

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103338.D
 Acq On : 1 Mar 2018 15:56
 Operator : SJ/JU
 Sample : J1720-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-49

Manual Integrations
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Sohil
 3/2/2018 3:30:40 PM

Quant Time: Mar 02 09:50:16 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	150488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563089	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	197862	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	296140	20.00	ng	0.00
75) Chrysene-d12	14.06	240	201262	20.00	ng	0.00
86) Perylene-d12	15.57	264	138960	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1104223	110.98	ng	0.01
7) Phenol-d6	6.52	99	1272540	104.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	823604	83.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	155525	92.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1019874	90.03	ng	0.00
78) Terphenyl-d14	13.00	244	711767	85.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	131806	8.304	ng	98
70) Phenanthrene	11.43	178	161597	9.915	ng	98
71) Anthracene	11.49	178	56111	3.358	ng	97
74) Fluoranthene	12.63	202	335631	20.494	ng	98
77) Pyrene	12.86	202	338930	21.599	ng	98
80) Benzo(a)anthracene	14.05	228	154865	11.859	ng	97
82) Chrysene	14.09	228	140227	11.059	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	87739	7.842	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.10	276	53831	5.363	ng	97
87) Benzo(b)fluoranthene	15.13	252	136418m	14.931	ng	
88) Benzo(k)fluoranthene	15.15	252	46100m	5.358	ng	
89) Benzo(a)pyrene	15.50	252	90751	11.123	ng	# 83
90) Dibenzo(a,h)anthracene	17.11	278	15098	2.395	ng	# 57
91) Benzo(a,h,i)perylene	17.57	276	54113	8.782	ng	# 88

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

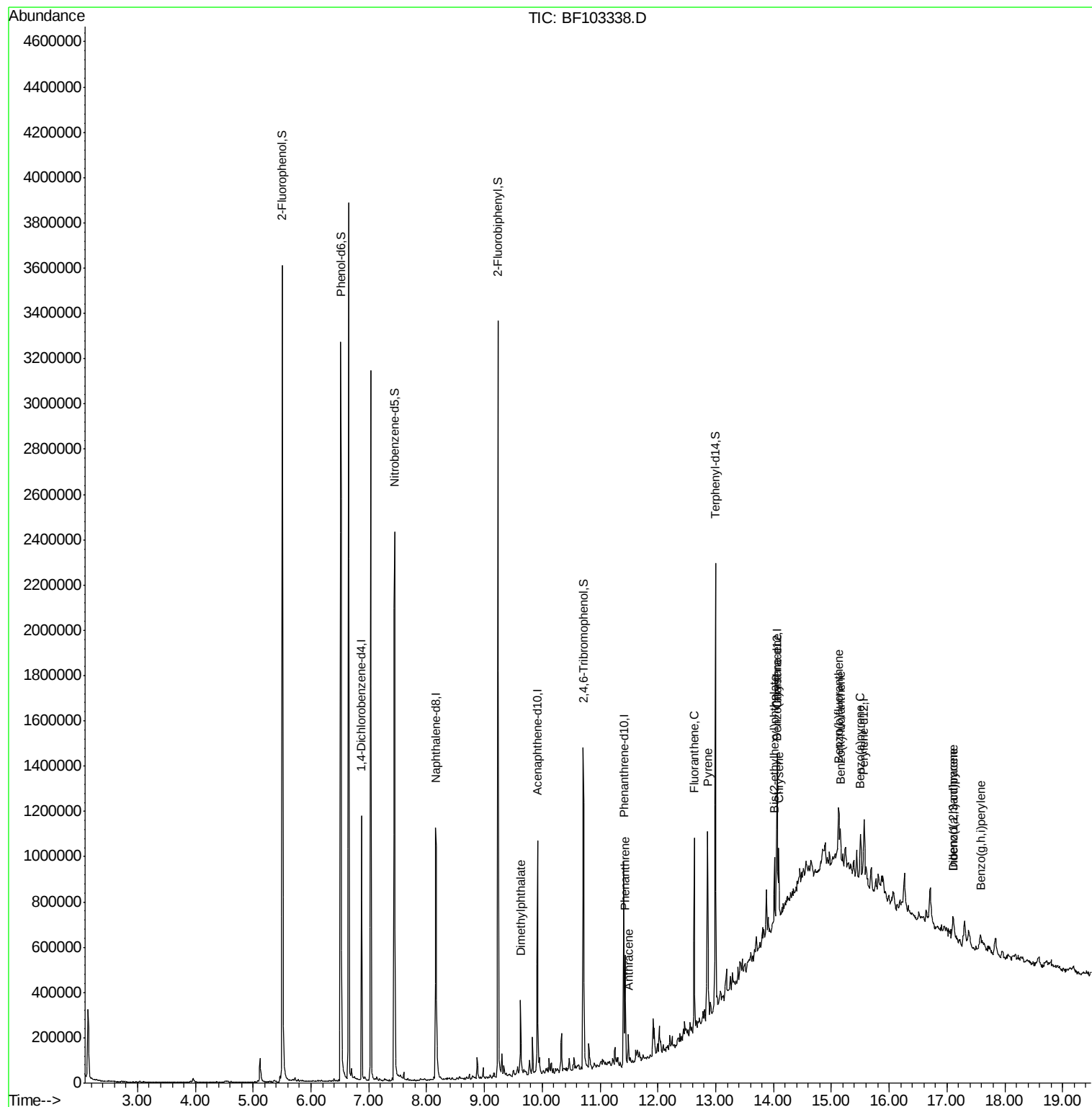
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103338.D
Acq On : 1 Mar 2018 15:56
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

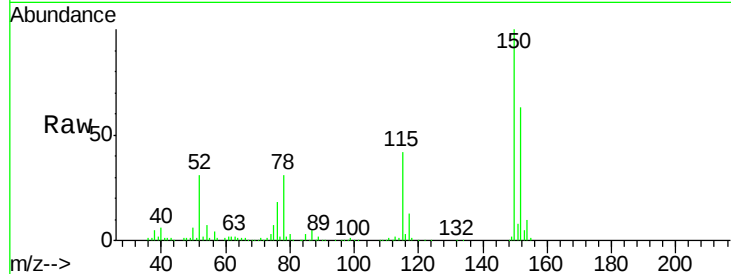
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

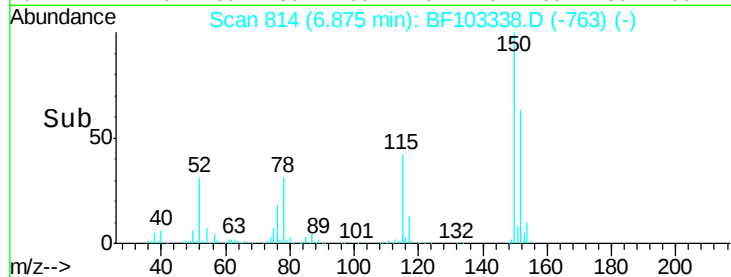
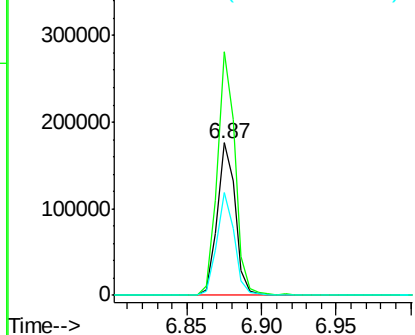
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	67.2	50.1	75.1

Manual Integrations
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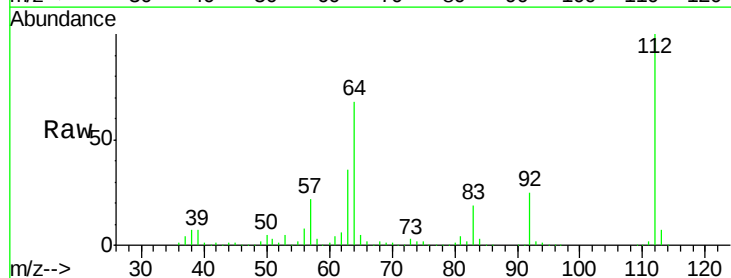
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



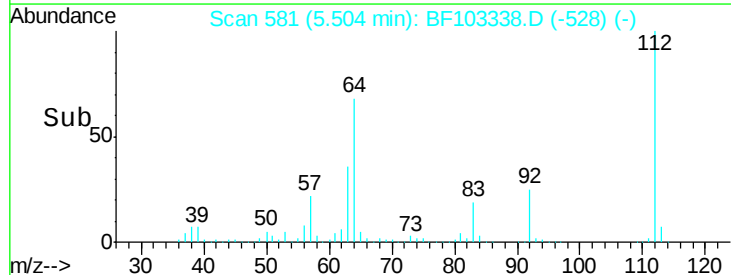
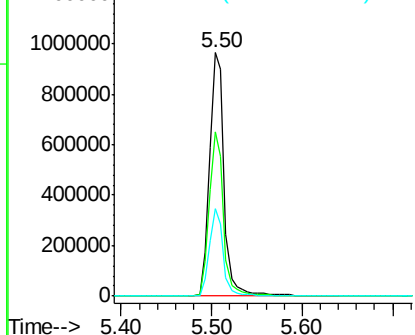
#5

