

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103339.D
 Acq On : 1 Mar 2018 16:23
 Operator : SJ/JU
 Sample : J1720-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-36

Manual Integrations
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 3/2/2018 3:30:42 PM

Quant Time: Mar 02 09:53:02 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	133051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	503316	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	185625	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	277659	20.00	ng	0.00
75) Chrysene-d12	14.06	240	183020	20.00	ng	0.00
86) Perylene-d12	15.57	264	130156	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	937370	106.55	ng	0.01
7) Phenol-d6	6.52	99	1092665	101.50	ng	0.00
23) Nitrobenzene-d5	7.44	82	680403	77.20	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	141959	90.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	881778	80.88	ng	0.00
78) Terphenyl-d14	12.99	244	621315	81.61	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	98173	6.593	ng	Qvalue # 99
70) Phenanthrene	11.43	178	210238	13.759	ng	98
71) Anthracene	11.49	178	71046	4.534	ng	100
74) Fluoranthene	12.63	202	401442	26.144	ng	99
77) Pyrene	12.86	202	385648	27.026	ng	99
80) Benzo(a)anthracene	14.05	228	183335	15.439	ng	97
82) Chrysene	14.09	228	166443	14.435	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	61601	6.748	ng	93
87) Benzo(b)fluoranthene	15.13	252	153886m	17.982	ng	
88) Benzo(k)fluoranthene	15.16	252	55702m	6.912	ng	
89) Benzo(a)pyrene	15.51	252	104642	13.693	ng	# 88
91) Benzo(a,h,i)perylene	17.57	276	59760	10.355	ng	# 89

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

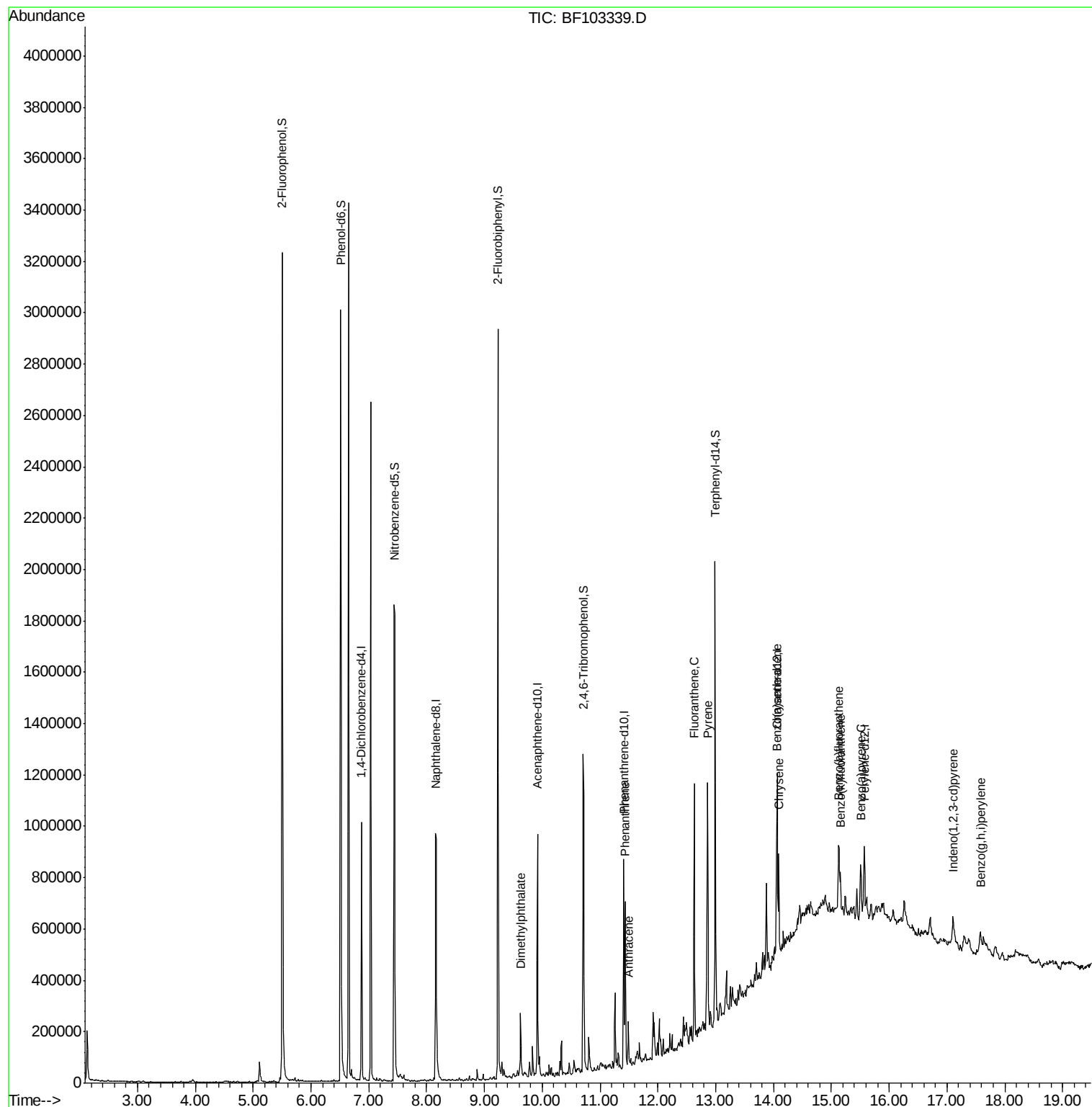
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103339.D
Acq On : 1 Mar 2018 16:23
Operator : SJ/JU
Sample : J1720-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

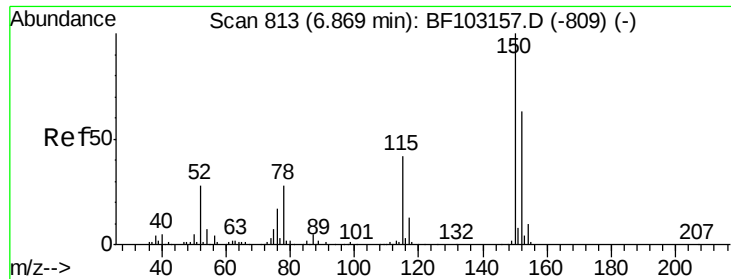
Instrument :
BNA_F
ClientSampleID :
SP-36

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Quant Time: Mar 02 09:53:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

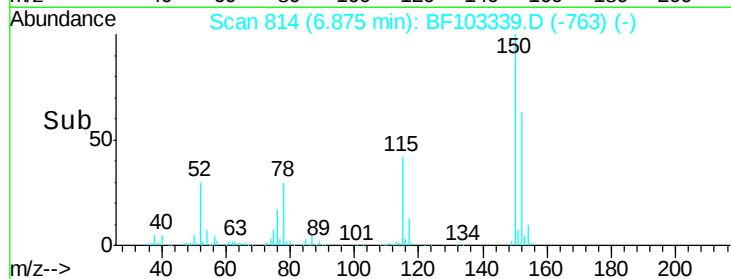
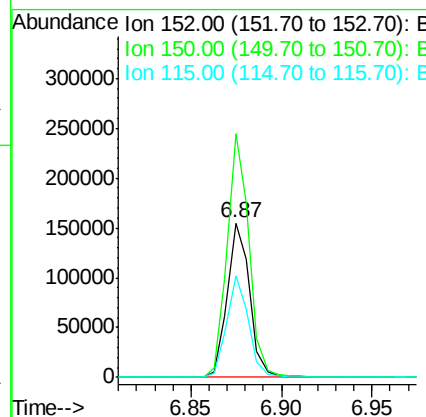
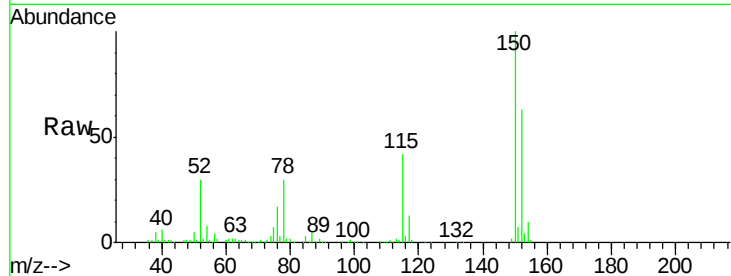
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	65.9	50.1	75.1

