Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110434.D
Acq On : 3 Nov 2018 1:32
Operator : JU/SJ
Sample : J5769-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:56 AM

Quant Time: Nov 03 03:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81499	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299200	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	122355	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	206840	20.00	ng	0.00
76) Chrysene-d12	14.13	240	136696	20.00	ng	0.00
87) Perylene-d12	15.66	264	100498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	513816	102.67	ng	0.00
7) Phenol-d6	6.58	99	635360	99.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	377169	74.77	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	114263	94.28	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	656452	84.25	ng	0.00
79) Terphenyl-d14	13.07	244	509906	77.58	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	37249	5.444	ng	# 68
50) Dimethylphthalate	9.70	163	87049	9.638	ng	99
71) Phenanthrene	11.52	178	38685	3.574	ng	97
75) Fluoranthene	12.70	202	95391	8.685	ng	100
78) Pyrene	12.94	202	91545	9.341	ng	98
81) Benzo(a)anthracene	14.12	228	39502m	4.873	ng	
83) Chrysene	14.16	228	37783	4.907	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	14565	2.280	ng	# 83
88) Benzo(b)fluoranthene	15.20	252	40528m	6.983	ng	
89) Benzo(k)fluoranthene	15.23	252	12072m	2.116	ng	
90) Benzo(a)pyrene	15.60	252	26725	5.005	ng	# 96
92) Benzo(g,h,i)perylene	17.70	276	16621	3.661	ng	# 88

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110434.D
Acq On : 3 Nov 2018 1:32
Operator : JU/SJ
Sample : J5769-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 03 03:38:59 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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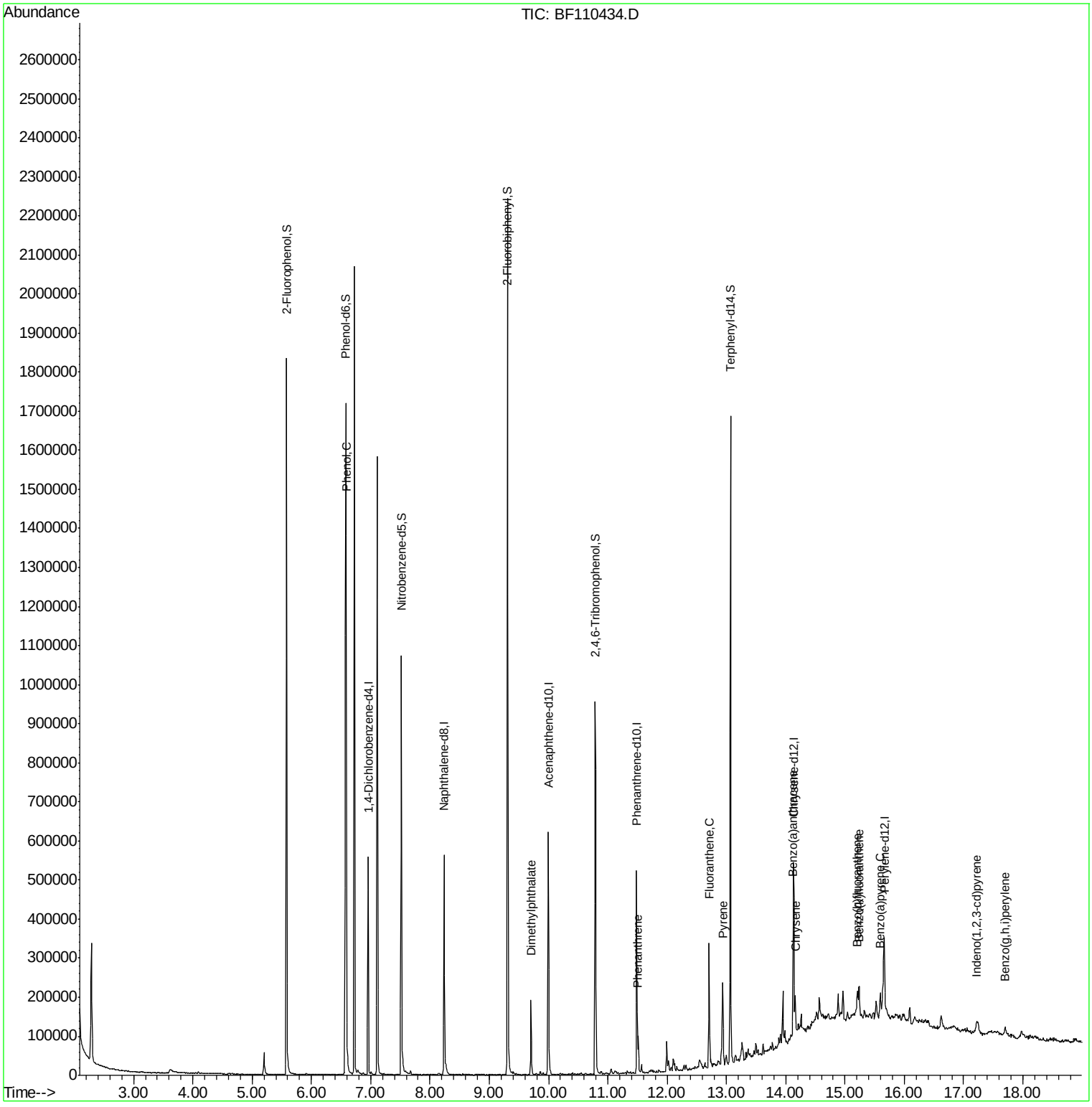
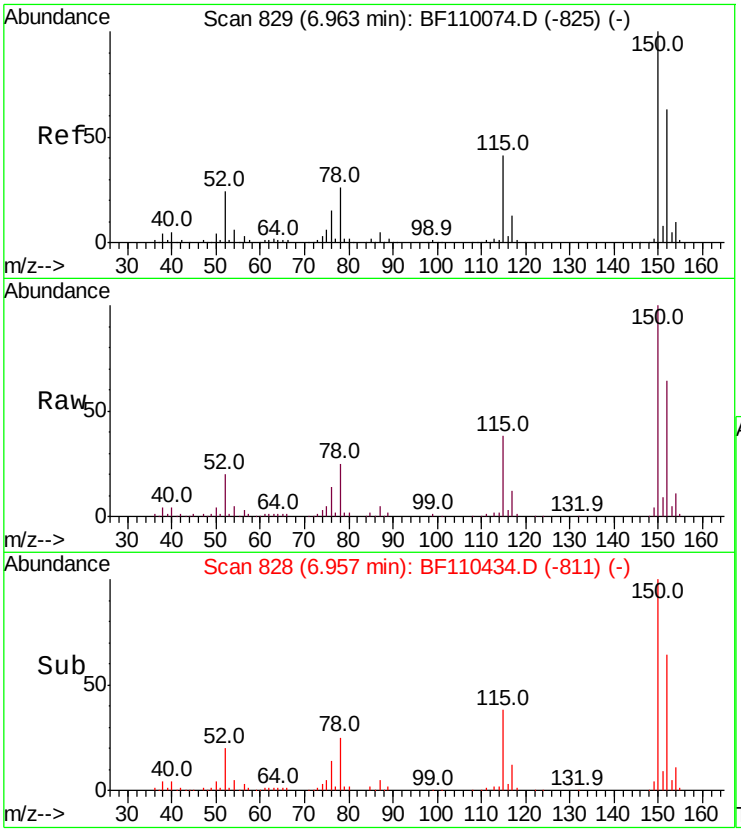
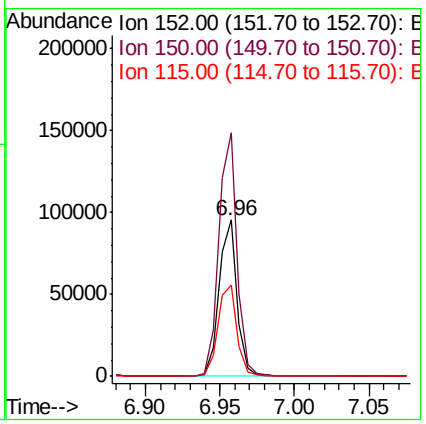




