

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103384.D
 Acq On : 2 Mar 2018 23:41
 Operator : SJ/JU
 Sample : J1724-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:14:00 PM

Quant Time: Mar 05 03:59:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144688	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	596041	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	220562	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	306292	20.00	ng	0.00
75) Chrysene-d12	14.07	240	219207	20.00	ng	0.00
86) Perylene-d12	15.58	264	155387	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1014649	106.06	ng	0.00
7) Phenol-d6	6.52	99	1252806	107.02	ng	0.00
23) Nitrobenzene-d5	7.45	82	794281	76.10	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	145807	78.10	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1003593	76.53	ng	0.00
78) Terphenyl-d14	13.00	244	617622	67.73	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	36701	4.161	ng	Qvalue # 76
49) Dimethylphthalate	9.63	163	94551	5.344	ng	99
70) Phenanthrene	11.43	178	172065	10.208	ng	98
71) Anthracene	11.49	178	54891	3.176	ng	99
74) Fluoranthene	12.63	202	332917	19.654	ng	99
77) Pyrene	12.86	202	344369	20.149	ng	100
80) Benzo(a)anthracene	14.06	228	157085m	11.044	ng	
82) Chrysene	14.09	228	159886m	11.577	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	29026	2.382	ng	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	55619	5.087	ng	95
87) Benzo(b)fluoranthene	15.13	252	152033m	14.881	ng	
88) Benzo(k)fluoranthene	15.16	252	57511m	5.978	ng	
89) Benzo(a)pyrene	15.52	252	103517	11.346	ng	# 94
90) Dibenzo(a,h)anthracene	17.13	278	15241m	2.162	ng	
91) Benzo(a,h,i)perylene	17.60	276	54668	7.934	ng	# 91

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

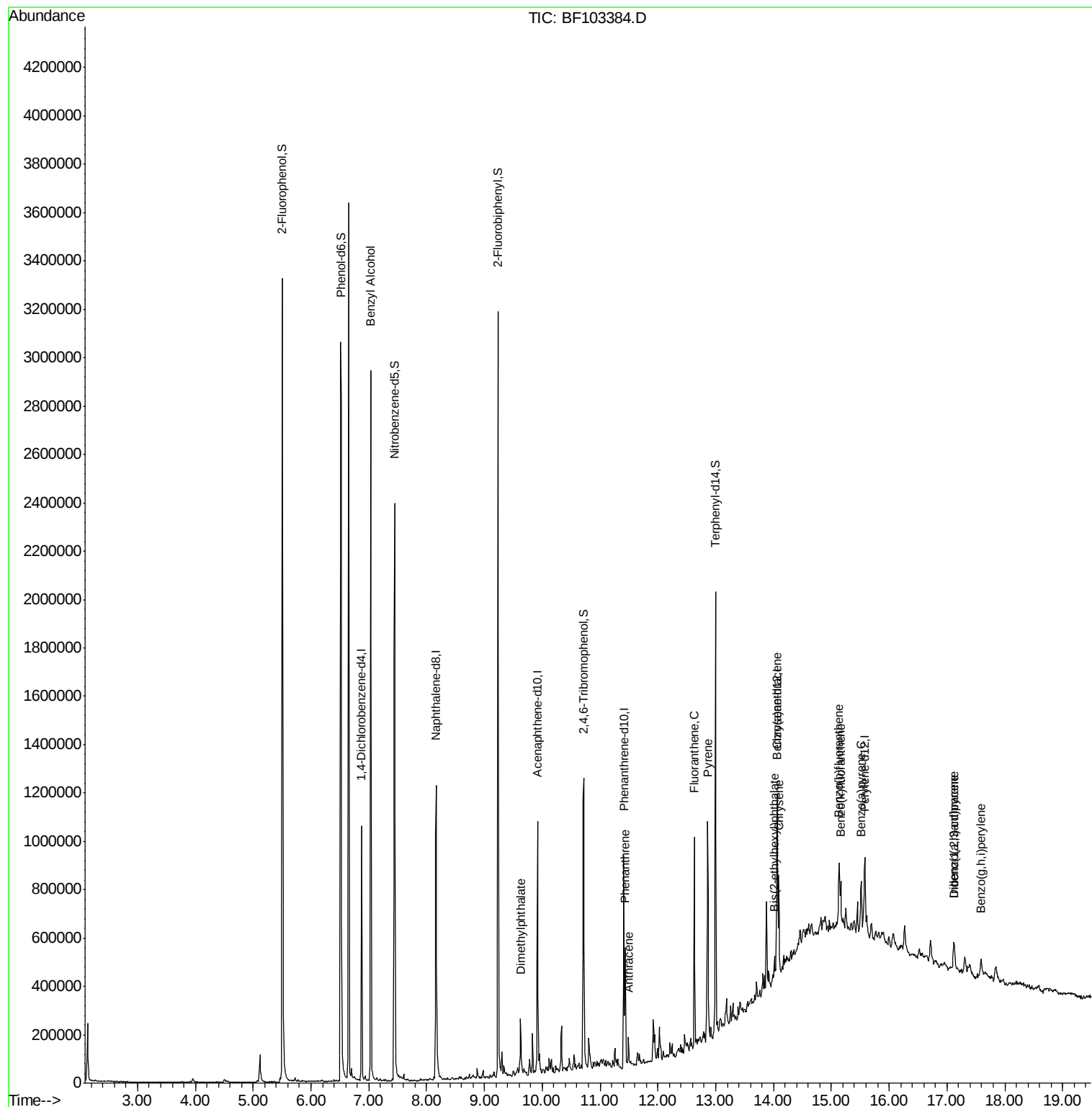
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103384.D
Acq On : 2 Mar 2018 23:41
Operator : SJ/JU
Sample : J1724-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-6

Manual Integrations
APPROVED

Sohil
3/5/2018 3:14:00 PM

Quant Time: Mar 05 03:59:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration





#1

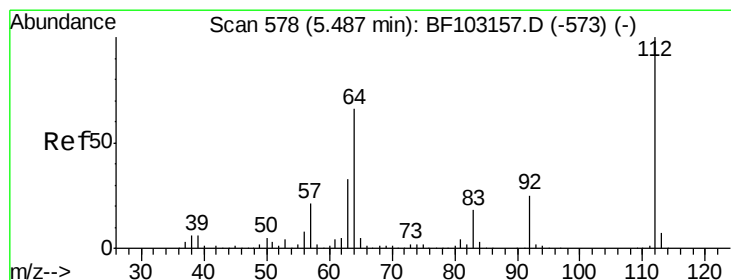
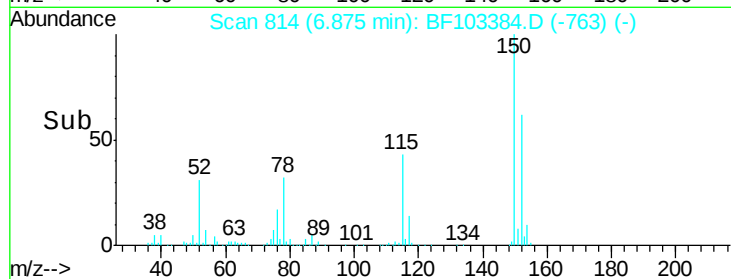
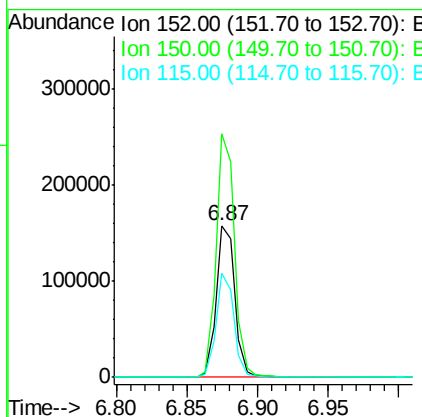
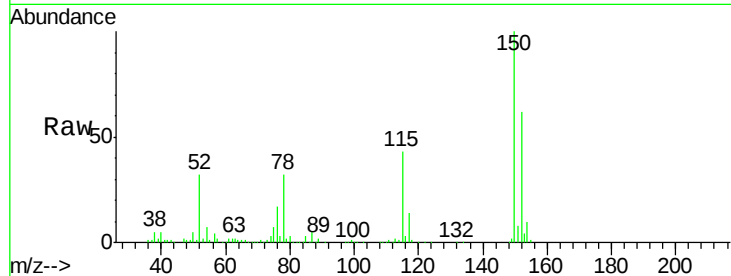
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :
SP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	68.4	50.1	75.1

Manual Integrations
APPROVED

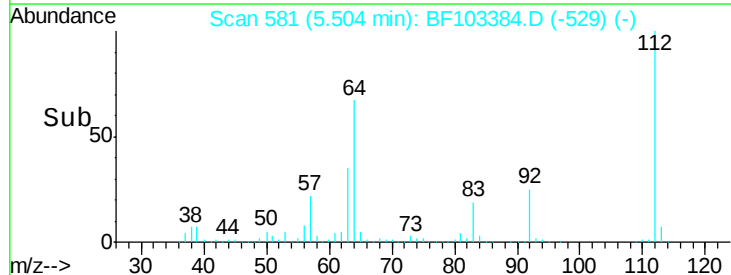
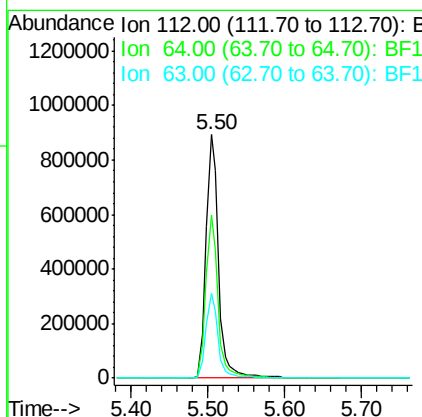
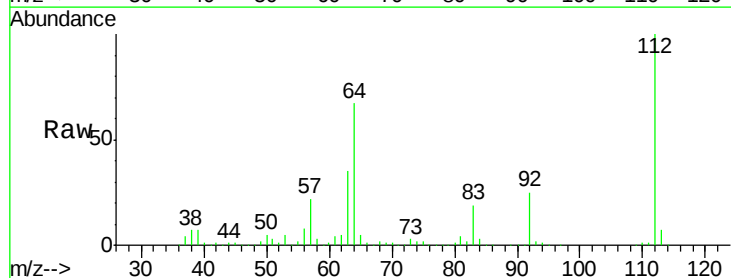
Sohil
3/5/2018 3:14:00 PM

