Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085521.D
Acq On : 18 Mar 2016 6:12
Operator : UM/SJ
Sample : H1776-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
UMANGI
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Quant Time: Mar 18 15:15:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132086	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	547362	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	225016	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	403643	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	281905	20.00	ng	-0.05
86) Perylene-d12	15.47	264	259350	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1157327	150.61	ng	-0.03
7) Phenol-d6	6.52	99	1598149	160.34	ng	-0.03
23) Nitrobenzene-d5	7.44	82	886068	95.71	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	350076	168.91	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1234921	95.21	ng	-0.05
78) Terphenyl-d14	12.99	244	919916	73.82	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	376518	22.93	ng	99
70) Phenanthrene	11.42	178	137879	6.56	ng	97
74) Fluoranthene	12.61	202	301733	15.27	ng	98
77) Pyrene	12.84	202	298922	14.14	ng	98
80) Benzo(a)anthracene	14.03	228	133996m	8.29	ng	
82) Chrysene	14.06	228	125462m	8.63	ng	
85) Indeno(1,2,3-cd)pyrene	16.87	276	67018m	4.86	ng	
87) Benzo(b)fluoranthene	15.05	252	178037m	10.51	ng	
88) Benzo(k)fluoranthene	15.08	252	32183m	2.43	ng	
89) Benzo(a)pyrene	15.41	252	115007	7.86	ng	97
91) Benzo(g,h,i)perylene	17.31	276	64799	4.44	ng	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085521.D
Acq On : 18 Mar 2016 6:12
Operator : UM/SJ
Sample : H1776-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Mar 18 15:15:04 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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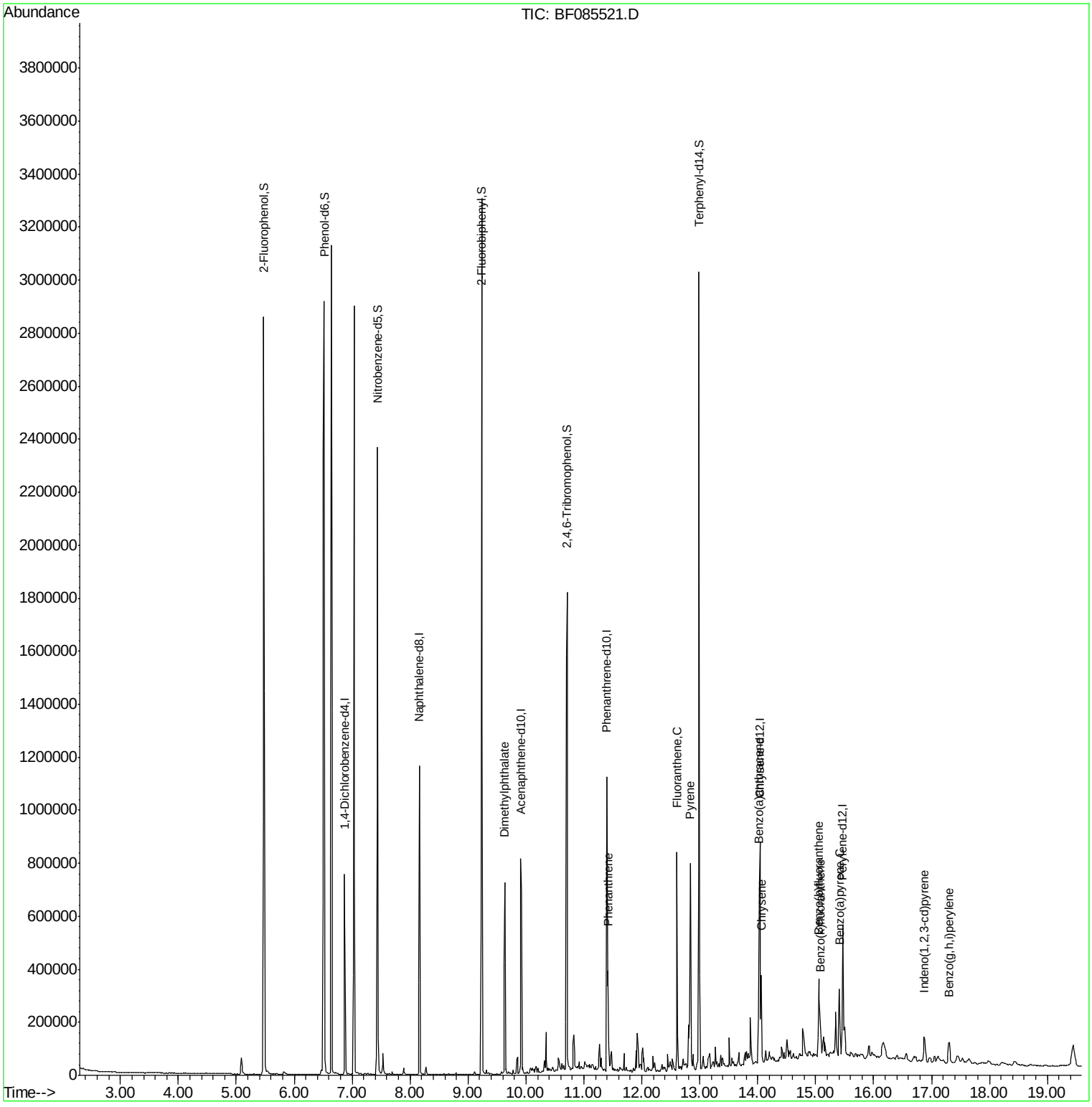
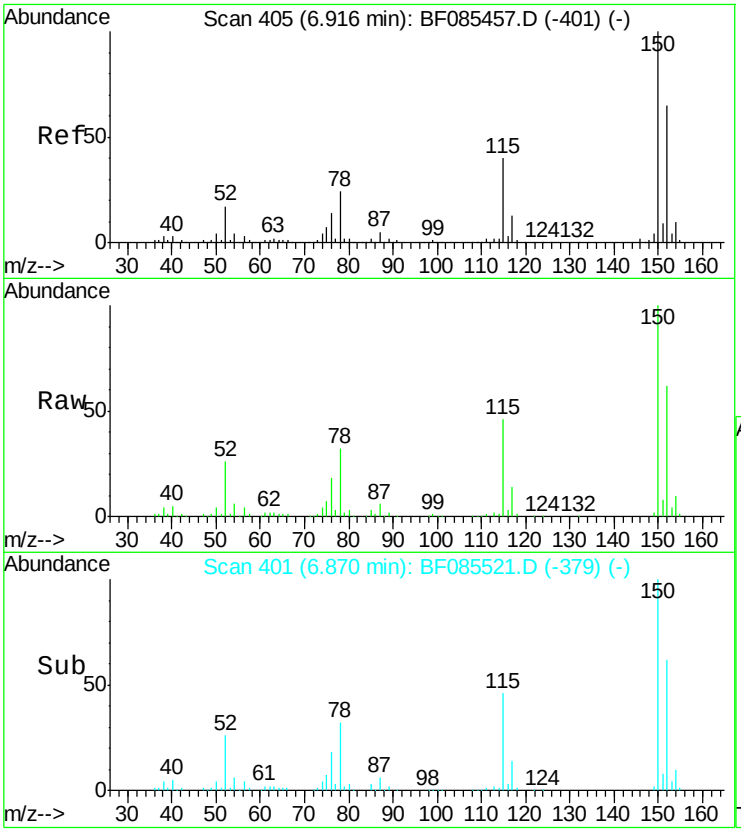
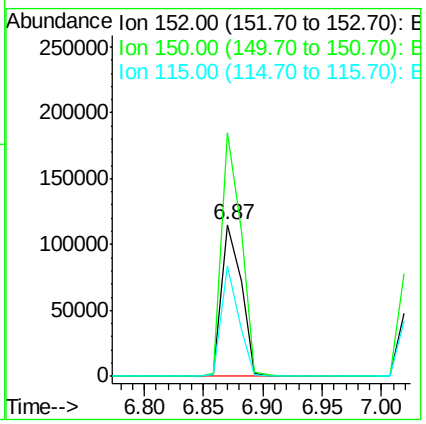