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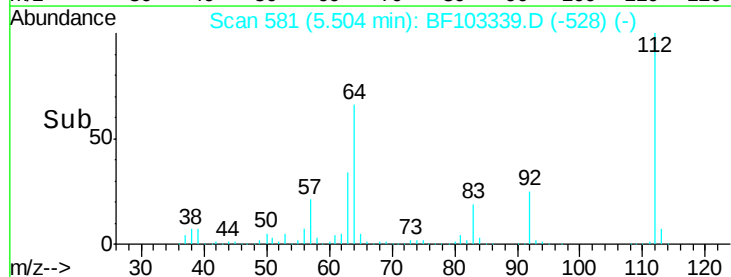
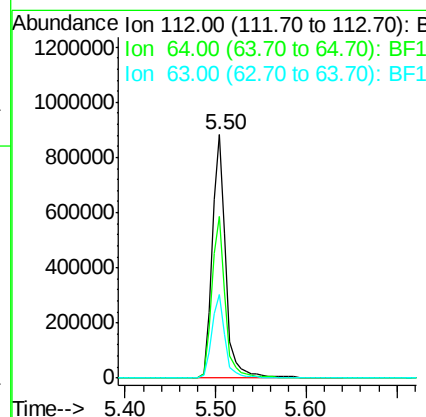
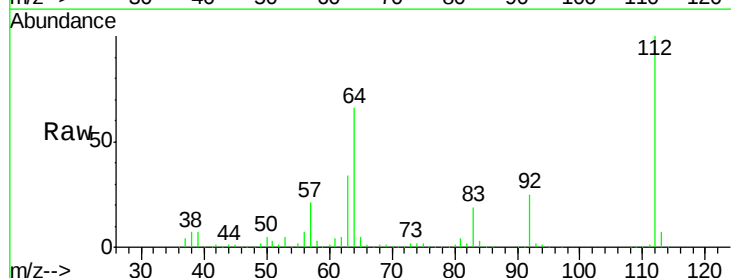
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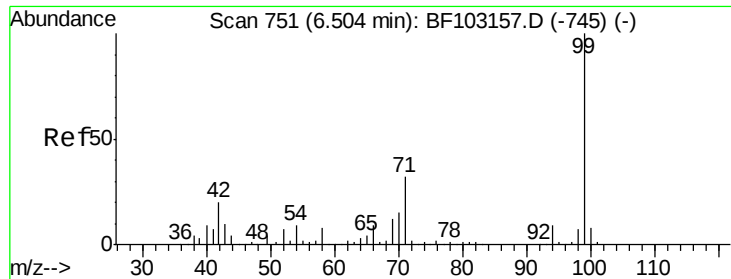


#5

2-Fluorophenol
Concen: 106.554 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.5	23.7	35.5





#7

Phenol-d6

Concen: 101.505 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Instrument :

BNA_F

ClientSampled :

SP-36

Tot Ion: 99 Resp: 1092665

Ion Ratio Lower Upper

99 100

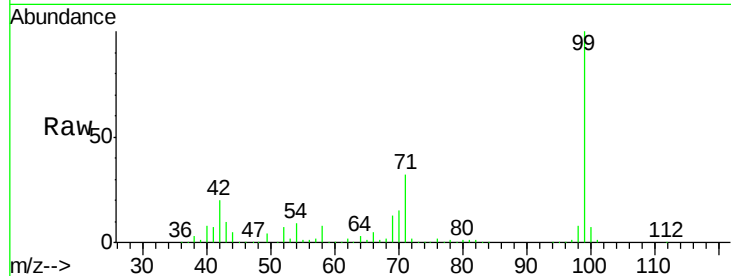
42 20.4 14.5 21.7

71 32.4 25.4 38.0

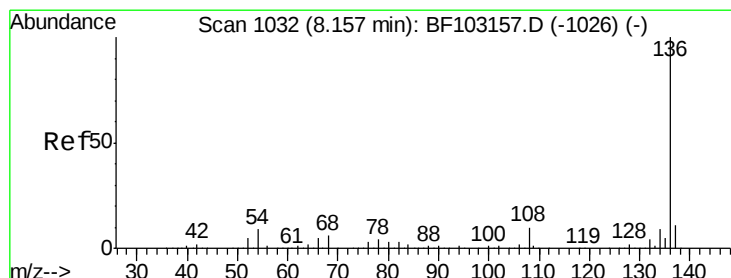
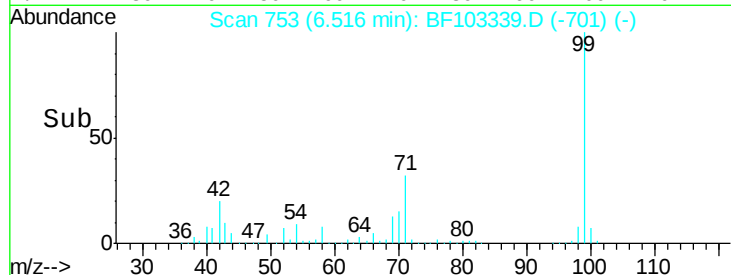
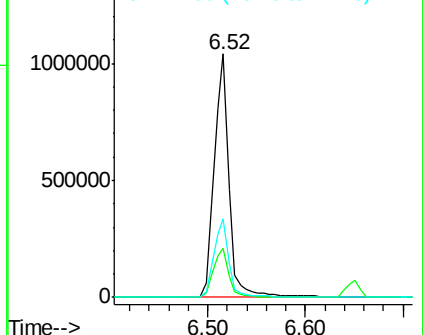
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Tgt Ion: 136 Resp: 503316

Ion Ratio Lower Upper

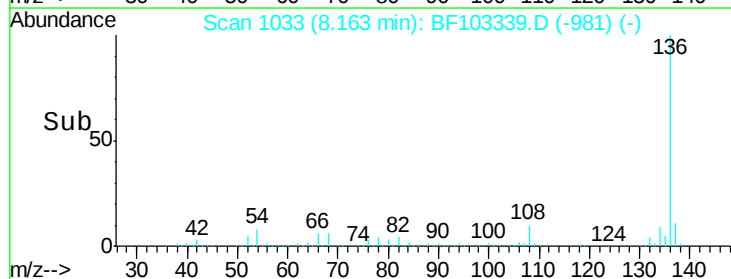
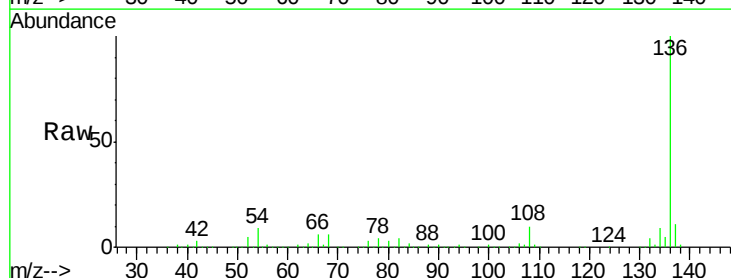
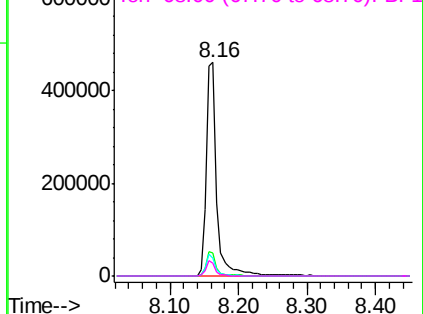
136 100

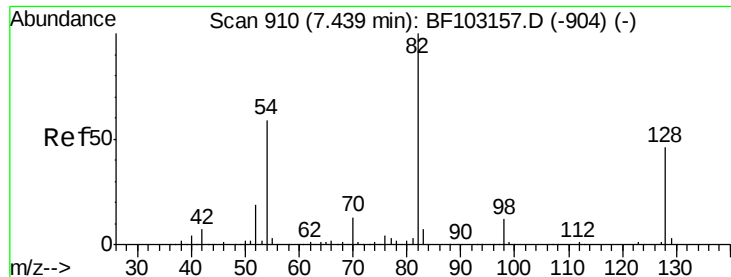
137 10.5 8.9 13.3

54 8.6 6.6 9.8

68 6.2 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





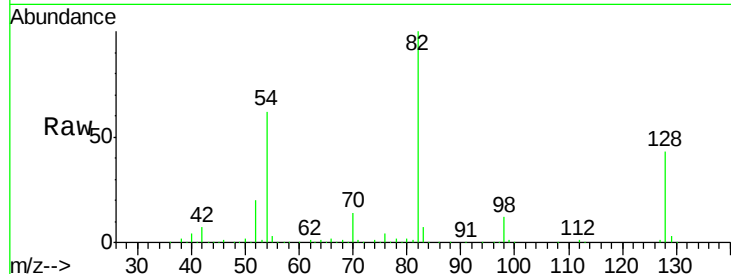
#23
Nitrobenzene-d5
Concen: 77.202 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

