Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103556.D
Acq On : 9 Mar 2018 14:52
Operator : SJ/JU
Sample : J1755-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
Sohil
3/12/2018 3:50:11 PM

Quant Time: Mar 09 16:26:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135595	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	564673	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	236043	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	351209	20.00	ng		0.00
75) Chrysene-d12	14.06	240	227564	20.00	ng		0.00
86) Perylene-d12	15.57	264	201981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	994099	110.88	ng		0.00
7) Phenol-d6	6.50	99	1237485	112.80	ng		0.00
23) Nitrobenzene-d5	7.43	82	804691	81.38	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	160155	80.16	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	984649	68.59	ng		0.00
78) Terphenyl-d14	12.98	244	616754	65.15	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	9.77	152	60059	2.495	ng		98
70) Phenanthrene	11.43	178	82302	4.258	ng		99
73) Di-n-butylphthalate	11.94	149	335799	13.597	ng		99
74) Fluoranthene	12.62	202	100065	5.152	ng		98
77) Pyrene	12.85	202	146674	8.267	ng		98
80) Benzo(a)anthracene	14.04	228	55752m	3.776	ng		
82) Chrysene	14.09	228	61592	4.296	ng		95
87) Benzo(b)fluoranthene	15.13	252	42896m	3.230	ng		
89) Benzo(a)pyrene	15.51	252	42548	3.588	ng	#	90
91) Benzo(g,h,i)perylene	17.60	276	26176	2.923	ng	#	89

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103556.D
Acq On : 9 Mar 2018 14:52
Operator : SJ/JU
Sample : J1755-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 16:26:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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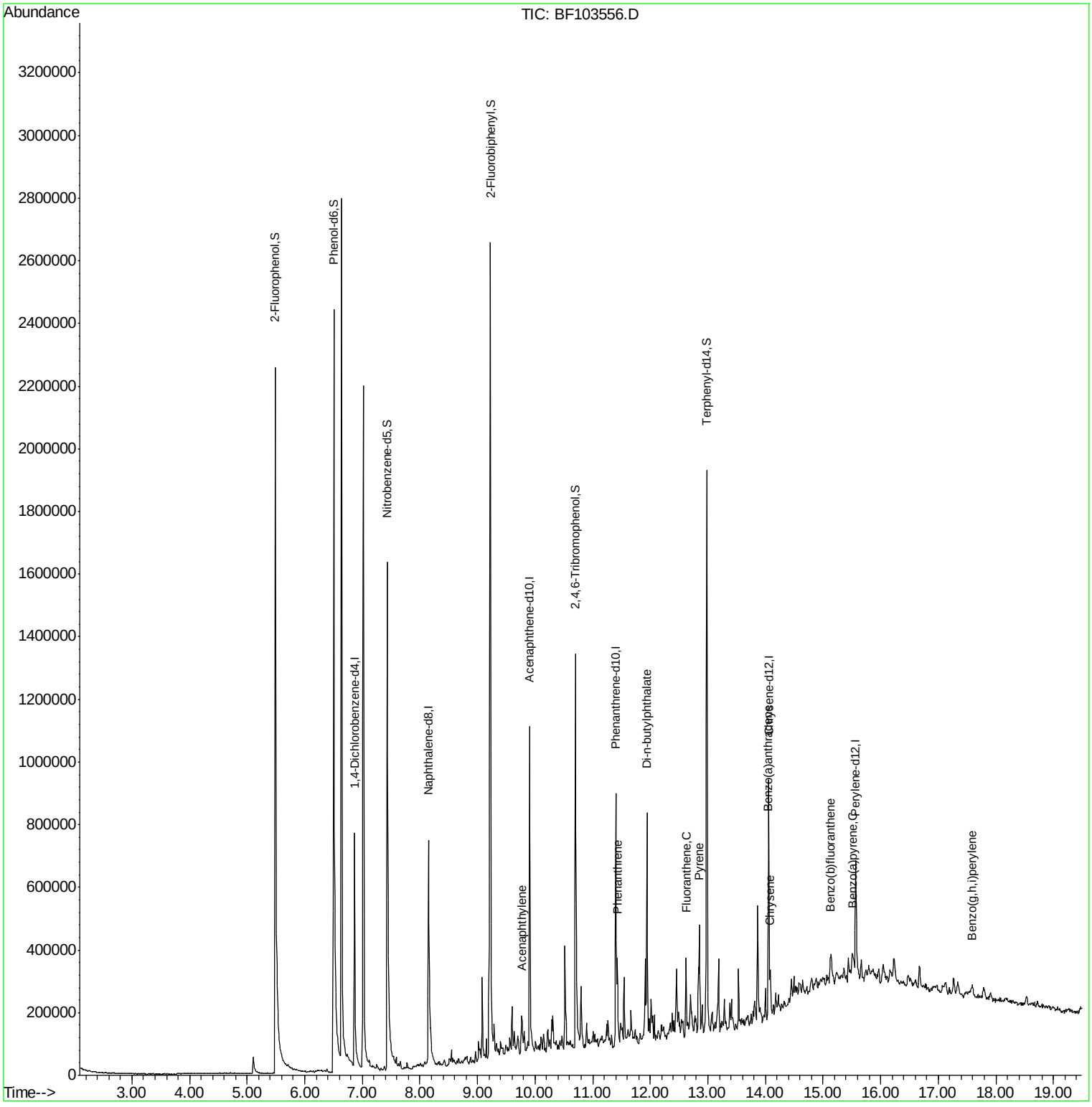
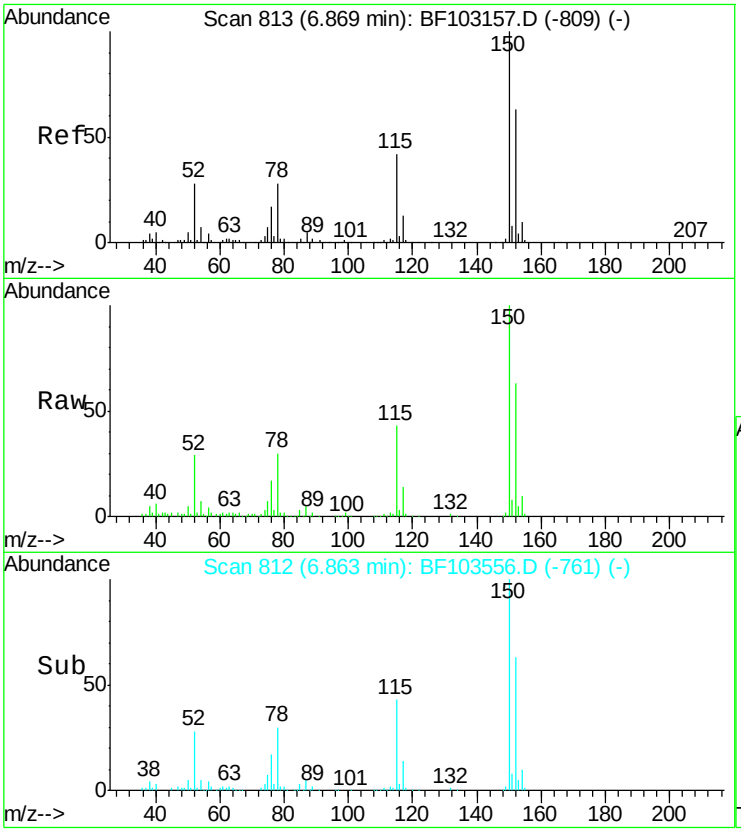
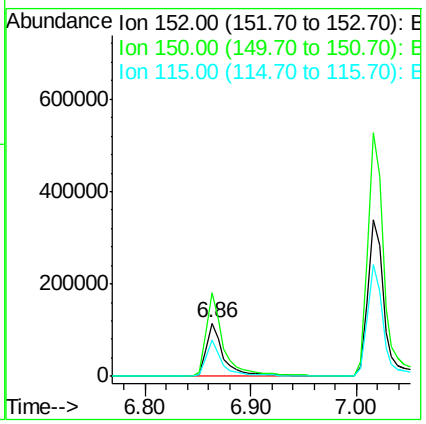