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:152 Resp: 132086

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	73.3	46.6	70.0#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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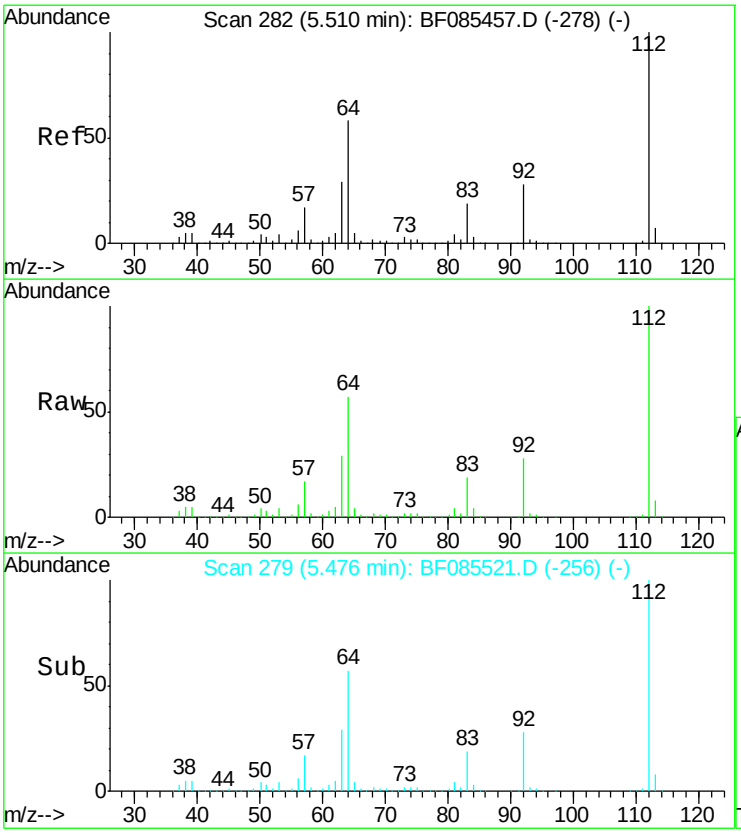
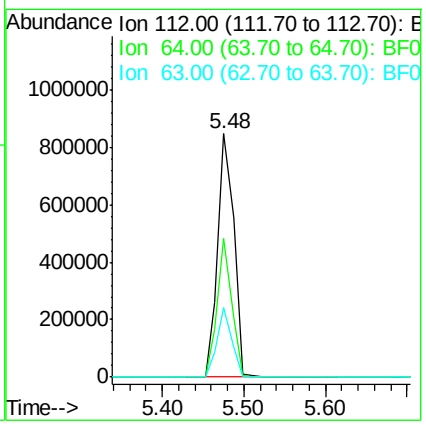
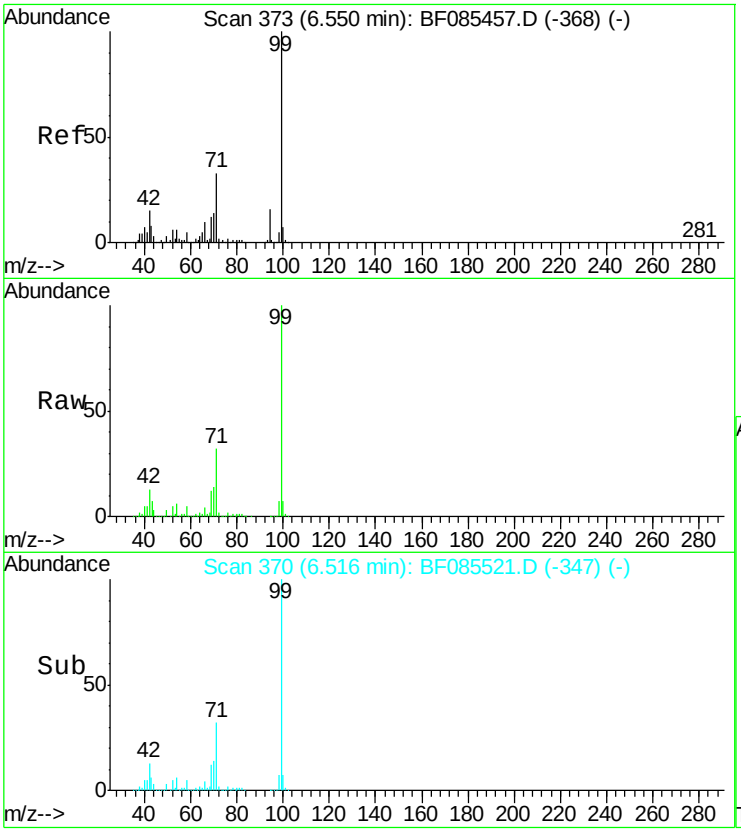


