

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103443.D
 Acq On : 6 Mar 2018 8:33
 Operator : SJ/JU
 Sample : J1786-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-25+71-WEST

Manual Integrations
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 3/6/2018 4:24:19 PM

Quant Time: Mar 06 09:53:53 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	121642	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	478004	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	179482	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	255991	20.00	ng	0.00
75) Chrysene-d12	14.06	240	177311	20.00	ng	0.00
86) Perylene-d12	15.57	264	129741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	707575	87.98	ng	0.00
7) Phenol-d6	6.51	99	856156	86.99	ng	-0.01
23) Nitrobenzene-d5	7.44	82	500560	59.80	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	96867	63.76	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	689050	61.90	ng	0.00
78) Terphenyl-d14	12.99	244	478654	64.89	ng	0.00
Target Compounds						Qvalue
73) Di-n-butylphthalate	11.95	149	151948	8.441	ng	99
74) Fluoranthene	12.63	202	60963	4.306	ng	98
77) Pyrene	12.86	202	63616	4.602	ng	99
80) Benzo(a)anthracene	14.05	228	26537	2.307	ng	98
82) Chrysene	14.09	228	24260	2.172	ng	97
87) Benzo(b)fluoranthene	15.13	252	25169m	2.951	ng	
89) Benzo(a)pyrene	15.51	252	19053	2.501	ng	# 85
91) Benzo(g,h,i)perylene	17.60	276	11939	2.075	ng	98

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

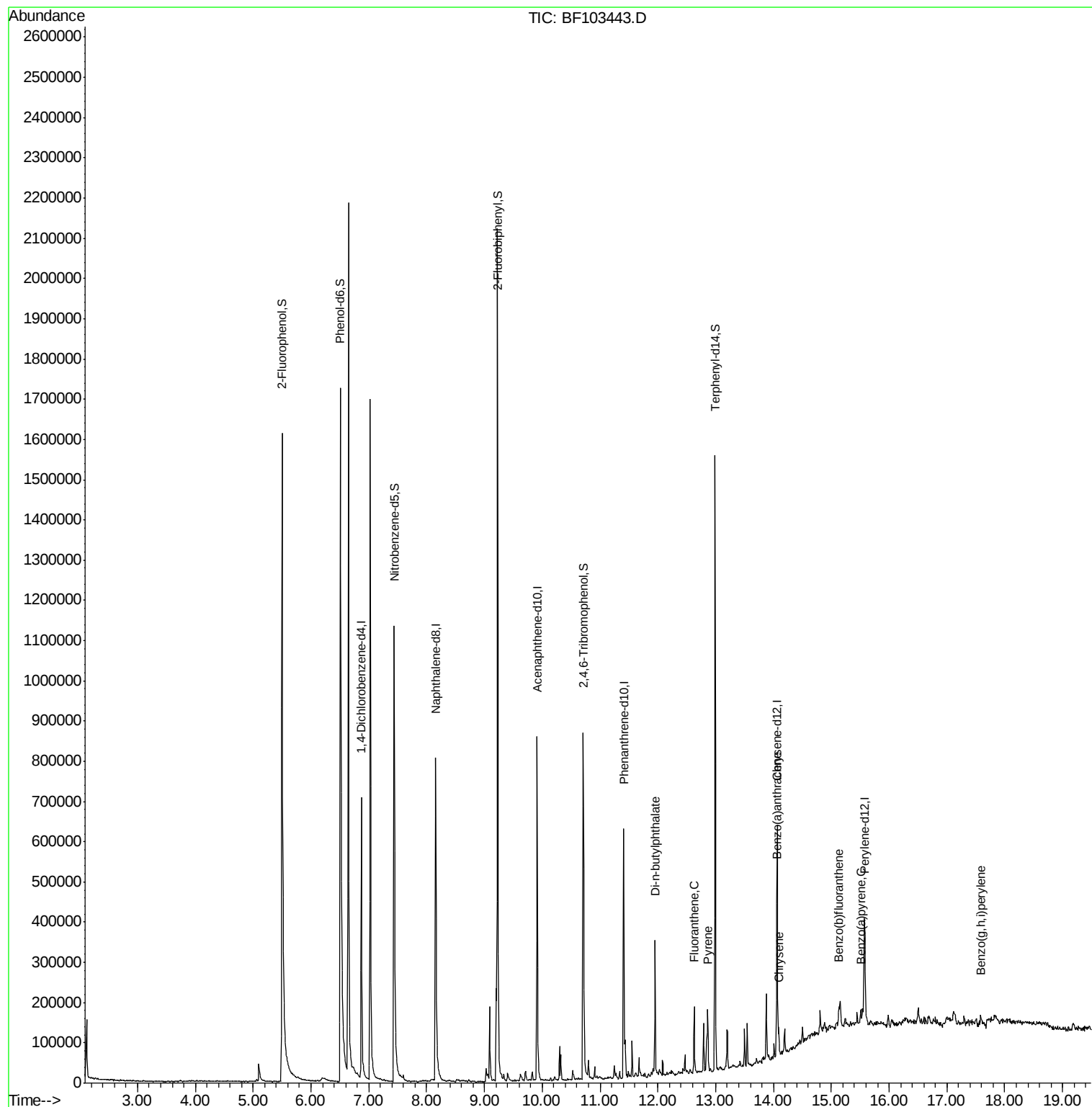
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103443.D
Acq On : 6 Mar 2018 8:33
Operator : SJ/JU
Sample : J1786-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

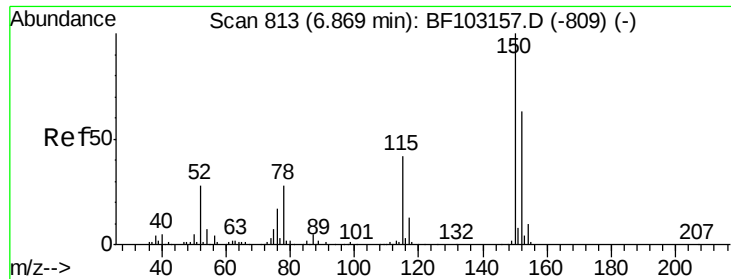
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

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Quant Time: Mar 06 09:53:53 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

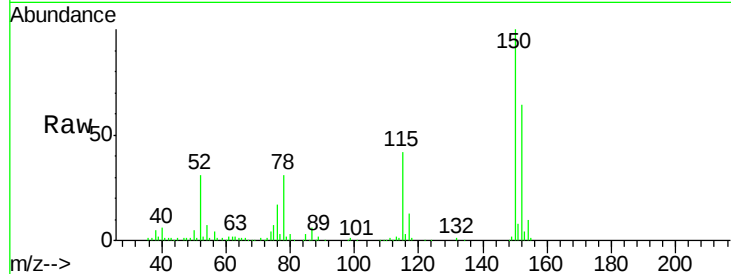
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	66.1	50.1	75.1