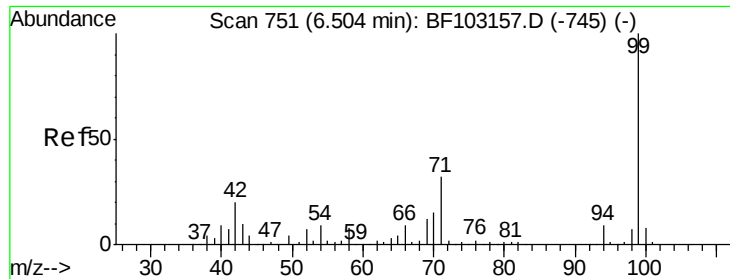
2-Fluorophenol
Concen: 110.976 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.7	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: 104.517 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Instrument :

BNA_F

ClientSampled :

SP-49

Tot Ion: 99 Resp: 1272540

Ion Ratio Lower Upper

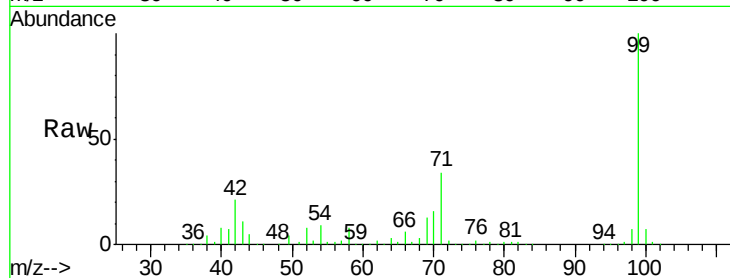
99 100

42 21.4 14.5 21.7

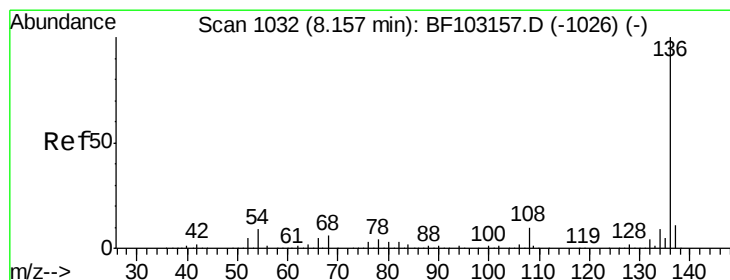
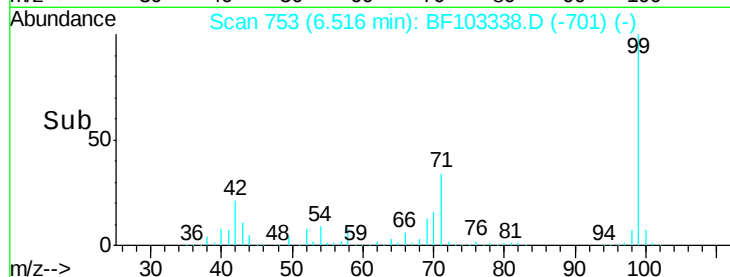
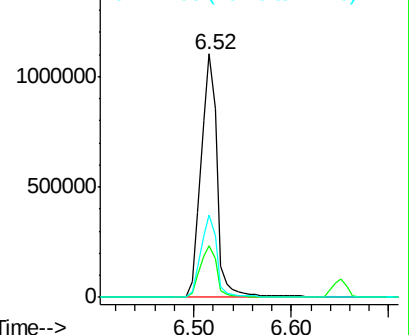
71 33.8 25.4 38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: BF103338.D

Acq: 1 Mar 2018 15:56

Tgt Ion: 136 Resp: 563089

Ion Ratio Lower Upper

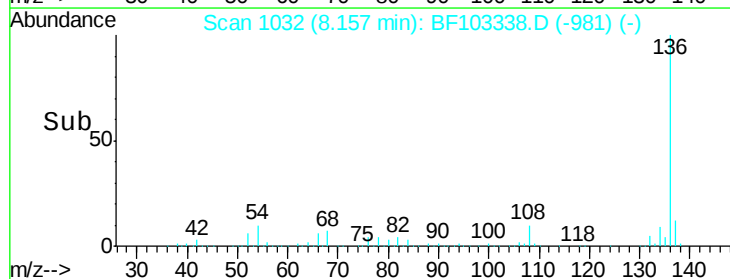
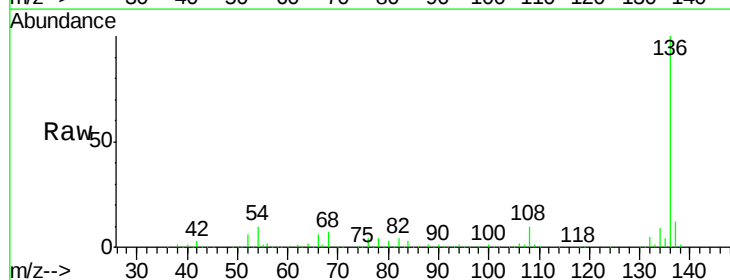
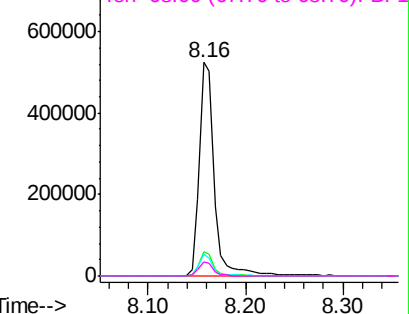
136 100

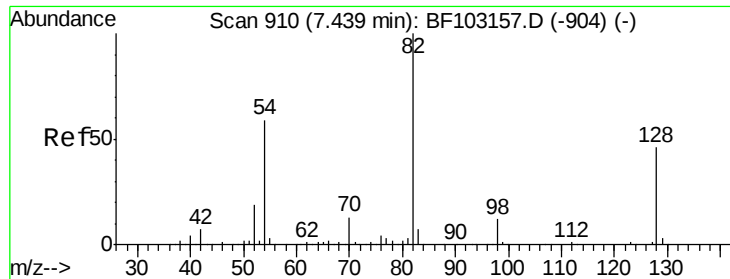
137 11.6 8.9 13.3

54 10.3 6.6 9.8#

68 6.9 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
800000
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





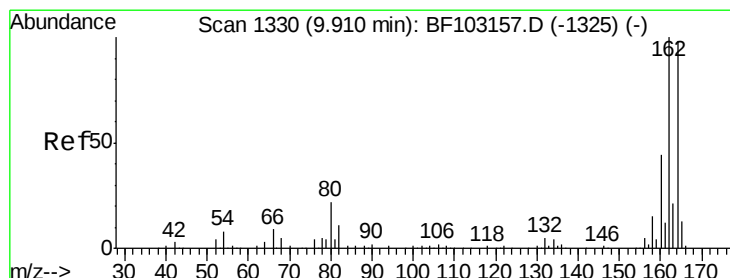
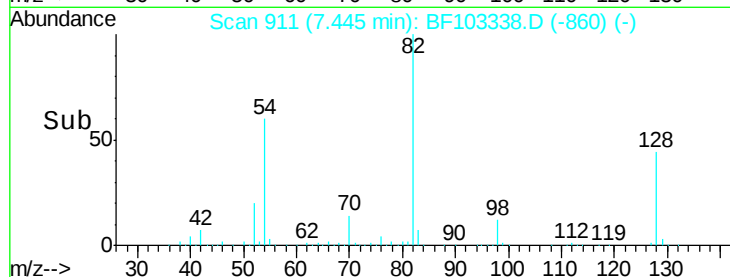
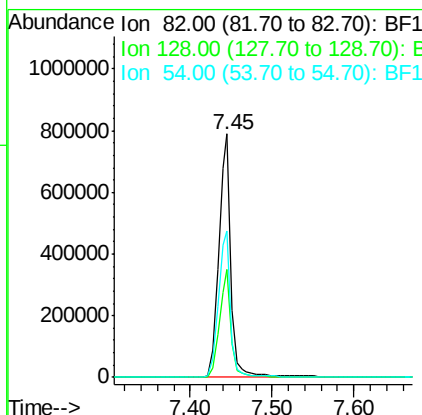
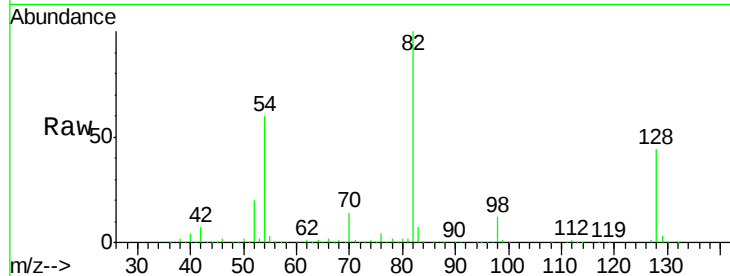
#23
Nitrobenzene-d5
Concen: 83.530 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SP-49

