

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103449.D
 Acq On : 6 Mar 2018 12:17
 Operator : SJ/JU
 Sample : J1723-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Manual Integrations
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Sohil
 3/7/2018 12:14:43 PM

Quant Time: Mar 06 13:05:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118249	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	495747	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	218473	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	348035	20.00	ng	0.00
75) Chrysene-d12	14.06	240	220296	20.00	ng	0.00
86) Perylene-d12	15.59	264	216186	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	868776	111.12	ng	0.00
7) Phenol-d6	6.51	99	1060354	110.83	ng	0.00
23) Nitrobenzene-d5	7.44	82	671150	77.31	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	154595	83.60	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	866238	64.41	ng	0.00
78) Terphenyl-d14	12.99	244	587639	64.12	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	232620	12.145	ng	98
71) Anthracene	11.49	178	68472	3.486	ng	98
74) Fluoranthene	12.63	202	353848	18.384	ng	100
77) Pyrene	12.86	202	338983	19.736	ng	100
80) Benzo(a)anthracene	14.06	228	164723	11.524	ng	97
82) Chrysene	14.09	228	155494	11.204	ng	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	74119	6.746	ng	98
87) Benzo(b)fluoranthene	15.14	252	213662m	15.032	ng	
88) Benzo(k)fluoranthene	15.16	252	58168m	4.346	ng	
89) Benzo(a)pyrene	15.52	252	139255	10.971	ng	# 92
90) Dibenzo(a,h)anthracene	17.12	278	20709	2.111	ng	# 75
91) Benzo(a,h,i)perylene	17.60	276	72483	7.561	ng	# 91

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

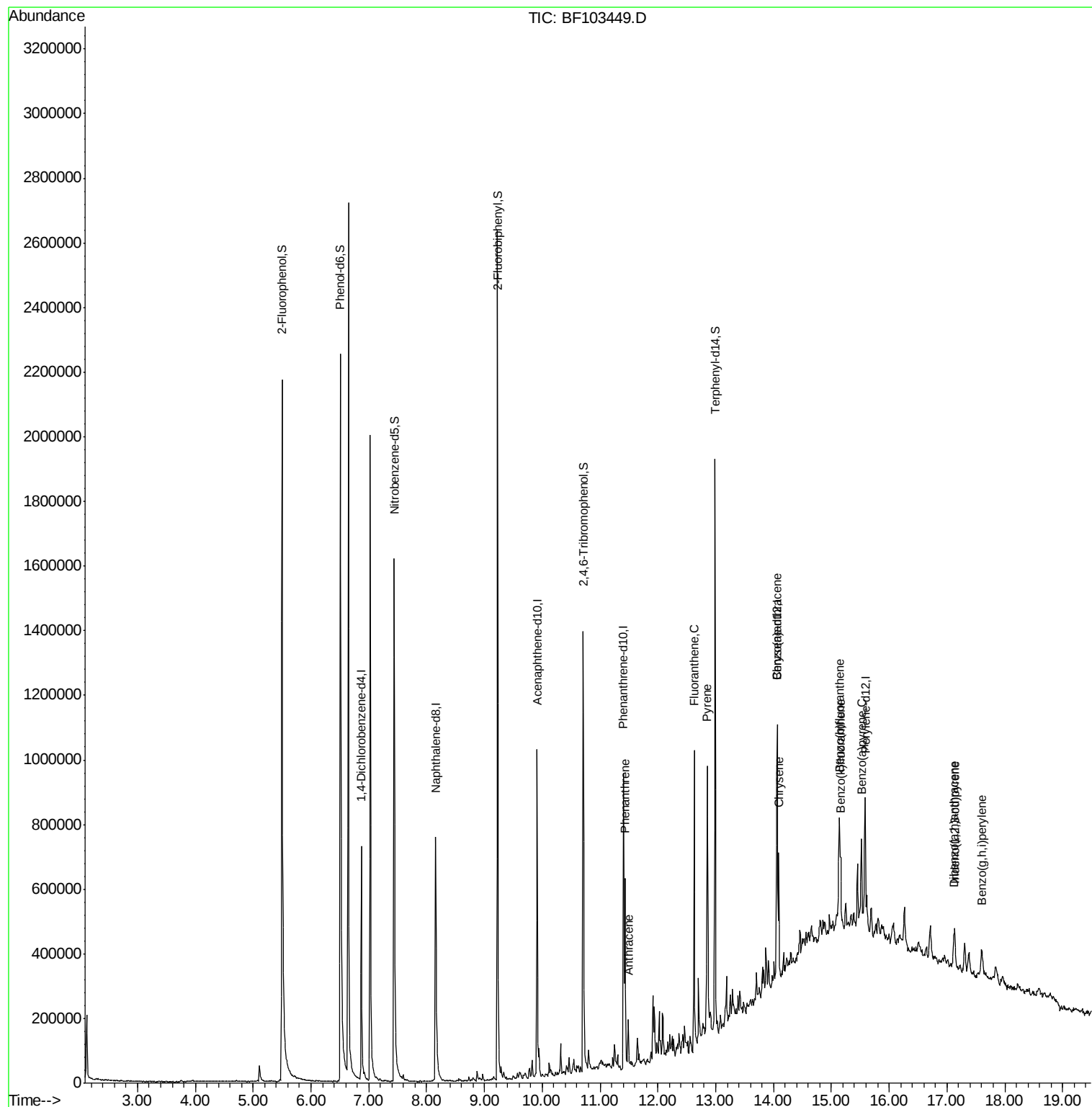
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103449.D
Acq On : 6 Mar 2018 12:17
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#1

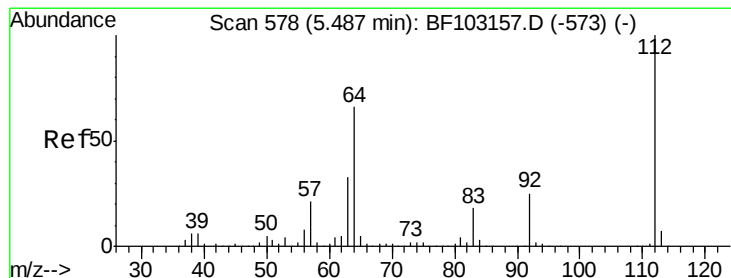
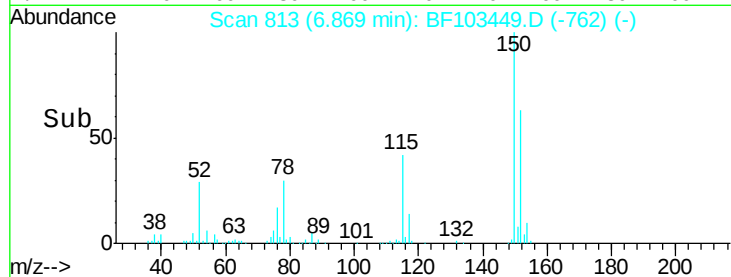
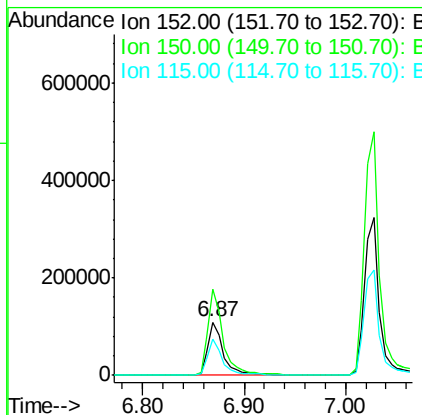
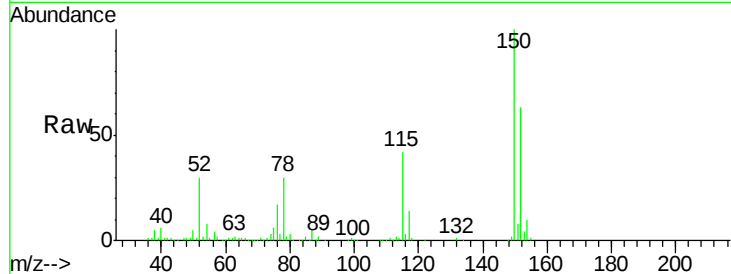
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :
SP-26

