Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103134.D
Acq On : 21 Feb 2018 14:17
Operator : SJ/JU
Sample : J1398-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-022018

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

Quant Time: Feb 21 15:32:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162254	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	656660	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	266750	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	398259	20.00	ng	0.00
75) Chrysene-d12	14.05	240	309106	20.00	ng	0.00
86) Perylene-d12	15.54	264	247924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	973311	91.10	ng	0.00
7) Phenol-d6	6.51	99	1160771	90.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	741755	78.36	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	197247	91.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	974518	60.62	ng	0.00
78) Terphenyl-d14	12.99	244	711793	54.52	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	93421	4.492	ng	# 98
70) Phenanthrene	11.43	178	149104	6.722	ng	99
74) Fluoranthene	12.62	202	175956	7.885	ng	97
77) Pyrene	12.85	202	148068	6.109	ng	98
80) Benzo(a)anthracene	14.04	228	63747	3.279	ng	96
82) Chrysene	14.07	228	51288m	2.617	ng	
87) Benzo(b)fluoranthene	15.10	252	53529m	3.330	ng	
89) Benzo(a)pyrene	15.48	252	33435	2.311	ng	# 78

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

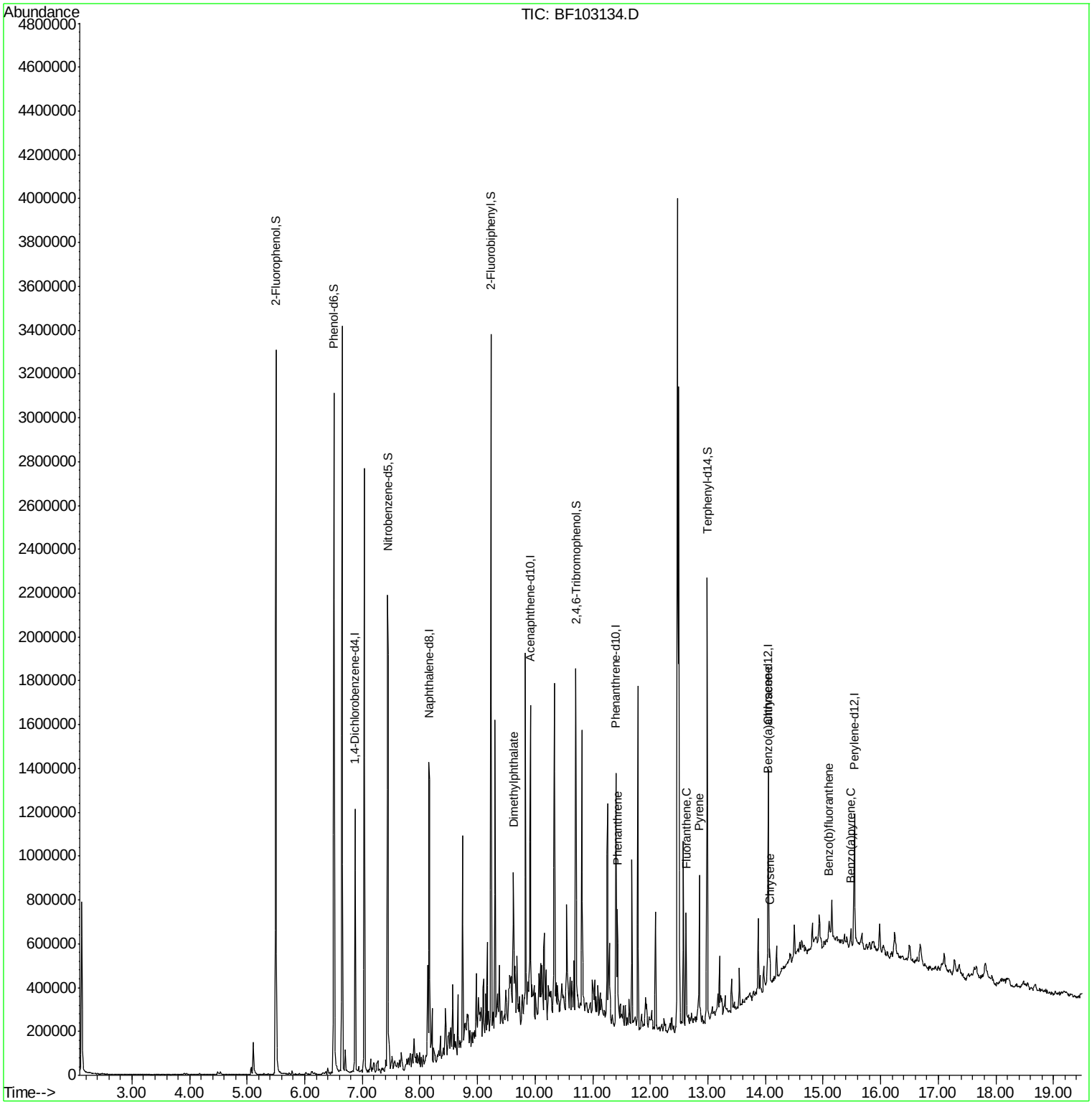
Quantitation Report (QT/LSC Reviewed)

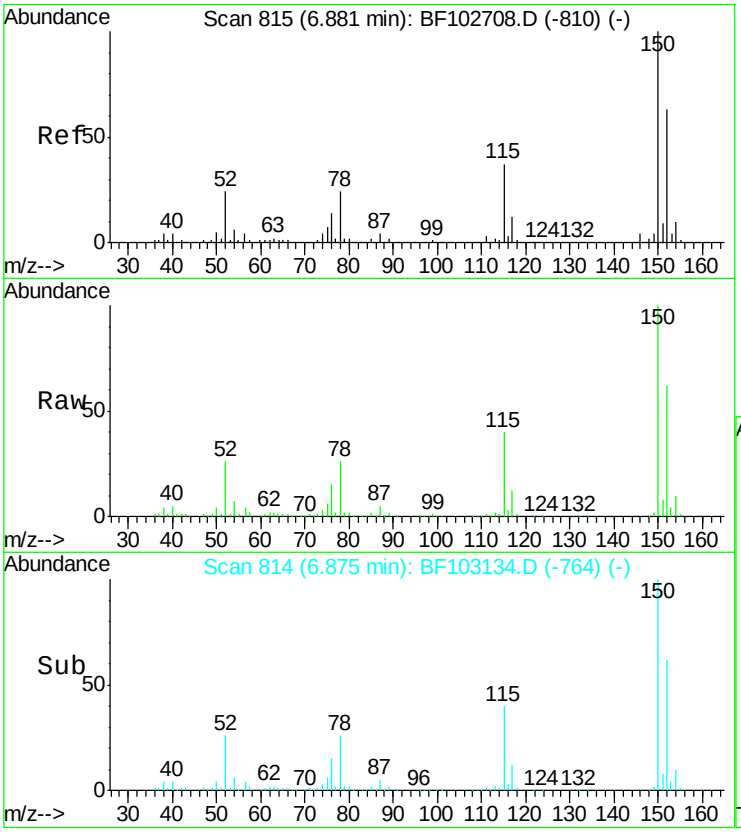
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103134.D
Acq On : 21 Feb 2018 14:17
Operator : SJ/JU
Sample : J1398-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 21 15:32:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-02-022018

