

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103425.D
 Acq On : 5 Mar 2018 22:42
 Operator : SJ/JU
 Sample : J1723-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Manual Integrations
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 3/6/2018 4:23:32 PM

Quant Time: Mar 06 01:06:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121133	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	488828	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	195617	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288262	20.00	ng	0.00
75) Chrysene-d12	14.07	240	182279	20.00	ng	0.00
86) Perylene-d12	15.58	264	131486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	936585	116.94	ng	0.00
7) Phenol-d6	6.52	99	1095684	111.80	ng	0.00
23) Nitrobenzene-d5	7.44	82	598688	69.94	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	136387	82.37	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	828592	69.91	ng	0.00
78) Terphenyl-d14	13.00	244	571430	75.36	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	189535	11.948	ng	99
71) Anthracene	11.49	178	52155	3.206	ng	99
74) Fluoranthene	12.63	202	328111	20.582	ng	99
77) Pyrene	12.86	202	310513	21.849	ng	99
80) Benzo(a)anthracene	14.06	228	146118	12.355	ng	99
82) Chrysene	14.09	228	127925	11.140	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	49393	5.433	ng	97
87) Benzo(b)fluoranthene	15.14	252	143211m	16.566	ng	
88) Benzo(k)fluoranthene	15.16	252	31943m	3.924	ng	
89) Benzo(a)pyrene	15.52	252	88848	11.509	ng	# 91
91) Benzo(g,h,i)perylene	17.60	276	48674	8.349	ng	# 87

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

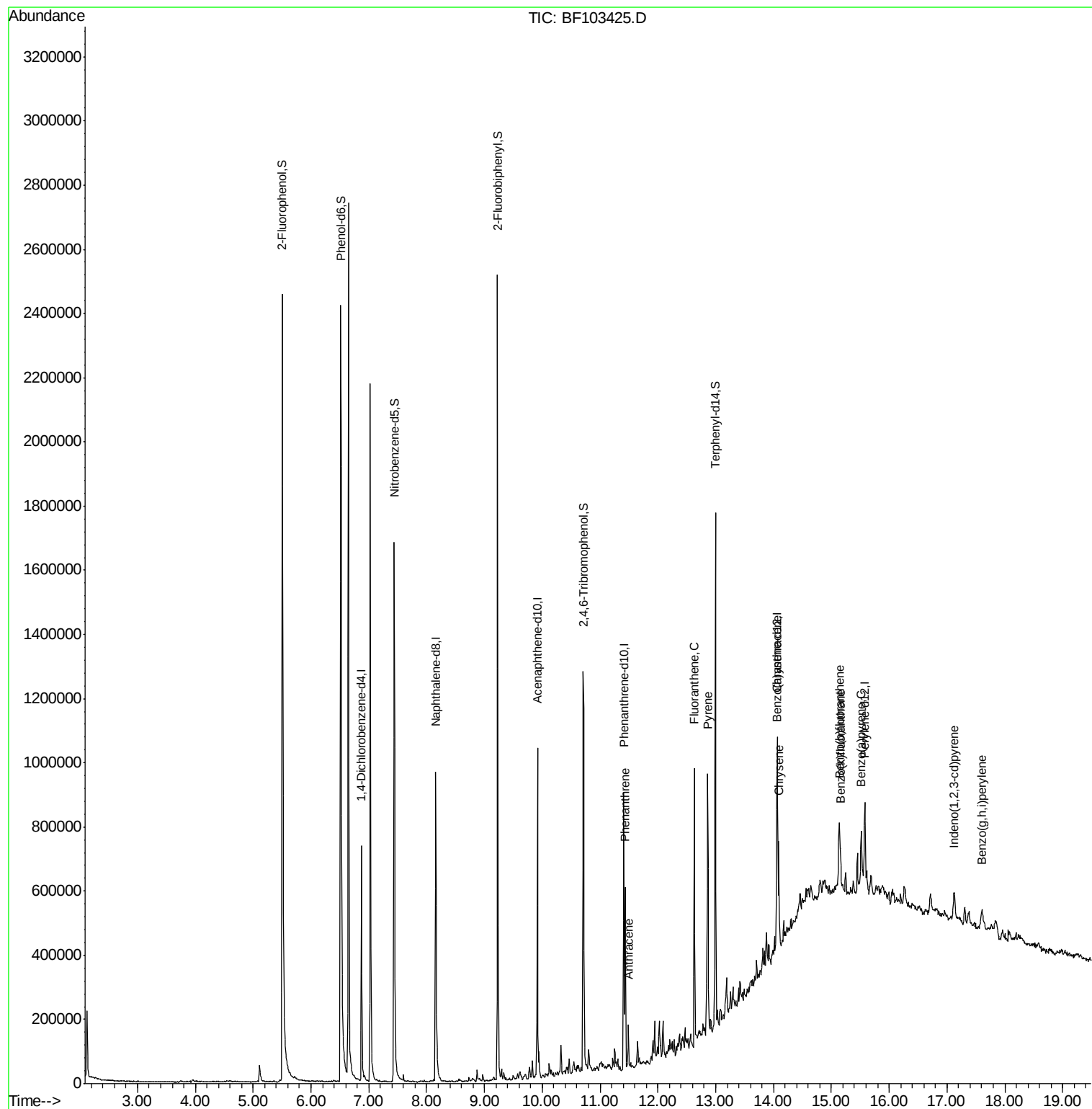
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103425.D
Acq On : 5 Mar 2018 22:42
Operator : SJ/JU
Sample : J1723-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

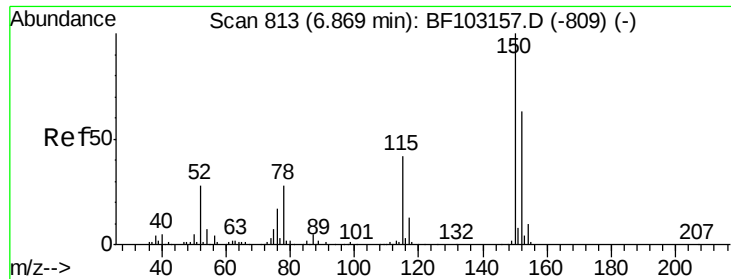
Instrument :
BNA_F
ClientSampled :
SP-26

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Quant Time: Mar 06 01:06:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration





#1

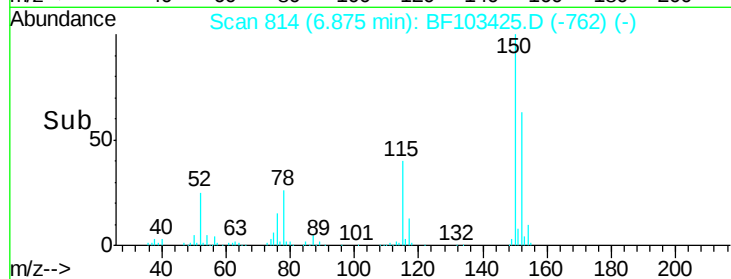
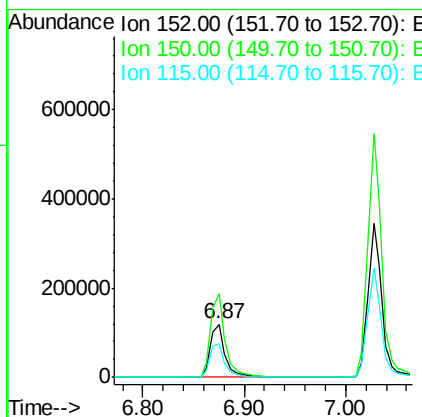
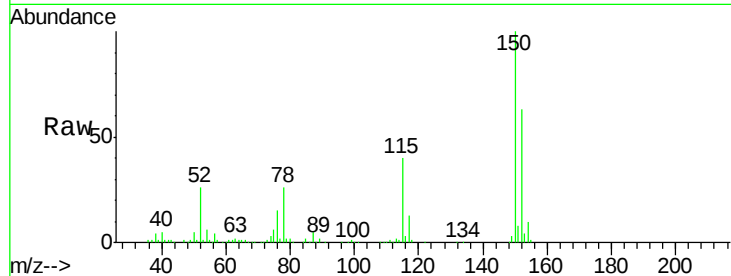
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.6	50.1	75.1