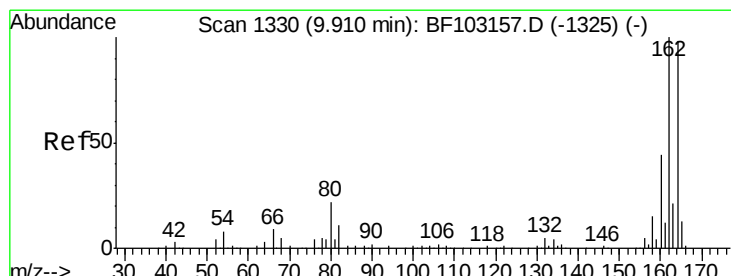
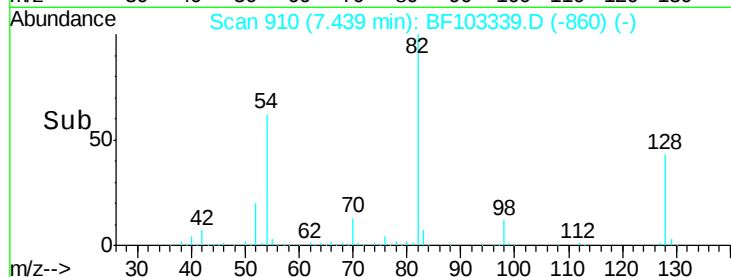
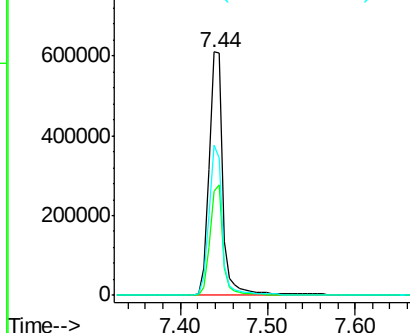
Tot Ion	82	Resp	680403
Ion Ratio	100	Lower	Upper
128	42.6	36.1	54.1
54	61.8	41.4	62.2

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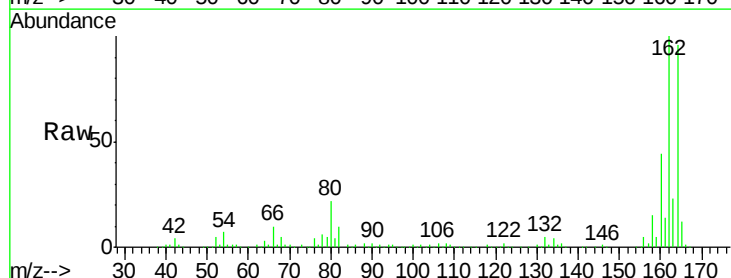


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

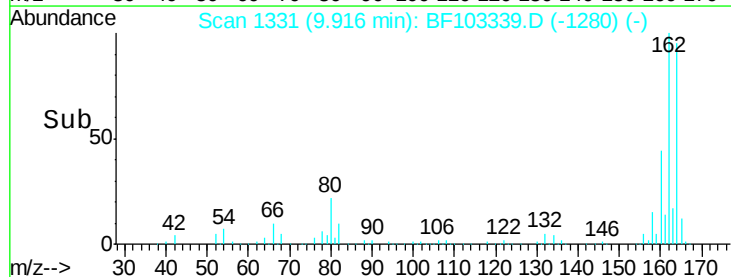
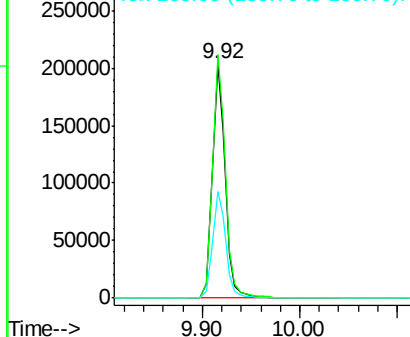


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	164	Resp	185625
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.1	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





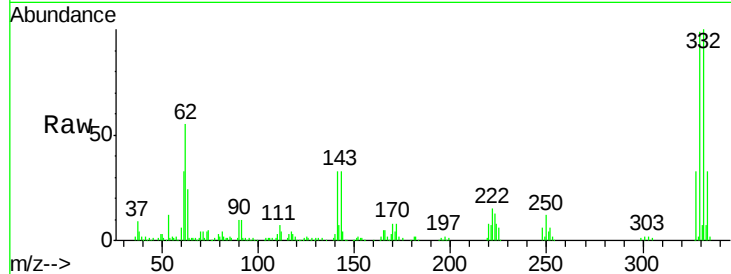
#41
 2,4,6-Tribromophenol
 Concen: 90.350 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103339.D
 Acq: 1 Mar 2018 16:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-36

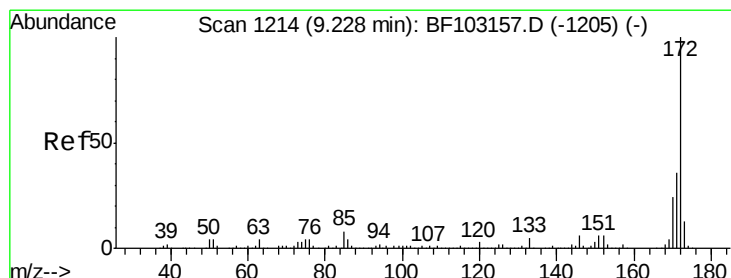
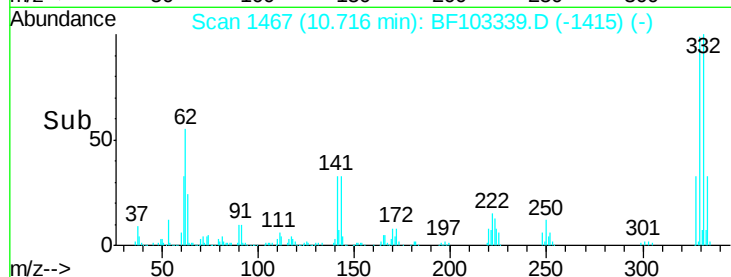
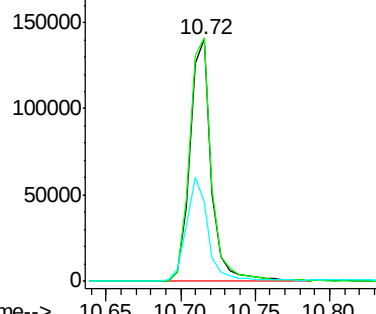
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.5	77.0	115.6	
141	44.7	29.9	44.9	

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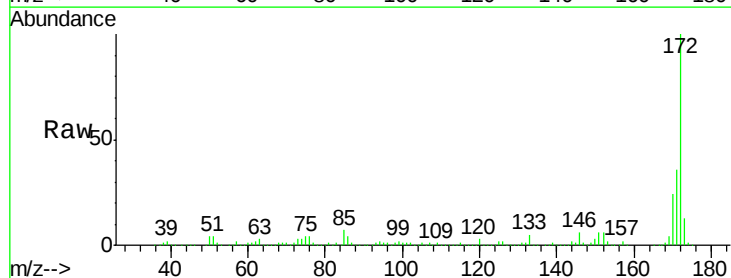


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

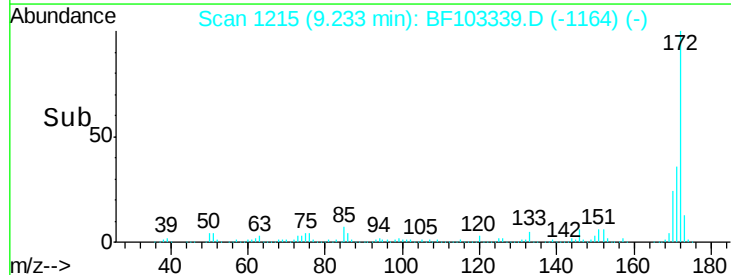
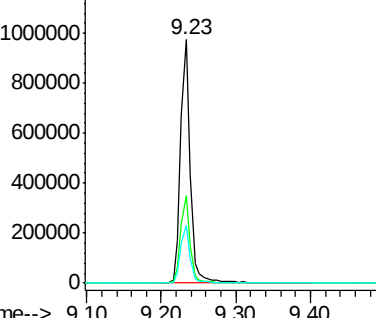