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

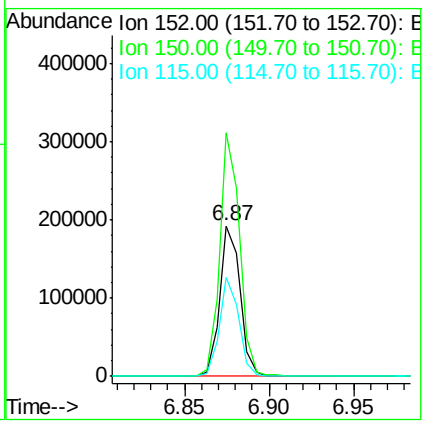




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

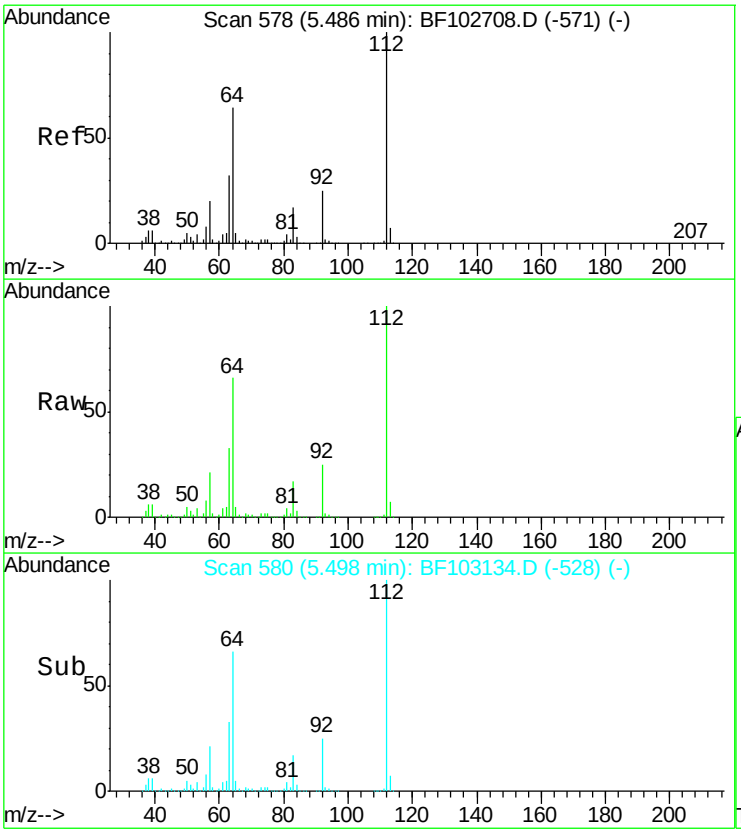
Tgt Ion:152 Resp: 162254

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	65.4	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

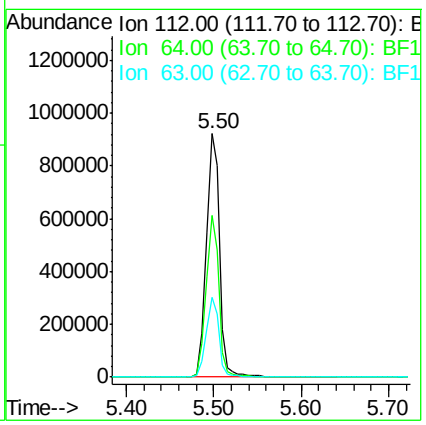
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

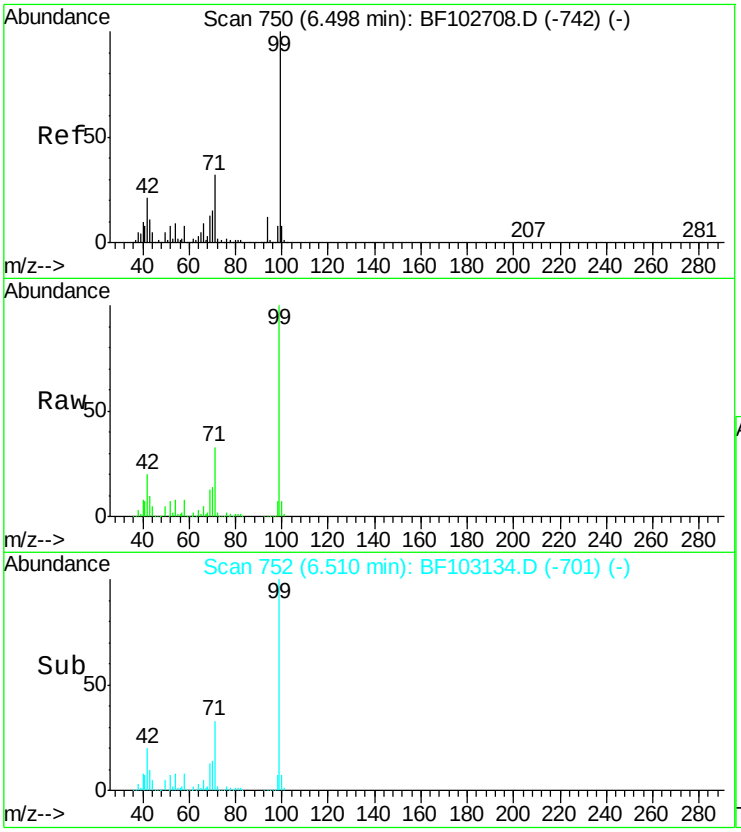


#5
2-Fluorophenol
Concen: 91.100 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:112 Resp: 973311

Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	32.8	23.7	35.5

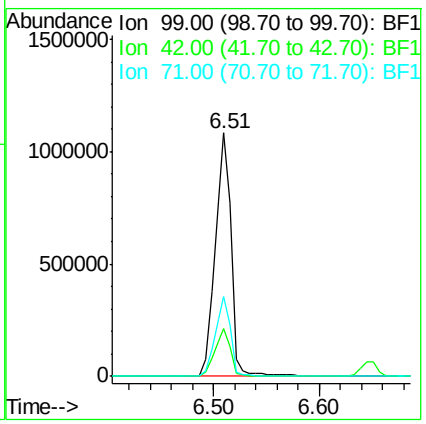




#7
Phenol-d6
Concen: 90.232 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

