Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104575.D
Acq On : 17 Apr 2018 21:29
Operator : JU/SJ
Sample : J2387-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
Sohil
4/18/2018 3:01:02 PM

Quant Time: Apr 18 02:02:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140594	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	560301	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	229909	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	369443	20.00	ng	0.00
75) Chrysene-d12	13.98	240	299325	20.00	ng	0.00
86) Perylene-d12	15.44	264	252711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	859907	93.52	ng	0.00
7) Phenol-d6	6.45	99	1051011	93.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	634469	73.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	218240	91.51	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	987712	67.87	ng	0.00
78) Terphenyl-d14	12.92	244	788099	60.03	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	9.70	152	54846	2.291	ng	100
49) Dimethylphthalate	9.56	163	99256	5.475	ng	99
70) Phenanthrene	11.36	178	69898	3.397	ng	98
71) Anthracene	11.40	178	52979	2.533	ng	99
74) Fluoranthene	12.54	202	158970	7.395	ng	99
77) Pyrene	12.77	202	208237	9.386	ng	98
80) Benzo(a)anthracene	13.97	228	134507m	7.522	ng	
82) Chrysene	14.00	228	154274	8.399	ng	97
85) Indeno(1,2,3-cd)pyrene	16.88	276	35964	2.305	ng	97
87) Benzo(b)fluoranthene	15.02	252	107801m	6.754	ng	
88) Benzo(k)fluoranthene	15.04	252	32714m	2.171	ng	
89) Benzo(a)pyrene	15.37	252	108011	7.563	ng	95
91) Benzo(g,h,i)perylene	17.32	276	38503m	3.388	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104575.D
Acq On : 17 Apr 2018 21:29
Operator : JU/SJ
Sample : J2387-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 18 02:02:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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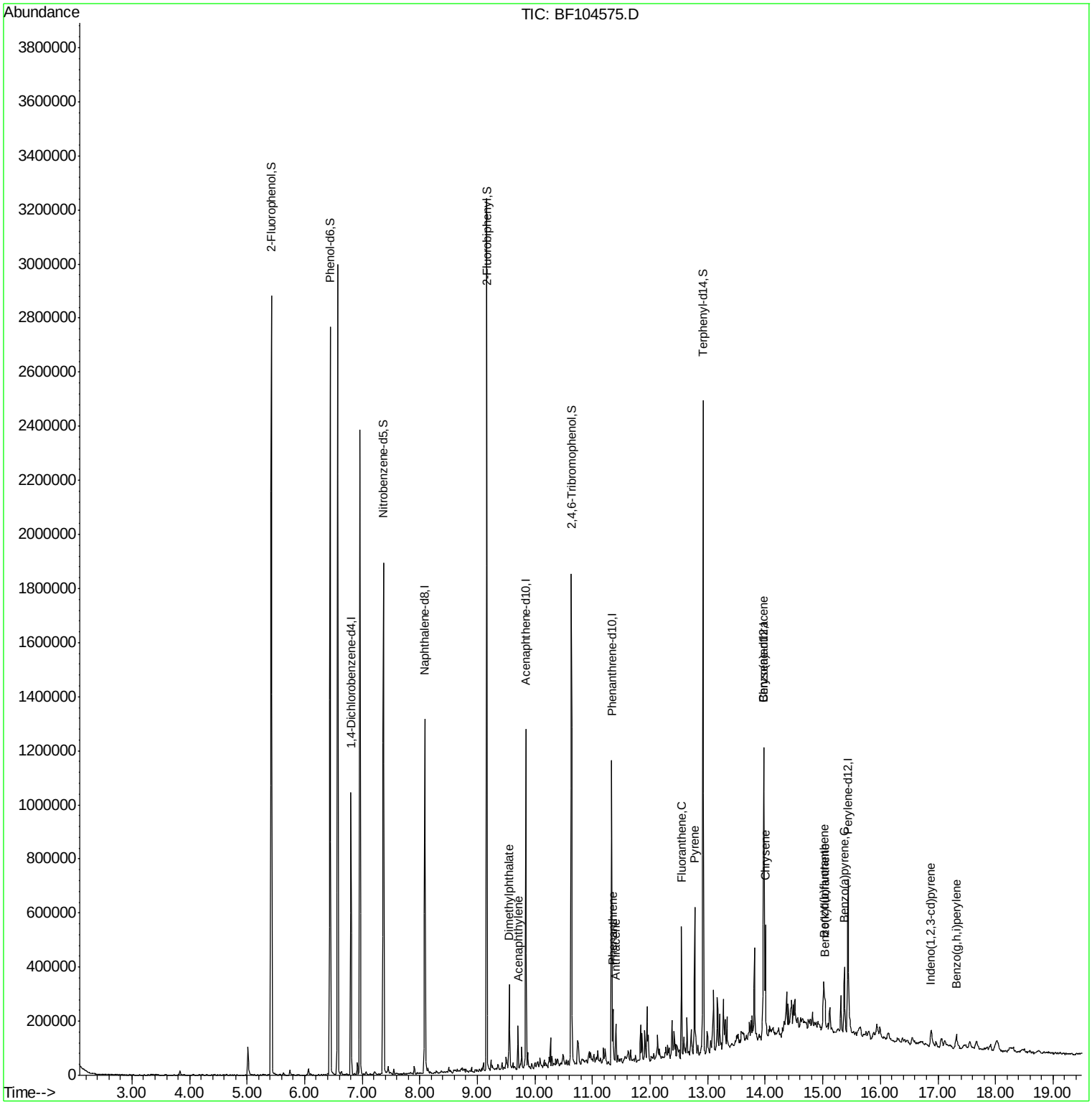
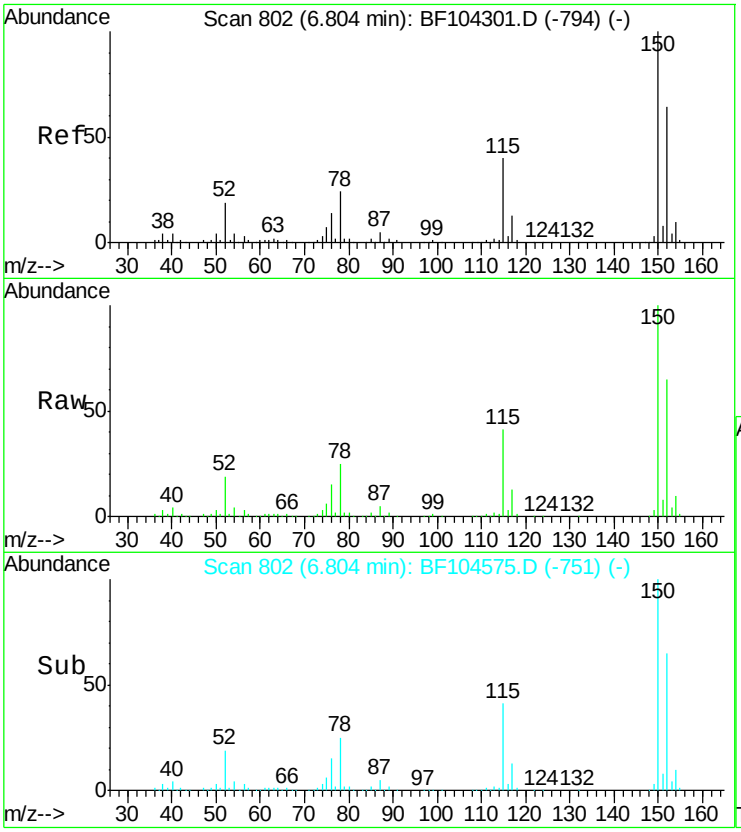
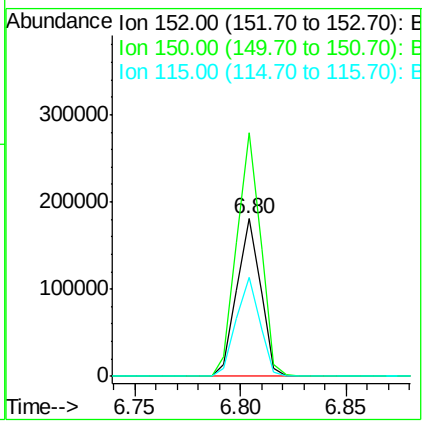