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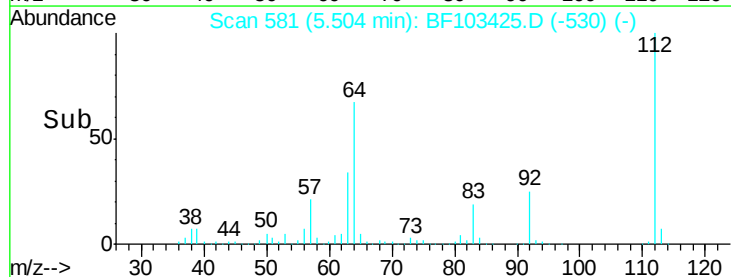
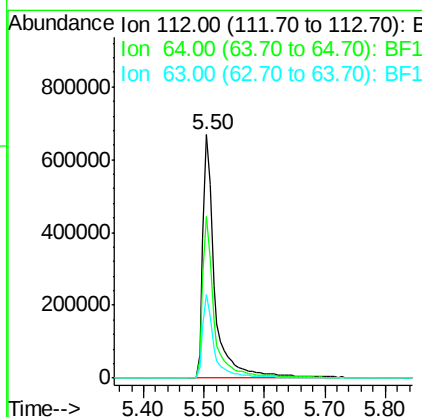
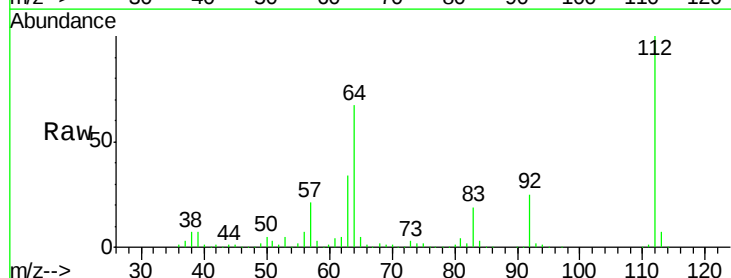
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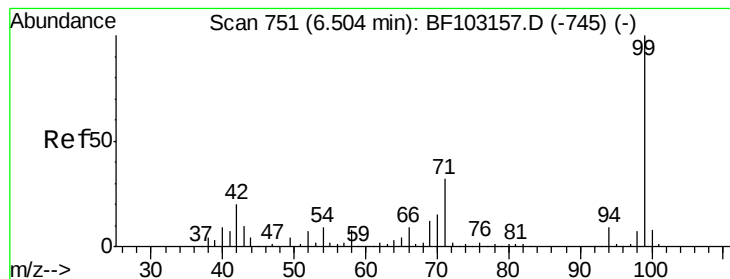


#5

2-Fluorophenol
Concen: 116.939 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 111.800 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103425.D

Acq: 5 Mar 2018 22:42

Instrument :

BNA_F

ClientSampled :

SP-26

Tot Ion: 99 Resp: 1095684

Ion Ratio Lower Upper

99 100

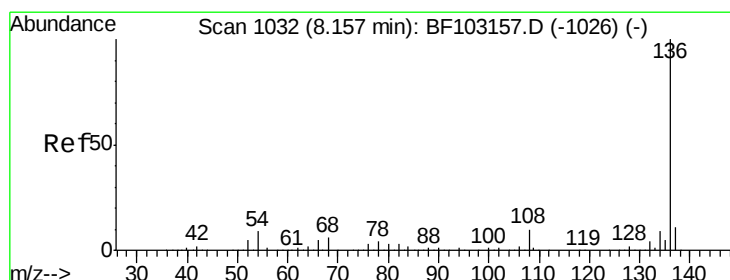
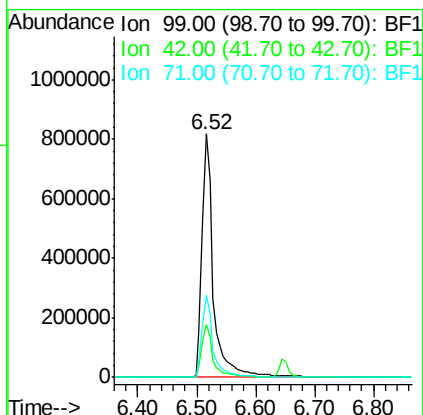
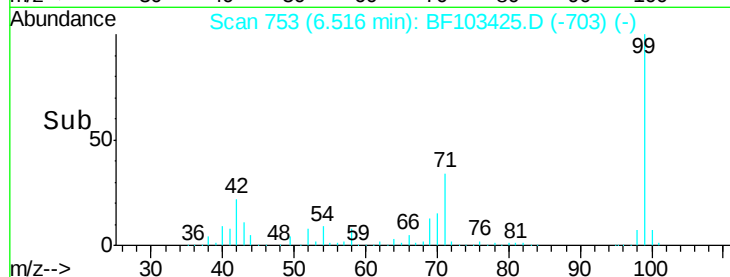
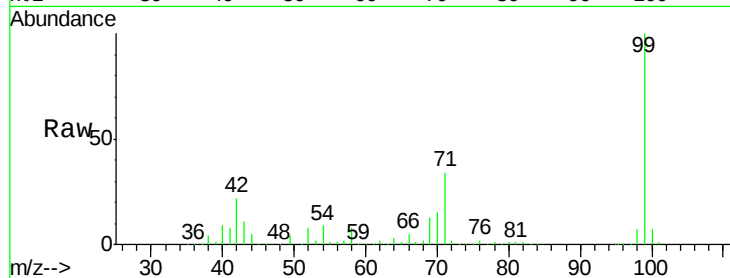
42 21.7 14.5 21.7

71 33.6 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103425.D

Acq: 5 Mar 2018 22:42

Tgt Ion: 136 Resp: 488828

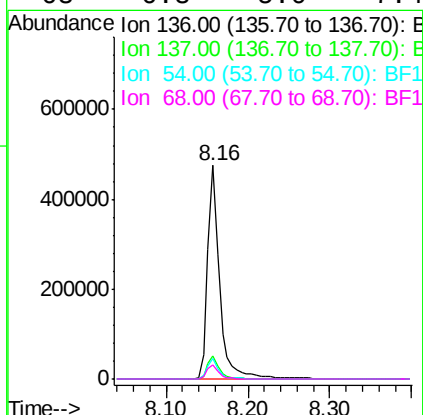
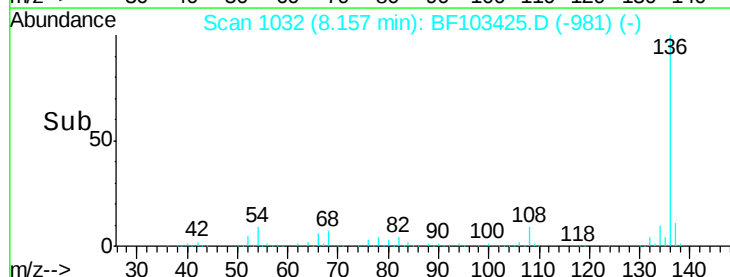
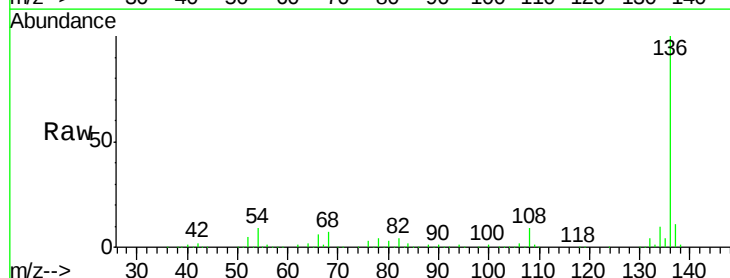
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4





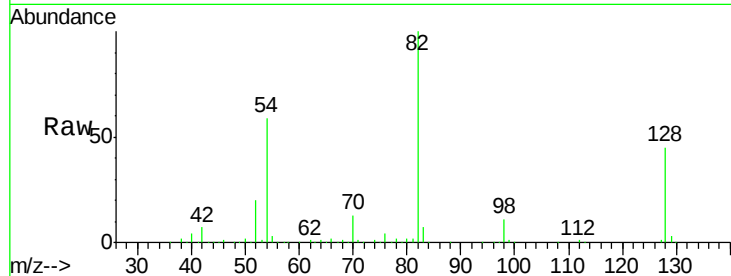
#23
Nitrobenzene-d5
Concen: 69.943 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