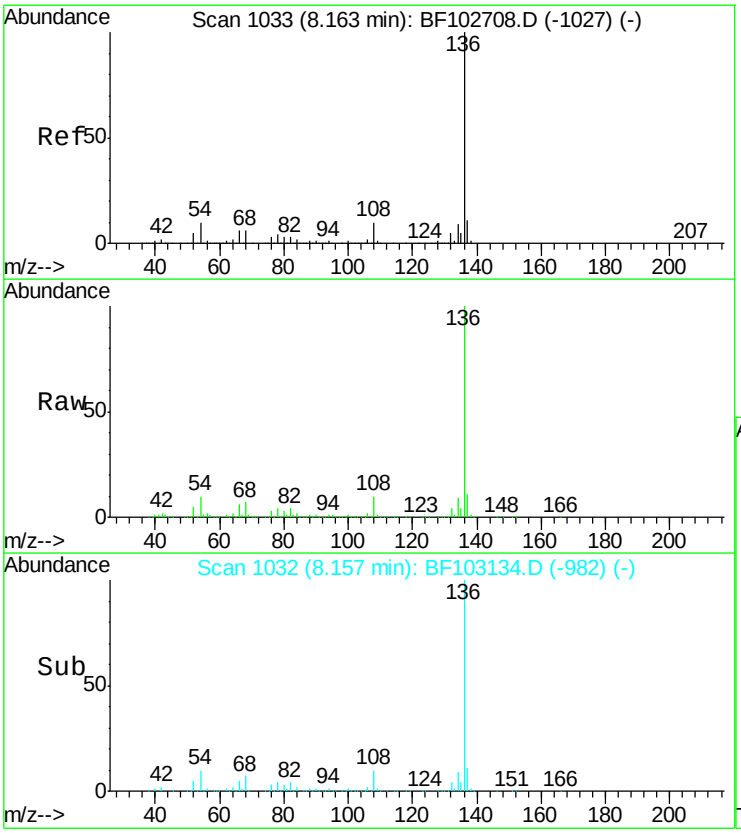
Tgt Ion: 99 Resp: 1160771

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

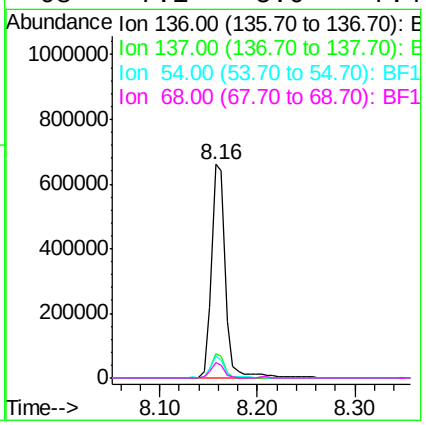
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

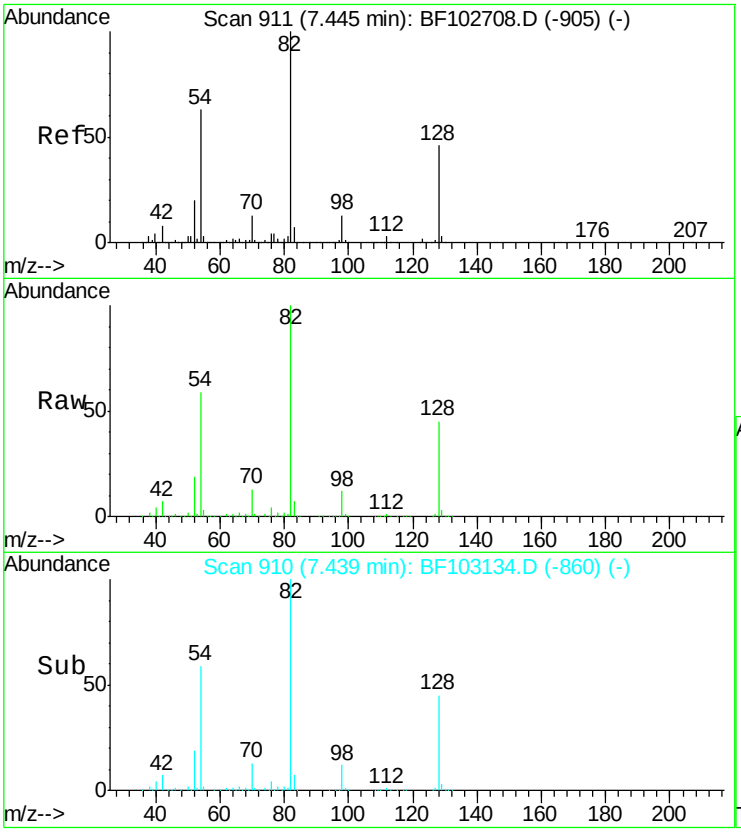


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:136 Resp: 656660

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.2	6.6	9.8#
68	7.1	5.0	7.4

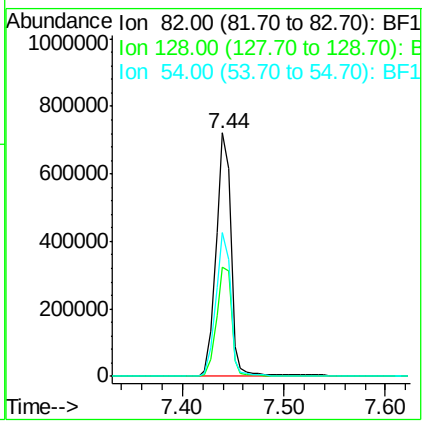




#23
Nitrobenzene-d5
Concen: 78.360 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

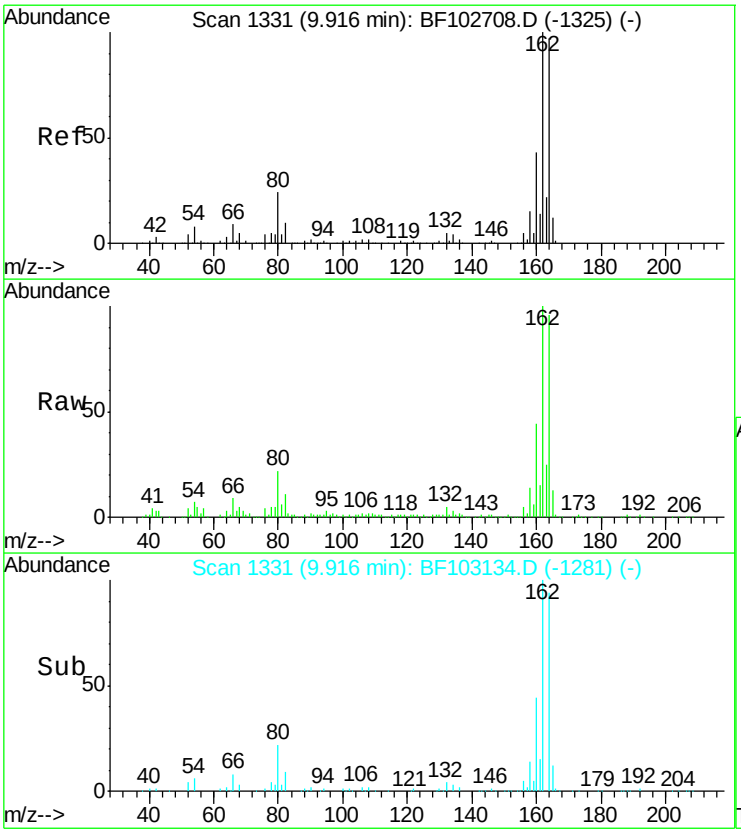
Tgt Ion: 82 Resp: 741755

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	59.2	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

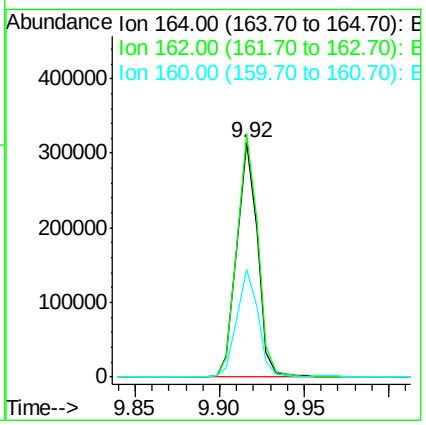
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

