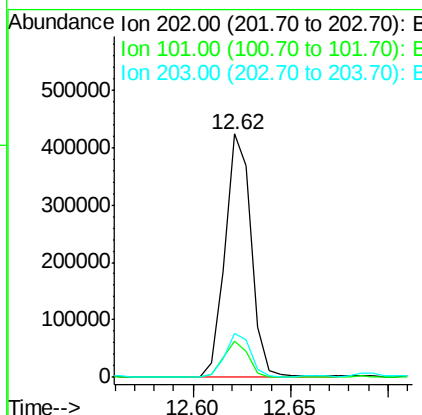
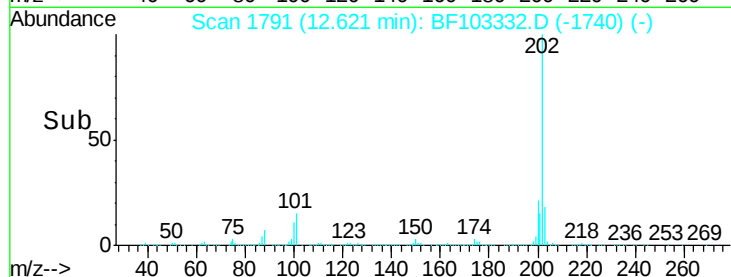
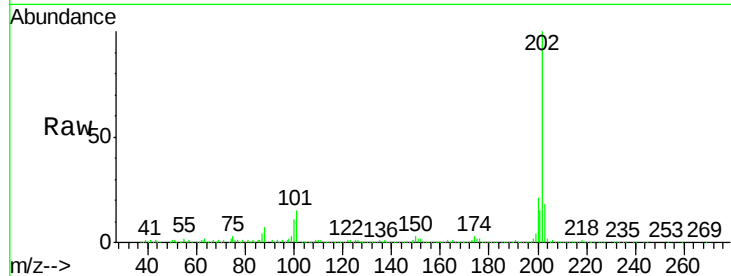
#74
Fluoranthene
Concen: 19.424 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	0.0	34.1
203	17.8	0.0	38.1

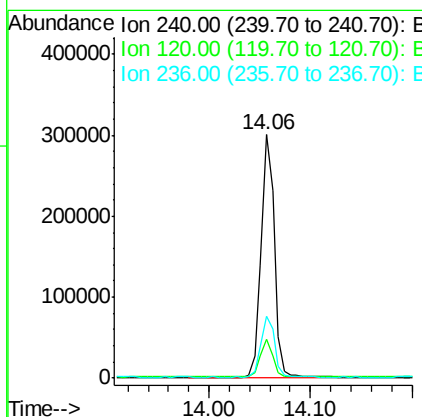
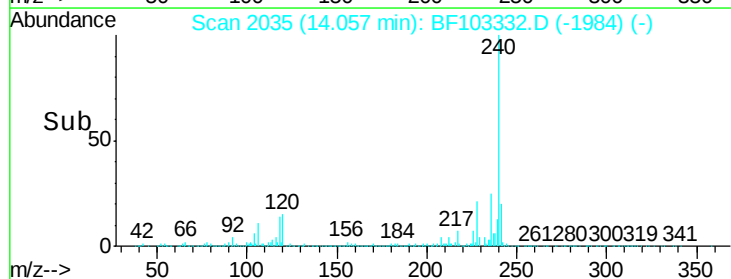
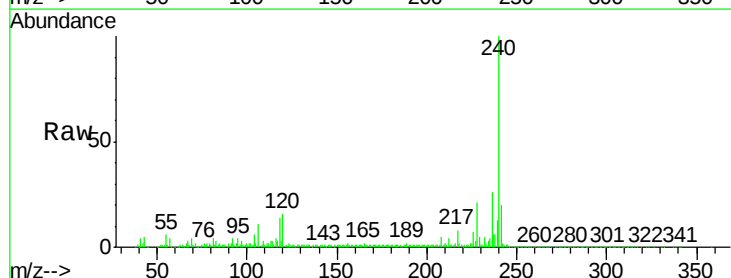
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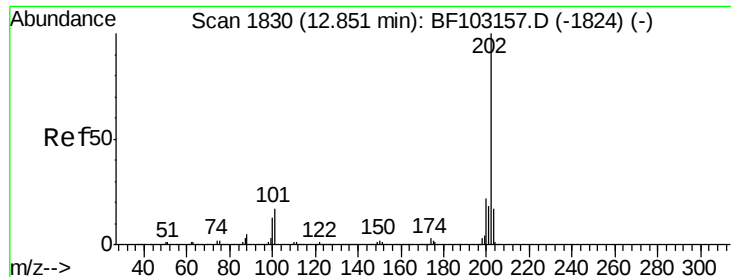
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.5	20.7	31.1