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:152 Resp: 81499

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	58.7	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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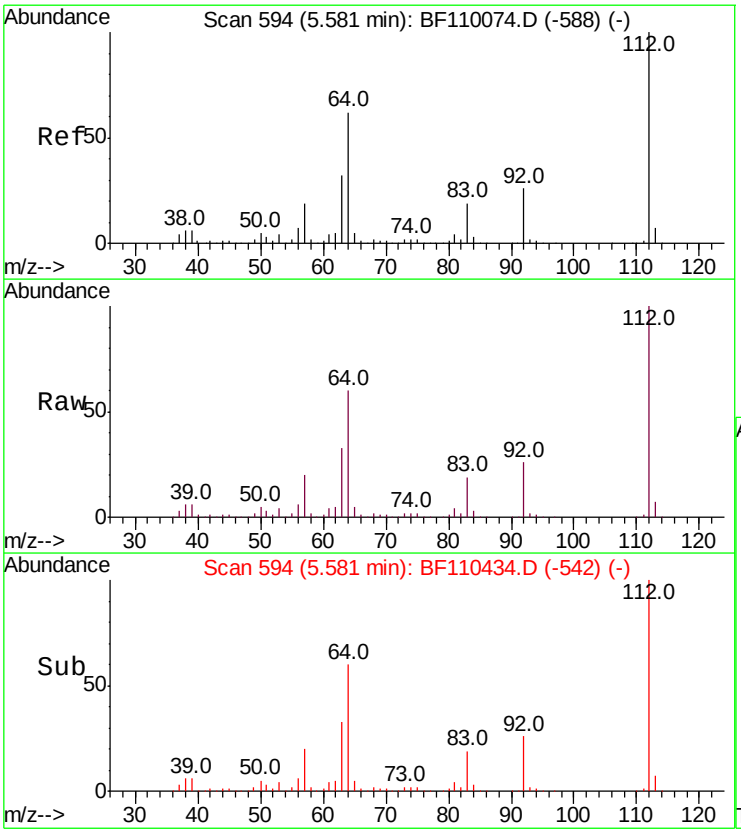
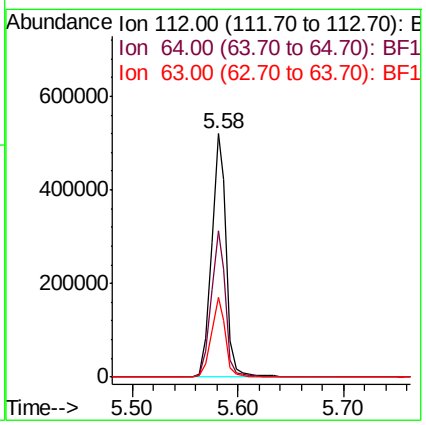
11/5/2018 10:32:56 AM

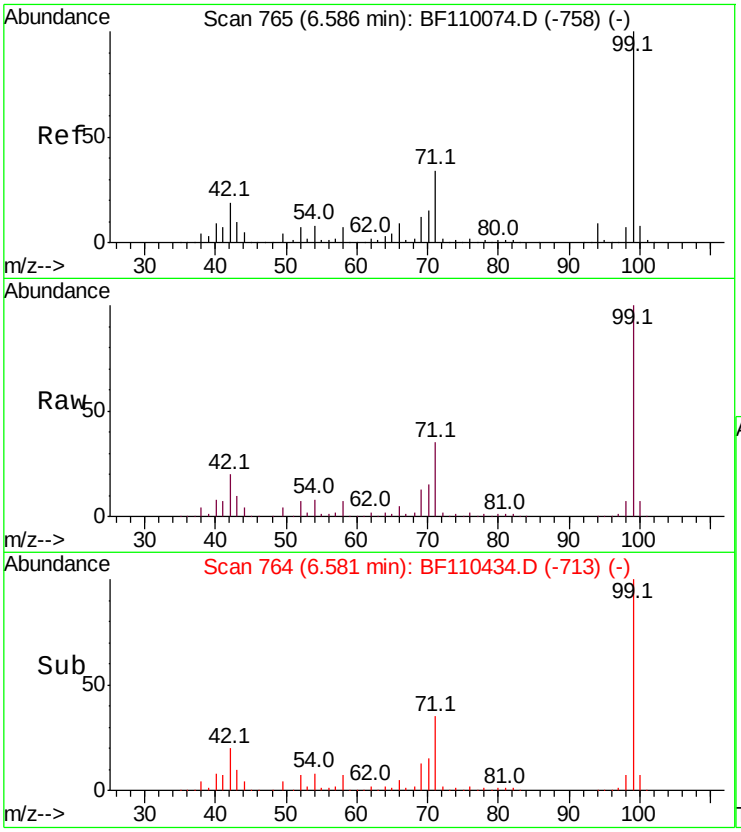


#5
2-Fluorophenol
Concen: 102.667 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:112 Resp: 513816

Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	32.6	23.7	35.5

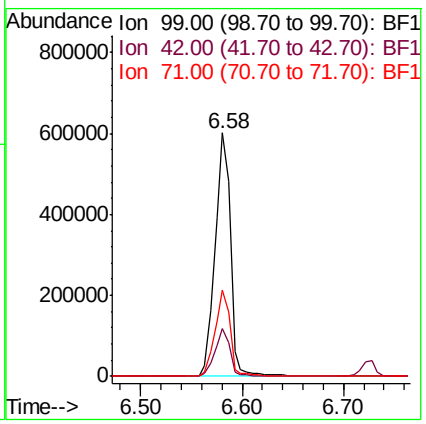




#7
Phenol-d6
Concen: 99.254 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion: 99 Resp: 635360

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.3	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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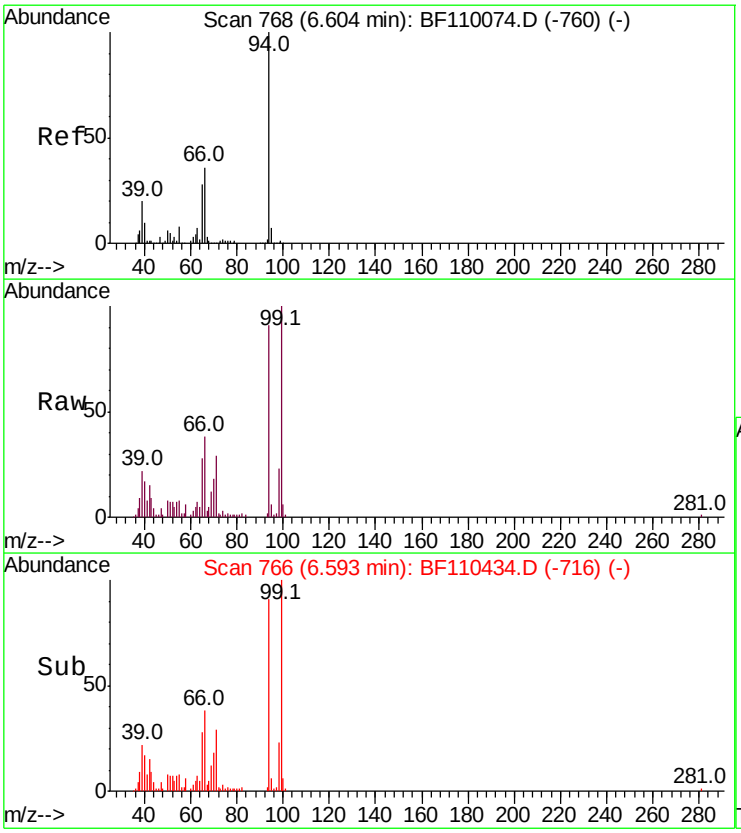
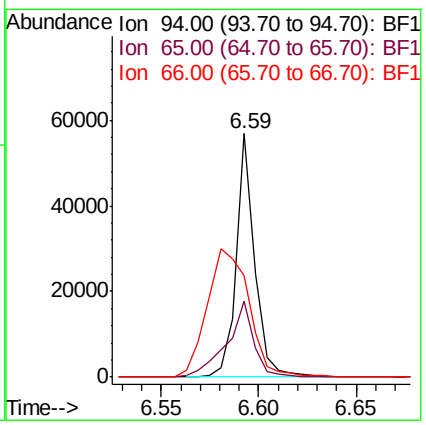
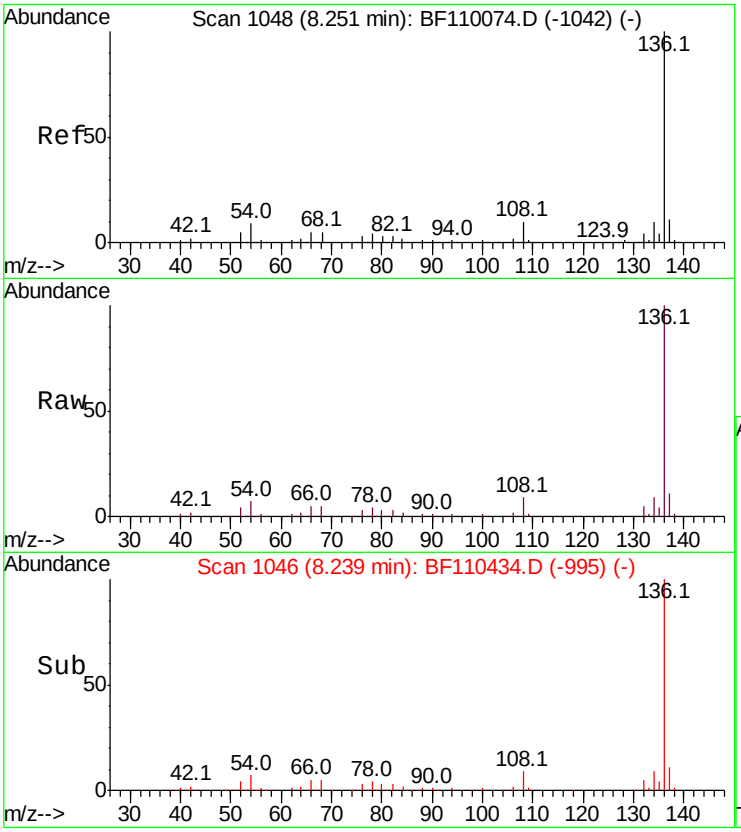