#5
2-Fluorophenol
Concen: 150.61 ng
RT: 5.48 min Scan# 279
Delta R.T. -0.03 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:112 Resp: 1157327

Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.0	73.4
63	28.6	24.8	37.2

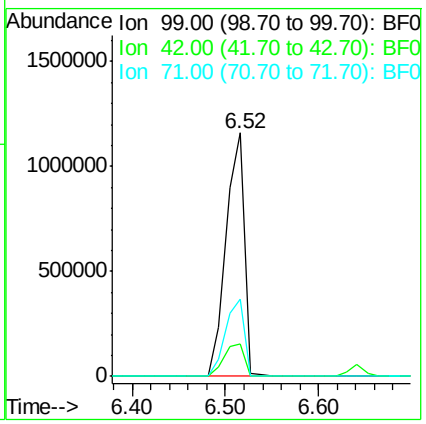




#7
Phenol-d6
Concen: 160.34 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion: 99 Resp: 1598149

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.6	20.4#
71	31.6	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

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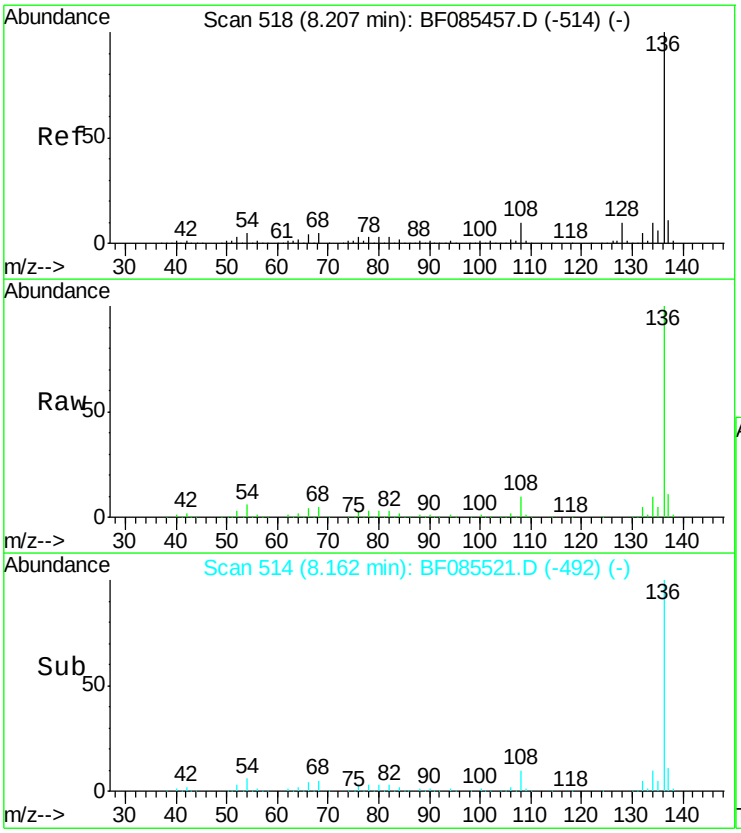
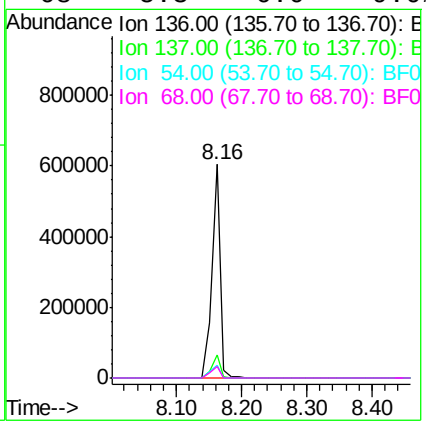
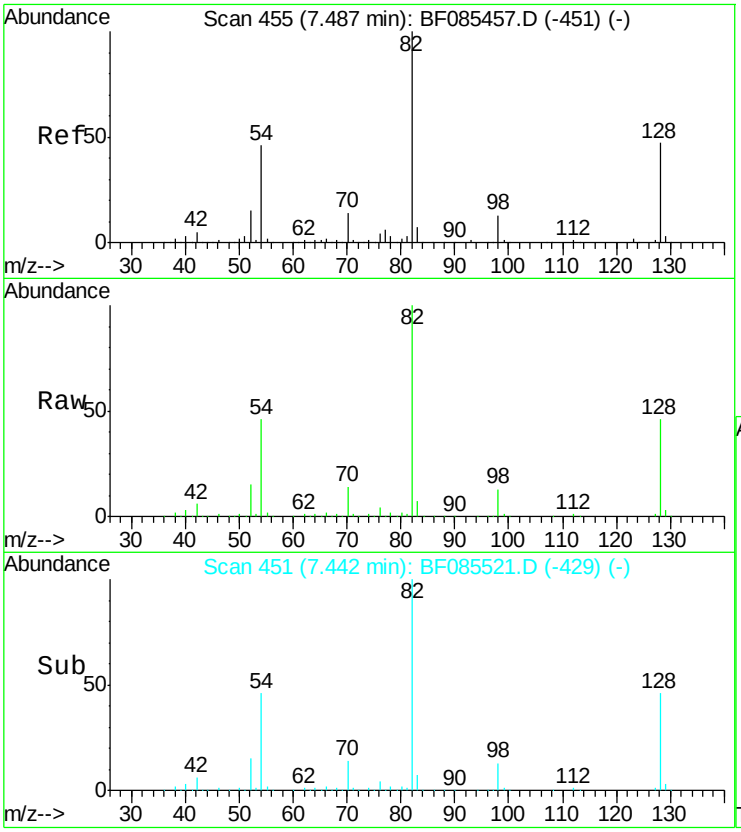


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:136 Resp: 547362

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.1	7.4	11.2#
68	5.3	6.0	9.0#