#77

Pvrene

Concen: 17.790 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103332.D

Acq: 1 Mar 2018 13:15

Instrument :

BNA_F

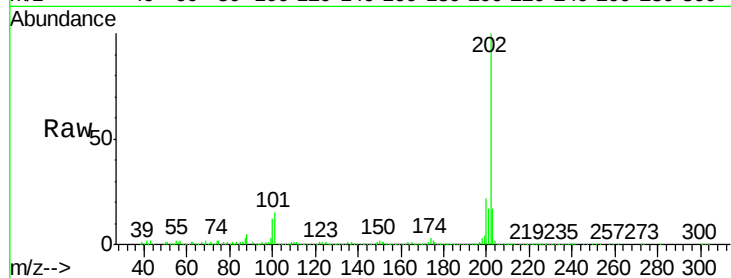
ClientSampled :

SP-29

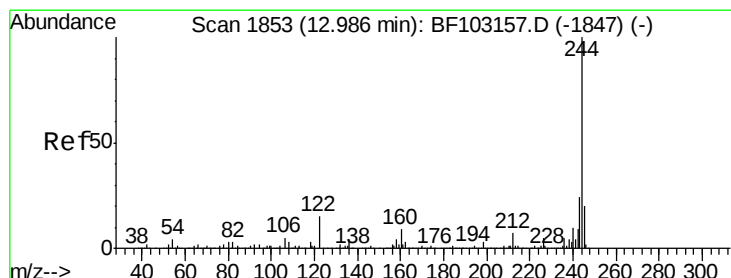
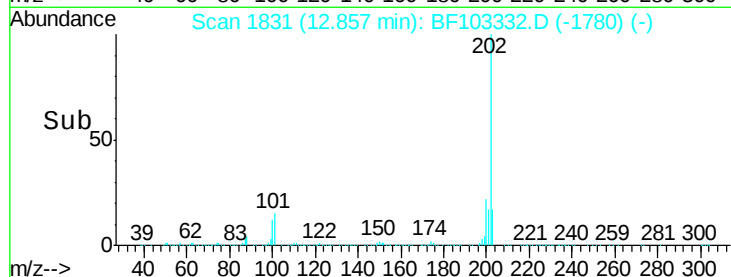
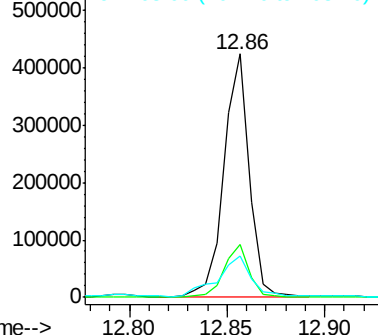
Tot Ion:	202	Resp:	378889
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.2	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.791 ng

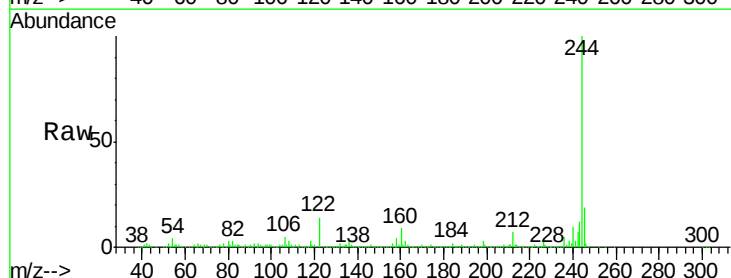
RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