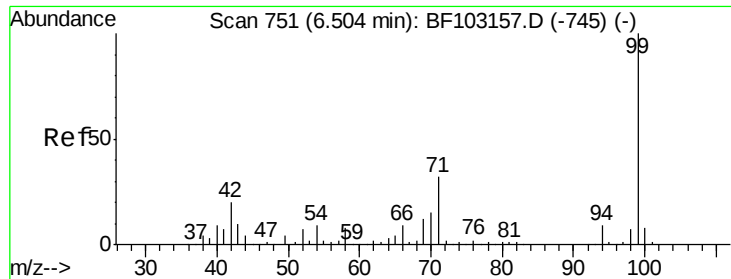


#5

2-Fluorophenol
Concen: 106.062 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	35.0	23.7	35.5





#7

Phenol-d6

Concen: 107.021 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103384.D

Acq: 2 Mar 2018 23:41

Instrument :

BNA_F

ClientSampled :

SP-6

Tot Ion: 99 Resp: 1252806

Ion Ratio Lower Upper

99 100

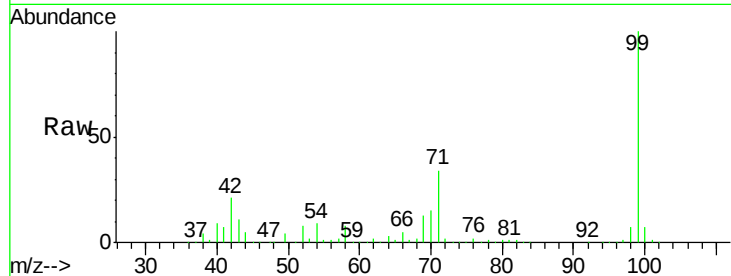
42 21.3 14.5 21.7

71 34.0 25.4 38.0

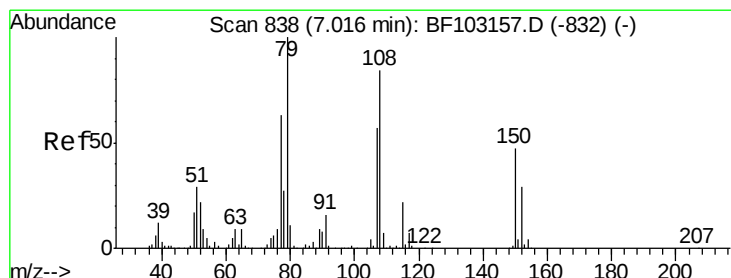
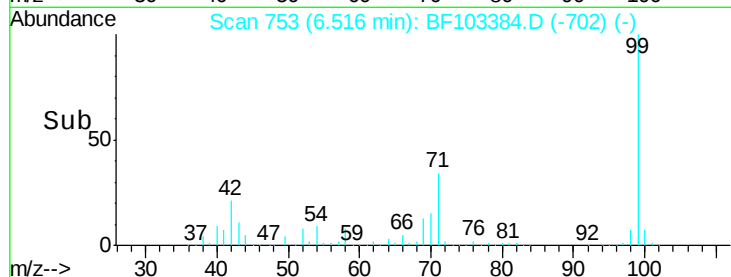
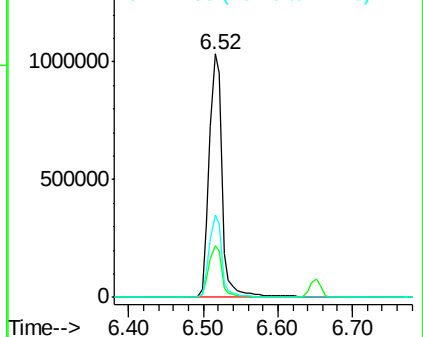
Manual Integrations
APPROVED

Sohil

3/5/2018 3:14:00 PM



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



#15

Benzyl Alcohol

Concen: 4.161 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103384.D

Acq: 2 Mar 2018 23:41

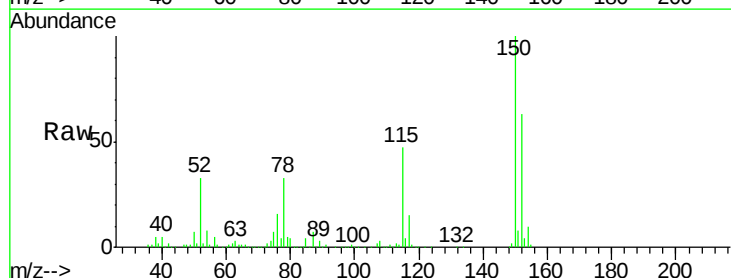
Tgt Ion: 79 Resp: 36701

Ion Ratio Lower Upper

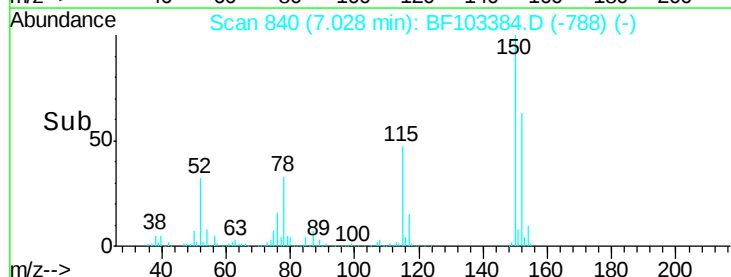
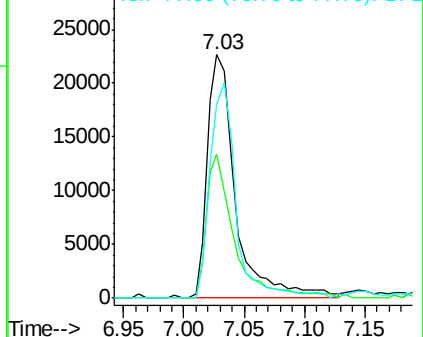
79 100

108 58.8 65.1 97.7#

77 79.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





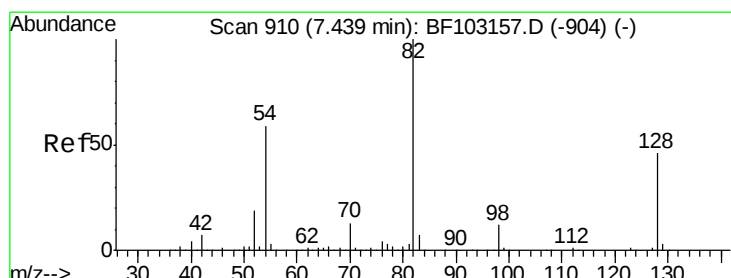
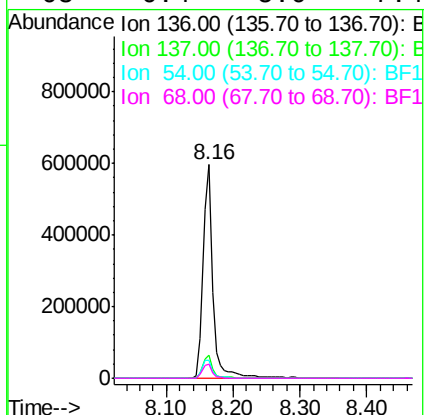
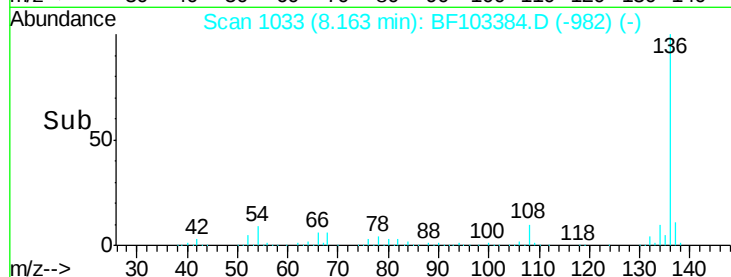
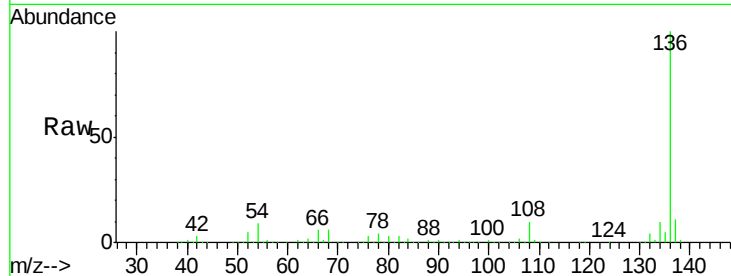
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampled :
SP-6