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:152 Resp: 135595

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	67.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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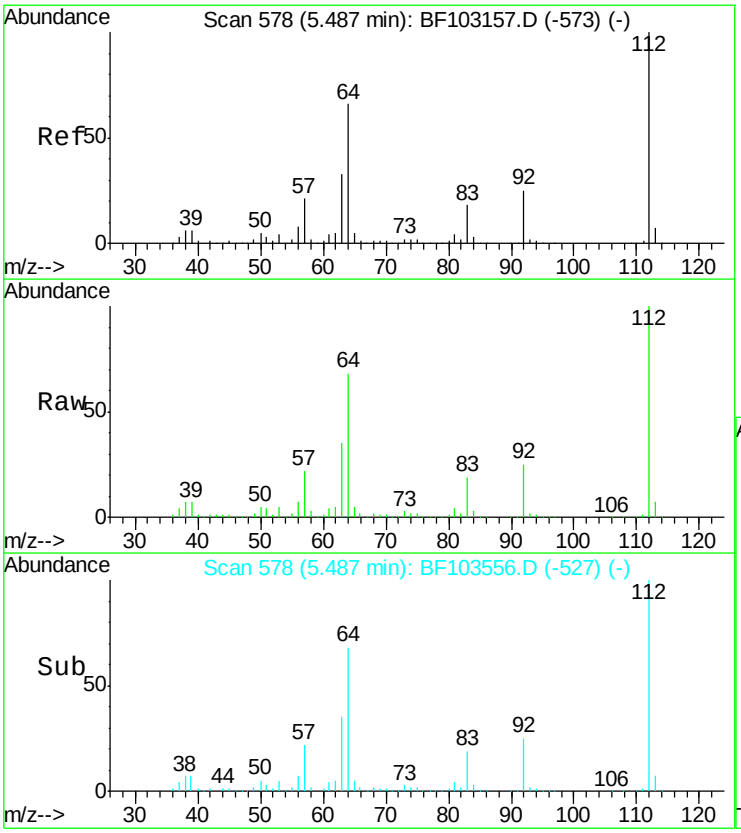
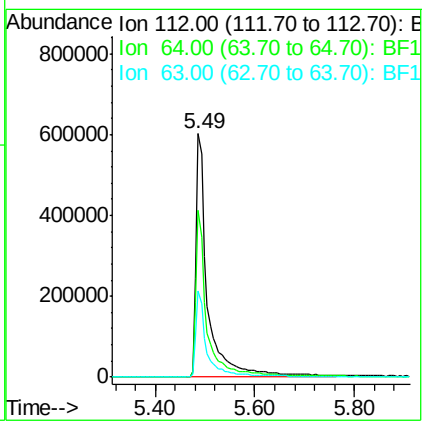
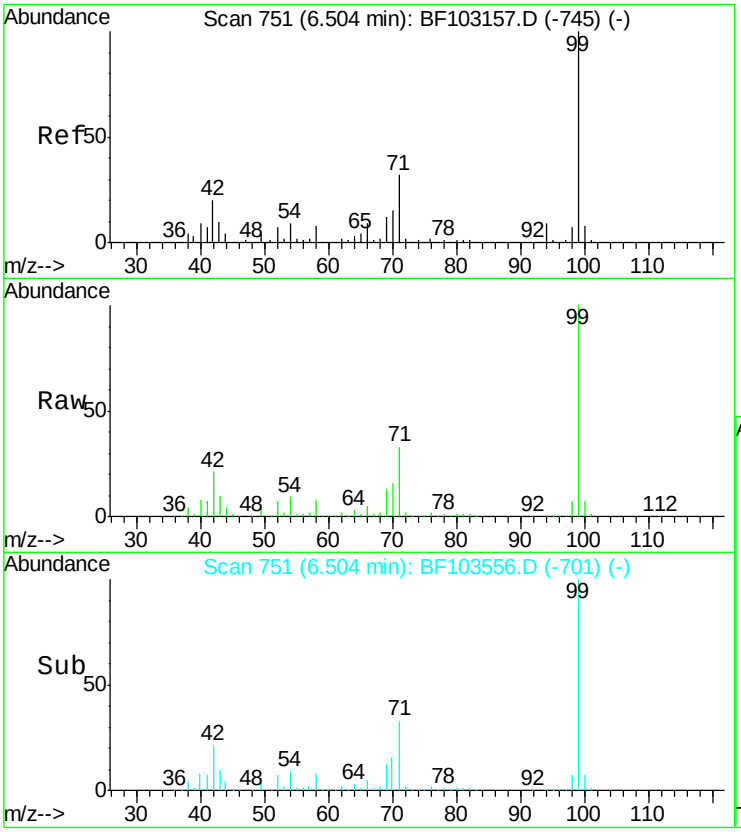


#5
2-Fluorophenol
Concen: 110.882 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:112 Resp: 994099

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	35.3	23.7	35.5

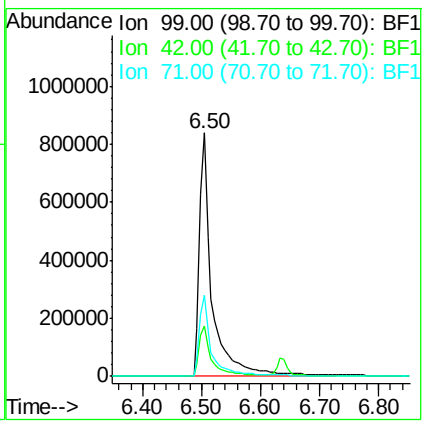




#7
Phenol-d6
Concen: 112.801 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion: 99 Resp: 1237485

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.1	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

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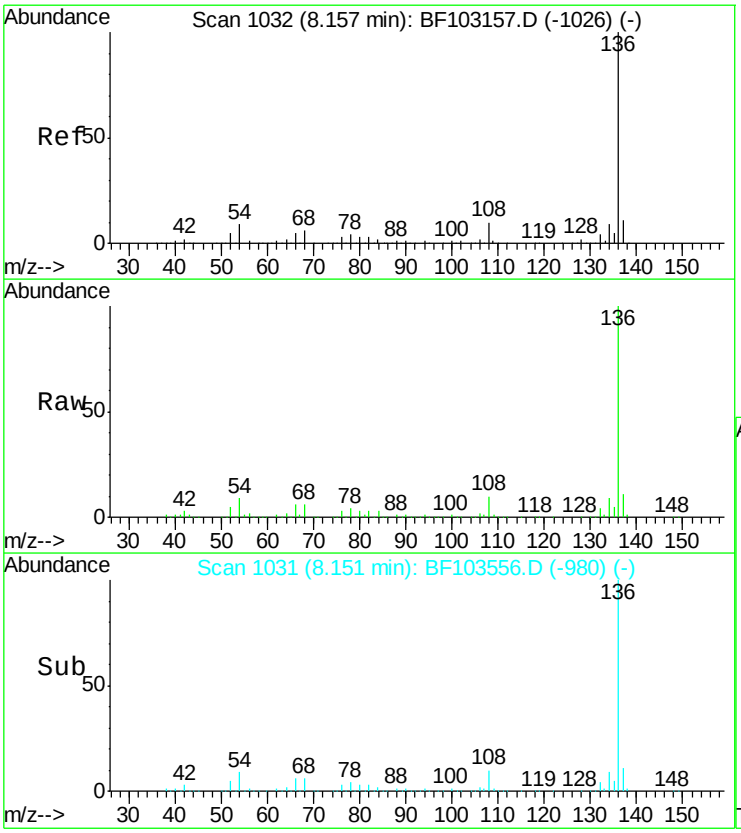
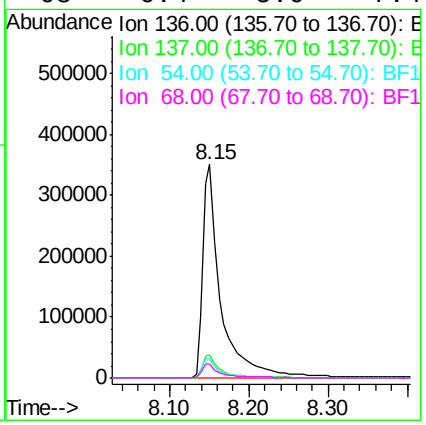
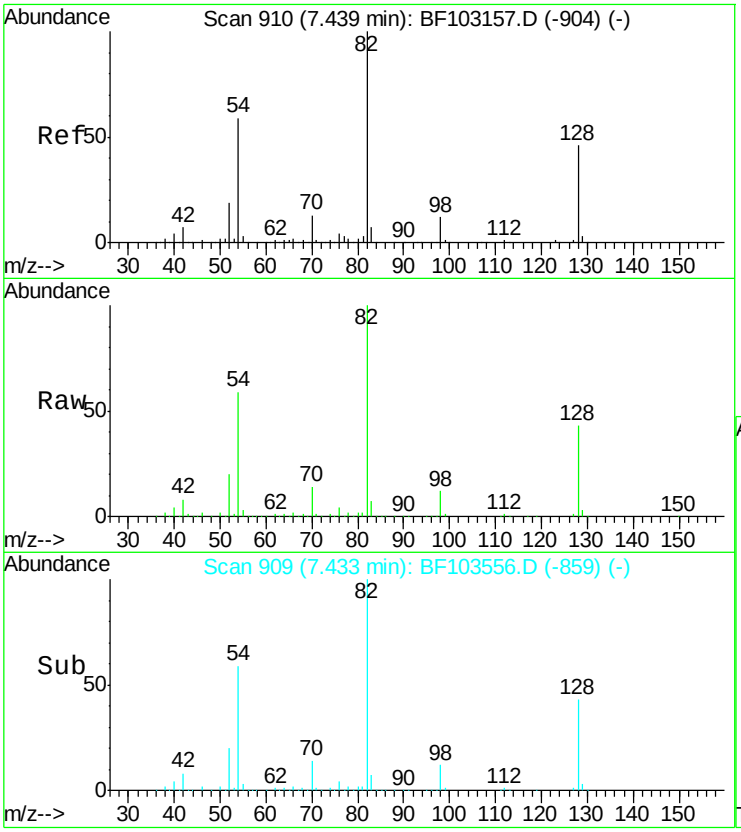