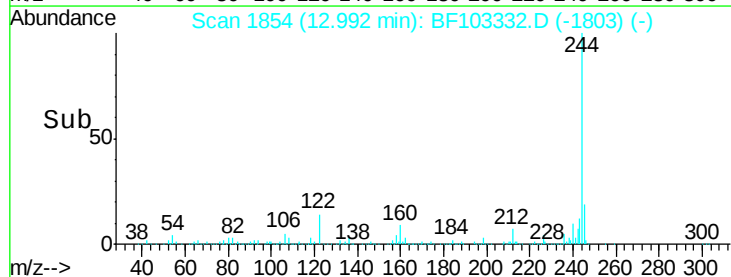
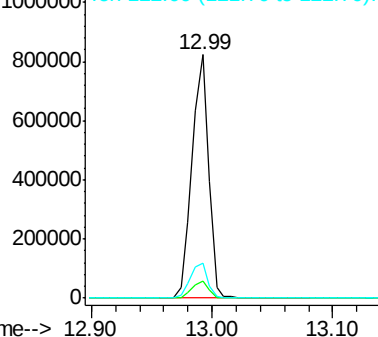
Lab File: BF103332.D

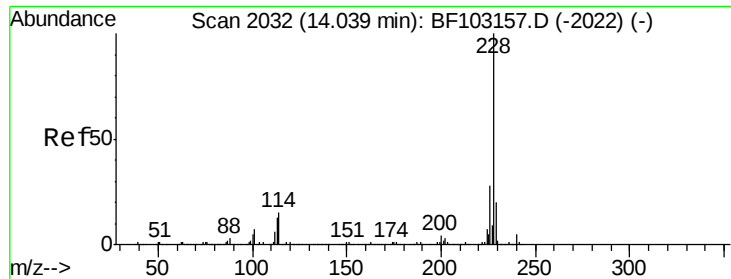
Acq: 1 Mar 2018 13:15

Tgt Ion:	244	Resp:	781737
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.1	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





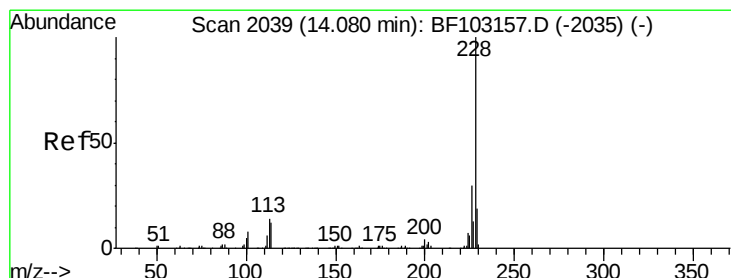
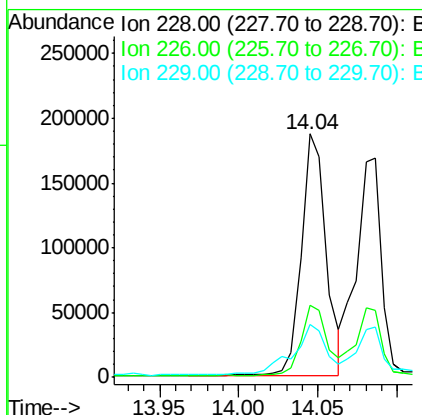
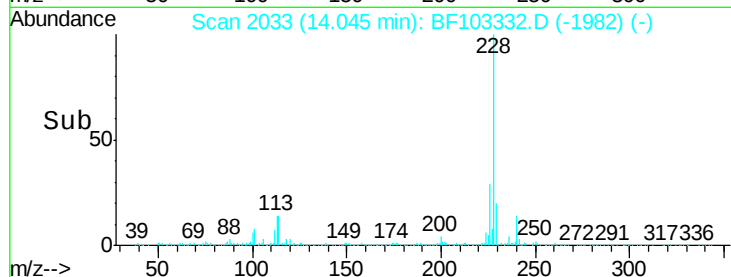
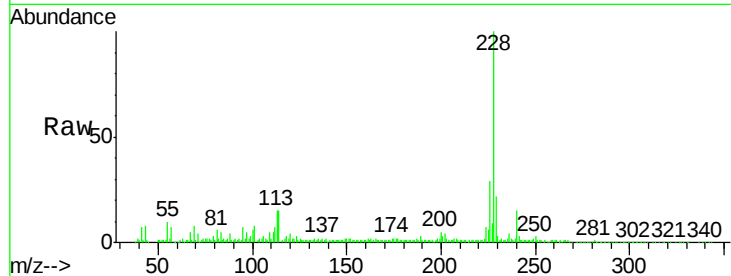
#80
Benzo(a)anthracene
Concen: 11.469 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.5	15.8	23.6