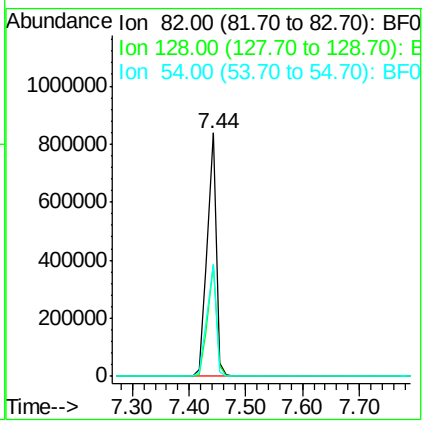




#23
Nitrobenzene-d5
Concen: 95.71 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion: 82 Resp: 886068

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.5	51.7
54	46.0	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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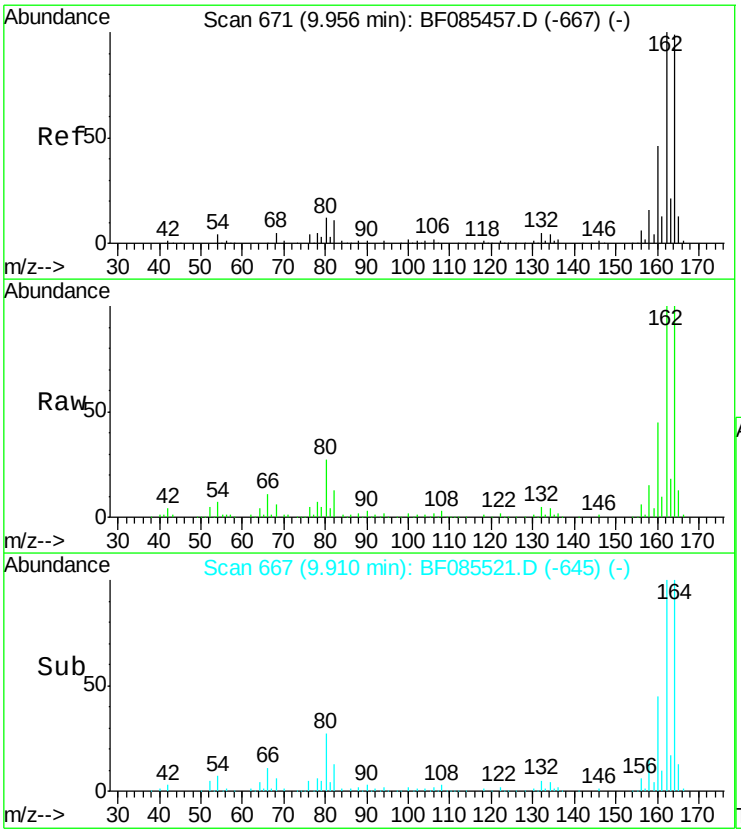
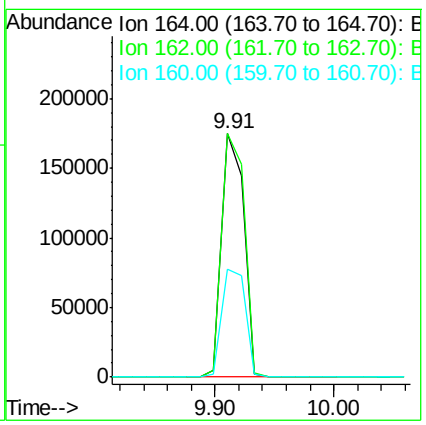
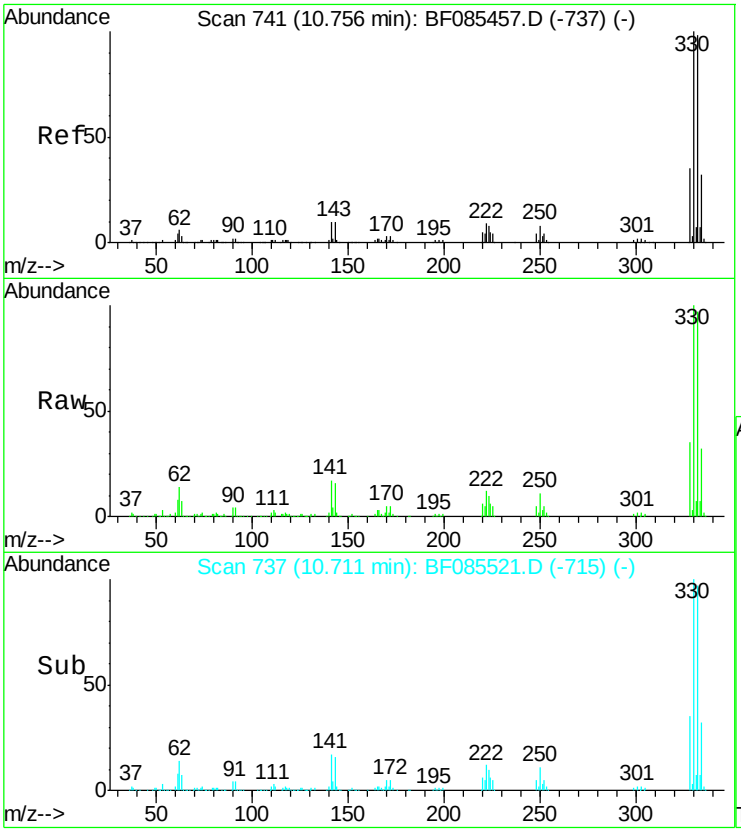


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:164 Resp: 225016

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.3	124.9
160	44.6	37.9	56.9

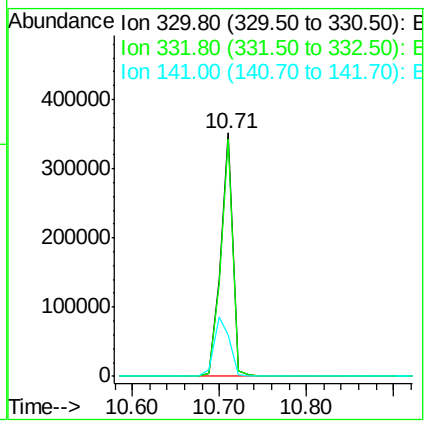




#41
2,4,6-Tribromophenol
Concen: 168.91 ng
RT: 10.71 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:330 Resp: 350076