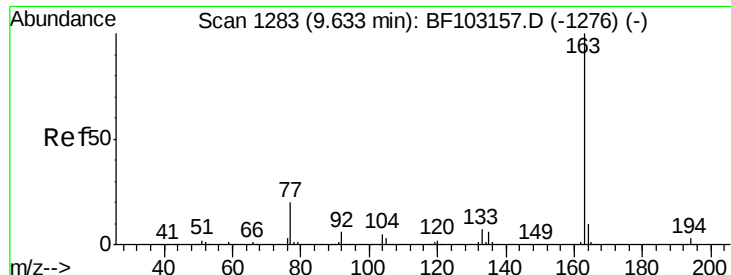
#44
 2-Fluorobiphenyl
 Concen: 80.882 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103339.D
 Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.1	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





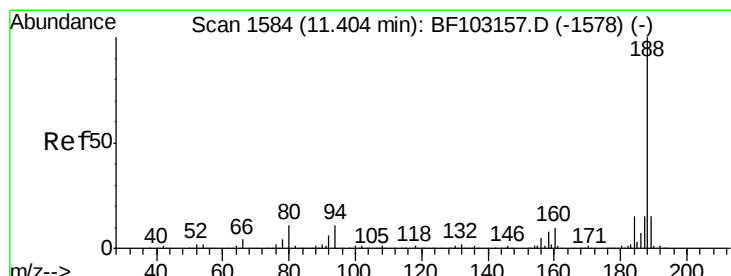
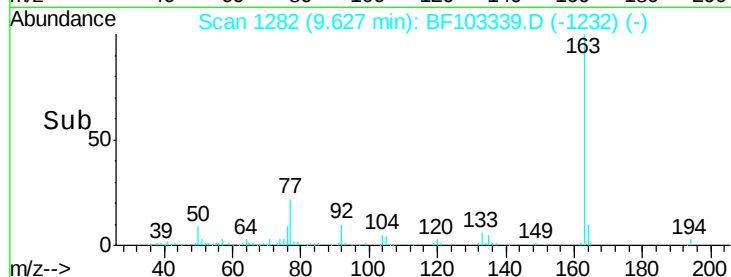
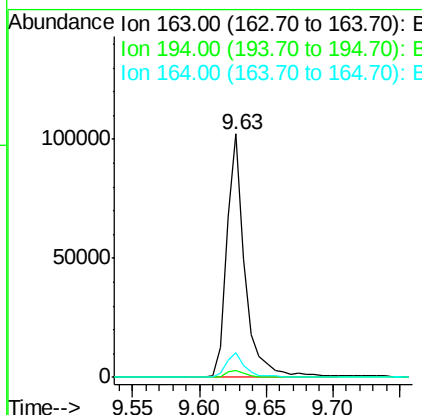
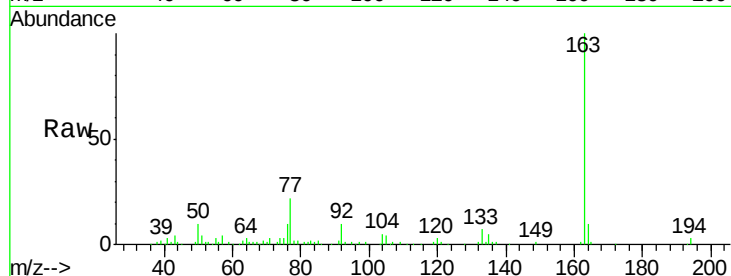
#49
Dimethylphthalate
Concen: 6.593 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1#
164	10.0	8.2	12.2

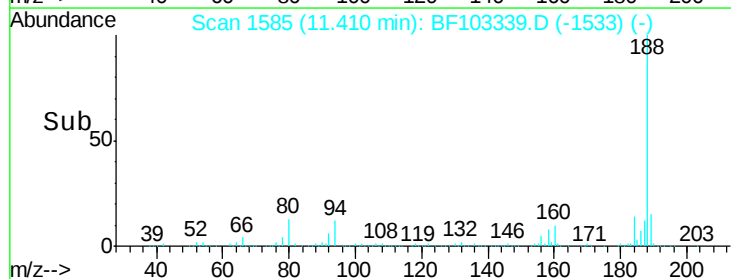
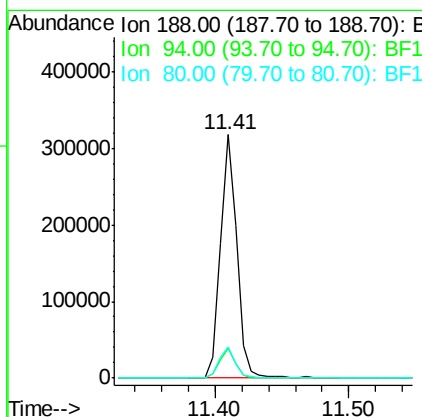
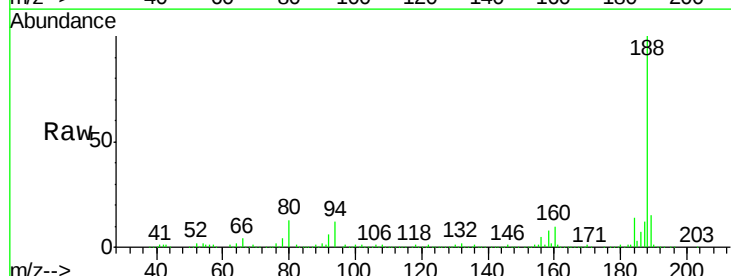
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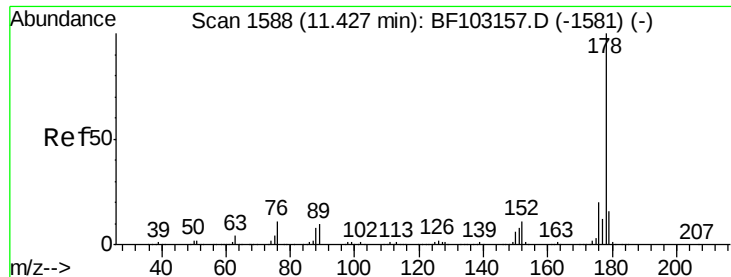
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	12.9	9.2	13.8





#70

Phenanthrene

Concen: 13.759 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Instrument :

BNA_F

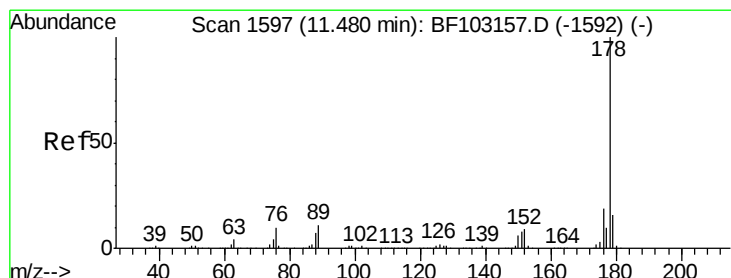
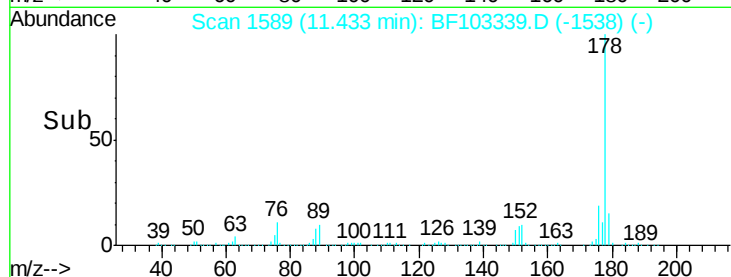
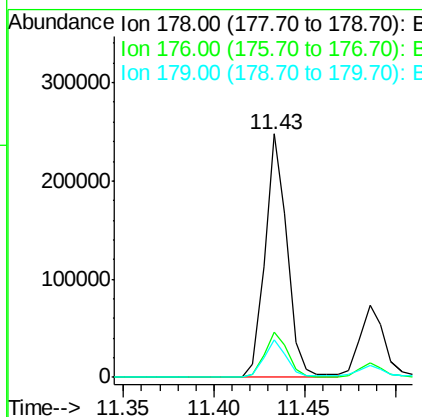
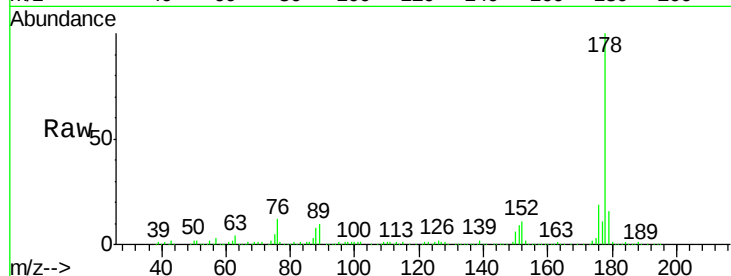
ClientSampled :