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:152 Resp: 140594

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	63.2	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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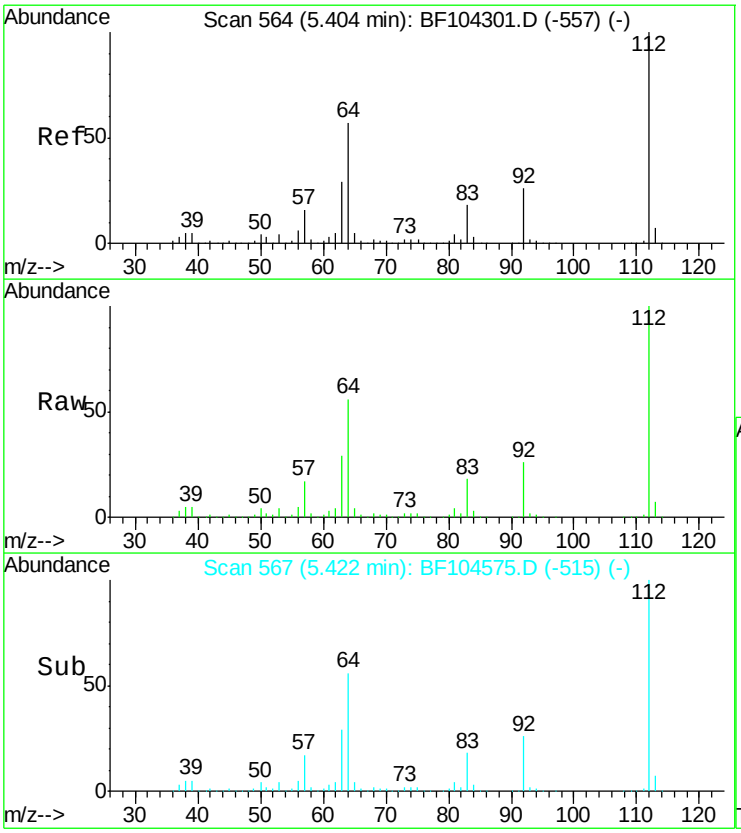
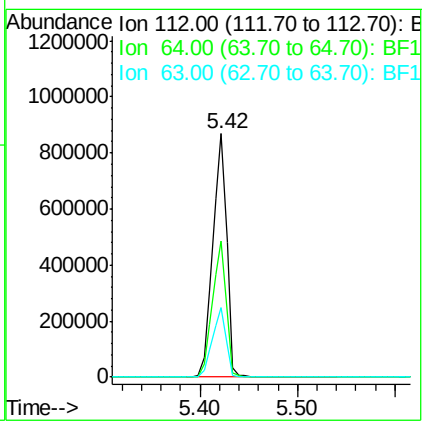
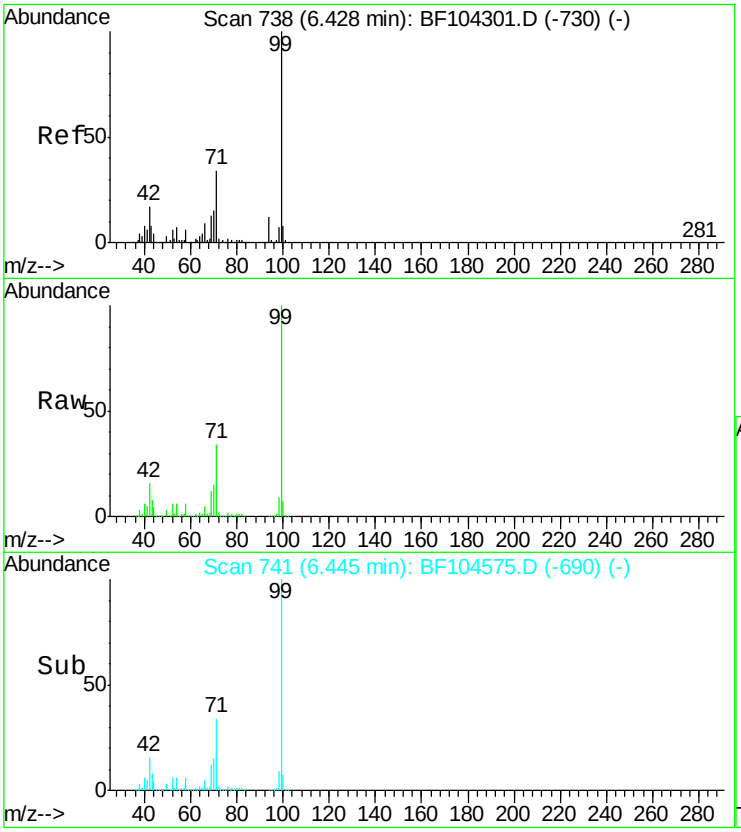


#5
2-Fluorophenol
Concen: 93.521 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:112 Resp: 859907

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	28.8	23.7	35.5

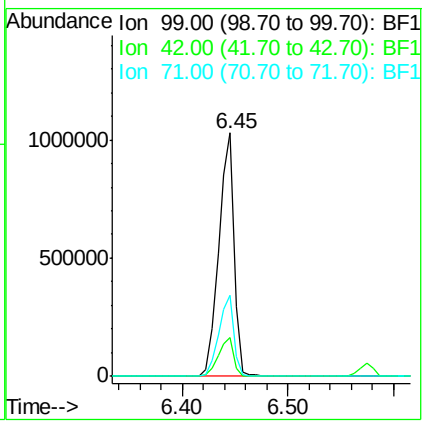




#7
Phenol-d6
Concen: 93.031 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion: 99 Resp: 1051011

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	33.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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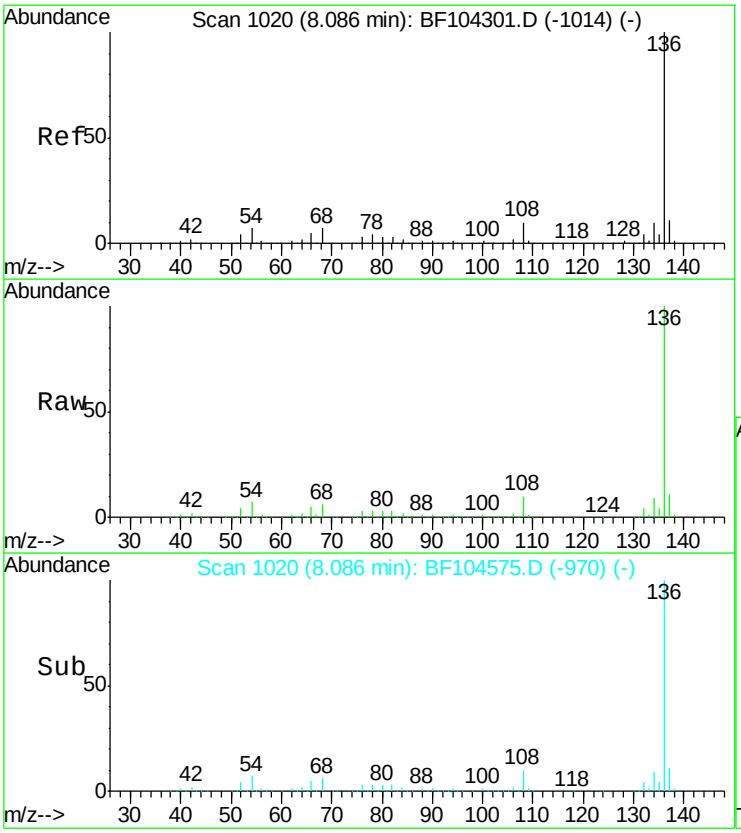
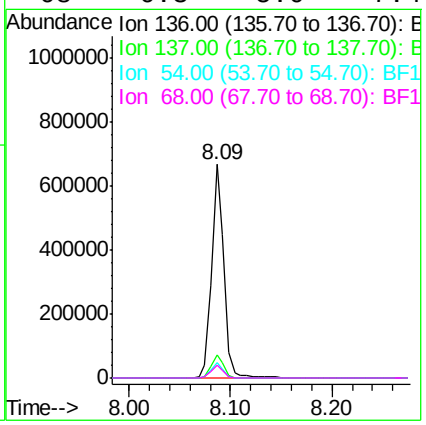
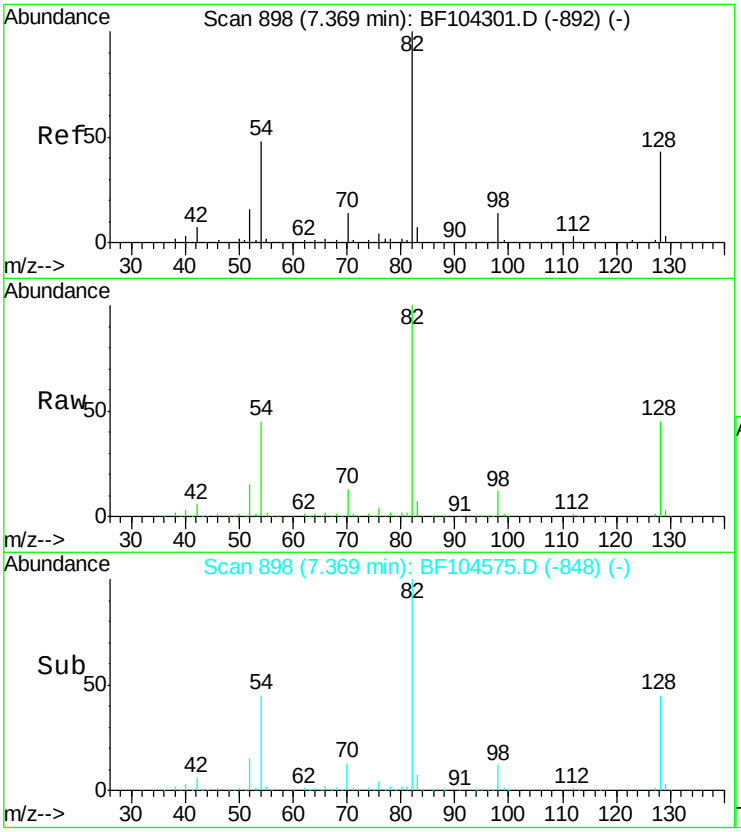