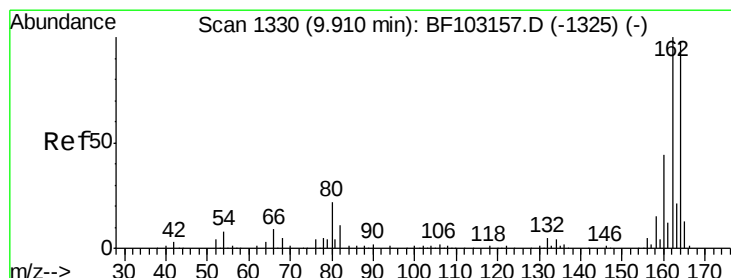
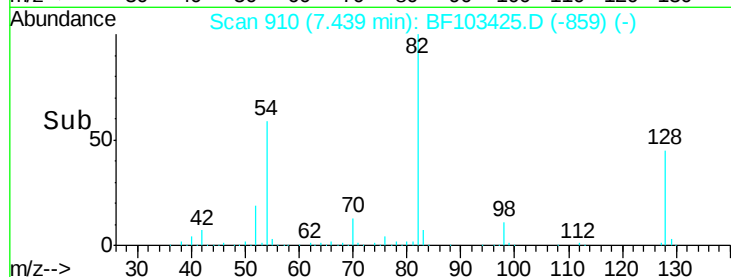
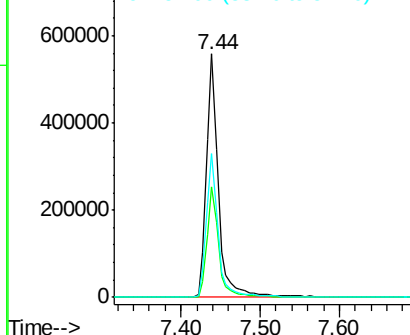
Tot Ion	82	Resp	598688
Ion Ratio	100	Lower	Upper
128	45.3	36.1	54.1
54	58.8	41.4	62.2

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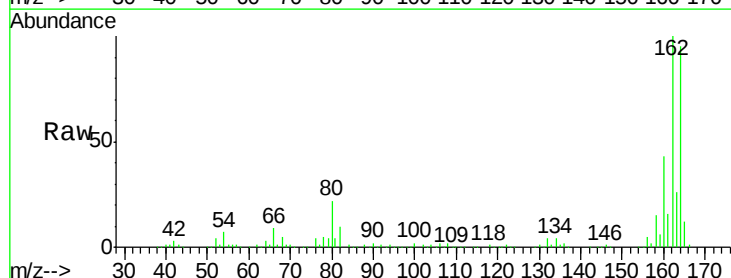


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

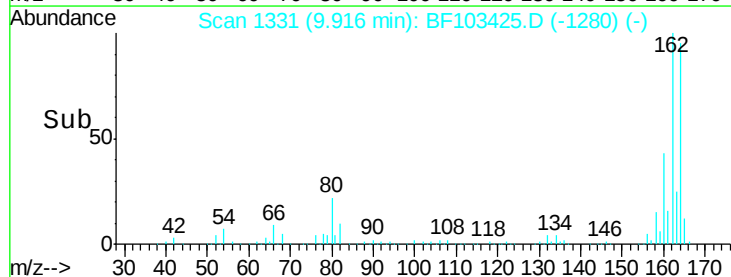
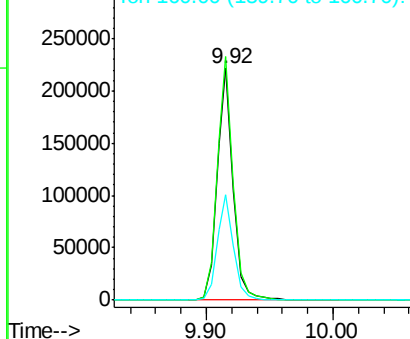


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	164	Resp	195617
Ion Ratio	100	Lower	Upper
162	105.0	86.1	129.1
160	45.2	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





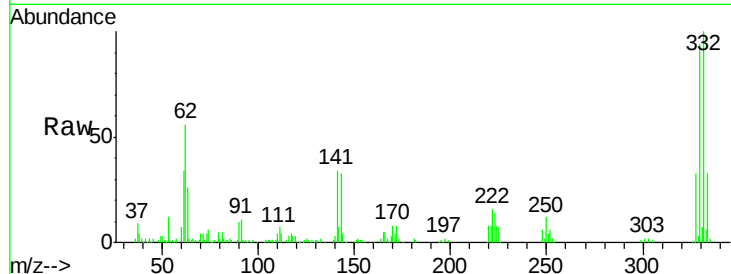
#41
 2,4,6-Tribromophenol
 Concen: 82.370 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Instrument :
 BNA_F
 ClientSampled :
 SP-26

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.0	77.0	115.6	
141	45.0	29.9	44.9	

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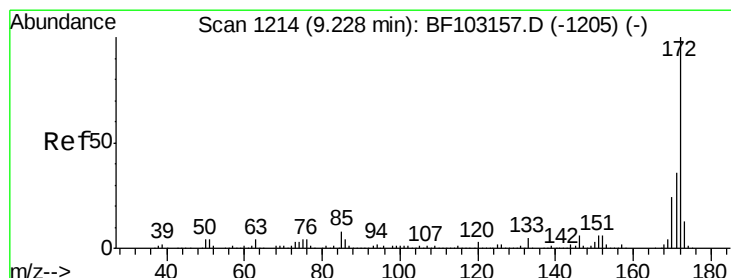
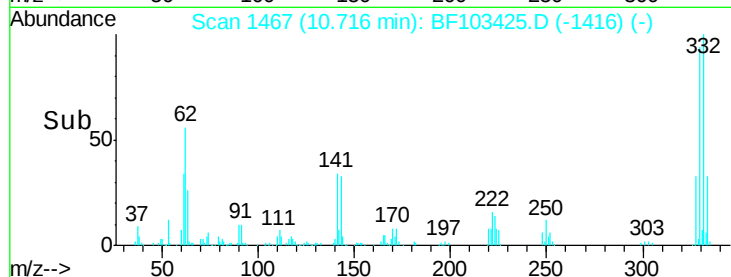
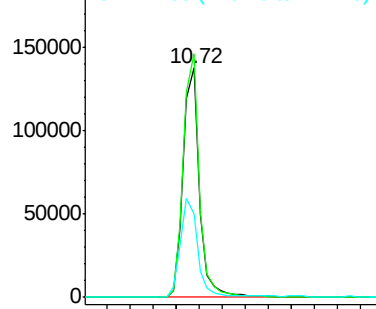


Abundance

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: 69.915 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

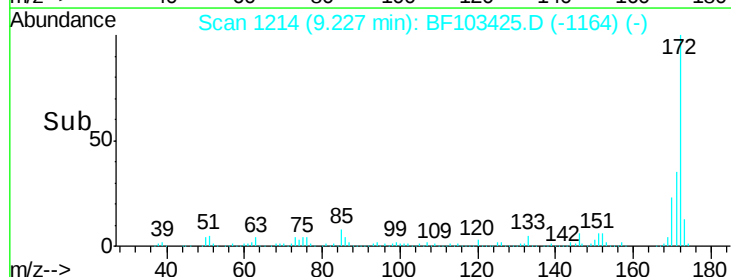
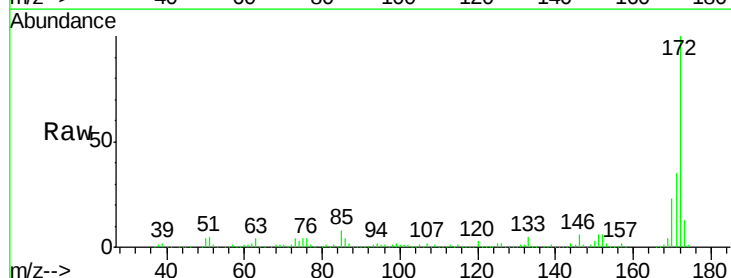
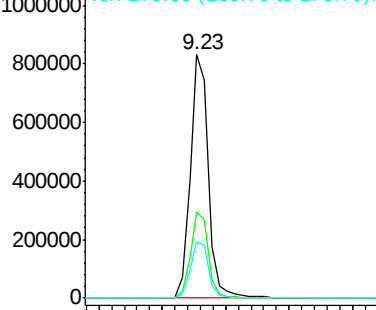
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.7	44.5	
170	23.5	19.6	29.4	