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4

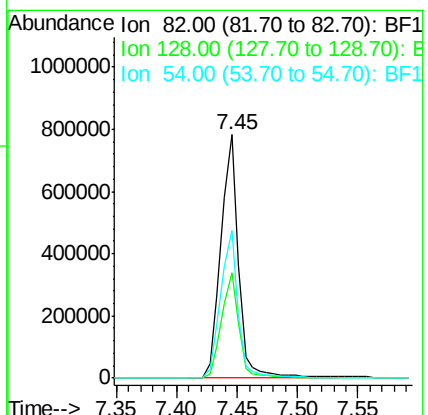
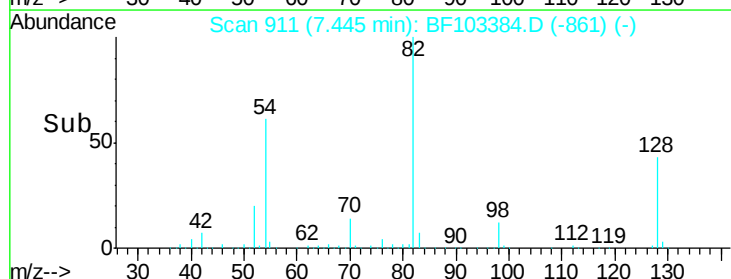
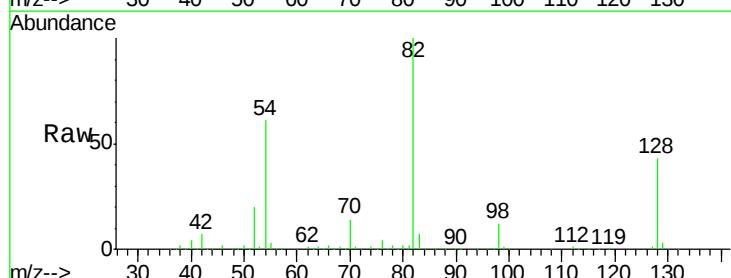
Manual Integrations
APPROVED

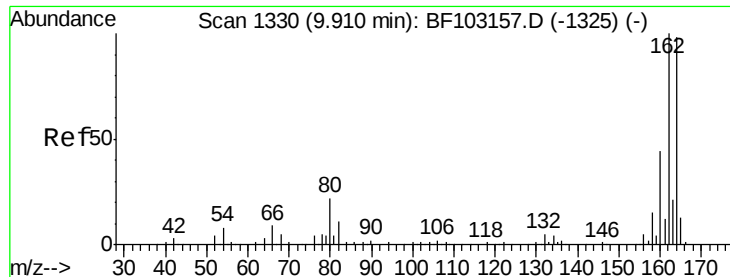
Sohil
3/5/2018 3:14:00 PM



#23
Nitrobenzene-d5
Concen: 76.102 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	60.5	41.4	62.2





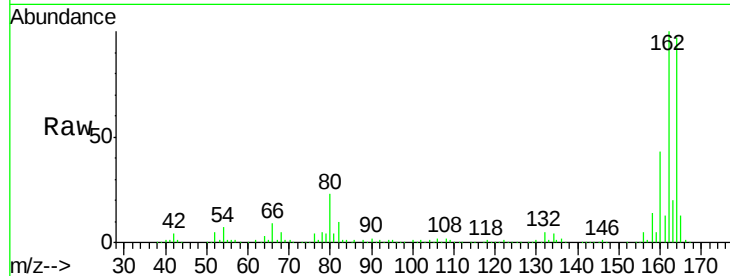
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :
SP-6

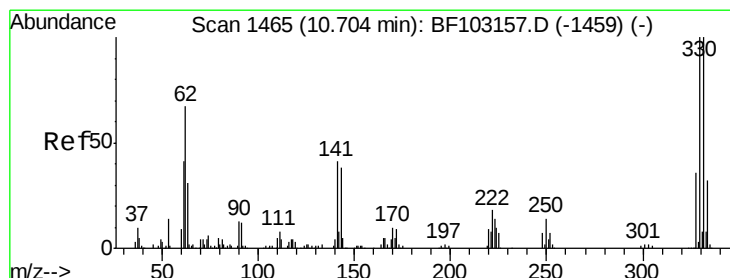
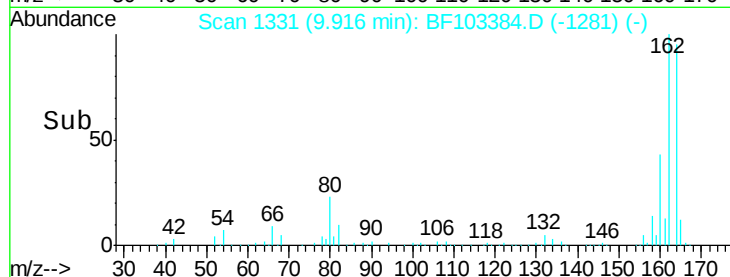
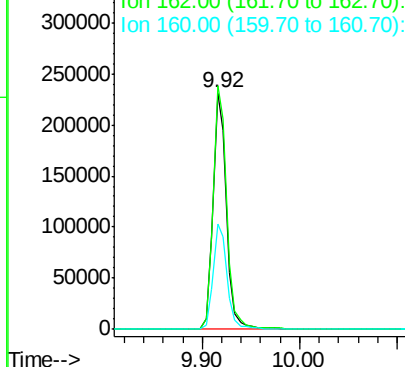
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.7	38.3	57.5

Manual Integrations
APPROVED

Sohil
3/5/2018 3:14:00 PM

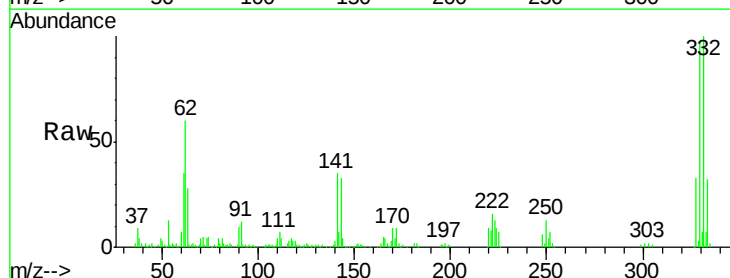


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

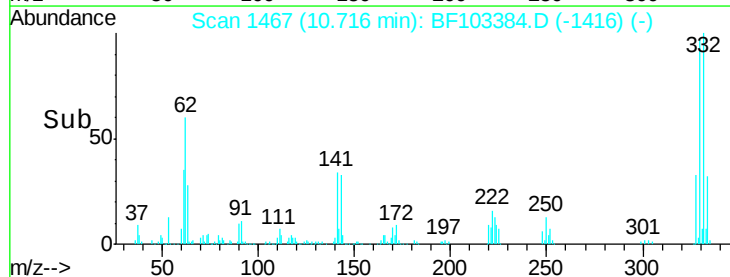
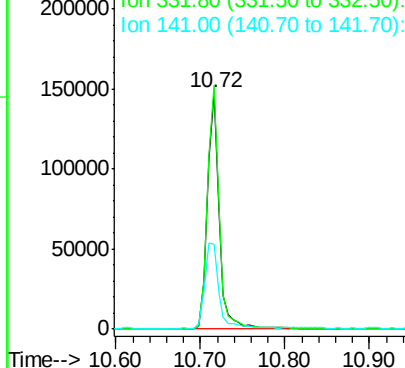


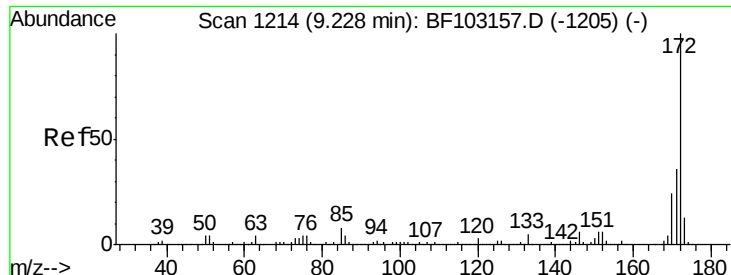
#41
2,4,6-Tribromophenol
Concen: 78.100 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	43.0	29.9	44.9



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





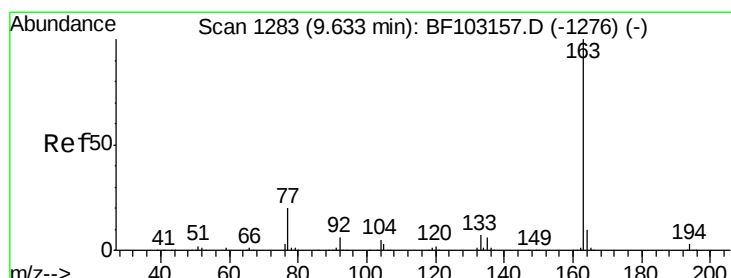
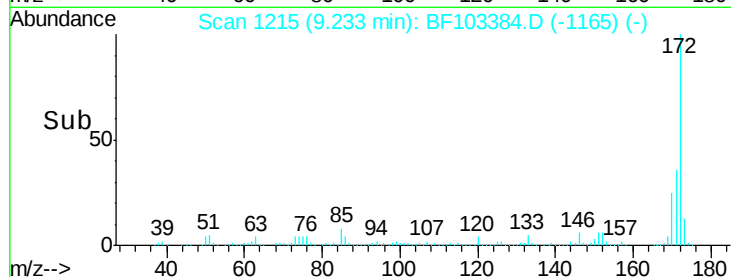
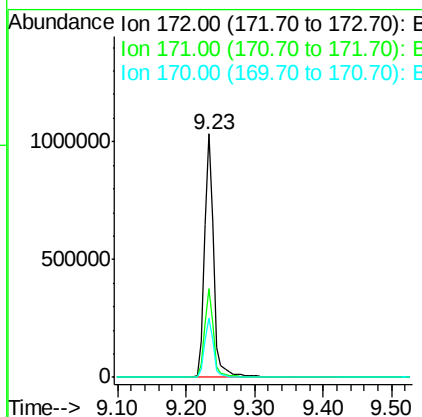
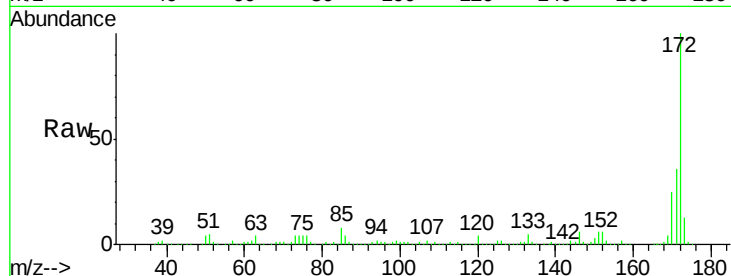
#44
2-Fluorobiphenyl
Concen: 76.532 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampled :
SP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