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:136 Resp: 560301

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	6.3	5.0	7.4

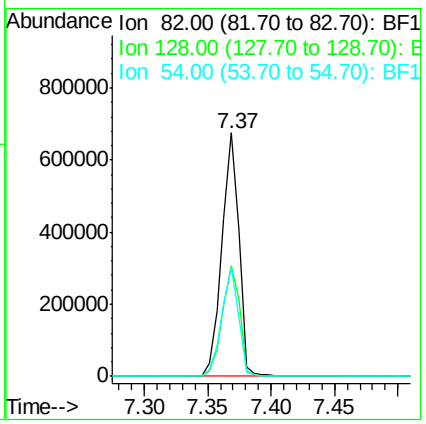




#23
Nitrobenzene-d5
Concen: 73.942 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion: 82 Resp: 634469

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	44.9	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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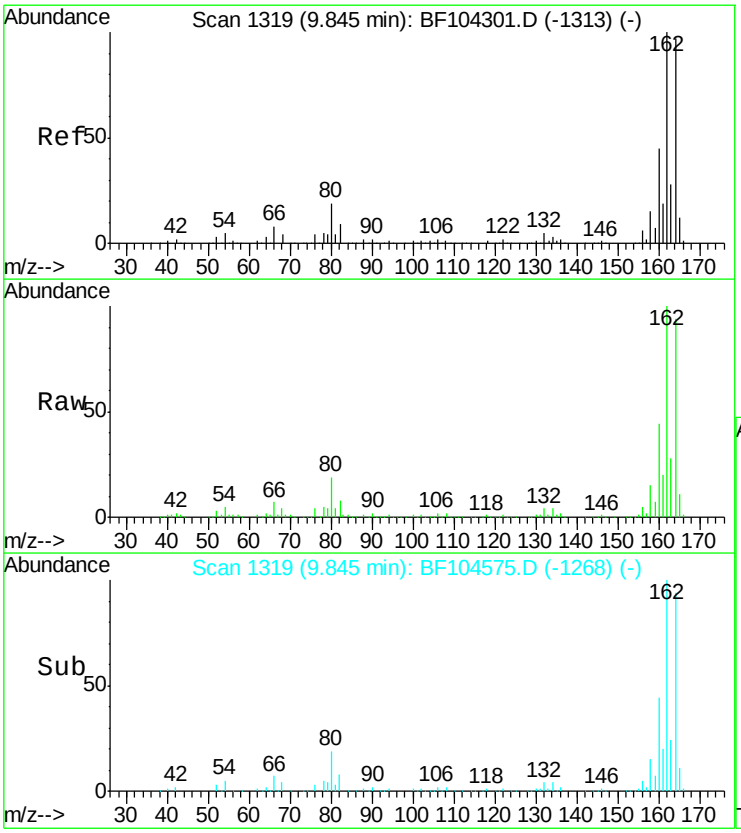
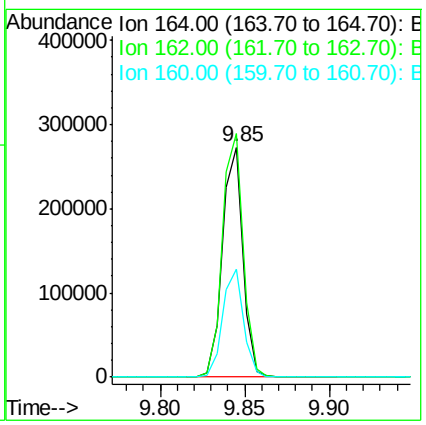
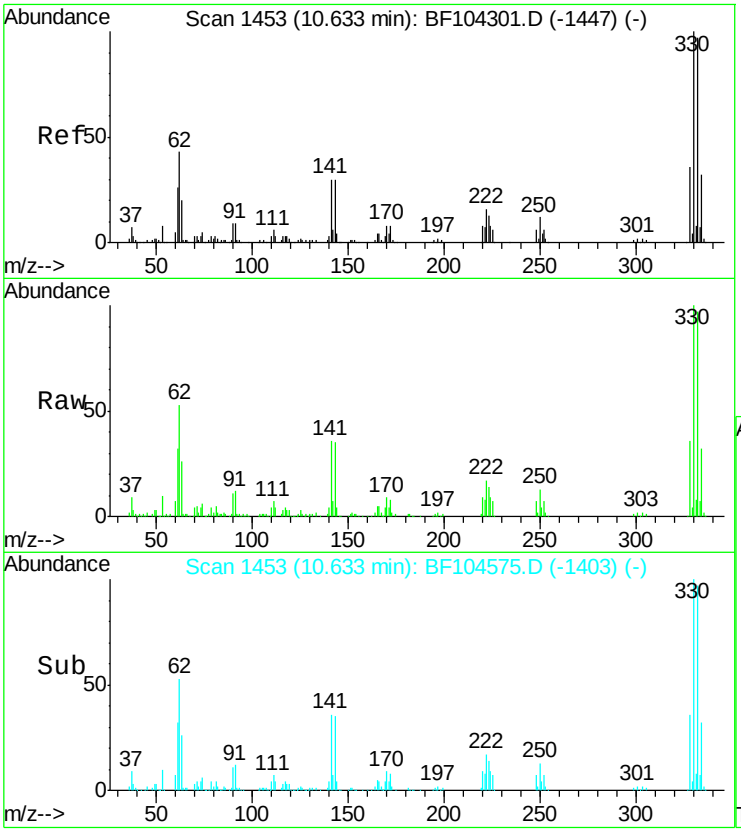


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:164 Resp: 229909

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.9	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 91.509 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:330 Resp: 218240

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.8	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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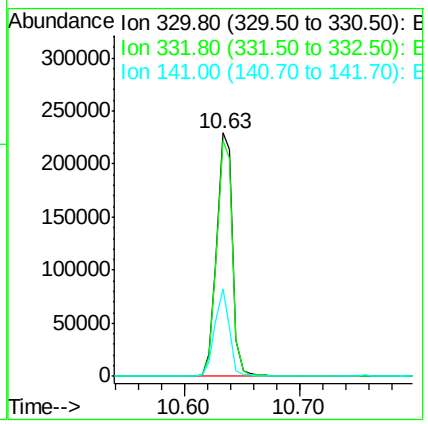
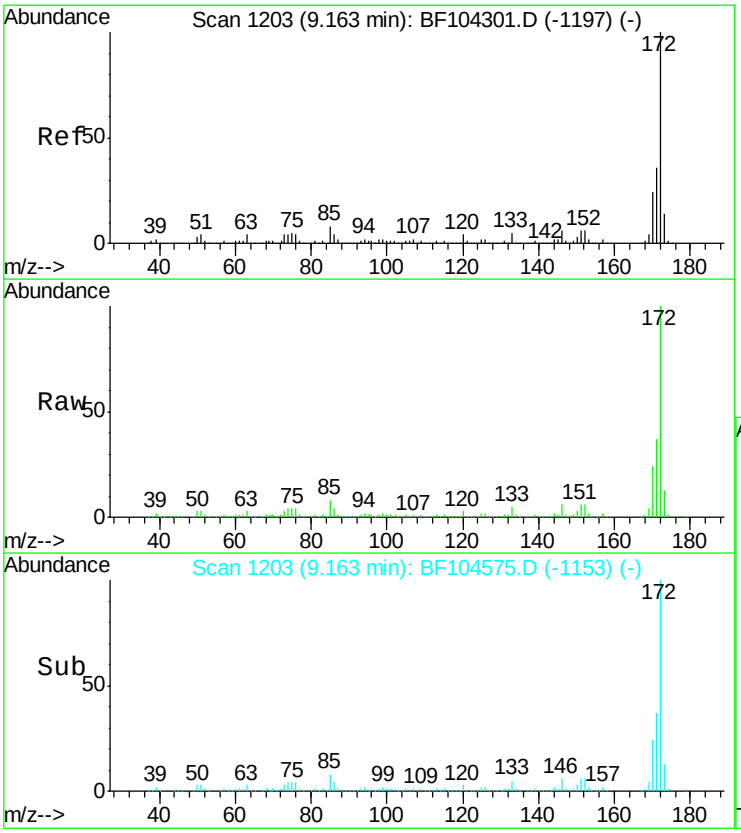
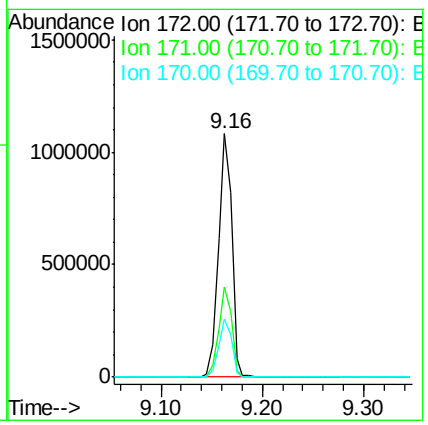