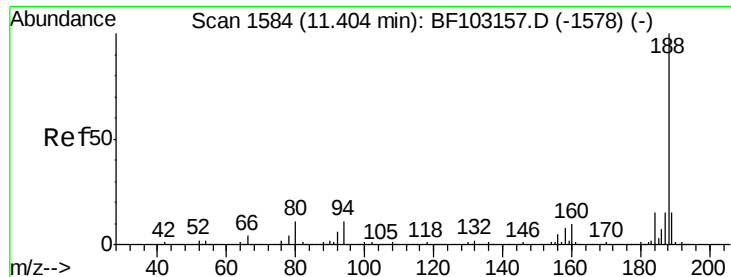
Abundance

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





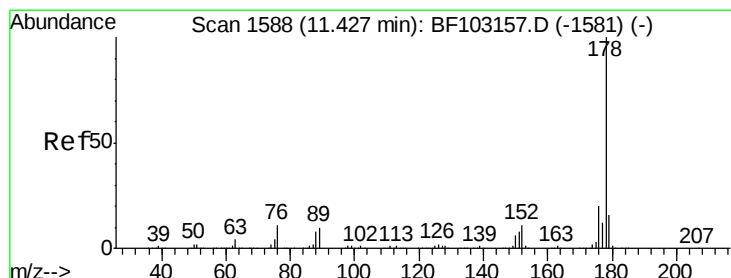
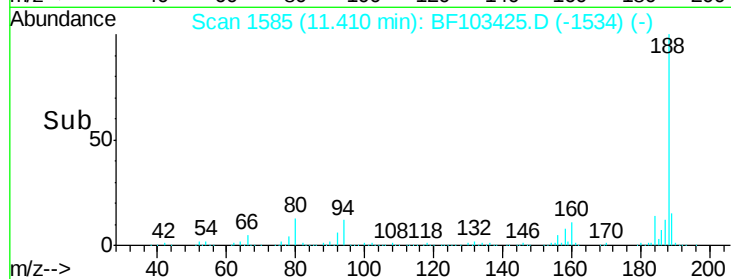
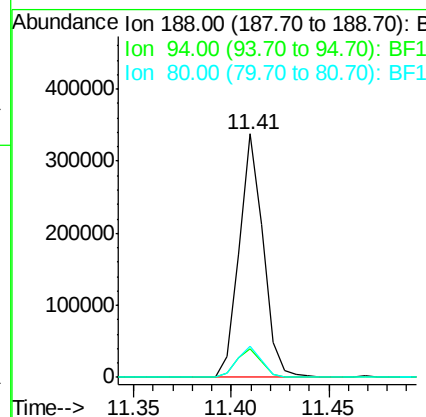
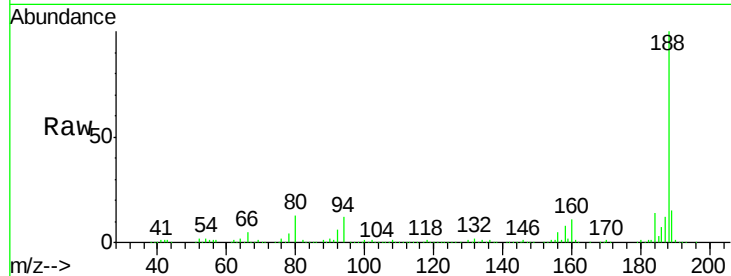
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampleId :
SP-26

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	8.5	12.7
80	13.0	9.2	13.8

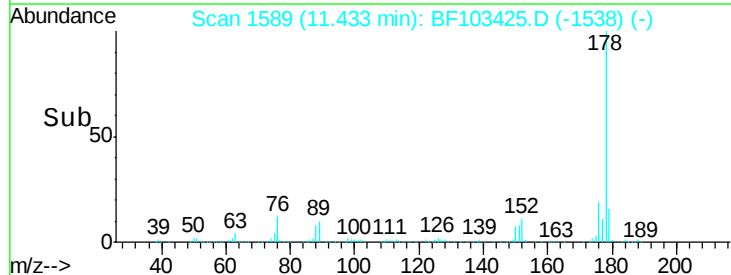
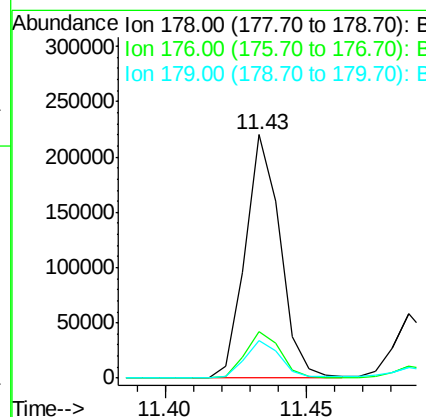
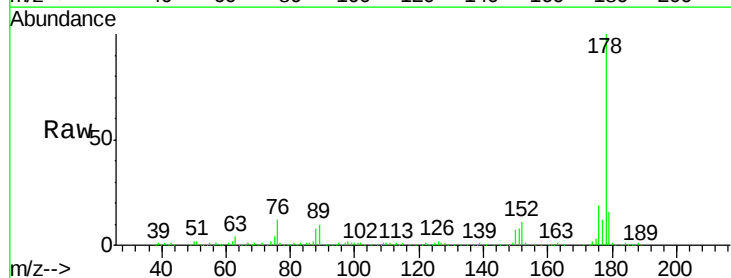
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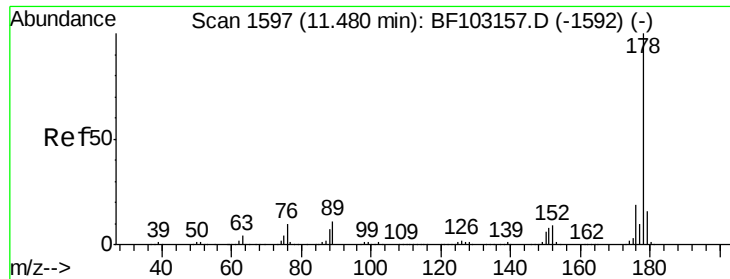
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#70
Phenanthrene
Concen: 11.948 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.6	13.0	19.6





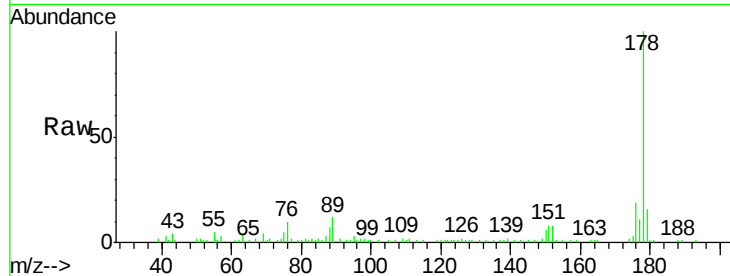
#71
 Anthracene
 Concen: 3.206 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