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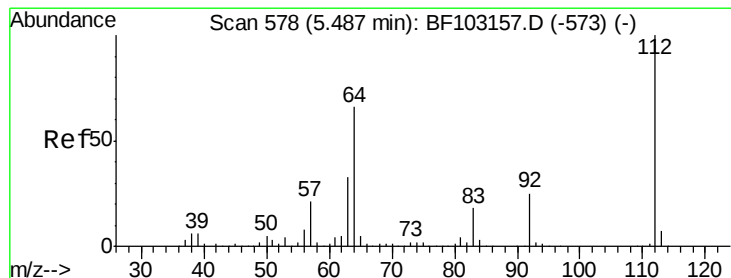
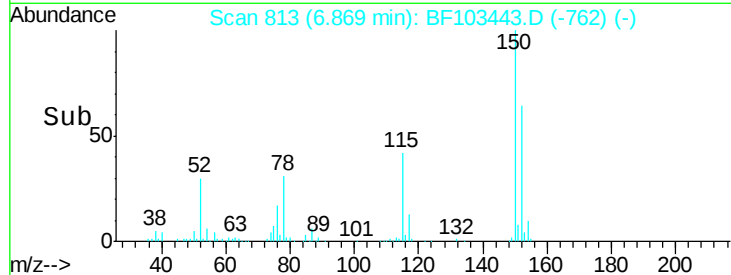
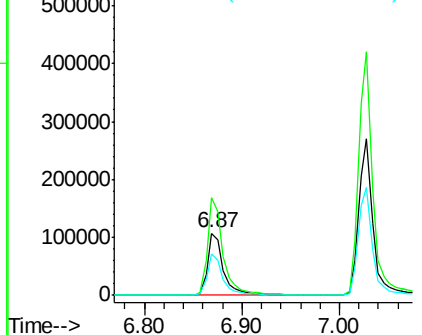


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

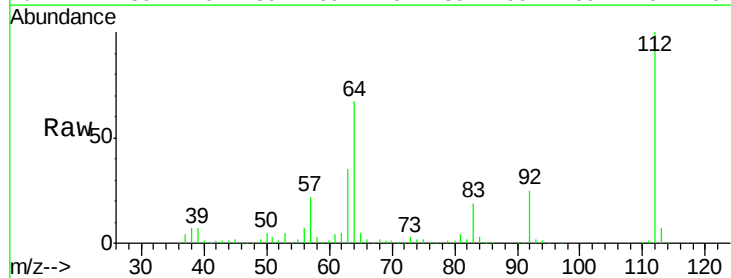
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.976 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	34.8	23.7	35.5

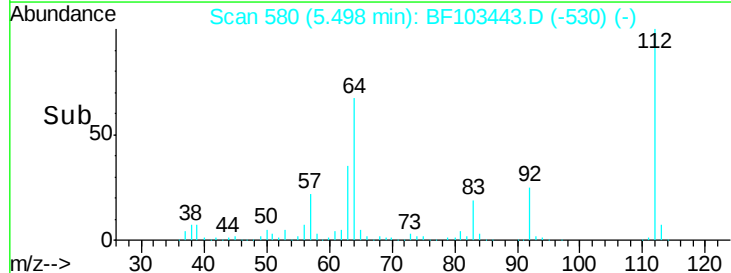
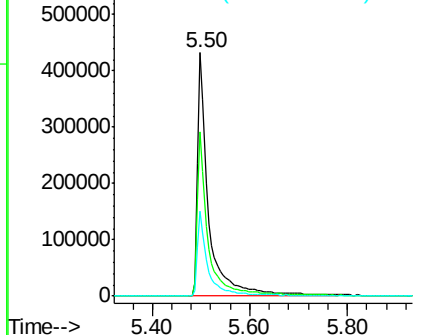


Abundance

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: 86.994 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103443.D

Acq: 6 Mar 2018 8:33

Instrument :

BNA_F

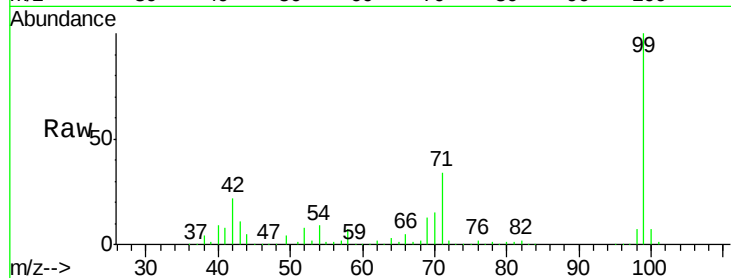
ClientSampleId :

SAMPLE-2-25+71-WEST

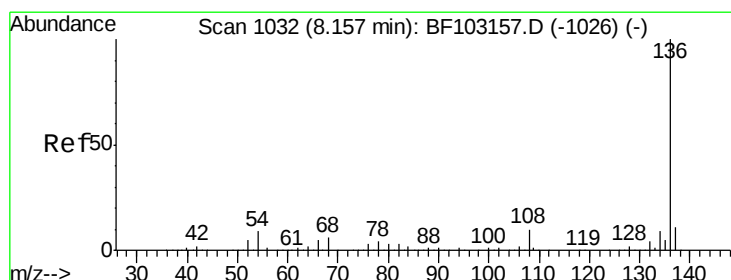
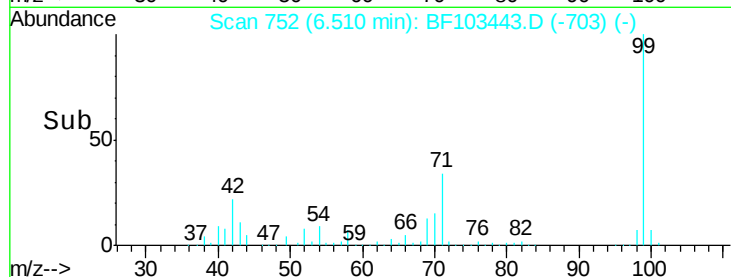
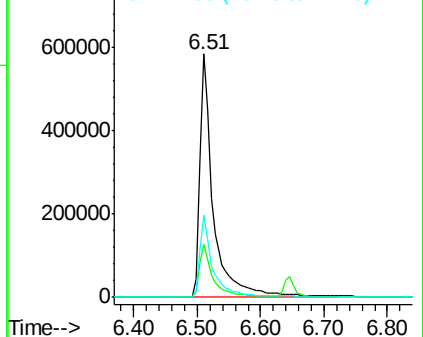
Tot Ion:	99	Resp:	856156
Ion Ratio	Lower	Upper	
99	100		
42	21.8	14.5	21.7#
71	33.6	25.4	38.0

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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

