

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103379.D
 Acq On : 2 Mar 2018 21:29
 Operator : SJ/JU
 Sample : J1721-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-50

Manual Integrations
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Quant Time: Mar 02 23:16:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156389	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	669928	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272693	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	376239	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250580	20.00	ng	0.00
86) Perylene-d12	15.57	264	199381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1135374	109.80	ng	0.00
7) Phenol-d6	6.52	99	1378939	108.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	887596	75.66	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	201895	87.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1194817	72.95	ng	0.00
78) Terphenyl-d14	13.00	244	700587	67.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	136217	6.227	ng	100
70) Phenanthrene	11.43	178	123076	5.944	ng	98
74) Fluoranthene	12.63	202	212630	10.219	ng	97
77) Pyrene	12.86	202	211520	10.827	ng	98
80) Benzo(a)anthracene	14.05	228	109338	6.725	ng	97
82) Chrysene	14.09	228	109143	6.914	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	37801	3.025	ng	99
87) Benzo(b)fluoranthene	15.13	252	119468m	9.113	ng	
88) Benzo(k)fluoranthene	15.16	252	35829m	2.902	ng	
89) Benzo(a)pyrene	15.51	252	77710	6.638	ng	# 84
91) Benzo(g,h,i)perylene	17.59	276	37995	4.298	ng	# 89

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

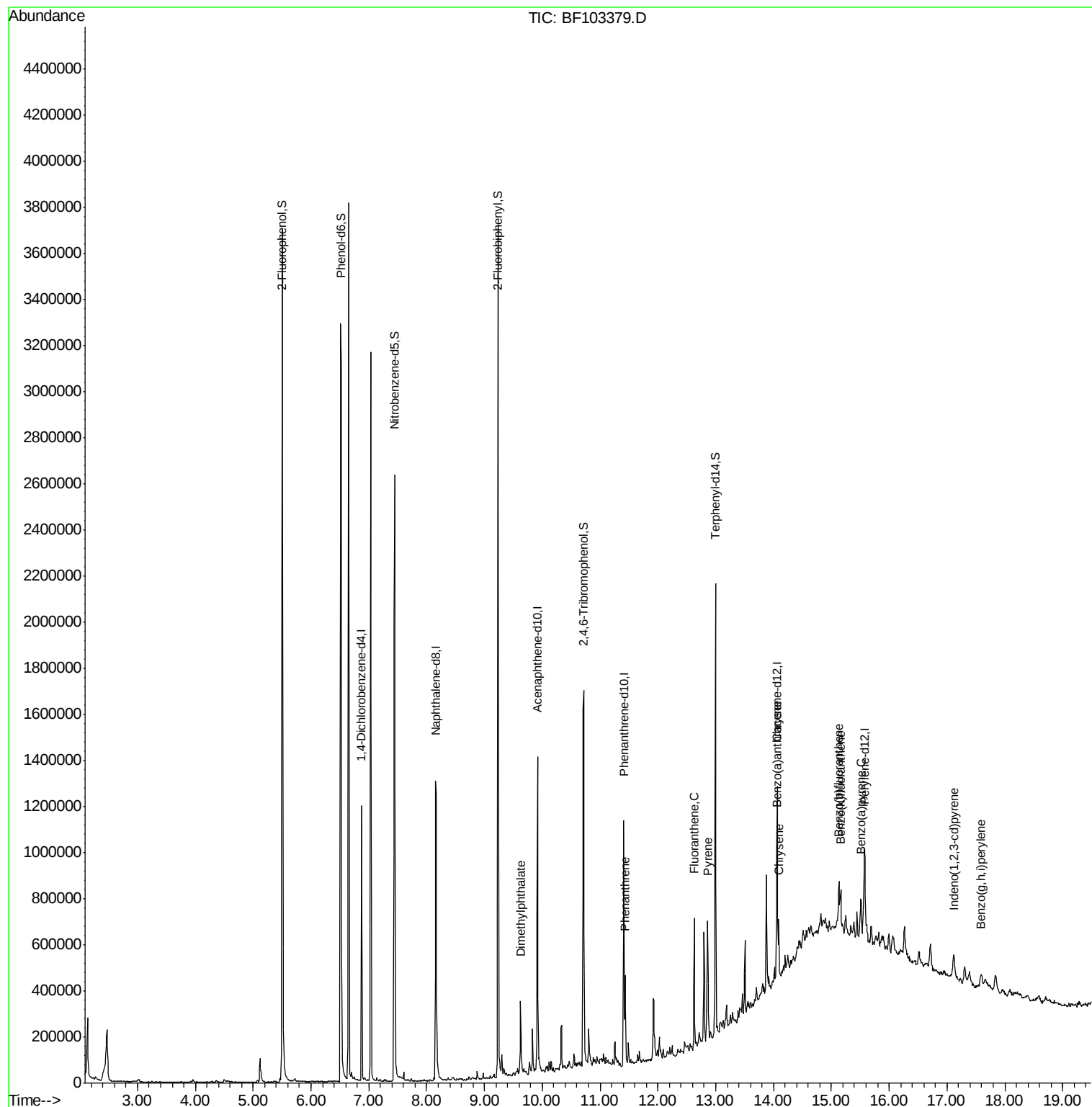
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103379.D
Acq On : 2 Mar 2018 21:29
Operator : SJ/JU
Sample : J1721-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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SP-50

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#1

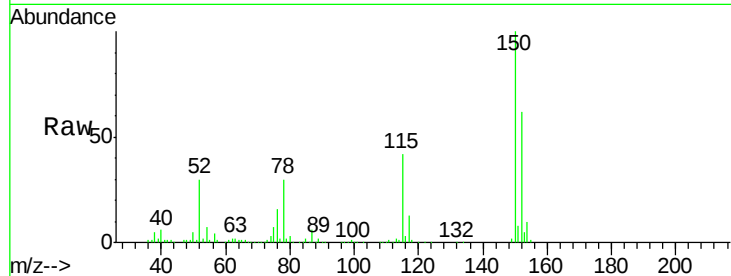
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-50

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	67.8	50.1	75.1

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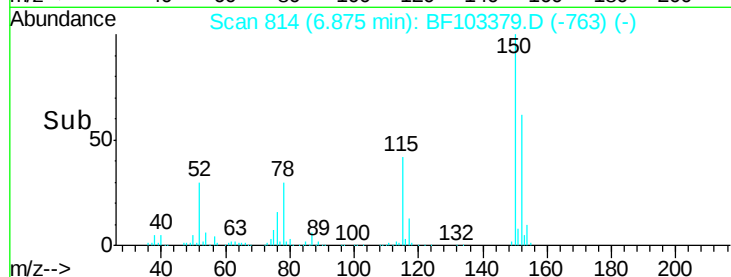
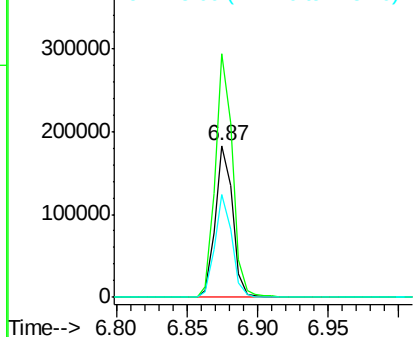


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

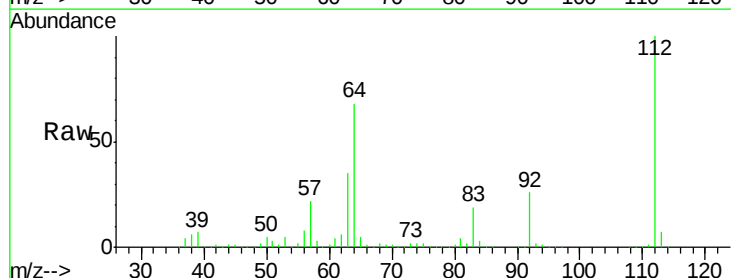
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.801 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	34.6	23.7	35.5