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:136 Resp: 564673

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.4	5.0	7.4

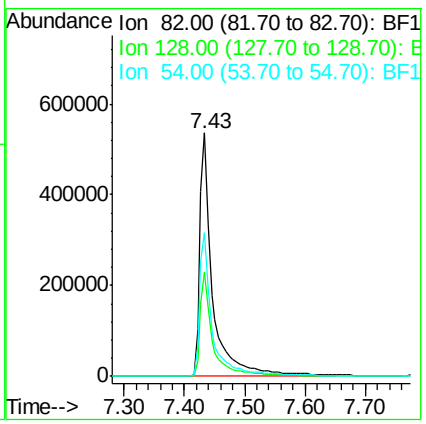




#23
Nitrobenzene-d5
Concen: 81.383 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion: 82 Resp: 804691

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	59.3	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

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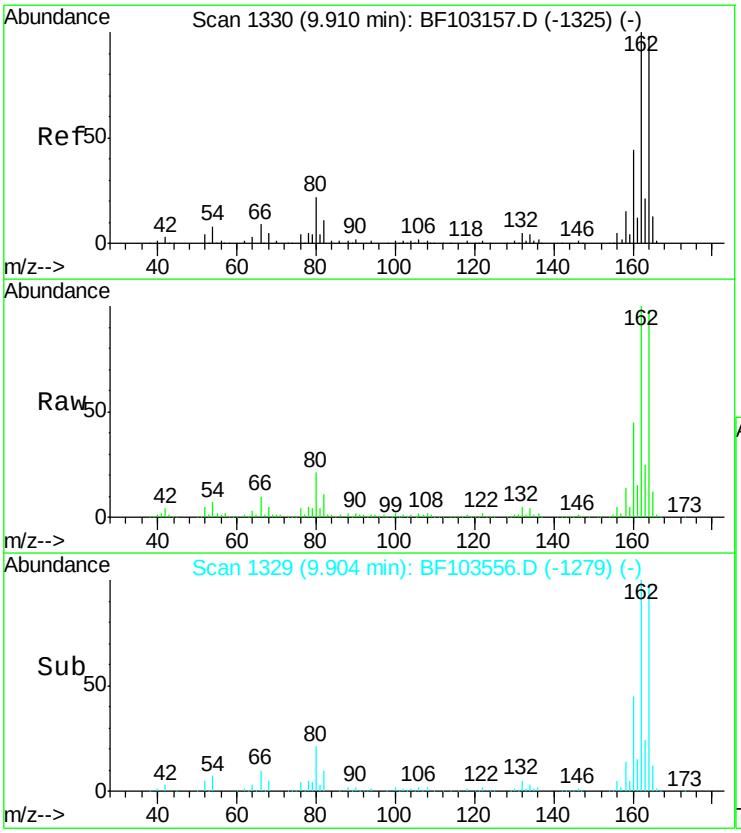
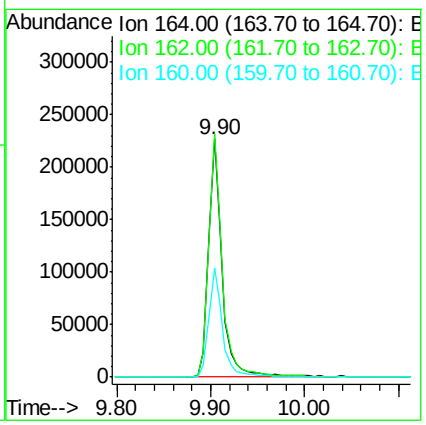
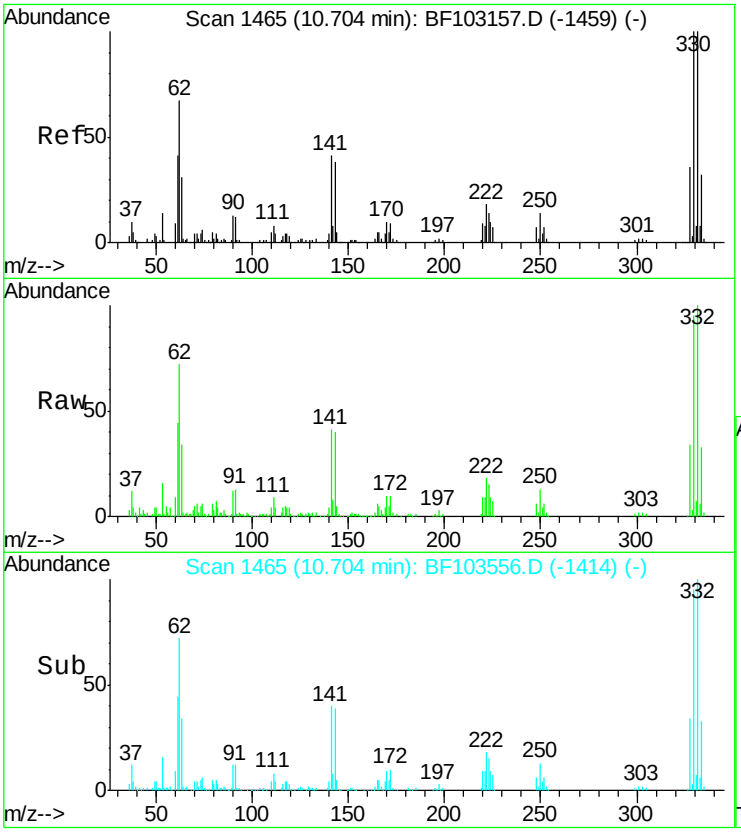


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:164 Resp: 236043

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.7	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 80.159 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:330 Resp: 160155