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	31.2	35.0	52.6#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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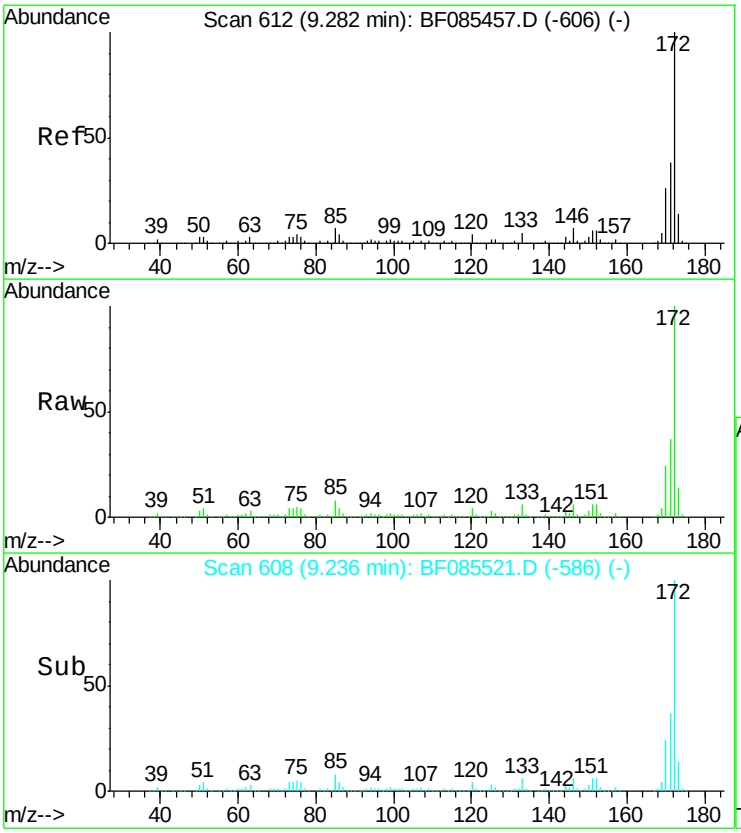
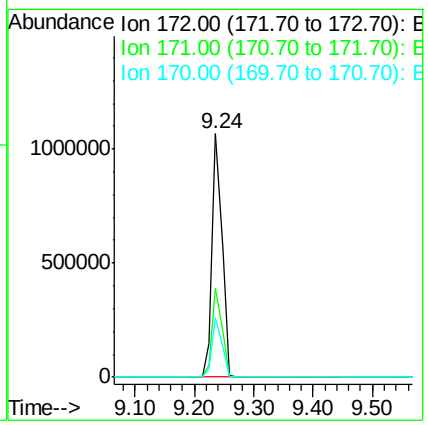
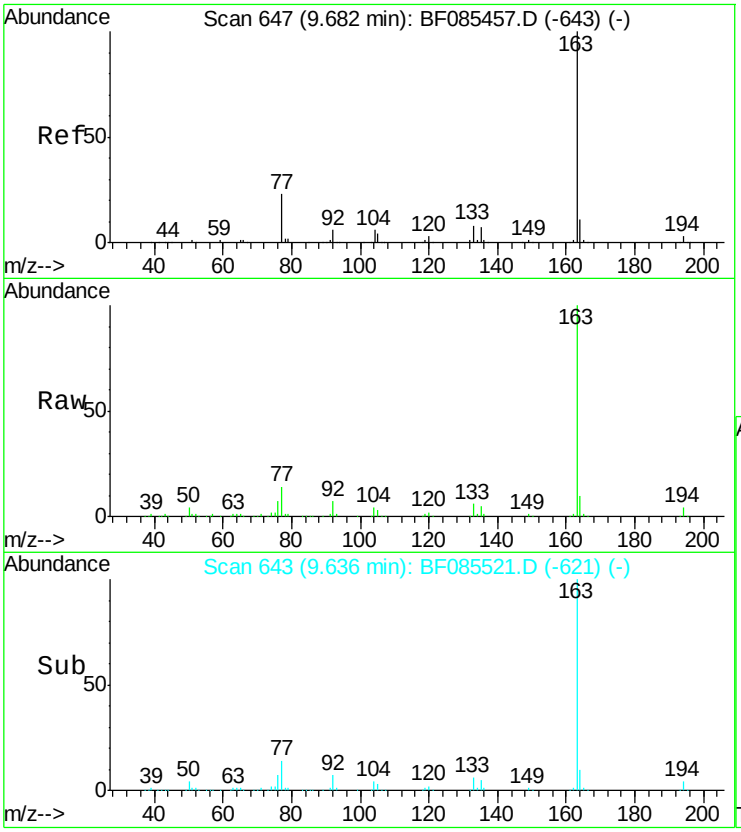


#44
2-Fluorobiphenyl
Concen: 95.21 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:172 Resp: 1234921

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.3	20.0	30.0

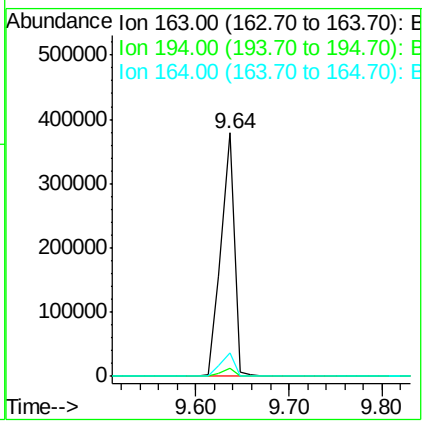




#49
Dimethylphthalate
Concen: 22.93 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:163 Resp: 376518