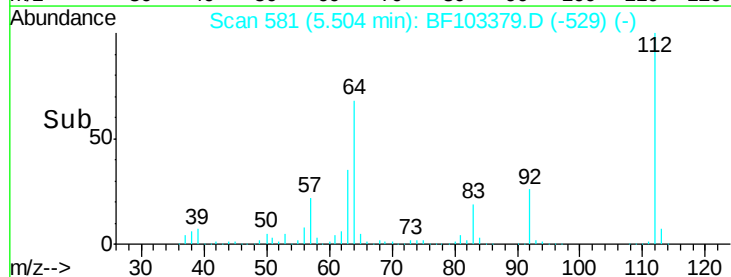
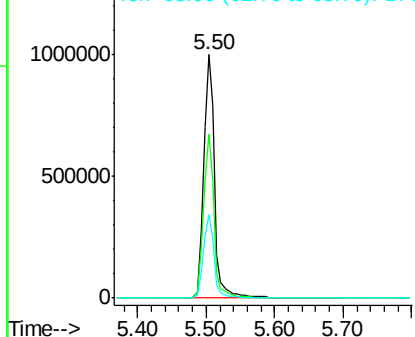


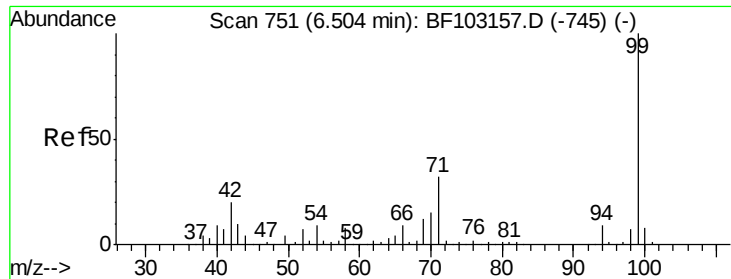
Abundance

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: 108.982 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103379.D

Acq: 2 Mar 2018 21:29

Instrument :

BNA_F

ClientSampled :

SP-50

Tot Ion: 99 Resp: 1378939

Ion Ratio Lower Upper

99 100

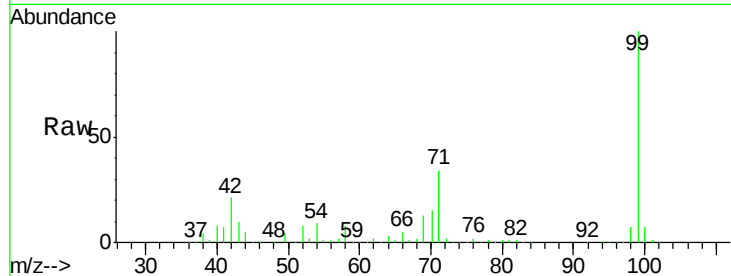
42 20.8 14.5 21.7

71 33.7 25.4 38.0

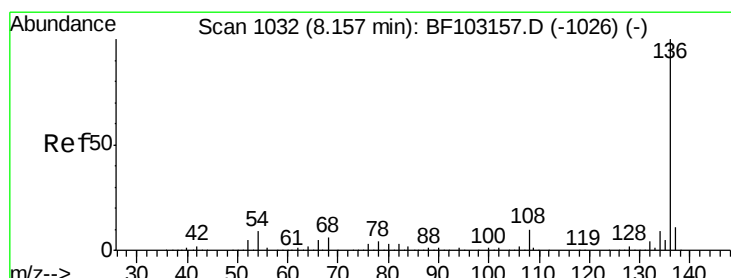
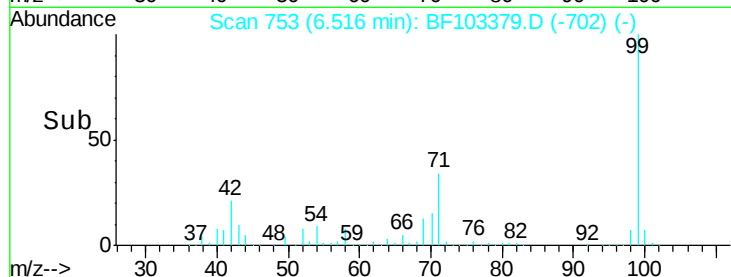
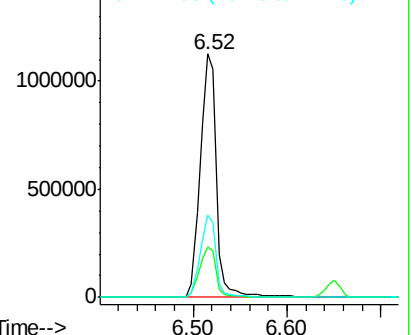
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103379.D

Acq: 2 Mar 2018 21:29

Tgt Ion: 136 Resp: 669928

Ion Ratio Lower Upper

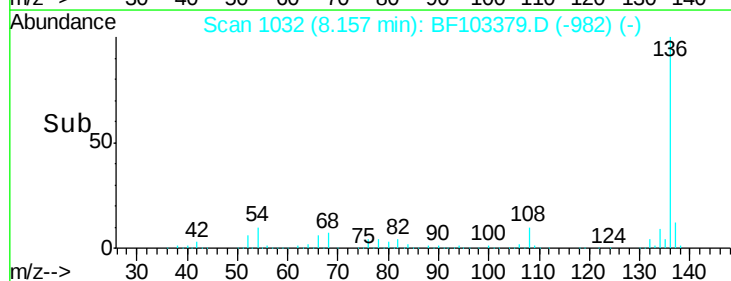
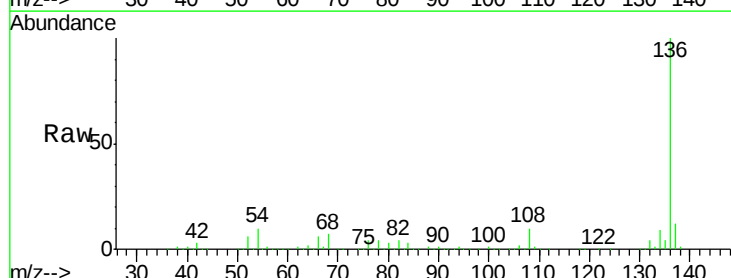
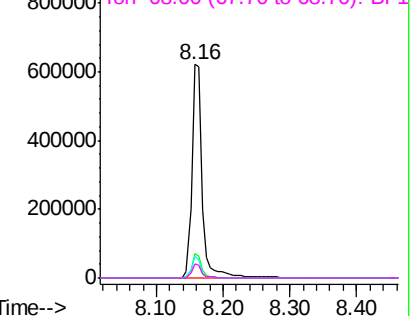
136 100

137 11.5 8.9 13.3

54 10.1 6.6 9.8#

68 6.8 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





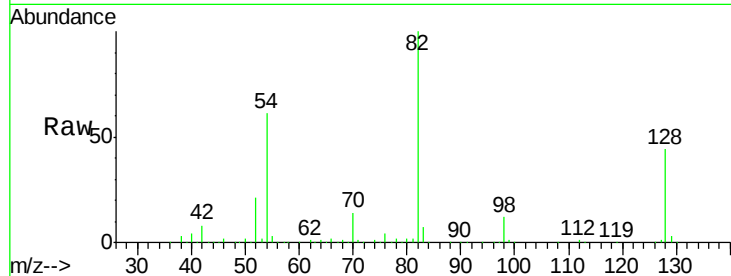
#23
 Nitrobenzene-d5
 Concen: 75.664 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF103379.D
 Acq: 2 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampled :
 SP-50