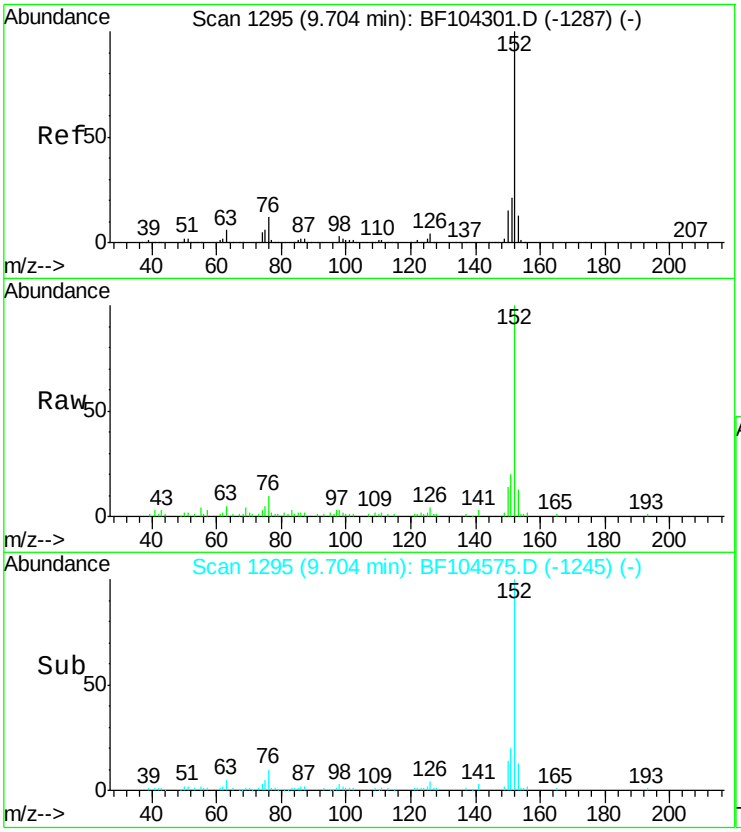


#44
2-Fluorobiphenyl
Concen: 67.868 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:172 Resp: 987712

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	19.6	29.4

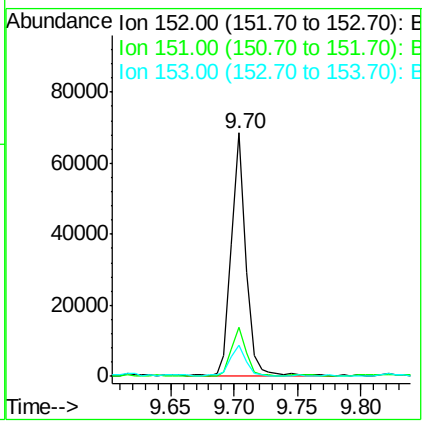




#48
Acenaphthylene
Concen: 2.291 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:152 Resp: 54846

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1



Instrument :
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ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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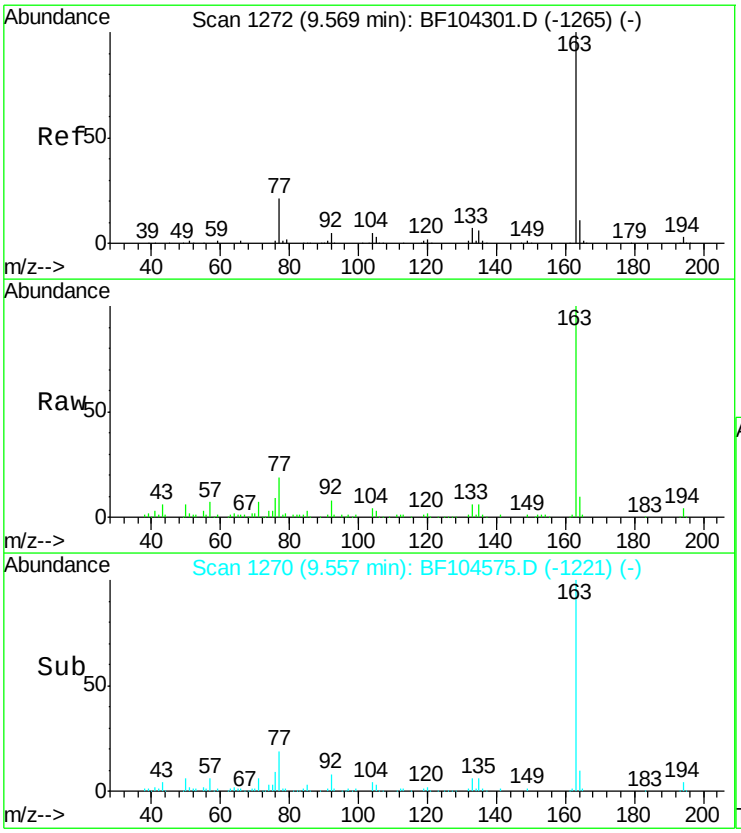
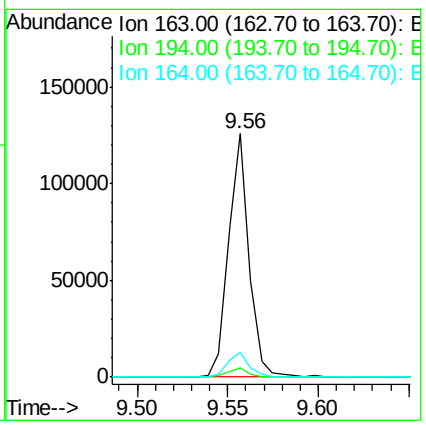
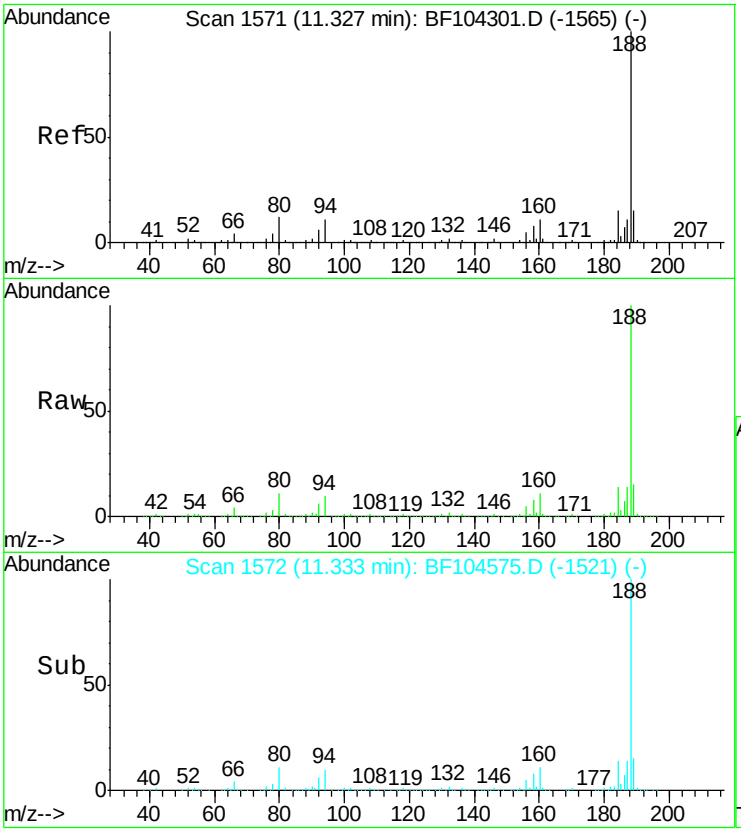


#49
Dimethylphthalate
Concen: 5.475 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:163 Resp: 99256

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

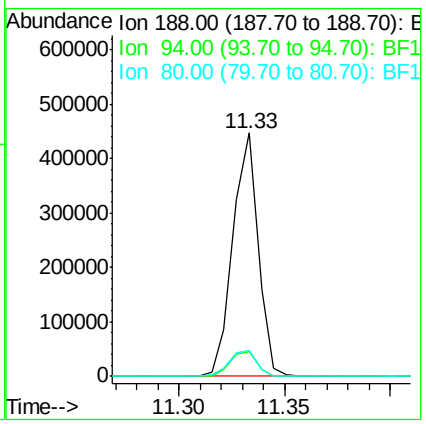




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:188 Resp: 369443

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
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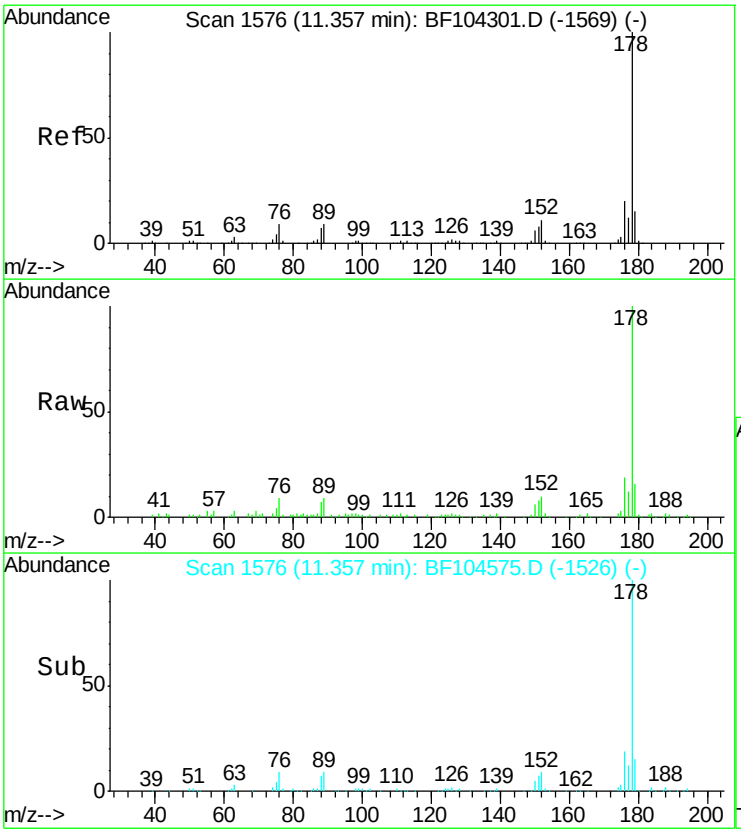
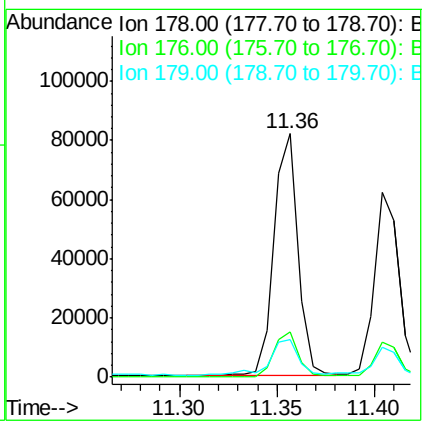
4/18/2018 3:01:02 PM