SP-36

Tot Ion:	178	Resp:	210238
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6

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#71

Anthracene

Concen: 4.534 ng

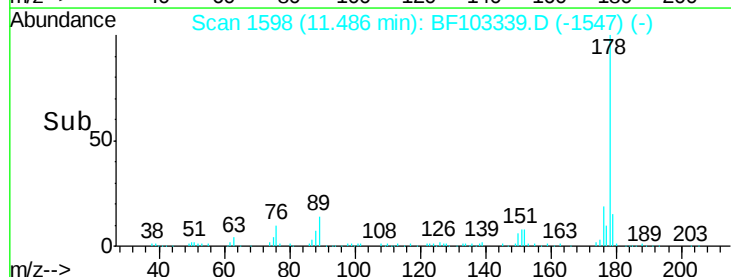
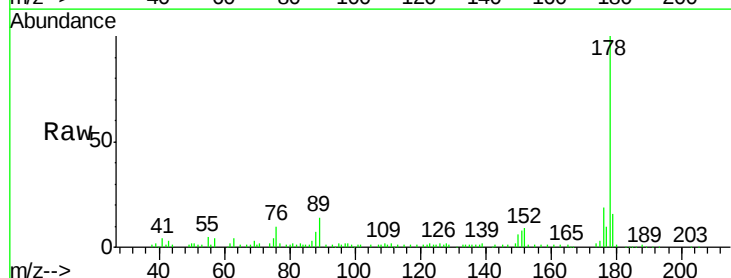
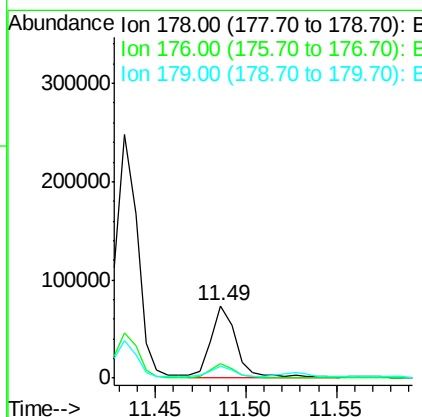
RT: 11.49 min Scan# 1598

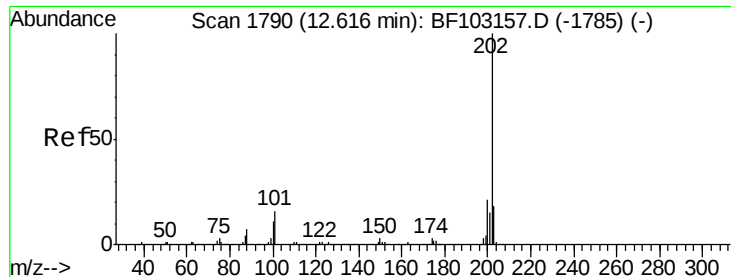
Delta R.T. -0.00 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Tgt Ion:	178	Resp:	71046
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0





#74

Fluoranthene

Concen: 26.144 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Instrument :

BNA_F

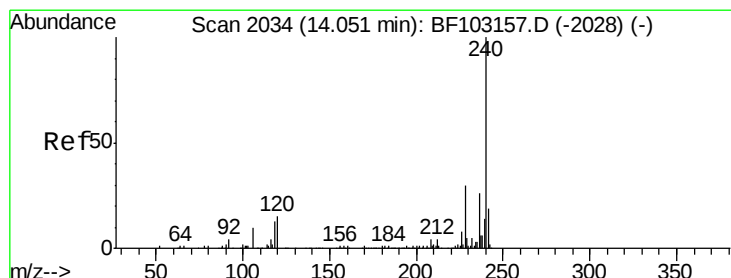
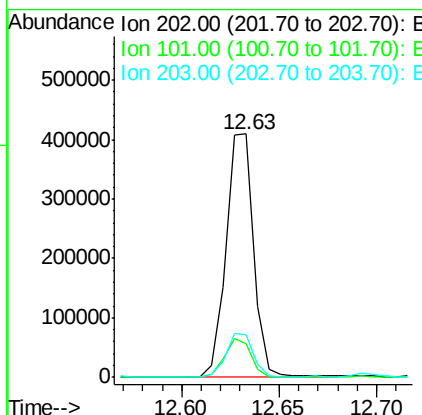
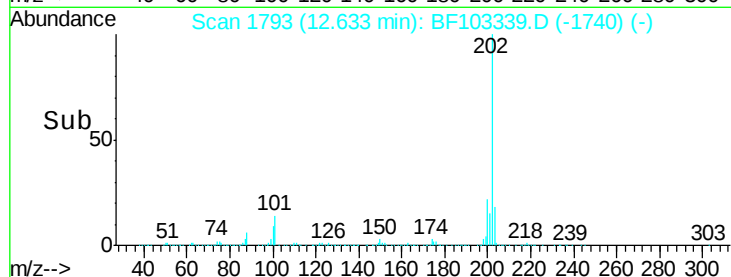
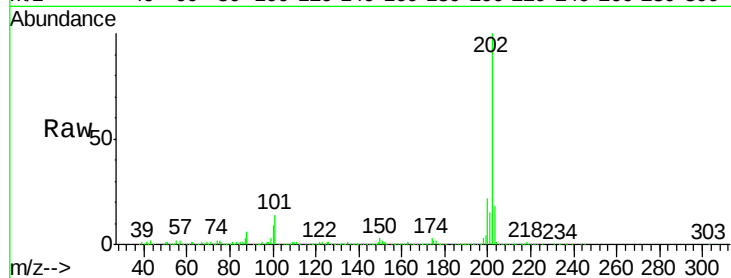
ClientSampled :

SP-36

Tot Ion:	202	Resp:	401442
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

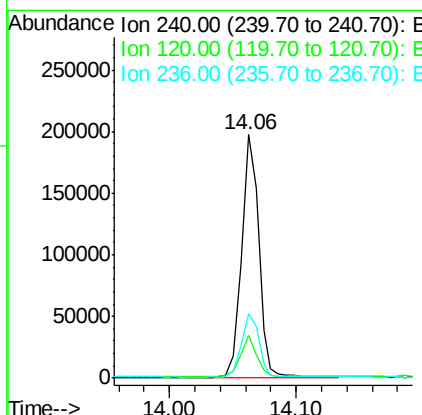
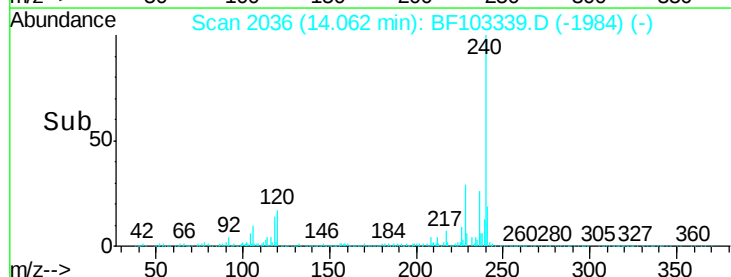
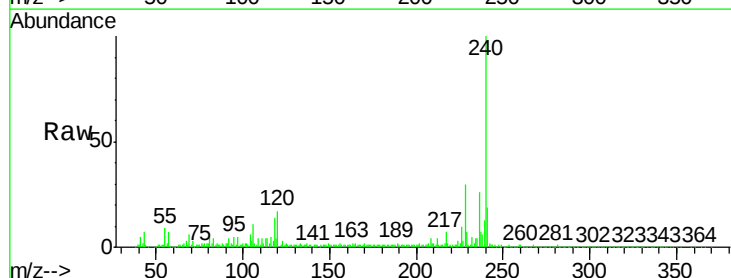
RT: 14.06 min Scan# 2036