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	66.8	50.1	75.1

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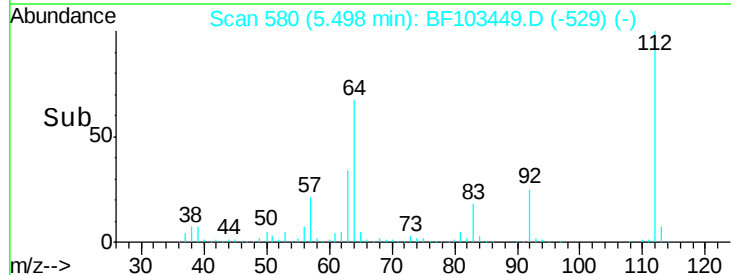
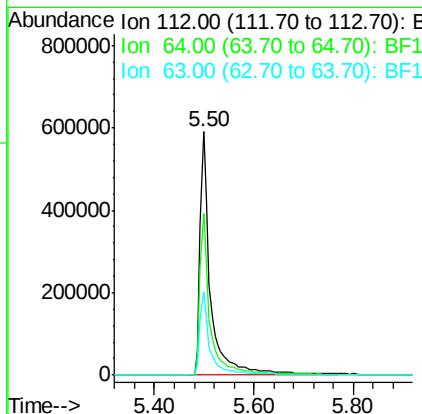
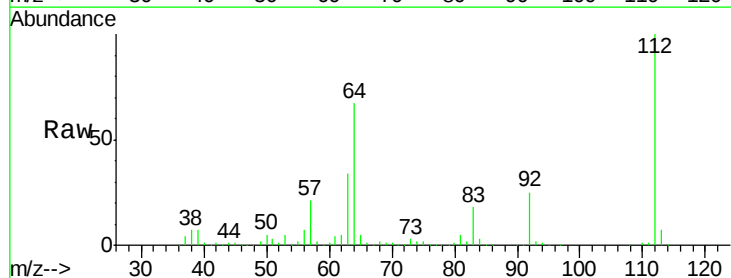
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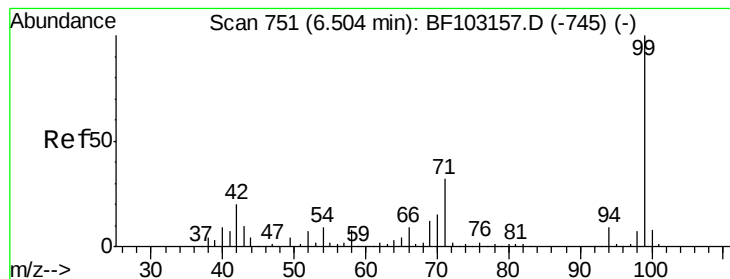


#5

2-Fluorophenol
Concen: 111.118 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.4	23.7	35.5





#7

Phenol-d6

Concen: 110.834 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103449.D

Acq: 6 Mar 2018 12:17

Instrument :

BNA_F

ClientSampled :

SP-26

Tot Ion: 99 Resp: 1060354

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

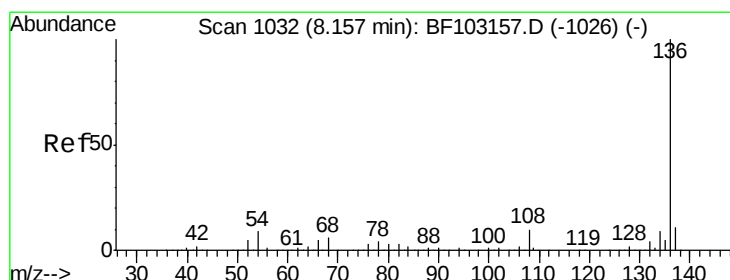
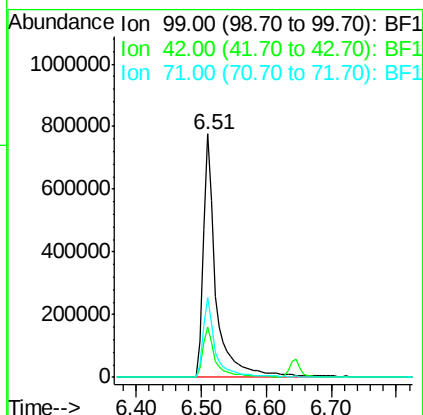
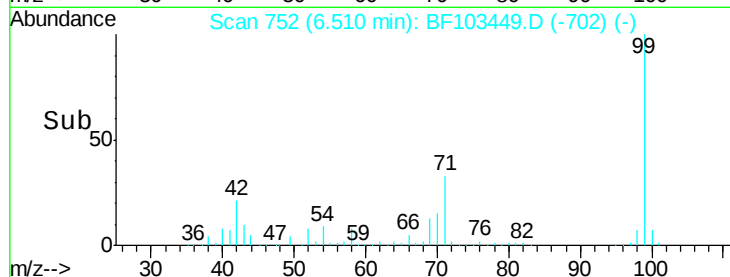
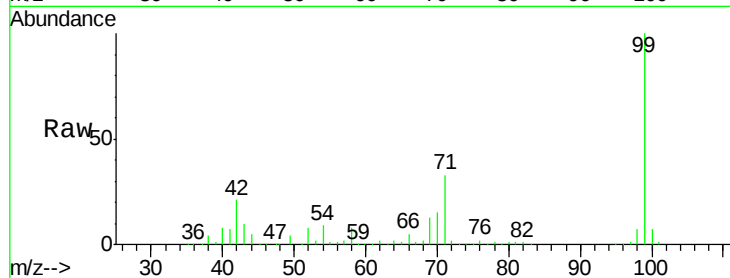
71 32.7 25.4 38.0

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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: BF103449.D

Acq: 6 Mar 2018 12:17

Tgt Ion: 136 Resp: 495747

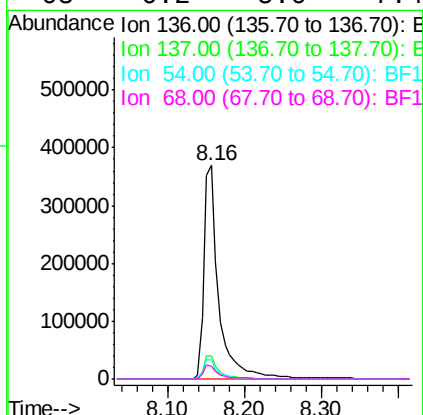
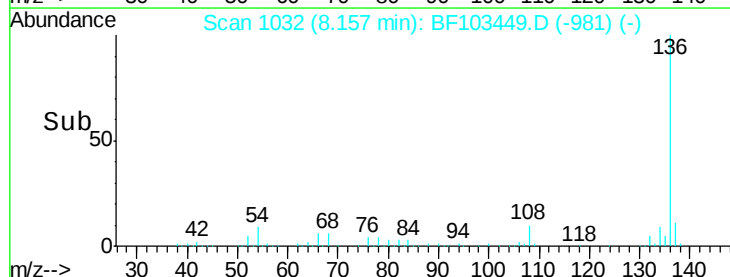
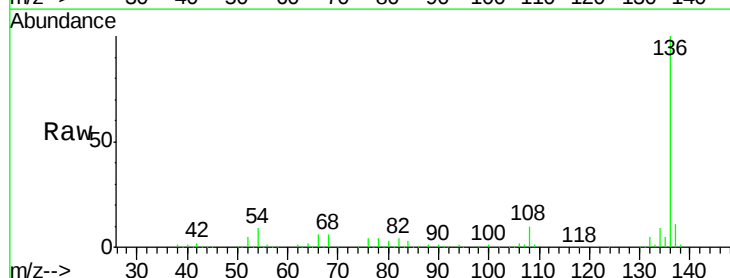
Ion Ratio Lower Upper

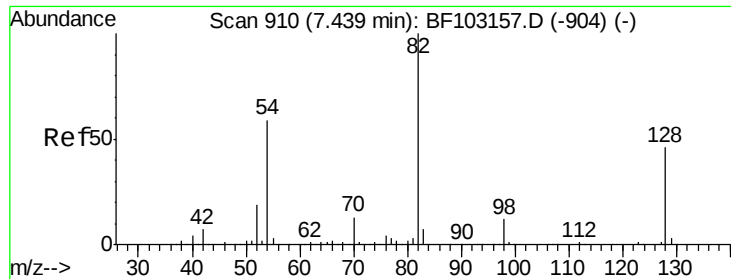
136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.2 5.0 7.4





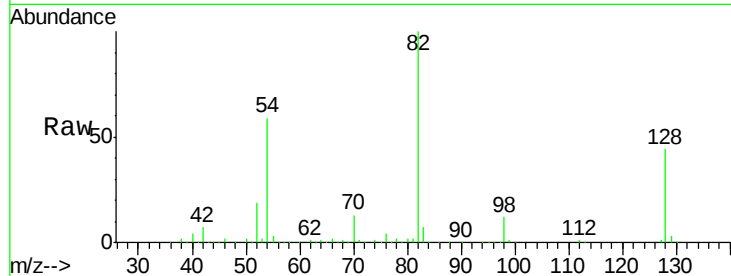
#23
 Nitrobenzene-d5
 Concen: 77.314 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Instrument :
 BNA_F
 ClientSampled :
 SP-26