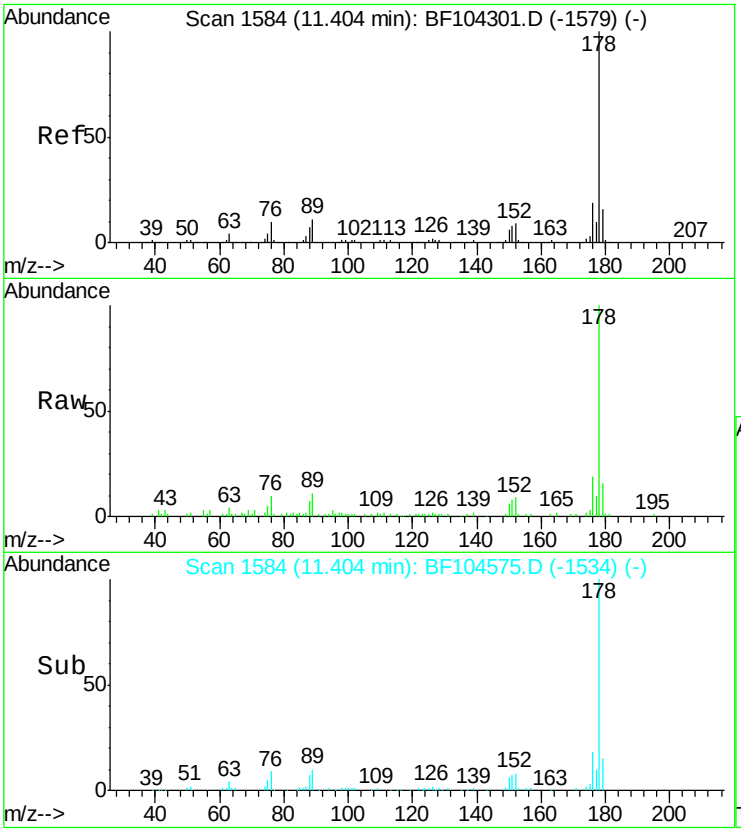


#70
Phenanthrene
Concen: 3.397 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:178 Resp: 69898

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.7	13.0	19.6

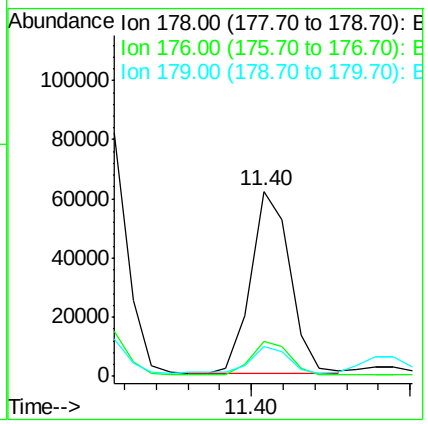




#71
Anthracene
Concen: 2.533 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:178 Resp: 52979

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.2	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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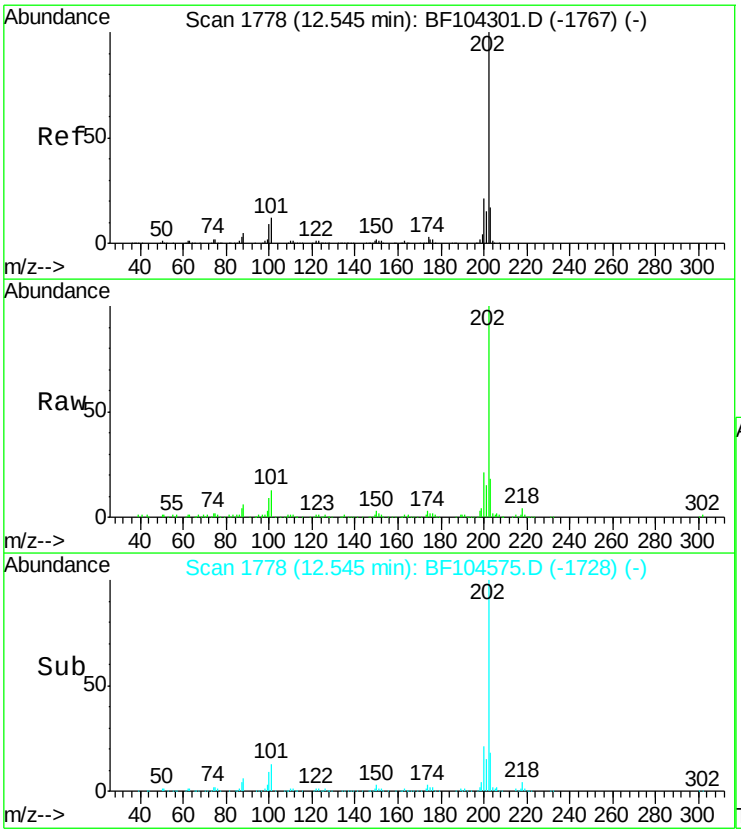
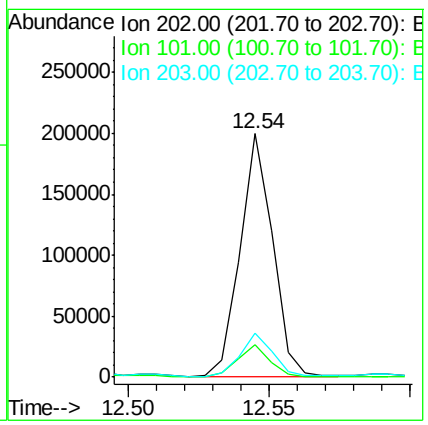
4/18/2018 3:01:02 PM

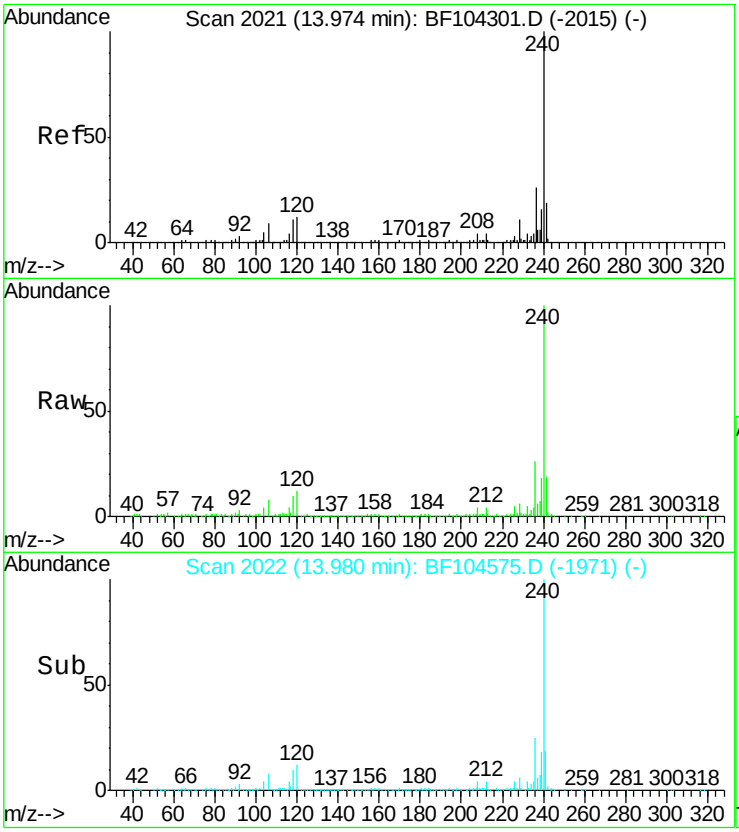


#74
Fluoranthene
Concen: 7.395 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:202 Resp: 158970

