Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112605.D
Acq On : 18 Feb 2019 17:12
Operator : JU/SJ
Sample : K1518-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Manual Integrations APPROVED
Sohil
2/19/2019 9:38:47 AM

Quant Time: Feb 19 00:13:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58300	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	232488	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	119311	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	244903	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	205036	20.00	ng	-0.01
87) Perylene-d12	15.47	264	164135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	313744	114.31	ng	-0.03
7) Phenol-d6	6.47	99	399146	104.65	ng	-0.02
23) Nitrobenzene-d5	7.39	82	259434	64.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	147055	105.89	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	523566	62.06	ng	-0.03
79) Terphenyl-d14	12.93	244	625052	57.42	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.49	94	8634	2.063	ng	# 66
50) Dimethylphthalate	9.57	163	39659	4.278	ng	96
71) Phenanthrene	11.37	178	61885	4.861	ng	100
75) Fluoranthene	12.57	202	135310	9.908	ng	96
78) Pyrene	12.80	202	129910	9.151	ng	97
81) Benzo(a)anthracene	13.99	228	65147	5.405	ng	97
83) Chrysene	14.02	228	59189	5.145	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	30274	3.321	ng	98
88) Benzo(b)fluoranthene	15.04	252	67259m	6.852	ng	
89) Benzo(k)fluoranthene	15.07	252	23572m	2.507	ng	
90) Benzo(a)pyrene	15.42	252	46569	5.273	ng	98
92) Benzo(g,h,i)perylene	17.43	276	28284	4.212	ng	97

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

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Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Manual Integrations APPROVED
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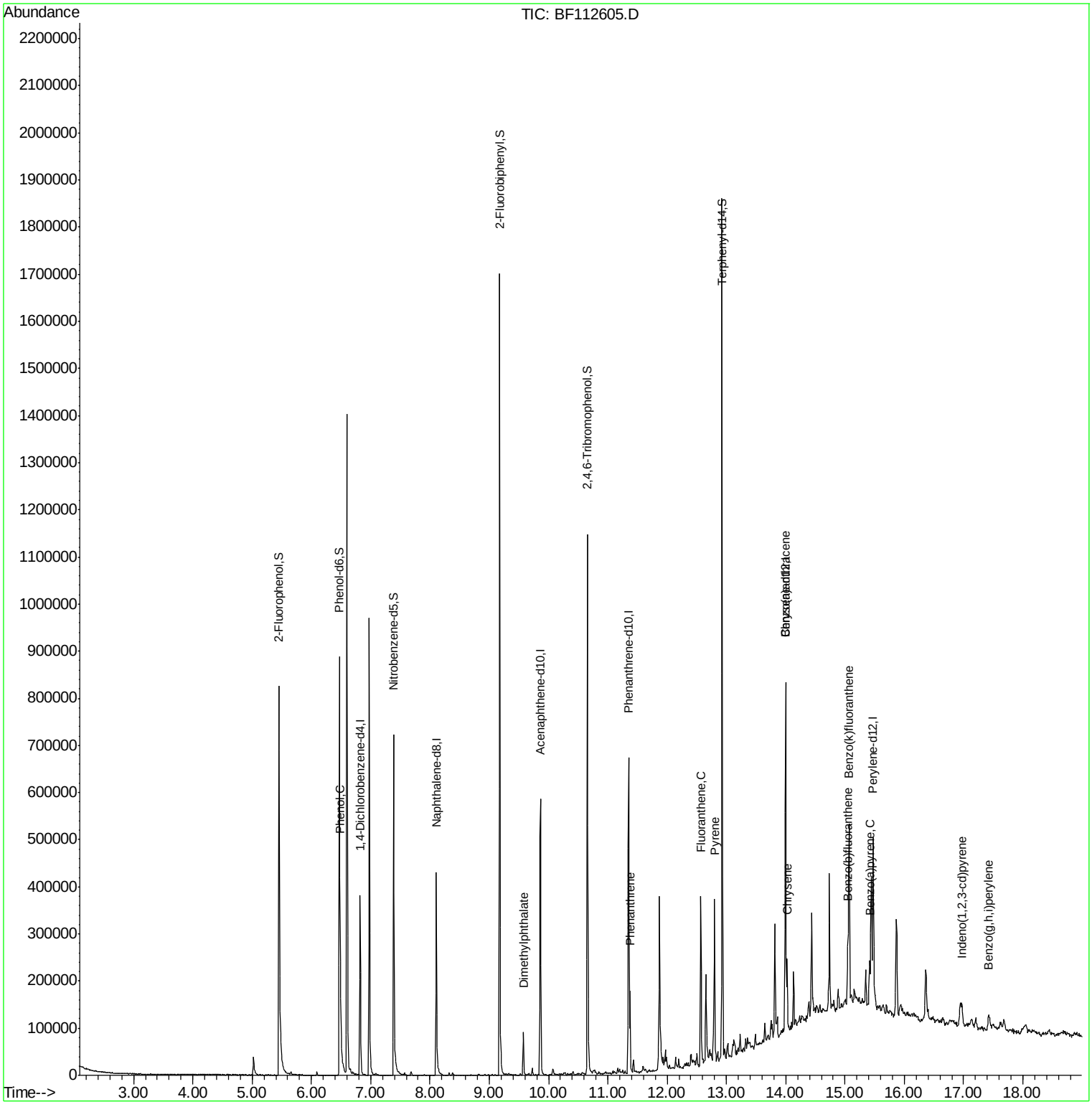
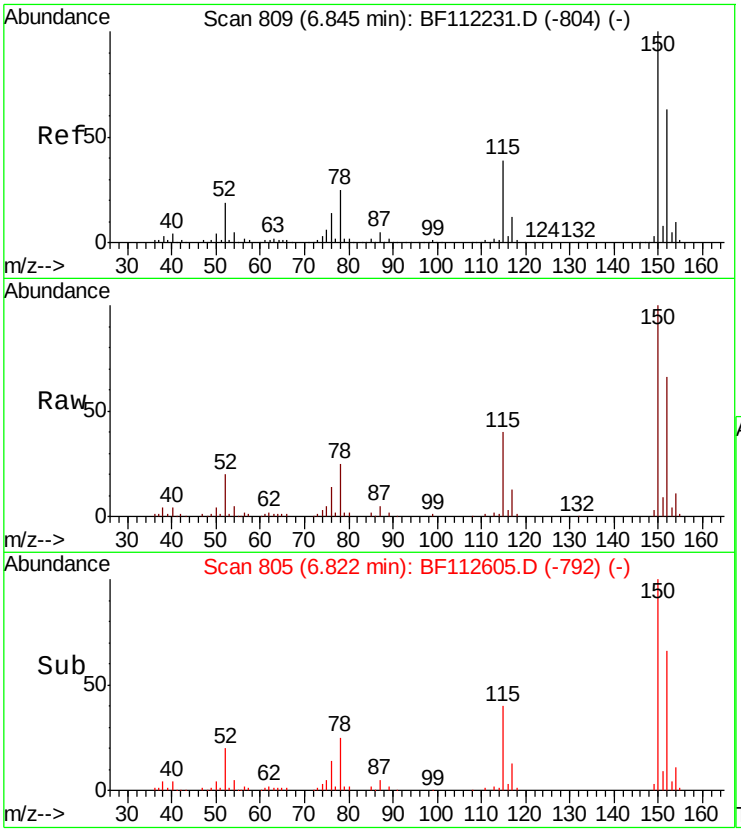
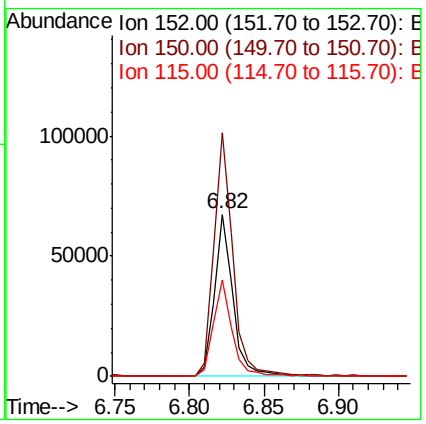