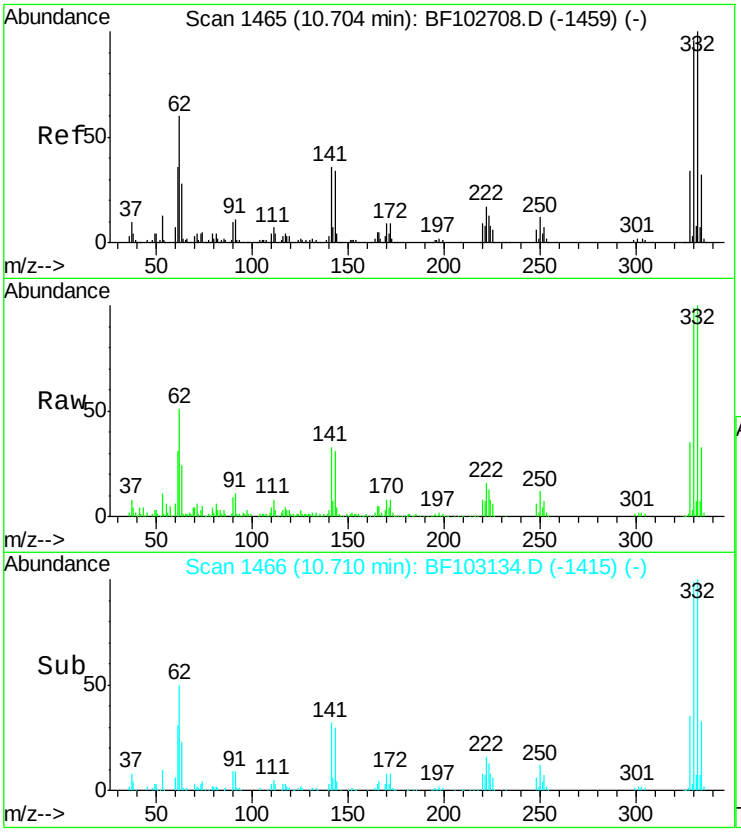


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:164 Resp: 266750

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.8	38.3	57.5

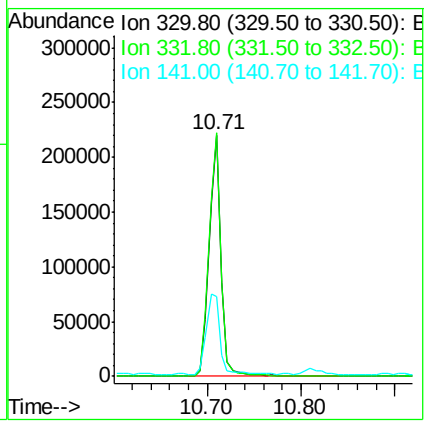




#41
2,4,6-Tribromophenol
Concen: 91.870 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

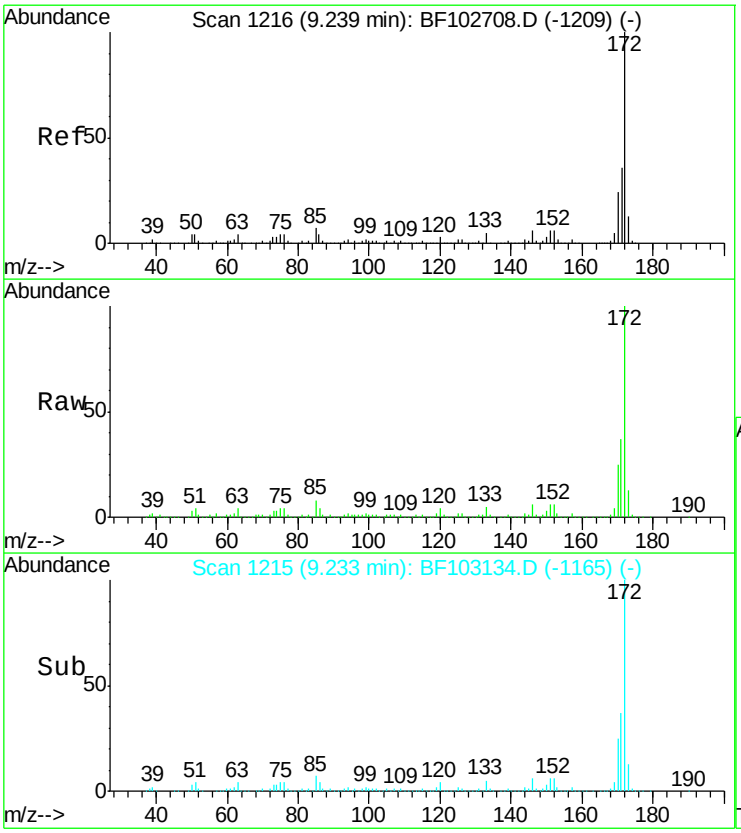
Tgt Ion:330 Resp: 197247

Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	39.2	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

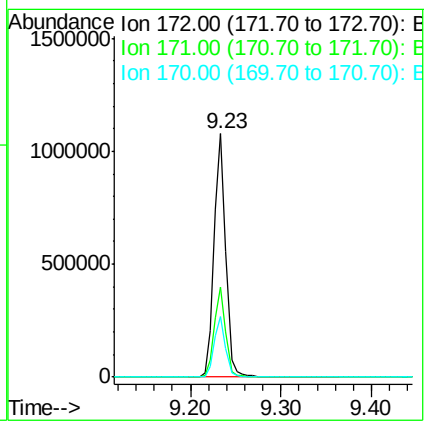
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

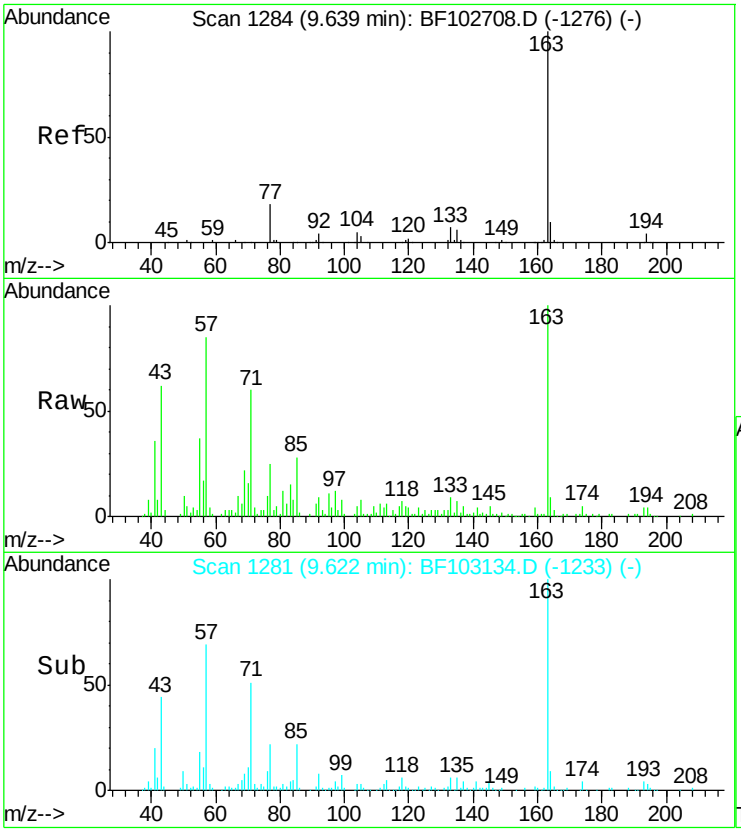


#44
2-Fluorobiphenyl
Concen: 60.621 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:172 Resp: 974518

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

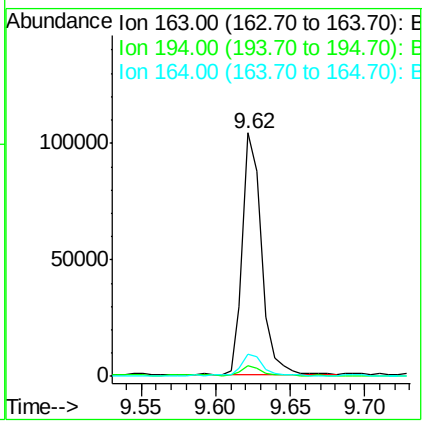




#49
Dimethylphthalate
Concen: 4.492 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