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	60.0	41.4	62.2

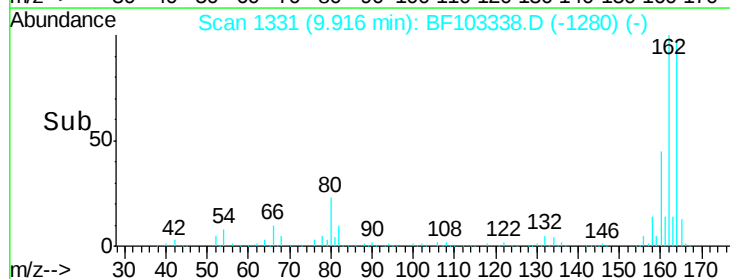
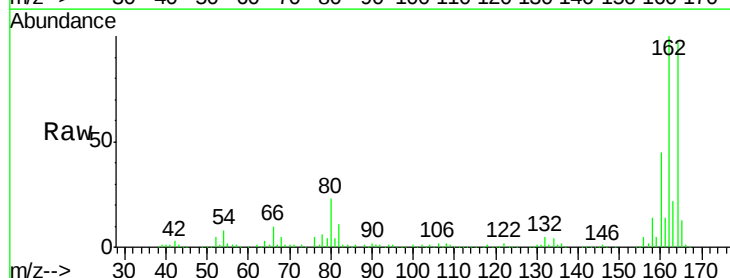
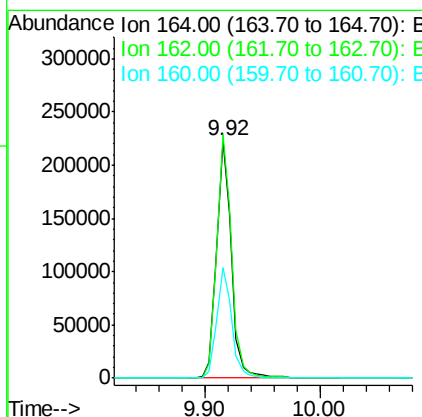
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.4	38.3	57.5





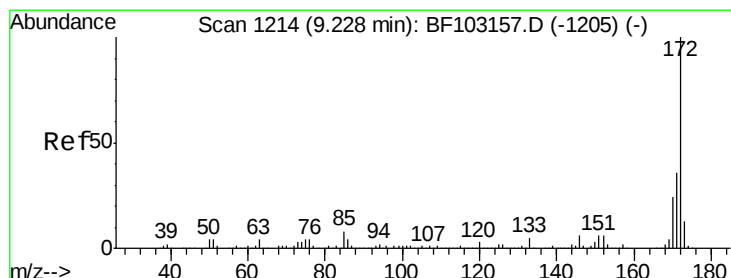
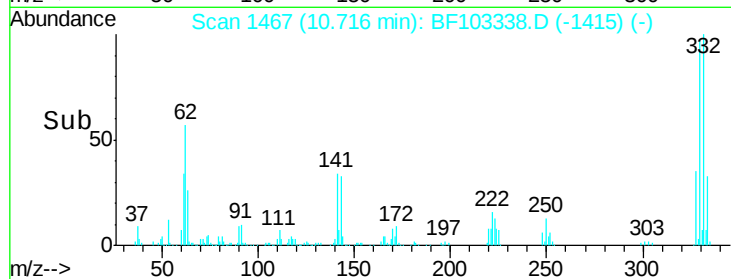
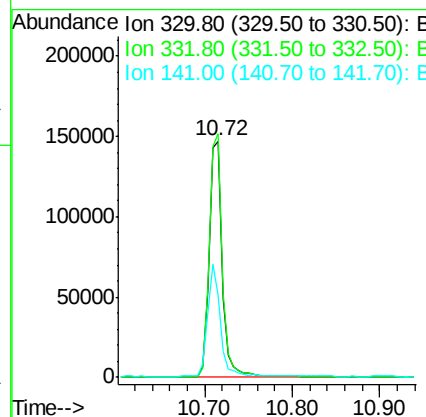
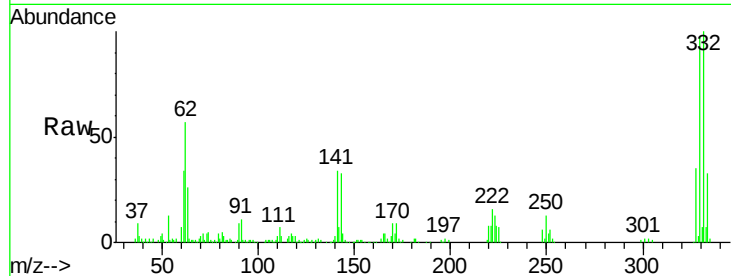
#41
 2,4,6-Tribromophenol
 Concen: 92.862 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103338.D
 Acq: 1 Mar 2018 15:56

Instrument :
 BNA_F
 ClientSampled :
 SP-49

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	47.9	29.9	44.9	

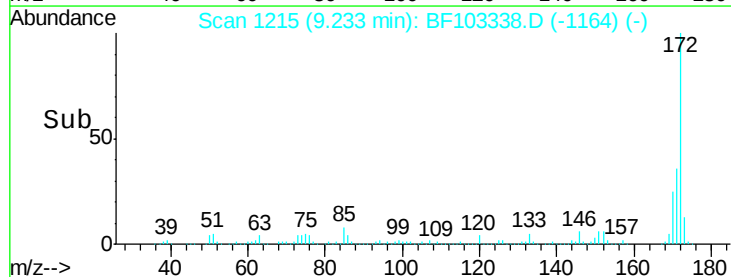
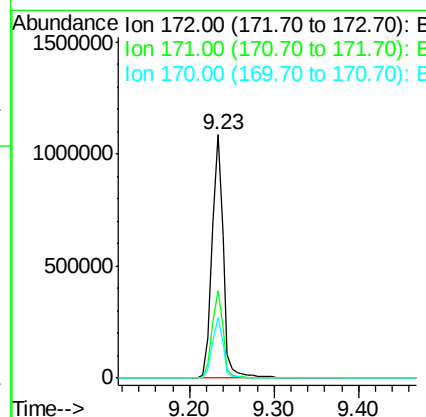
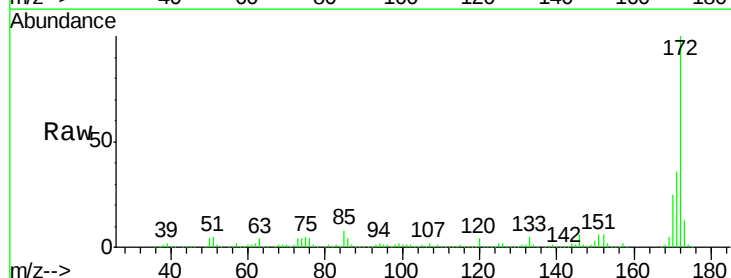
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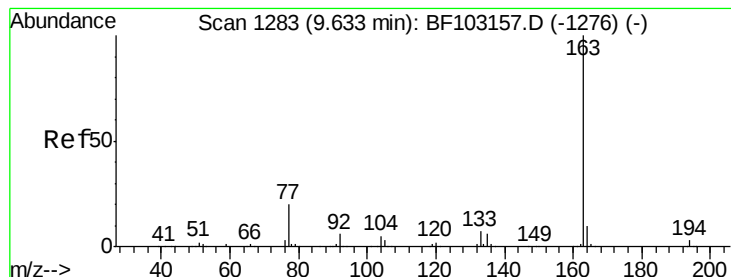
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#44
 2-Fluorobiphenyl
 Concen: 90.032 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103338.D
 Acq: 1 Mar 2018 15:56

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





#49

Dimethylphthalate

Concen: 8.304 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Instrument :

BNA_F

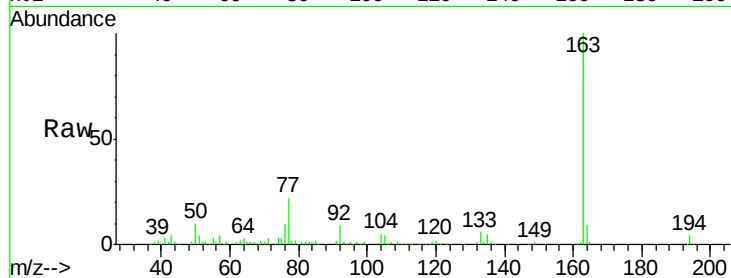
ClientSampled :