#10
Phenol
Concen: 5.444 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion: 94 Resp: 37249

Ion	Ratio	Lower	Upper
94	100		
65	31.0	25.3	65.3
66	41.8	54.5	94.5#

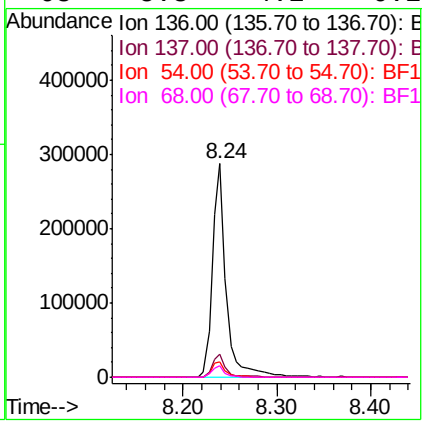




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:136 Resp: 299200

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.4	8.2
68	5.3	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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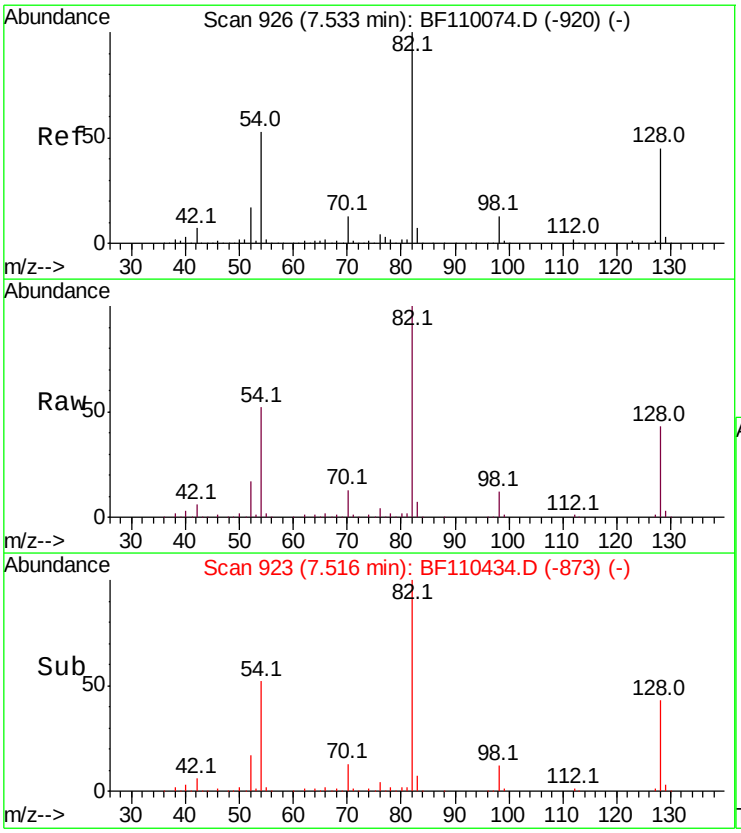
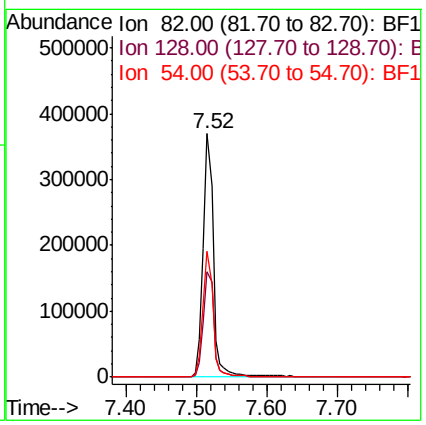
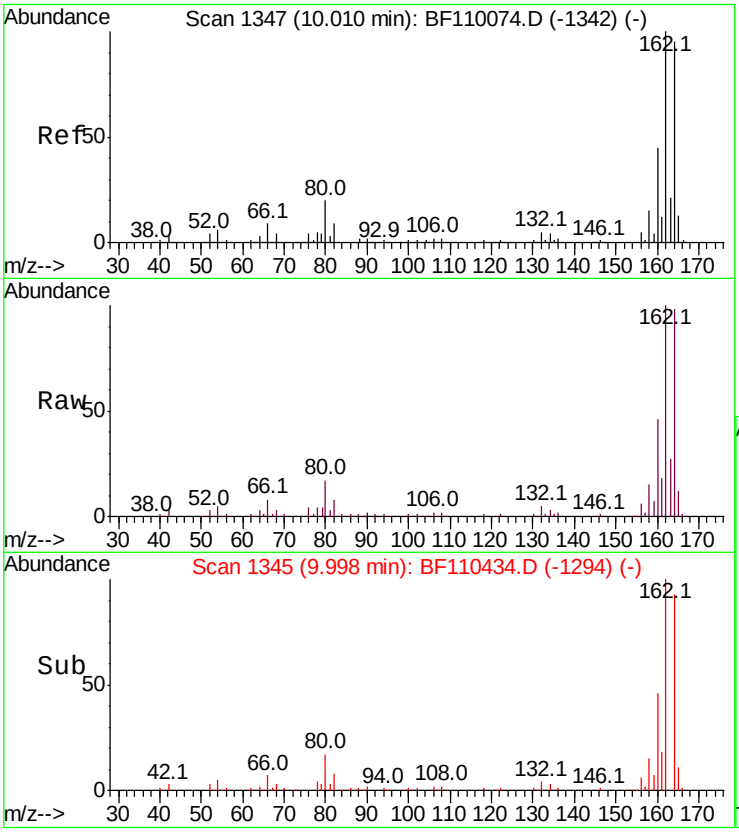


#23
Nitrobenzene-d5
Concen: 74.770 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion: 82 Resp: 377169