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.8	0.0	38.1

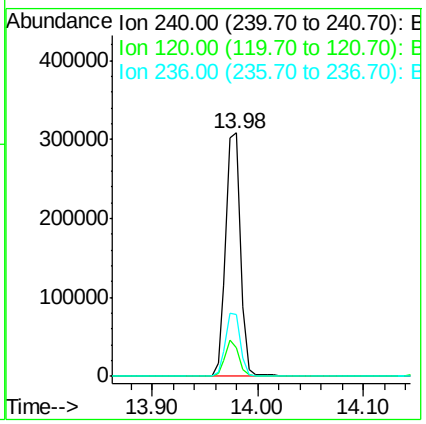




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

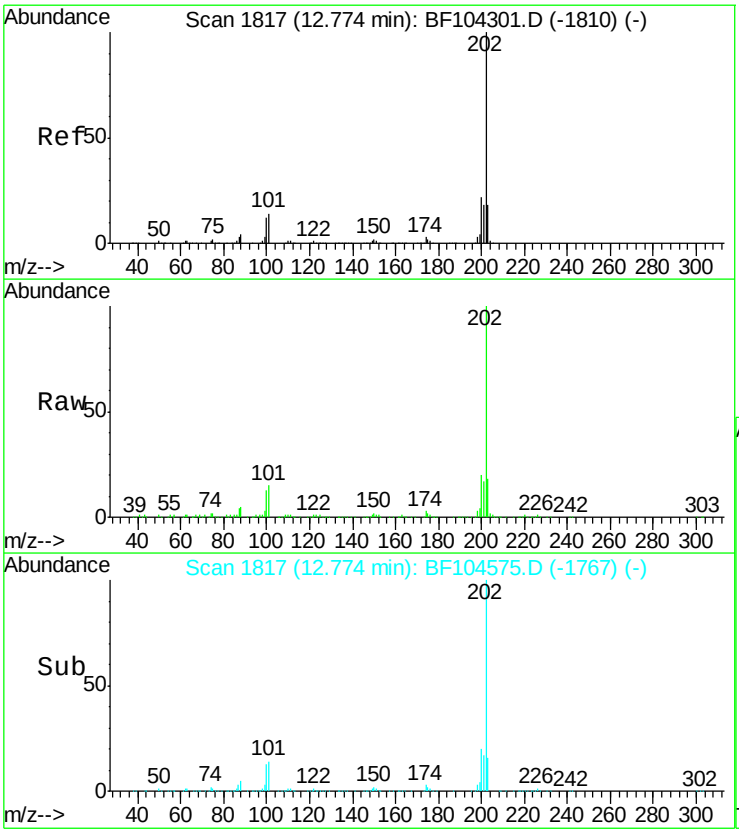
Tgt Ion:240 Resp: 299325

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.6	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

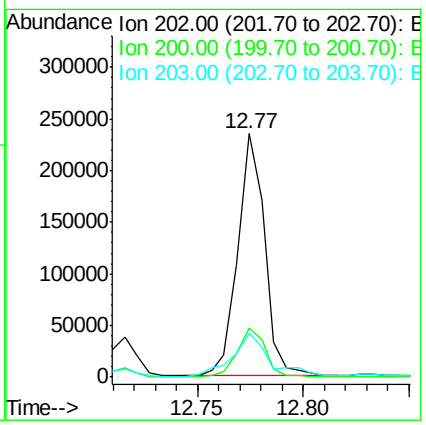
Manual Integrations APPROVED
Sohil
4/18/2018 3:01:02 PM

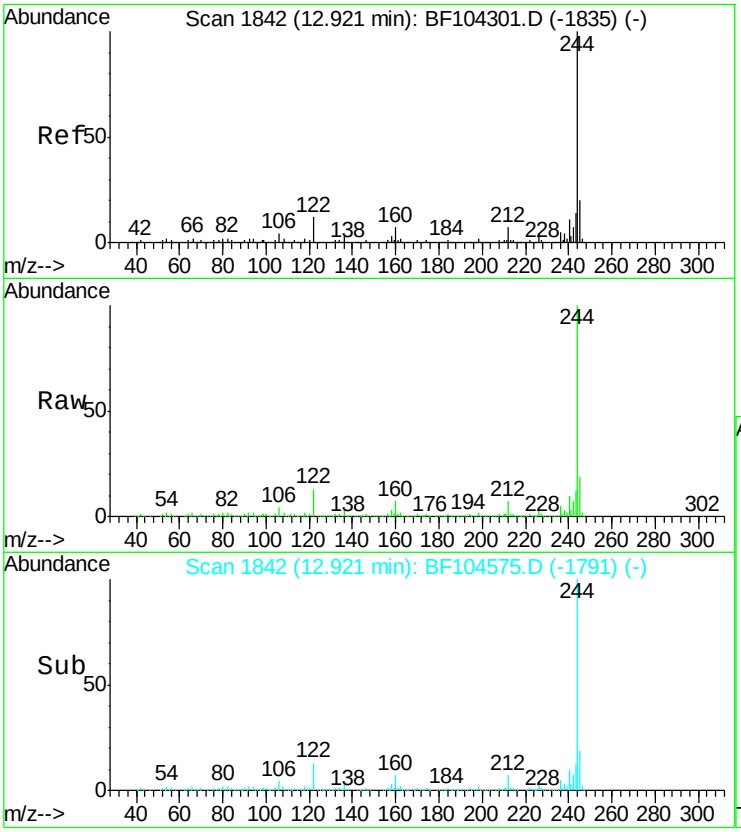


#77
Pyrene
Concen: 9.386 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:202 Resp: 208237

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.2	14.3	21.5

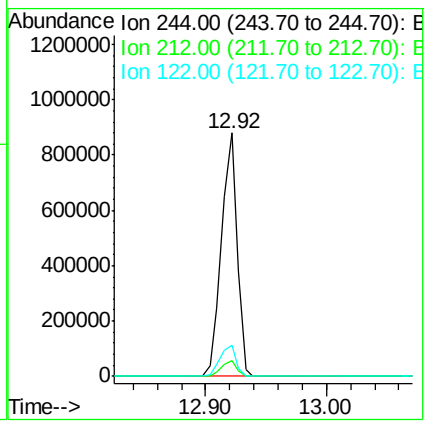




#78
Terphenyl-d14
Concen: 60.026 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:244 Resp: 788099

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.6	11.0	16.4



Instrument :
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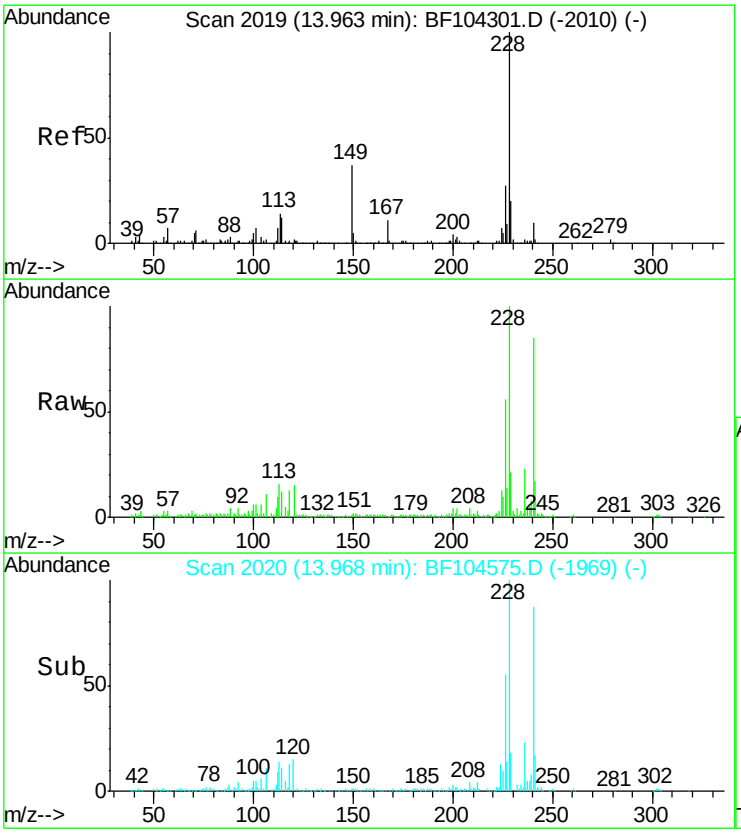
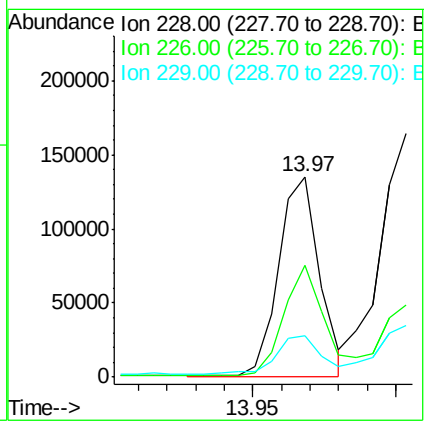
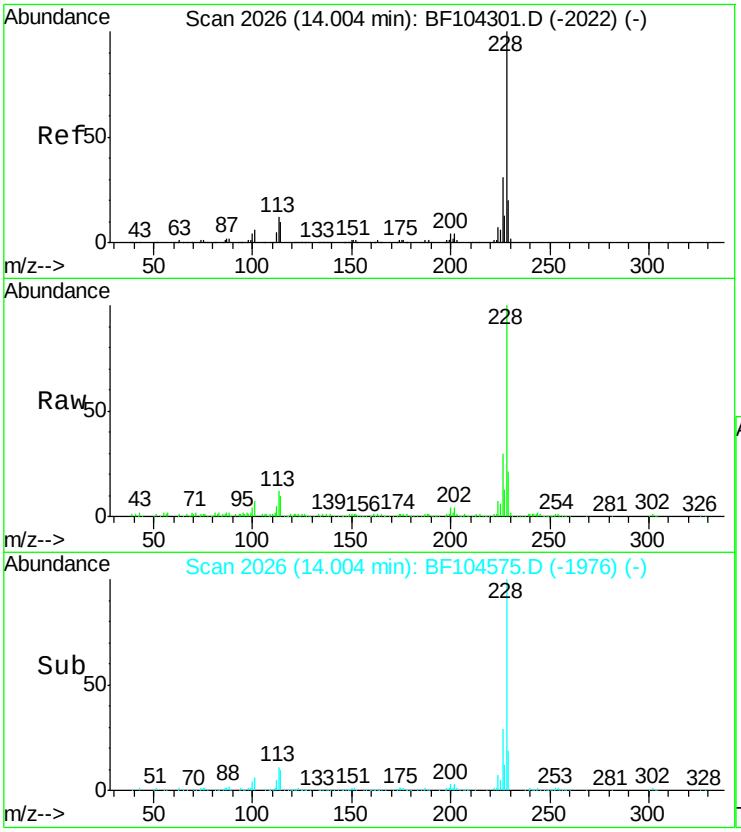