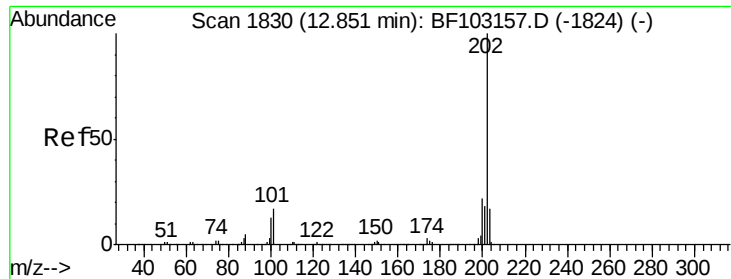
Delta R.T. 0.01 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Tgt Ion:	240	Resp:	183020
Ion Ratio	Lower	Upper	
240	100		
120	17.3	9.5	14.3#
236	26.5	20.7	31.1





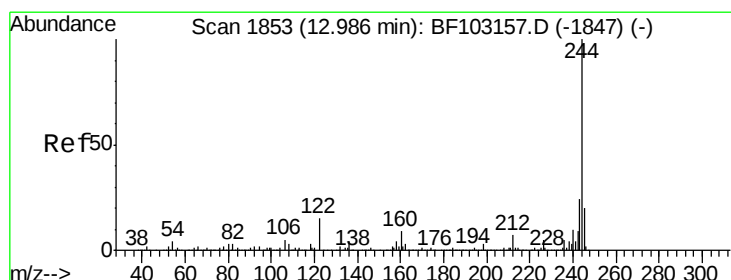
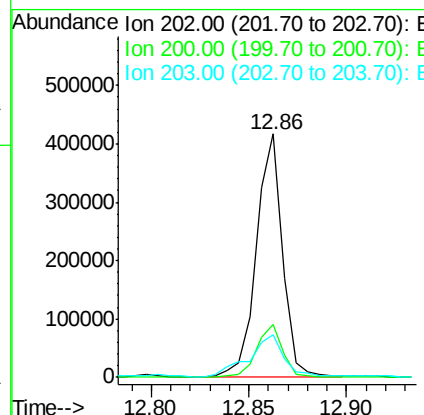
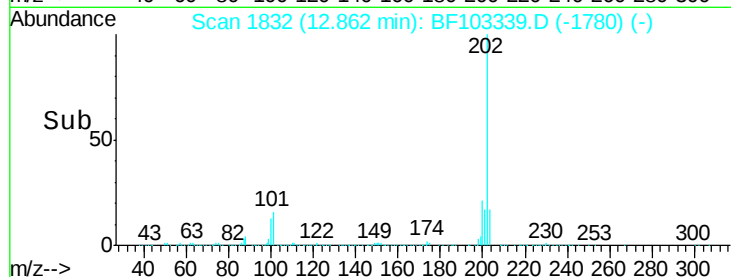
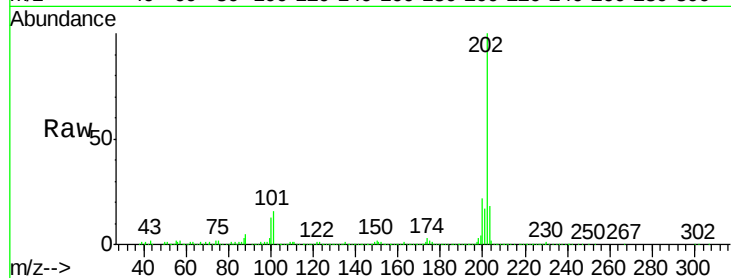
#77
Pvrene
Concen: 27.026 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

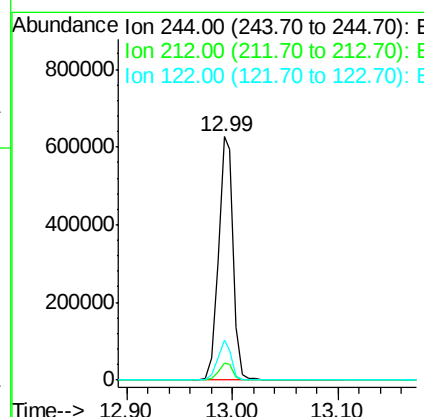
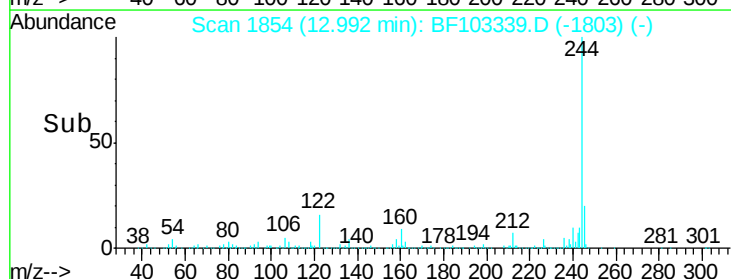
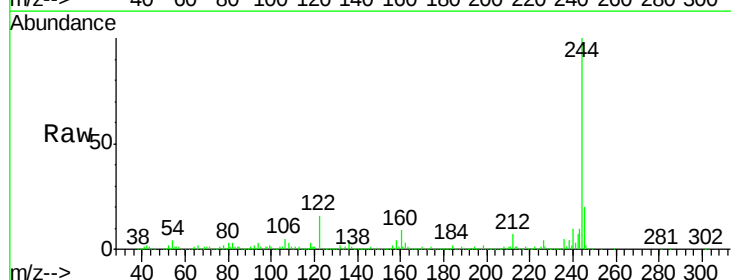
Manual Integrations
APPROVED

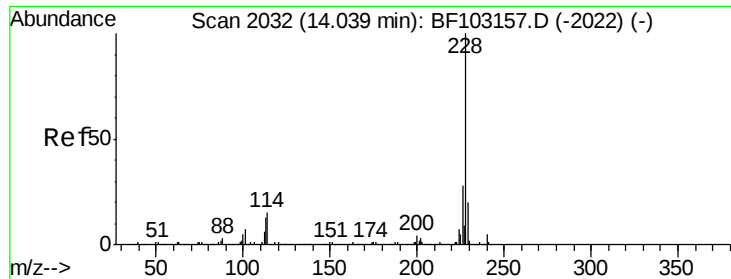
Sohil
3/2/2018 3:30:42 PM



#78
Terphenyl-d14
Concen: 81.606 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	16.3	11.0	16.4





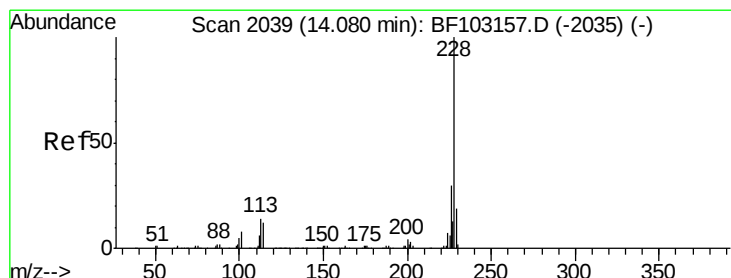
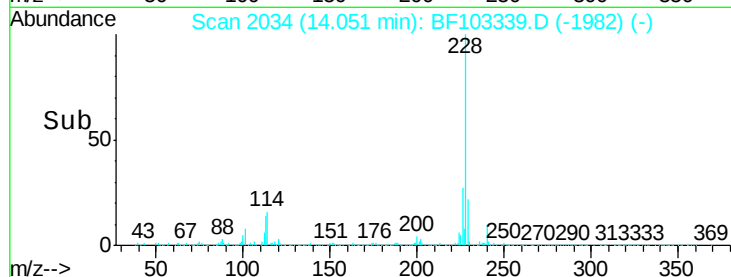
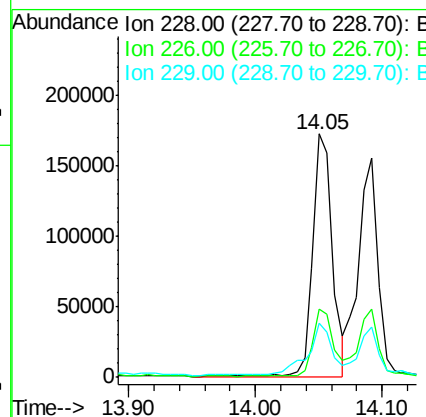
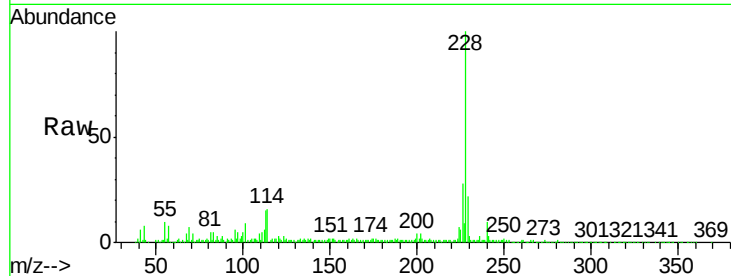
#80
Benzo(a)anthracene
Concen: 15.439 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampleId :
SP-36