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.2	51.2
54	51.8	38.6	58.0

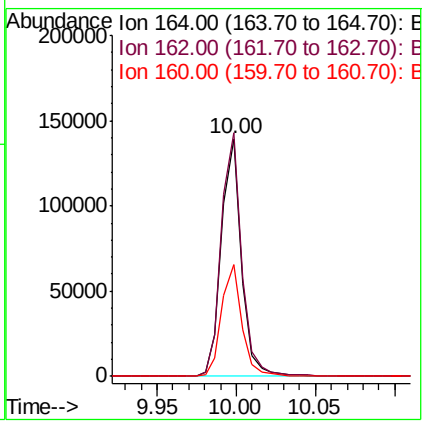




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:164 Resp: 122355

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.6
160	46.8	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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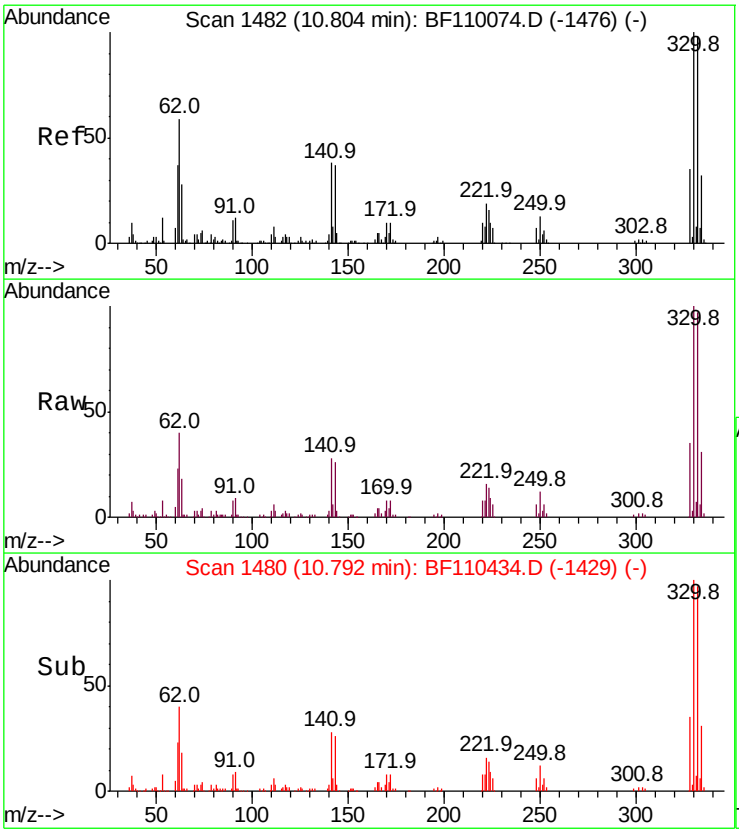
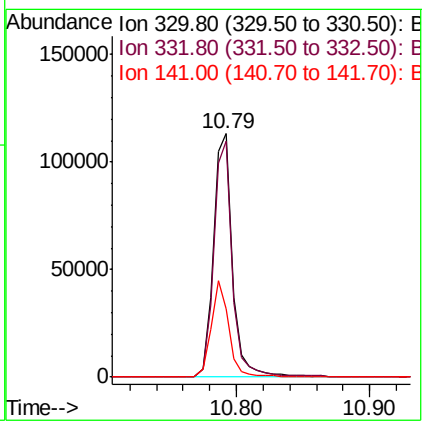
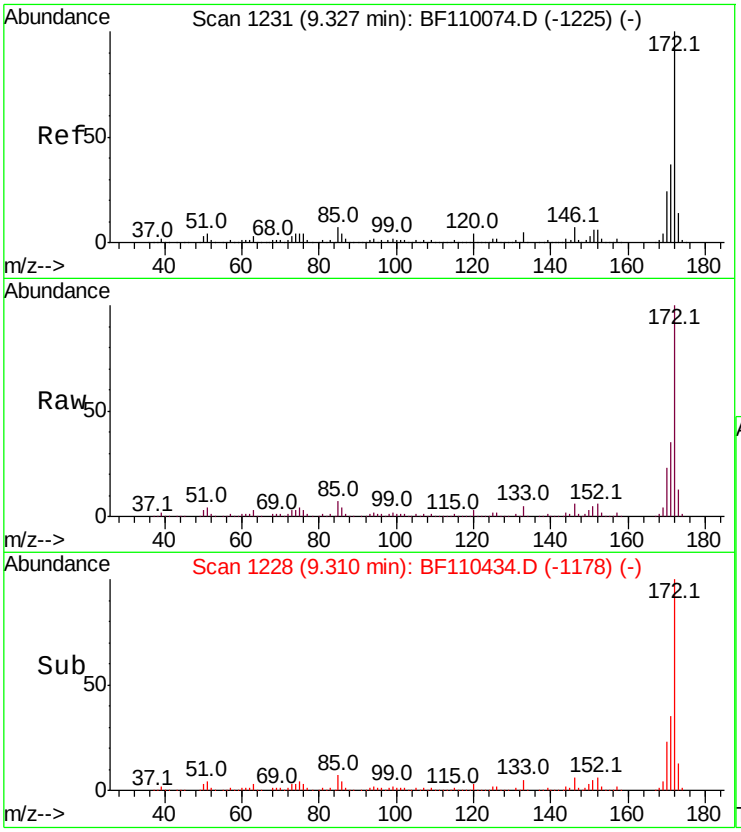


#42
2,4,6-Tribromophenol
Concen: 94.276 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:330 Resp: 114263

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	36.5	27.0	40.4

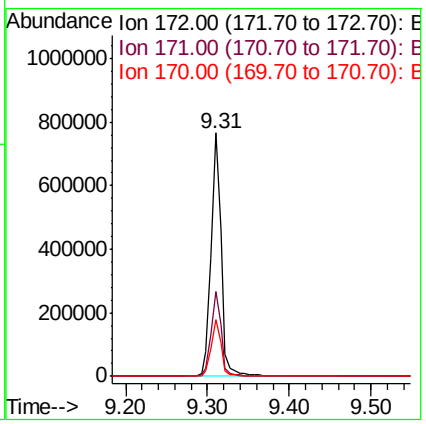




#45
2-Fluorobiphenyl
Concen: 84.247 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:172 Resp: 656452

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

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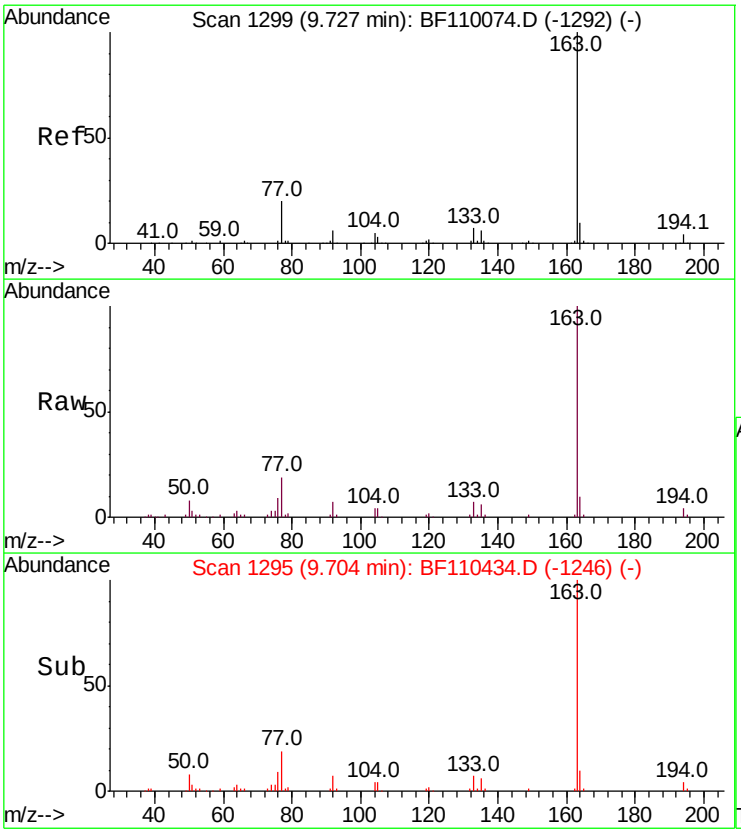
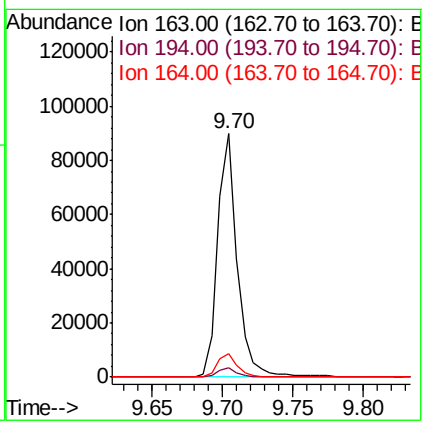
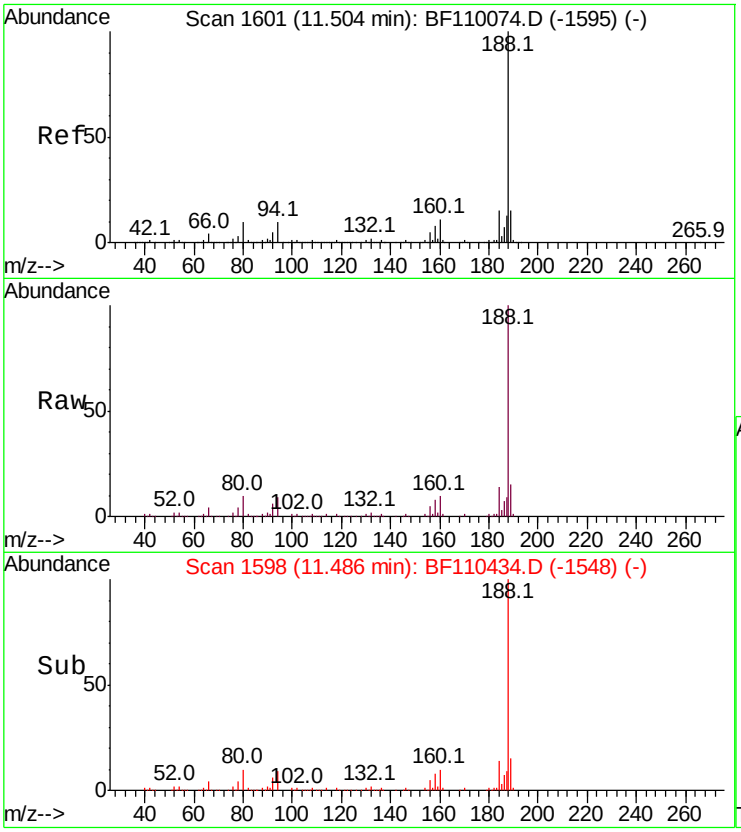


#50
Dimethylphthalate
Concen: 9.638 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:163 Resp: 87049

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.8	8.1	12.1

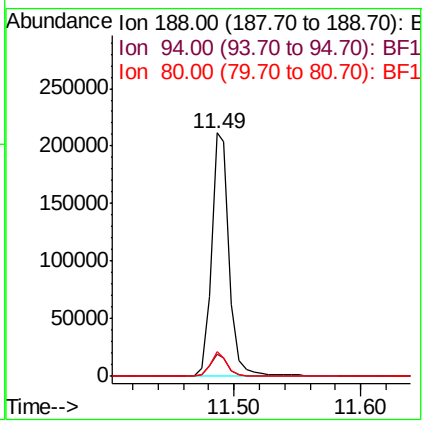




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:188 Resp: 206840

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.4	7.9	11.9



Instrument :
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ClientSampleId :
GOFFLE-RD-2