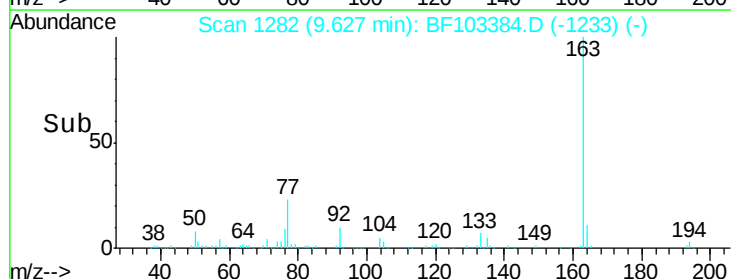
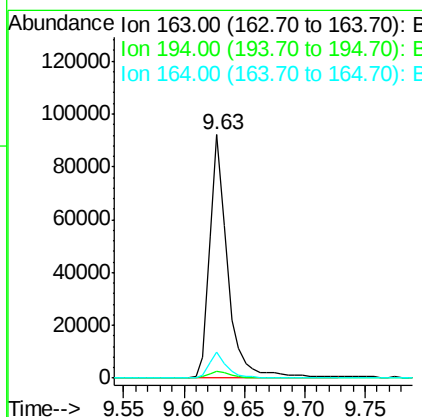
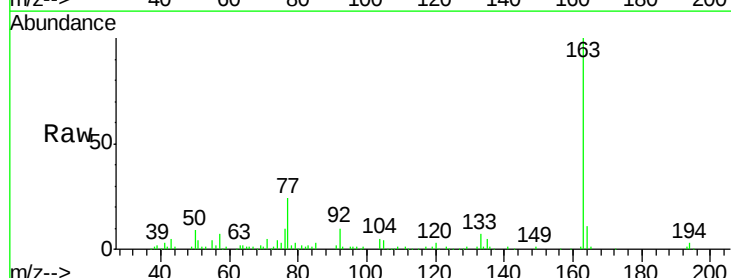
Manual Integrations
APPROVED

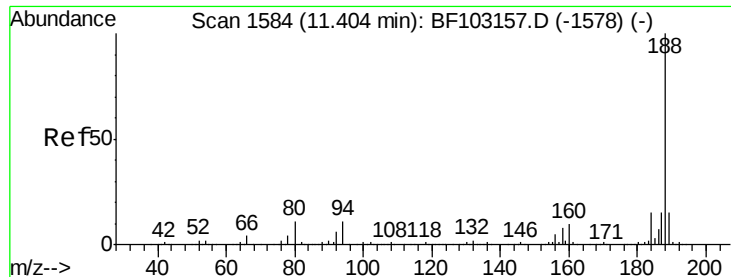
Sohil
3/5/2018 3:14:00 PM



#49
Dimethylphthalate
Concen: 5.344 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.5	8.2	12.2





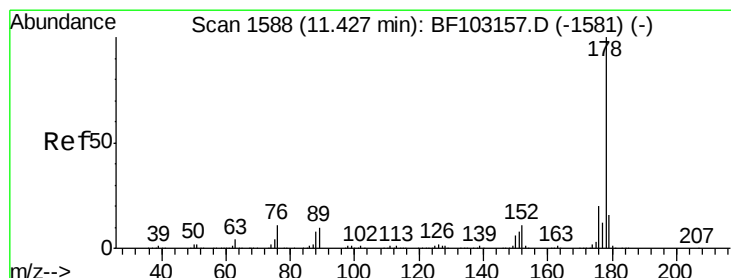
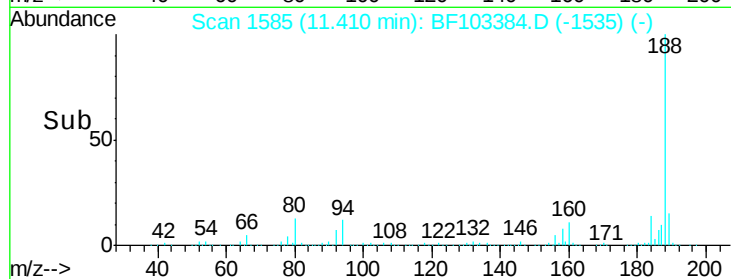
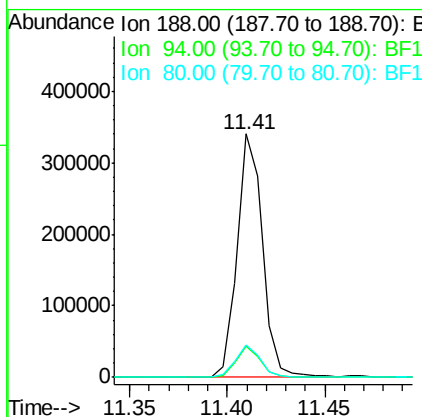
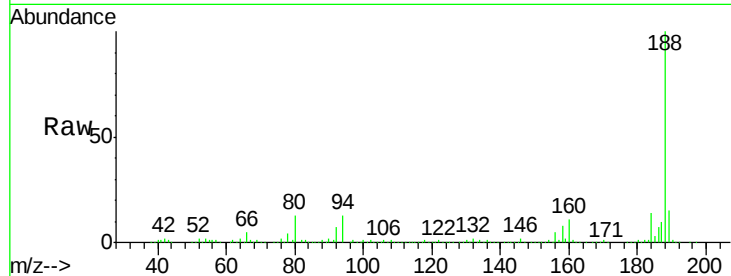
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampled :
SP-6

Tot Ion	Ratio	Resp	Lower	Upper
188	100	306292		
94	12.5		8.5	12.7
80	13.3		9.2	13.8

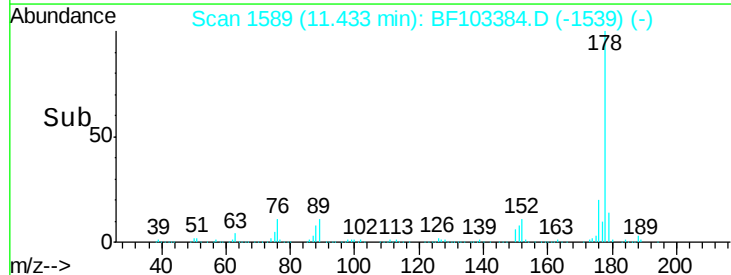
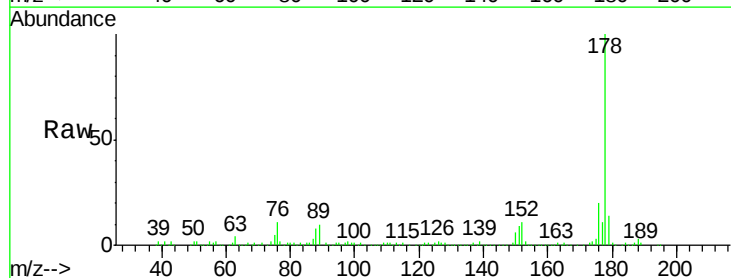
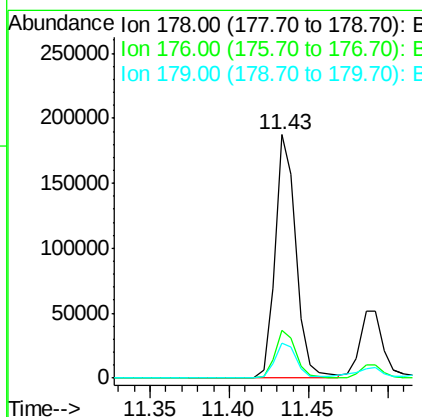
Manual Integrations
APPROVED

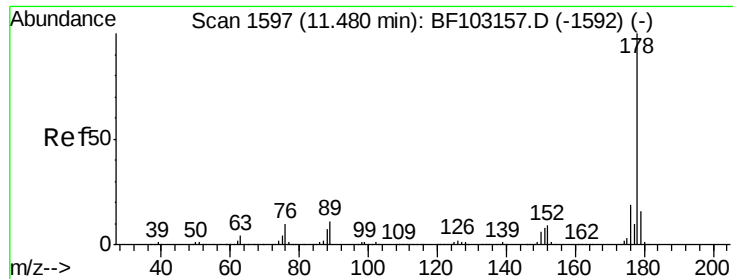
Sohil
3/5/2018 3:14:00 PM



#70
Phenanthrene
Concen: 10.208 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	172065		
176	19.9		15.8	23.8
179	14.5		13.0	19.6