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.7	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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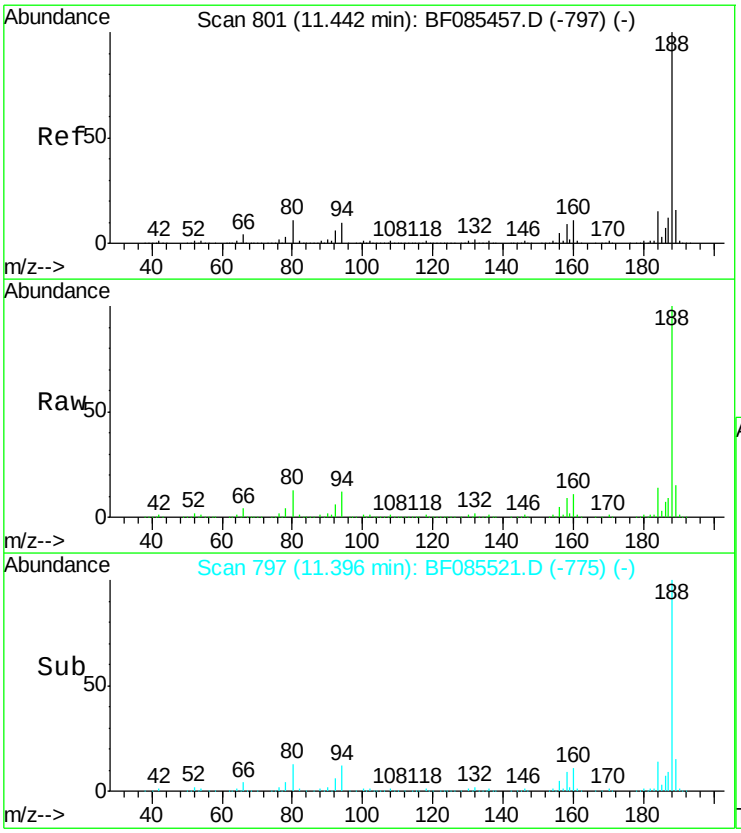
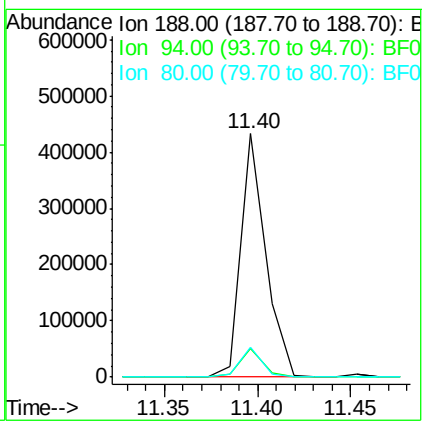
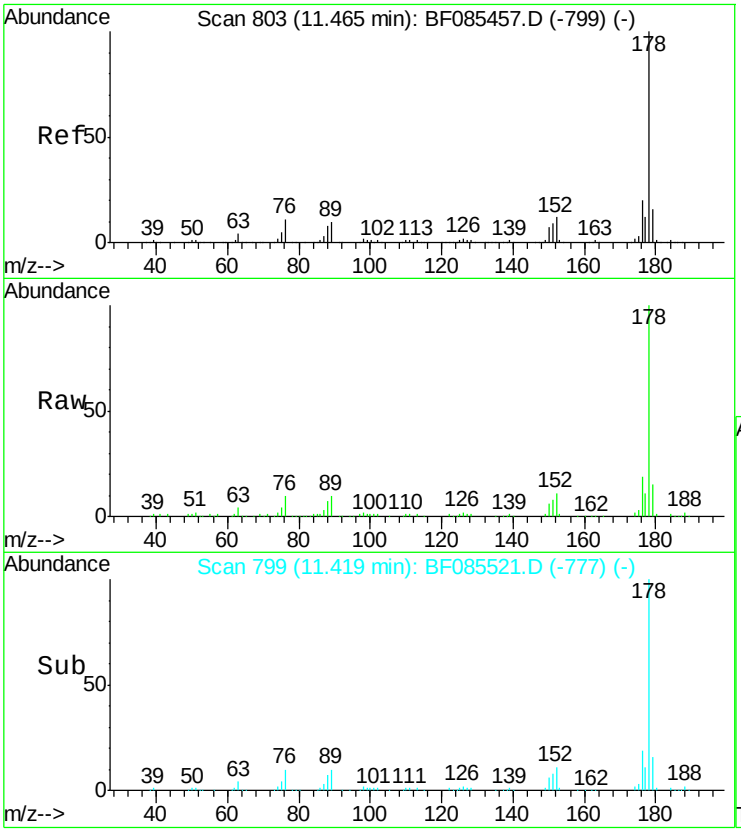


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:188 Resp: 403643

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	12.5	7.4	11.0#

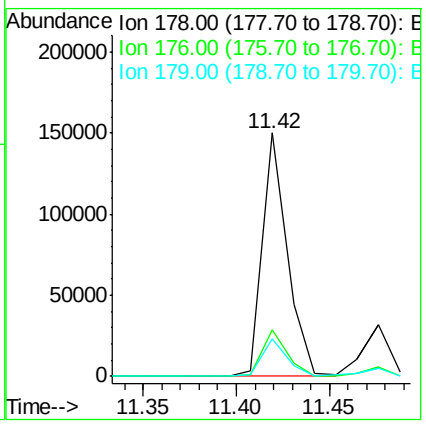




#70
Phenanthrene
Concen: 6.56 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:178 Resp: 137879