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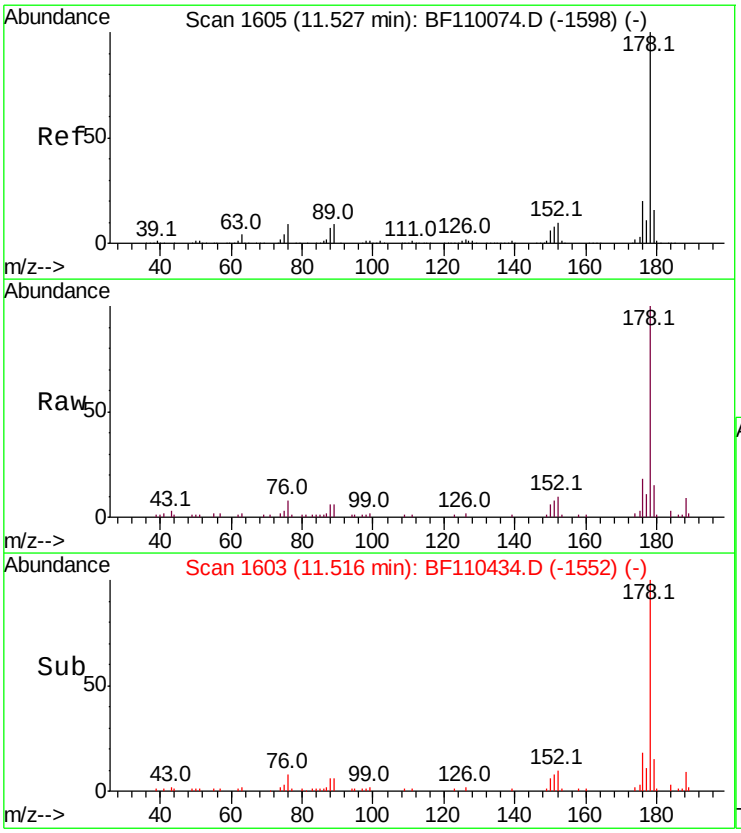
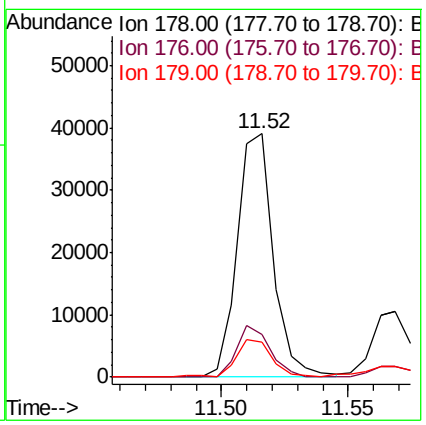
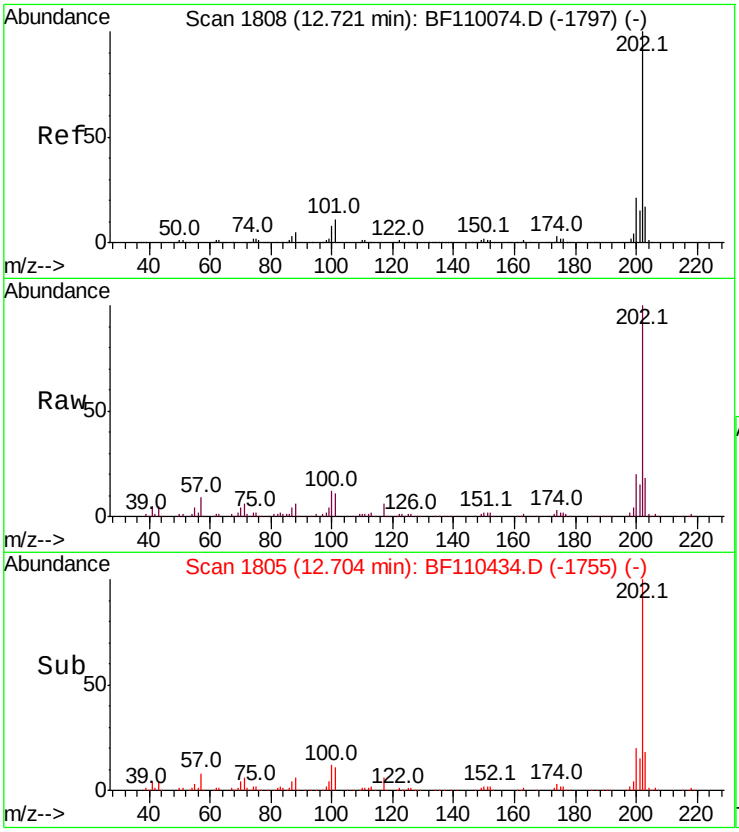


#71
Phenanthrene
Concen: 3.574 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:178 Resp: 38685

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.5	23.3
179	14.6	12.5	18.7

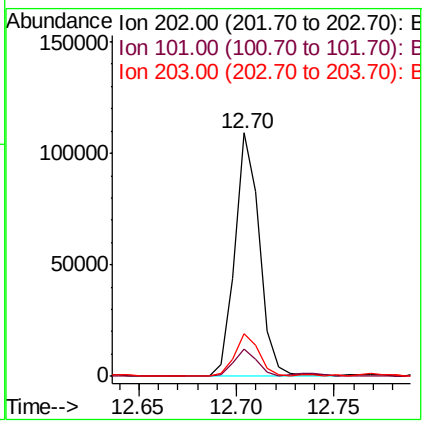




#75
Fluoranthene
Concen: 8.685 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:202 Resp: 95391

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.6	0.0	37.7



Instrument :
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ClientSampleId :
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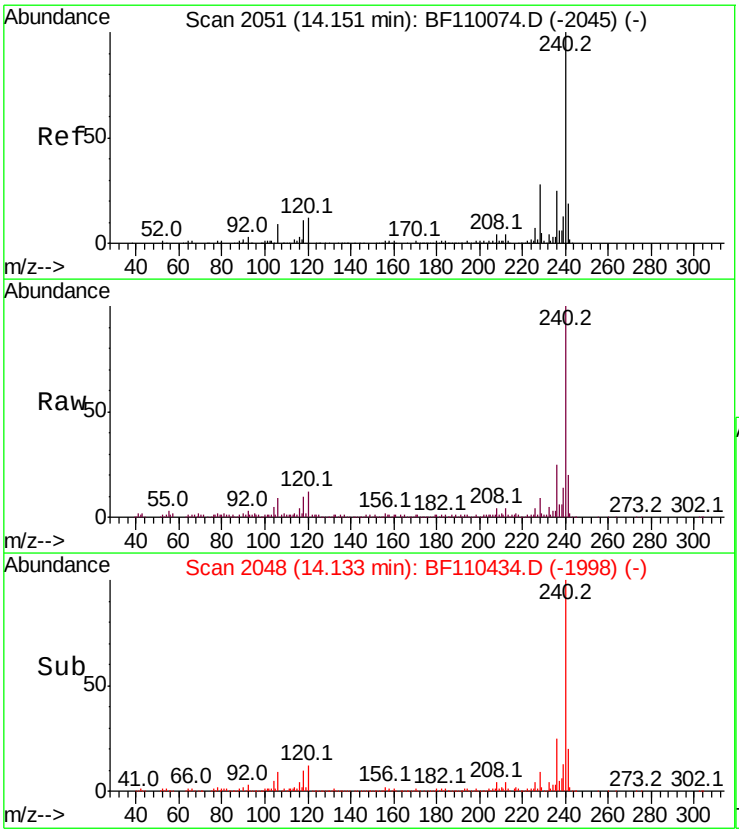
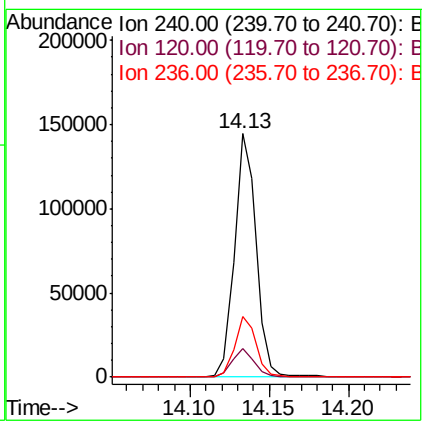
Manual Integrations APPROVED
Sohil
11/5/2018 10:32:56 AM