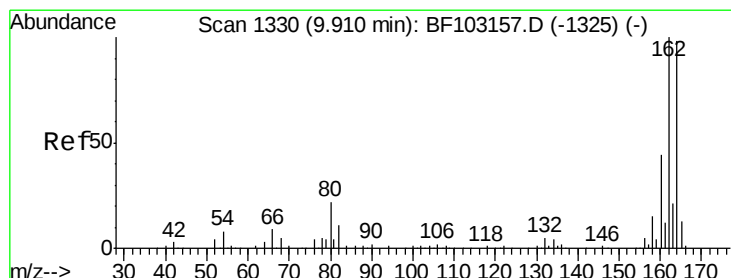
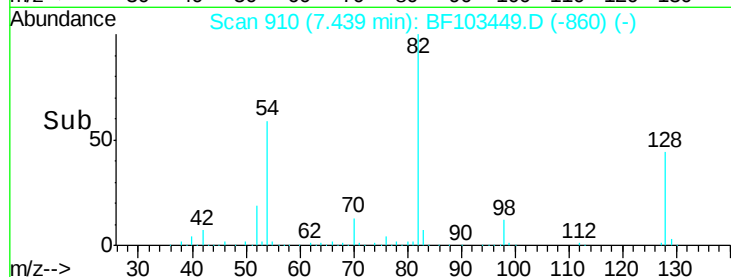
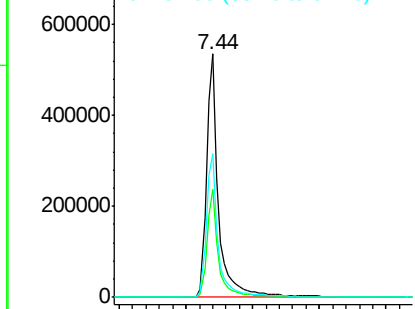
Tot Ion	82	Resp	671150
Ion Ratio	100	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	59.2	41.4	62.2

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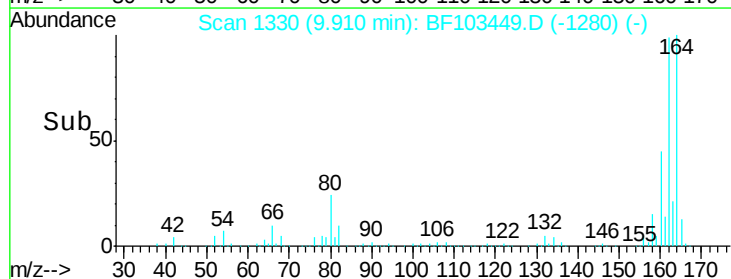
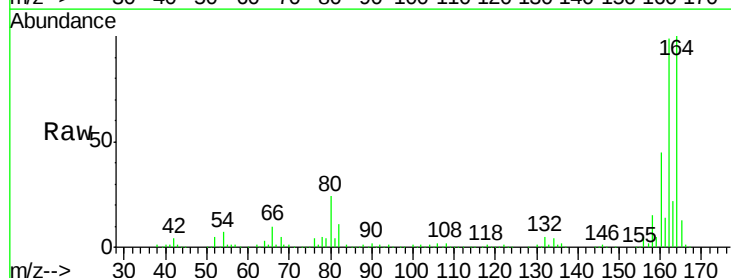
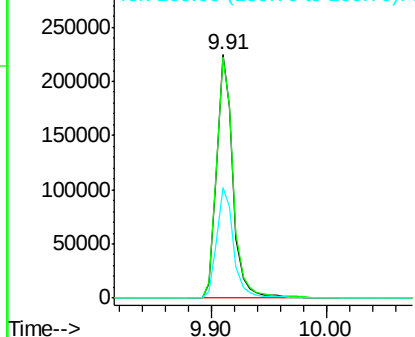
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

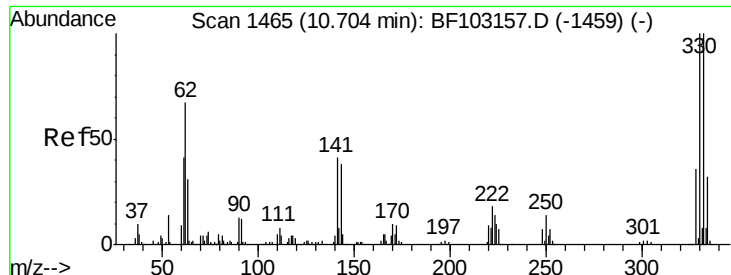


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Tgt Ion	164	Resp	218473
Ion Ratio	100	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	45.2	38.3	57.5

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





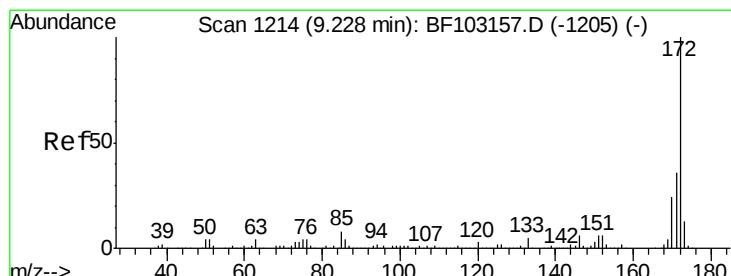
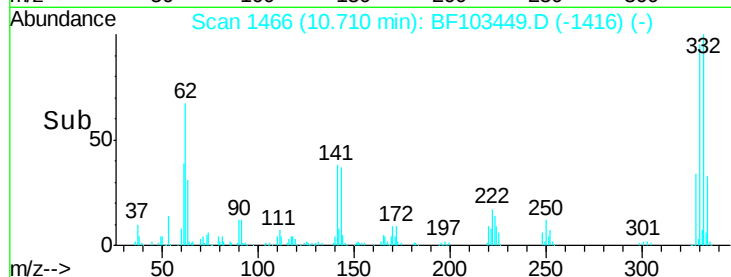
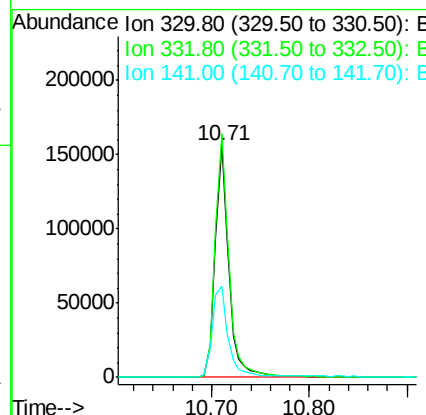
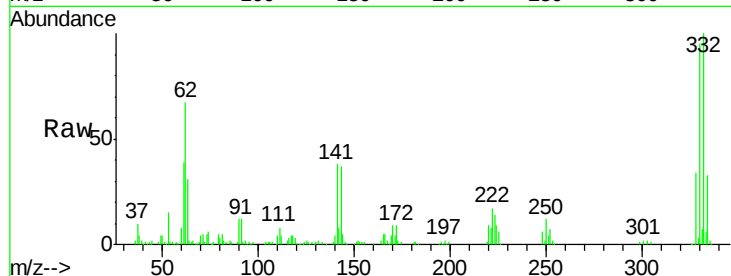
#41
 2,4,6-Tribromophenol
 Concen: 83.599 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Instrument :
 BNA_F
 ClientSampled :
 SP-26

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	106.2	77.0	115.6	
141	46.4	29.9	44.9	