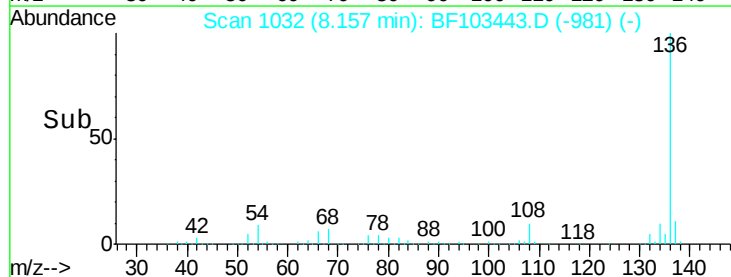
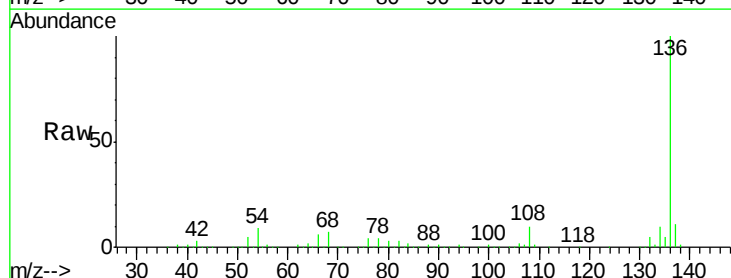
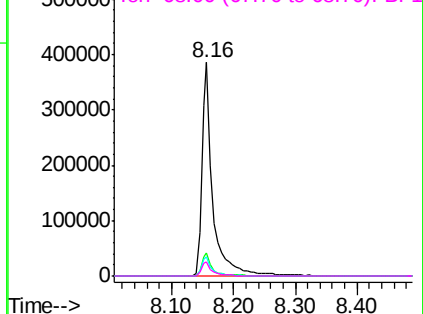
Delta R.T. 0.00 min

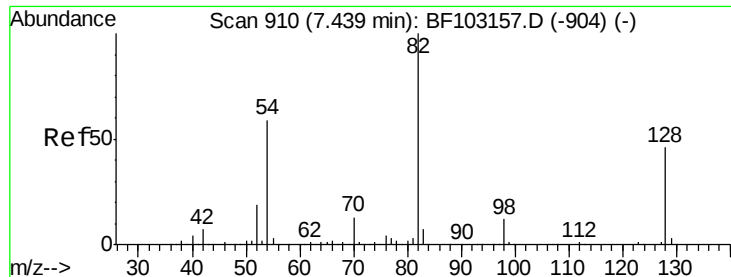
Lab File: BF103443.D

Acq: 6 Mar 2018 8:33

Tgt Ion:	136	Resp:	478004
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.6	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





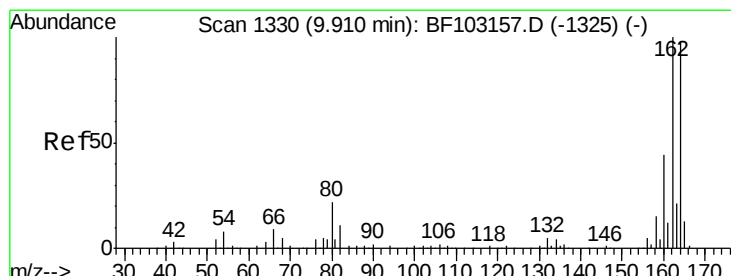
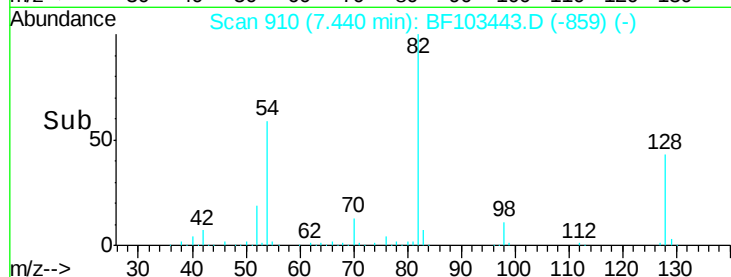
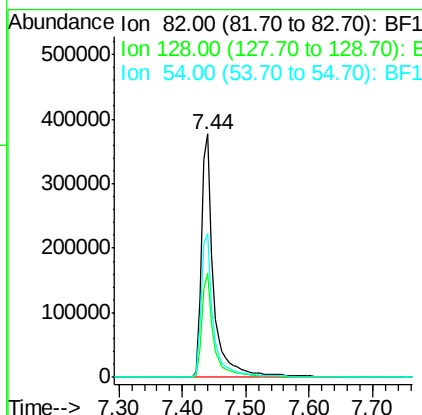
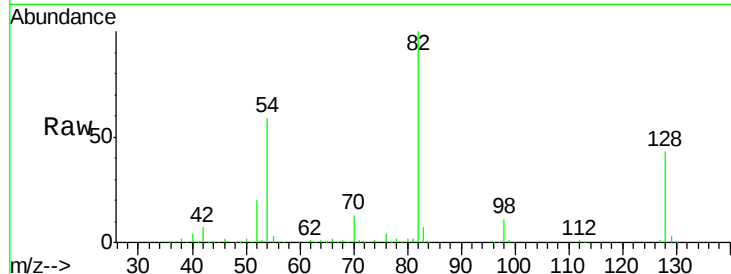
#23
 Nitrobenzene-d5
 Concen: 59.803 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103443.D
 Acq: 6 Mar 2018 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Resp	Lower	Upper
82	100	500560		
128	42.7	36.1	54.1	
54	59.0	41.4	62.2	

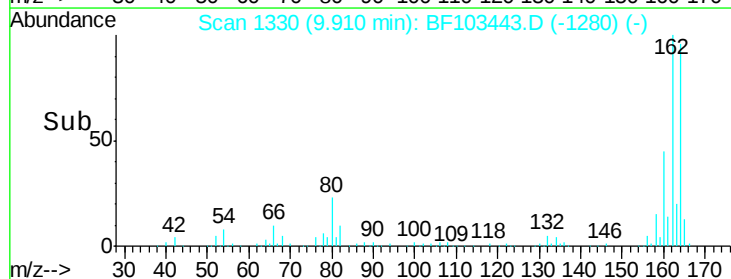
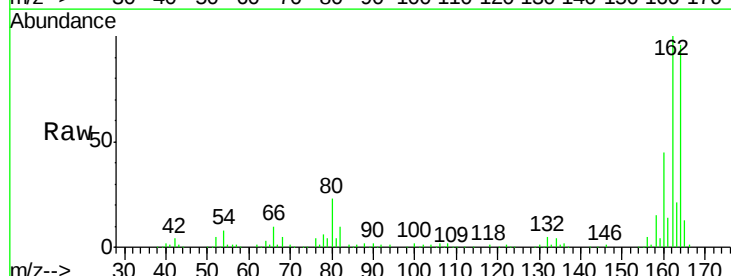
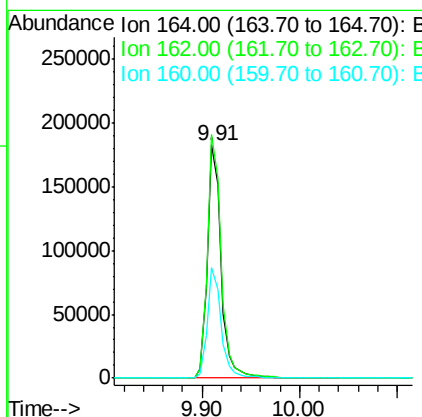
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103443.D
 Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179482		
162	104.4	86.1	129.1	
160	47.2	38.3	57.5	