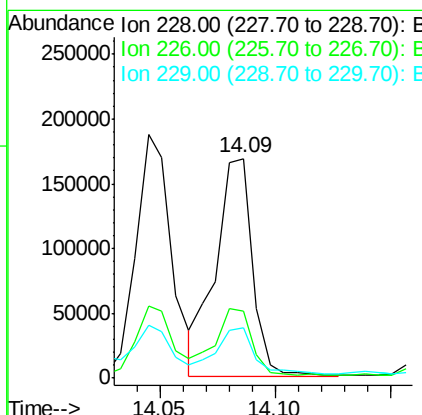
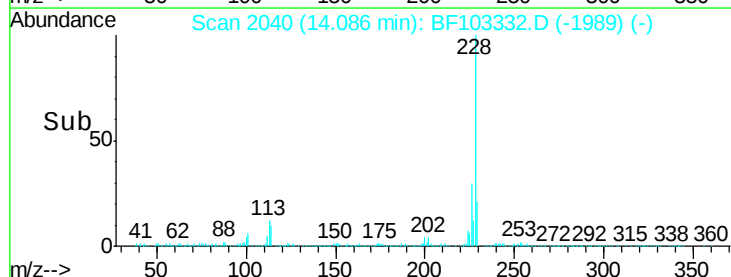
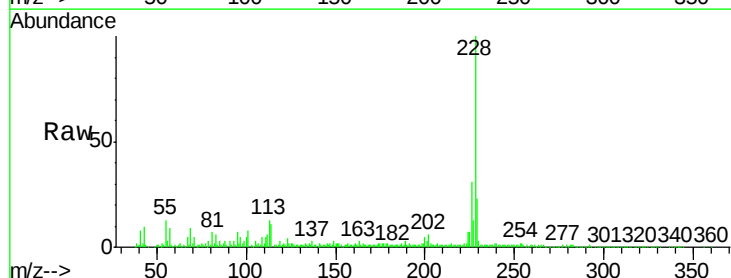
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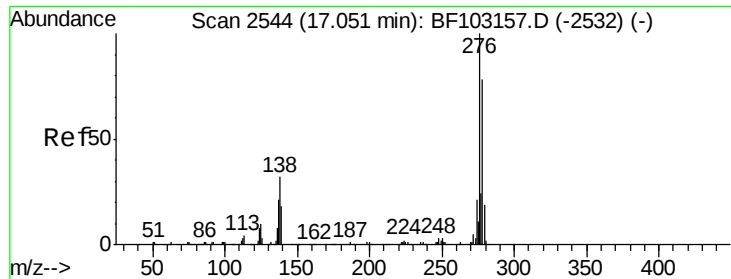
Sohil
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#82
Chrysene
Concen: 10.924 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.8	16.2	24.4