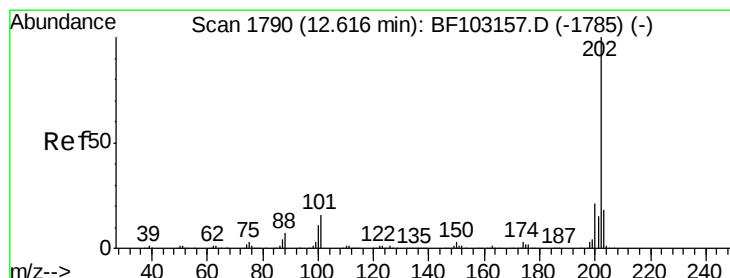
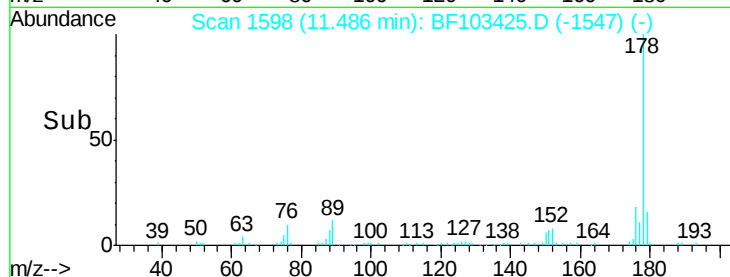
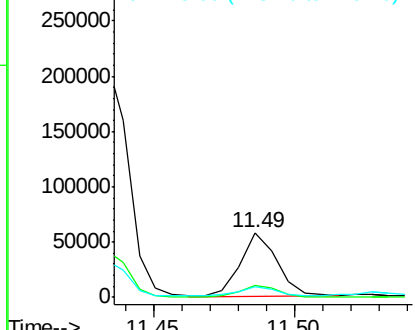
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.1	12.6	19.0

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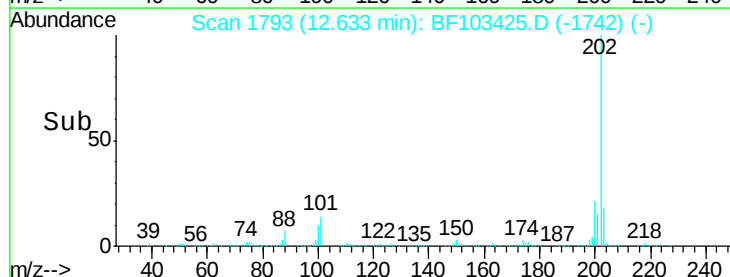
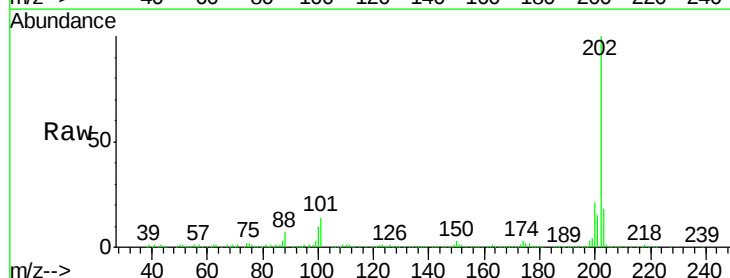
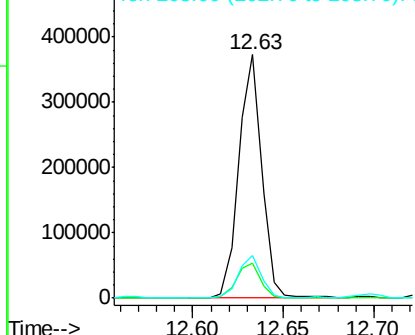
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

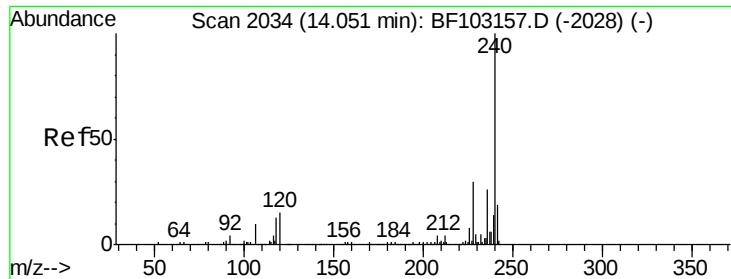


#74
 Fluoranthene
 Concen: 20.582 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.7	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





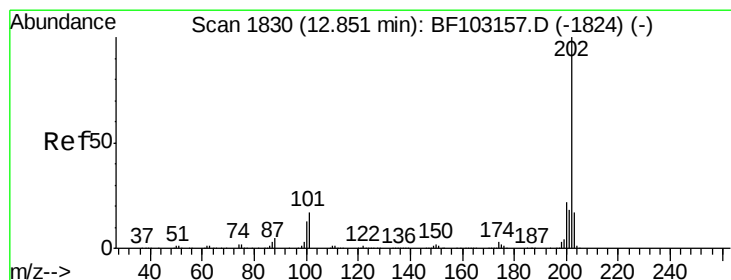
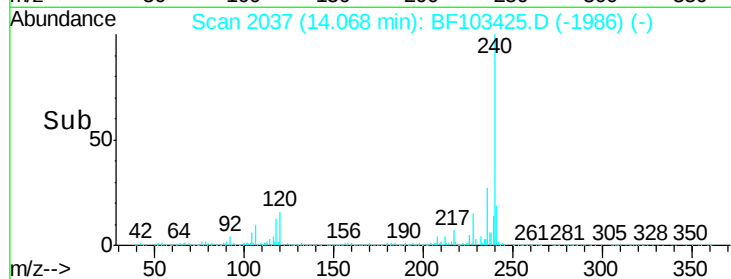
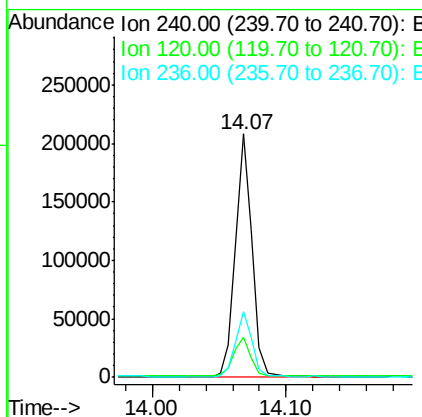
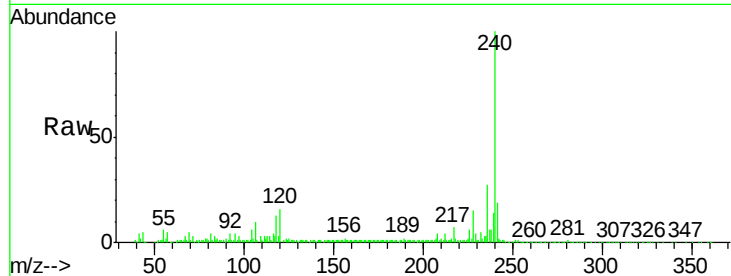
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	27.0	20.7	31.1

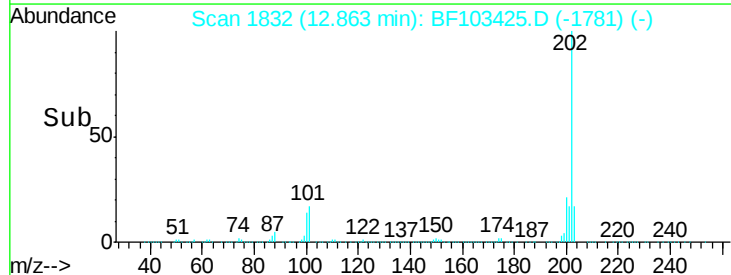
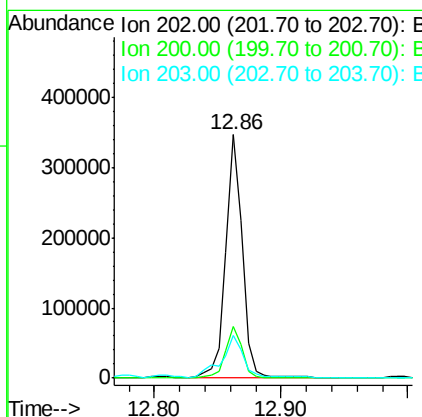
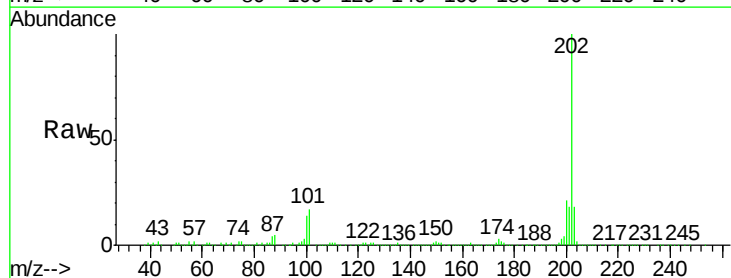
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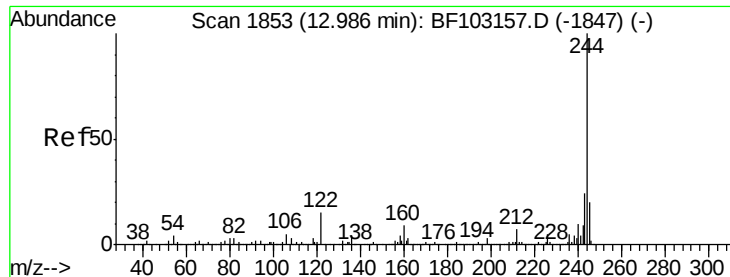
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#77
Pyrene
Concen: 21.849 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5