SP-49

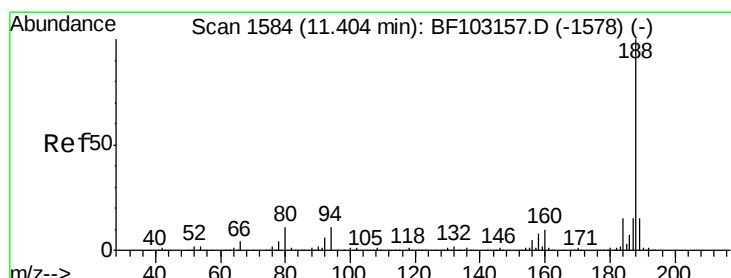
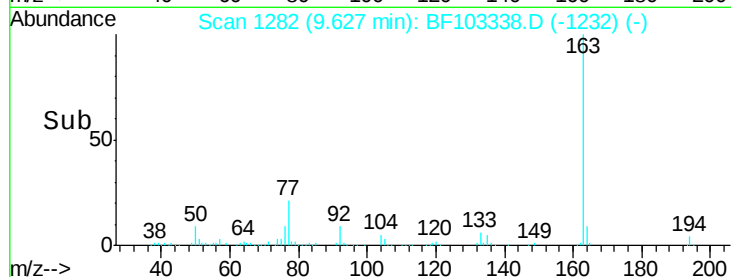
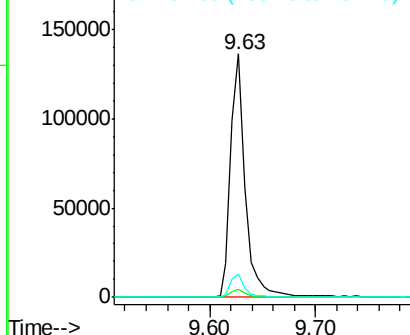
Tot Ion:	163	Resp:	131806
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2

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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

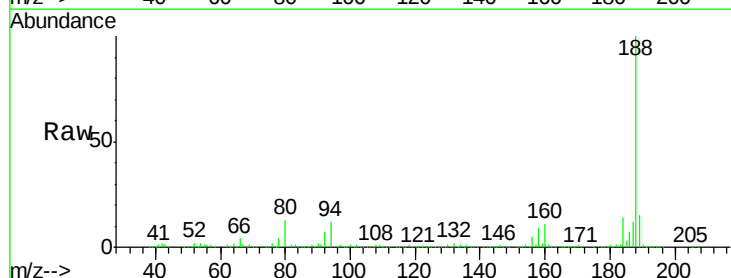
RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

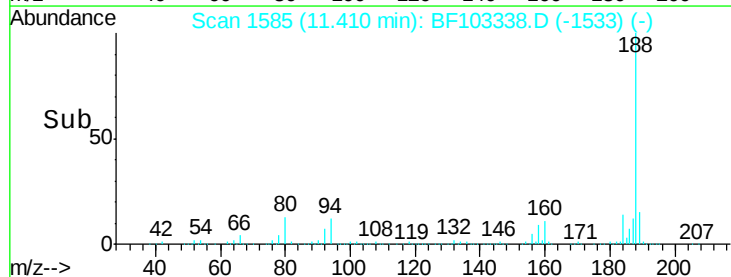
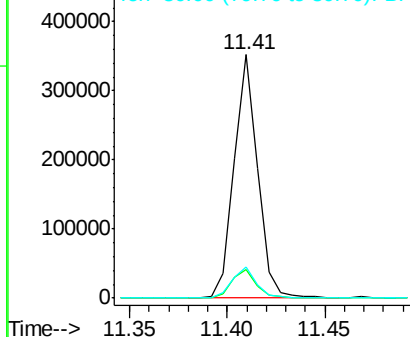
Lab File: BF103338.D

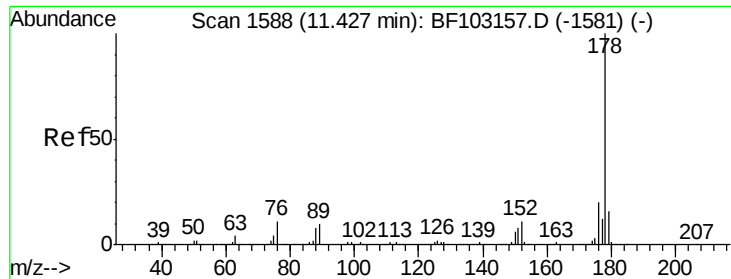
Acq: 1 Mar 2018 15:56

Tgt Ion:	188	Resp:	296140
Ion Ratio	Lower	Upper	
188	100		
94	11.9	8.5	12.7
80	12.8	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





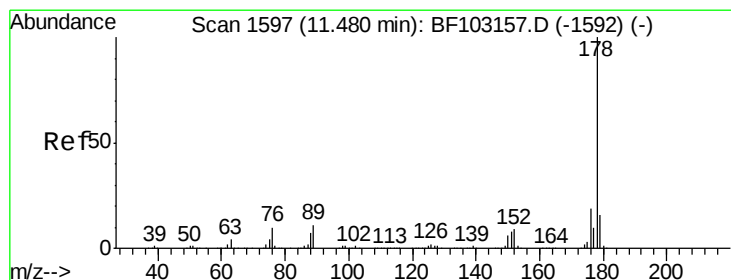
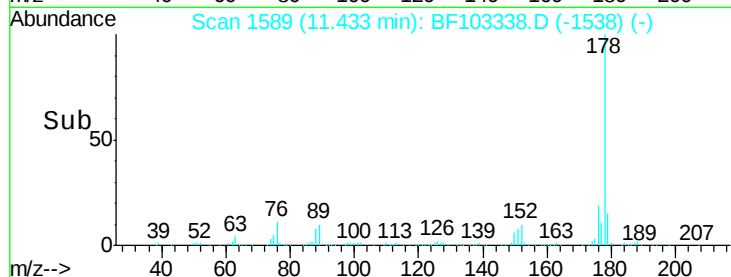
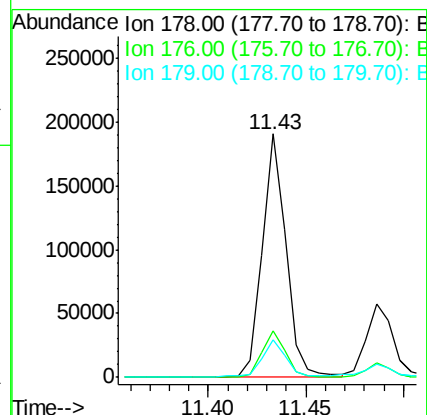
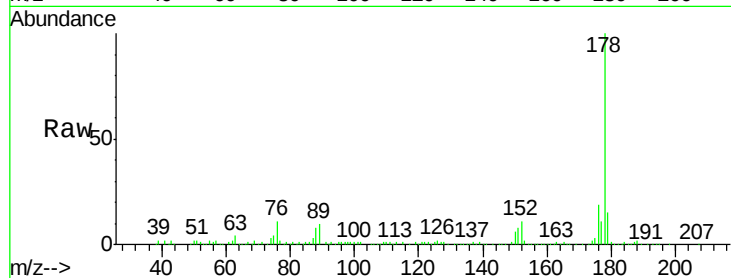
#70
Phenanthrene
Concen: 9.915 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.6

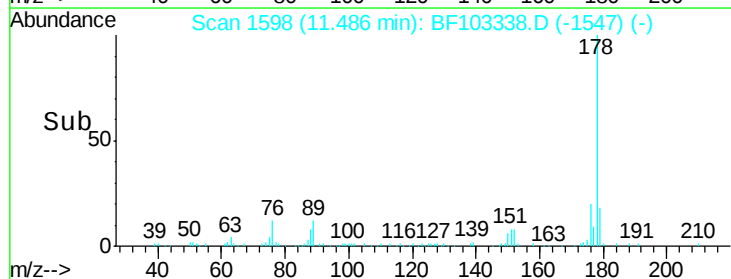
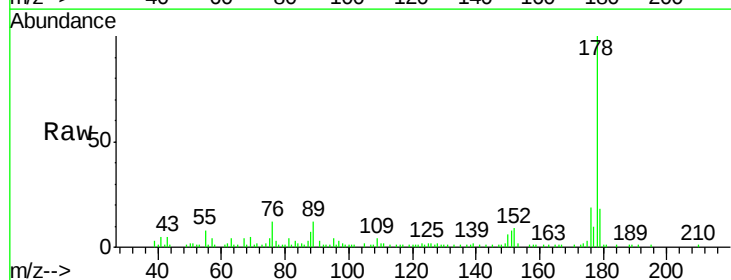
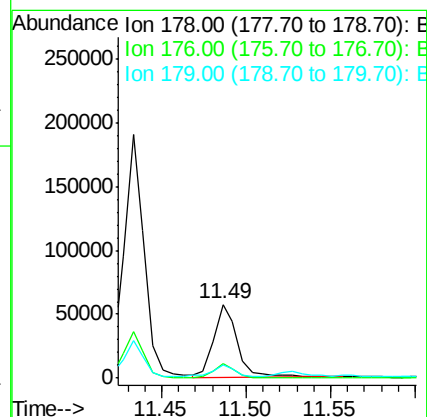
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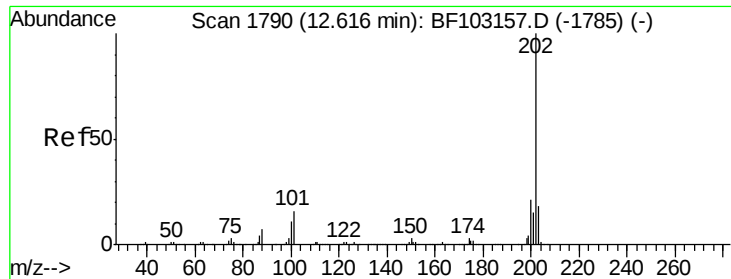
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#71
Anthracene
Concen: 3.358 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	18.1	12.6	19.0