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:152 Resp: 58300

Ion	Ratio	Lower	Upper
152	100		
150	150.5	127.4	191.0
115	59.4	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Manual Integrations APPROVED
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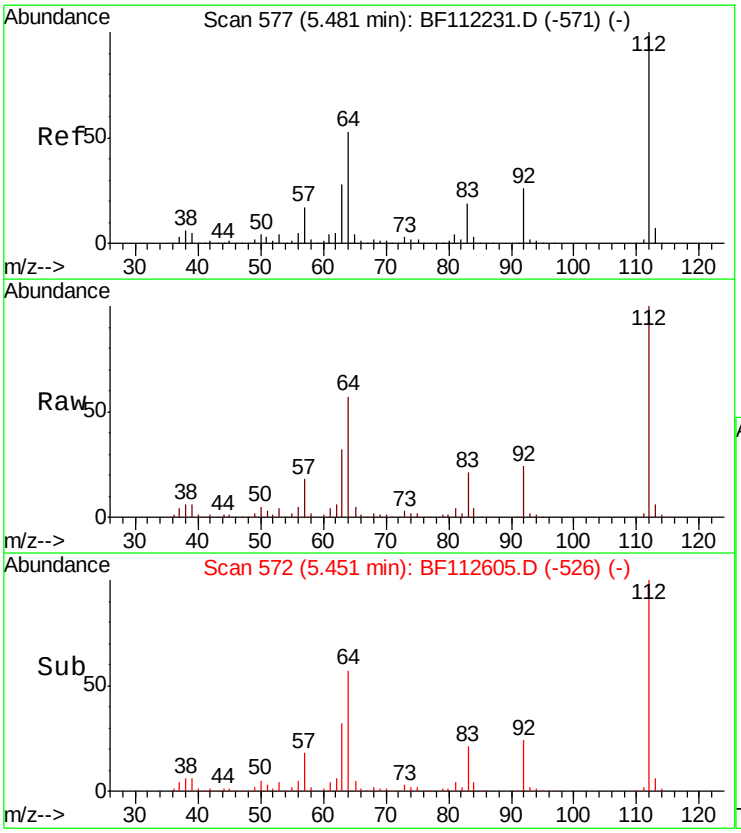
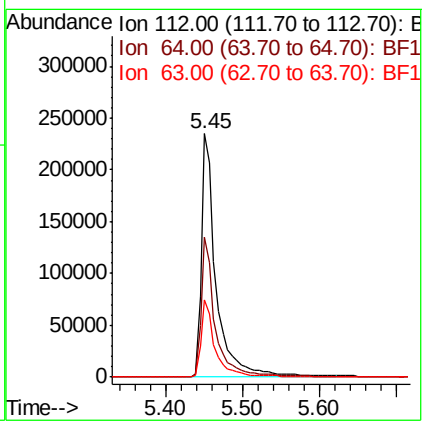
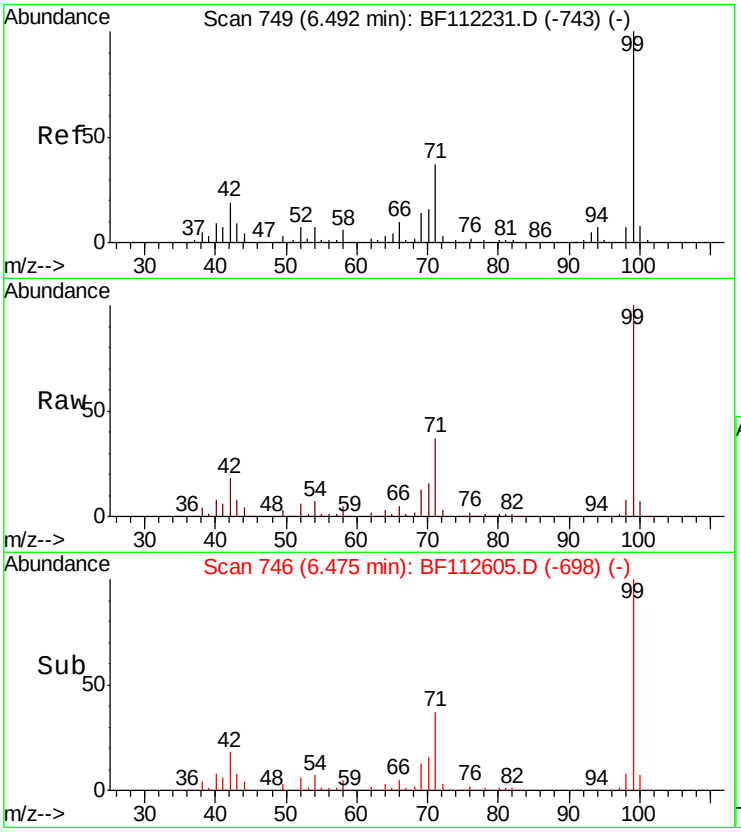


#5
2-Fluorophenol
Concen: 114.308 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:112 Resp: 313744

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.7	68.5
63	31.9	23.6	35.4

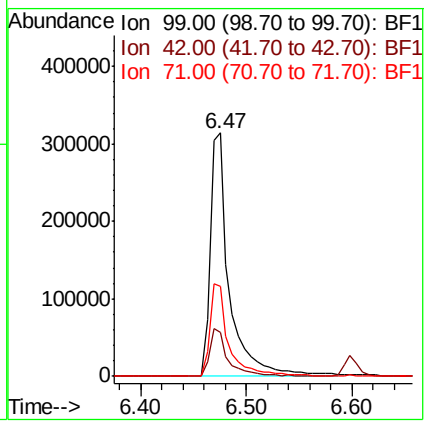




#7
Phenol-d6
Concen: 104.654 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion: 99 Resp: 399146

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.1	22.7
71	36.8	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Manual Integrations APPROVED
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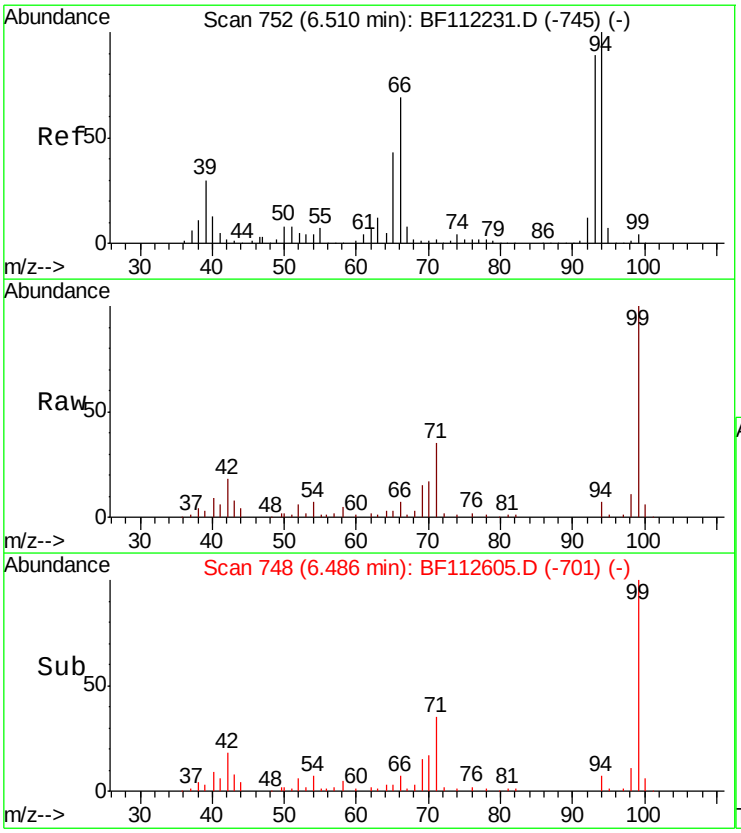
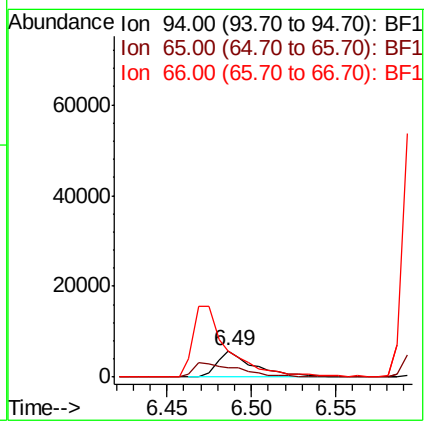
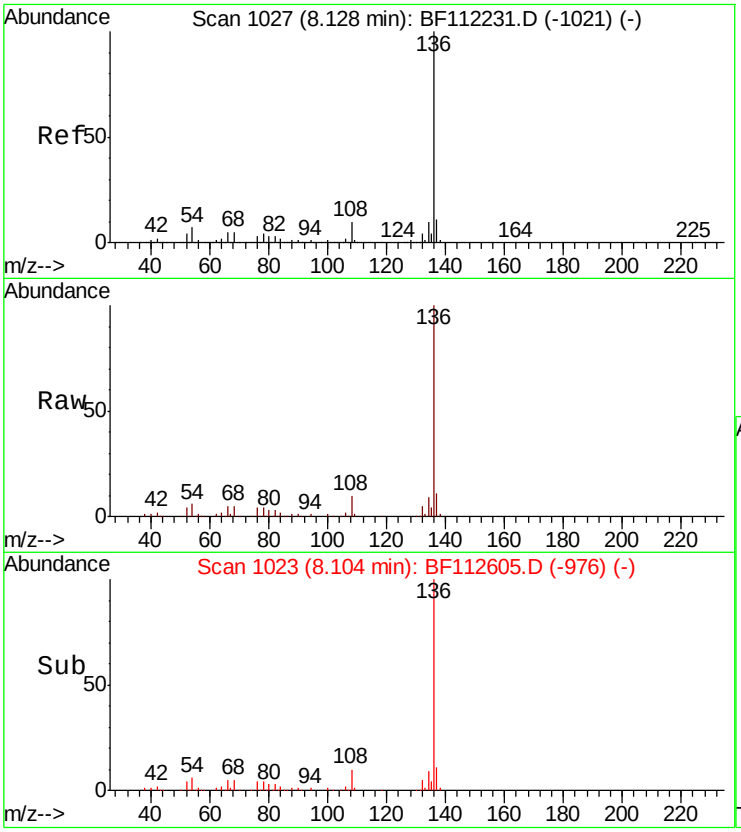