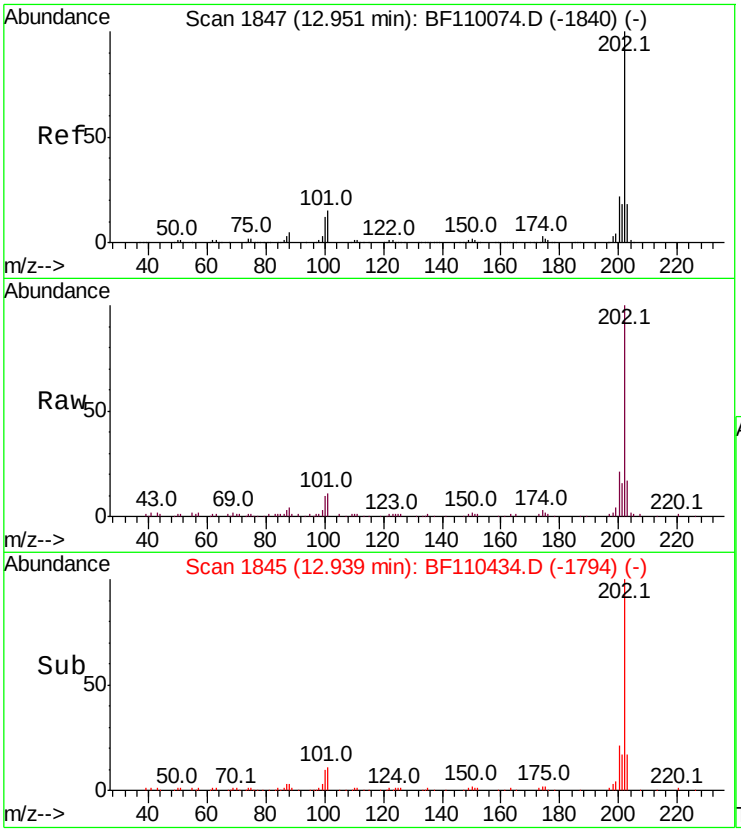


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:240 Resp: 136696

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.0	21.2	31.8

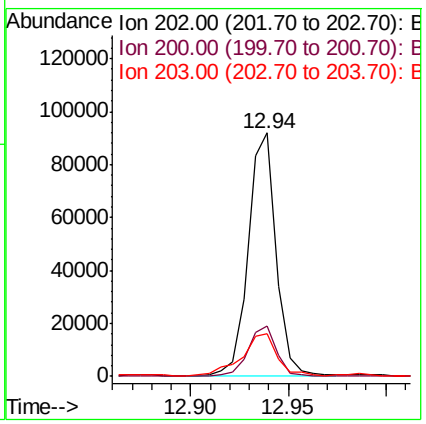




#78
Pyrene
Concen: 9.341 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:202 Resp: 91545

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	17.3	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
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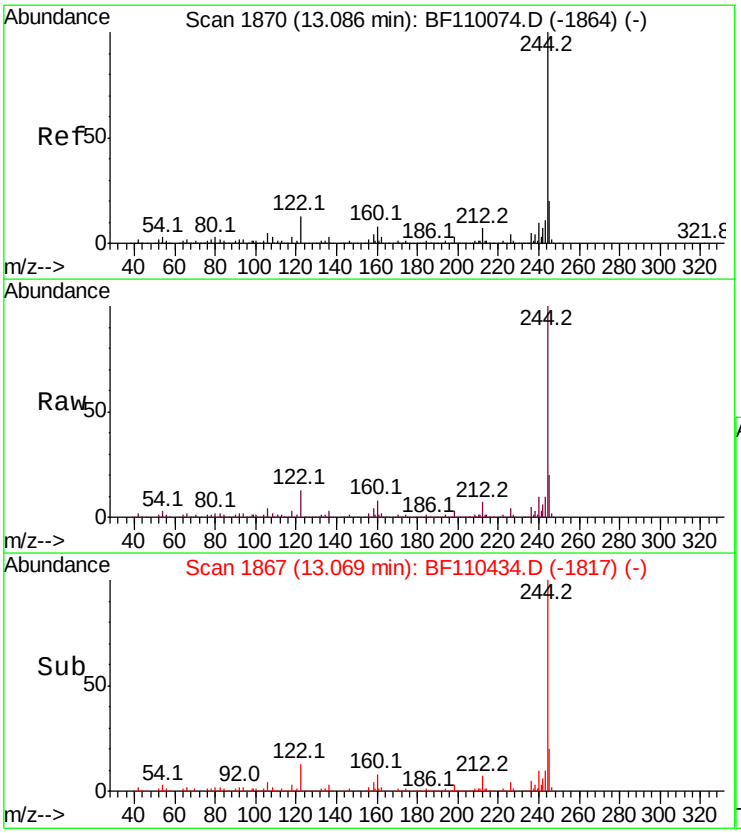
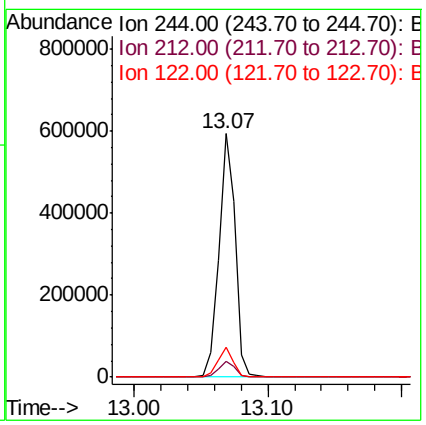
11/5/2018 10:32:56 AM

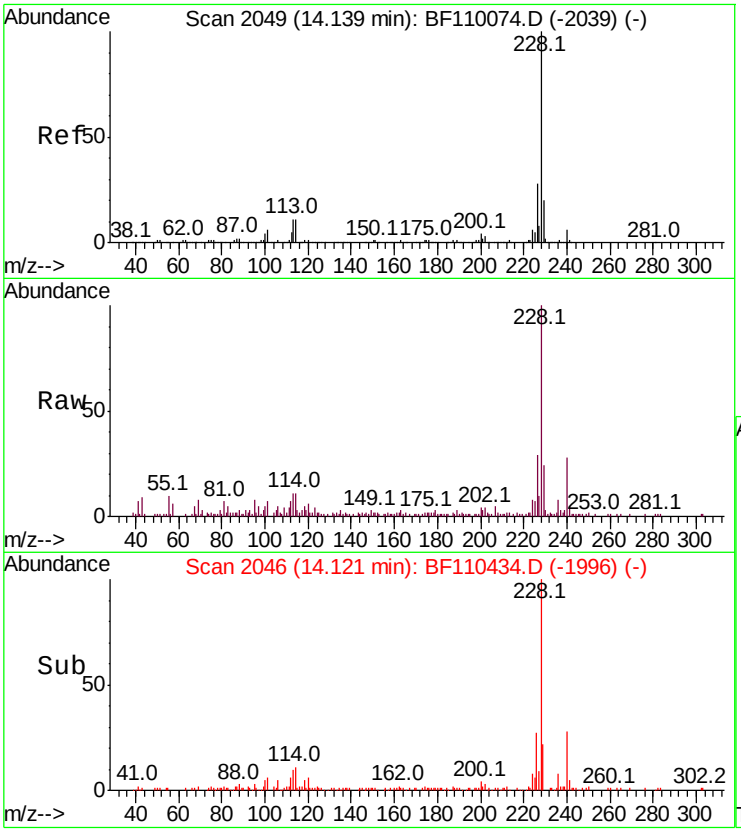


#79
Terphenyl-d14
Concen: 77.578 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:244 Resp: 509906

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.5	8.7	13.1





#81
Benzo(a)anthracene
Concen: 4.873 ng m
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:228 Resp: 39502

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	24.3	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

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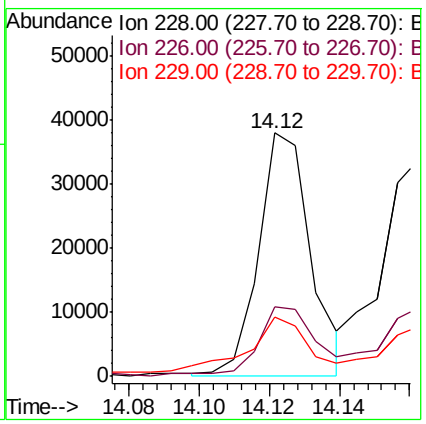
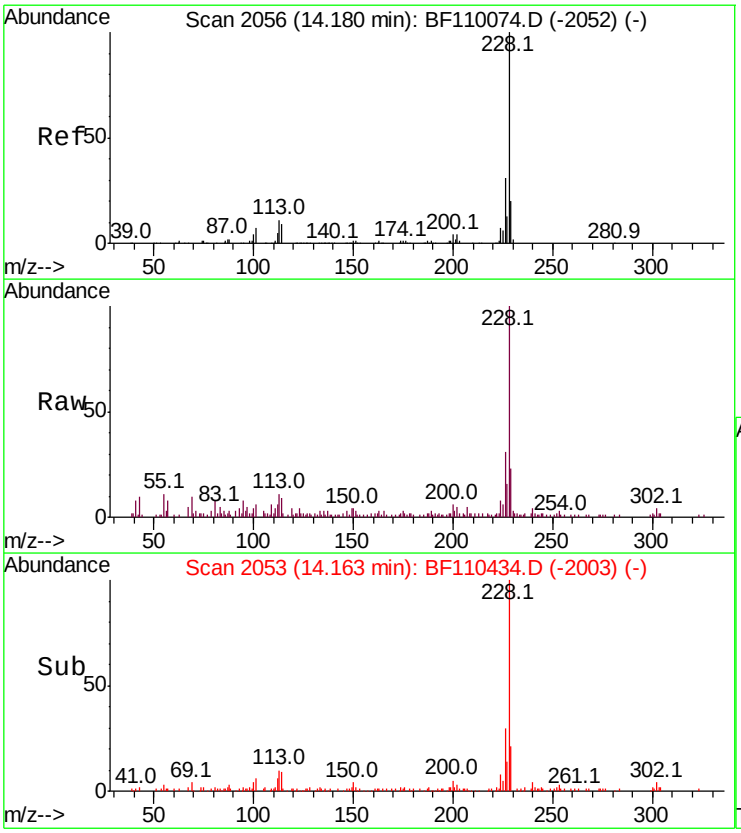
11/5/2018 10:32:56 AM