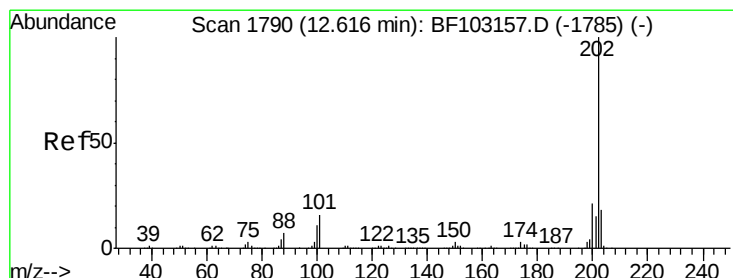
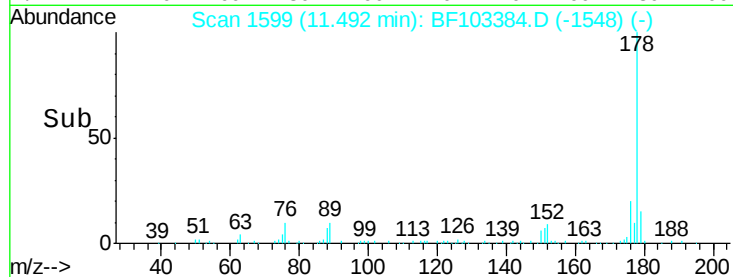
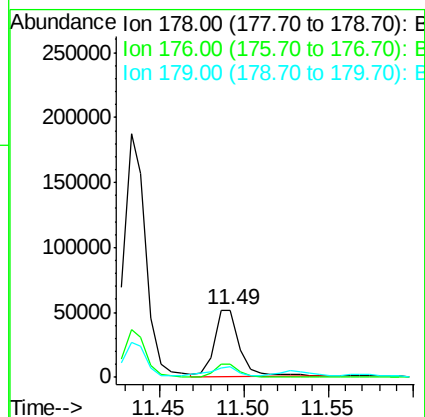
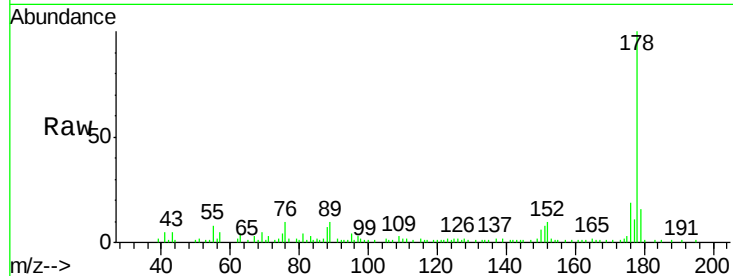
#71
 Anthracene
 Concen: 3.176 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Instrument :
 BNA_F
 ClientSampled :
 SP-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.2	12.6	19.0

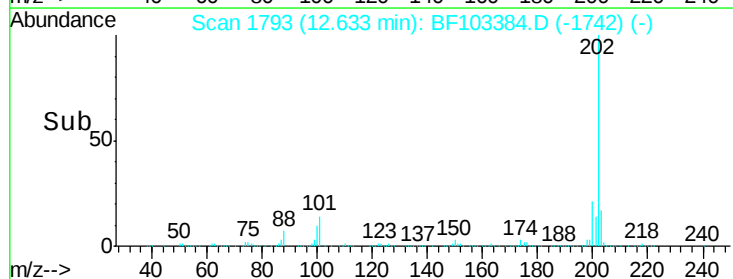
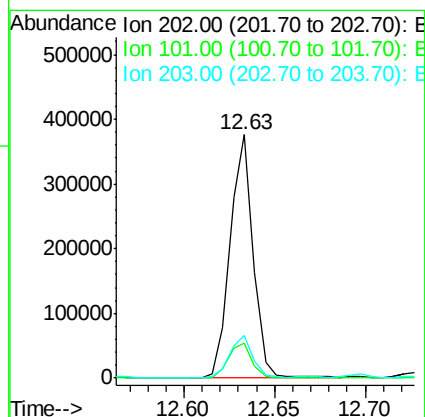
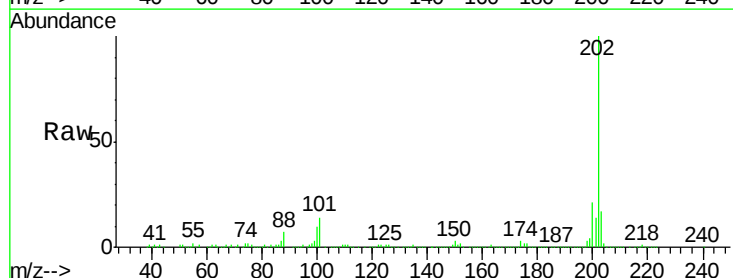
Manual Integrations
 APPROVED

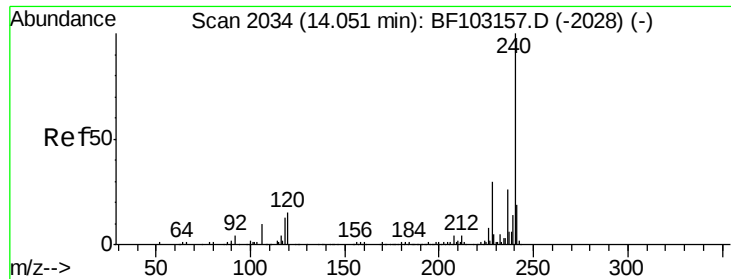
Sohil
 3/5/2018 3:14:00 PM



#74
 Fluoranthene
 Concen: 19.654 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.4	0.0	38.1





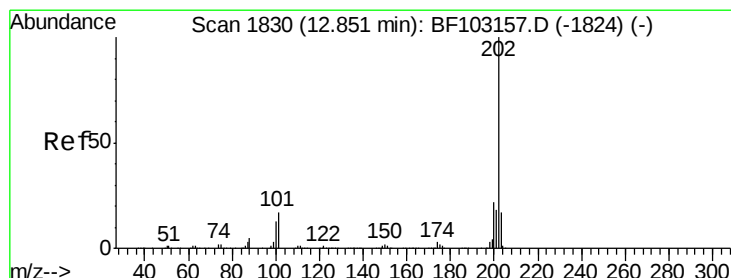
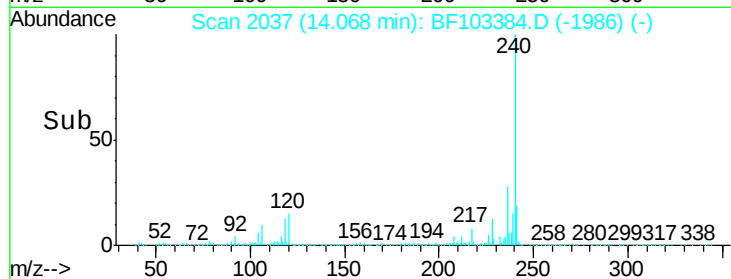
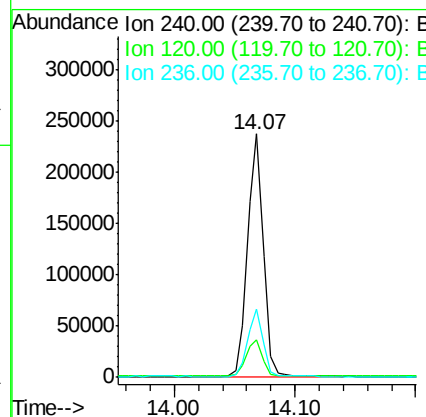
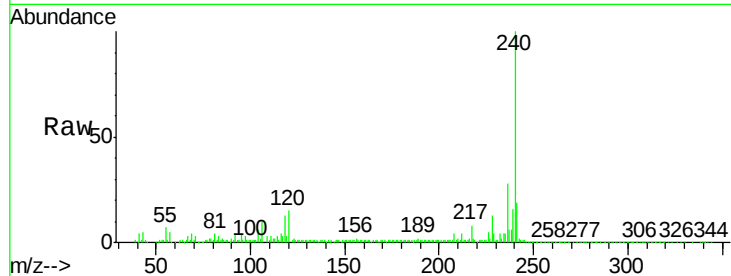
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :
SP-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	27.9	20.7	31.1

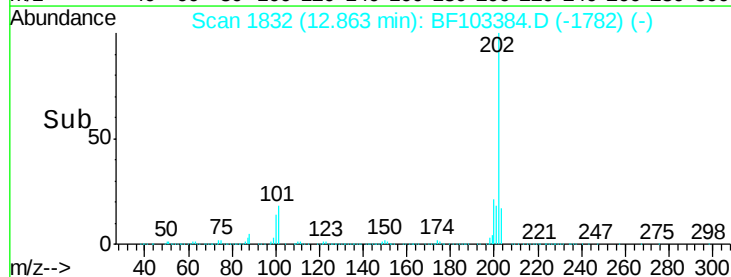
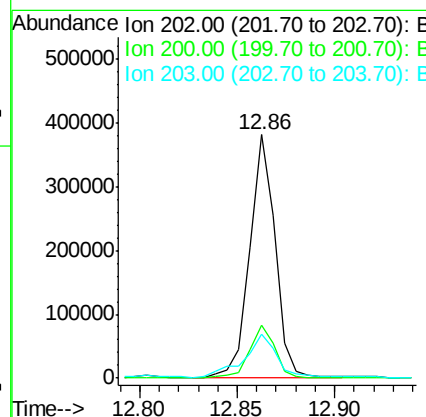
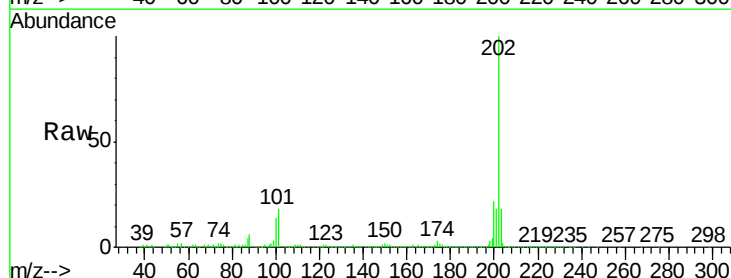
Manual Integrations
APPROVED