#10
Phenol
Concen: 2.063 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion: 94 Resp: 8634

Ion	Ratio	Lower	Upper
94	100		
65	35.4	20.3	60.3
66	101.2	42.4	82.4#

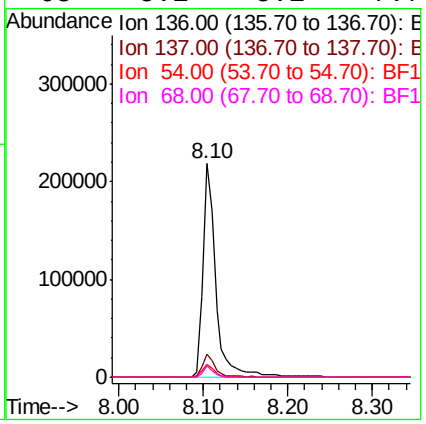




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:136 Resp: 232488

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.2	5.9	8.9
68	5.1	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

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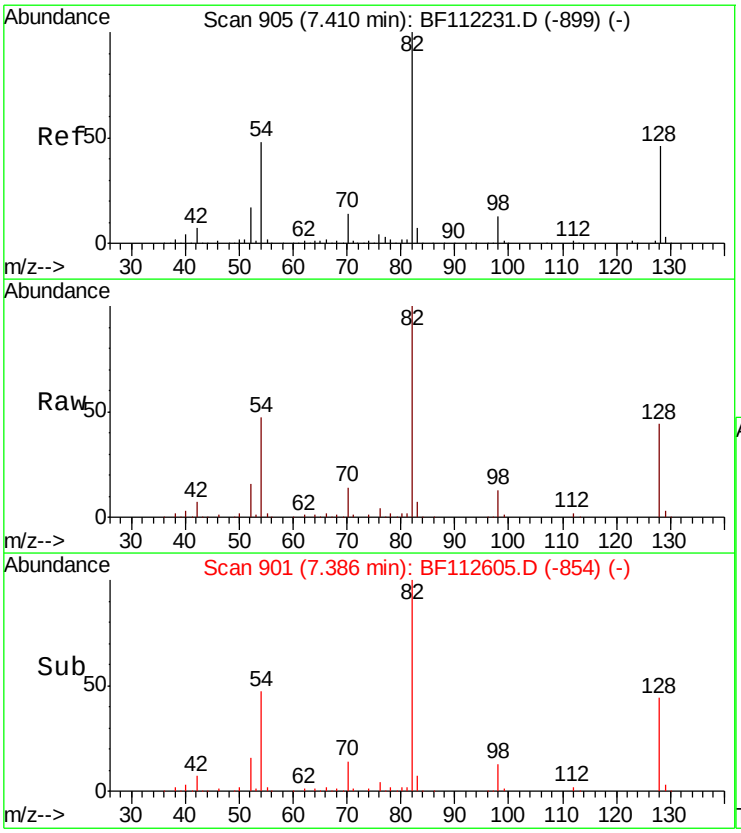
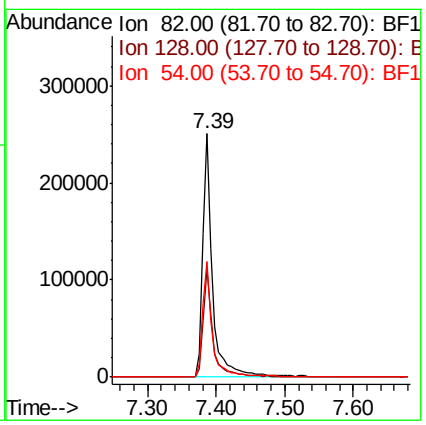
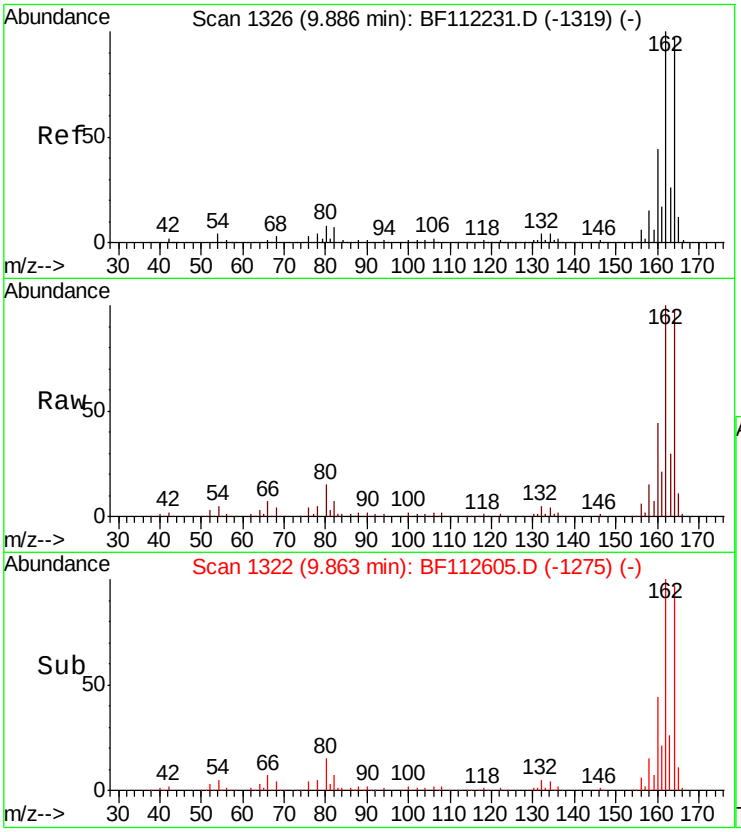


#23
Nitrobenzene-d5
Concen: 64.298 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion: 82 Resp: 259434