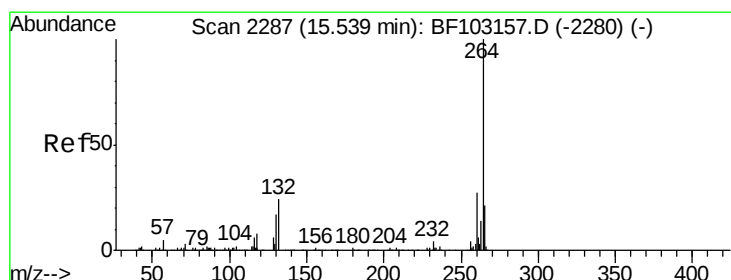
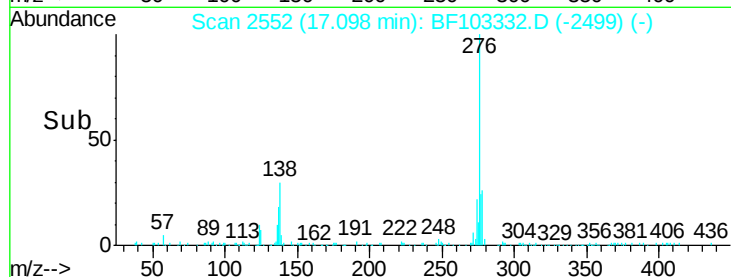
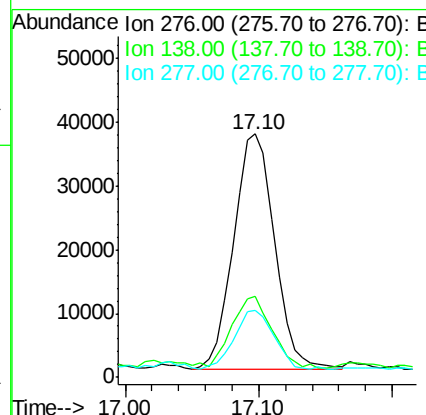
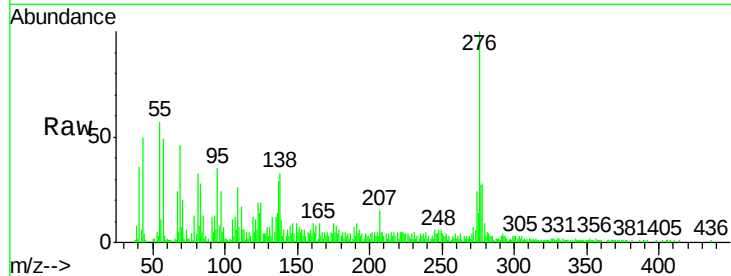
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.818 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Instrument :
 BNA_F
 ClientSampled :
 SP-29

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	24.2	20.1	30.1

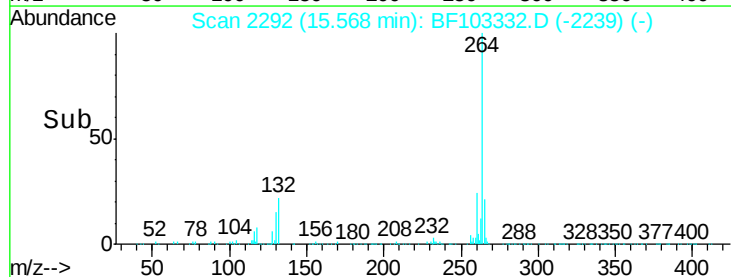
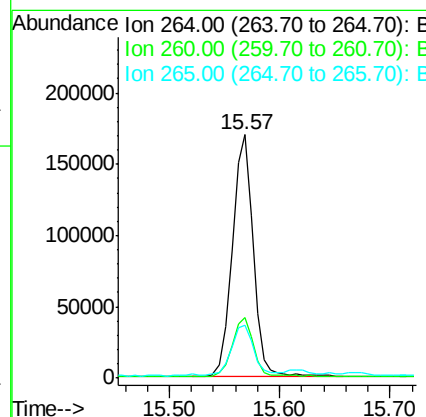
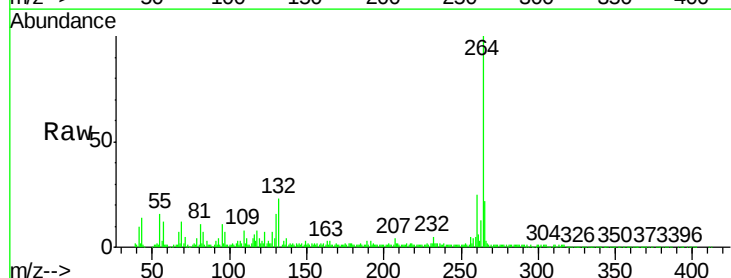
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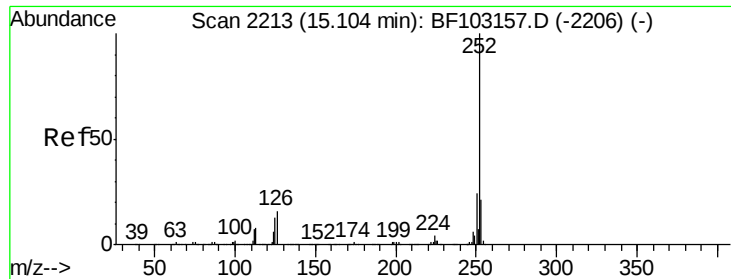
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 15.218 ng m