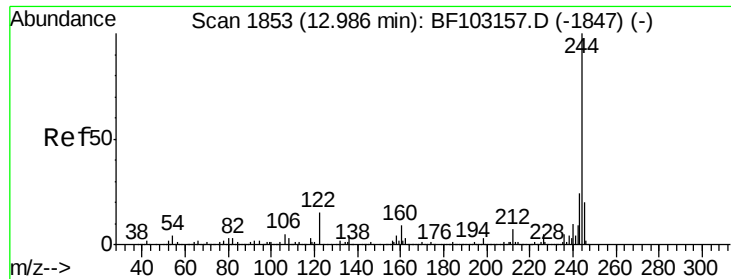
Sohil
3/5/2018 3:14:00 PM



#77
Pyrene
Concen: 20.149 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.9	14.3	21.5





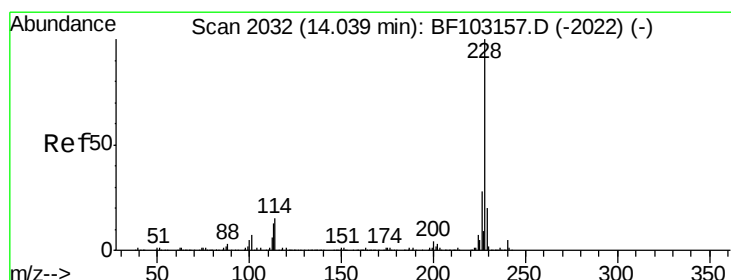
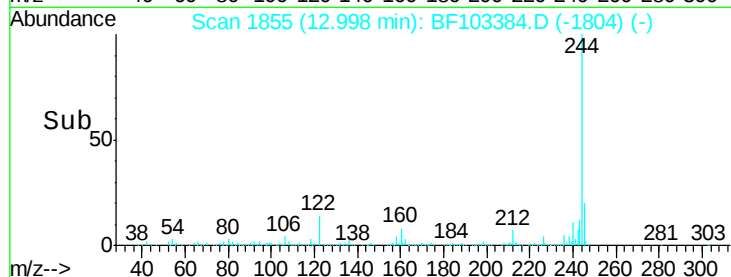
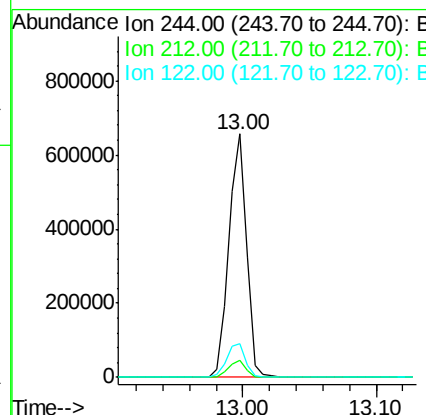
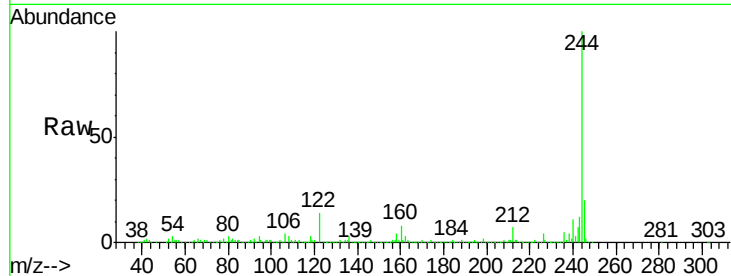
#78
 Terphenyl-d14
 Concen: 67.730 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Instrument :
 BNA_F
 ClientSampled :
 SP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4

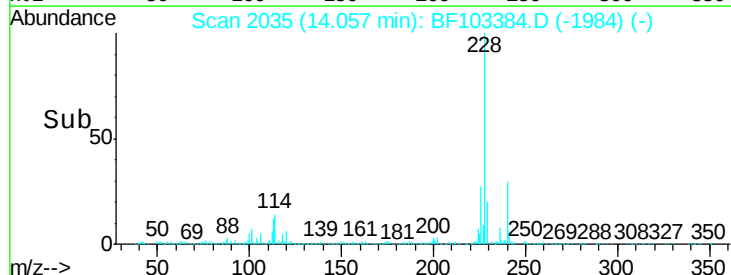
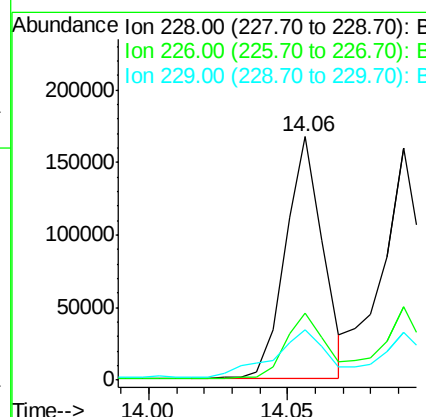
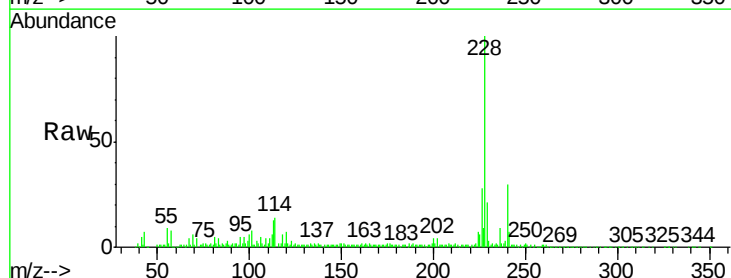
Manual Integrations
 APPROVED

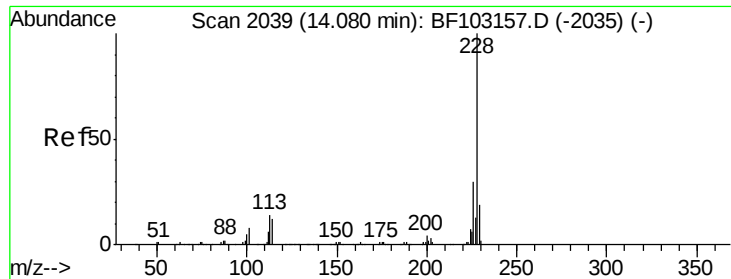
Sohil
 3/5/2018 3:14:00 PM



#80
 Benzo(a)anthracene
 Concen: 11.044 ng m
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.9	15.8	23.6





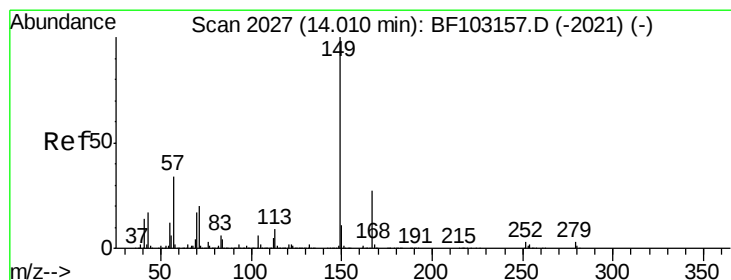
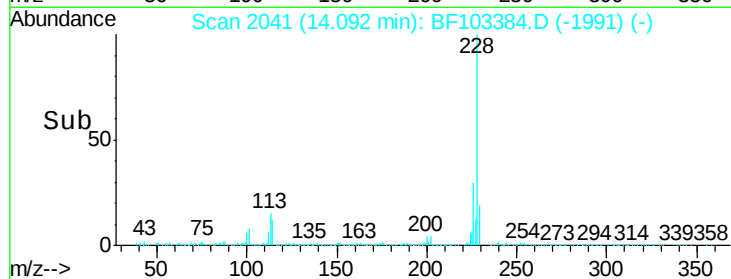
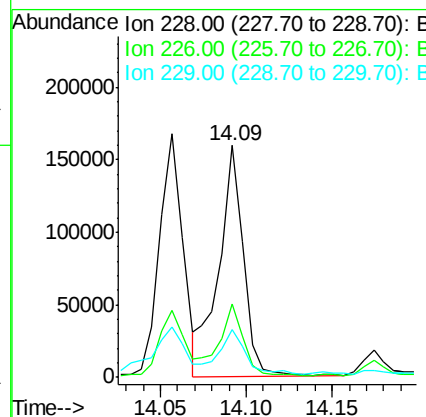
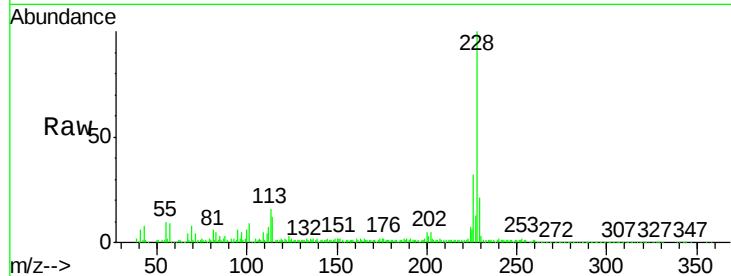
#82
Chrysene
Concen: 11.577 ng m
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampled :
SP-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.9	16.2	24.4

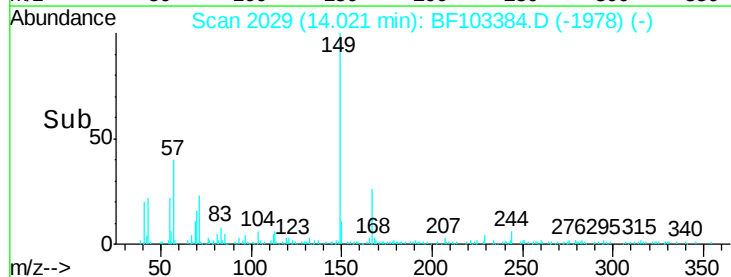
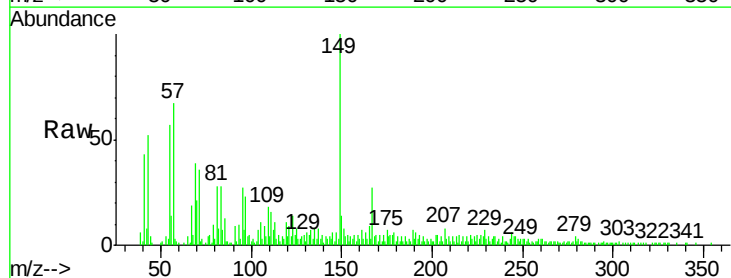
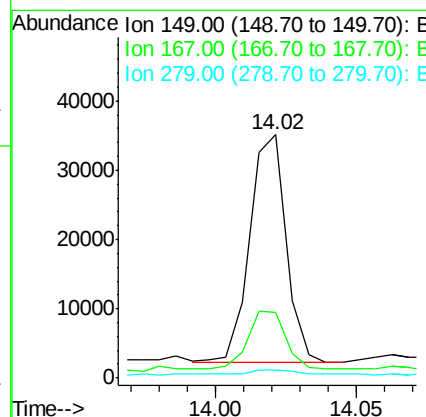
Manual Integrations
APPROVED