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.8
54	47.3	39.7	59.5

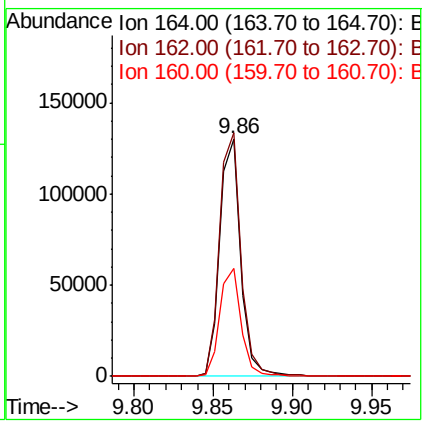




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:164 Resp: 119311

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.4
160	45.5	36.2	54.4



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

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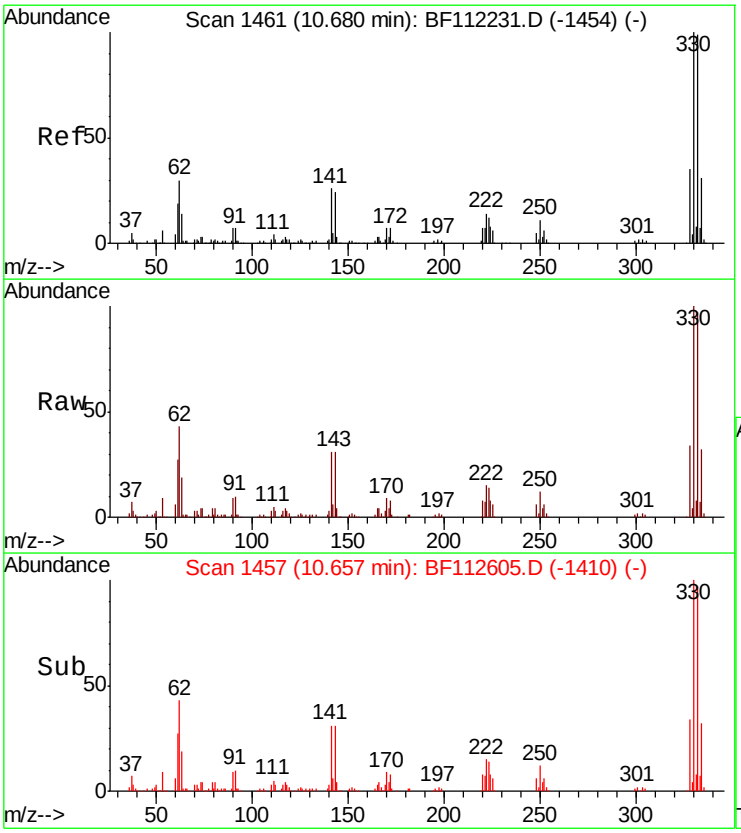
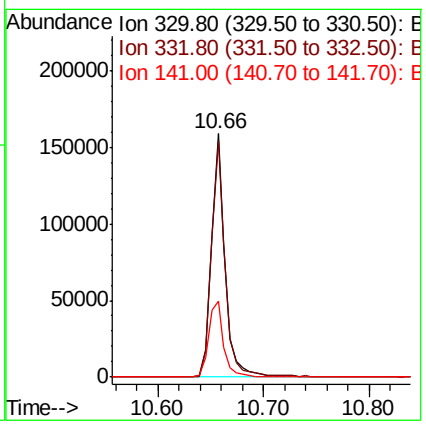
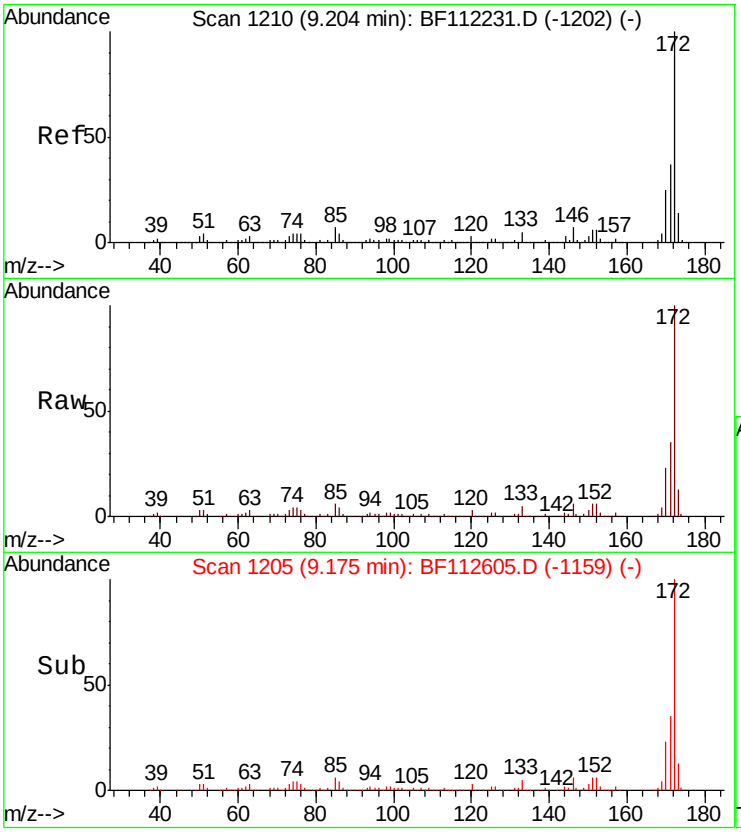


#42
2,4,6-Tribromophenol
Concen: 105.890 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:330 Resp: 147055

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	33.4	24.3	36.5

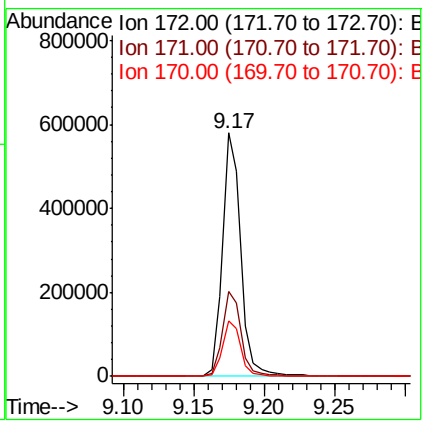




#45
2-Fluorobiphenyl
Concen: 62.065 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:172 Resp: 523566

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.5	45.7
170	23.0	20.2	30.4



Instrument :
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ClientSampleId :
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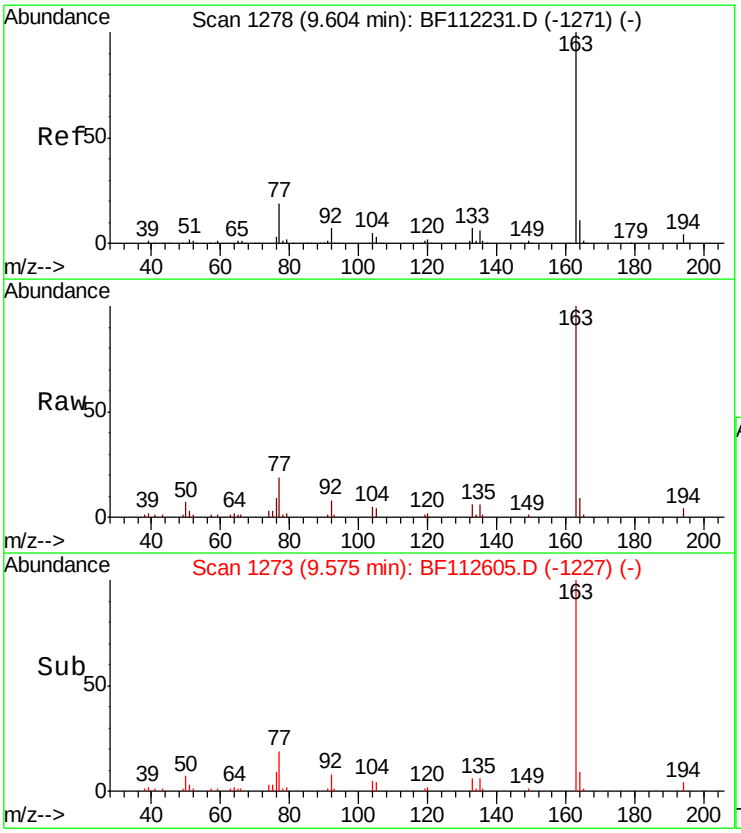
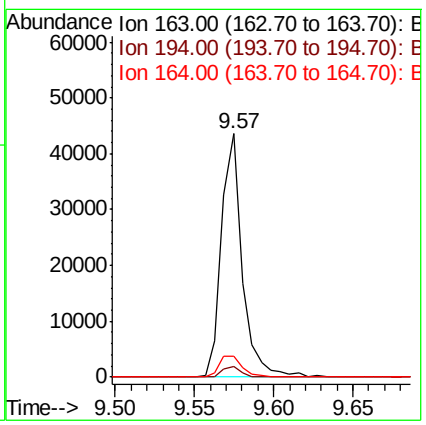
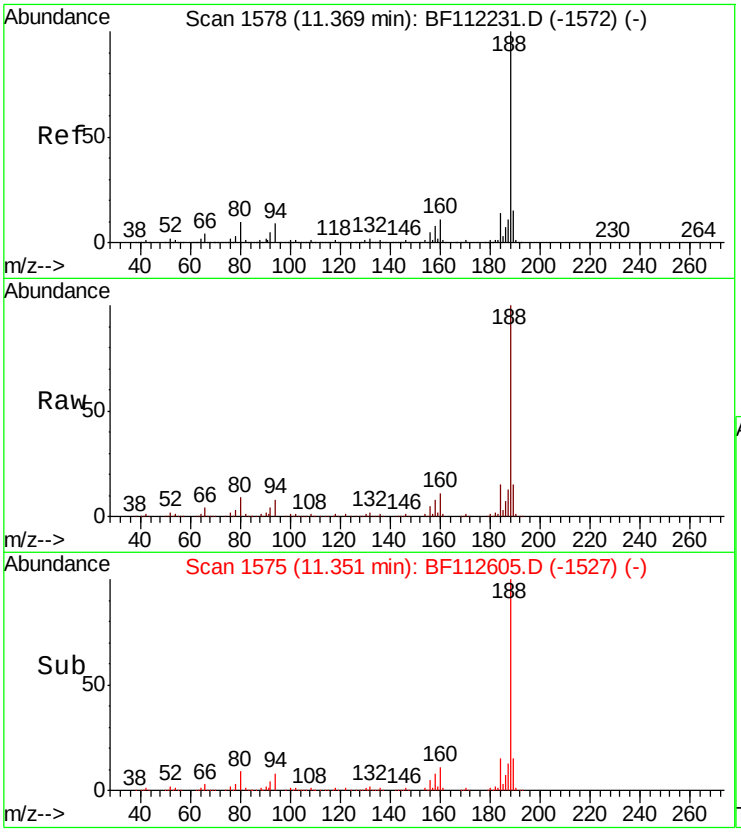


#50
Dimethylphthalate
Concen: 4.278 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:163 Resp: 39659