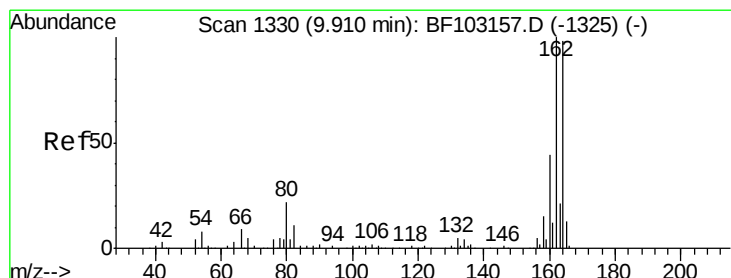
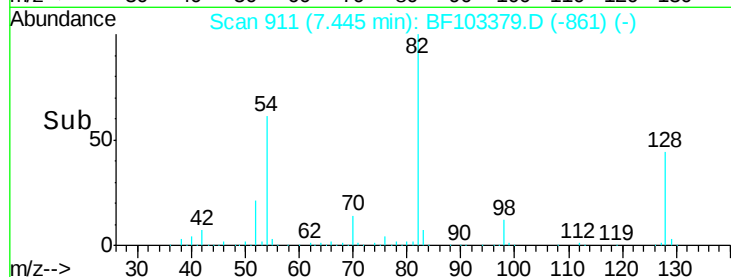
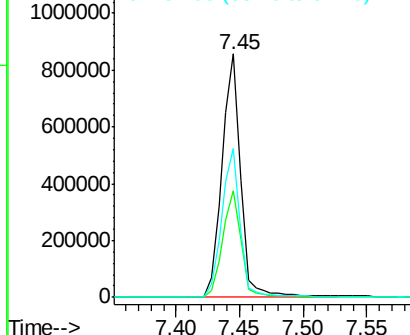
Tot Ion	Ratio	Resp	Lower	Upper
82	100	887596		
128	44.0		36.1	54.1
54	61.0		41.4	62.2

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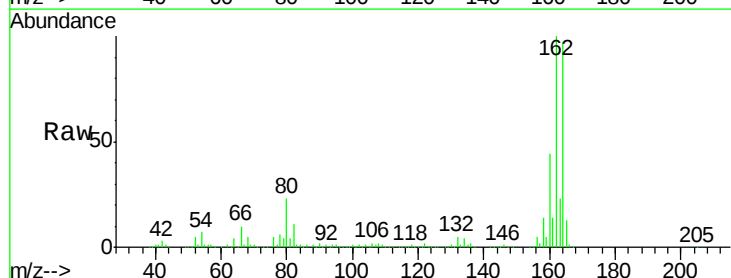


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

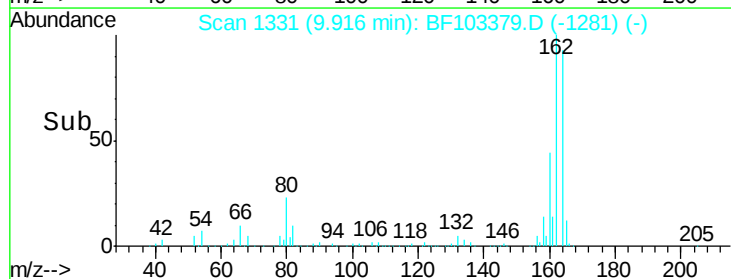
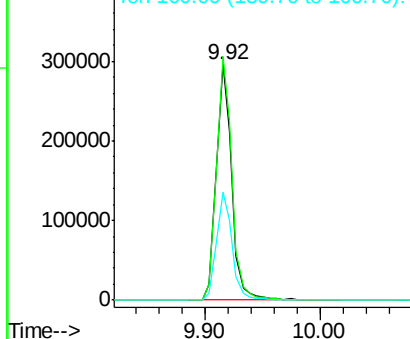


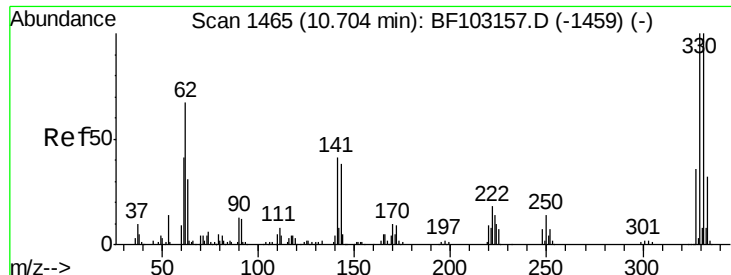
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103379.D
 Acq: 2 Mar 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272693		
162	103.4		86.1	129.1
160	45.7		38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





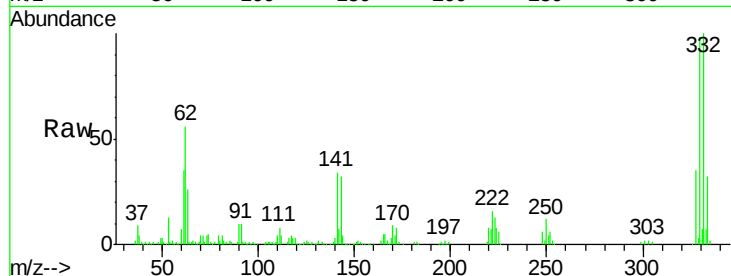
#41
 2,4,6-Tribromophenol
 Concen: 87.469 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103379.D
 Acq: 2 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampled :
 SP-50

Tot Ion	Ratio	Resp	Lower	Upper
330	100	201895		
332	103.1	77.0	115.6	
141	40.9	29.9	44.9	

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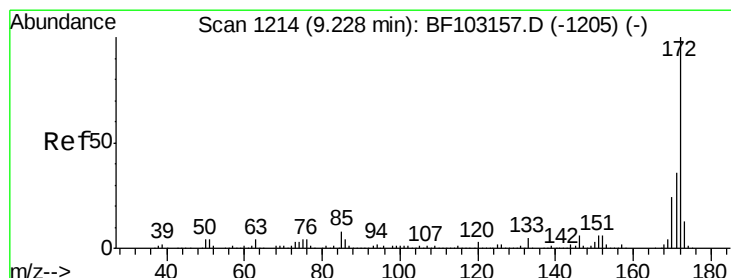
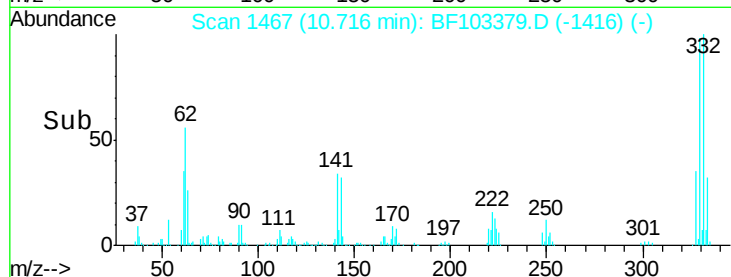
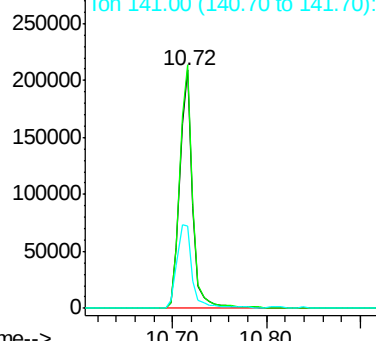


Abundance

Ion 329.80 (329.50 to 330.50): E

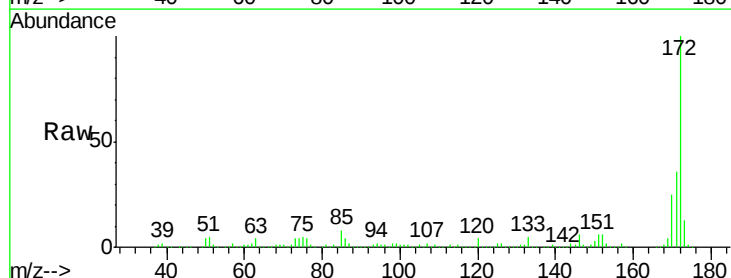
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.952 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103379.D
 Acq: 2 Mar 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1194817		
171	36.2	29.7	44.5	
170	24.6	19.6	29.4	

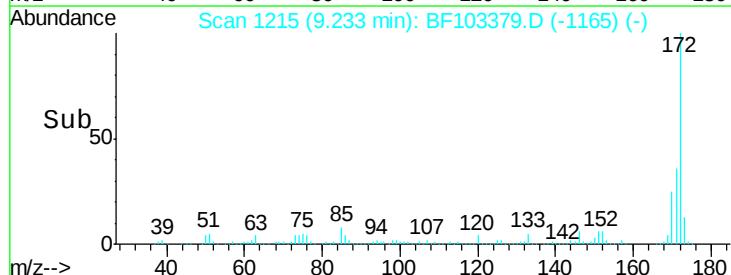
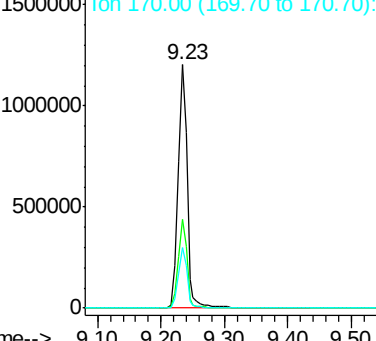