#74

Fluoranthene

Concen: 20.494 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Instrument :

BNA_F

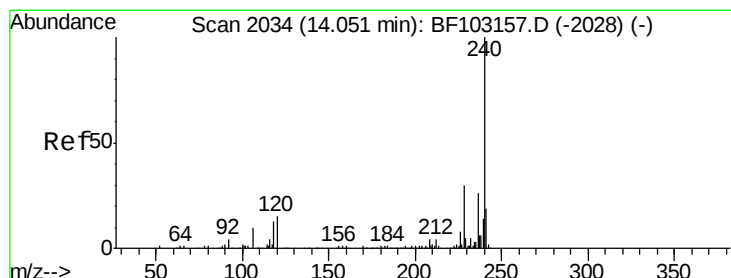
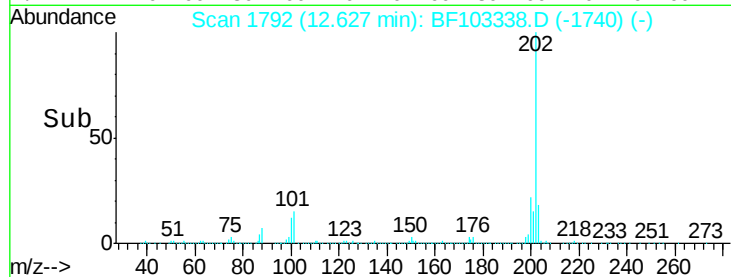
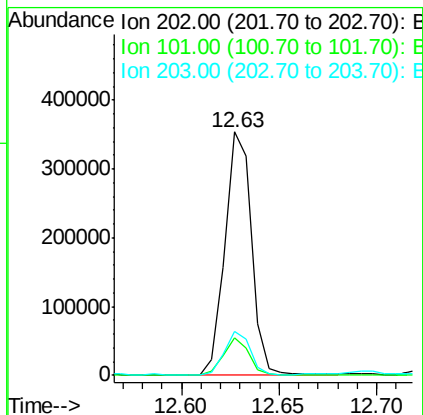
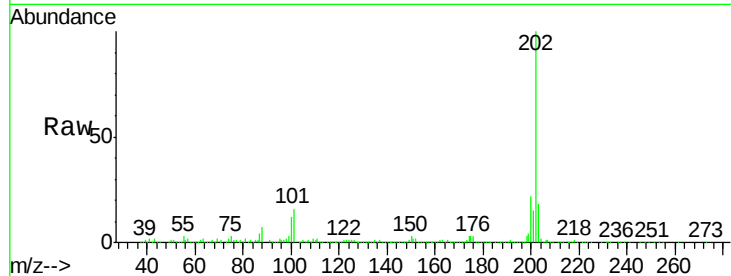
ClientSampleId :

SP-49

Tot Ion:	202	Resp:	335631
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	34.1
203	18.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

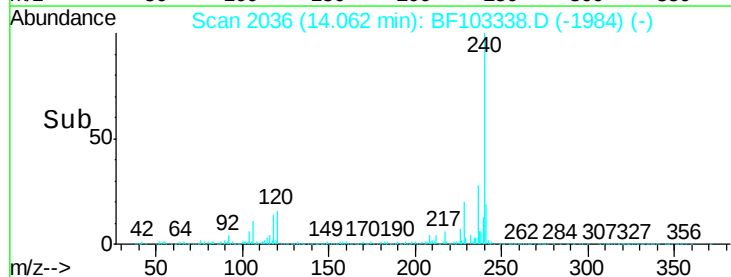
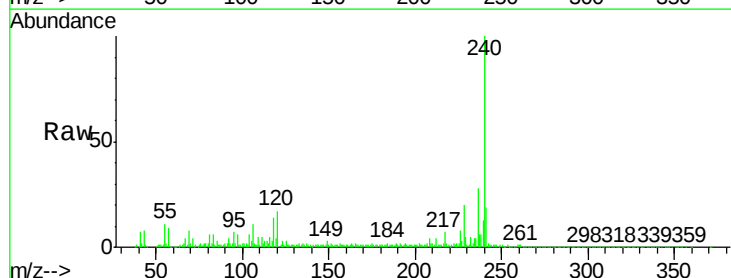
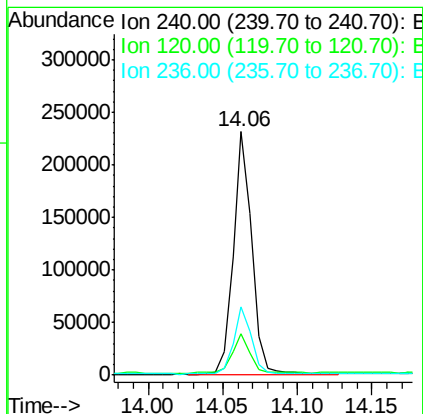
RT: 14.06 min Scan# 2036

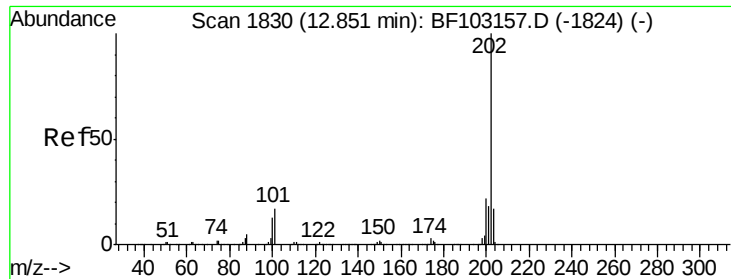
Delta R.T. 0.01 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Tgt Ion:	240	Resp:	201262
Ion Ratio	Lower	Upper	
240	100		
120	16.8	9.5	14.3#
236	28.1	20.7	31.1





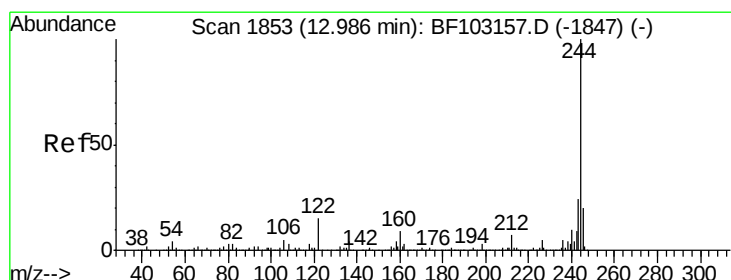
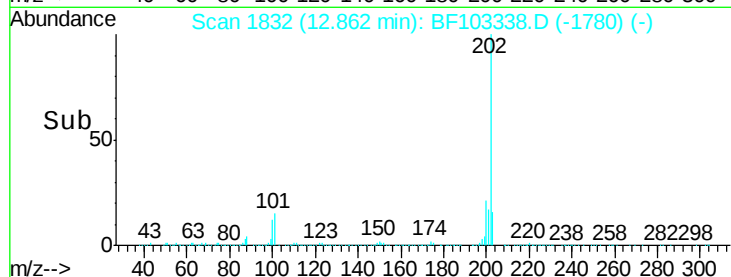
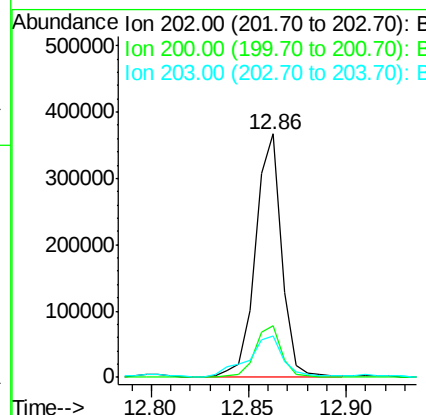
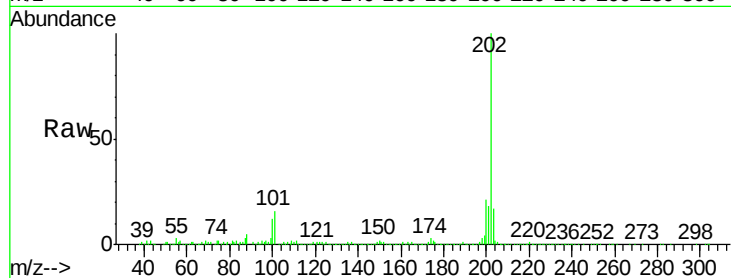
#77
Pvrene
Concen: 21.599 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.9	14.3	21.5