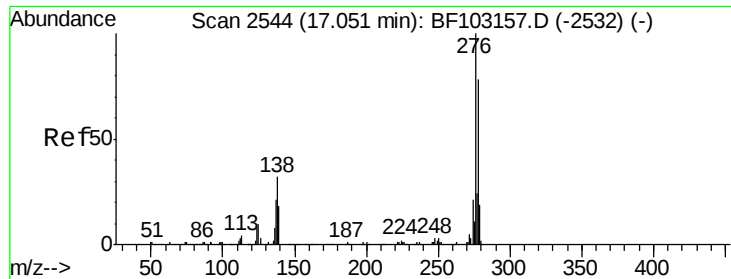
Sohil
3/5/2018 3:14:00 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.382 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.5	3.0	4.4





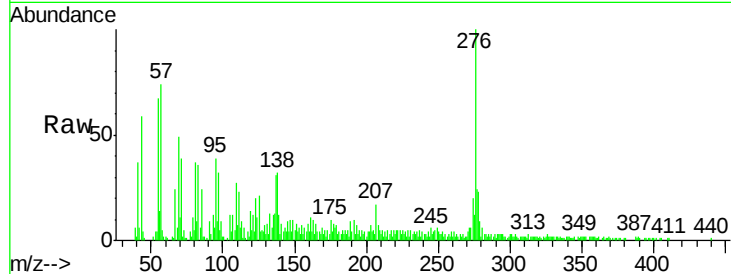
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.087 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.00 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	22.8	20.1	30.1

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:14:00 PM

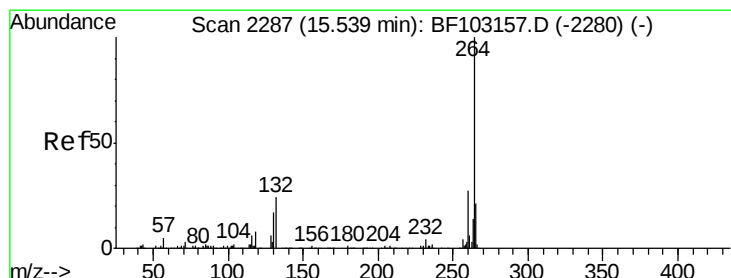
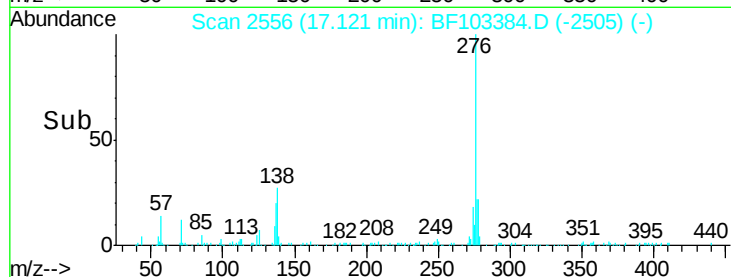
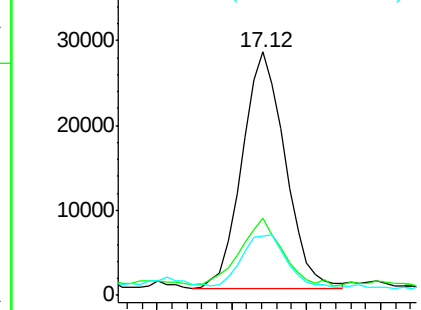


Abundance

Ion 276.00 (275.70 to 276.70): E

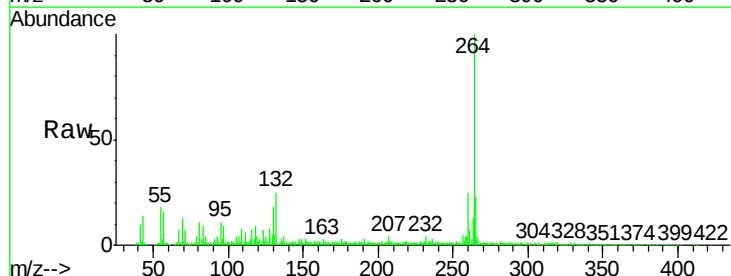
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF103384.D
 Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.3	17.5	26.3

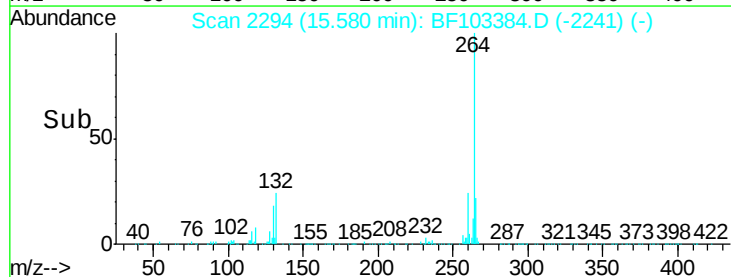
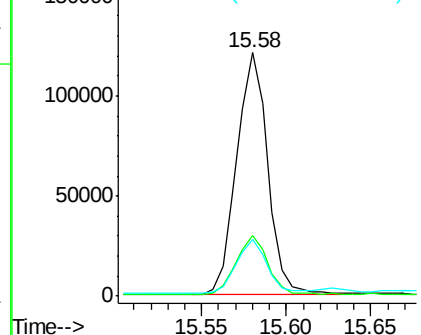


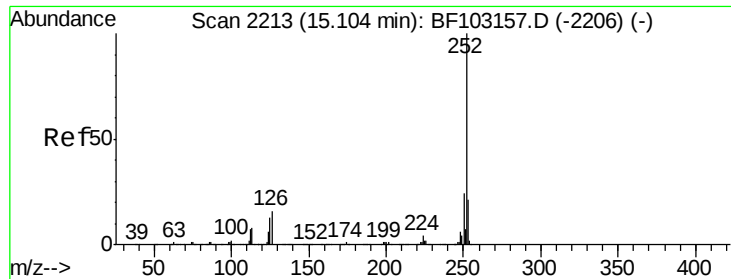
Abundance

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: 14.881 ng m

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF103384.D

Acq: 2 Mar 2018 23:41

Instrument :

BNA_F

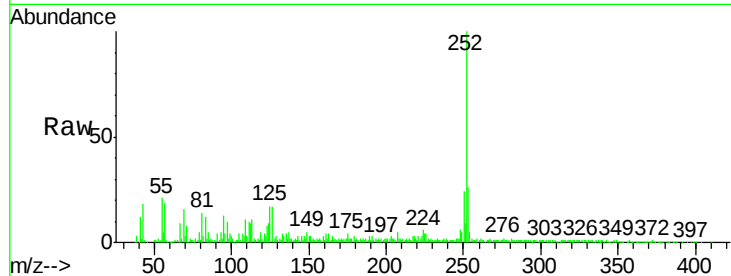
ClientSampleId :

SP-6

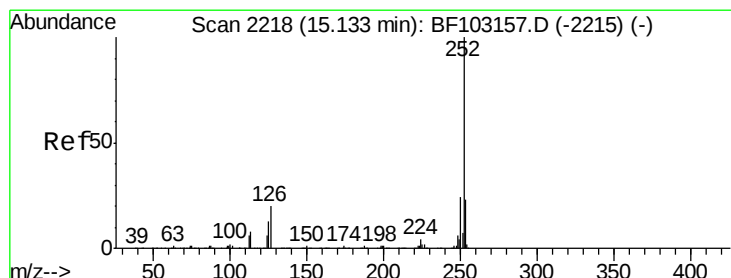
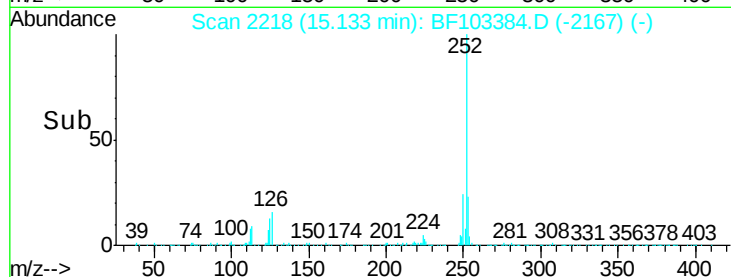
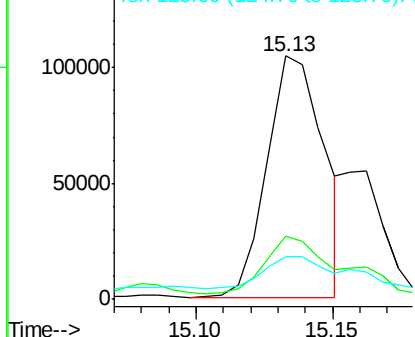
Tot Ion:	252	Resp:	152033
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.0	25.6#
125	17.3	9.0	13.6#