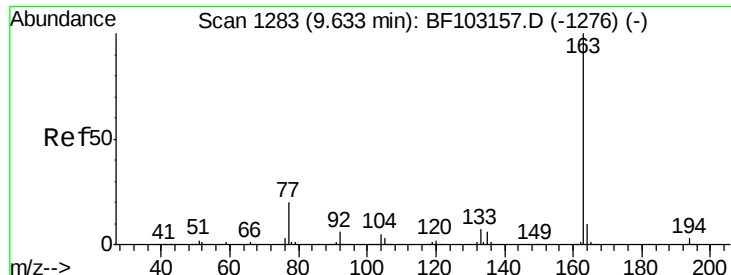
Abundance

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





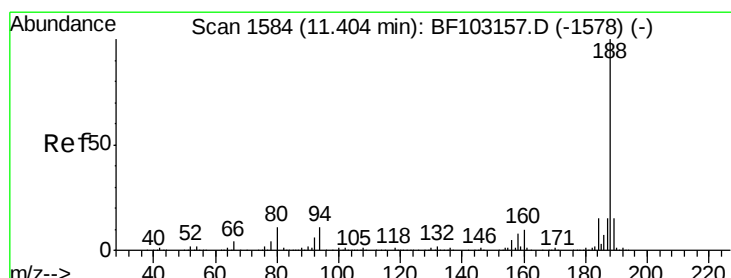
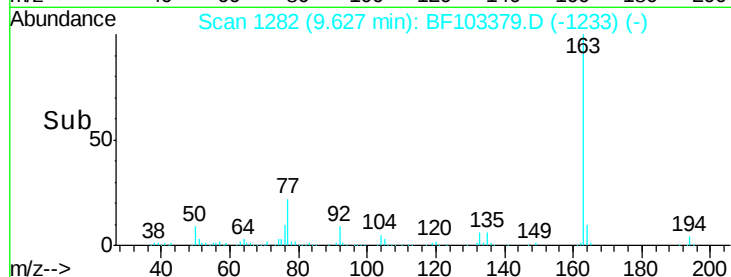
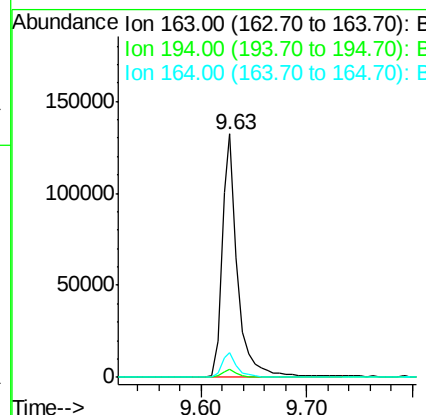
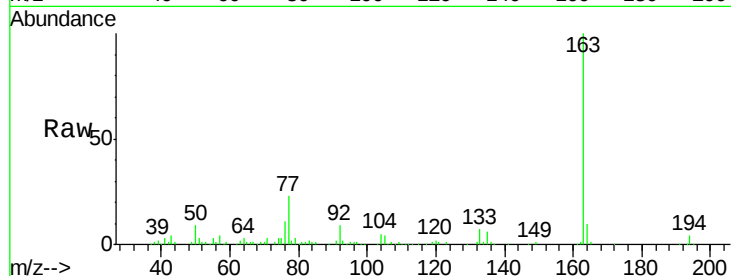
#49
Dimethylphthalate
Concen: 6.227 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tot Ion:	163	Resp:	136217
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

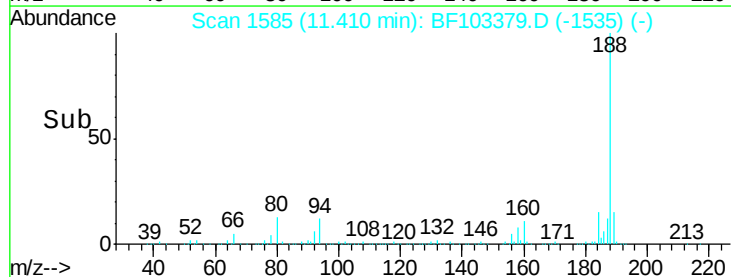
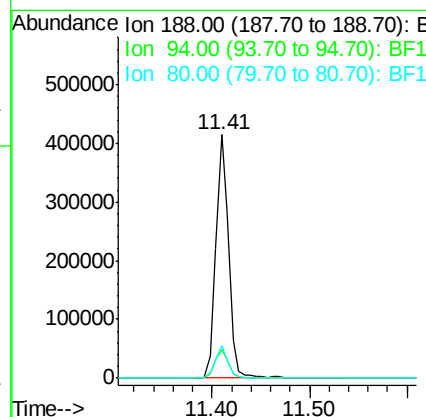
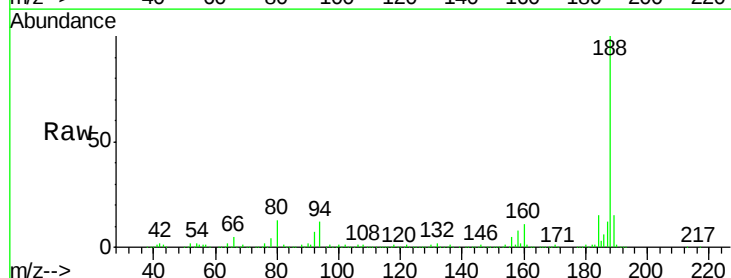
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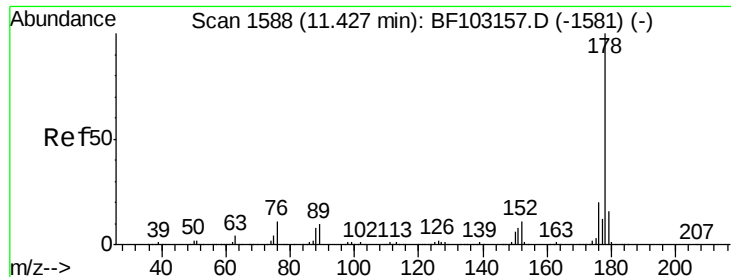
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:	188	Resp:	376239
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	13.2	9.2	13.8





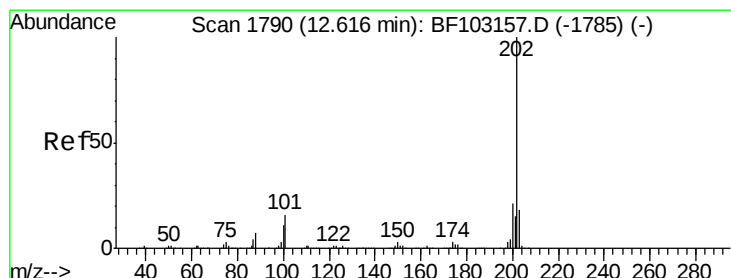
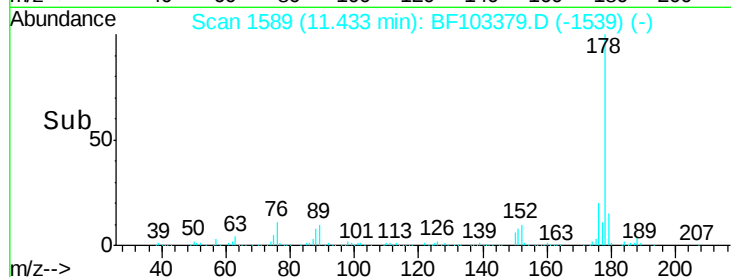
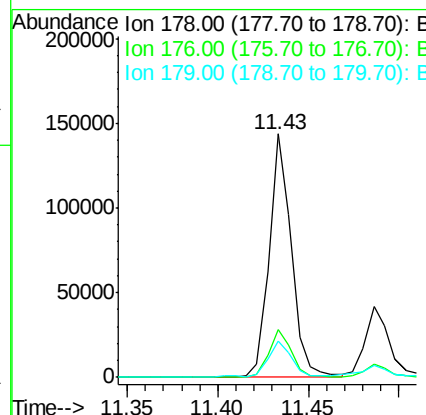
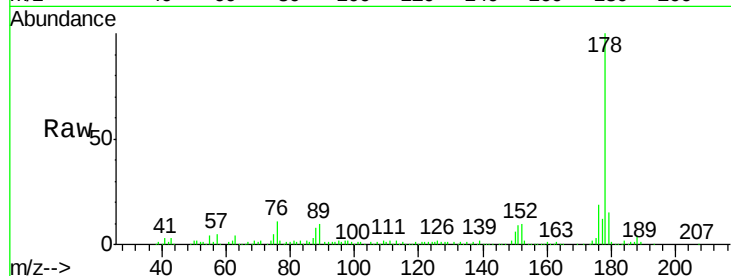
#70
Phenanthrene
Concen: 5.944 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-50