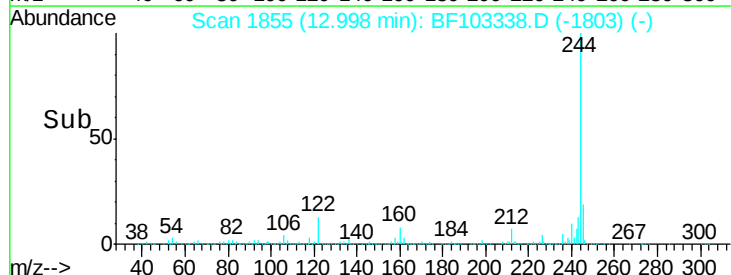
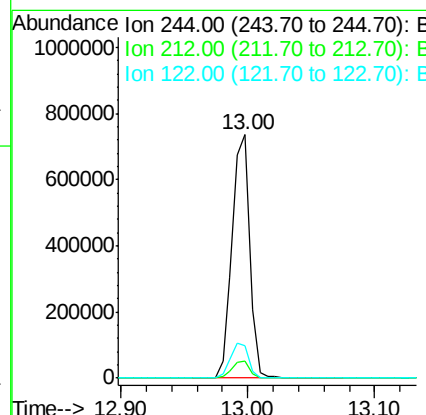
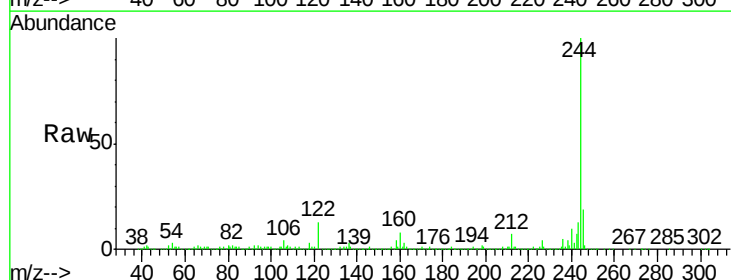
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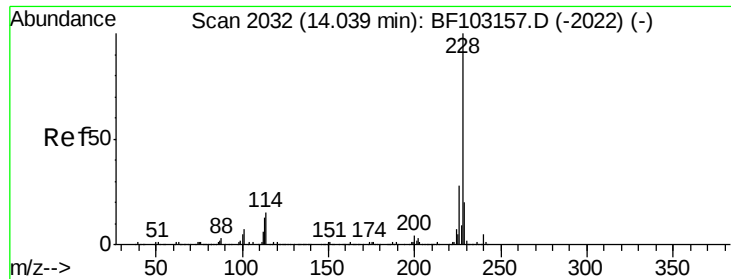
Sohil
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#78
Terphenyl-d14
Concen: 85.013 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4





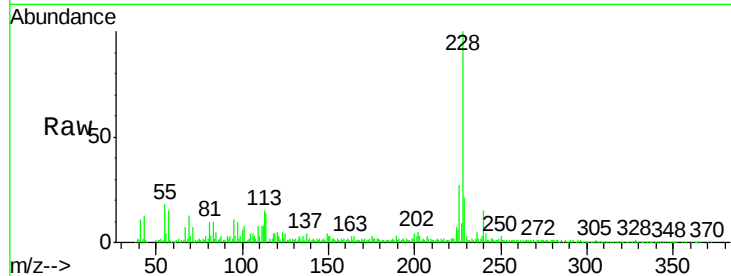
#80
Benzo(a)anthracene
Concen: 11.859 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	21.4	15.8	23.6

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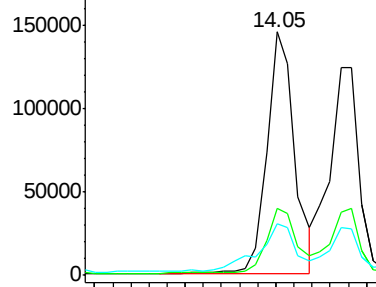


Abundance

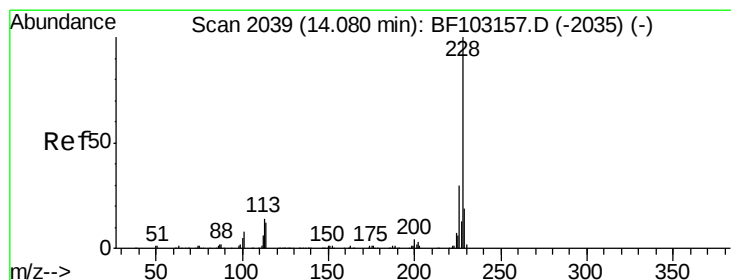
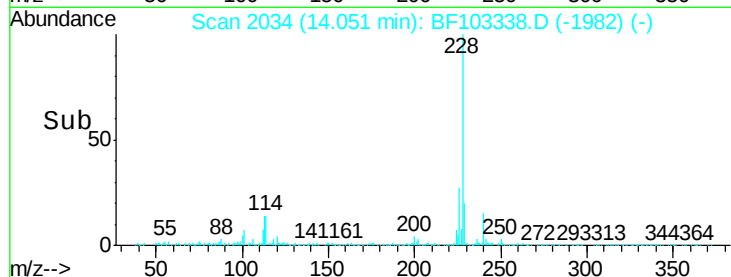
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.95 14.00 14.05



#82
Chrysene
Concen: 11.059 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

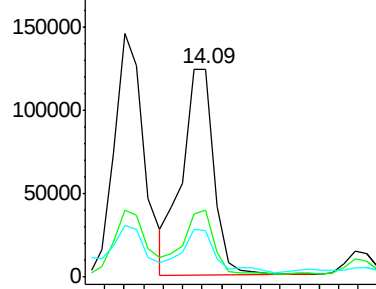
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.3	16.2	24.4

Abundance

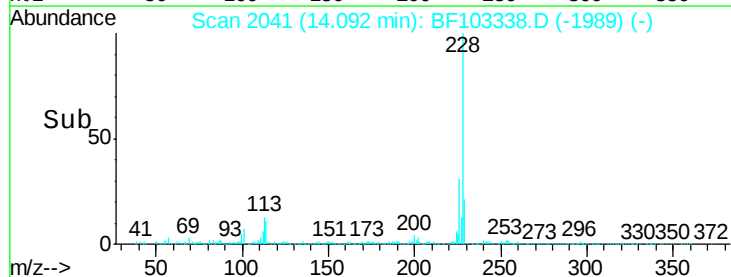
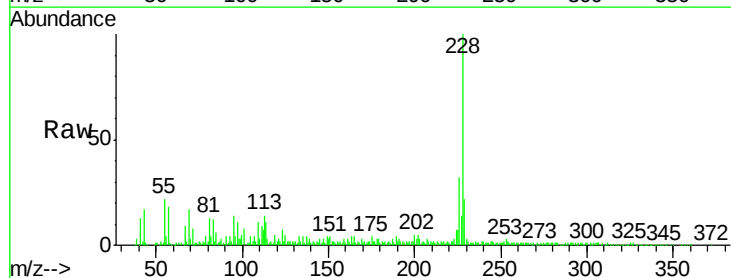
Ion 228.00 (227.70 to 228.70): E

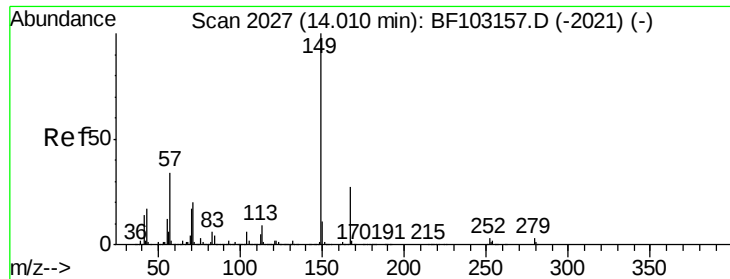
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 14.05 14.10 14.15





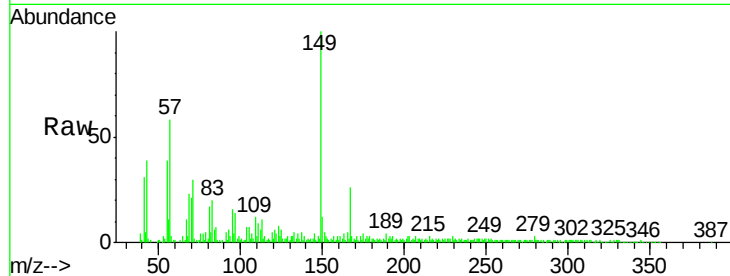
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.842 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampleId :
SP-49