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	8.6	8.5	12.7

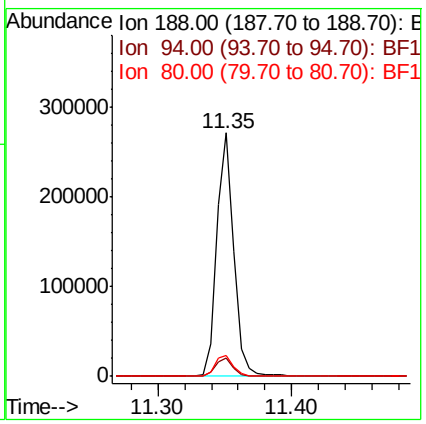




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:188 Resp: 244903

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.7	8.9	13.3#



Instrument :
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ClientSampleId :
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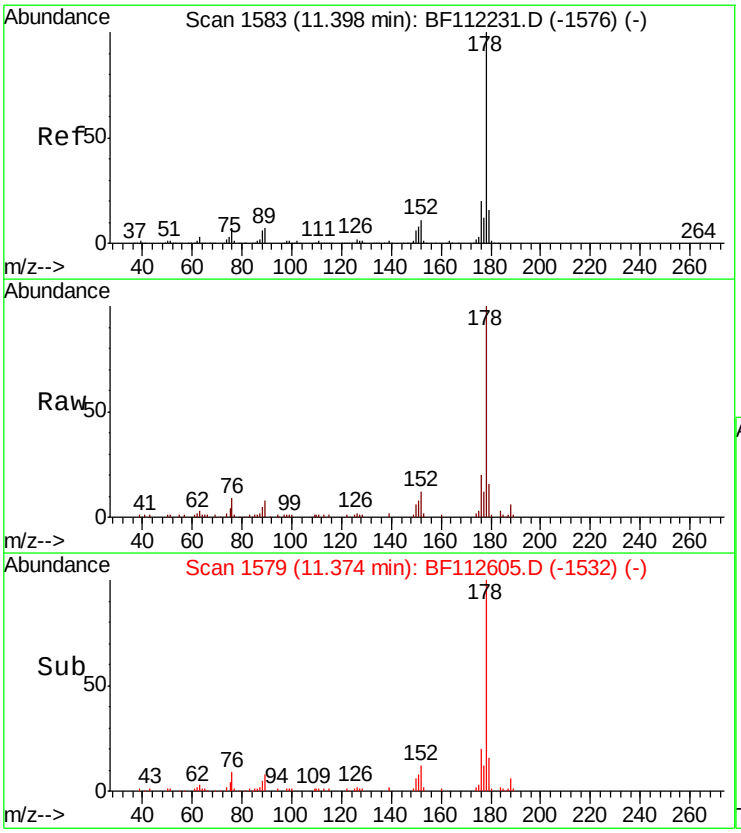
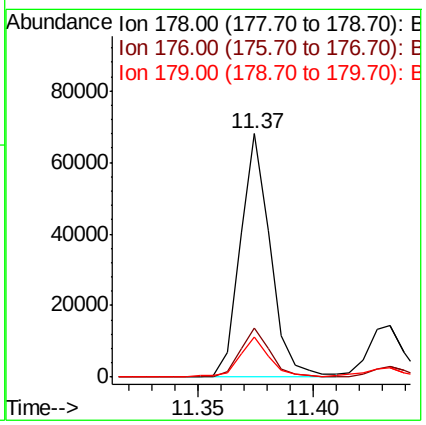
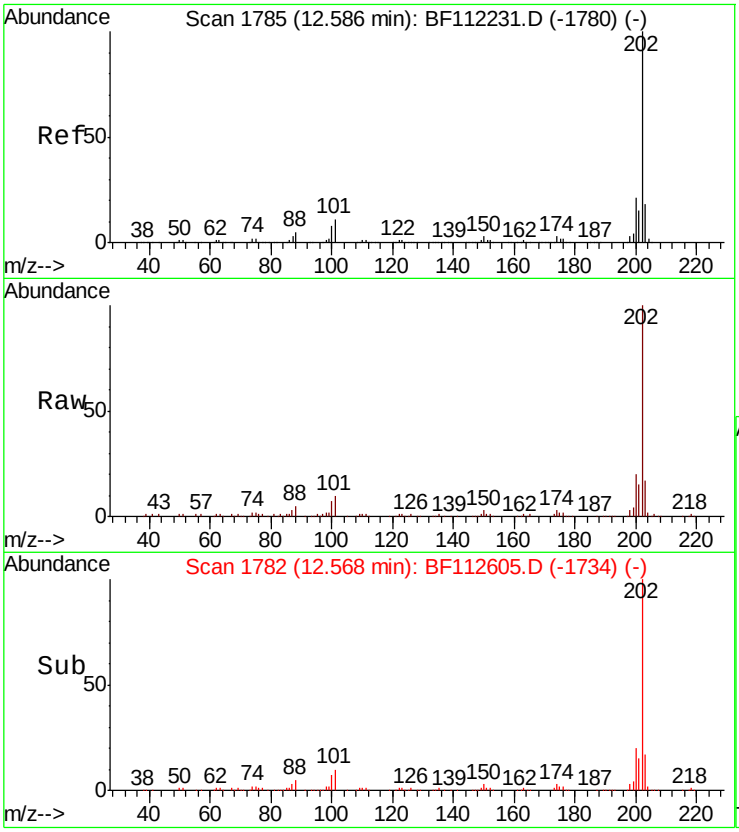


#71
Phenanthrene
Concen: 4.861 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:178 Resp: 61885

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	16.4	13.0	19.4





#75
Fluoranthene
Concen: 9.908 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:202 Resp: 135310

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.8
203	16.7	0.0	38.4

Instrument :
BNA_F
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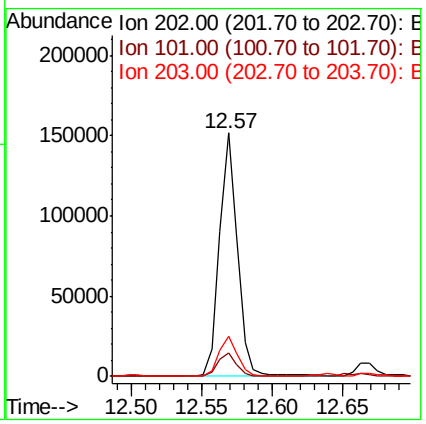
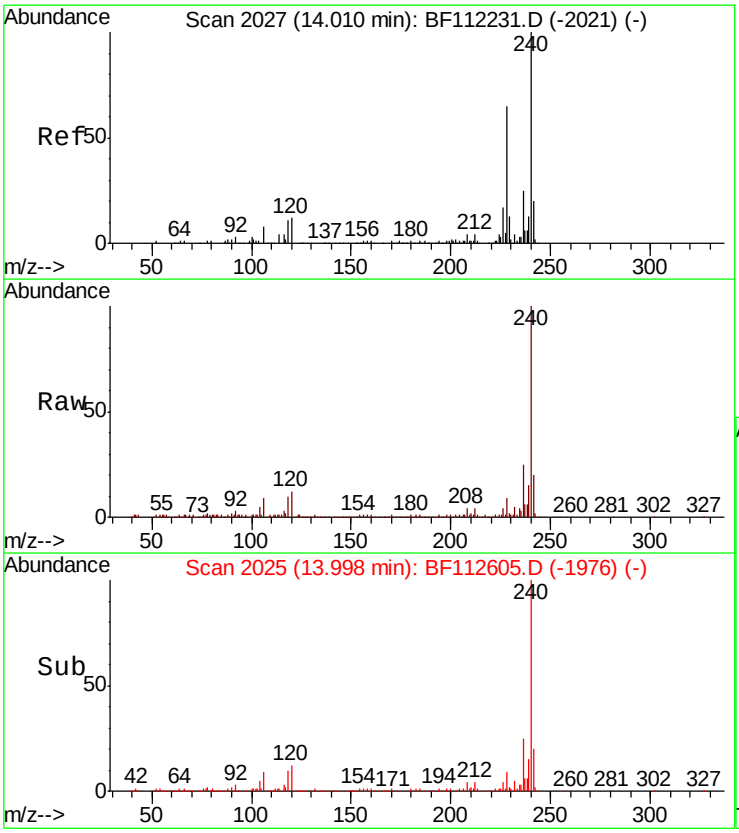
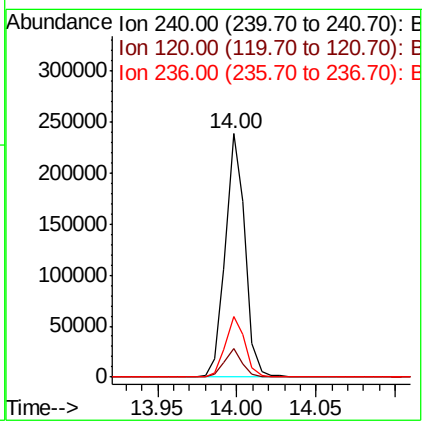