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	13.0	19.6

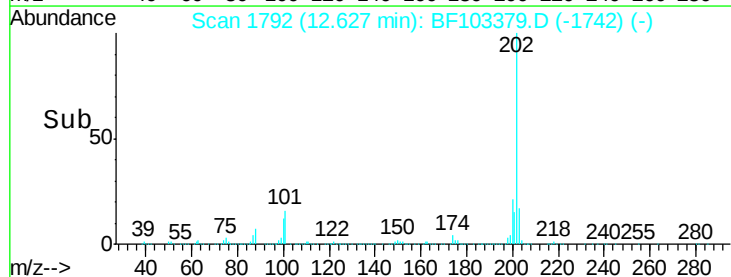
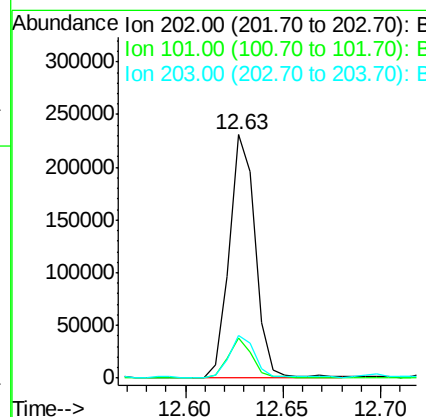
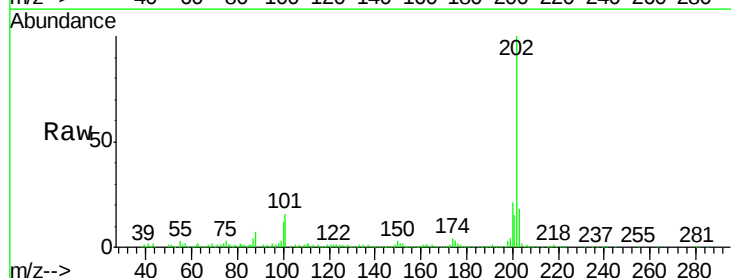
Manual Integrations
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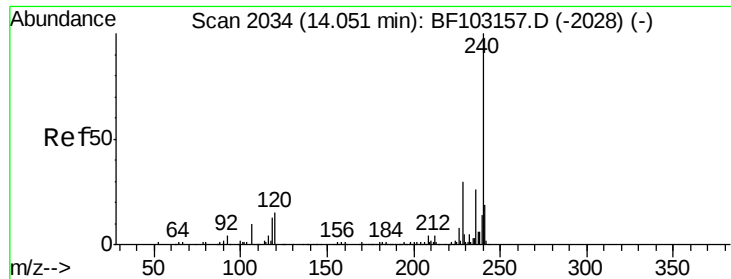
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#74
Fluoranthene
Concen: 10.219 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.1
203	17.7	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: BF103379.D

Acq: 2 Mar 2018 21:29

Instrument :

BNA_F

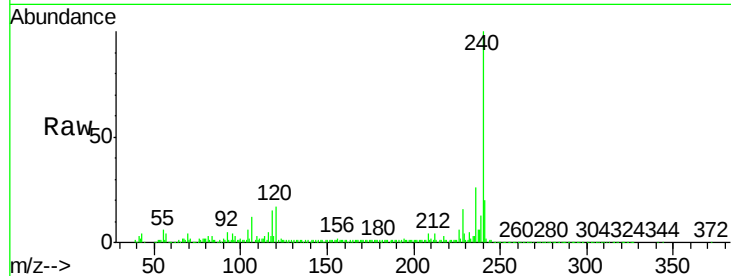
ClientSampled :

SP-50

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.5	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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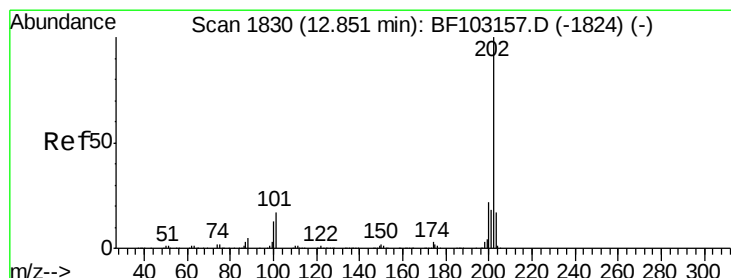
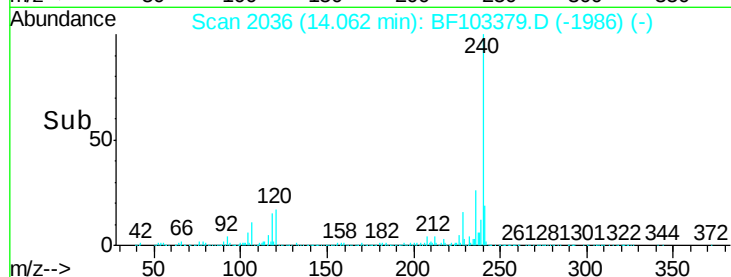
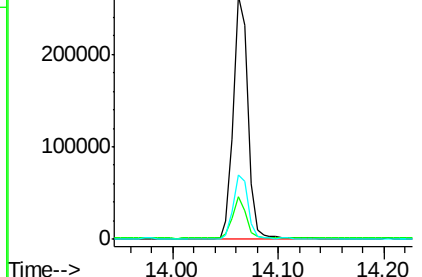
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.827 ng

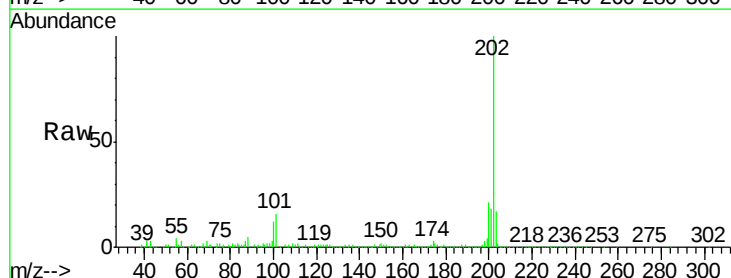
RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF103379.D

Acq: 2 Mar 2018 21:29

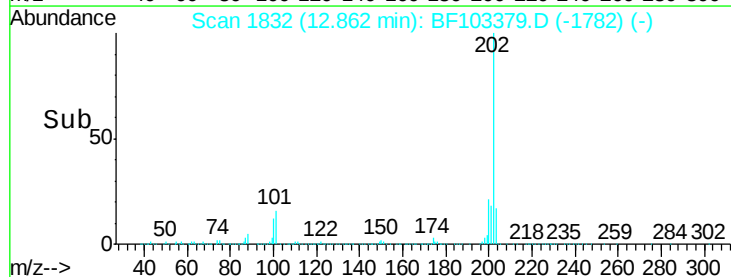
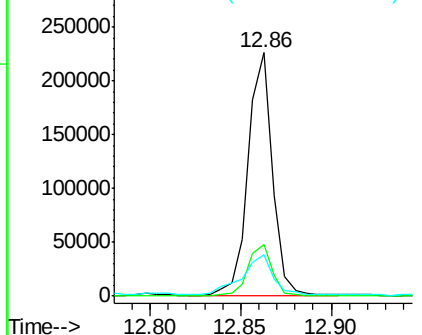
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5