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	49.4	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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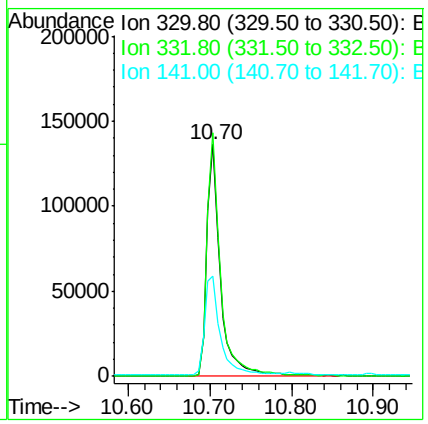
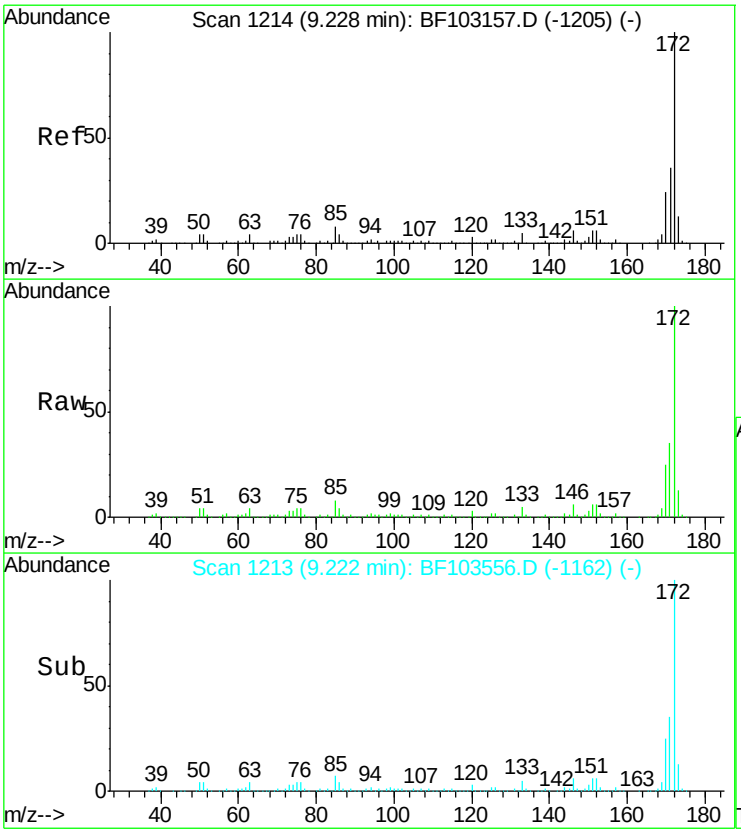
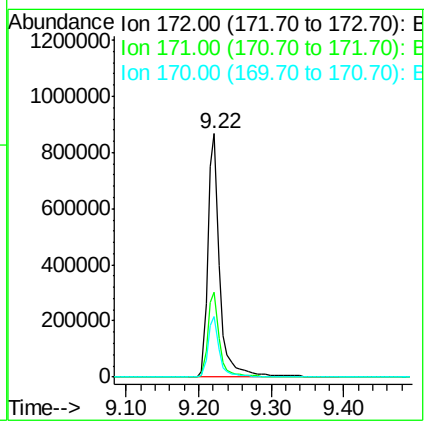


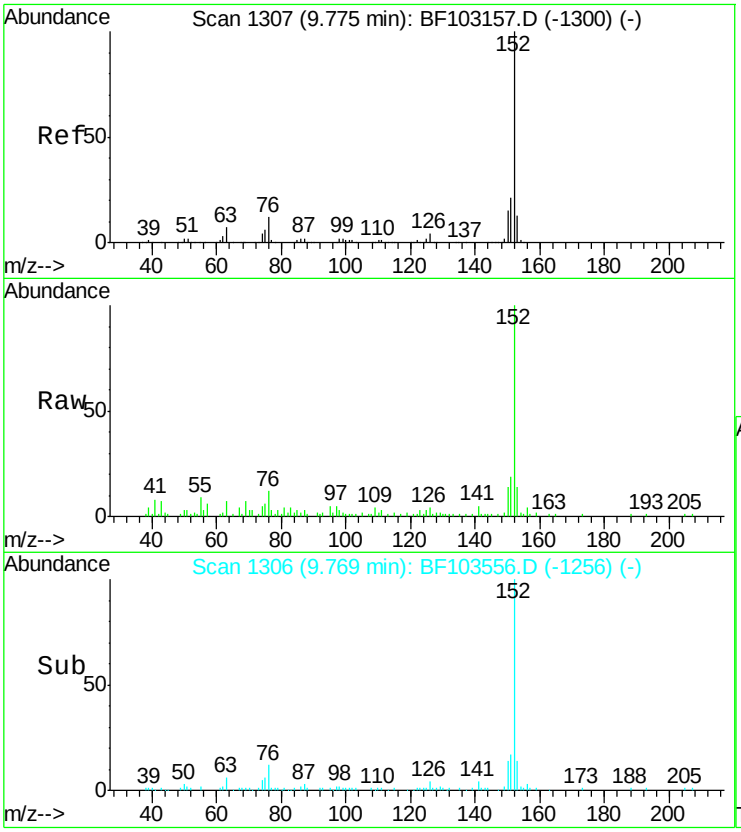


#44
2-Fluorobiphenyl
Concen: 68.591 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:172 Resp: 984649

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	25.1	19.6	29.4

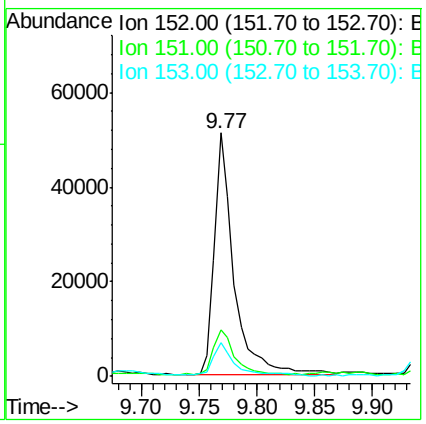




#48
Acenaphthylene
Concen: 2.495 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:152 Resp: 60059

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.6	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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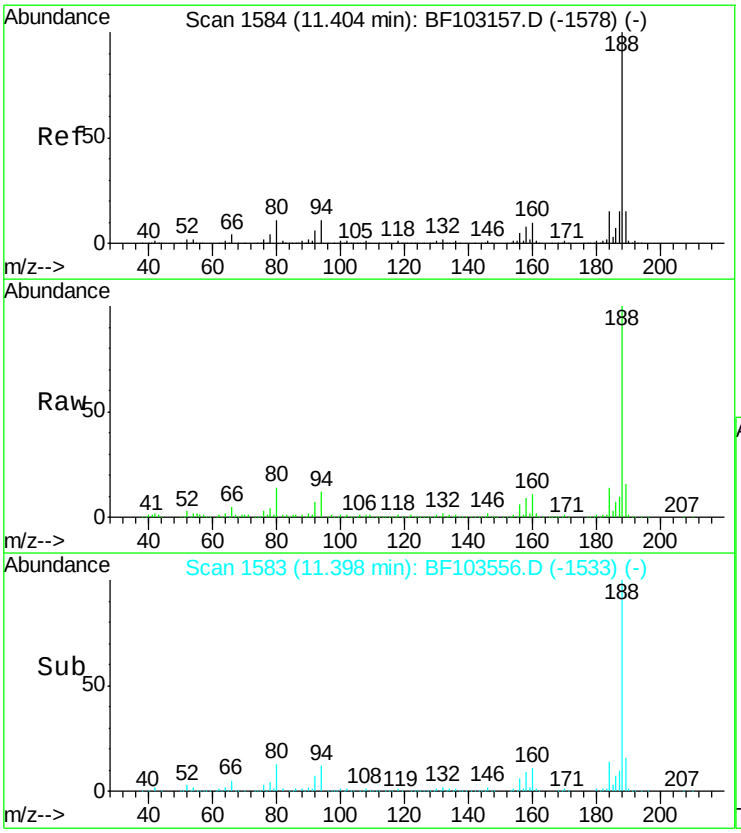
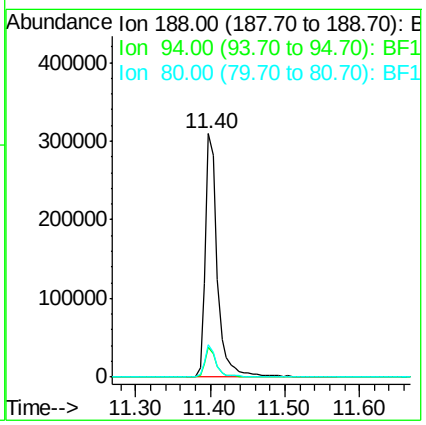
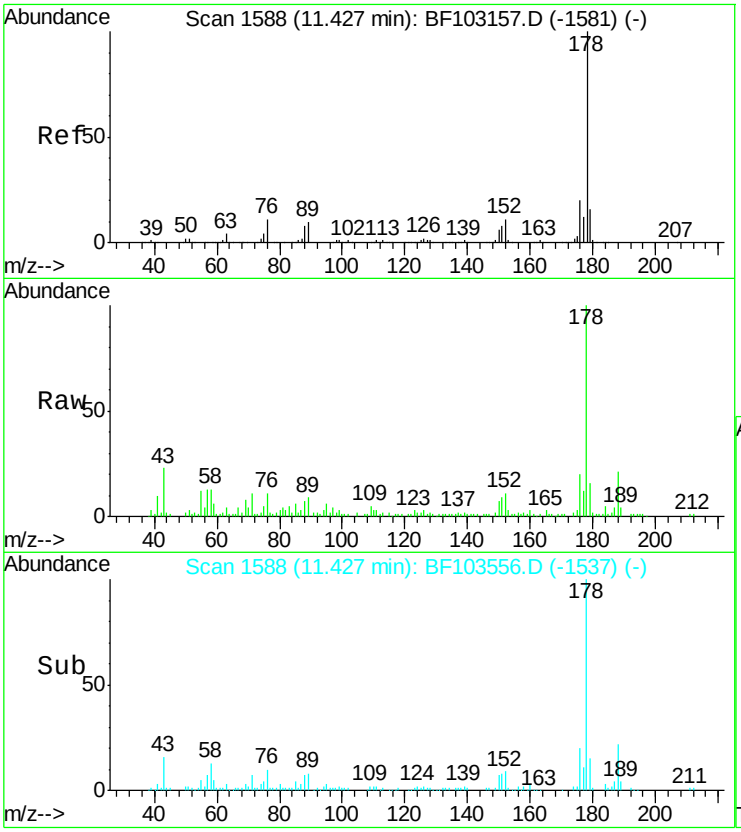