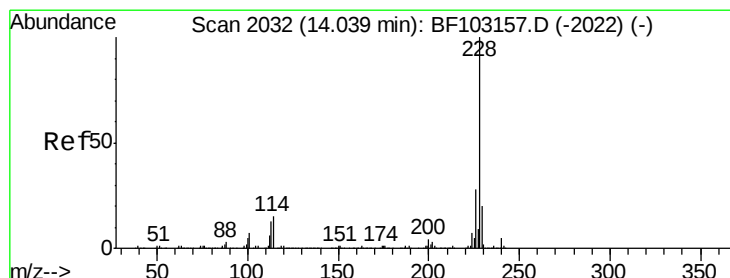
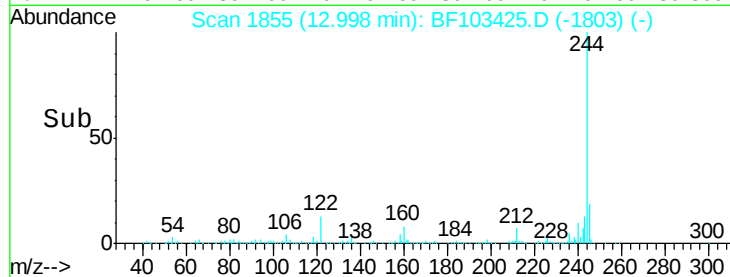
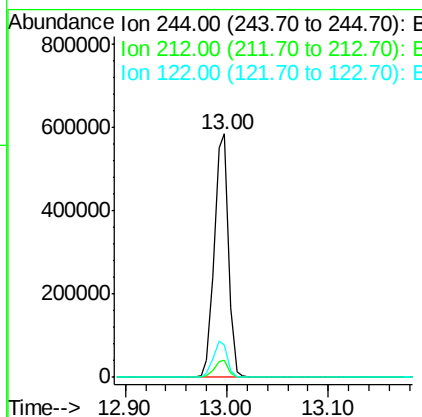
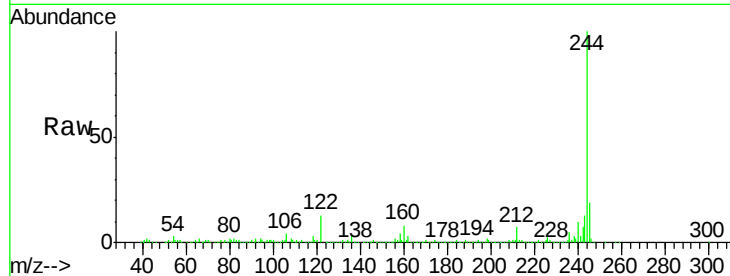
#78
 Terphenyl-d14
 Concen: 75.359 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4

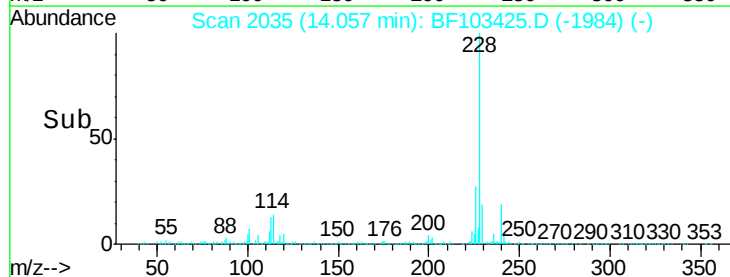
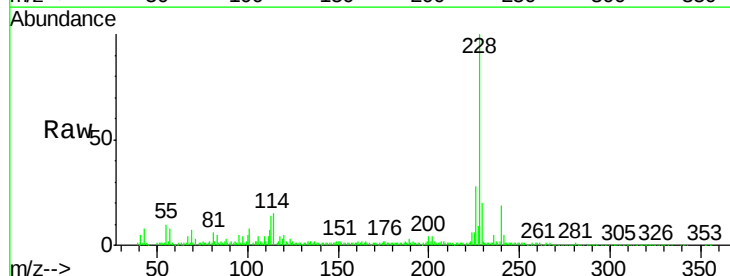
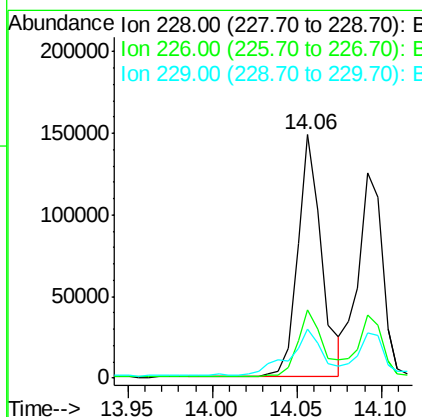
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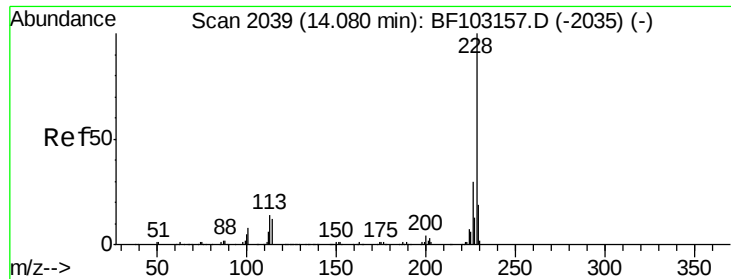
Sohil
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#80
 Benzo(a)anthracene
 Concen: 12.355 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6





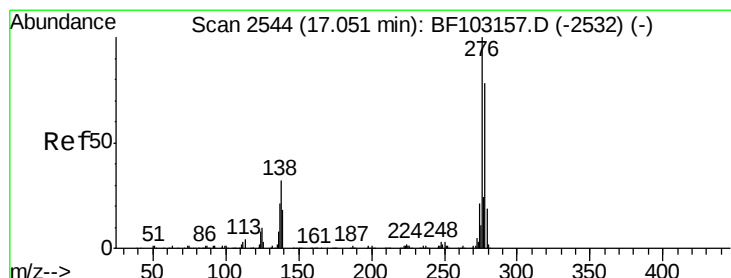
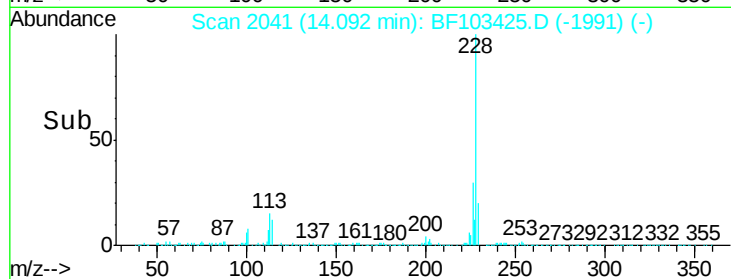
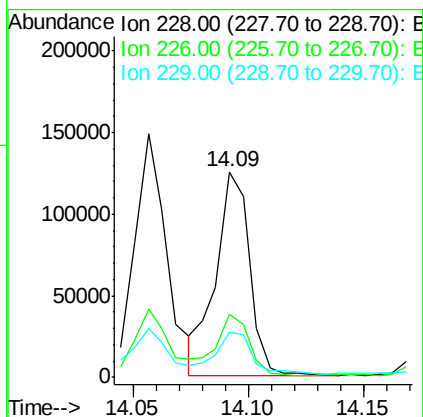
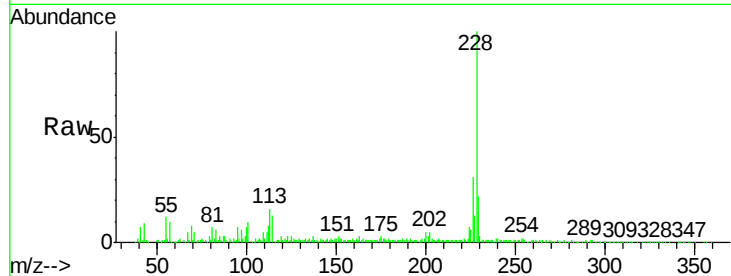
#82
Chrysene
Concen: 11.140 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion:	228	Resp:	127925
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.2	16.2	24.4