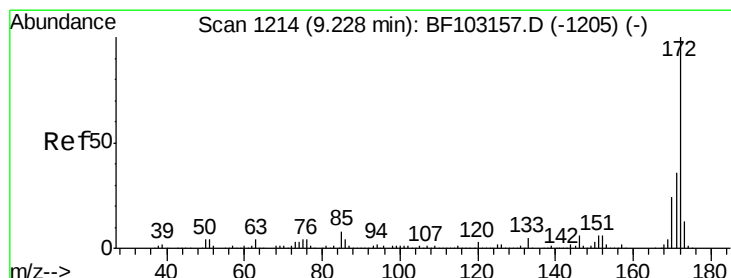
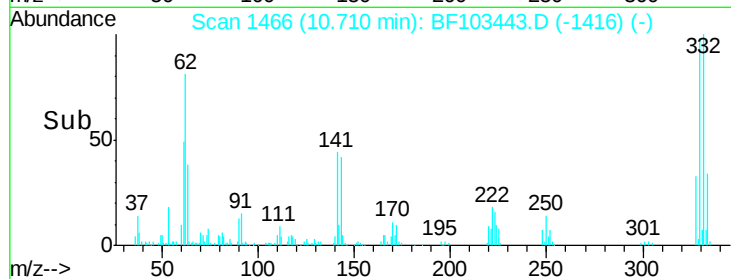
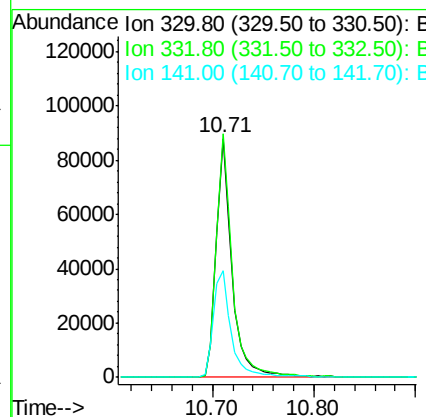
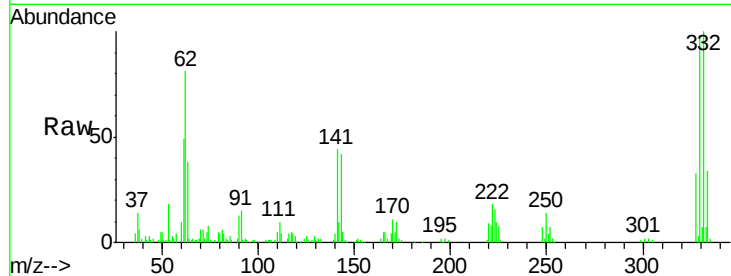
#41
 2,4,6-Tribromophenol
 Concen: 63.761 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103443.D
 Acq: 6 Mar 2018 8:33

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	49.4	29.9	44.9

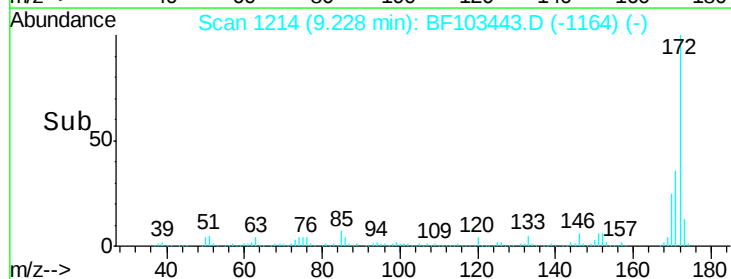
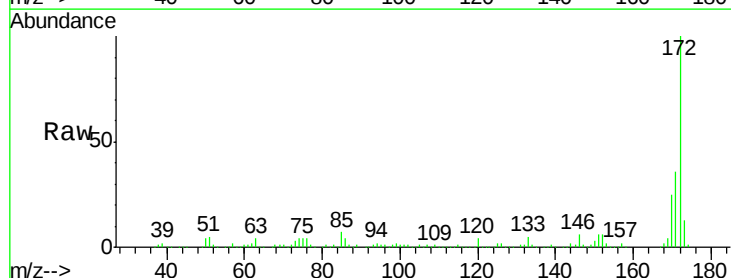
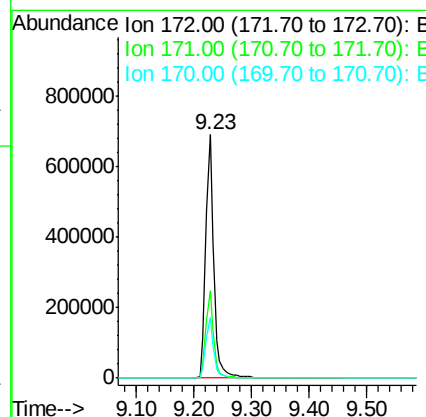
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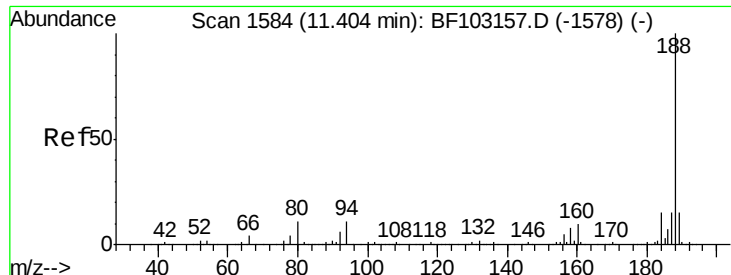
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#44
 2-Fluorobiphenyl
 Concen: 61.901 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103443.D
 Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4





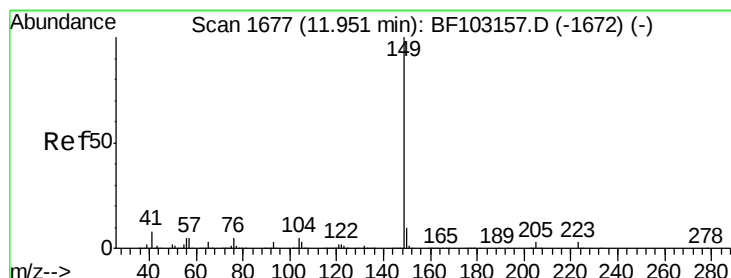
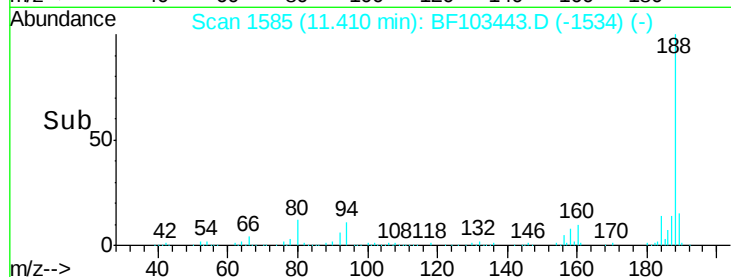
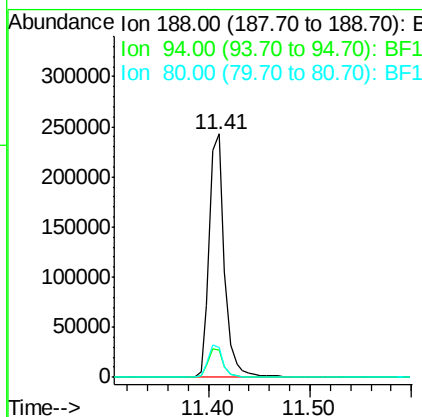
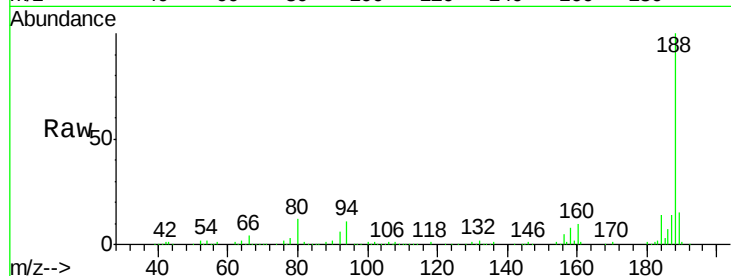
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255991		
94	11.0		8.5	12.7
80	12.3		9.2	13.8