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103332.D

Acq: 1 Mar 2018 13:15

Instrument :

BNA_F

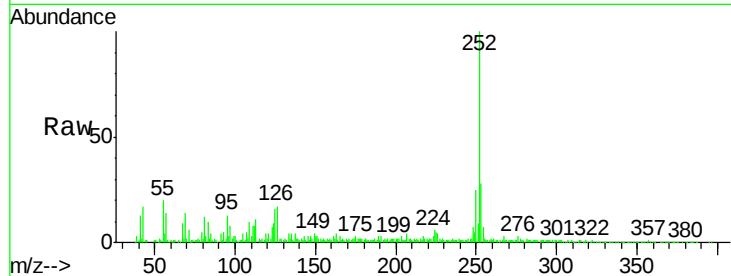
ClientSampleId :

SP-29

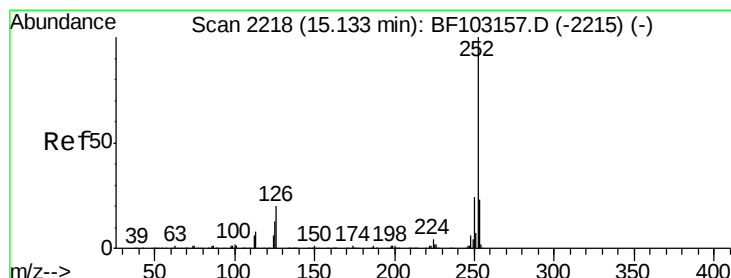
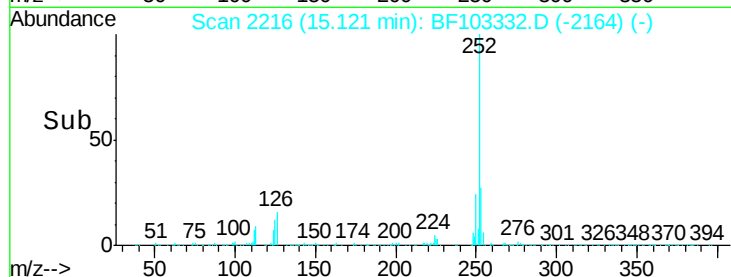
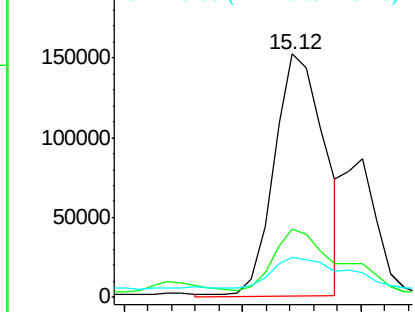
Tot Ion:	252	Resp:	225698
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.0	25.6#
125	16.4	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.180 ng m

RT: 15.15 min Scan# 2221

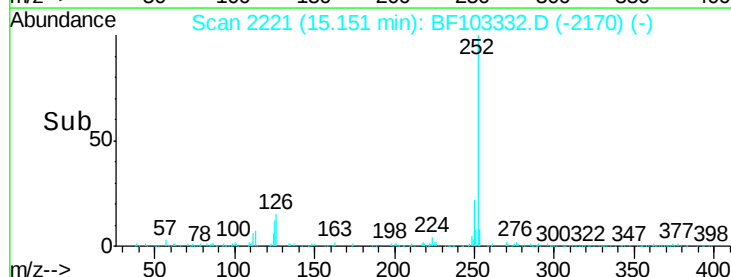
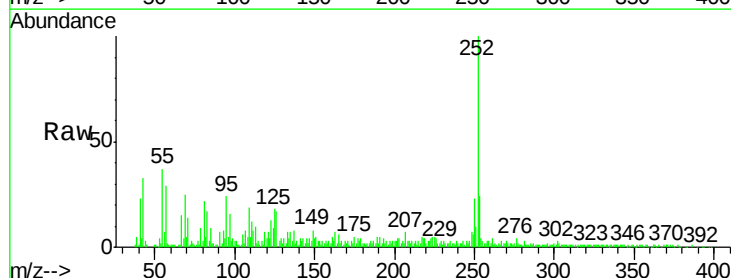
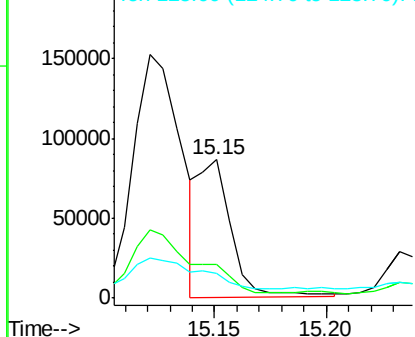
Delta R.T. -0.00 min