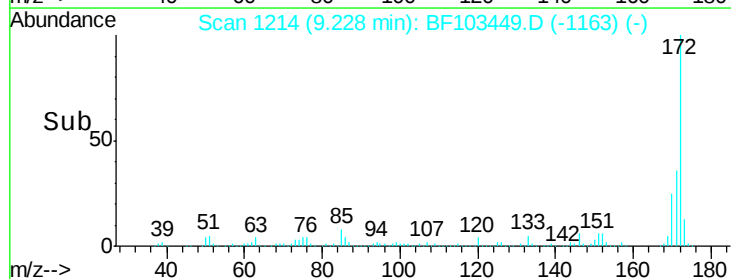
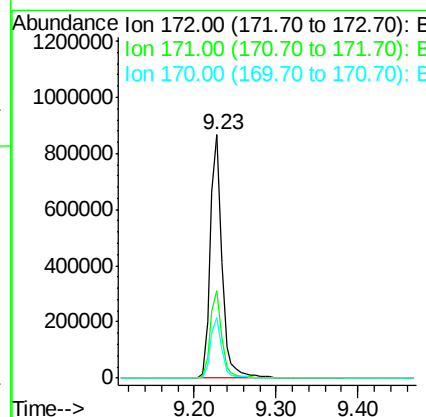
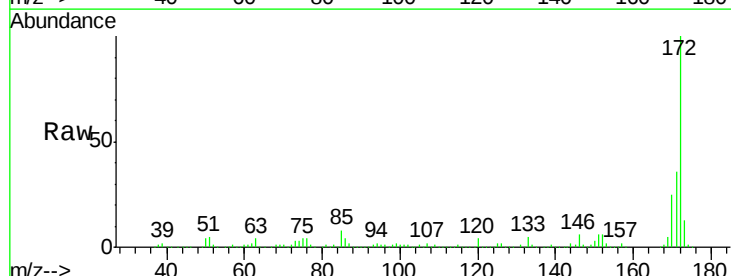
Manual Integrations
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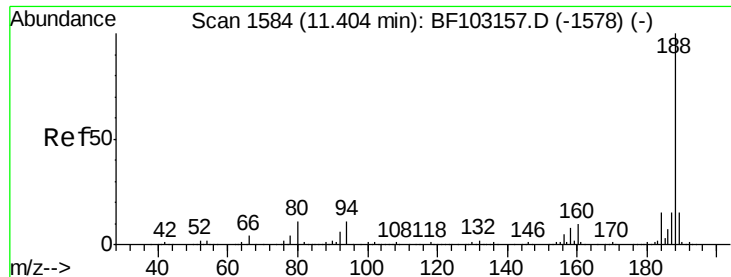
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#44
 2-Fluorobiphenyl
 Concen: 64.406 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.8	19.6	29.4	





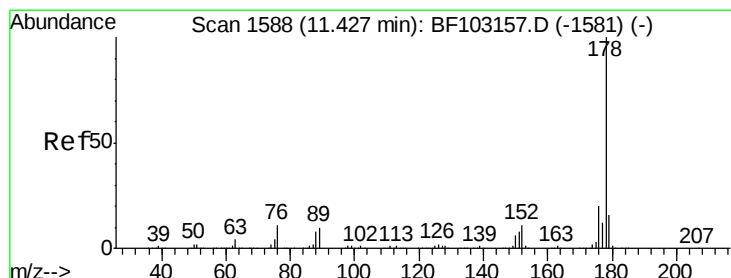
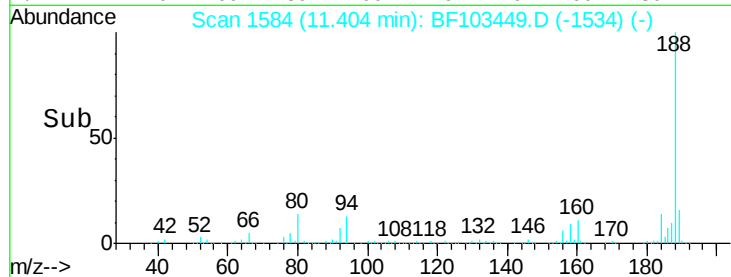
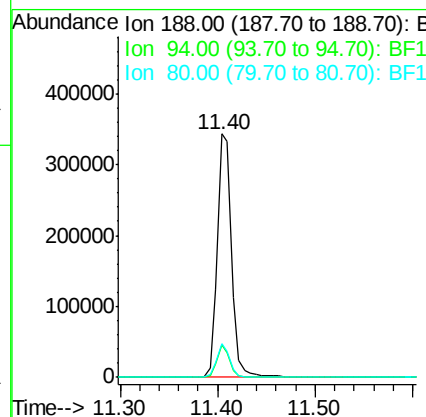
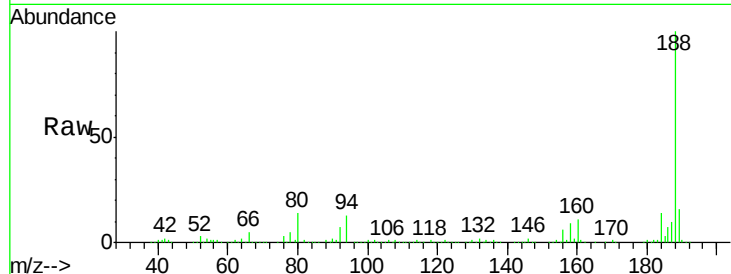
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Tot Ion	Ratio	Resp	Lower	Upper
188	100	348035		
94	13.1		8.5	12.7#
80	13.7		9.2	13.8

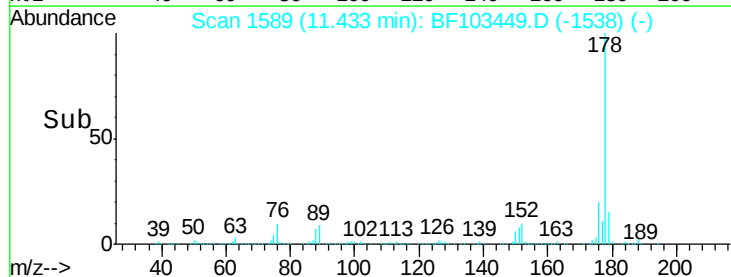
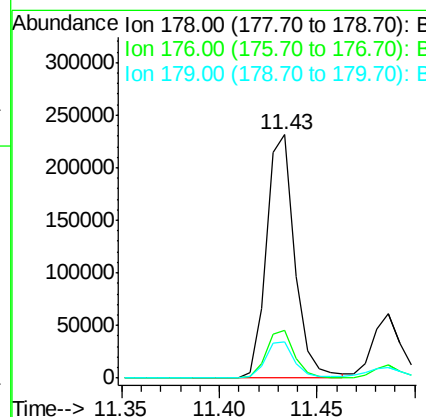
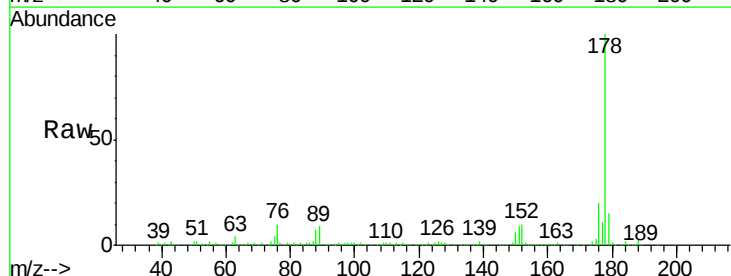
Manual Integrations
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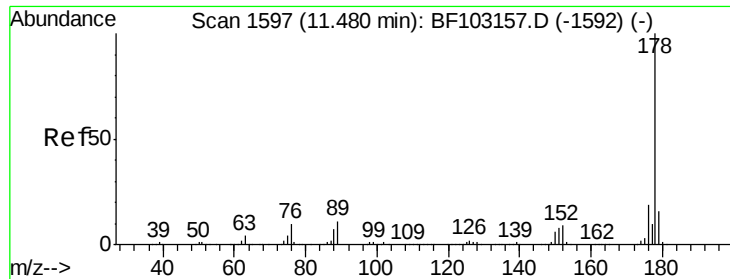
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#70
 Phenanthrene
 Concen: 12.145 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	232620		
176	19.6		15.8	23.8
179	14.8		13.0	19.6