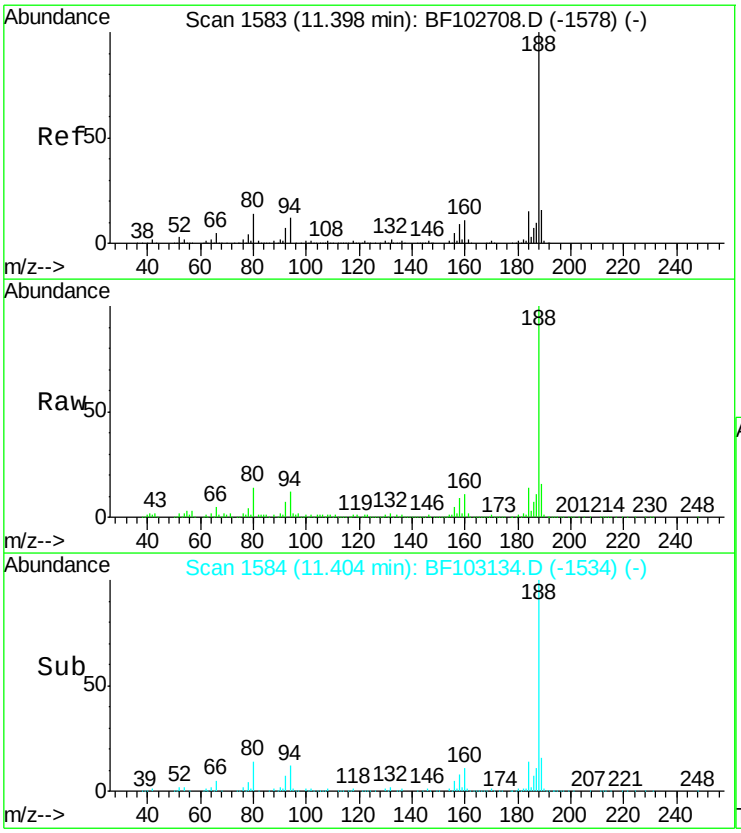
Tgt Ion:163 Resp: 93421

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

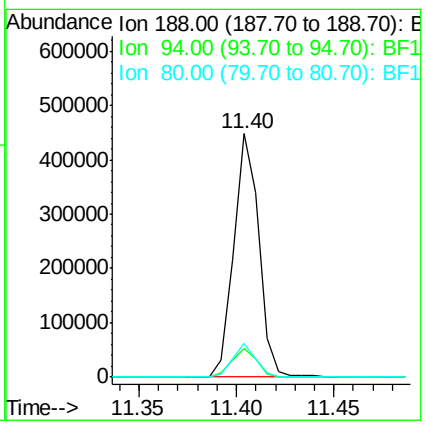
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

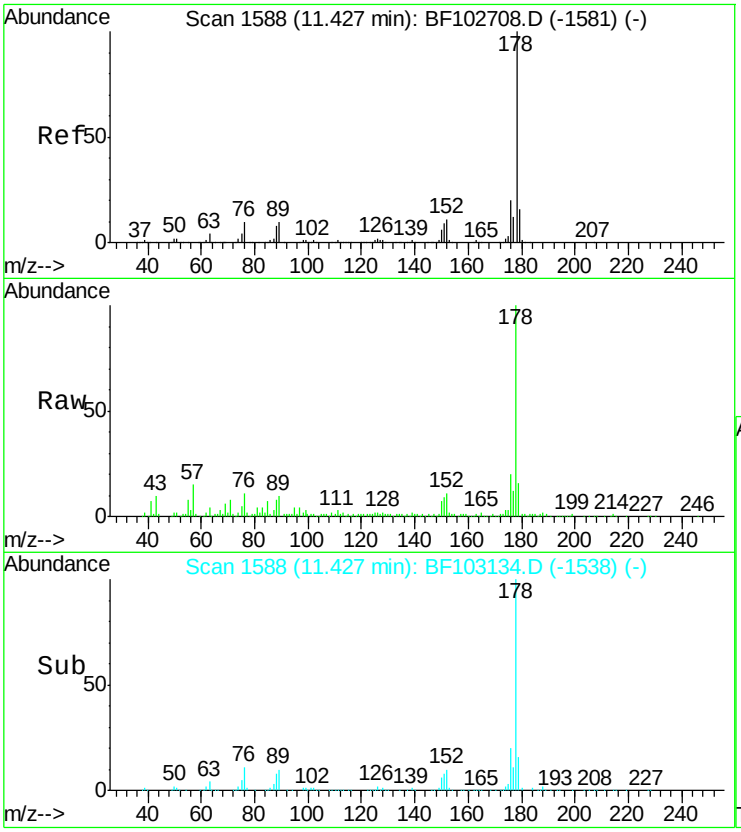


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:188 Resp: 398259

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	13.8	9.2	13.8#

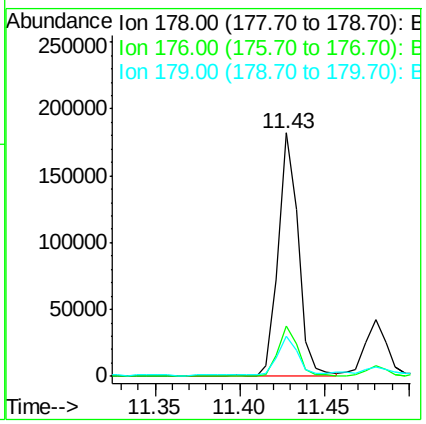




#70
Phenanthrene
Concen: 6.722 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

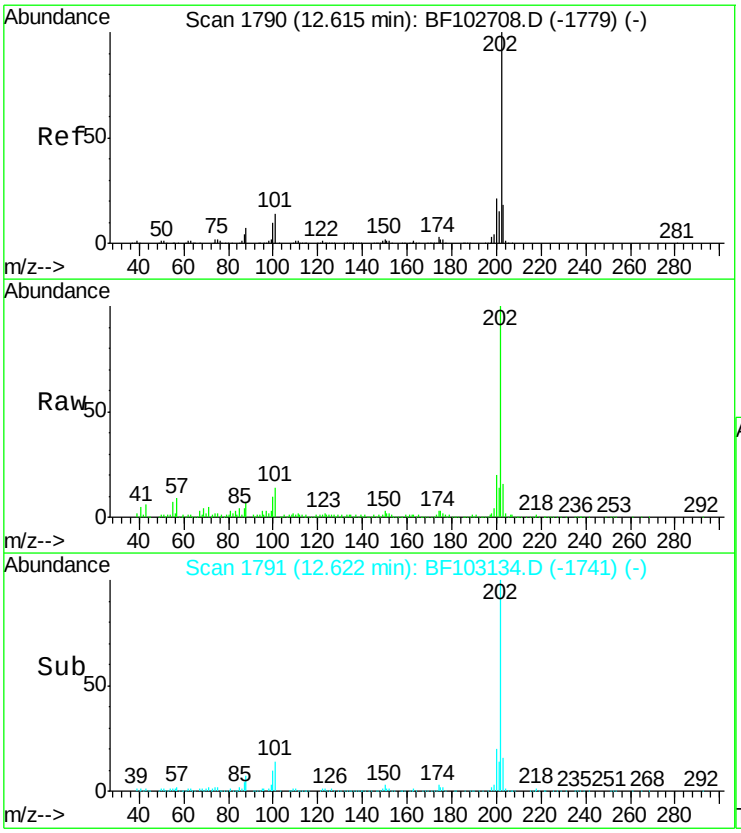
Tgt Ion:178 Resp: 149104

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.5	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