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	22.2	15.8	23.6

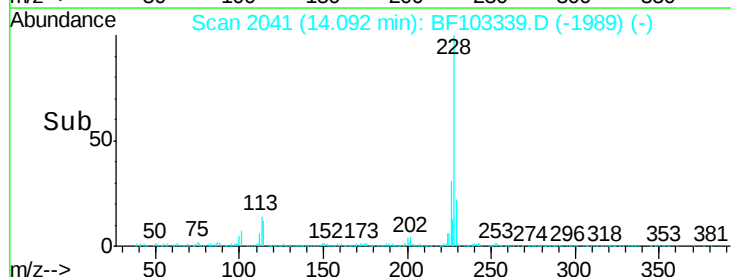
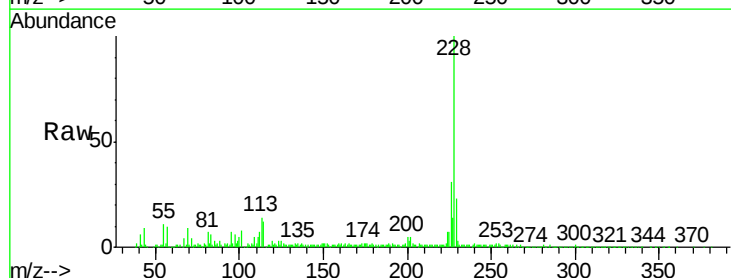
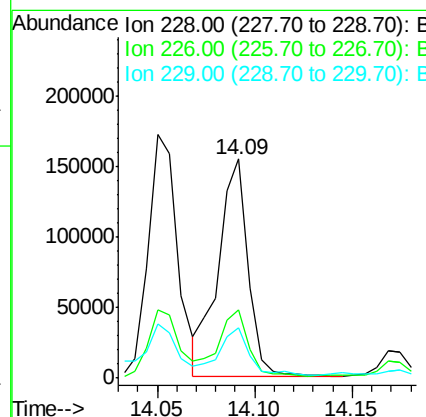
Manual Integrations
APPROVED

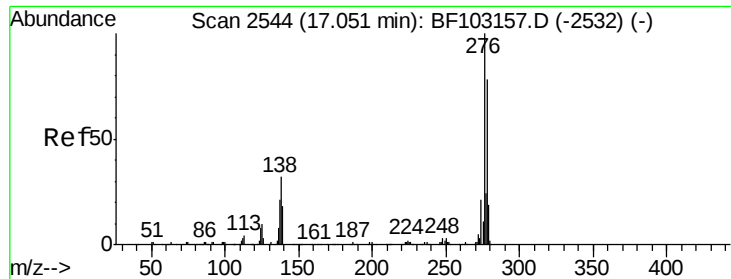
Sohil
3/2/2018 3:30:42 PM



#82
Chrysene
Concen: 14.435 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.2	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.748 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF103339.D

Acq: 1 Mar 2018 16:23

Instrument :

BNA_F

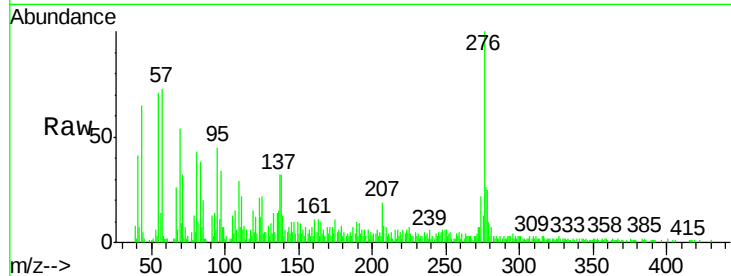
ClientSampled :

SP-36

Tot Ion:	276	Resp:	61601
Ion Ratio	Lower	Upper	
276	100		
138	27.0	25.0	37.6
277	22.4	20.1	30.1

Manual Integrations
APPROVED

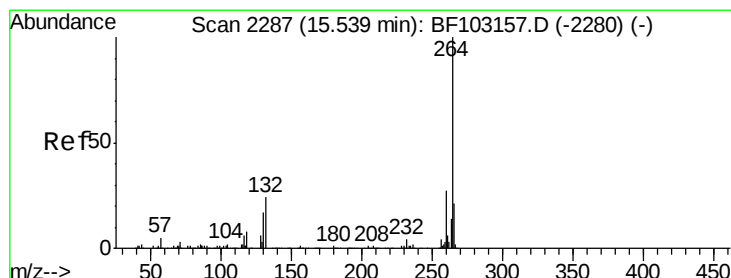
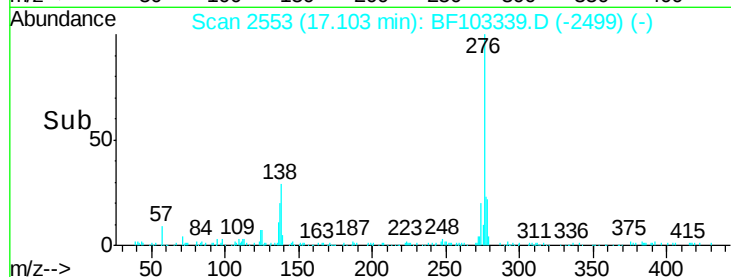
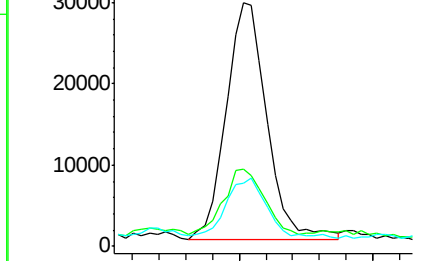
Sohil
3/2/2018 3:30:42 PM



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.02 min

Lab File: BF103339.D

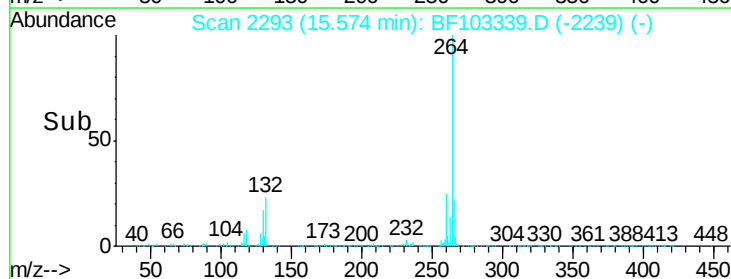
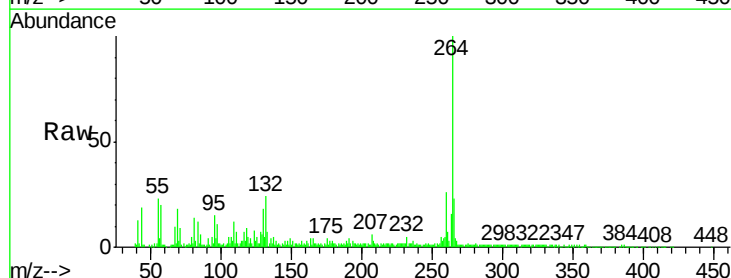
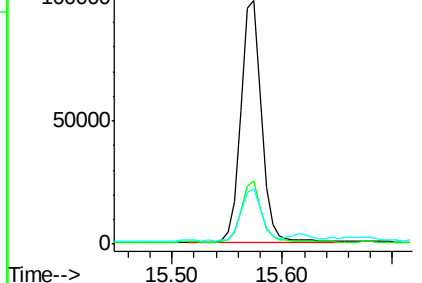
Acq: 1 Mar 2018 16:23

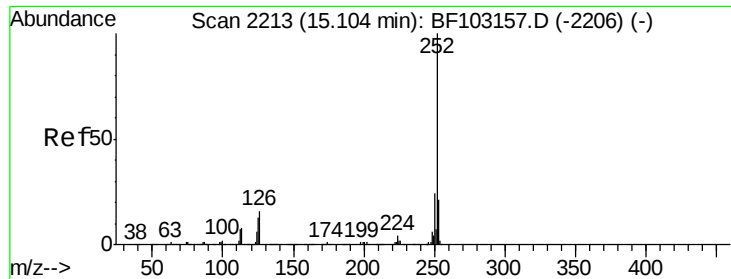
Tgt Ion:	264	Resp:	130156
Ion Ratio	Lower	Upper	
264	100		
260	25.9	19.2	28.8
265	22.9	17.5	26.3