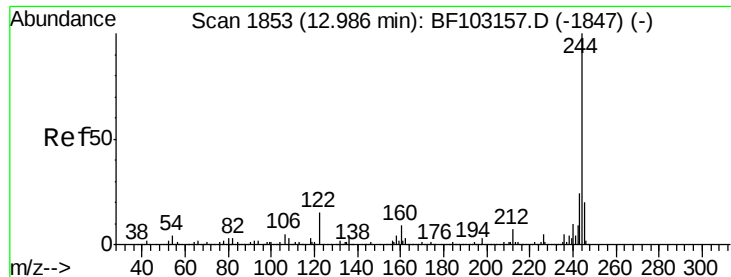


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.209 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF103379.D

Acq: 2 Mar 2018 21:29

Instrument :

BNA_F

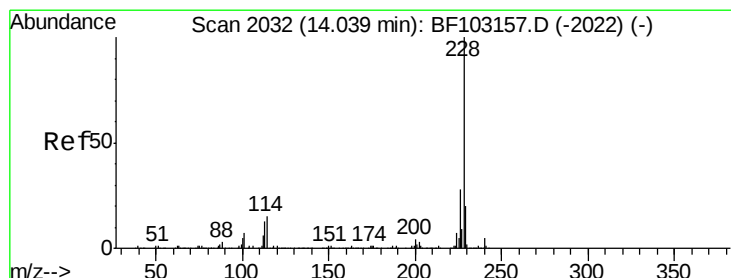
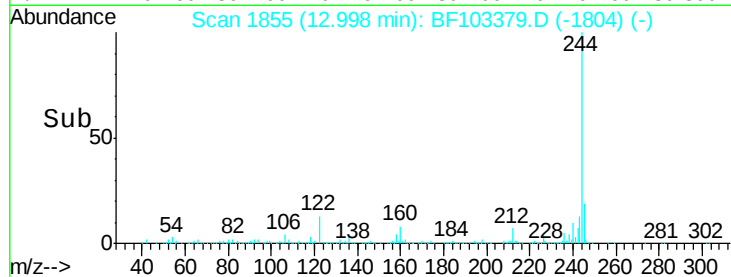
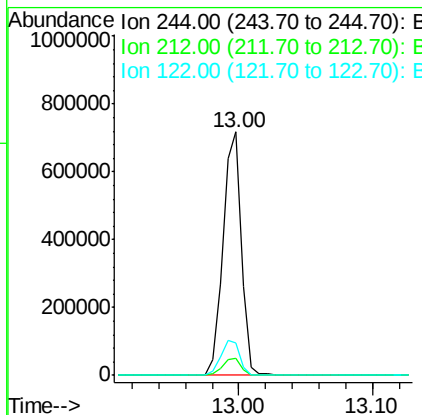
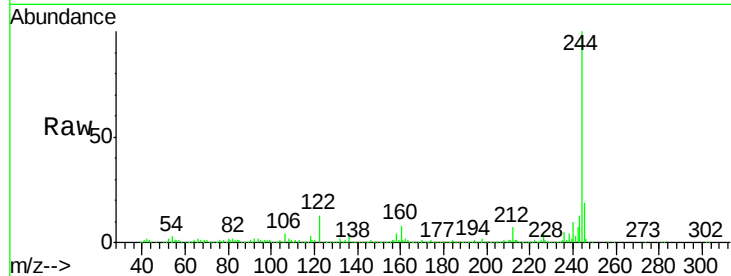
ClientSampleId :

SP-50

Tot Ion:	244	Resp:	700587
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 6.725 ng

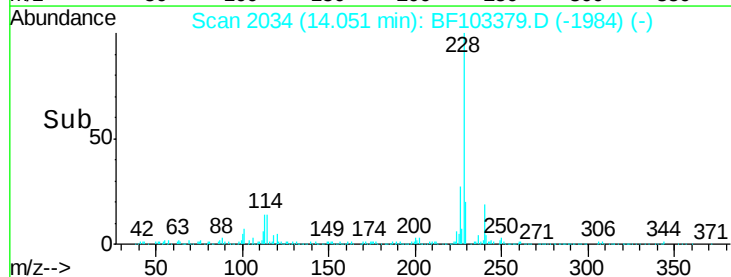
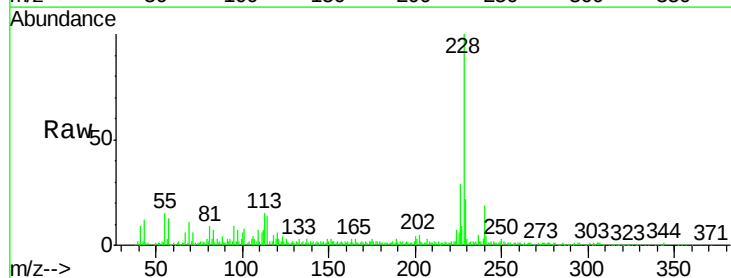
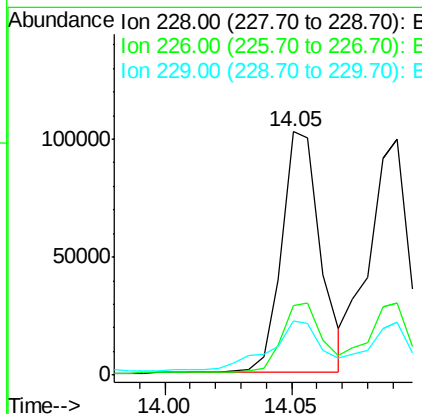
RT: 14.05 min Scan# 2034

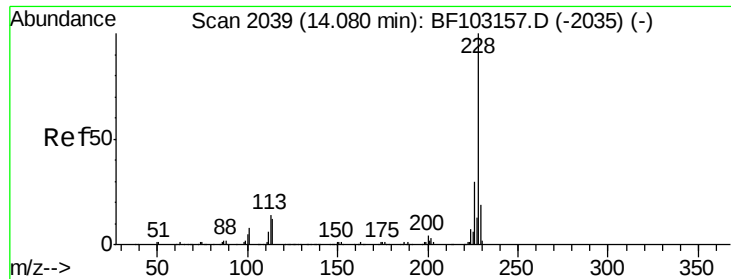
Delta R.T. -0.01 min

Lab File: BF103379.D

Acq: 2 Mar 2018 21:29

Tgt Ion:	228	Resp:	109338
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.6	33.8
229	22.1	15.8	23.6





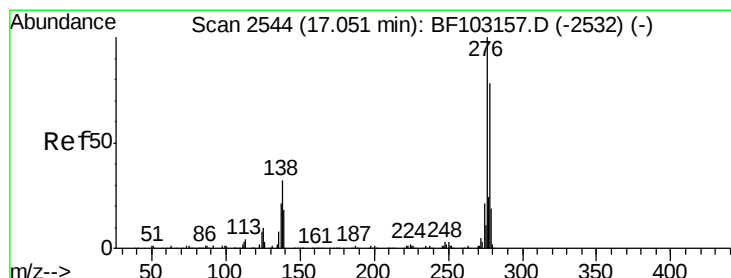
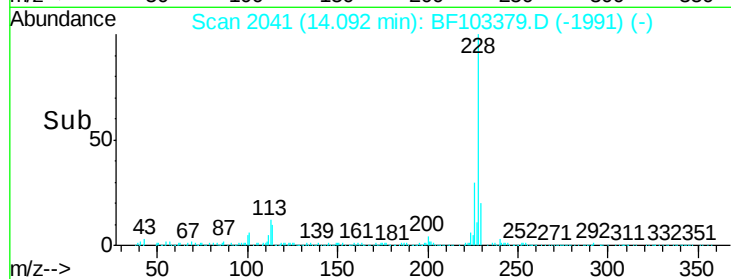
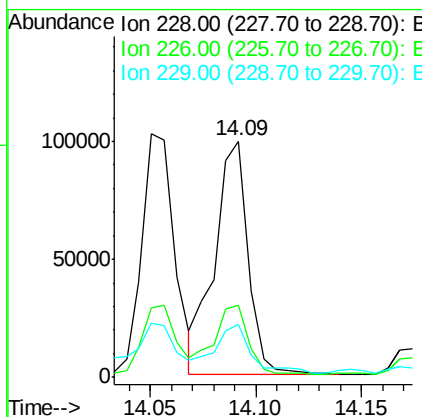
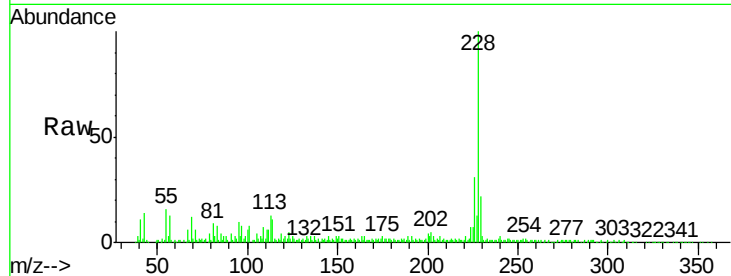
#82
Chrysene
Concen: 6.914 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