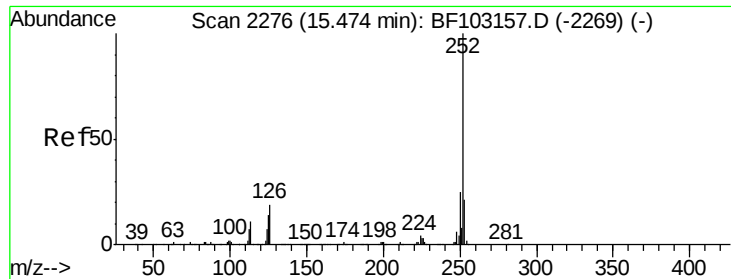
Lab File: BF103332.D

Acq: 1 Mar 2018 13:15

Tgt Ion:	252	Resp:	86312
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.9	26.9
125	18.0	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





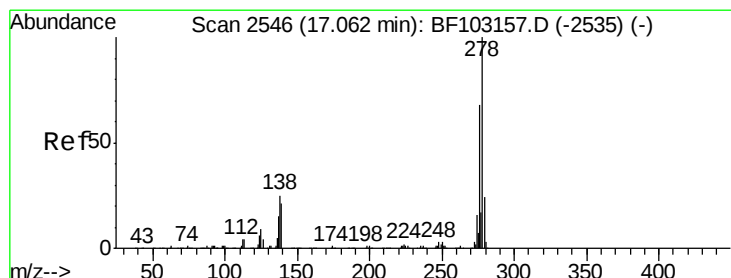
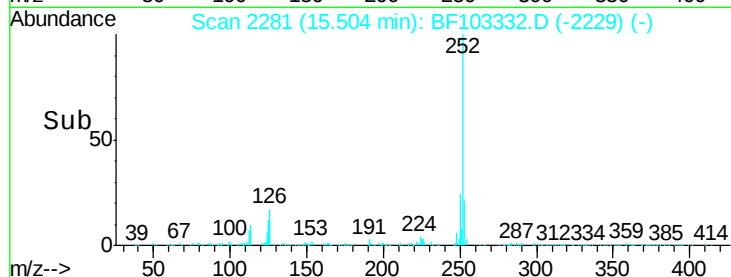
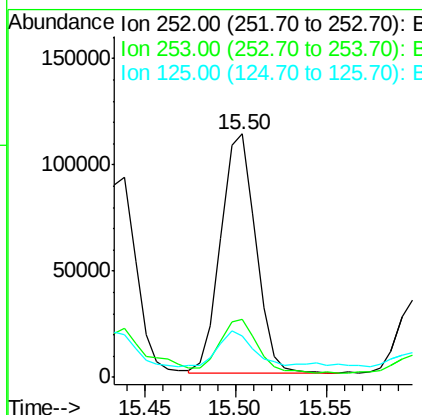
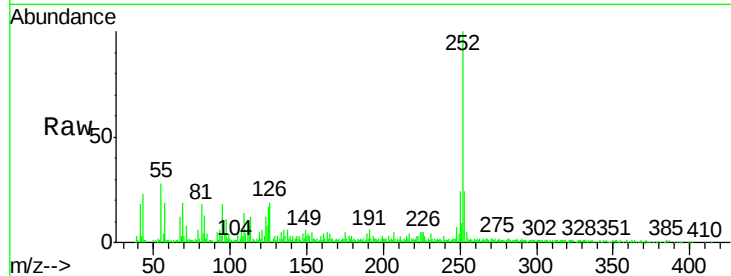
#89
Benzo(a)pyrene
Concen: 11.560 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Instrument :
BNA_F
ClientSampled :
SP-29