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





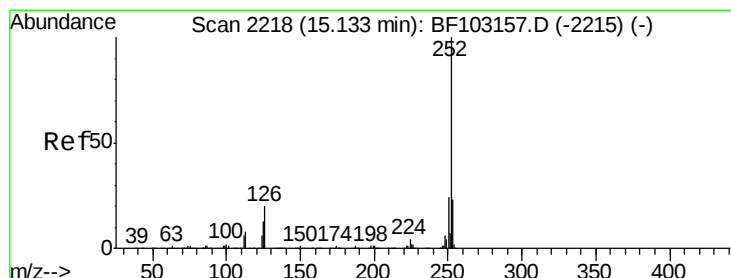
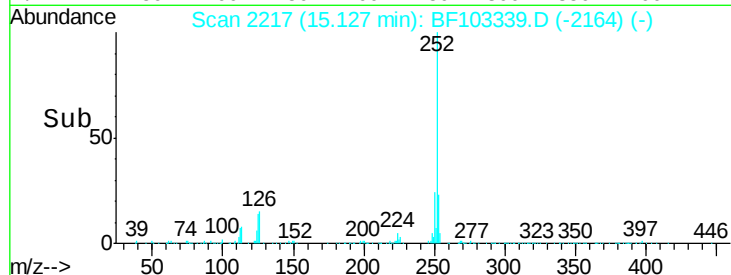
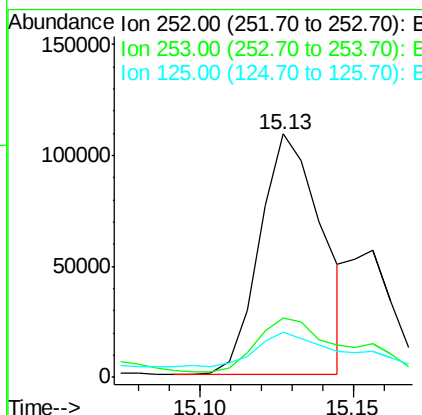
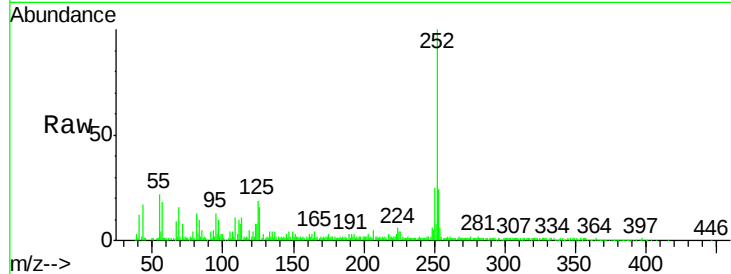
#87
Benzo(b)fluoranthene
Concen: 17.982 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	18.6	9.0	13.6

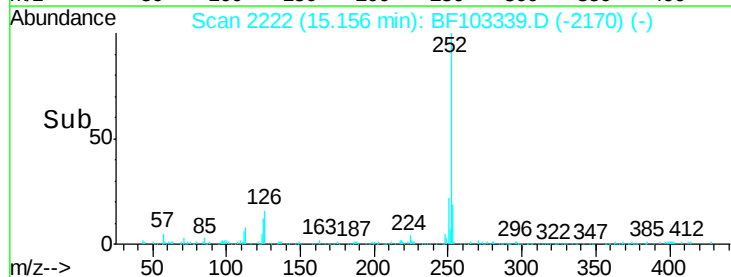
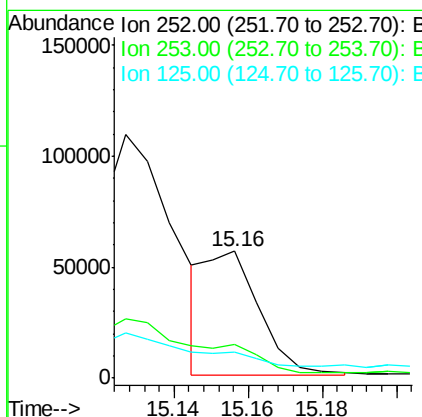
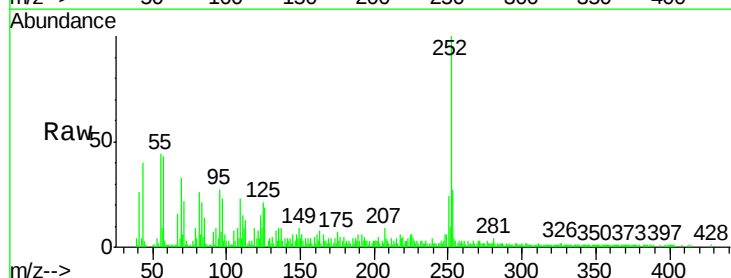
Manual Integrations
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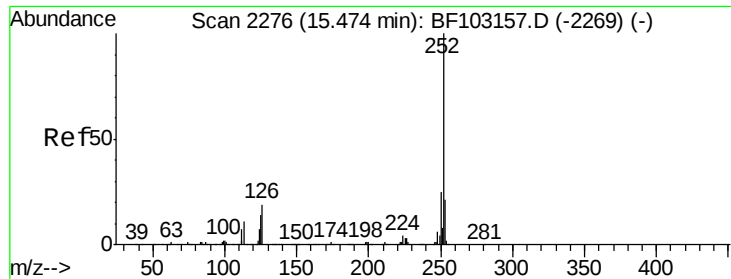
Sohil
3/2/2018 3:30:42 PM



#88
Benzo(k)fluoranthene
Concen: 6.912 ng m
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	21.0	10.2	15.2





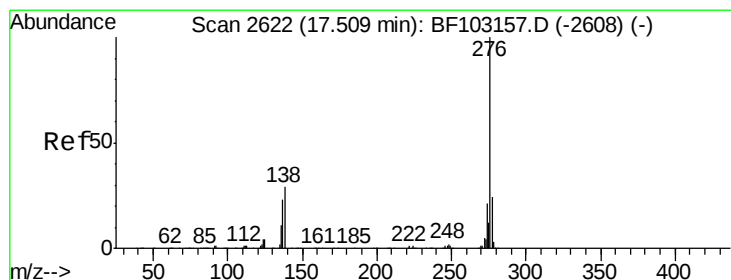
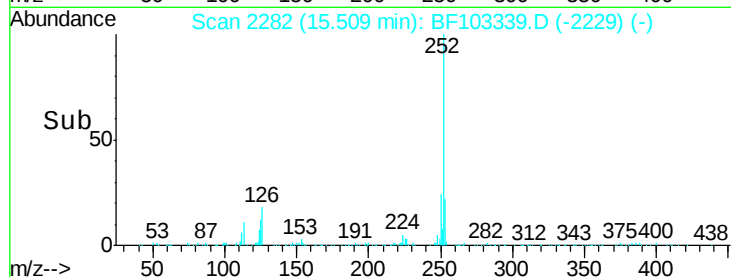
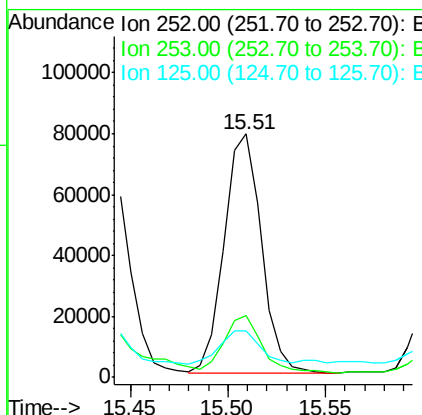
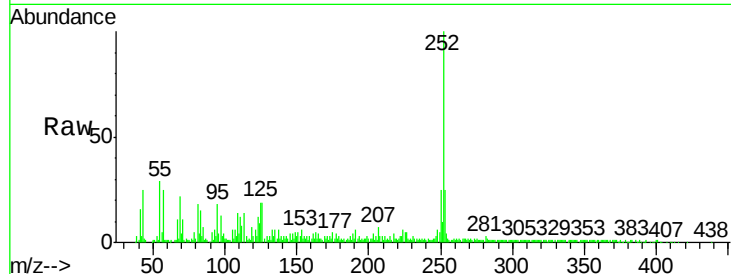
#89
Benzo(a)pyrene
Concen: 13.693 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Instrument :
BNA_F
ClientSampled :
SP-36

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	19.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/2/2018 3:30:42 PM



#91
Benzo(g,h,i)perylene
Concen: 10.355 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103339.D
Acq: 1 Mar 2018 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9
138	33.9	21.8	32.8