Tot Ion:	228	Resp:	109143
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.3	16.2	24.4

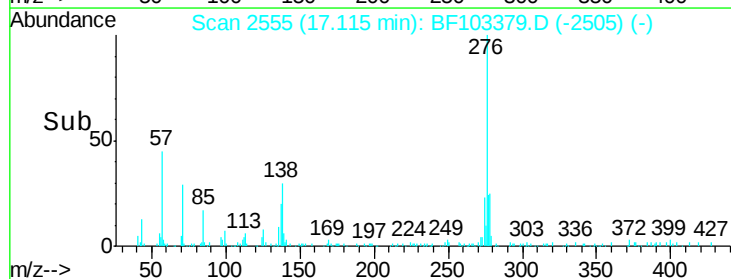
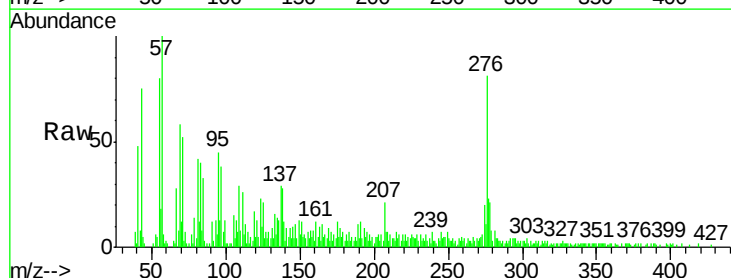
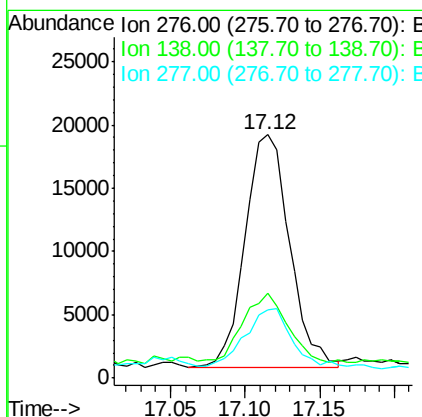
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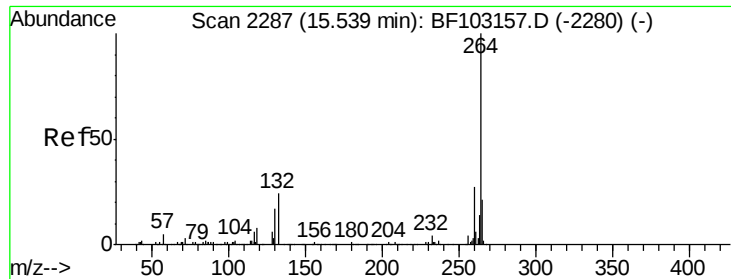
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.025 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion:	276	Resp:	37801
Ion Ratio	Lower	Upper	
276	100		
138	30.5	25.0	37.6
277	25.5	20.1	30.1





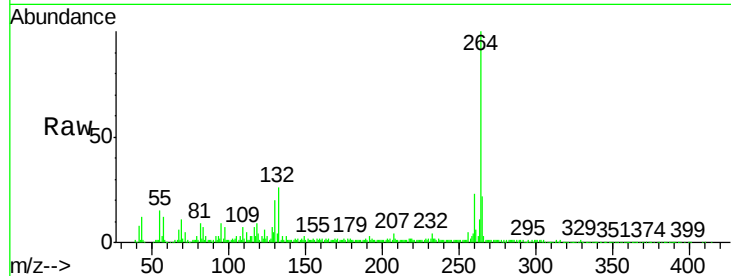
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-50

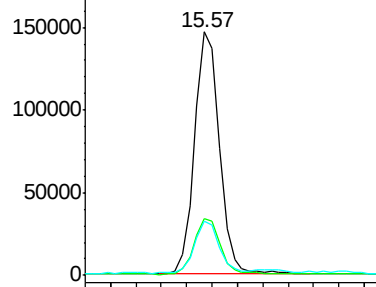
Tot Ion	Ratio	Resp	Lower	Upper
264	100	199381		
260	23.3		19.2	28.8
265	22.1		17.5	26.3

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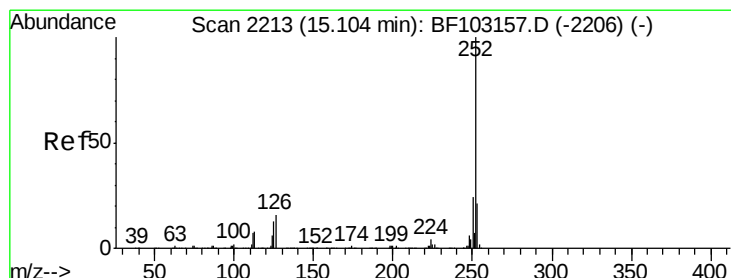
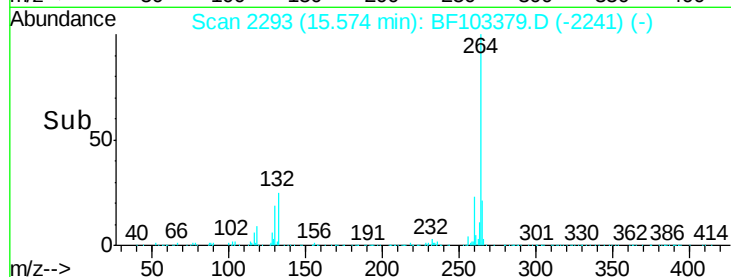
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

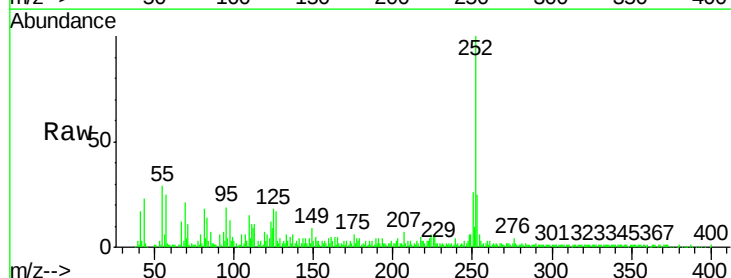


Time-->

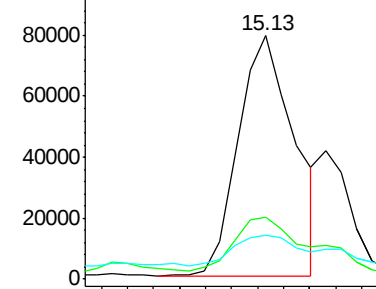


#87
Benzo(b)fluoranthene
Concen: 9.113 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

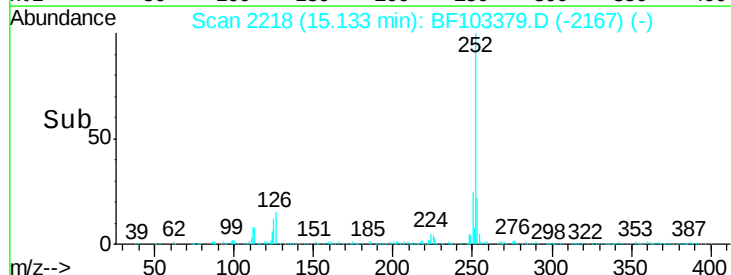
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119468		
253	25.2		17.0	25.6
125	17.8		9.0	13.6#