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:188 Resp: 351209

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.6	9.2	13.8

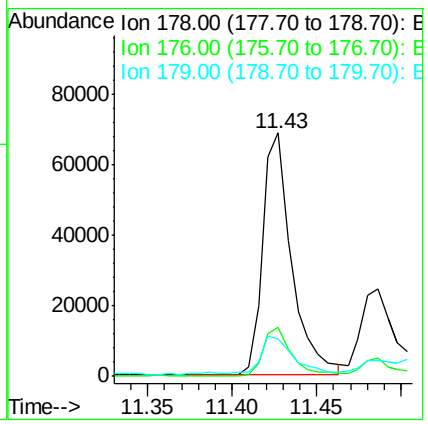




#70
Phenanthrene
Concen: 4.258 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:178 Resp: 82302

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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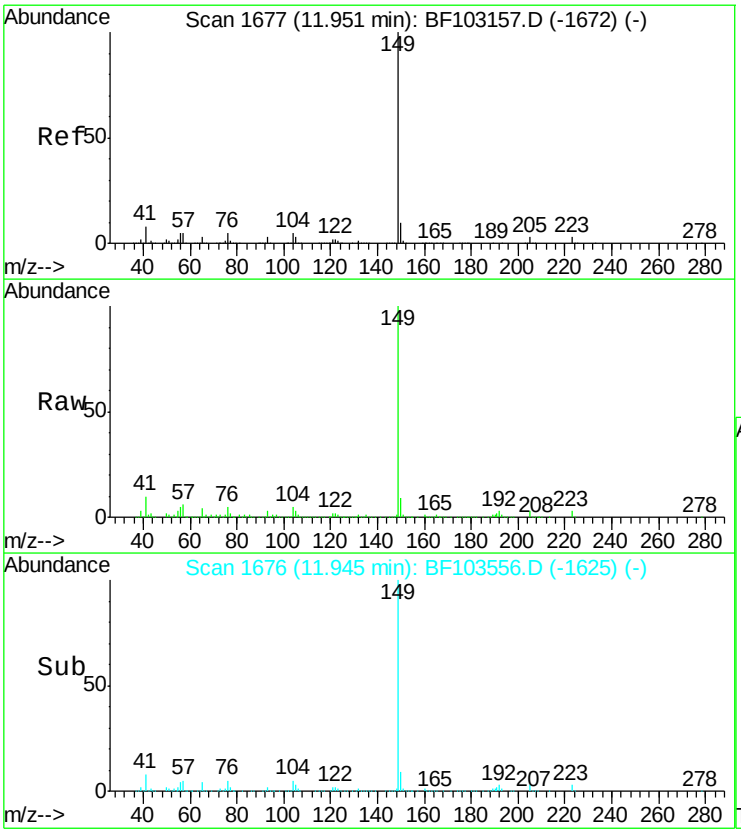
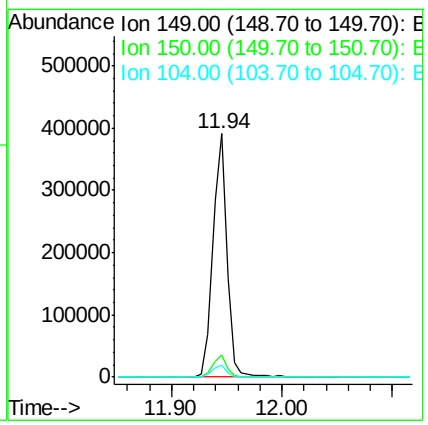
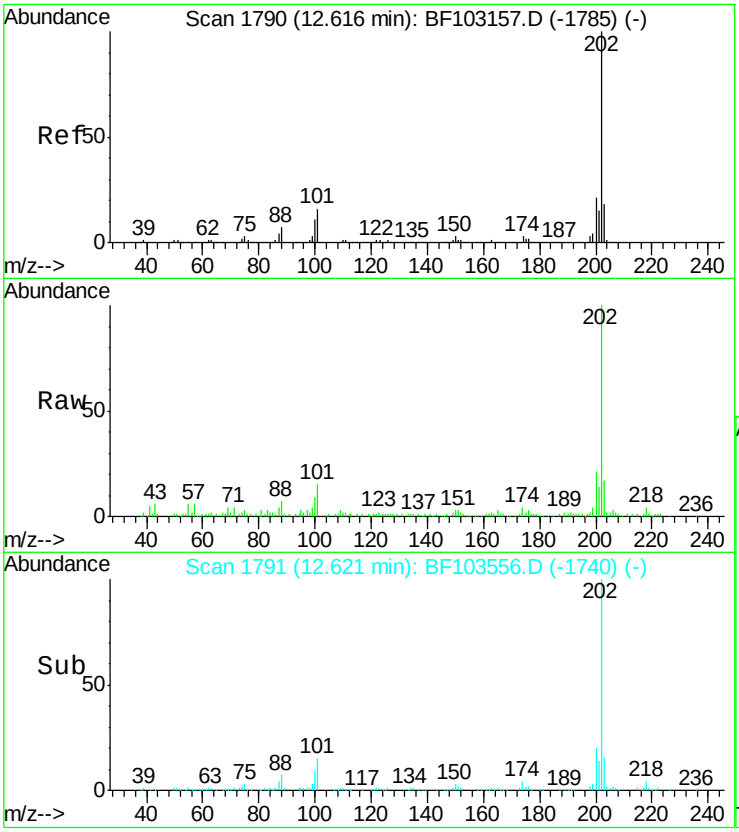


#73
Di-n-butylphthalate
Concen: 13.597 ng
RT: 11.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:149 Resp: 335799

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.8	3.8	5.8

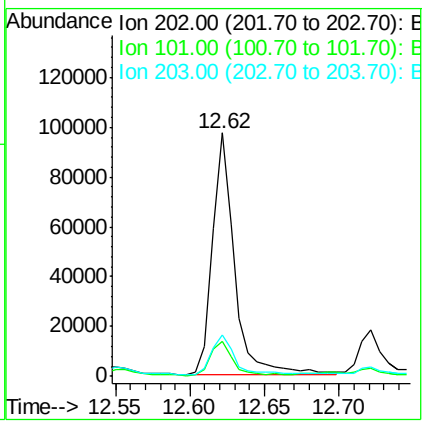




#74
Fluoranthene
Concen: 5.152 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:202 Resp: 100065