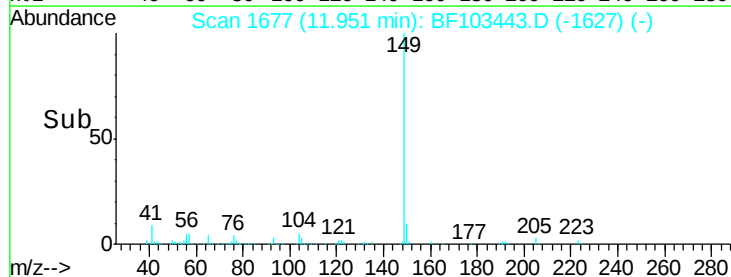
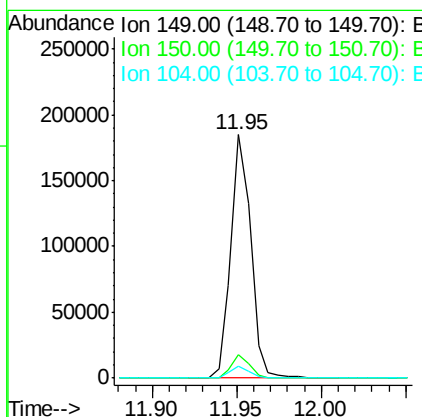
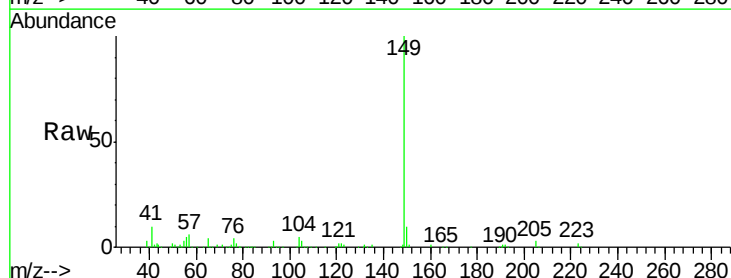
Manual Integrations
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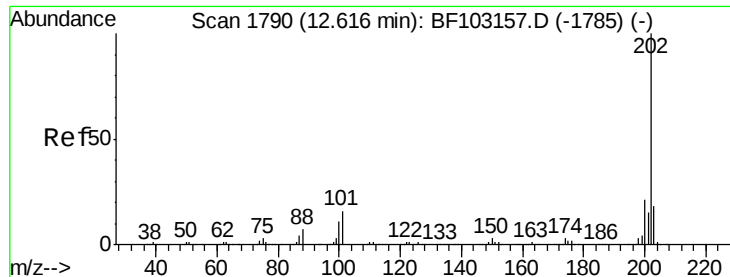
Sohil
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#73
Di-n-butylphthalate
Concen: 8.441 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	151948		
150	9.5		7.8	11.6
104	5.1		3.8	5.8





#74

Fluoranthene

Concen: 4.306 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103443.D

Acq: 6 Mar 2018 8:33

Instrument :

BNA_F

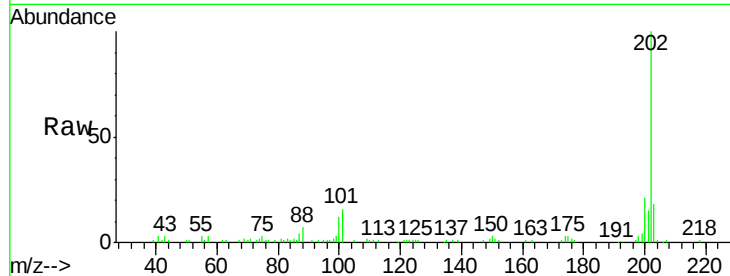
ClientSampleId :

SAMPLE-2-25+71-WEST

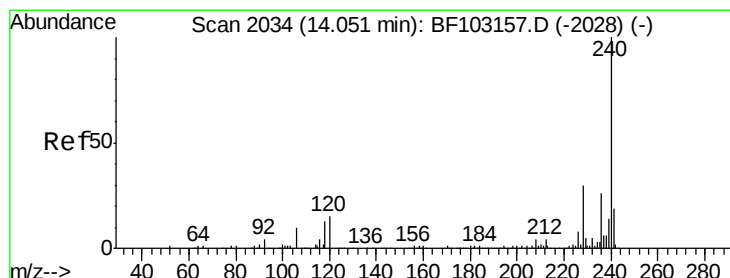
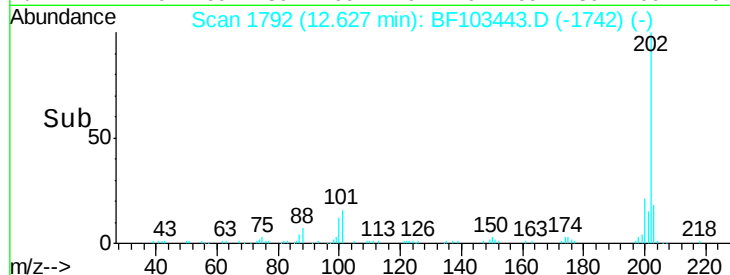
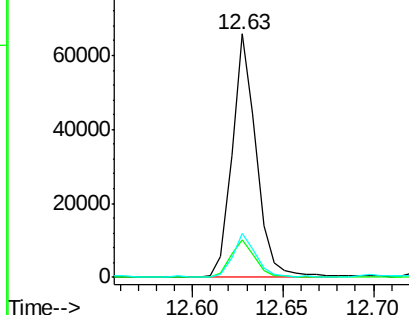
Tot Ion:	202	Resp:	60963
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	34.1
203	18.0	0.0	38.1

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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

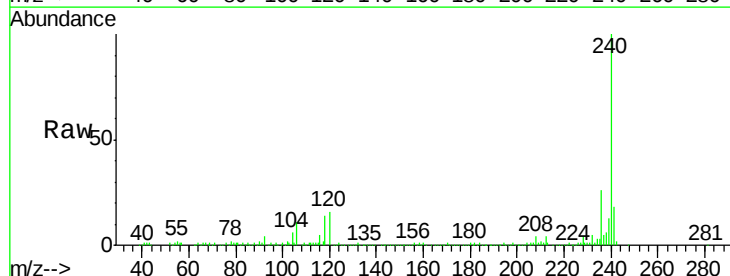
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