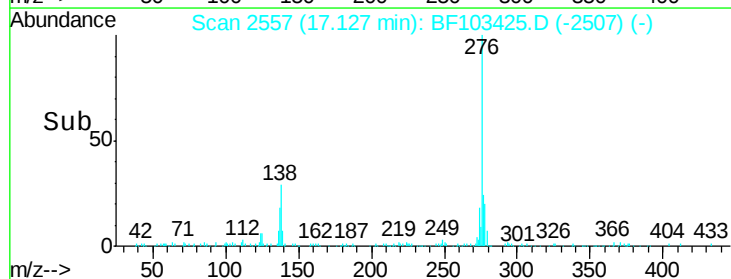
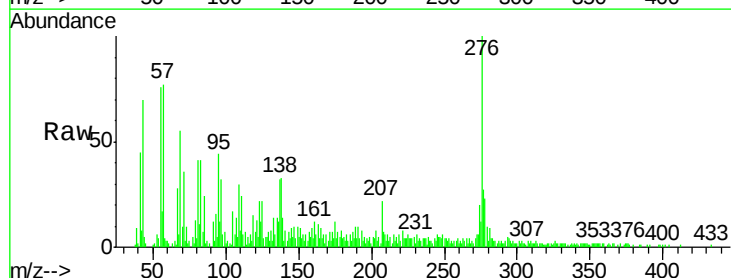
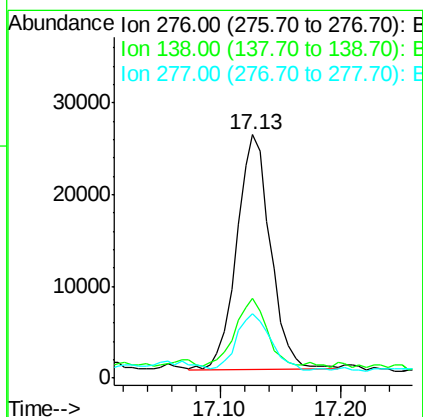
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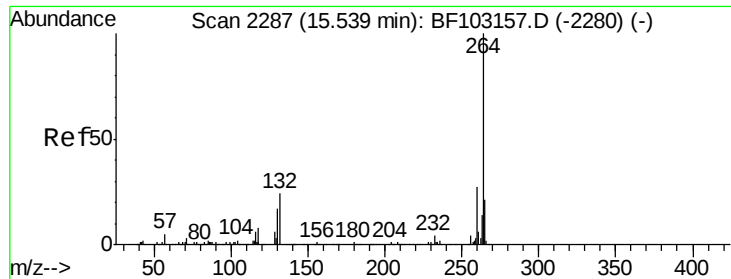
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.433 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion:	276	Resp:	49393
Ion Ratio	Lower	Upper	
276	100		
138	29.3	25.0	37.6
277	24.3	20.1	30.1





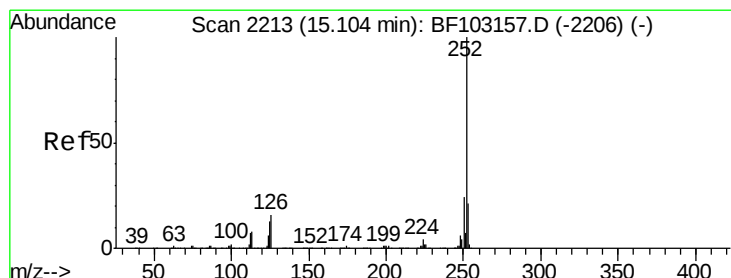
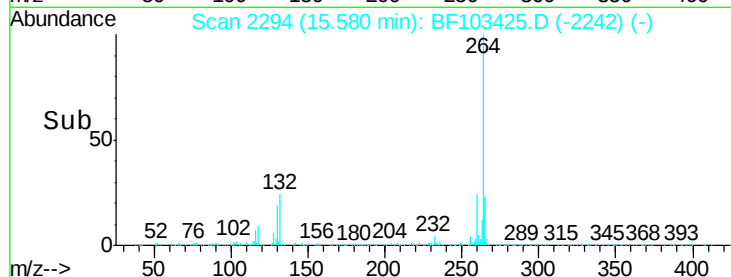
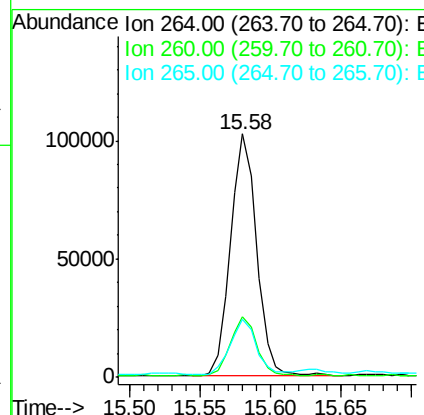
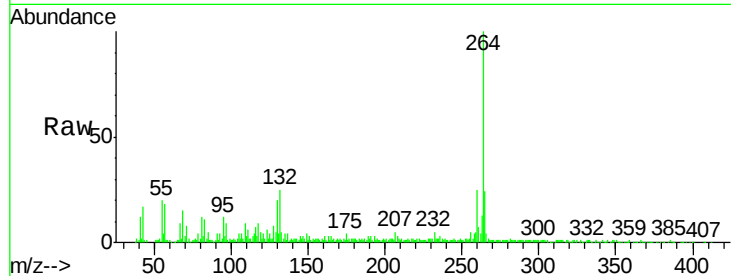
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	23.9	17.5	26.3

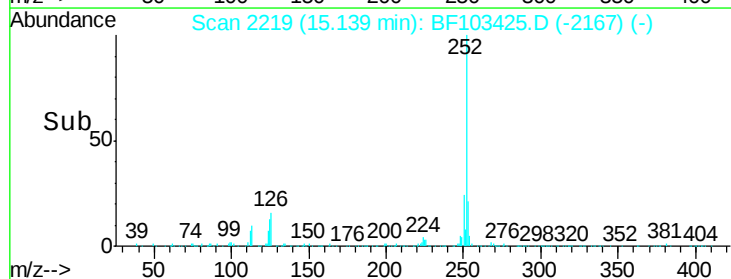
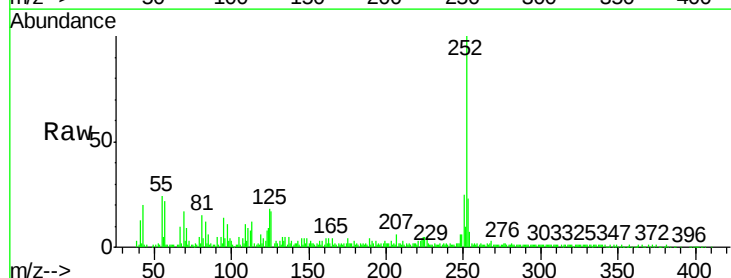
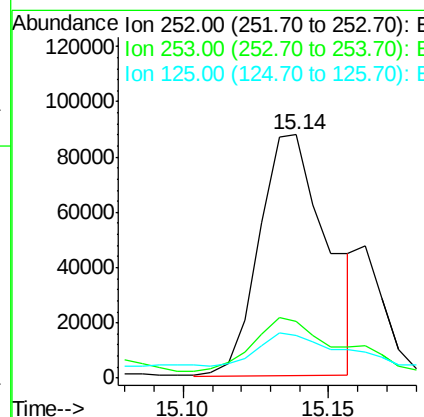
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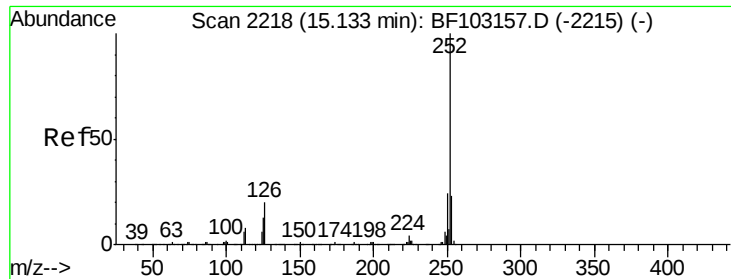
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#87
Benzo(b)fluoranthene
Concen: 16.566 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	17.7	9.0	13.6