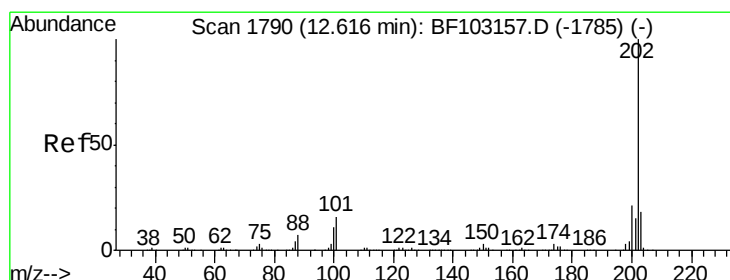
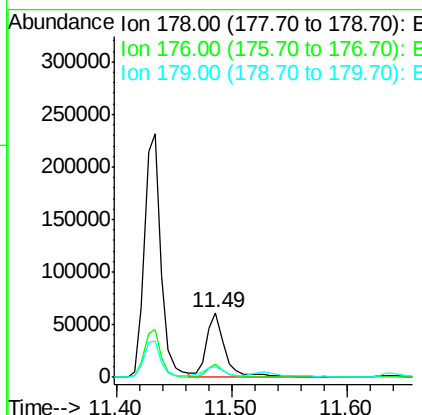
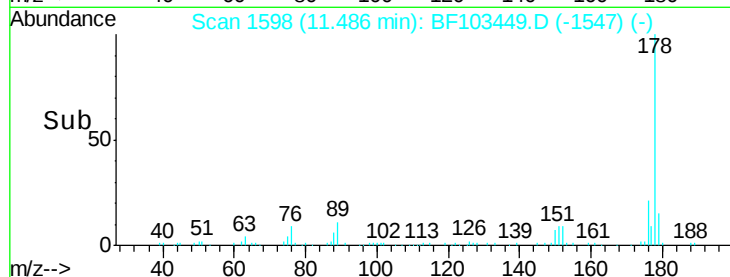
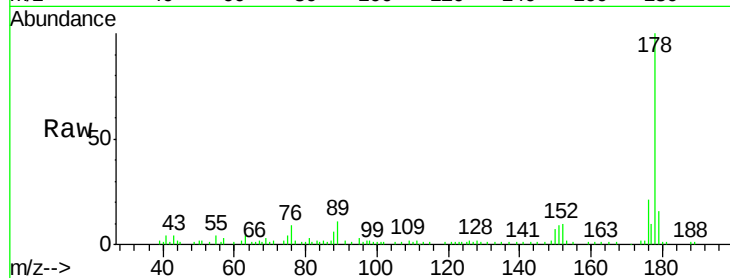
#71
 Anthracene
 Concen: 3.486 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	15.7	12.6	19.0

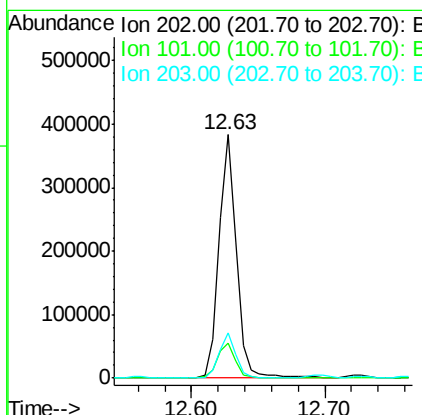
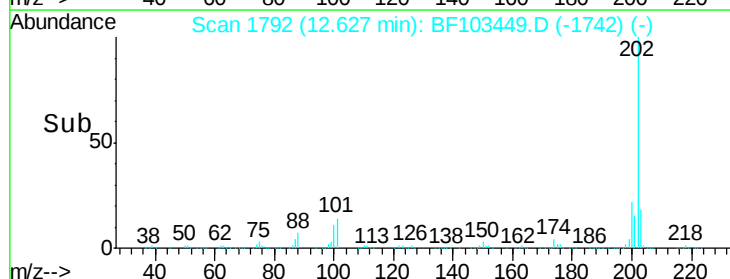
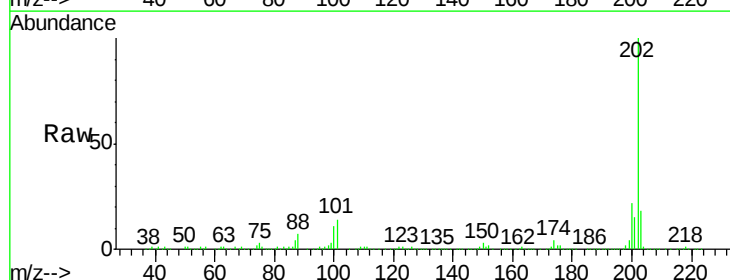
Manual Integrations
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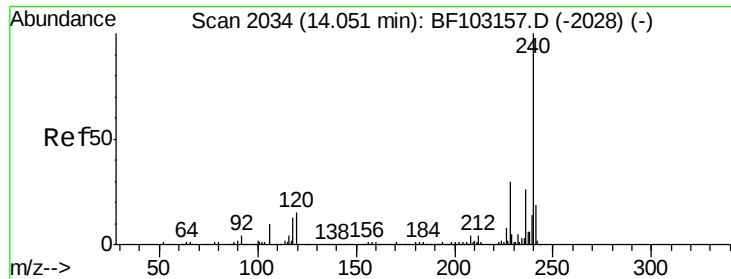
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#74
 Fluoranthene
 Concen: 18.384 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	18.3	0.0	38.1





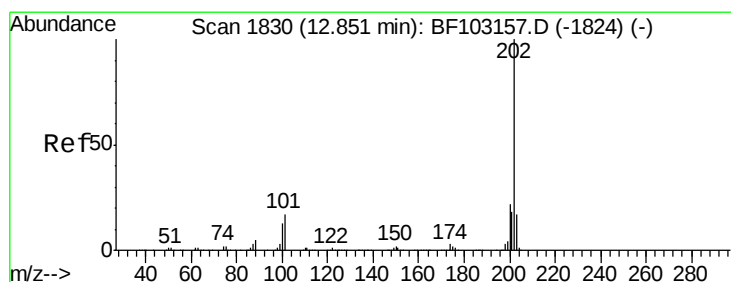
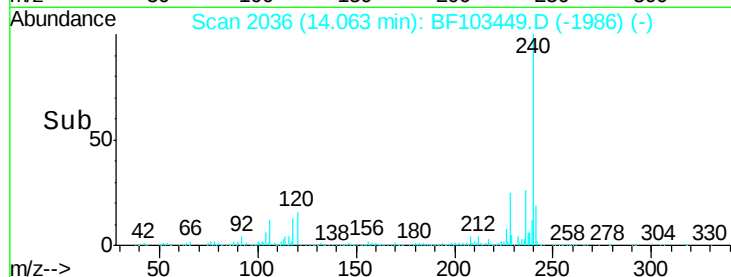
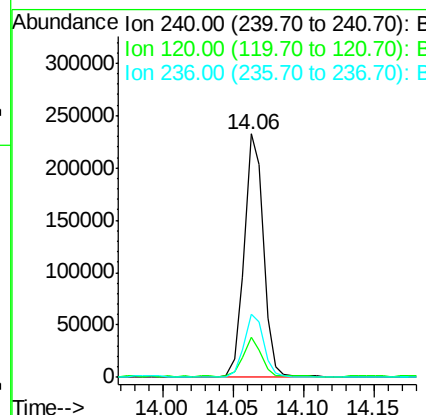
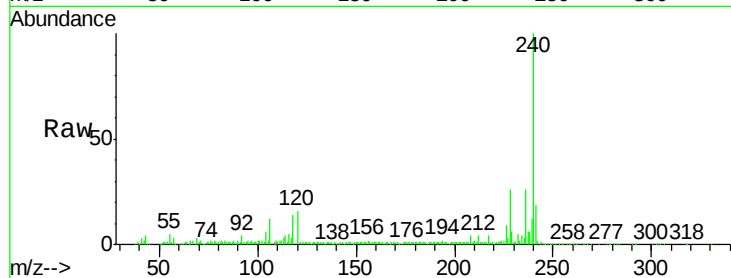
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :
SP-26

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3
236	25.8	20.7	31.1

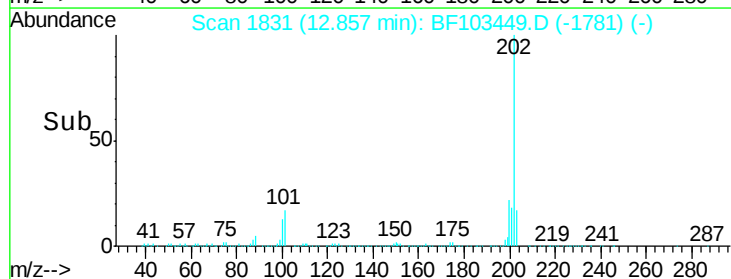
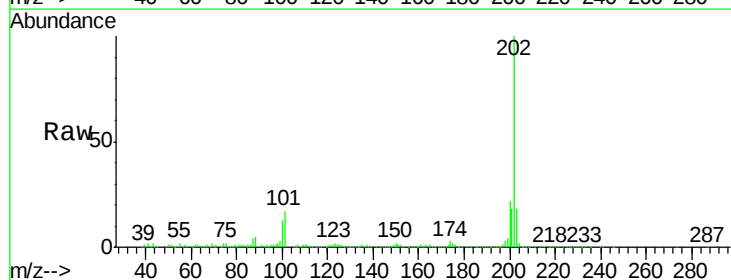
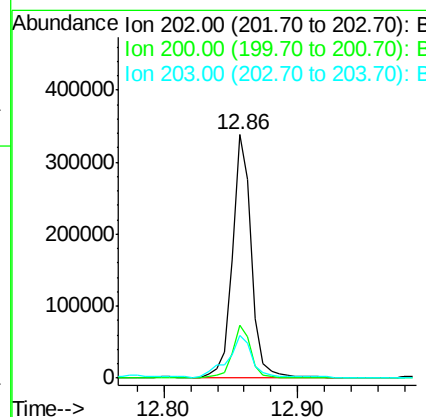
Manual Integrations
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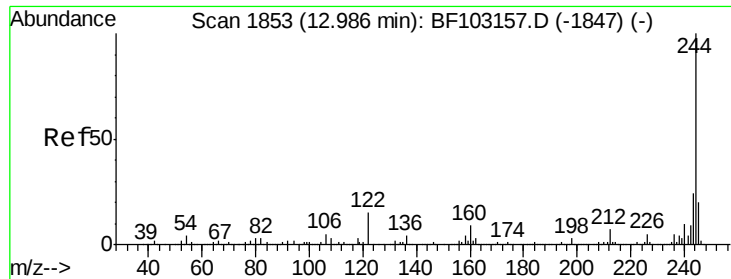
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#77
Pyrene
Concen: 19.736 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5