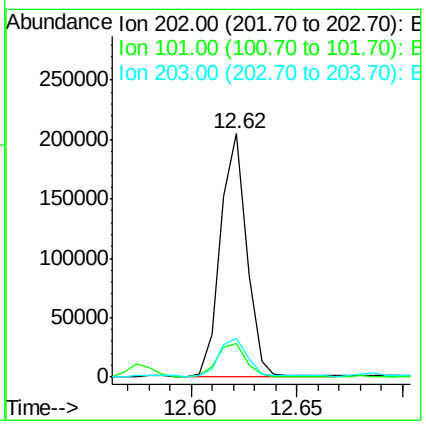
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

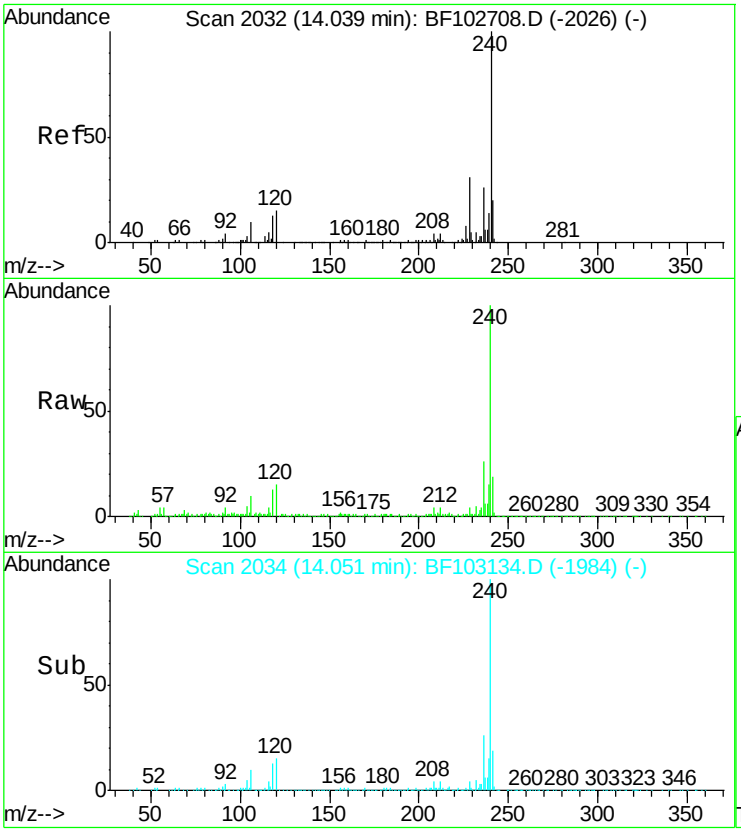


#74
Fluoranthene
Concen: 7.885 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:202 Resp: 175956

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	16.1	0.0	38.1





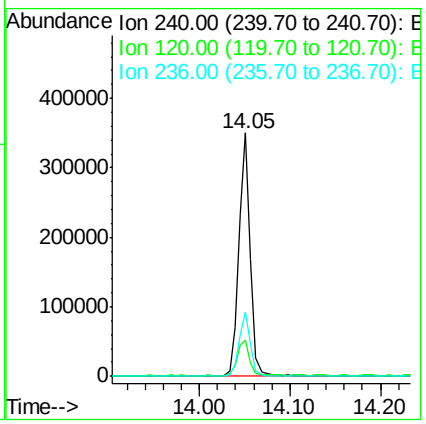
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

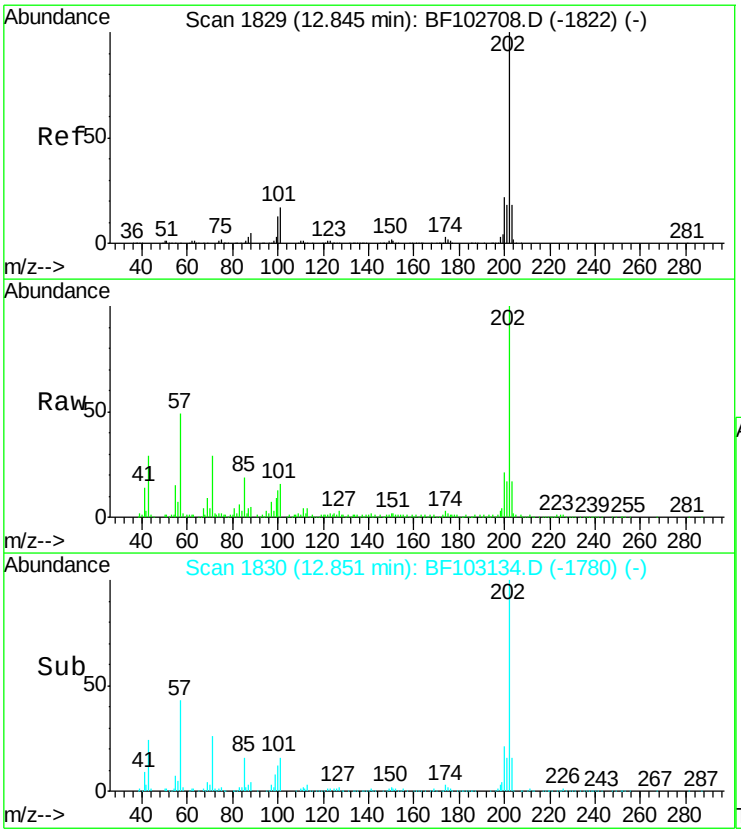
Tgt Ion:240 Resp: 309106

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	26.5	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
OK-02-022018

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

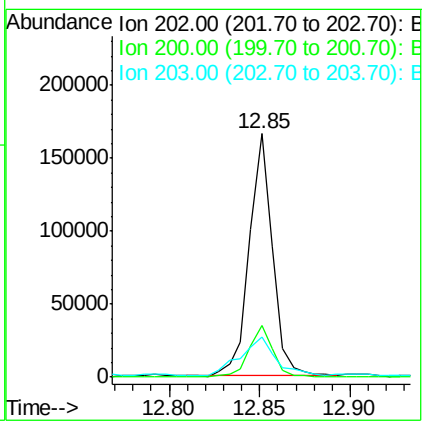


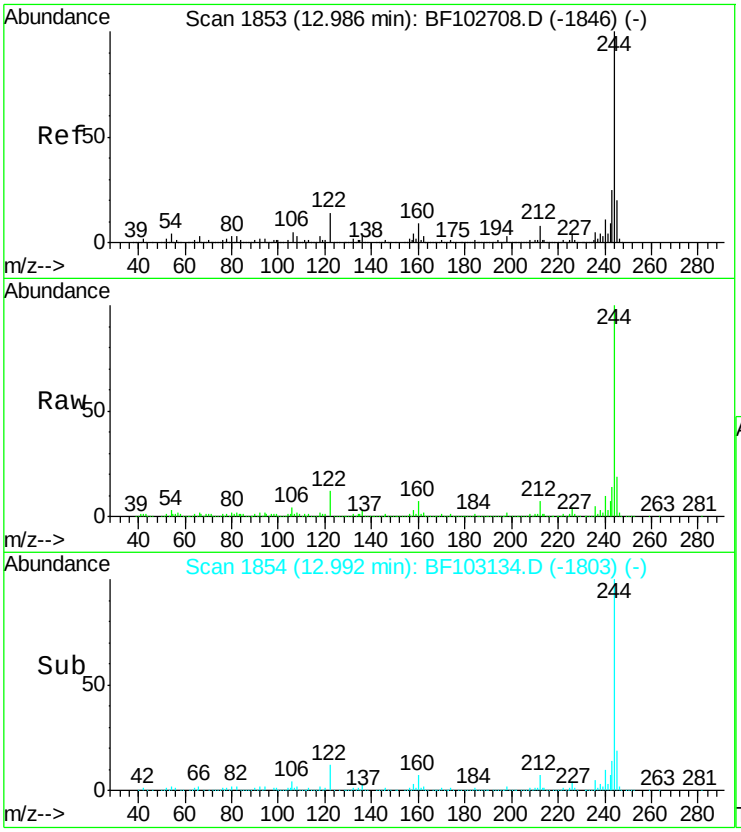


#77
Pyrene
Concen: 6.109 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:202 Resp: 148068