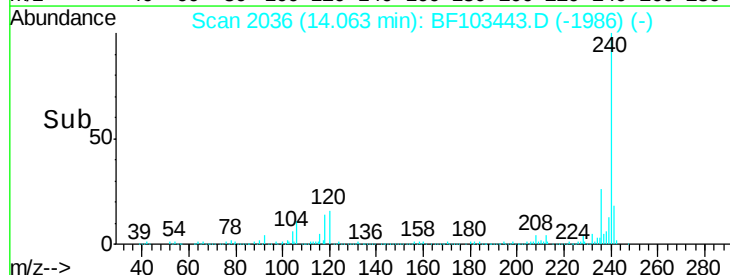
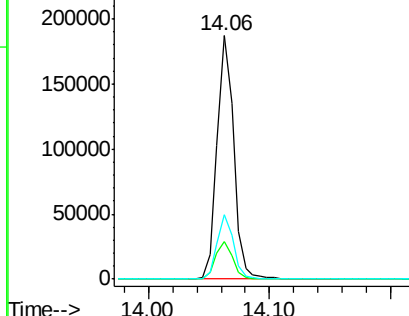
Lab File: BF103443.D

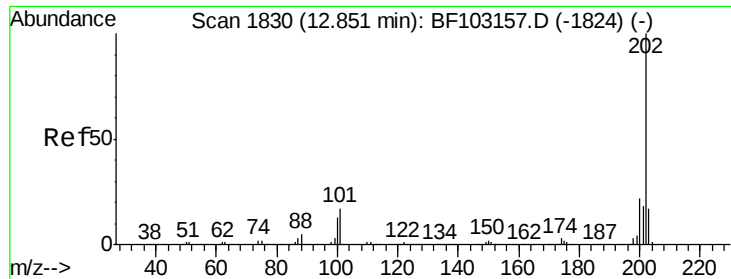
Acq: 6 Mar 2018 8:33

Tgt Ion:	240	Resp:	177311
Ion Ratio	Lower	Upper	
240	100		
120	15.6	9.5	14.3#
236	26.2	20.7	31.1



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





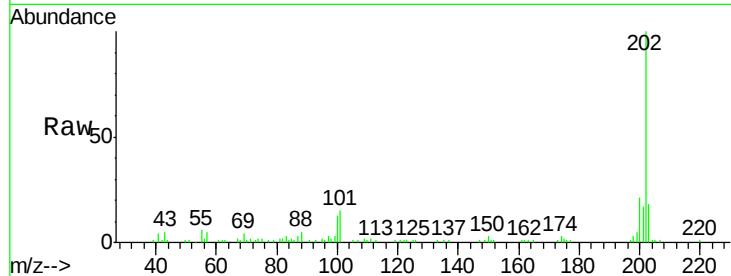
#77
Pvrene
Concen: 4.602 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

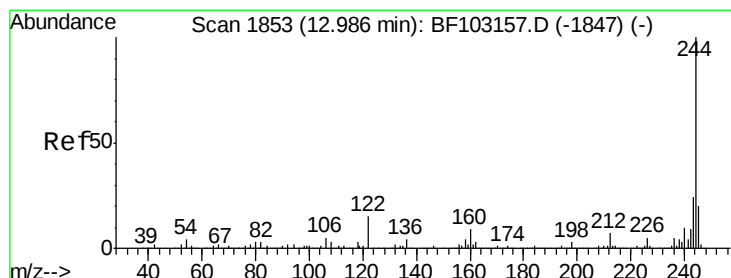
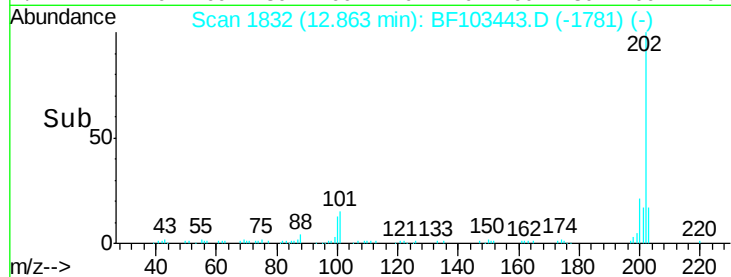
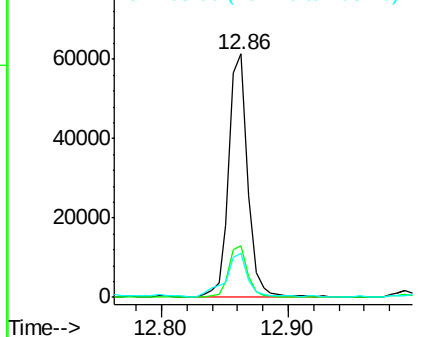
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
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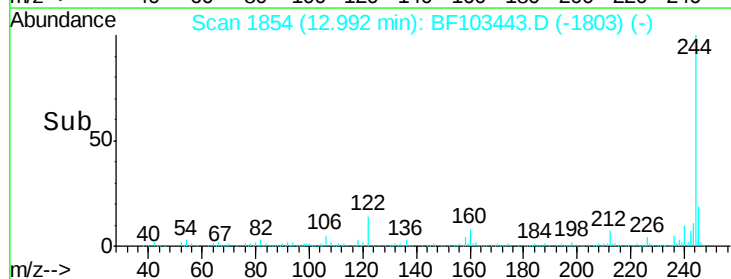
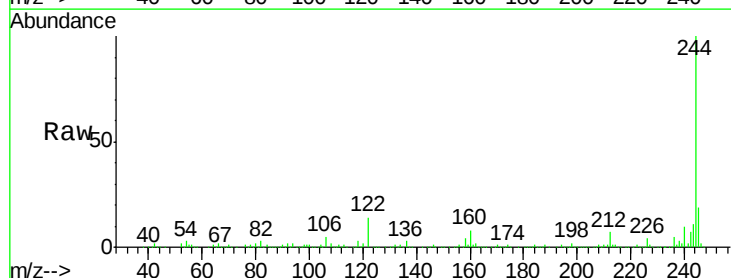
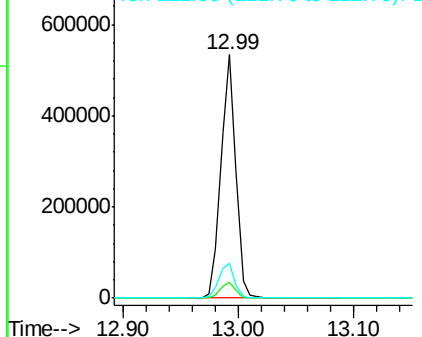
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

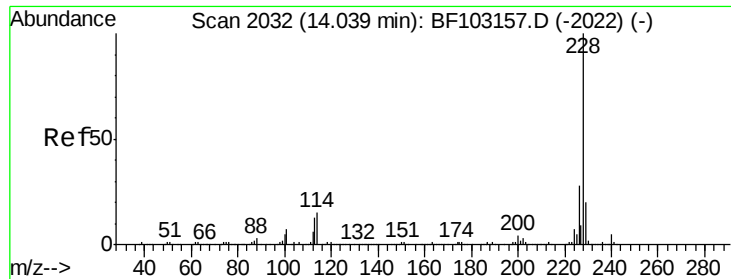


#78
Terphenyl-d14
Concen: 64.893 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.4	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