#80
Benzo(a)anthracene
Concen: 7.522 ng m
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:228 Resp: 134507

Ion	Ratio	Lower	Upper
228	100		
226	55.8	22.6	33.8#
229	20.8	15.8	23.6

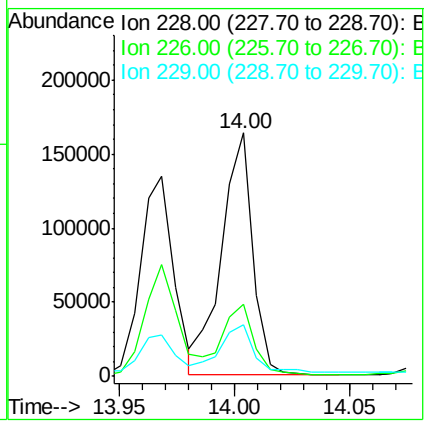




#82
Chrysene
Concen: 8.399 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:228 Resp: 154274

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.2	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

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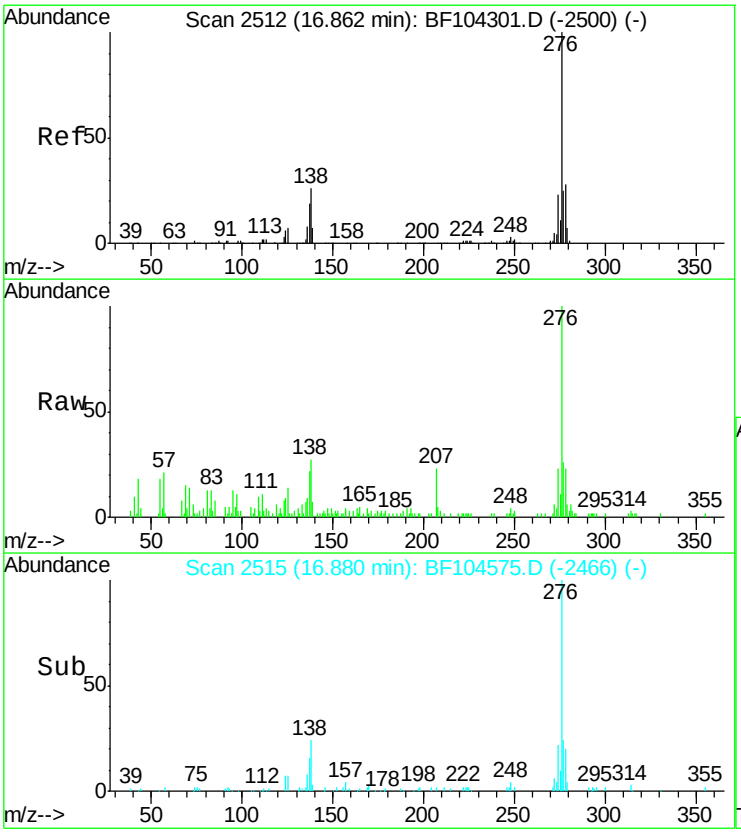
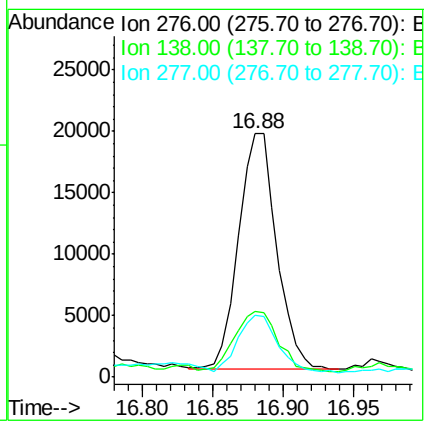
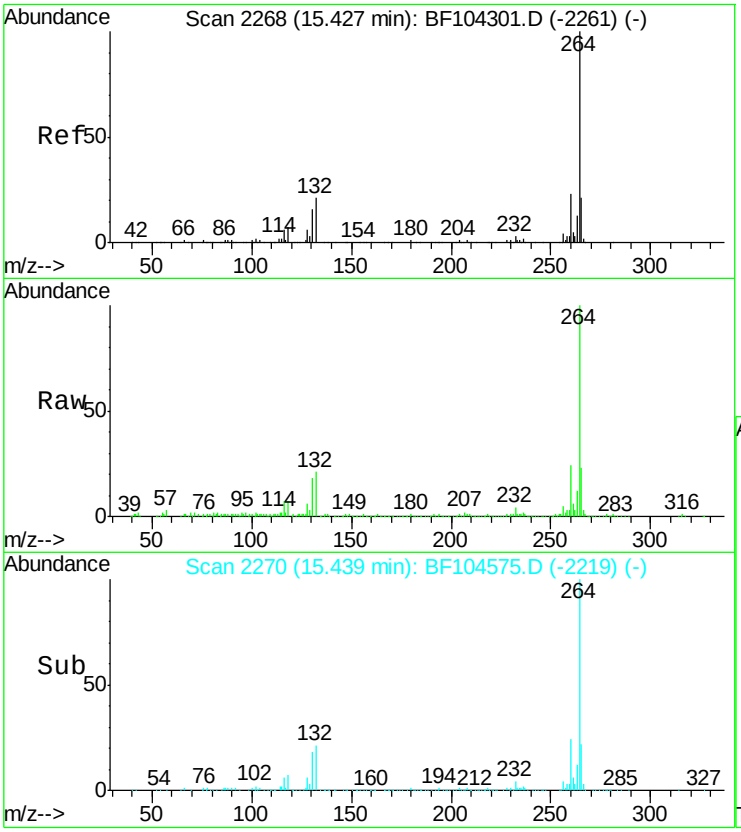


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.305 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:276 Resp: 35964

Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.0	37.6
277	26.7	20.1	30.1

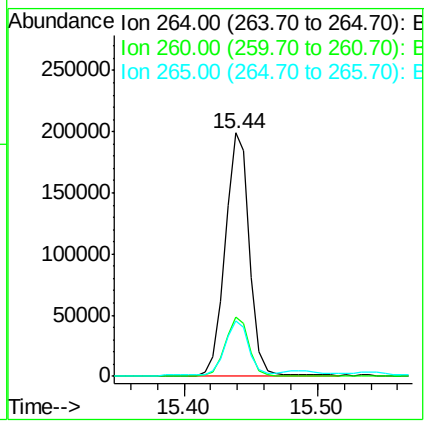




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:264 Resp: 252711

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3



Instrument :
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ClientSampleId :
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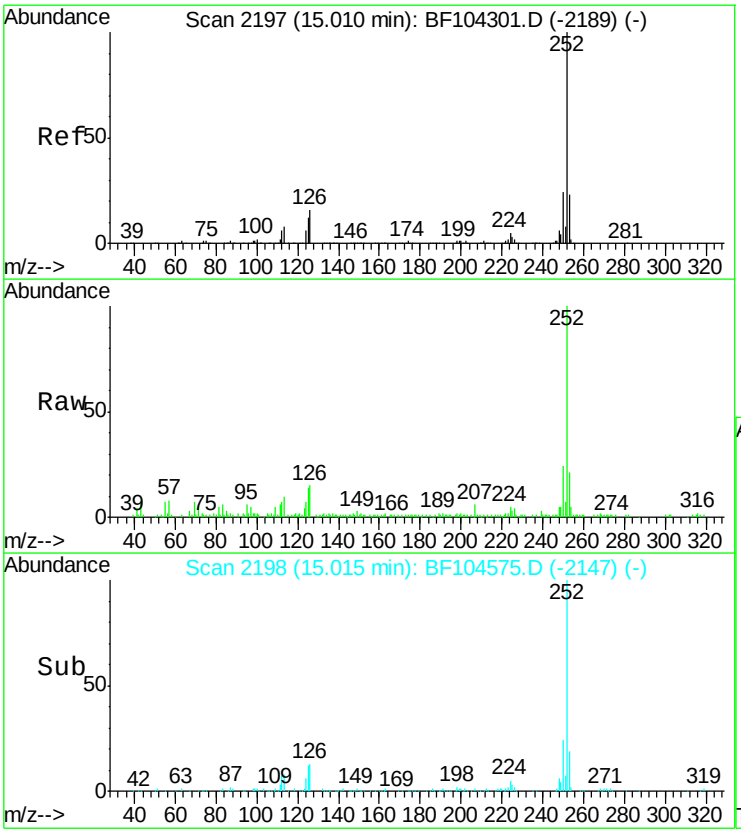
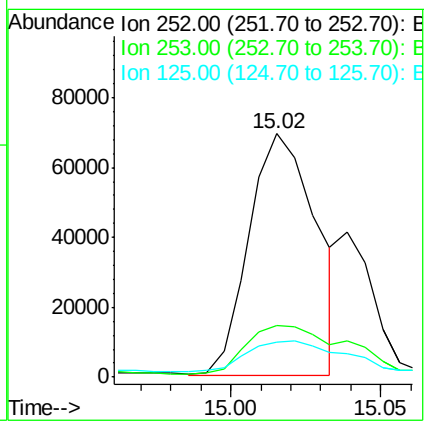
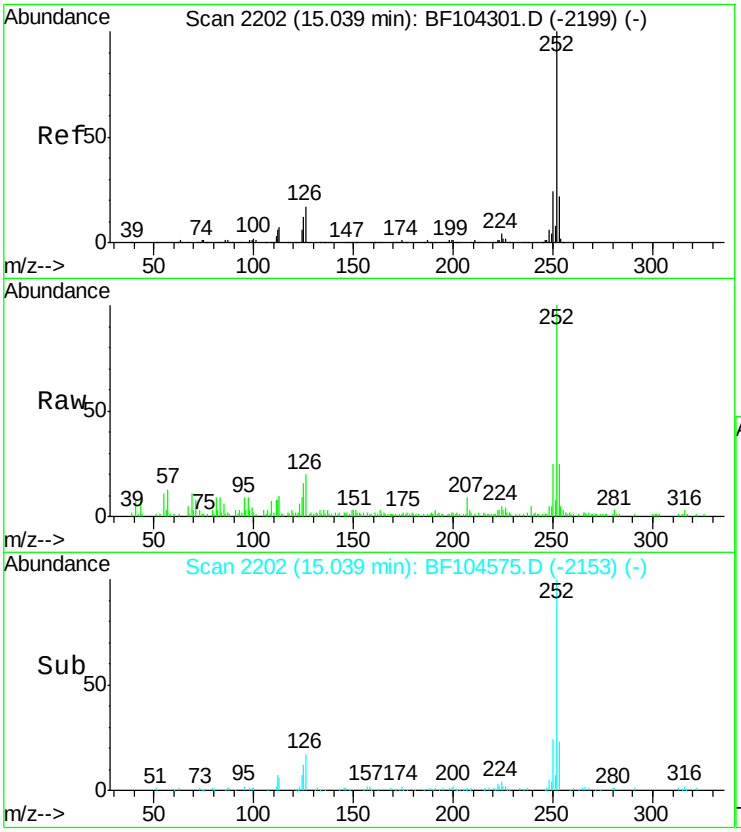


#87
Benzo(b)fluoranthene
Concen: 6.754 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:252 Resp: 107801

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	14.3	9.0	13.6#

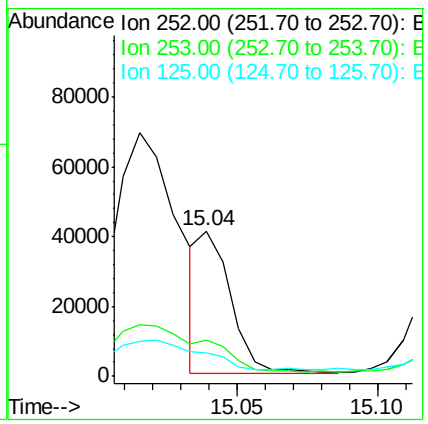




#88
Benzo(k)fluoranthene
Concen: 2.171 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:252 Resp: 32714

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.8	10.2	15.2#



Instrument :
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ClientSampleId :
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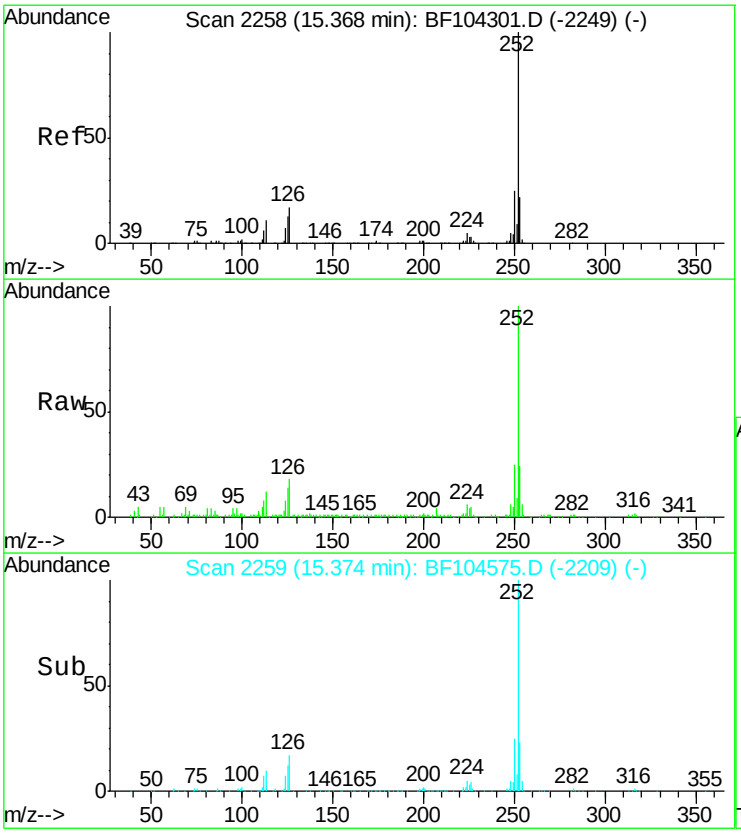
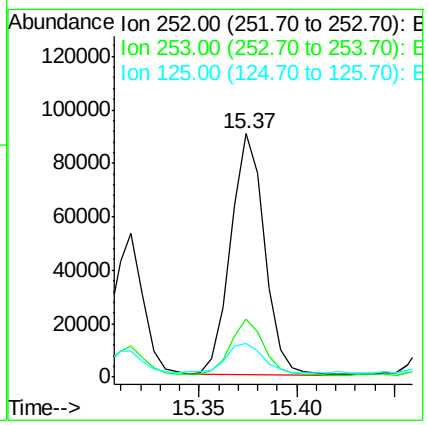
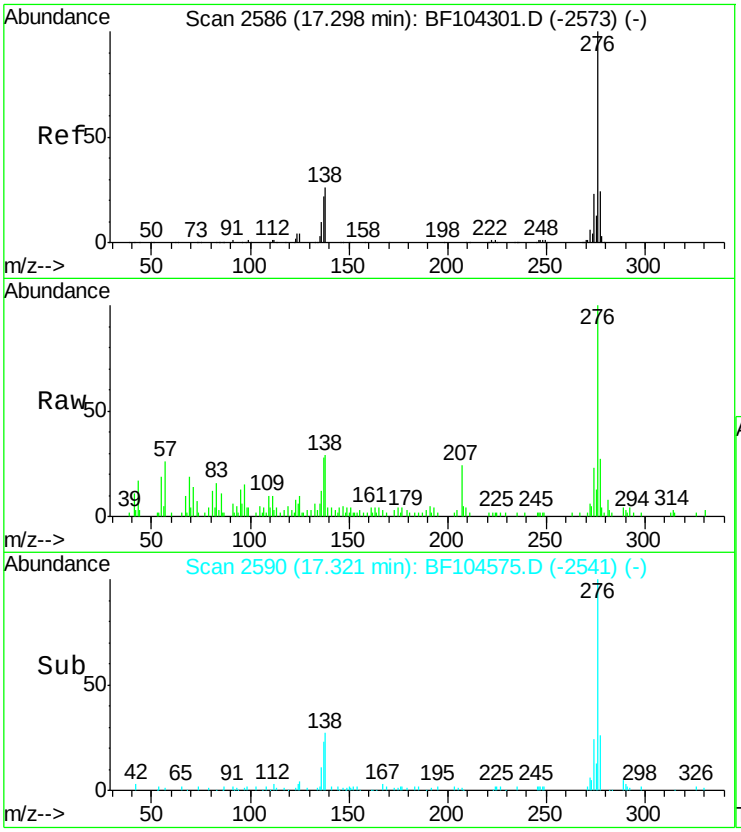


#89
Benzo(a)pyrene
Concen: 7.563 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:252 Resp: 108011

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	14.1	9.8	14.6

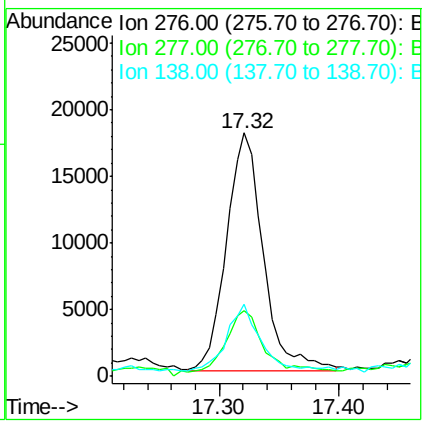




#91
Benzo(g,h,i)perylene
Concen: 3.388 ng m
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF104575.D
Acq: 17 Apr 2018 21:29

Tgt Ion:276 Resp: 38503

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	29.5	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
20180247-FIELD-DUPLICATE

Manual Integrations APPROVED
Sohil
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