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.5	14.3	21.5

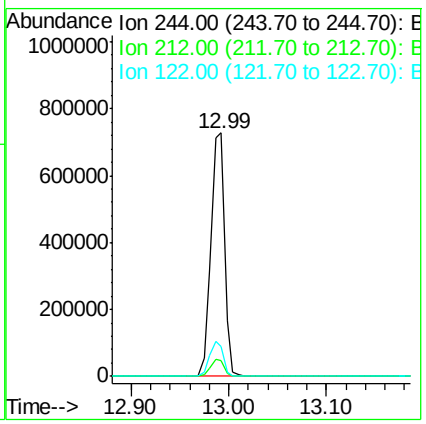




#78
Terphenyl-d14
Concen: 54.524 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

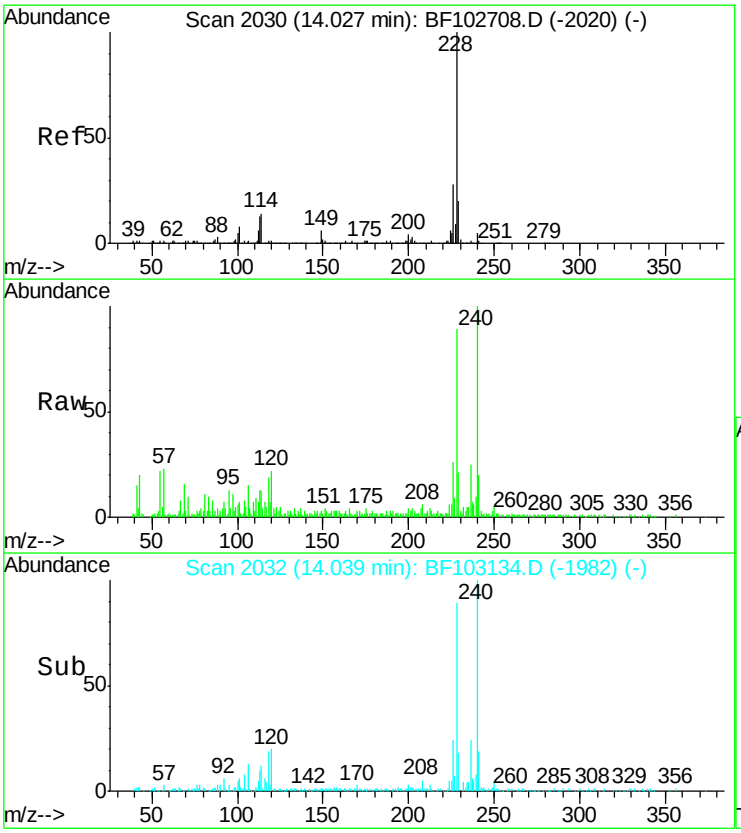
Tgt Ion:244 Resp: 711793

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

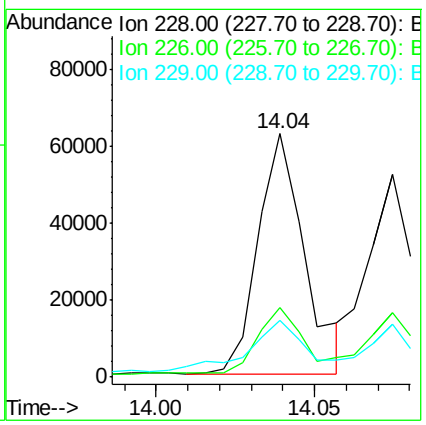
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

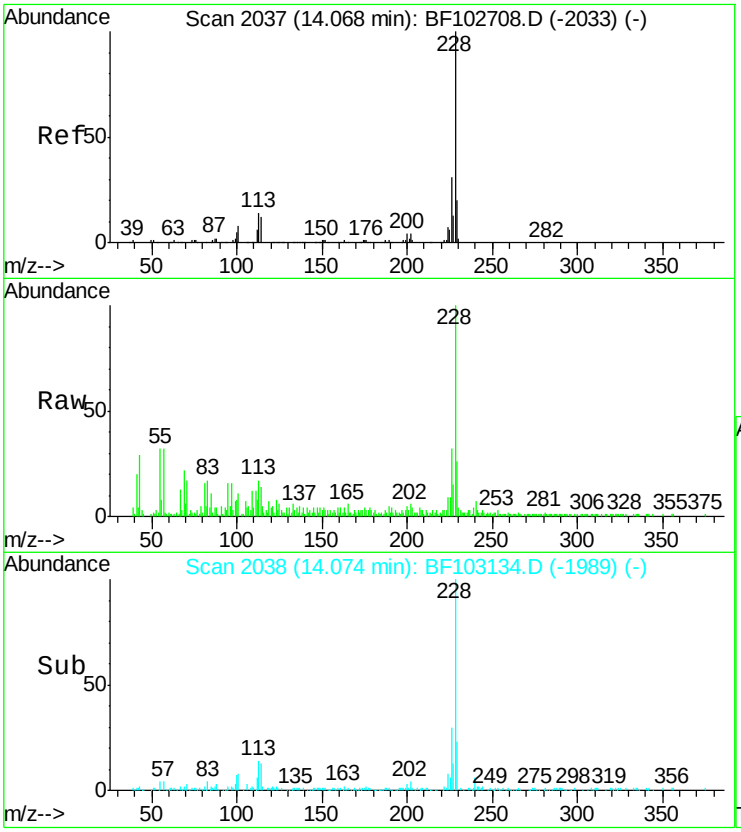


#80
Benzo(a)anthracene
Concen: 3.279 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:228 Resp: 63747

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	23.2	15.8	23.6

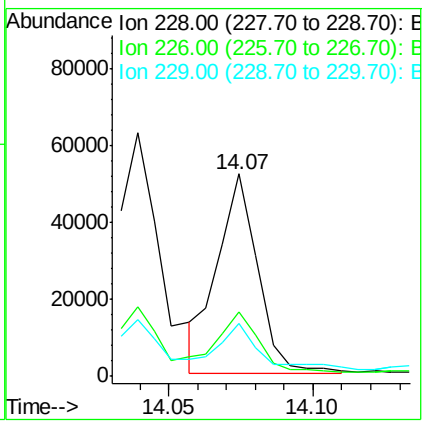




#82
Chrysene
Concen: 2.617 ng m
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