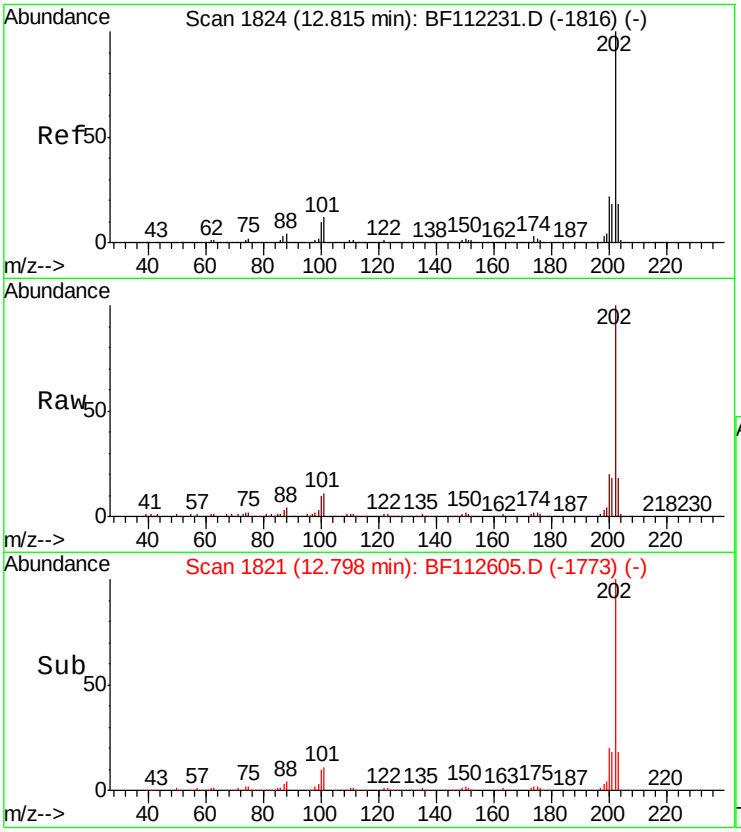


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:240 Resp: 205036

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	25.1	20.7	31.1

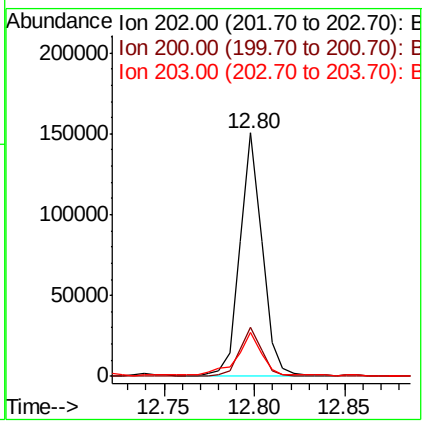




#78
Pyrene
Concen: 9.151 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:202 Resp: 129910

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.7	26.5
203	18.1	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

Manual Integrations APPROVED
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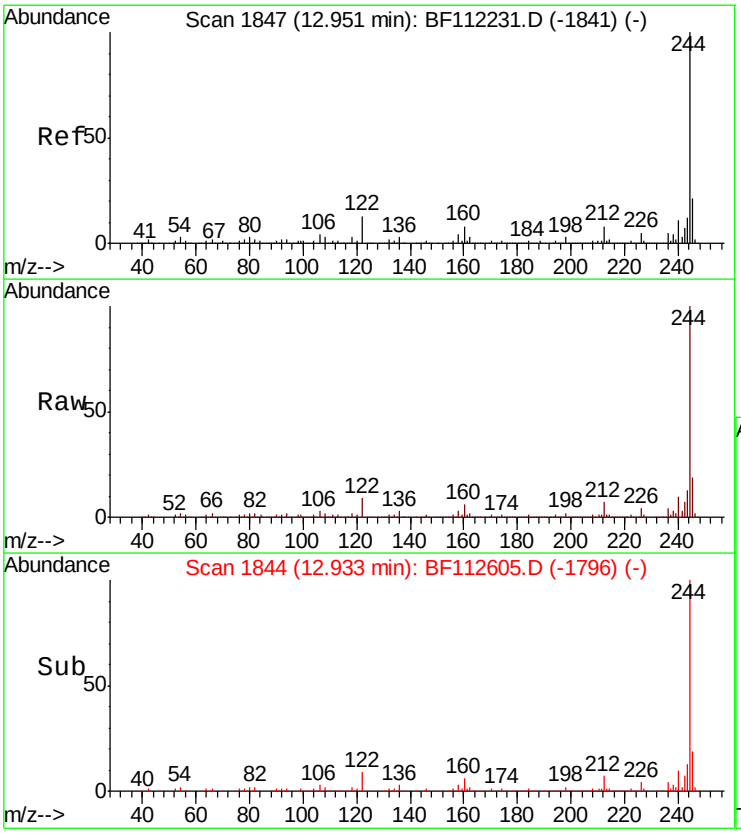
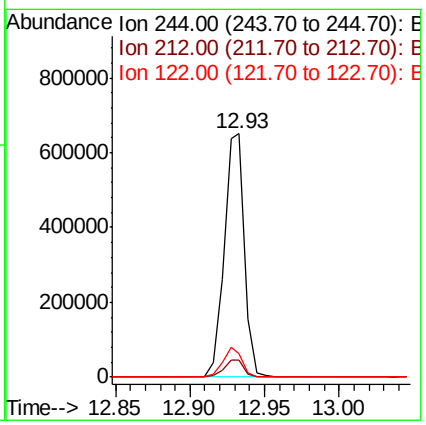
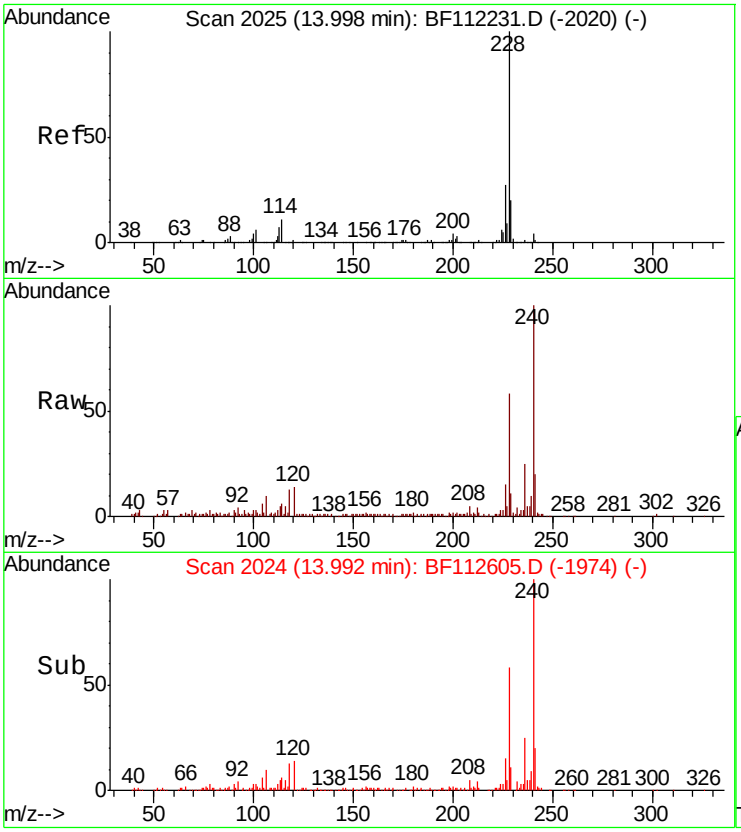


#79
Terphenyl-d14
Concen: 57.417 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:244 Resp: 625052

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.4	9.8	14.6#

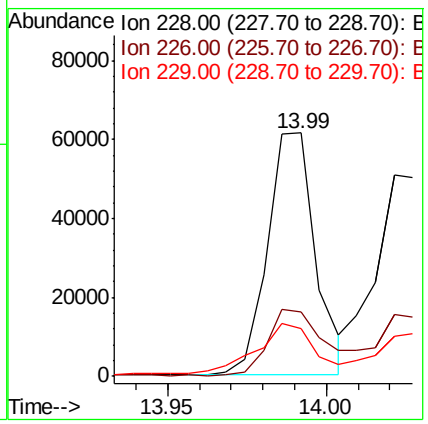




#81
Benzo(a)anthracene
Concen: 5.405 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:228 Resp: 65147