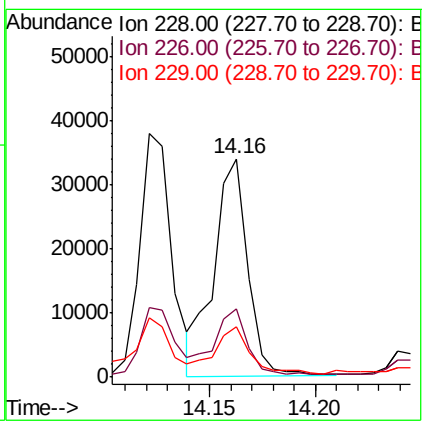


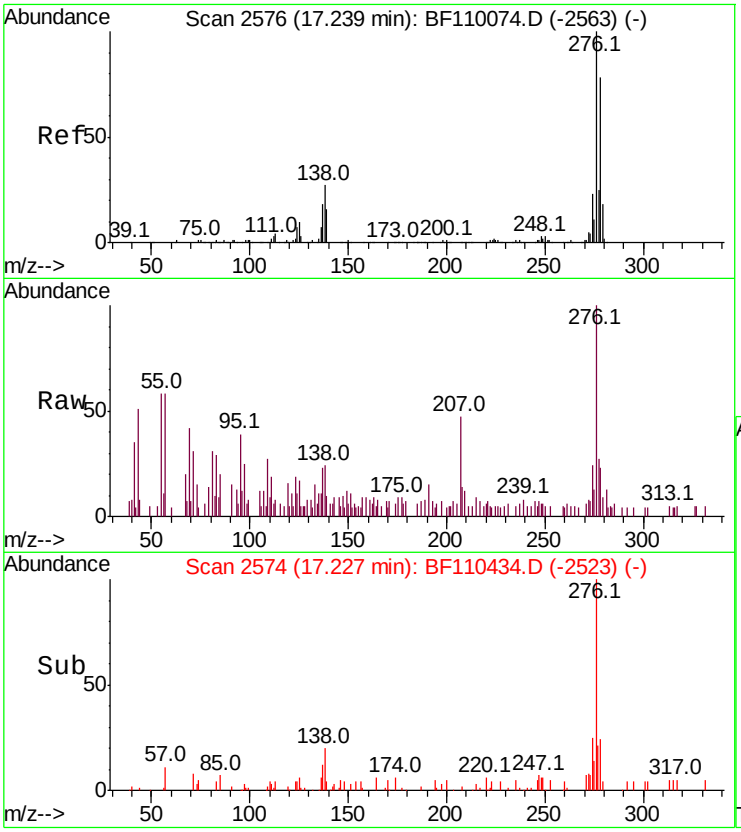


#83
Chrysene
Concen: 4.907 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:228 Resp: 37783

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	22.8	15.9	23.9





#86
Indeno(1,2,3-cd)pyrene
Concen: 2.280 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:276 Resp: 14565

Ion	Ratio	Lower	Upper
276	100		
138	26.0	18.5	27.7
277	39.0	20.0	30.0#

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

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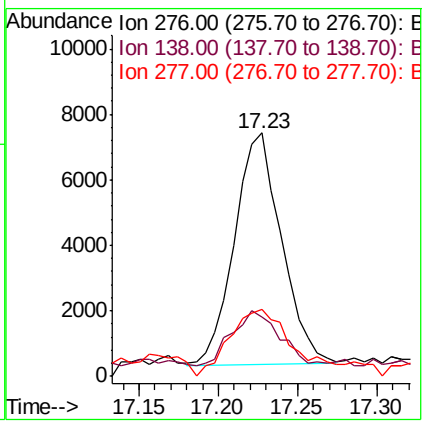
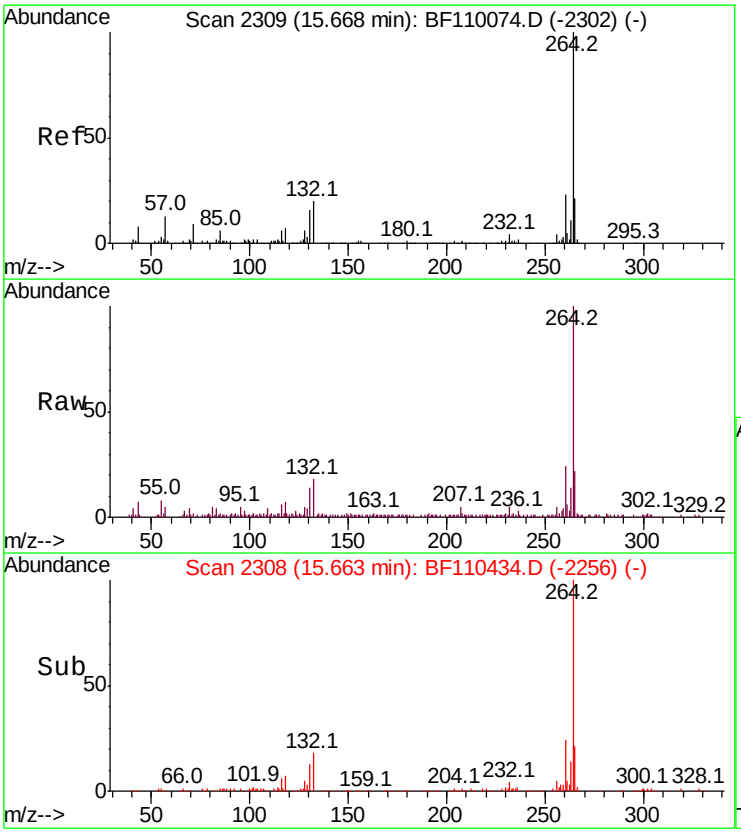
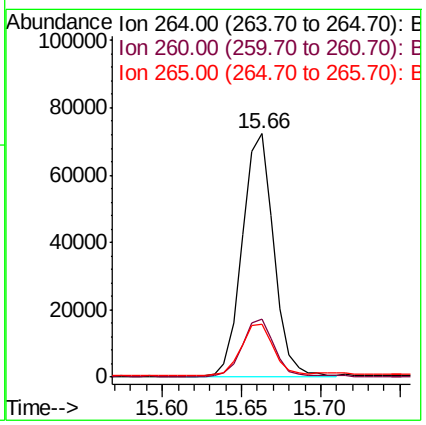


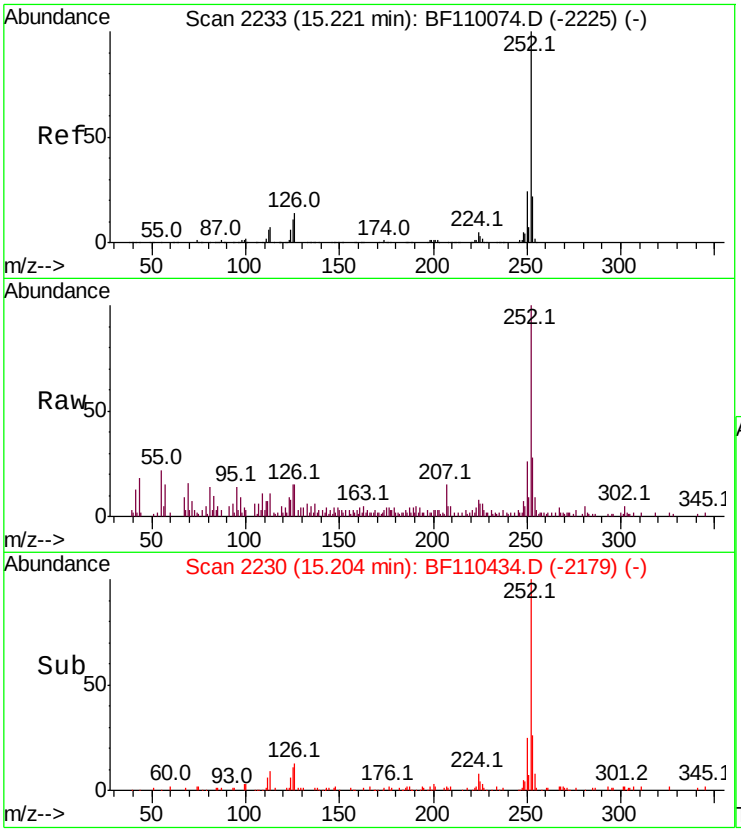


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:264 Resp: 100498

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	16.7	25.1





#88
Benzo(b)fluoranthene
Concen: 6.983 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:252 Resp: 40528