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	15.5	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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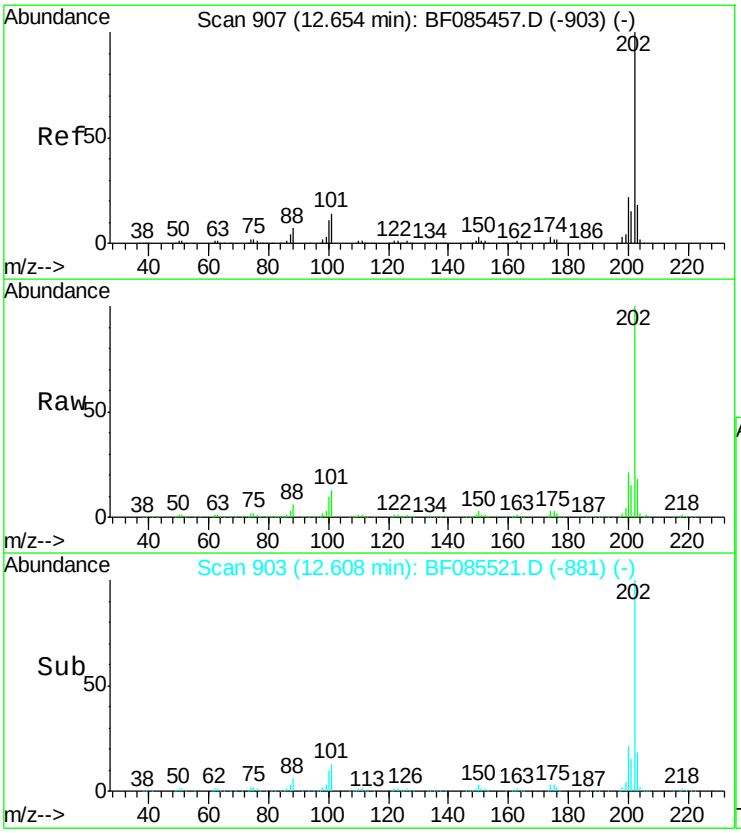
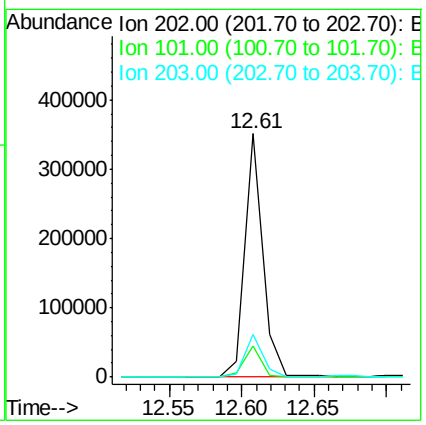
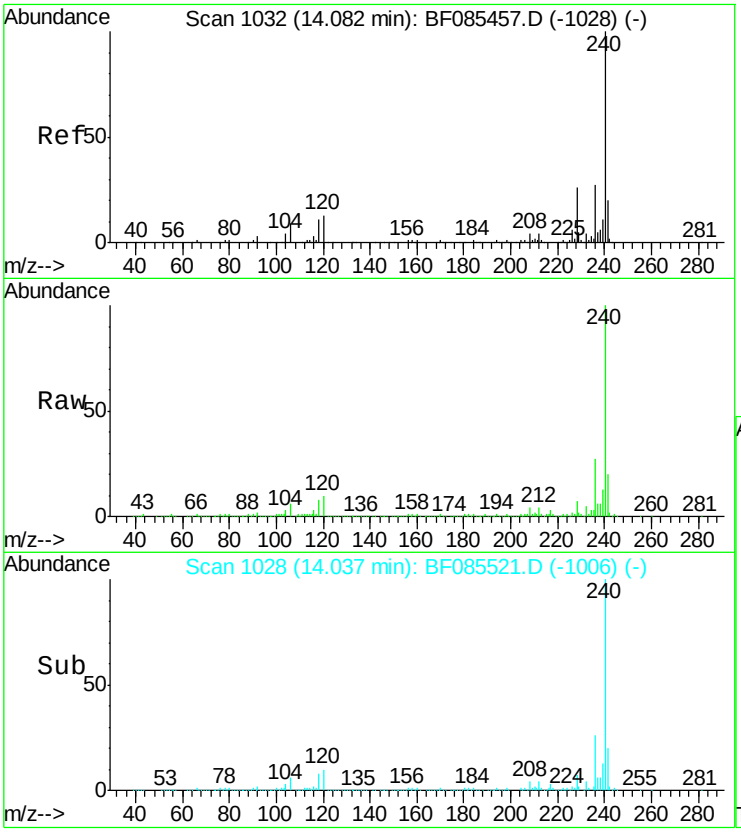


#74
Fluoranthene
Concen: 15.27 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:202 Resp: 301733

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.8
203	17.5	0.0	38.4

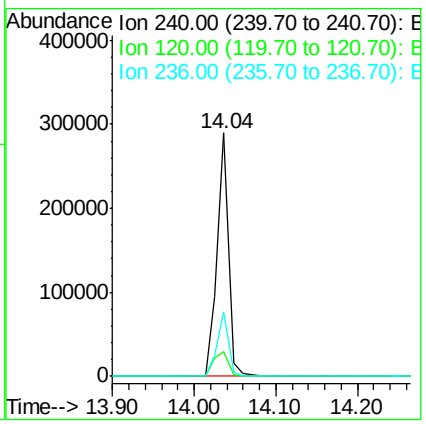




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:240 Resp: 281905

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.3	7.9#
236	26.5	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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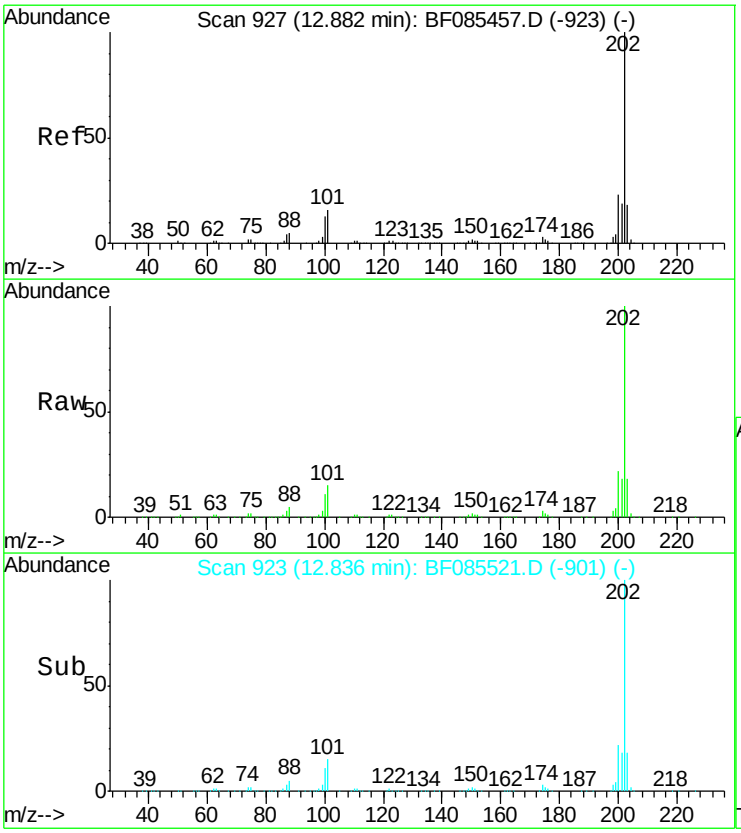
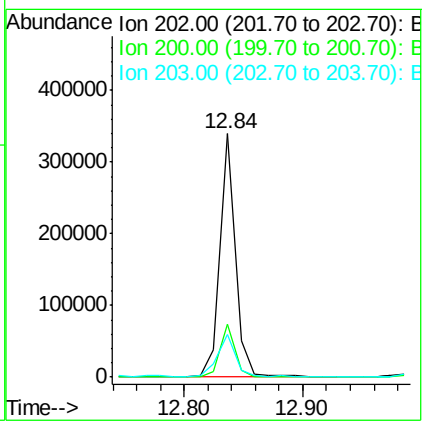
3/18/2016 3:43:50 PM