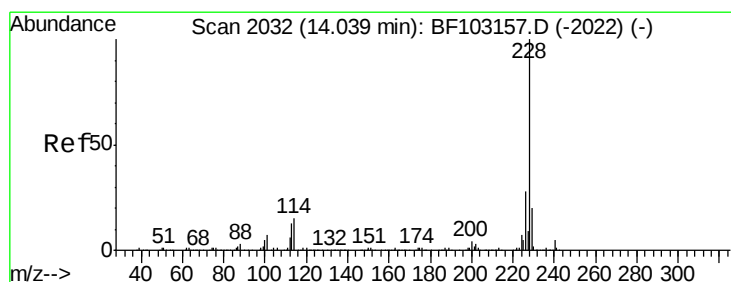
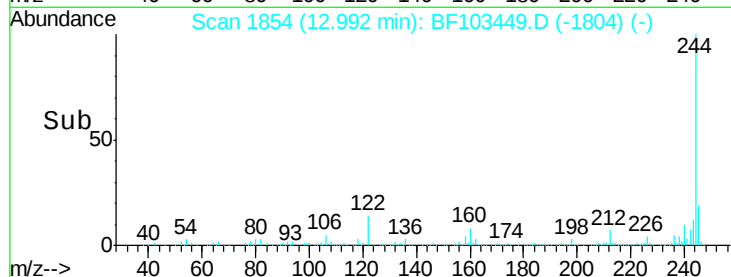
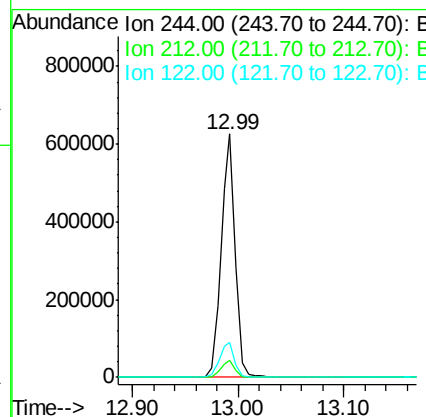
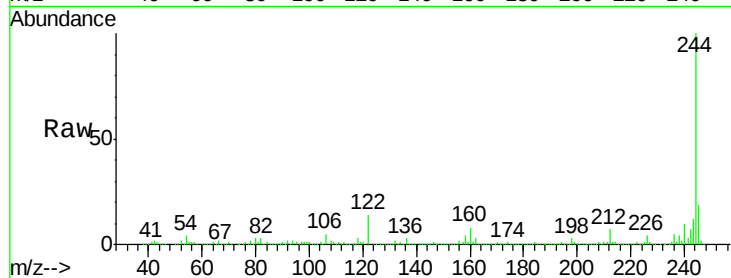
#78
 Terphenyl-d14
 Concen: 64.123 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 SP-26

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4

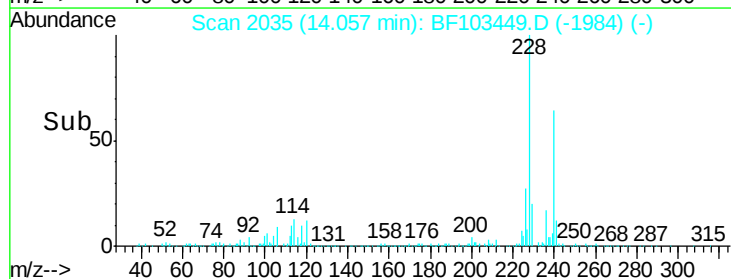
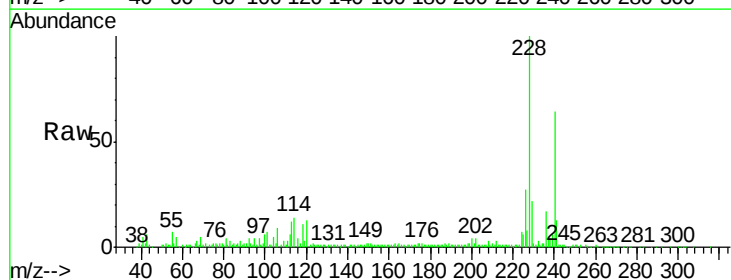
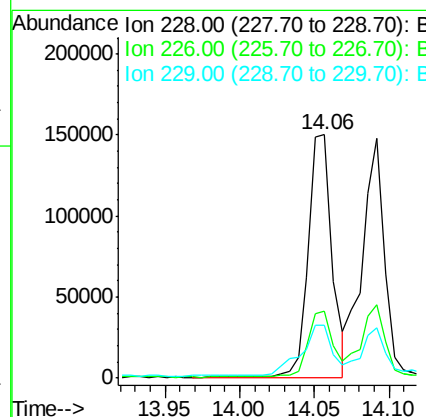
Manual Integrations
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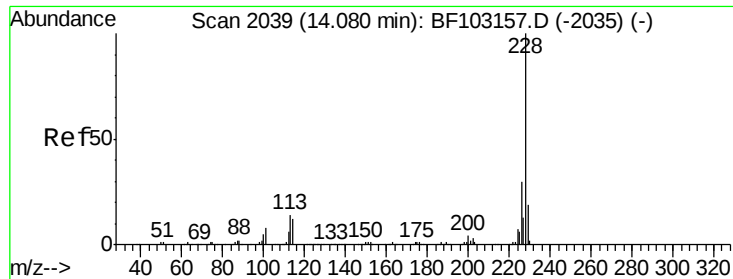
Sohil
 3/7/2018 12:14:43 PM



#80
 Benzo(a)anthracene
 Concen: 11.524 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103449.D
 Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.6	15.8	23.6





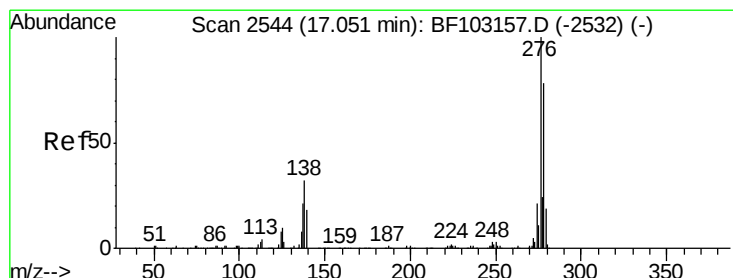
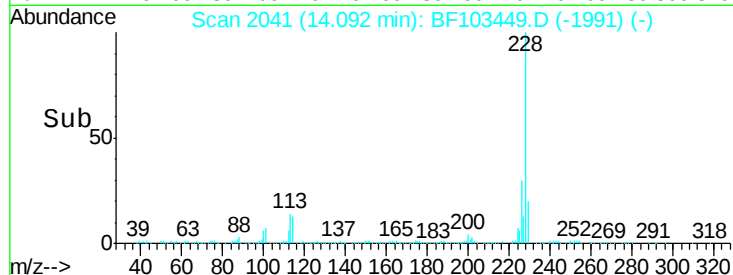
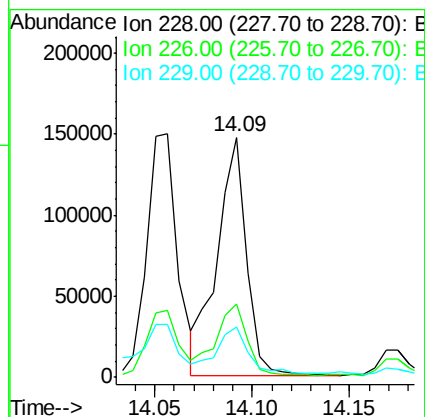
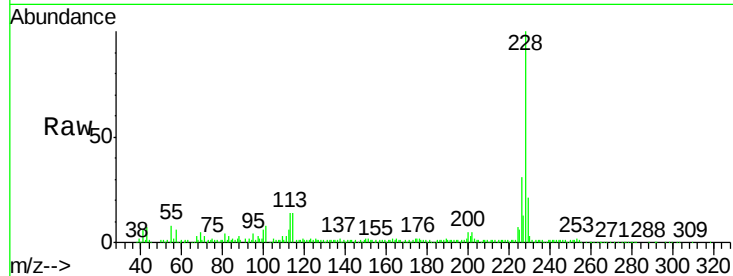
#82
Chrysene
Concen: 11.204 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion:	228	Resp:	155494
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	21.1	16.2	24.4