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	17.2	9.8	14.6

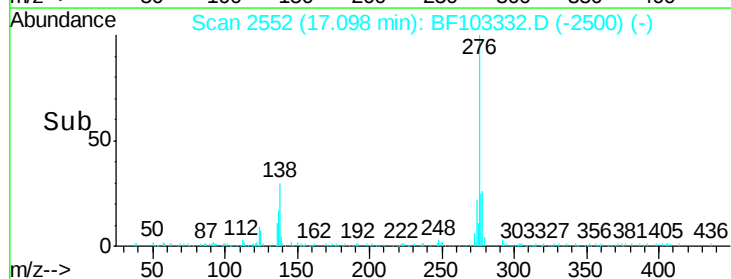
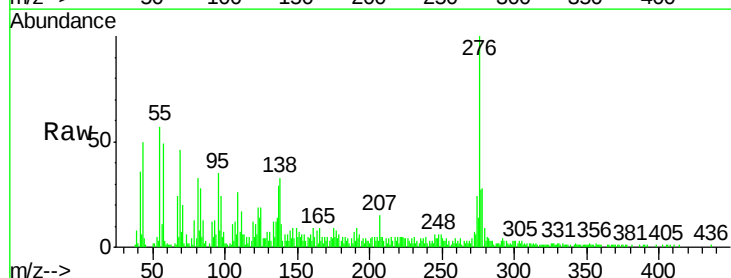
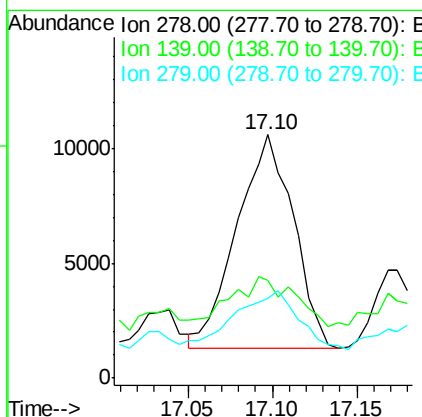
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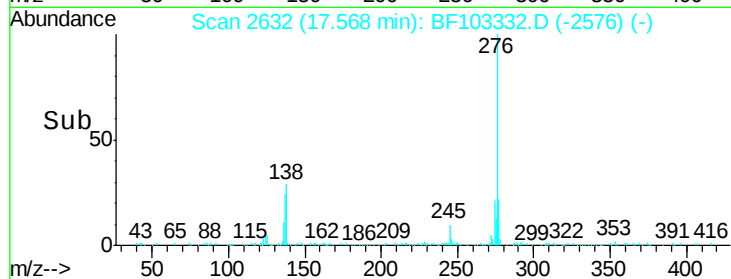
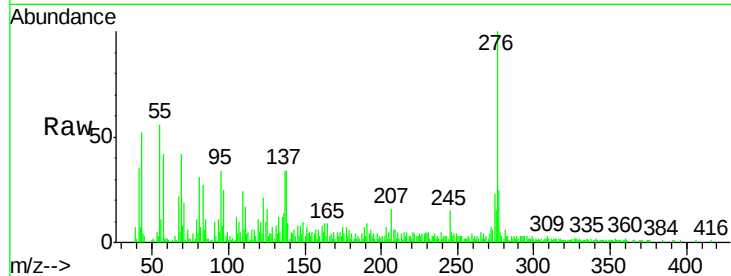
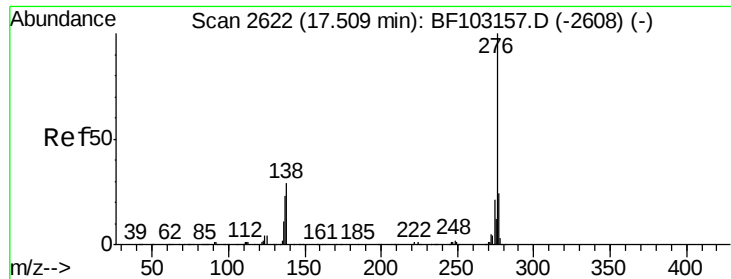
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.116 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103332.D
Acq: 1 Mar 2018 13:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.2	15.9	23.9
279	32.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 7.870 ng
 RT: 17.57 min Scan# 2632
 Delta R.T. 0.03 min
 Lab File: BF103332.D
 Acq: 1 Mar 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-29

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	33.6	21.8	32.8

Manual Integrations
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