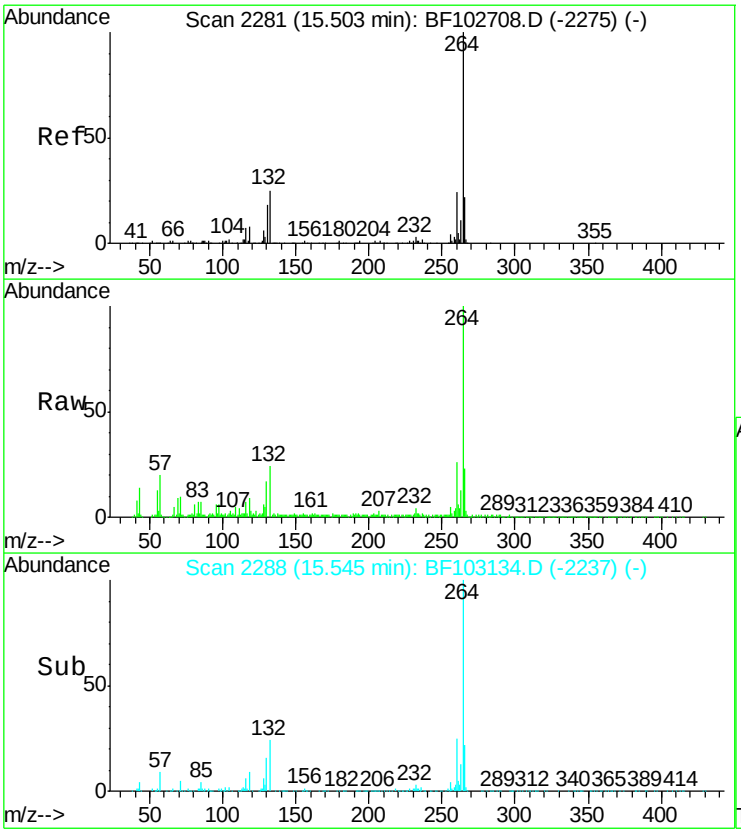
Tgt Ion:228 Resp: 51288

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	26.0	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

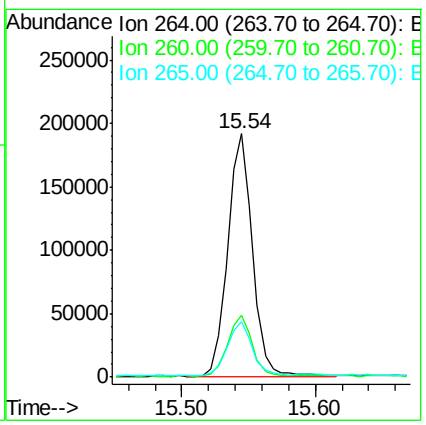
Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM

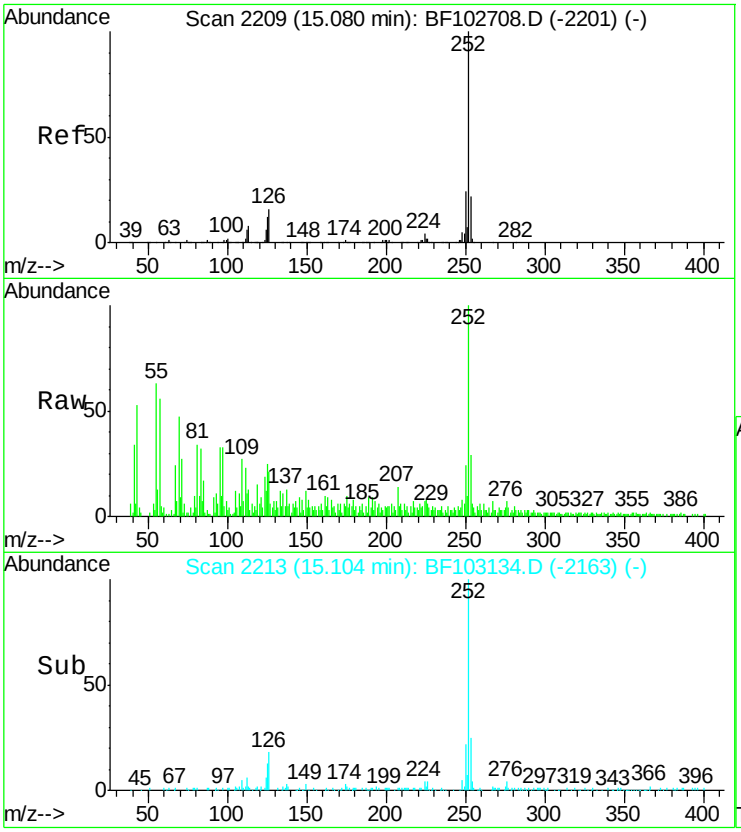


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:264 Resp: 247924

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.7	17.5	26.3

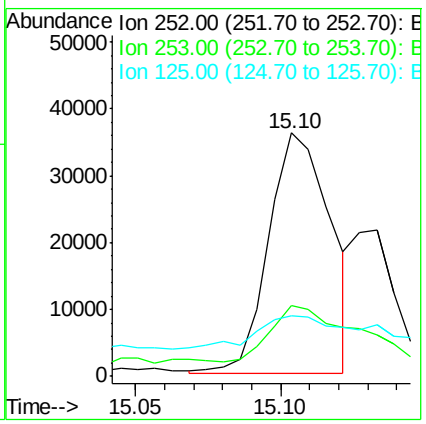




#87
Benzo(b)fluoranthene
Concen: 3.330 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

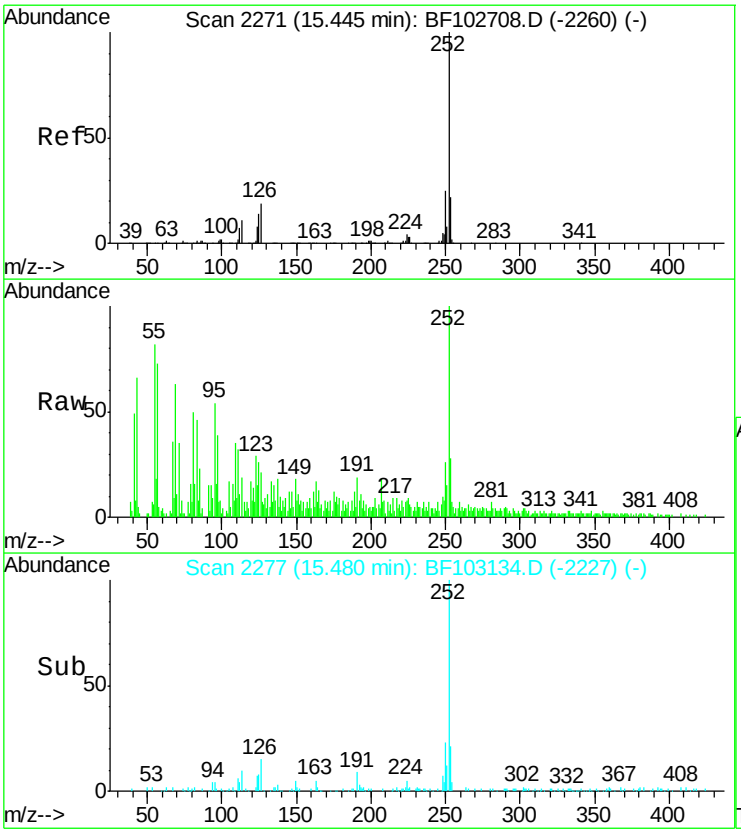
Tgt Ion:252 Resp: 53529

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.0	25.6#
125	24.9	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
OK-02-022018

Manual Integrations APPROVED
Sohil
2/22/2018 9:05:00 AM



#89
Benzo(a)pyrene
Concen: 2.311 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103134.D
Acq: 21 Feb 2018 14:17

Tgt Ion:252 Resp: 33435

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.1	25.7#
125	26.1	9.8	14.6#