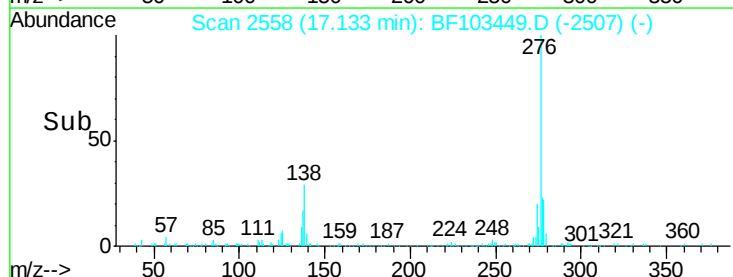
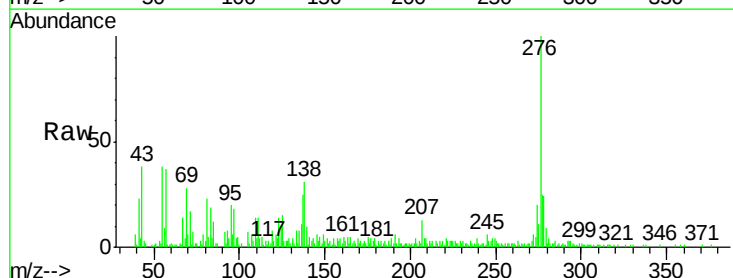
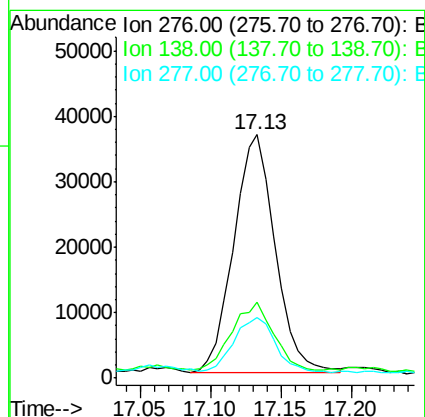
Manual Integrations
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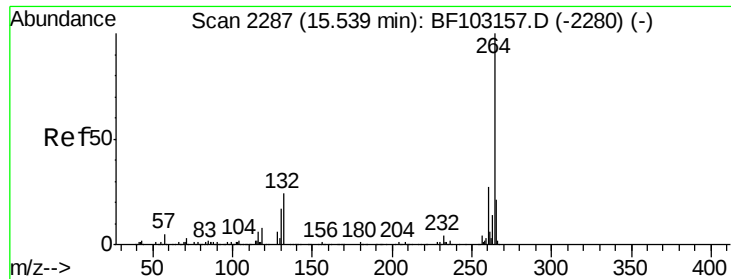
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.746 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion:	276	Resp:	74119
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.0	37.6
277	23.9	20.1	30.1





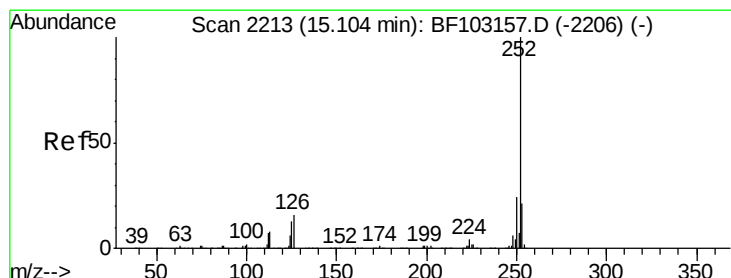
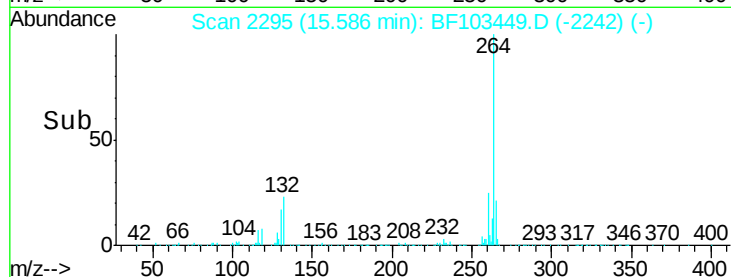
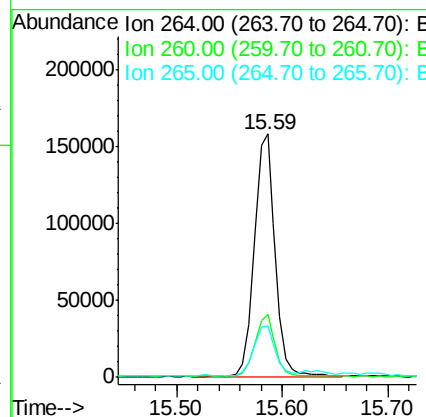
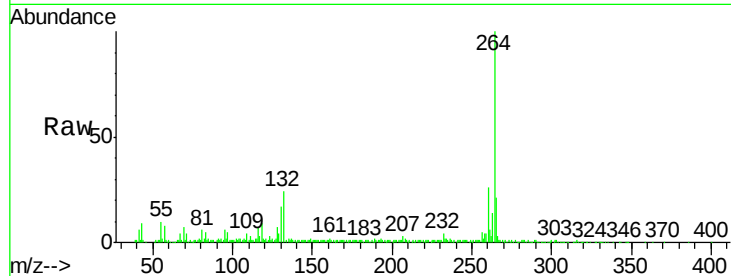
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampleId :
SP-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	21.3	17.5	26.3

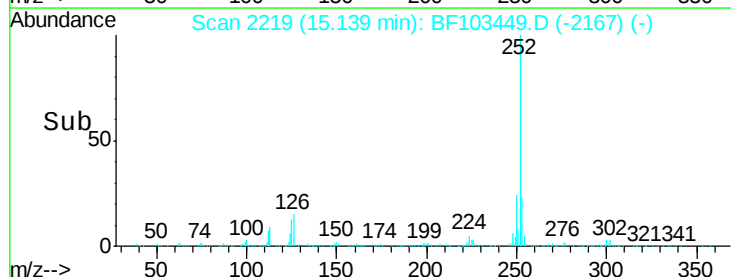
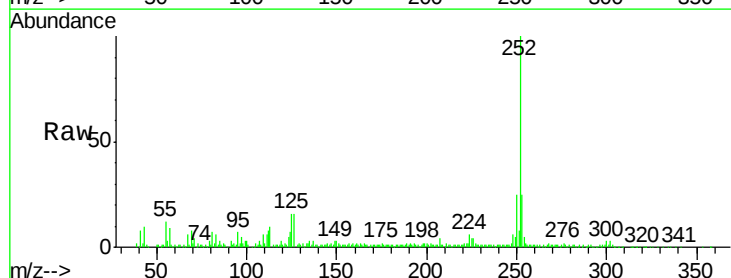
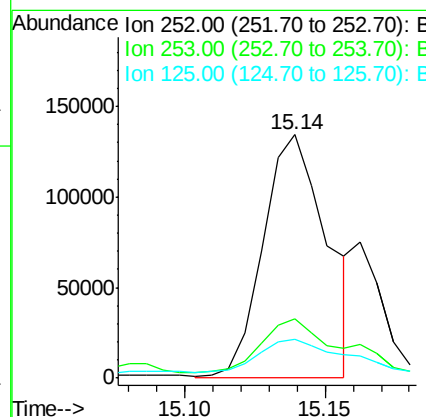
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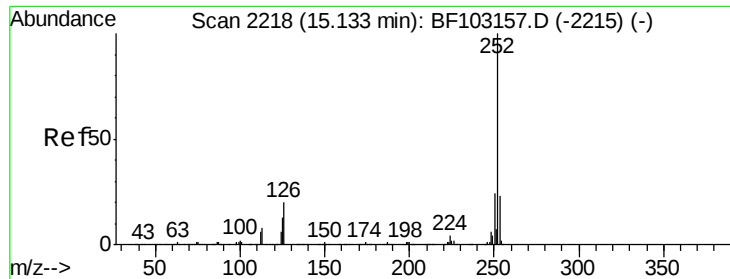
Sohil
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#87
Benzo(b)fluoranthene
Concen: 15.032 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	16.0	9.0	13.6