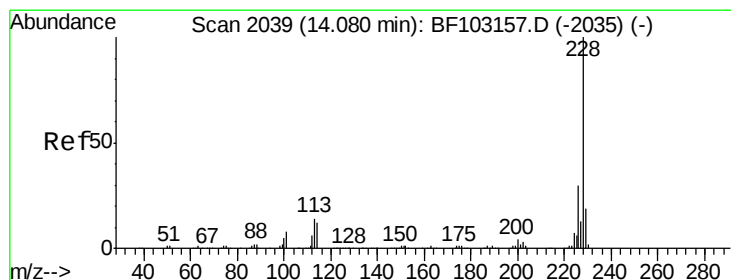
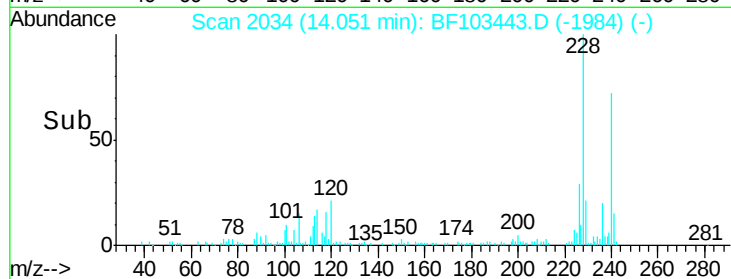
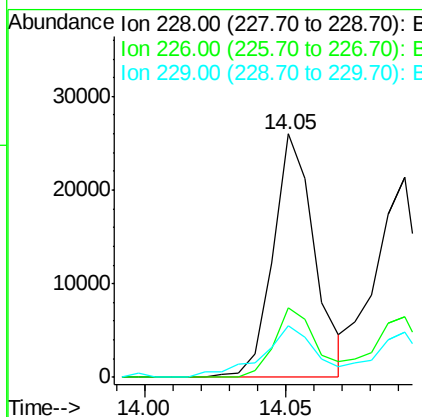
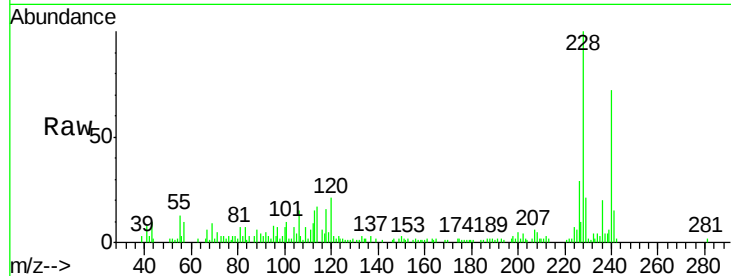
#80
Benzo(a)anthracene
Concen: 2.307 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	15.8	23.6

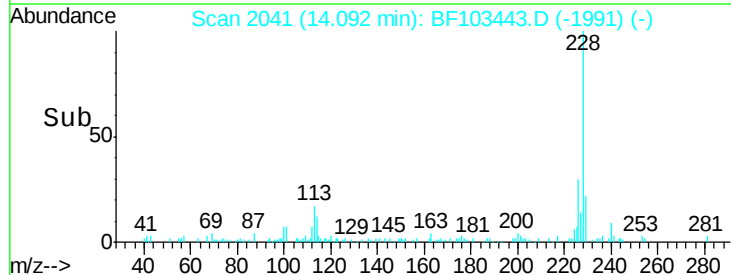
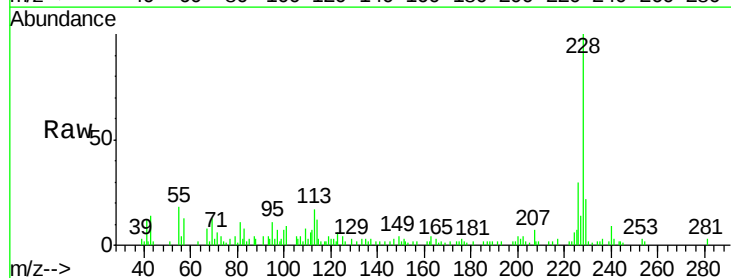
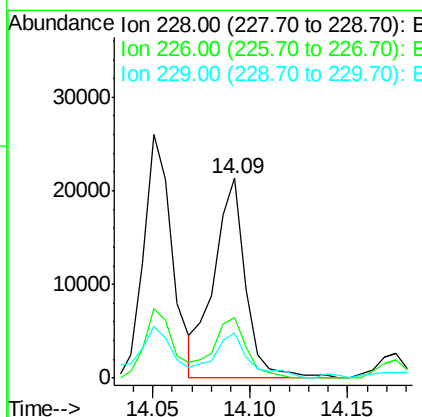
Manual Integrations
APPROVED

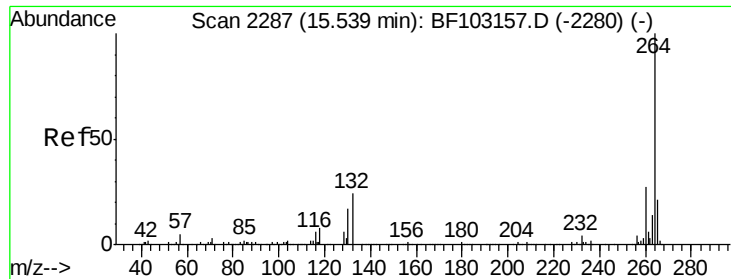
Sohil
3/6/2018 4:24:19 PM



#82
Chrysene
Concen: 2.172 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4