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	34.0
229	19.5	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
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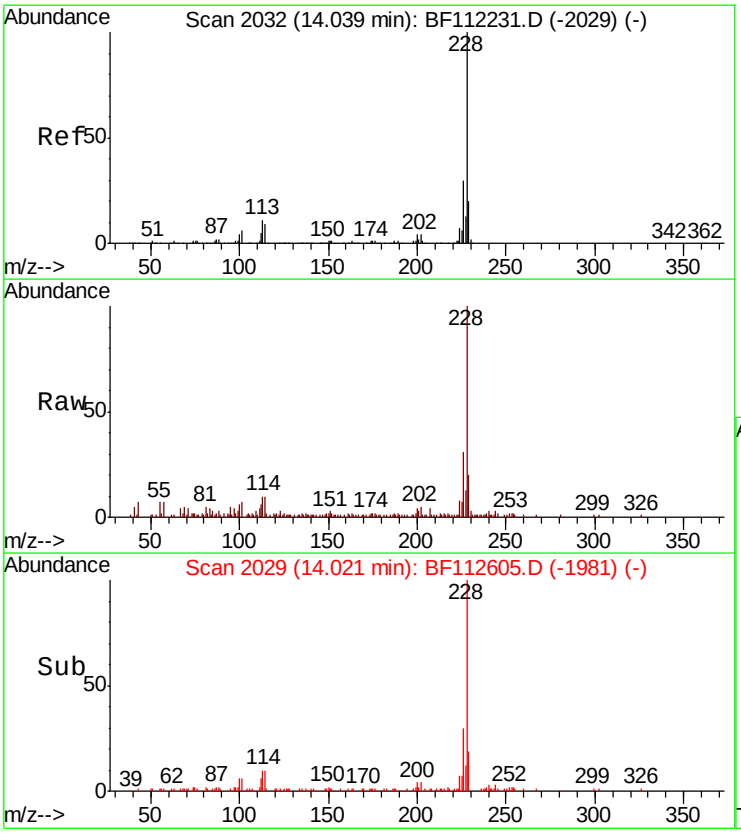
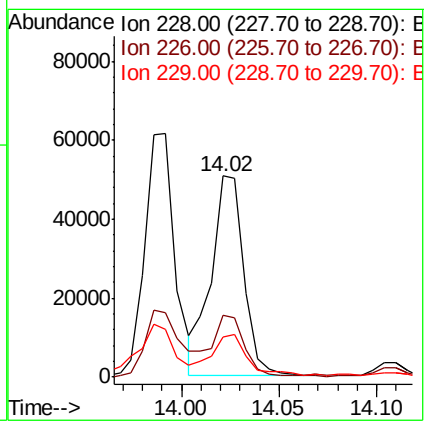
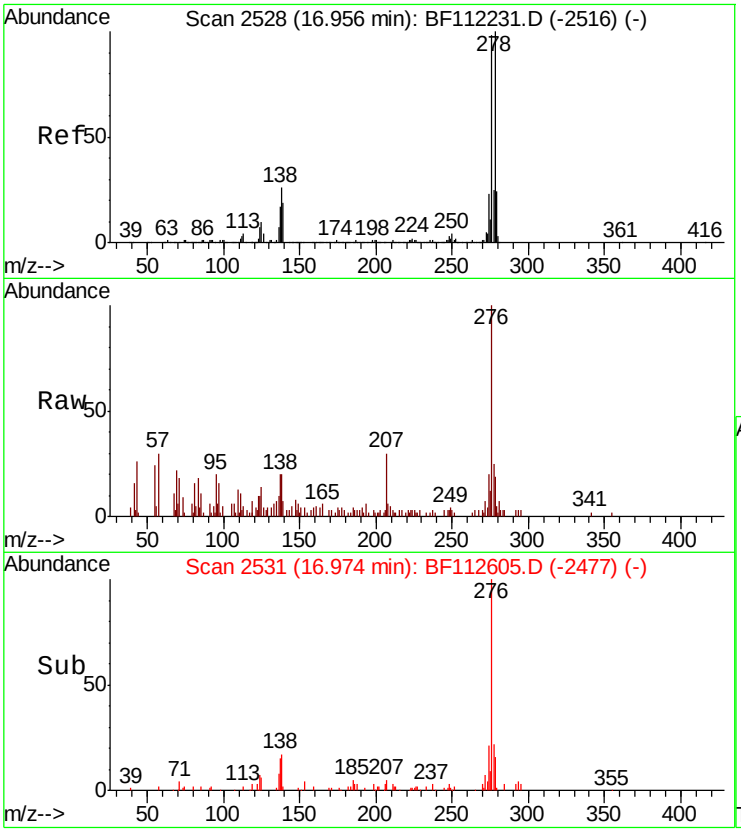


#83
Chrysene
Concen: 5.145 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:228 Resp: 59189

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	16.6	24.8





#86
Indeno(1,2,3-cd)pyrene
Concen: 3.321 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:276 Resp: 30274

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.6	34.0
277	23.9	20.3	30.5

Instrument :
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ClientSampleId :
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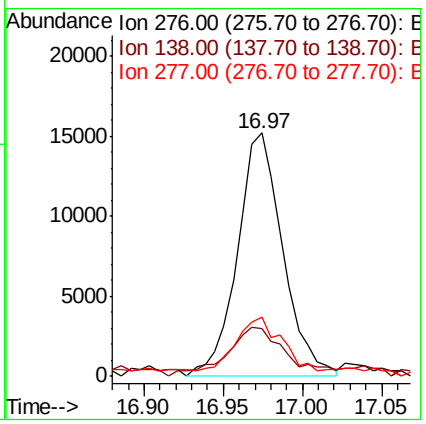
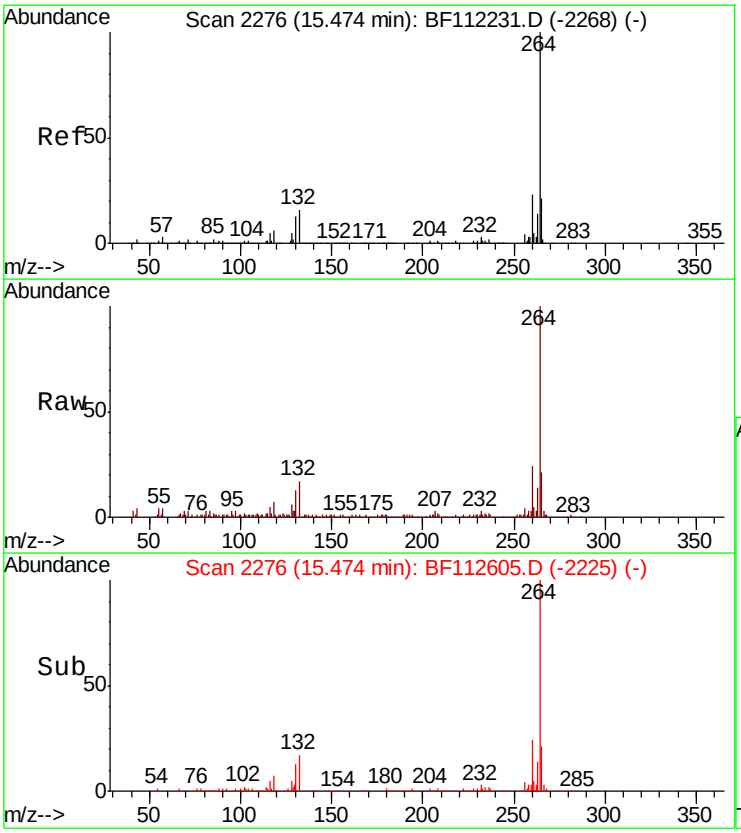
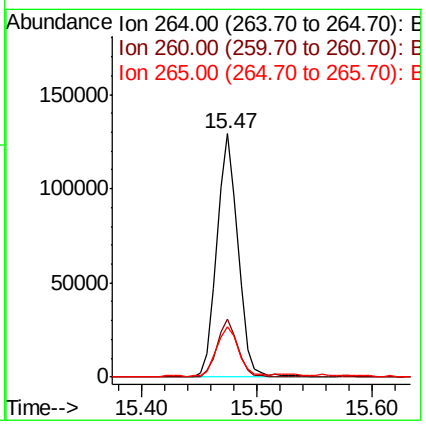


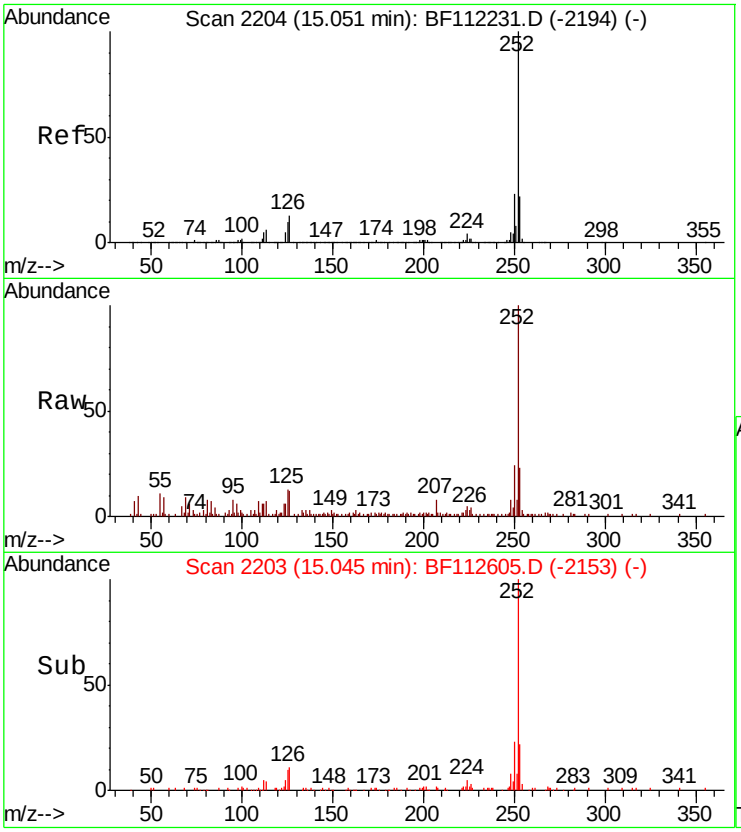


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:264 Resp: 164135

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	20.8	17.0	25.4

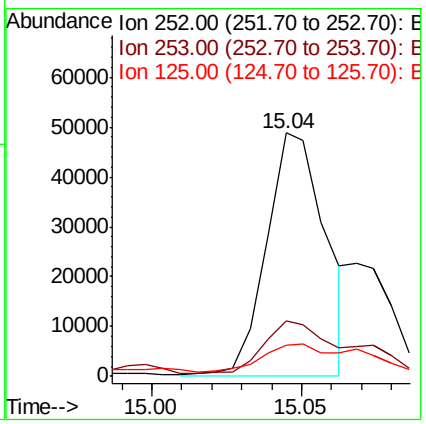




#88
Benzo(b)fluoranthene
Concen: 6.852 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:252 Resp: 67259