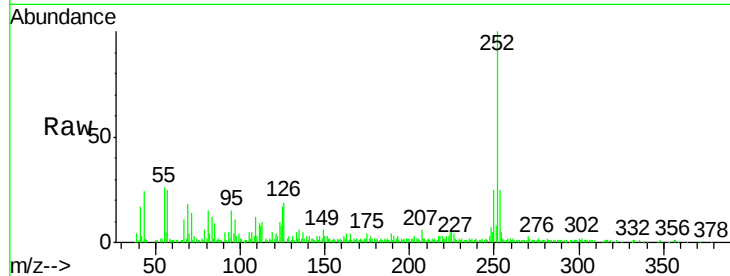
#88
Benzo(k)fluoranthene
Concen: 4.346 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	16.7	10.2	15.2

Manual Integrations
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3/7/2018 12:14:43 PM

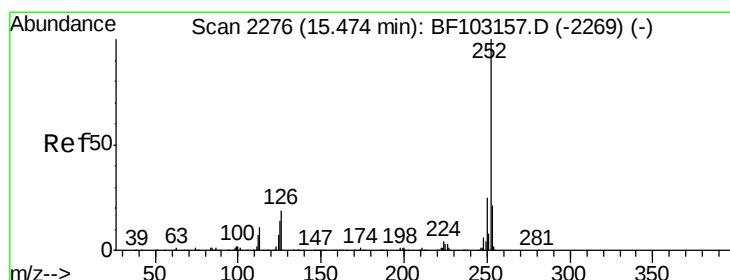
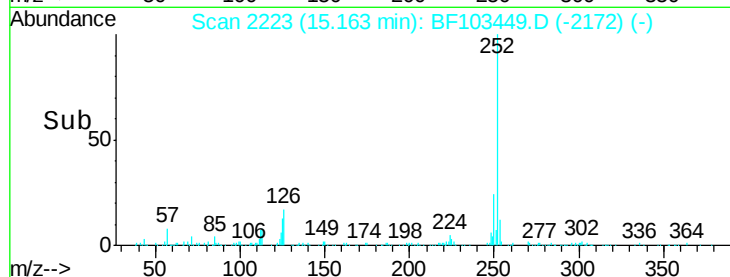
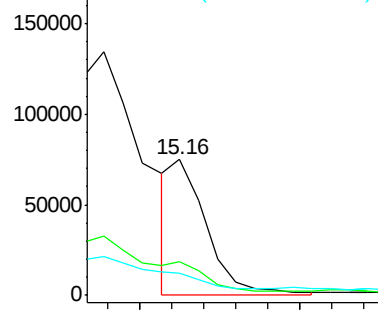


Abundance

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: 10.971 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

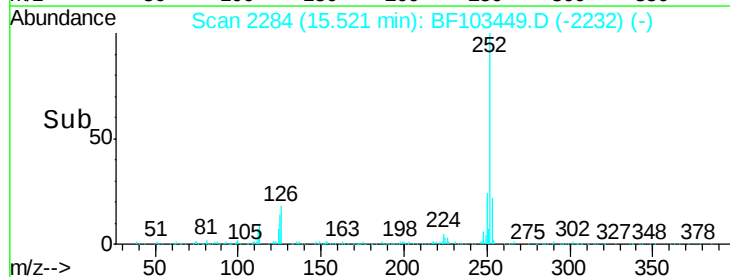
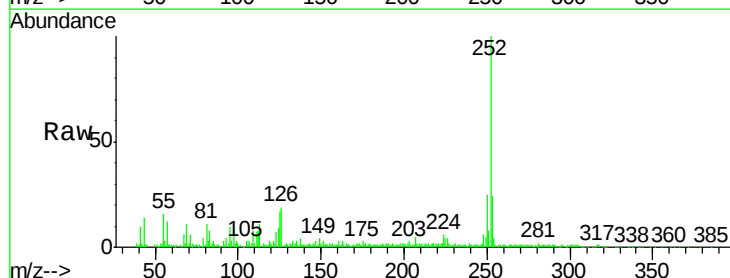
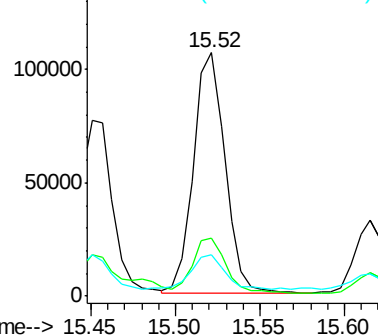
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	16.8	9.8	14.6

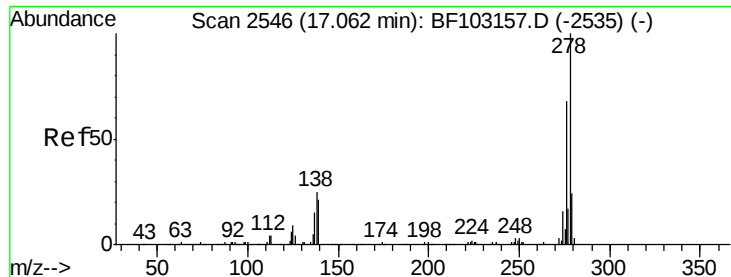
Abundance

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





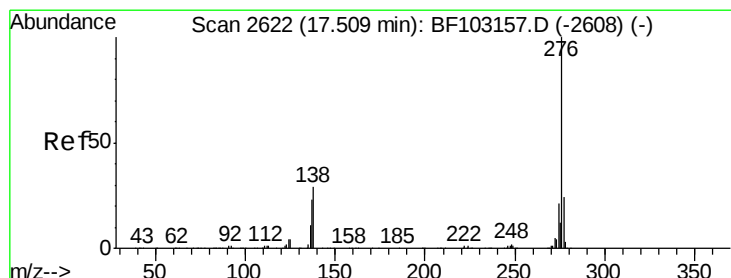
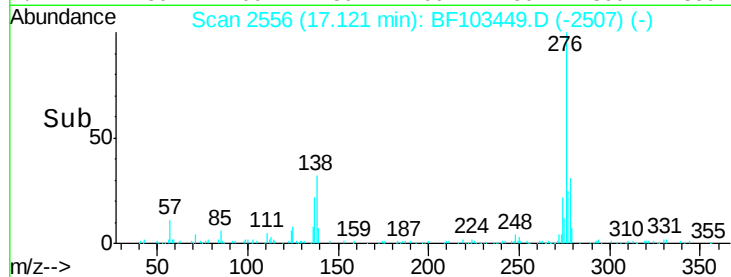
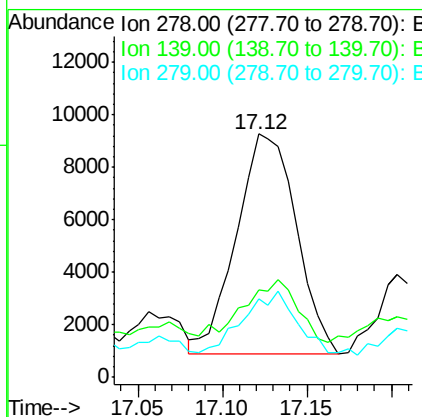
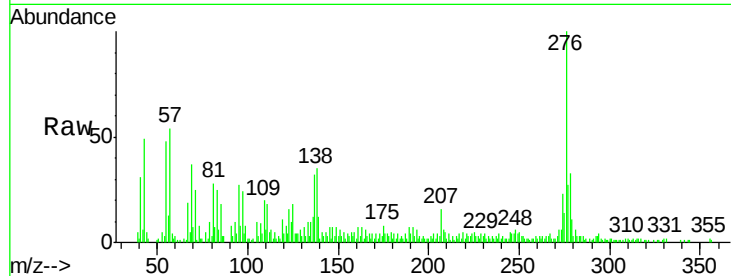
#90
Dibenzo(a,h)anthracene
Concen: 2.111 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Instrument :
BNA_F
ClientSampled :
SP-26

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.8	15.9	23.9#
279	32.2	19.0	28.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.561 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.01 min
Lab File: BF103449.D
Acq: 6 Mar 2018 12:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	32.9	21.8	32.8#