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	16.9	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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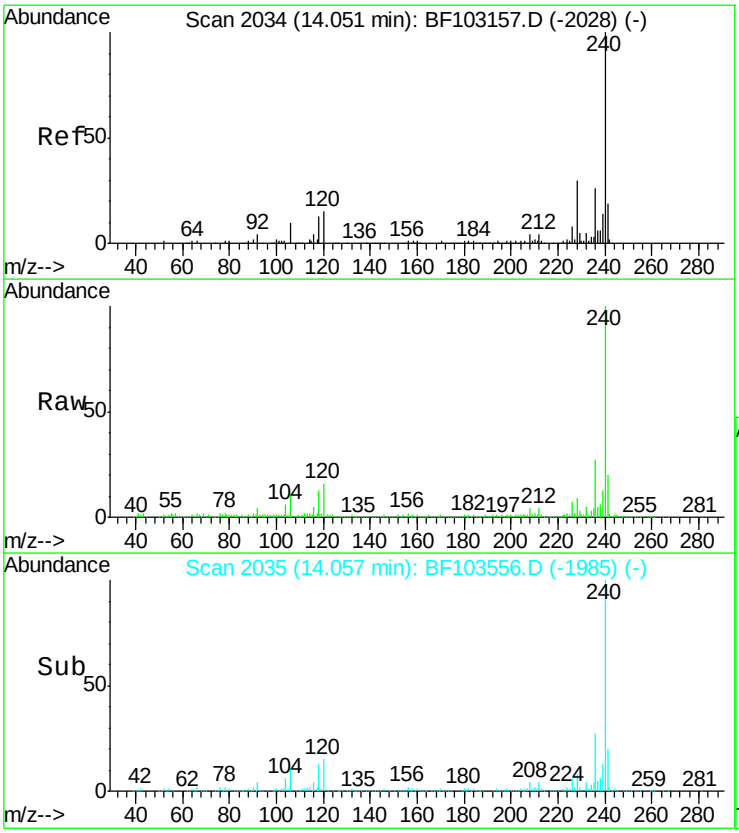
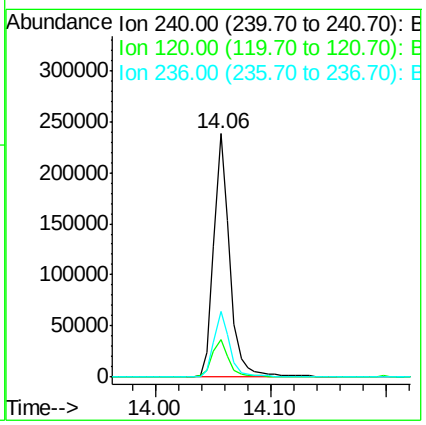
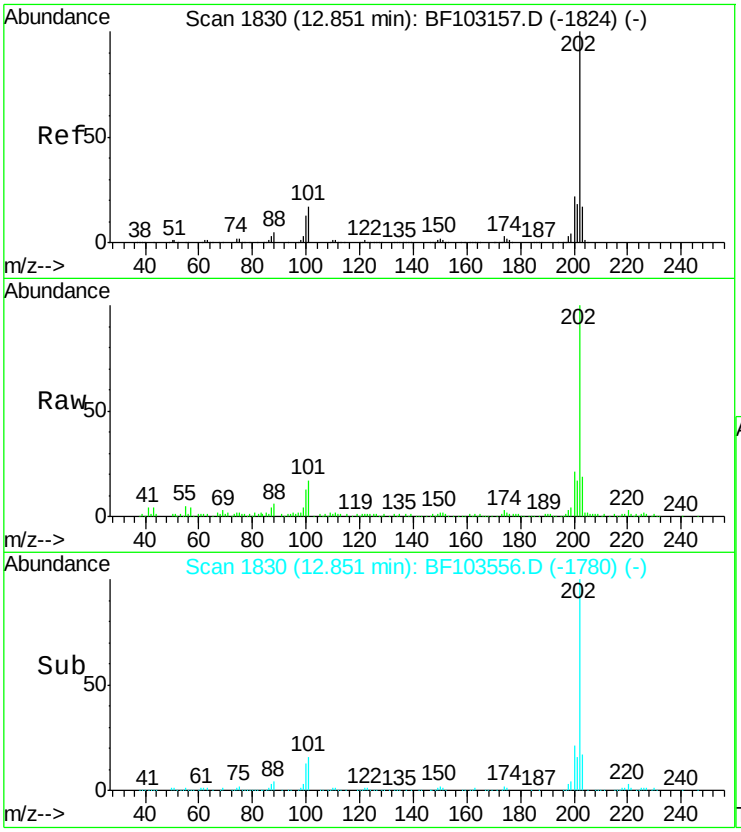


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:240 Resp: 227564

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	27.1	20.7	31.1

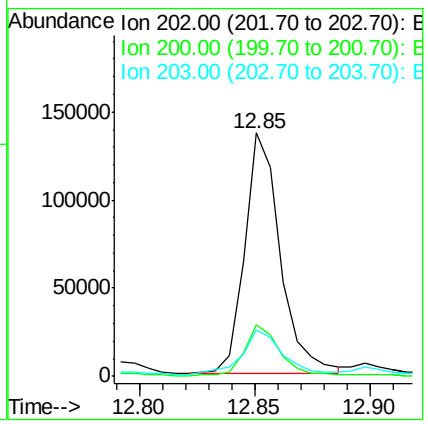




#77
Pyrene
Concen: 8.267 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:202 Resp: 146674

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.9	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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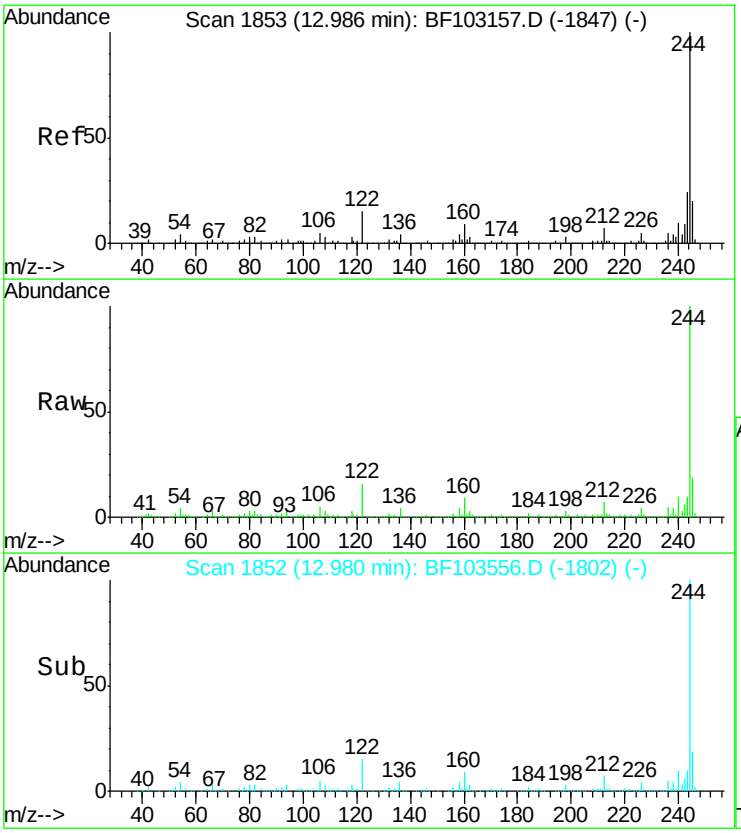
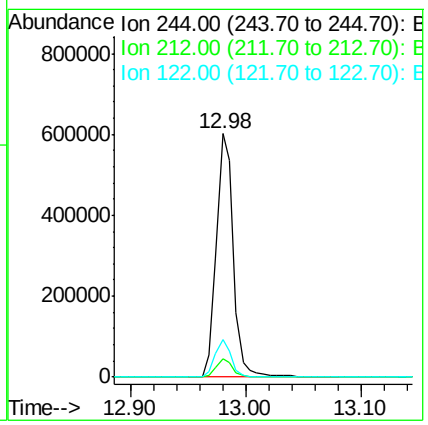
3/12/2018 3:50:11 PM