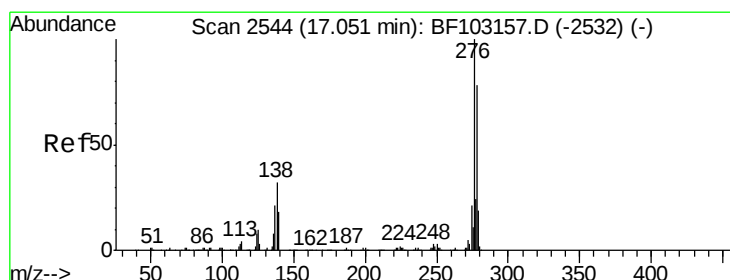
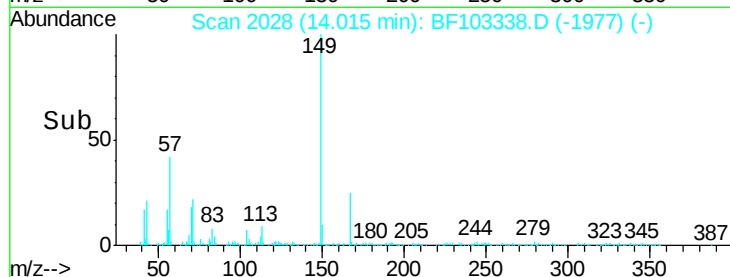
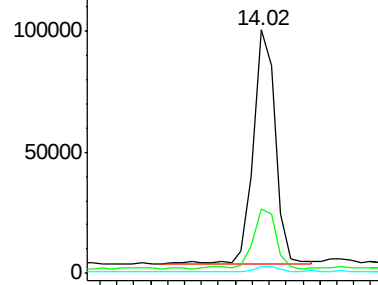
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4#

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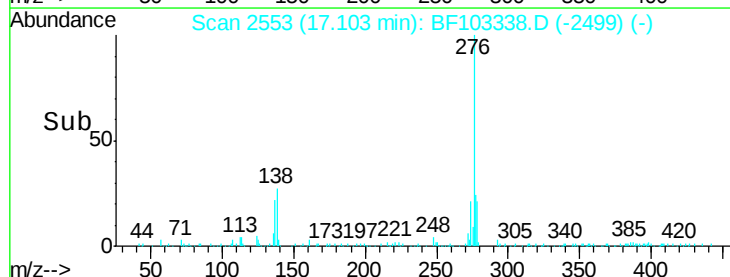
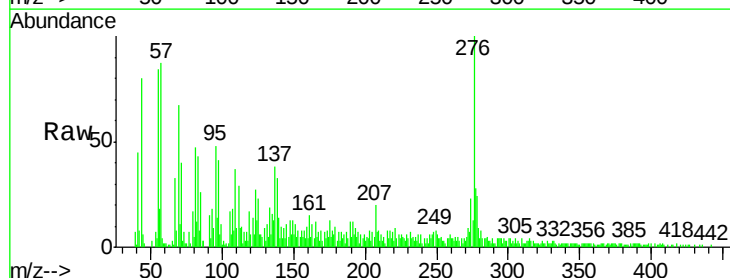
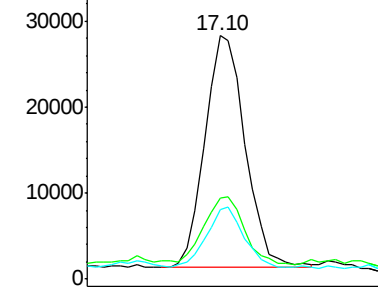
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

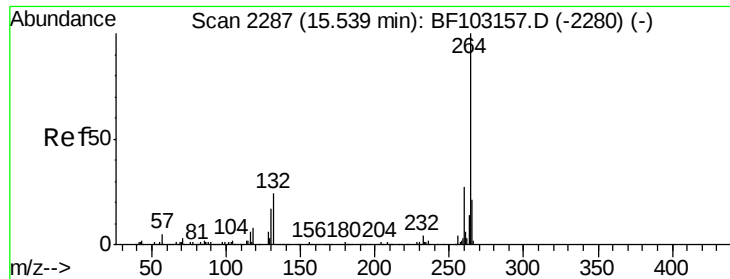


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.363 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	24.3	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





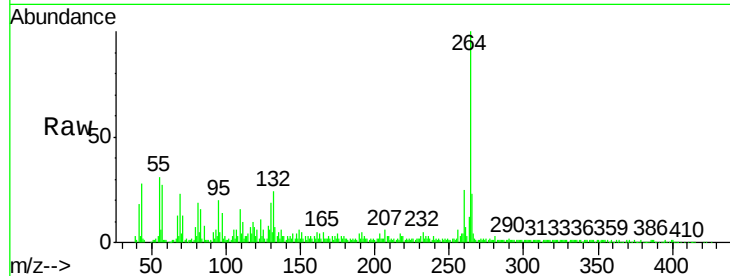
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

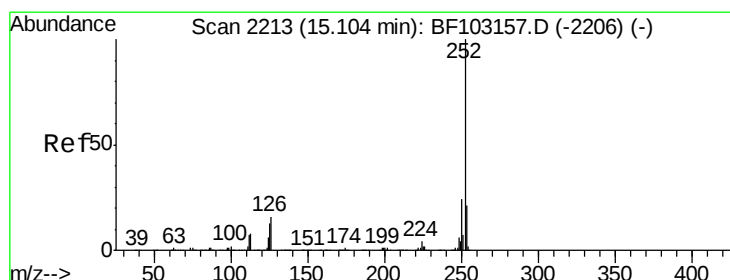
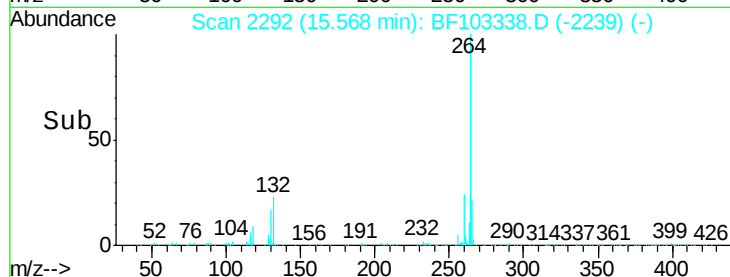
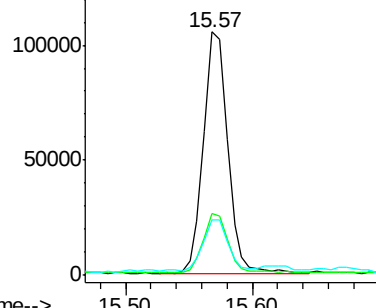
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.9	17.5	26.3

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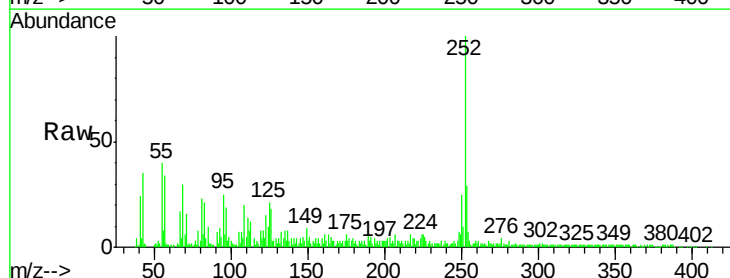


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

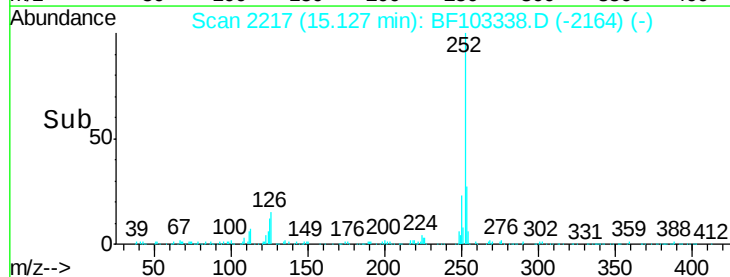
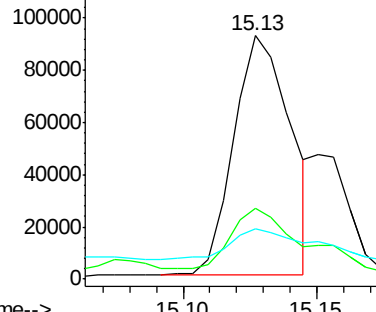


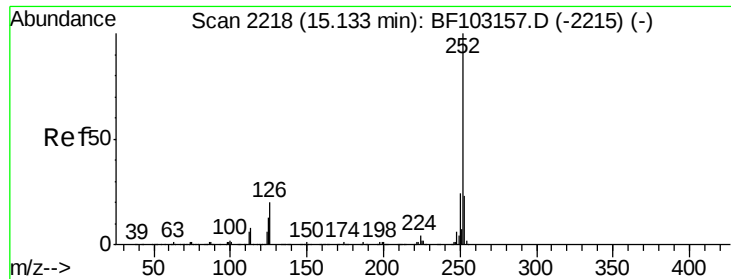
#87
Benzo(b)fluoranthene
Concen: 14.931 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.0	25.6#
125	20.8	9.0	13.6#