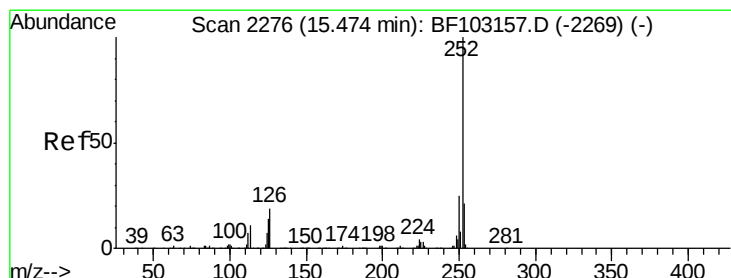
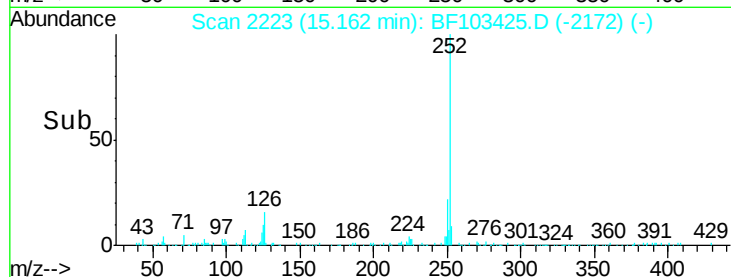
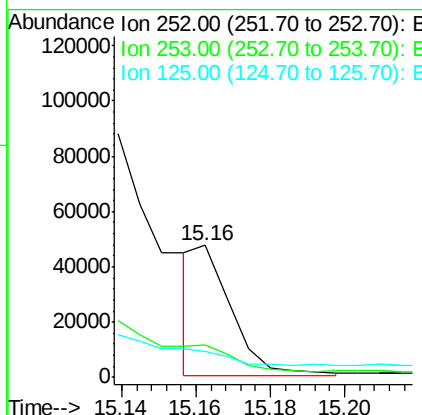
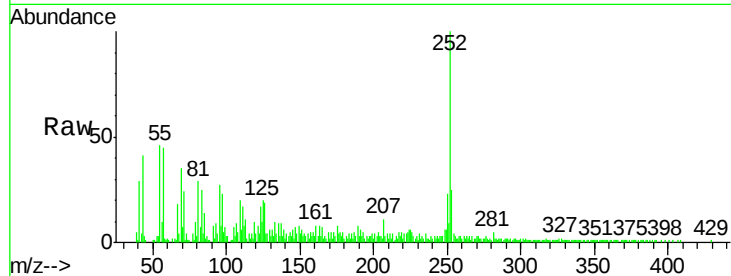
#88
Benzo(k)fluoranthene
Concen: 3.924 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	20.0	10.2	15.2

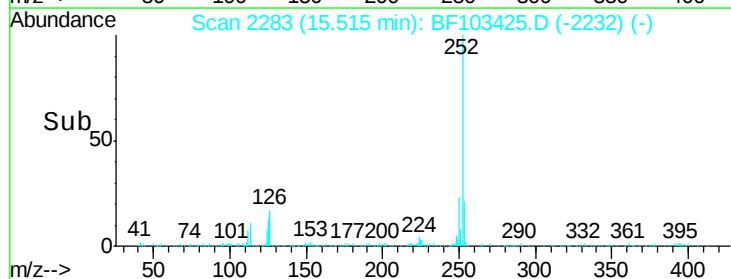
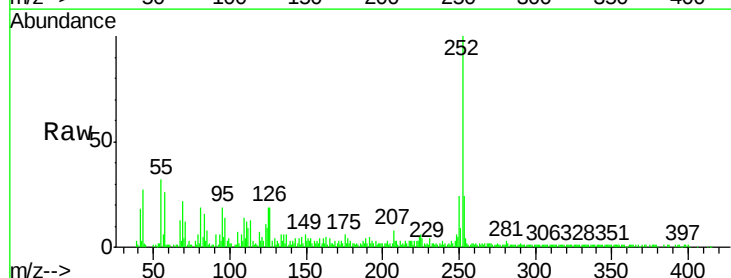
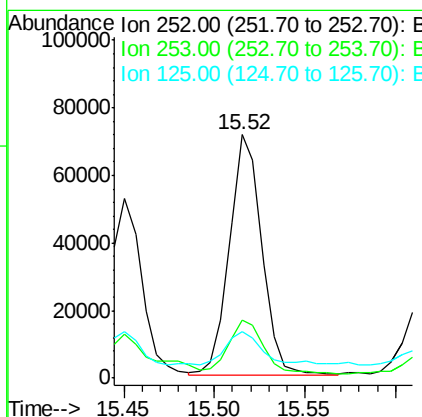
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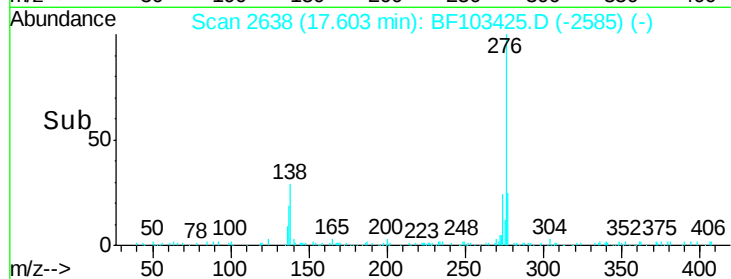
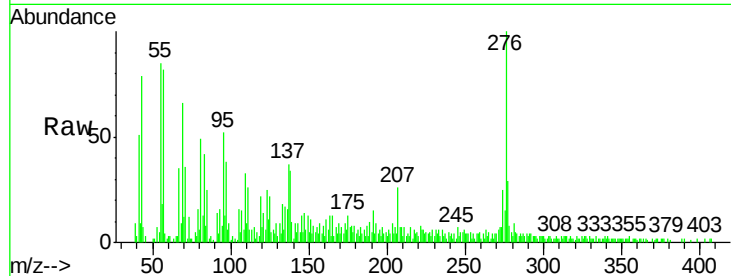
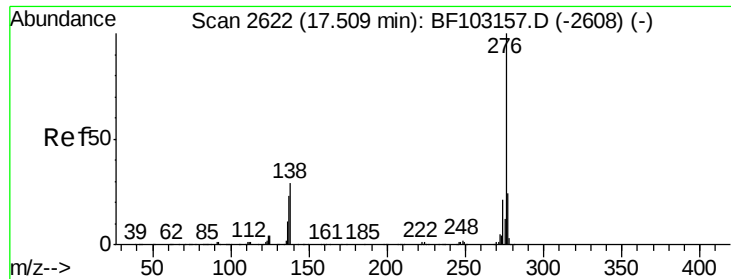
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#89
Benzo(a)pyrene
Concen: 11.509 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103425.D
Acq: 5 Mar 2018 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	18.9	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 8.349 ng
 RT: 17.60 min Scan# 2638
 Delta R.T. 0.01 min
 Lab File: BF103425.D
 Acq: 5 Mar 2018 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	33.9	21.8	32.8#

Manual Integrations
 APPROVED

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