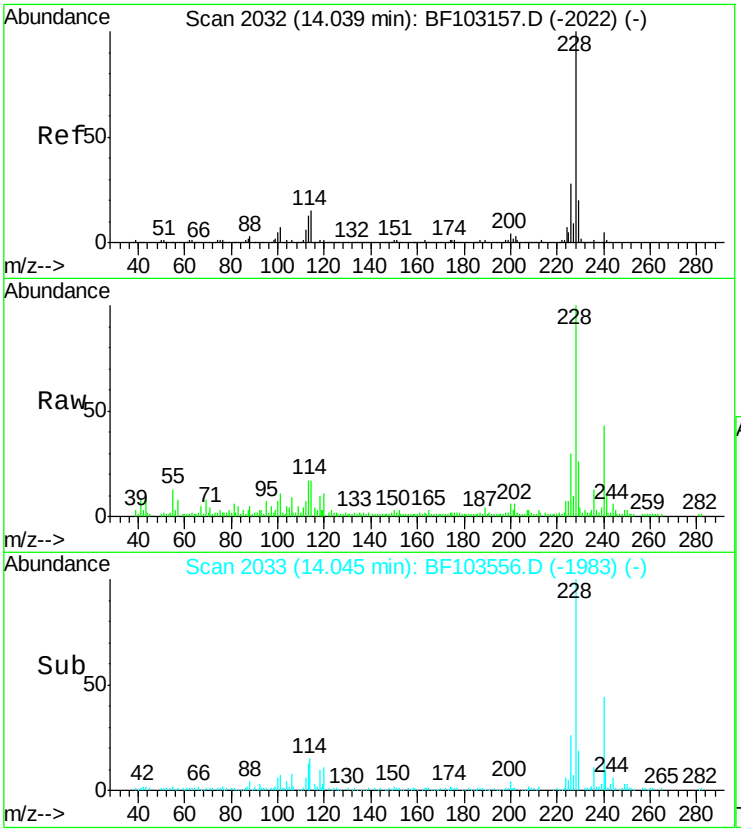


#78
Terphenyl-d14
Concen: 65.151 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:244 Resp: 616754

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.5	11.0	16.4

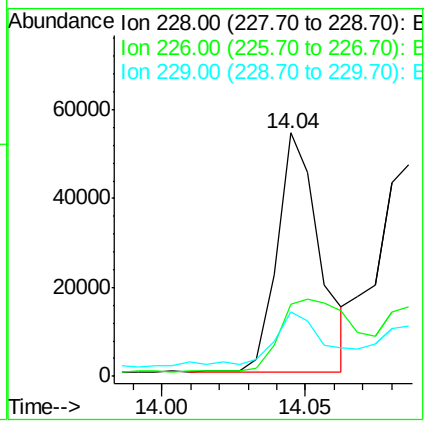




#80
Benzo(a)anthracene
Concen: 3.776 ng m
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:228 Resp: 55752

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	26.3	15.8	23.6#



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

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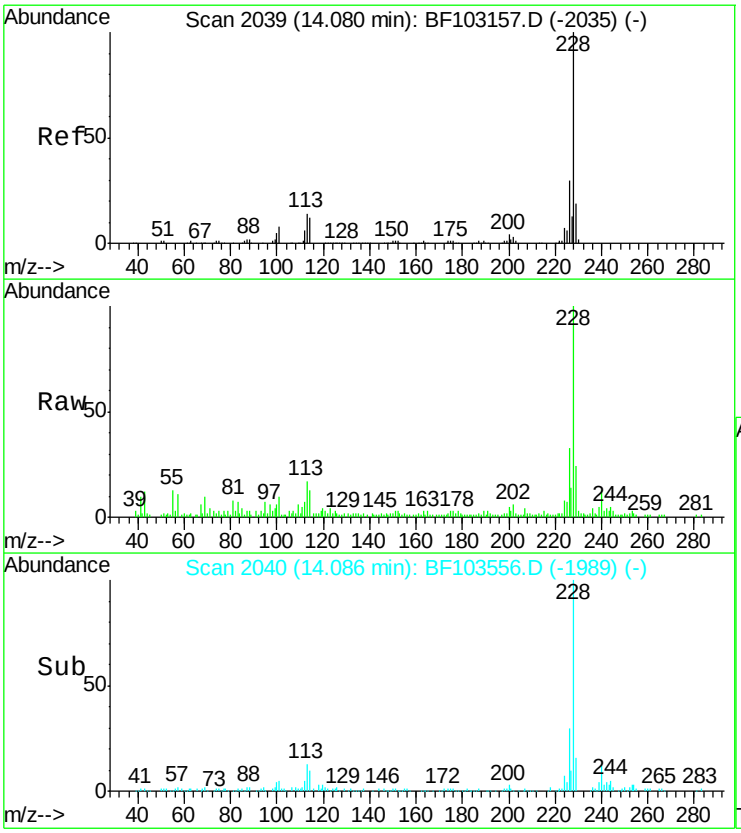
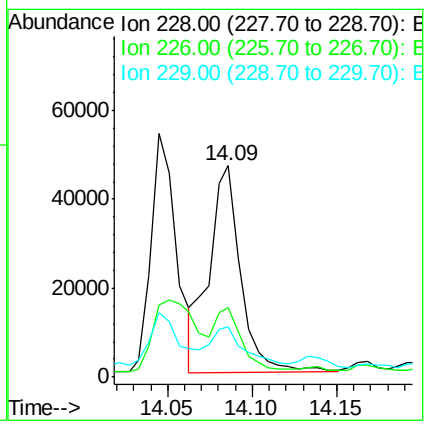
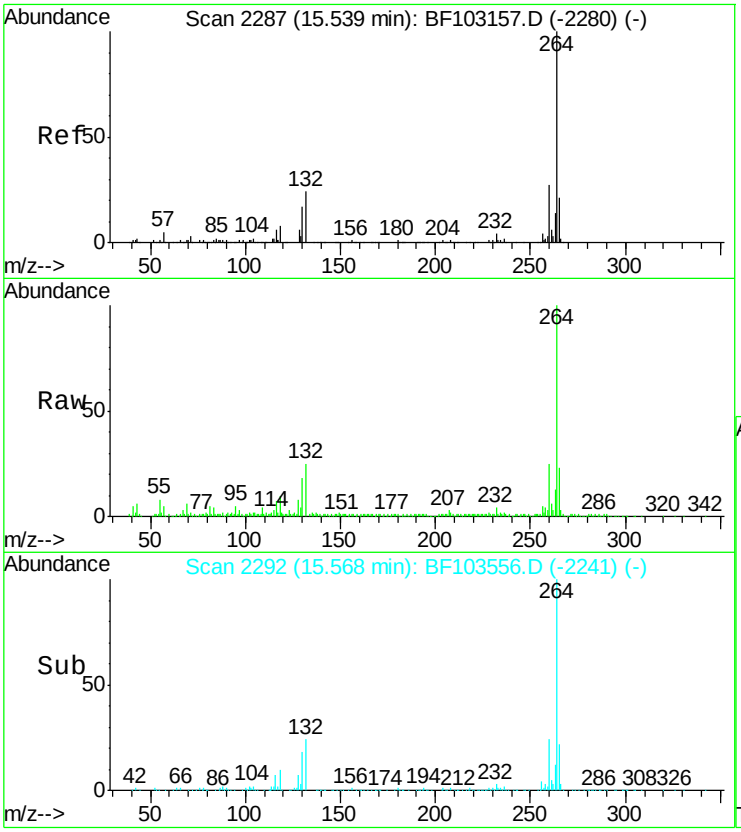


#82
Chrysene
Concen: 4.296 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:228 Resp: 61592

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	23.5	16.2	24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:264 Resp: 201981