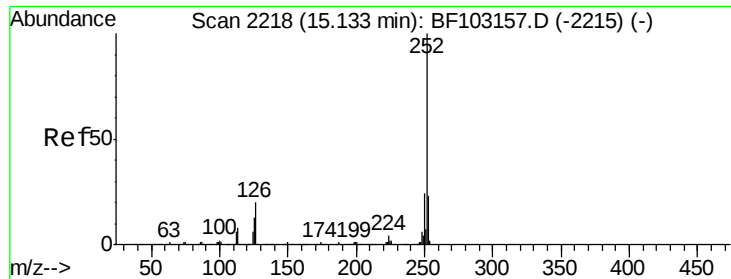


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





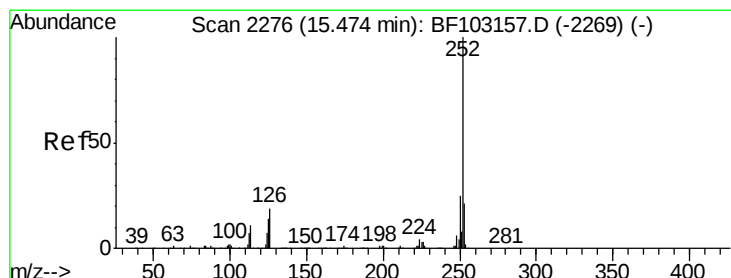
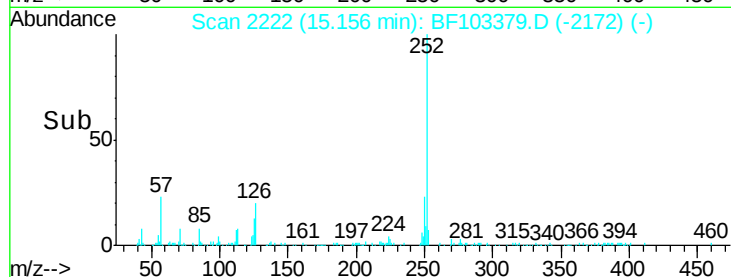
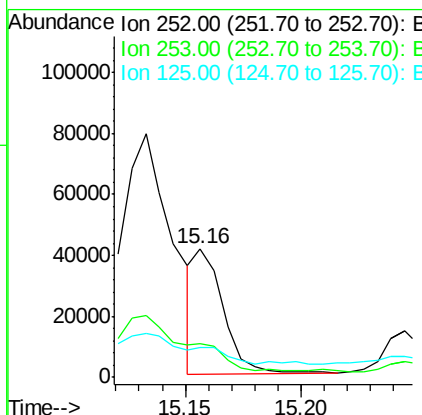
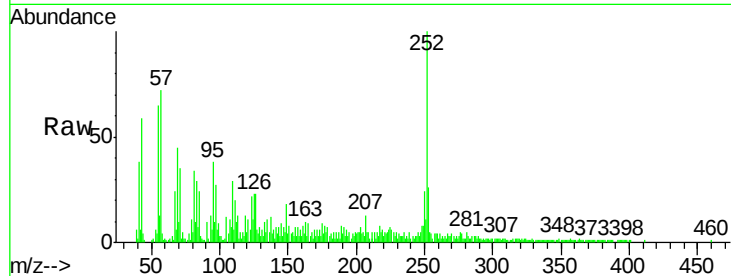
#88
Benzo(k)fluoranthene
Concen: 2.902 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Instrument :
BNA_F
Client Sampled :
SP-50

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	23.2	10.2	15.2

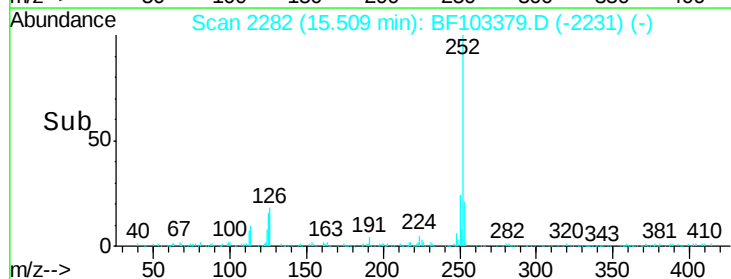
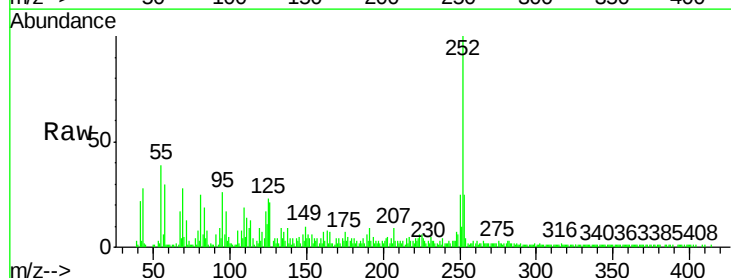
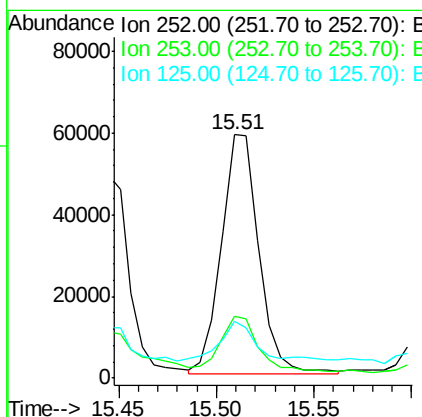
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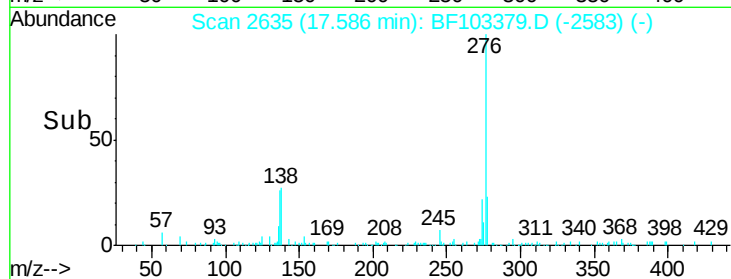
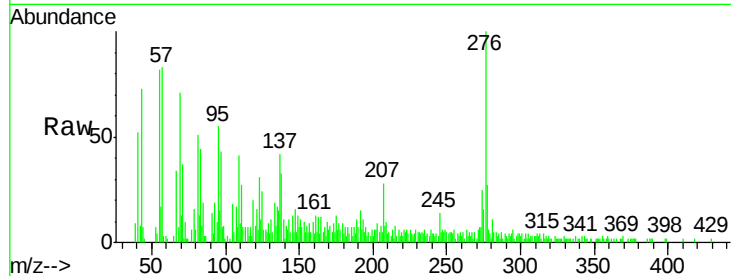
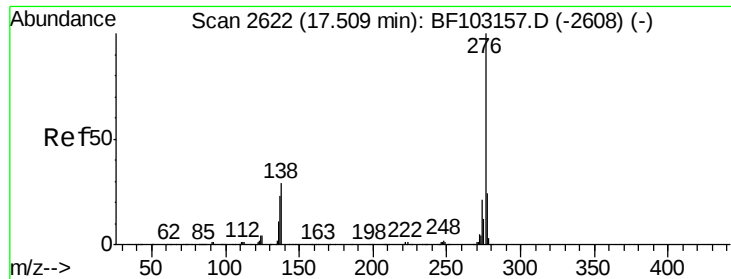
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#89
Benzo(a)pyrene
Concen: 6.638 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103379.D
Acq: 2 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	23.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.298 ng
 RT: 17.59 min Scan# 2635
 Delta R.T. 0.01 min
 Lab File: BF103379.D
 Acq: 2 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-50

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	33.5	21.8	32.8#

Manual Integrations
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