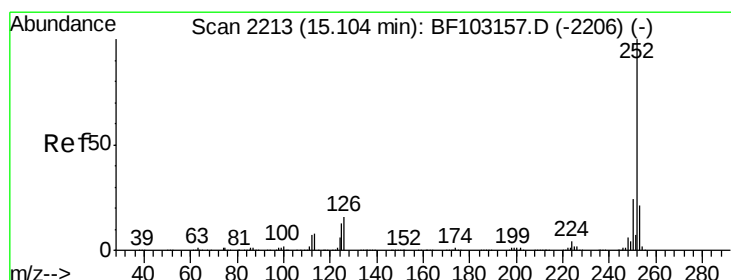
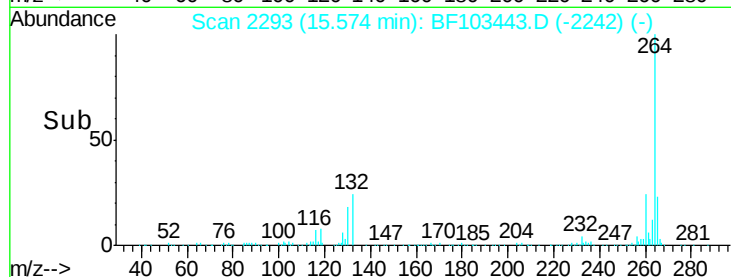
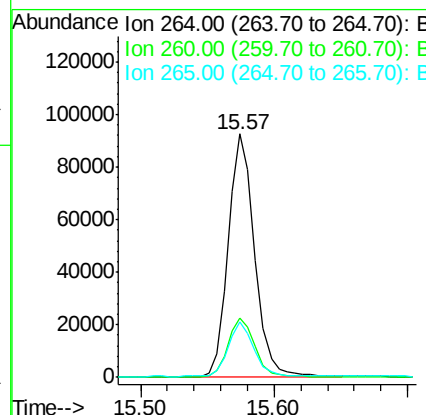
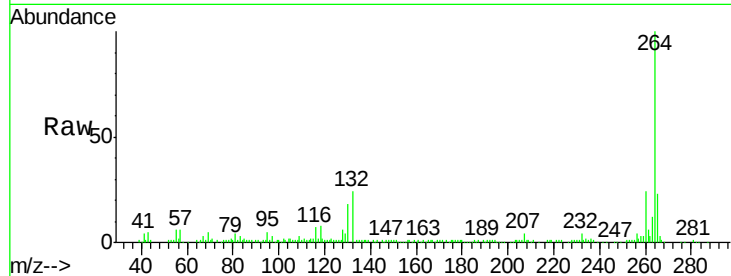
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.9	17.5	26.3

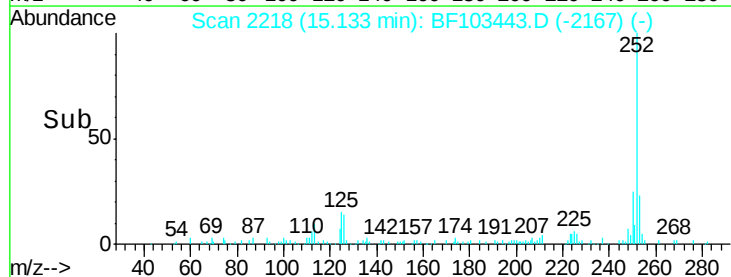
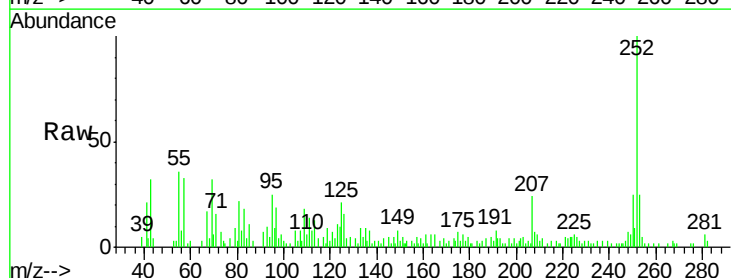
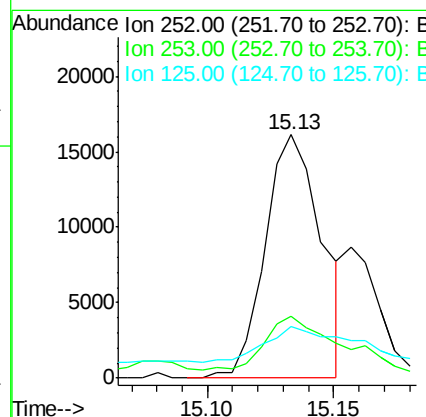
Manual Integrations
APPROVED

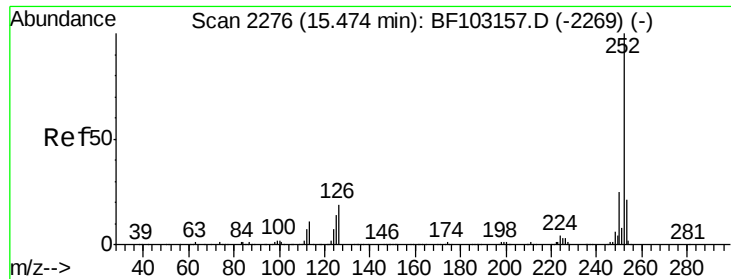
Sohil
3/6/2018 4:24:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.951 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	21.1	9.0	13.6#





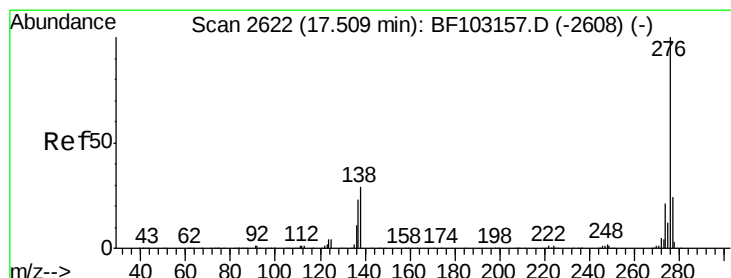
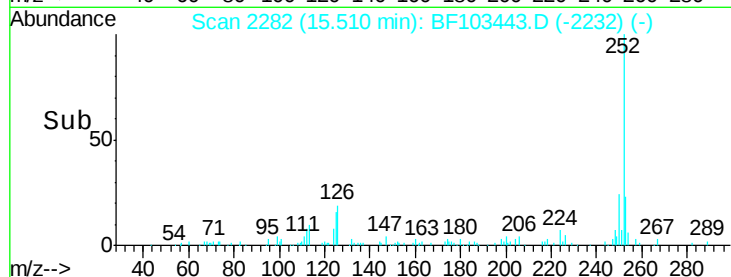
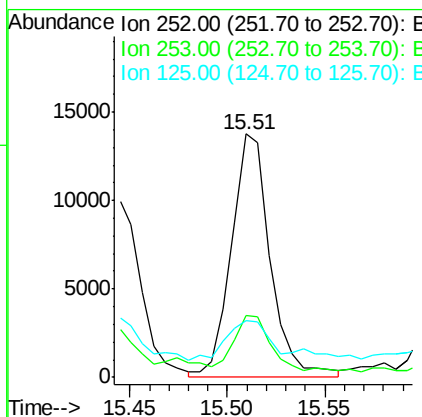
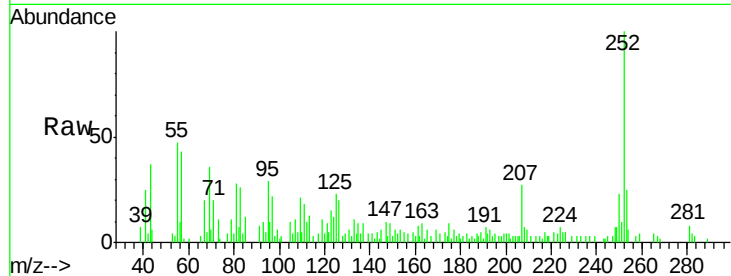
#89
Benzo(a)pyrene
Concen: 2.501 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-25+71-WEST

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	23.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/6/2018 4:24:19 PM



#91
Benzo(g,h,i)perylene
Concen: 2.075 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103443.D
Acq: 6 Mar 2018 8:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	27.4	21.8	32.8