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3

Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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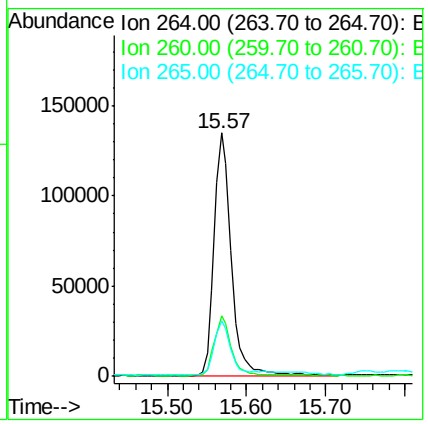
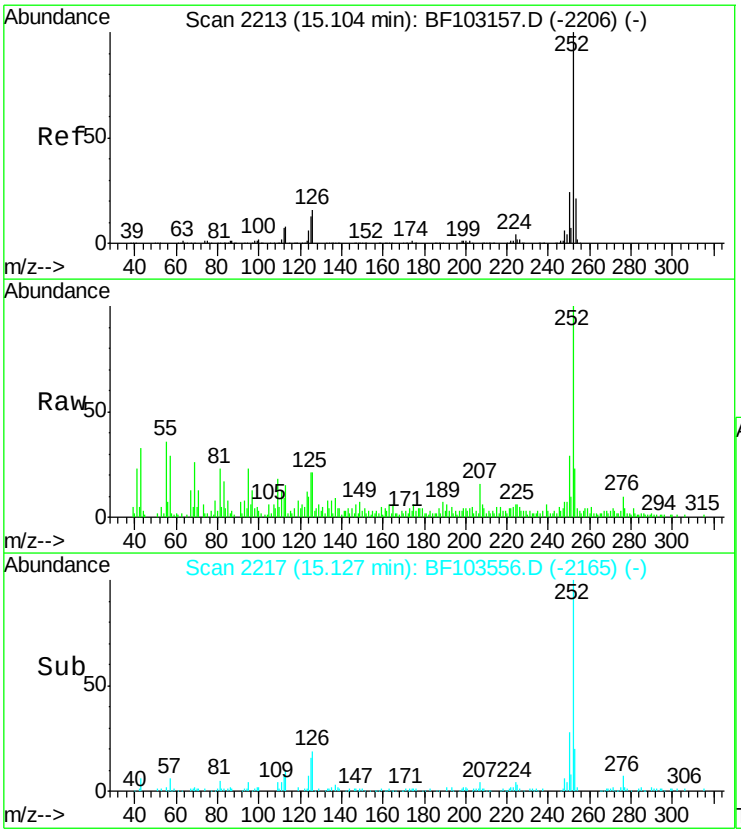
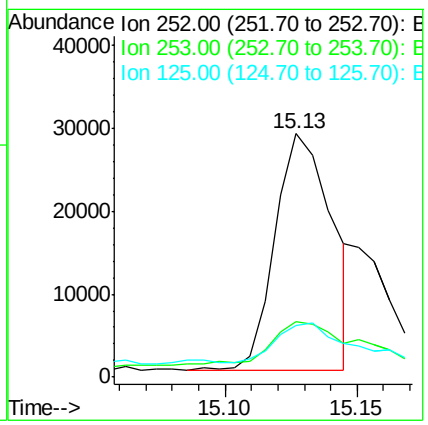


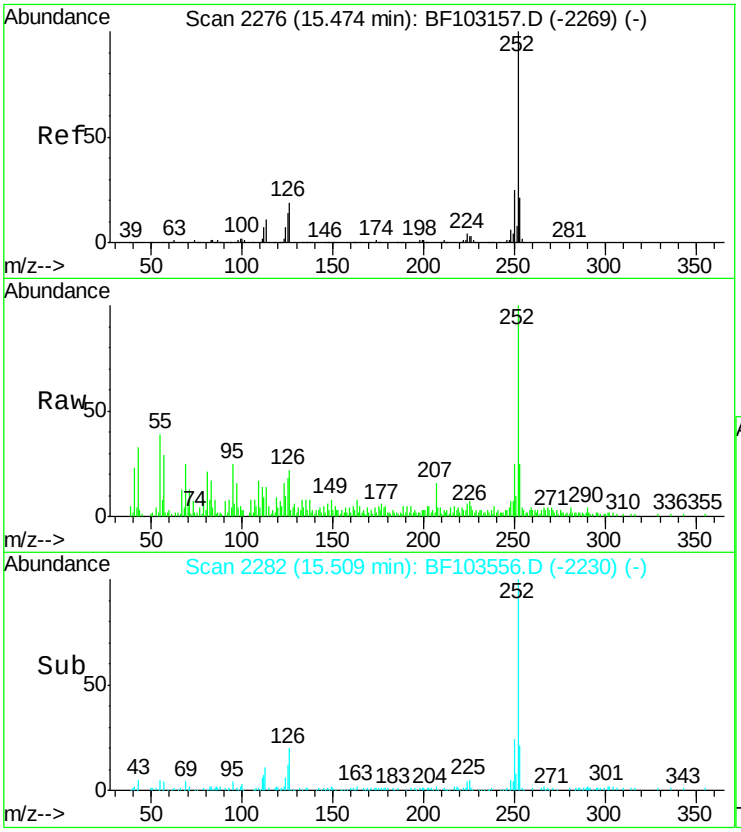


#87
Benzo(b)fluoranthene
Concen: 3.230 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:252 Resp: 42896

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	21.2	9.0	13.6#

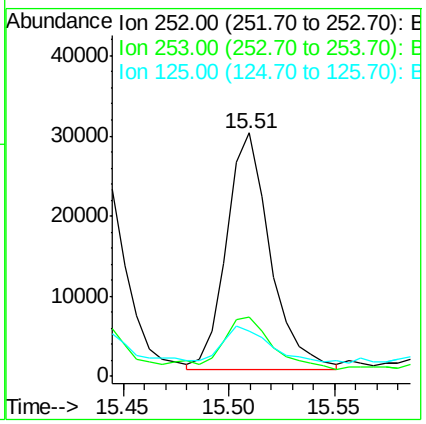




#89
Benzo(a)pyrene
Concen: 3.588 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:252 Resp: 42548

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	18.5	9.8	14.6#



Instrument :
BNA_F
ClientSampleId :
OK-03-030818

Manual Integrations APPROVED
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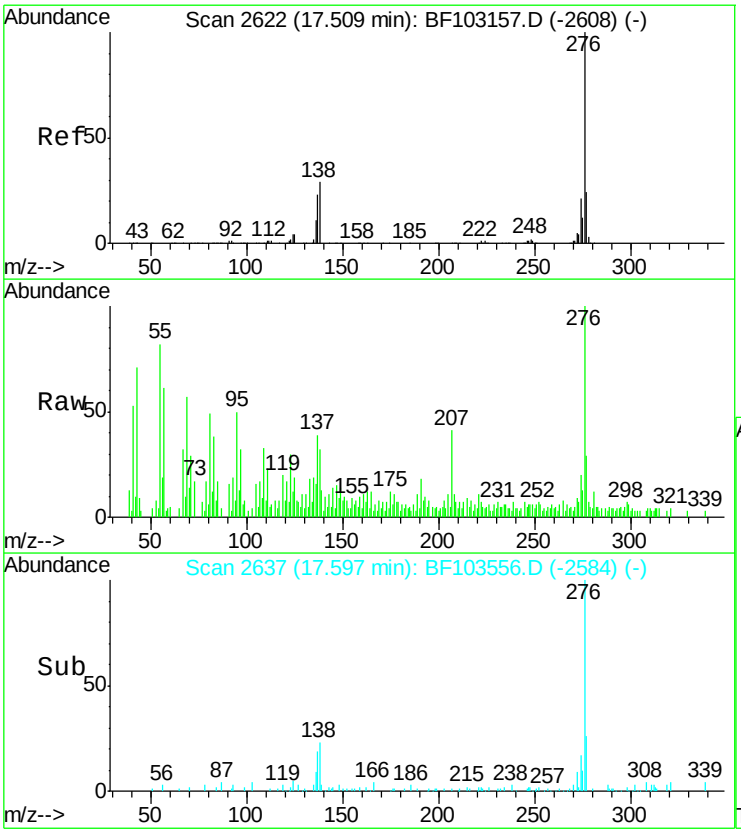

#91
Benzo(g,h,i)perylene
Concen: 2.923 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.01 min
Lab File: BF103556.D
Acq: 9 Mar 2018 14:52

Tgt Ion:276 Resp: 26176

Ion	Ratio	Lower	Upper
276	100		
277	29.2	17.9	26.9#
138	32.0	21.8	32.8