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	15.0	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

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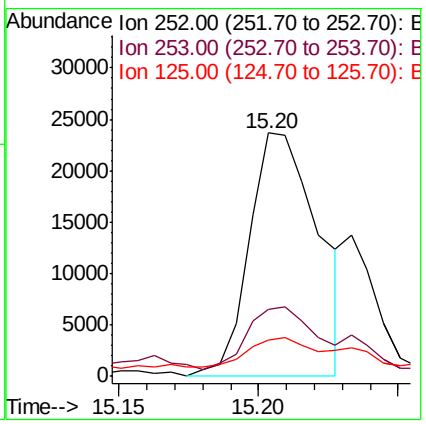
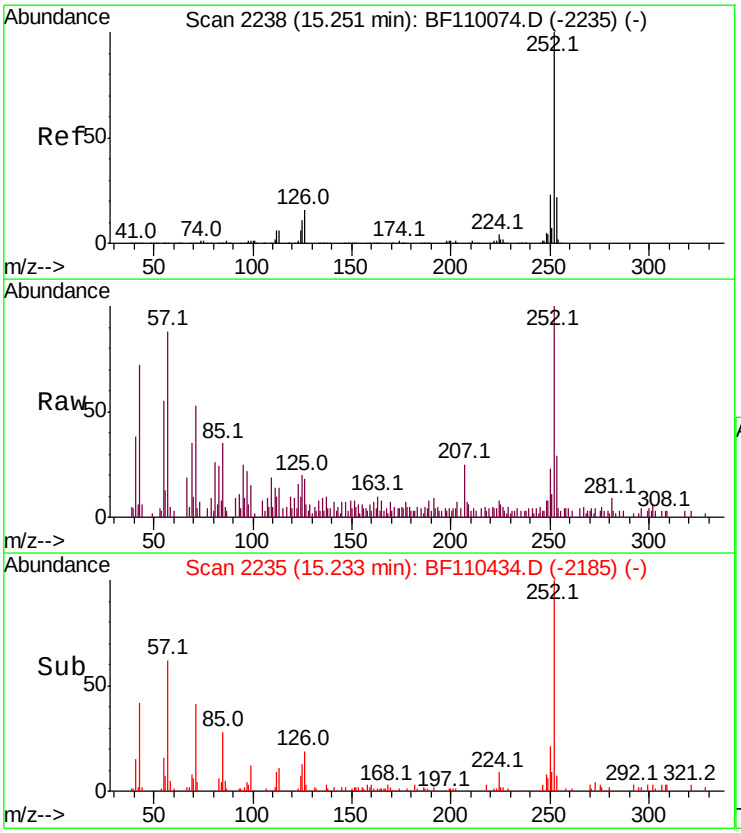
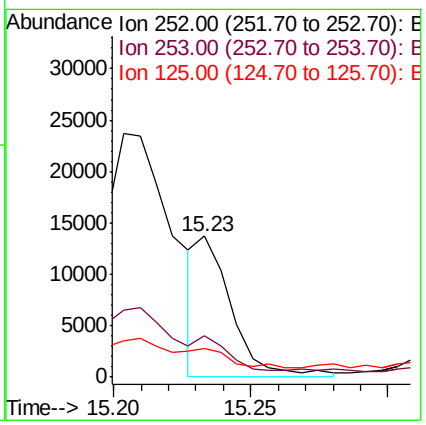


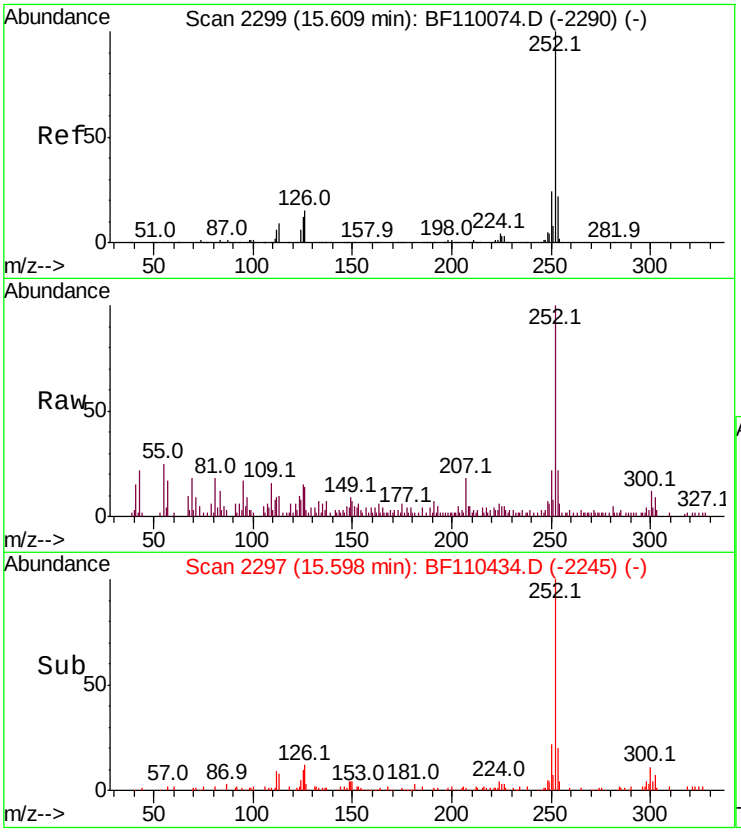


#89
Benzo(k)fluoranthene
Concen: 2.116 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:252 Resp: 12072

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.2	25.8#
125	20.2	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 5.005 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:252 Resp: 26725

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	14.7	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
GOFFLE-RD-2

Manual Integrations APPROVED
Sohil
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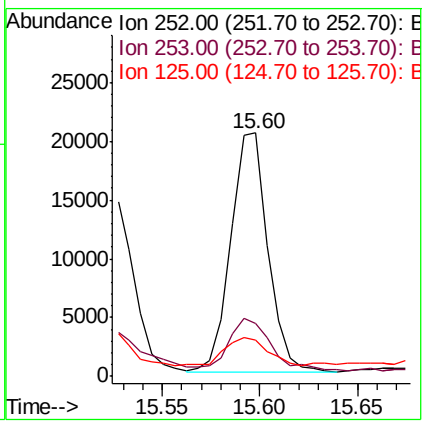

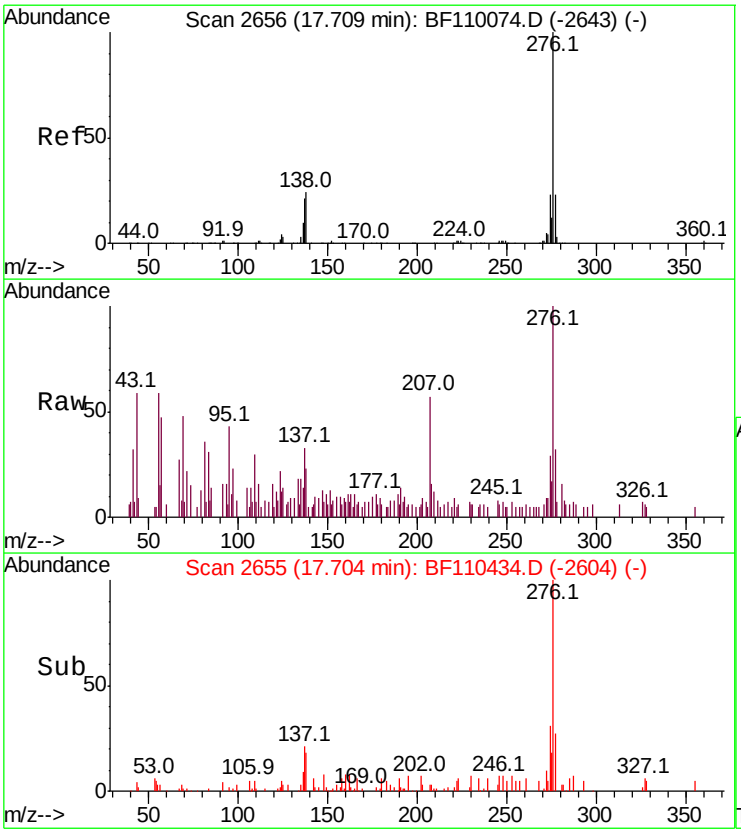

#92
Benzo(g,h,i)perylene
Concen: 3.661 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110434.D
Acq: 3 Nov 2018 1:32

Tgt Ion:276 Resp: 16621

Ion	Ratio	Lower	Upper
276	100		
277	31.8	18.8	28.2#
138	22.7	16.0	24.0