Manual Integrations
APPROVED

Sohil
3/5/2018 3:14:00 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



#88

Benzo(k)fluoranthene

Concen: 5.978 ng m

RT: 15.16 min Scan# 2223

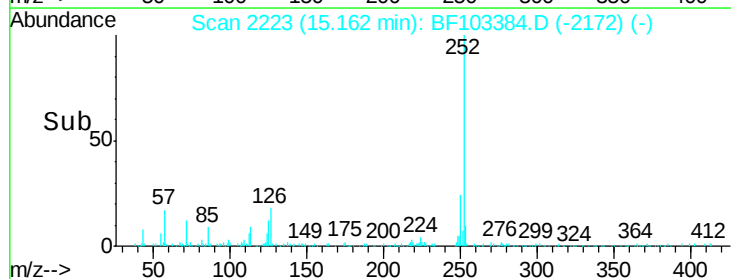
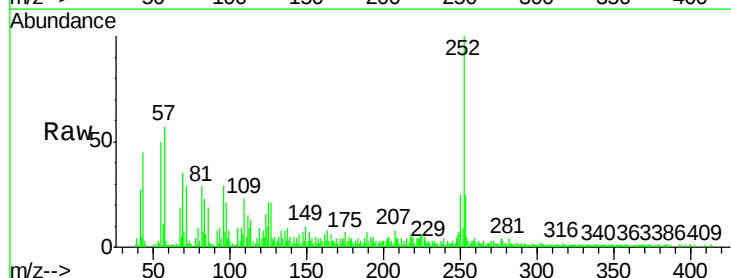
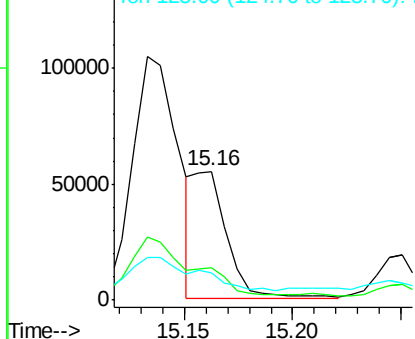
Delta R.T. -0.00 min

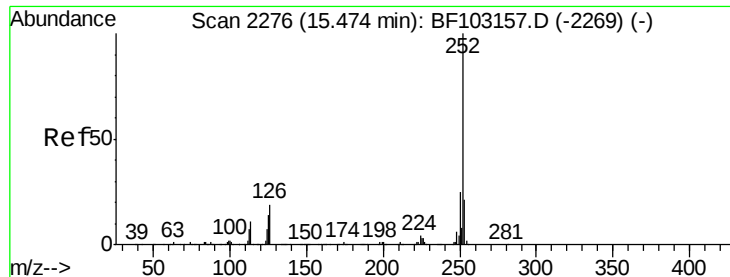
Lab File: BF103384.D

Acq: 2 Mar 2018 23:41

Tgt Ion:	252	Resp:	57511
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.9	26.9
125	21.2	10.2	15.2#

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





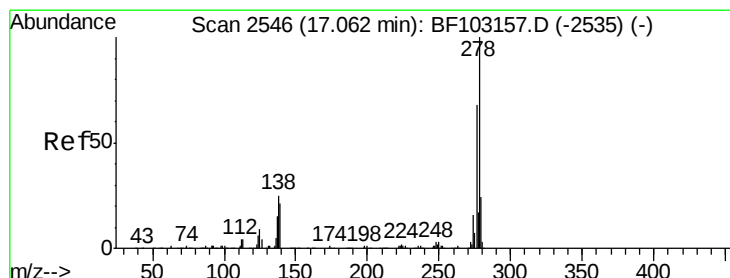
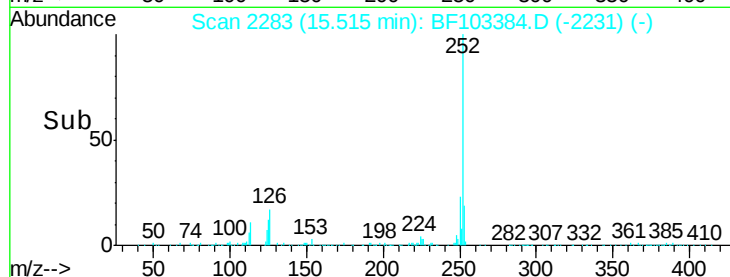
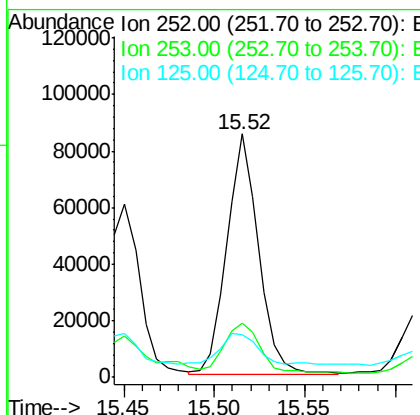
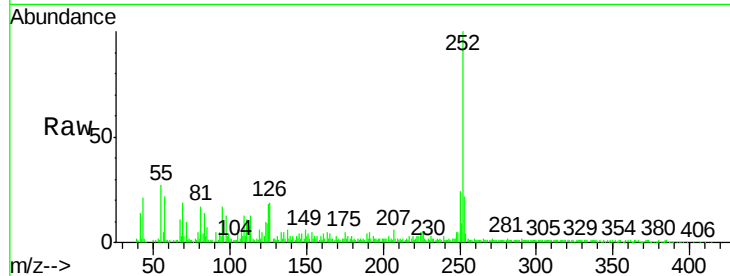
#89
Benzo(a)pyrene
Concen: 11.346 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampled :
SP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	17.7	9.8	14.6

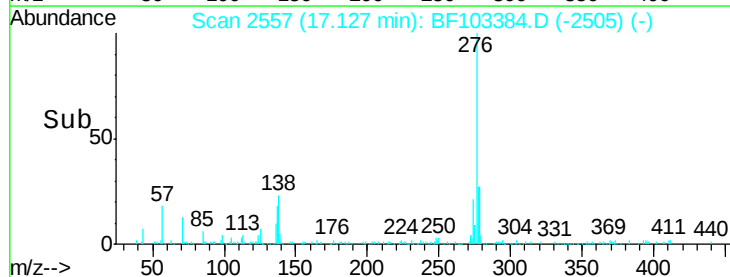
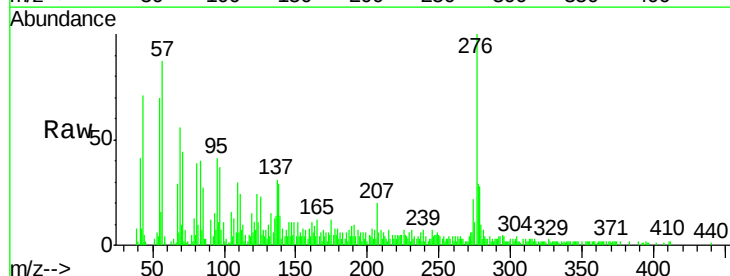
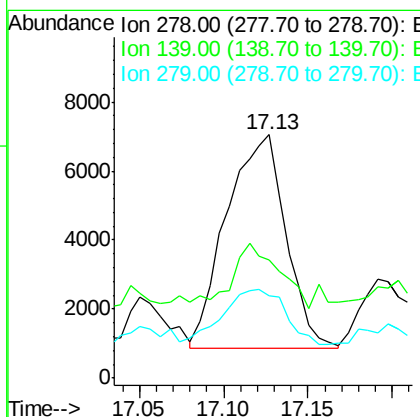
Manual Integrations
APPROVED

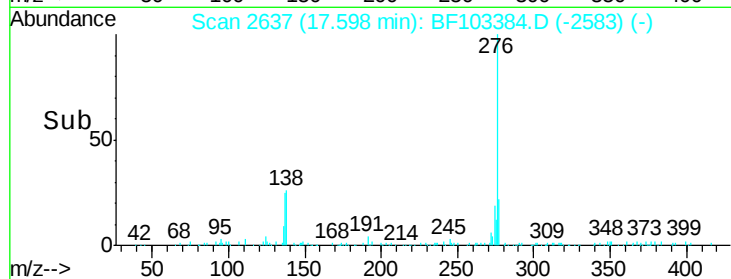
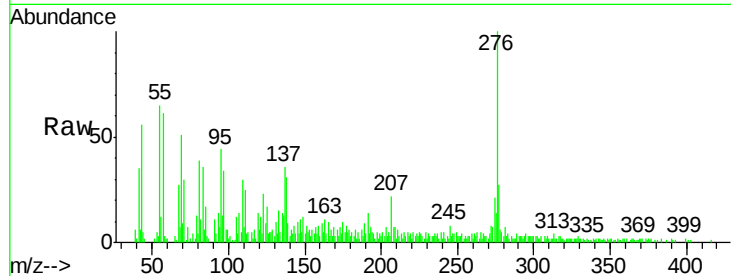
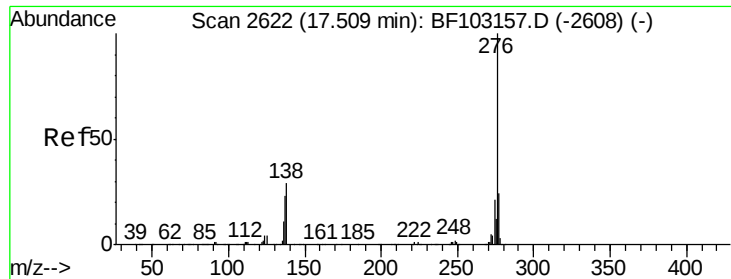
Sohil
3/5/2018 3:14:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.162 ng m
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	48.4	15.9	23.9
279	33.8	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 7.934 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.02 min
Lab File: BF103384.D
Acq: 2 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :
SP-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	31.0	21.8	32.8

Manual Integrations
APPROVED

Sohil
3/5/2018 3:14:00 PM