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.6	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
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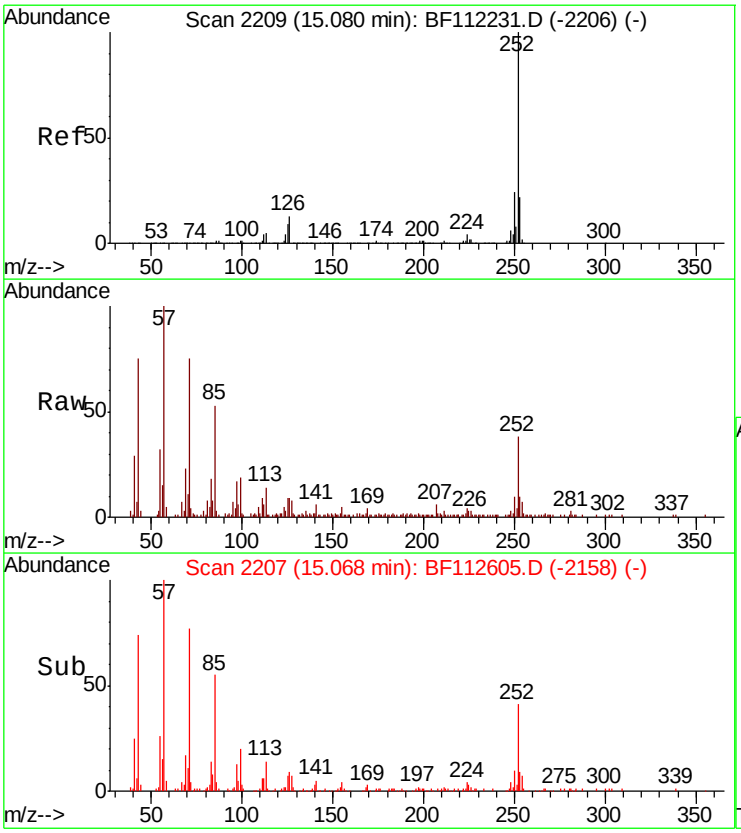
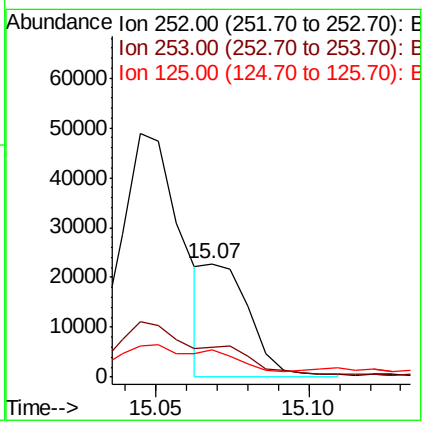
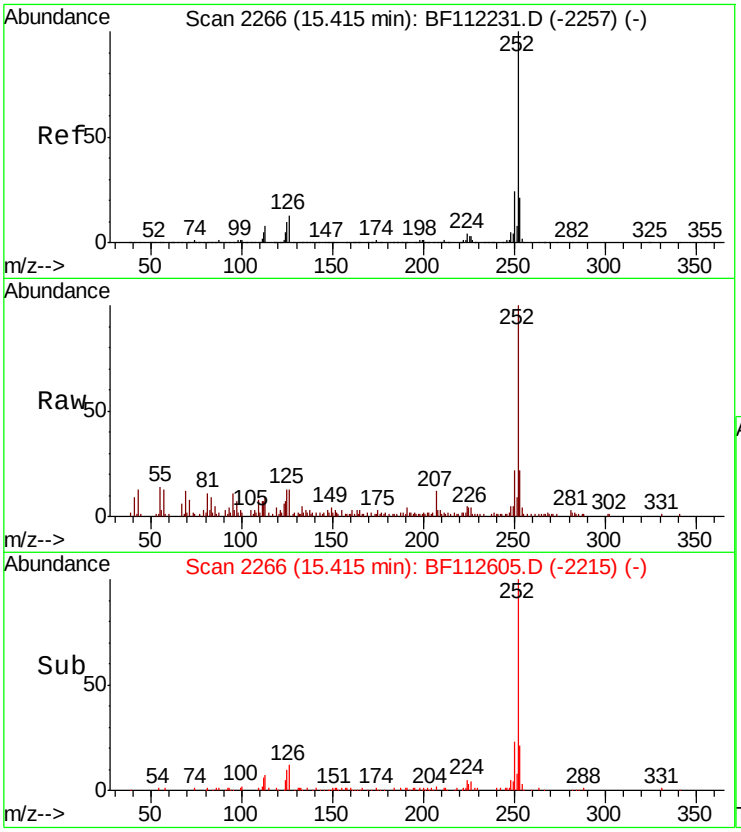


#89
Benzo(k)fluoranthene
Concen: 2.507 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:252 Resp: 23572

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.0	27.0
125	23.7	9.1	13.7#





#90
Benzo(a)pyrene
Concen: 5.273 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:252 Resp: 46569

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.9	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-6

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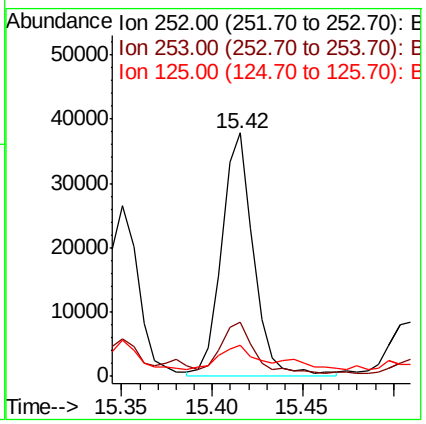

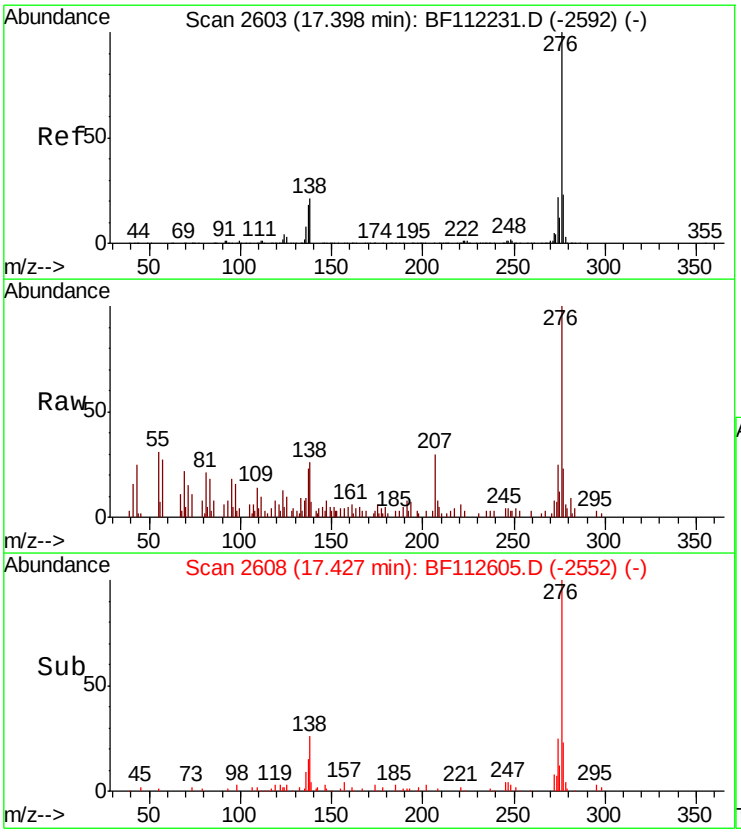

#92
Benzo(g,h,i)perylene
Concen: 4.212 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112605.D
Acq: 18 Feb 2019 17:12

Tgt Ion:276 Resp: 28284

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	25.7	19.1	28.7