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





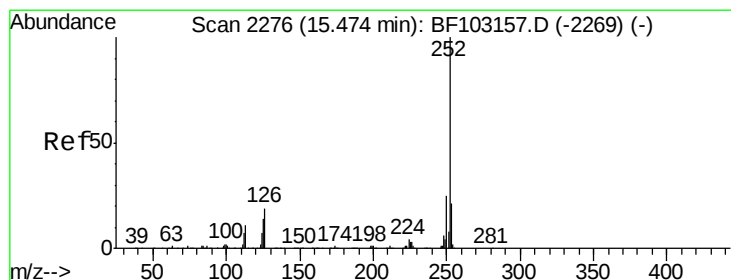
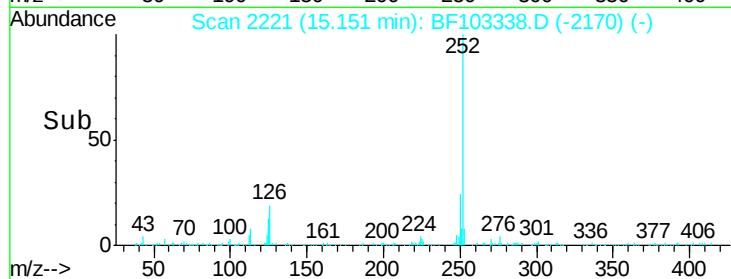
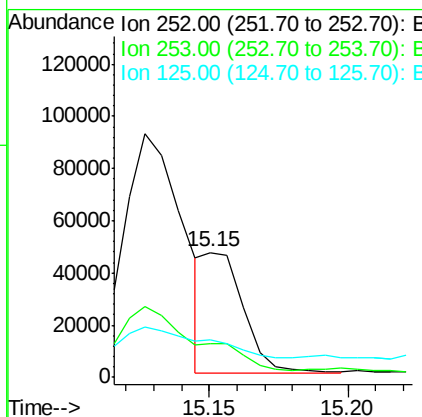
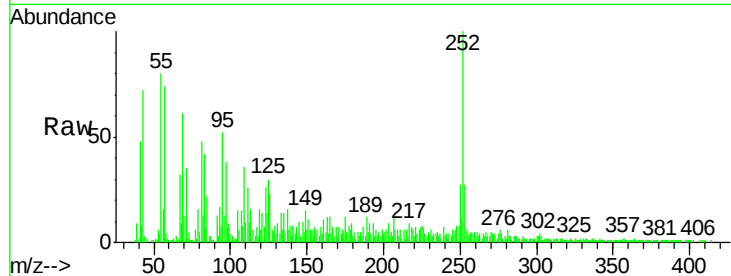
#88
Benzo(k)fluoranthene
Concen: 5.358 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Instrument :
BNA_F
ClientSampled :
SP-49

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	30.1	10.2	15.2#

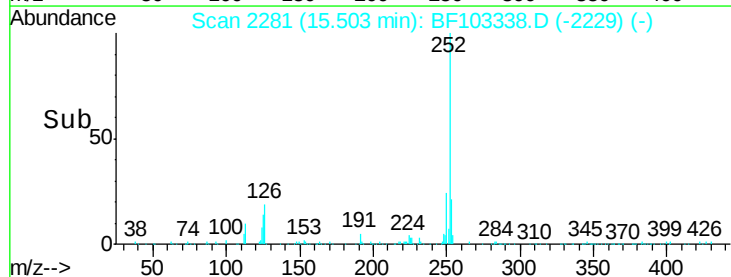
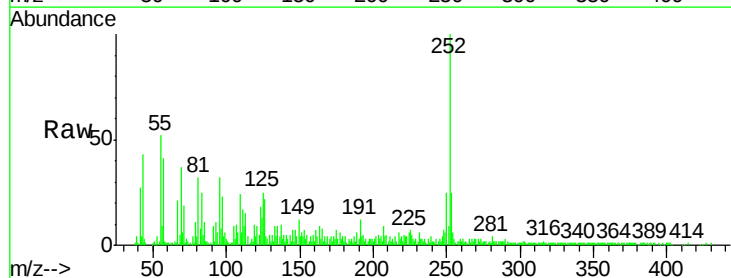
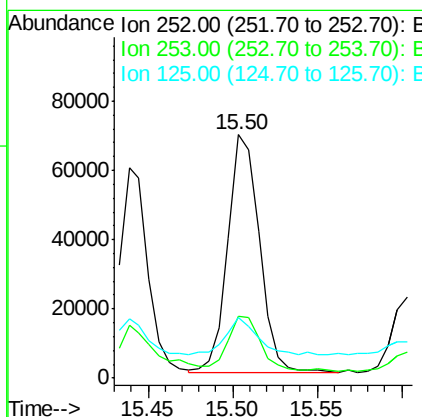
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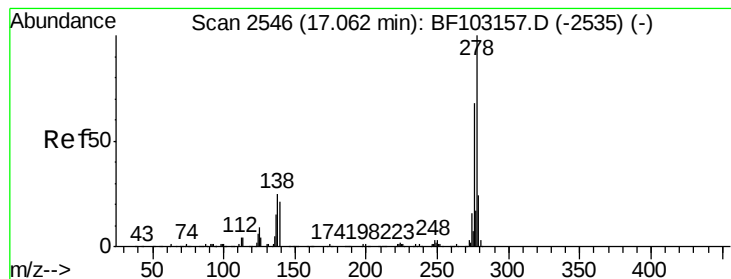
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#89
Benzo(a)pyrene
Concen: 11.123 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF103338.D
Acq: 1 Mar 2018 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	25.0	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 2.395 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.02 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Instrument :

BNA_F

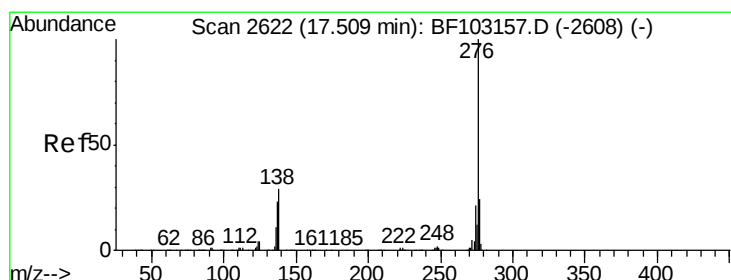
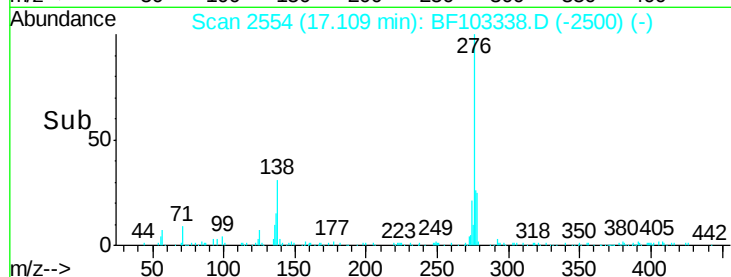
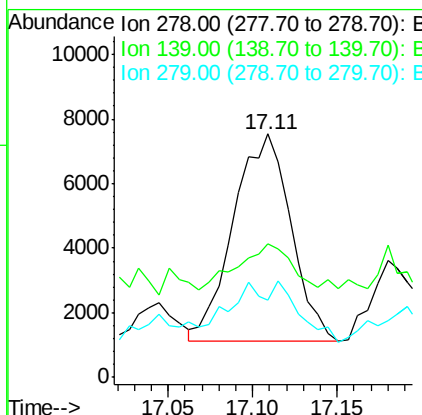
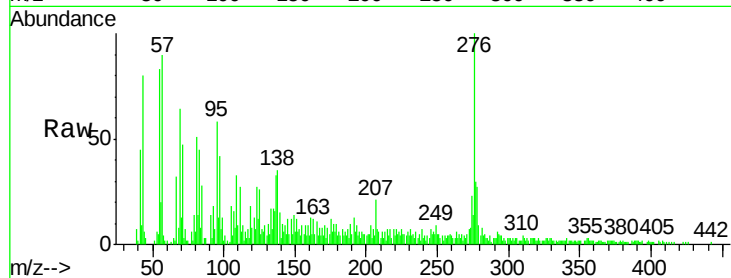
ClientSampled :

SP-49

Tot Ion:	278	Resp:	15098
Ion Ratio	Lower	Upper	
278	100		
139	54.7	15.9	23.9#
279	31.6	19.0	28.4#

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#91

Benzo(g,h,i)perylene

Concen: 8.782 ng

RT: 17.57 min Scan# 2633

Delta R.T. 0.04 min

Lab File: BF103338.D

Acq: 1 Mar 2018 15:56

Tgt Ion:	276	Resp:	54113
Ion Ratio	Lower	Upper	
276	100		
277	28.2	17.9	26.9#
138	33.1	21.8	32.8#