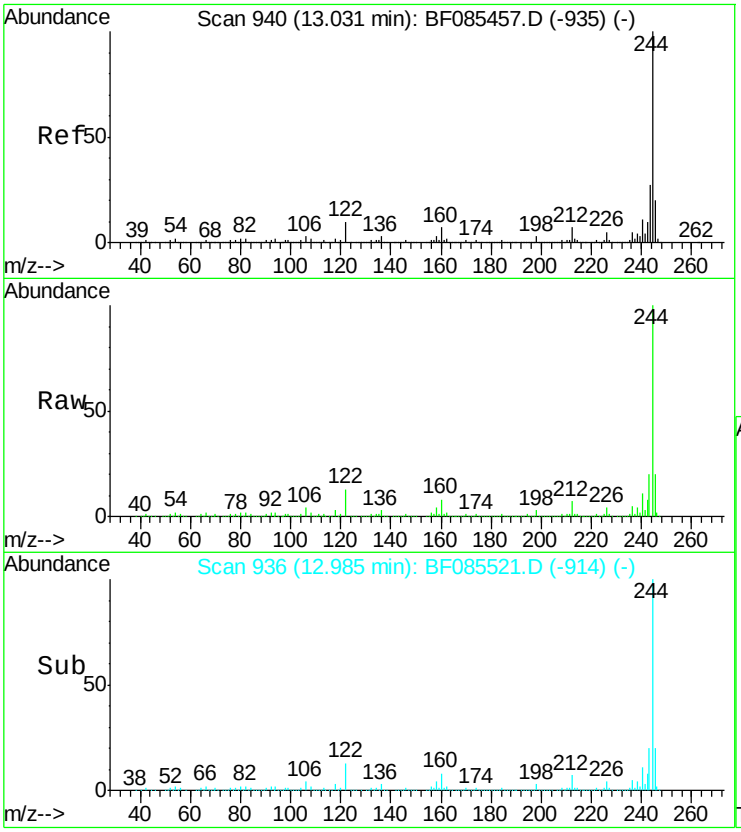


#77
Pyrene
Concen: 14.14 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:202 Resp: 298922

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.4
203	17.7	14.7	22.1

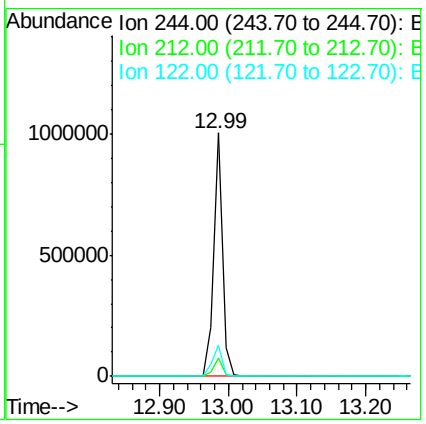




#78
Terphenyl-d14
Concen: 73.82 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:244 Resp: 919916

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.7	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

Manual Integrations APPROVED
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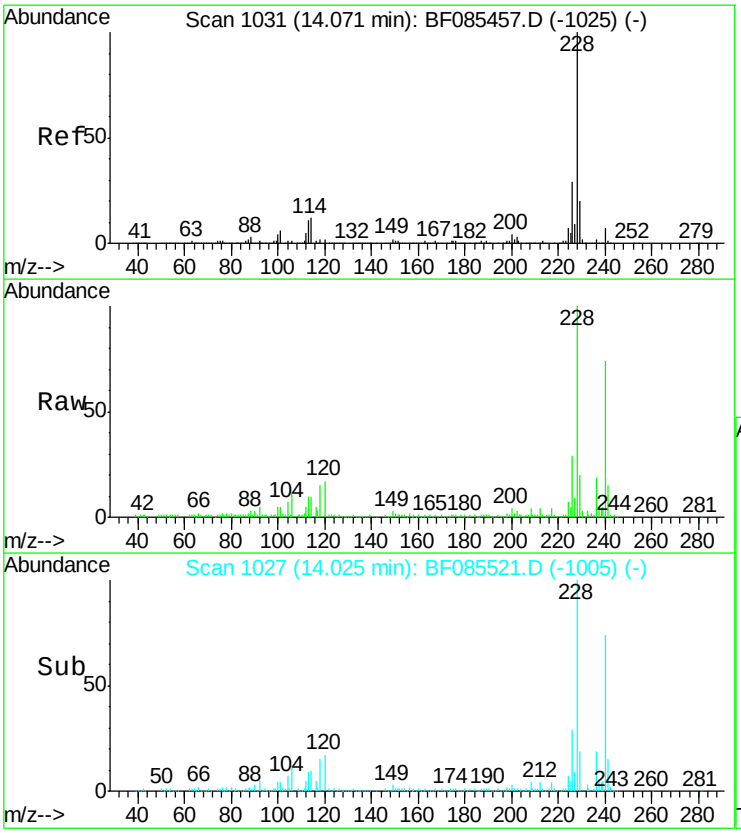
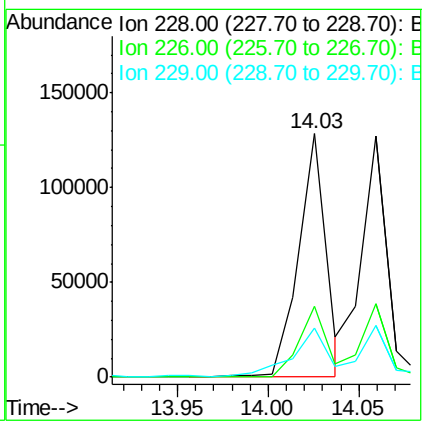
3/18/2016 3:43:50 PM

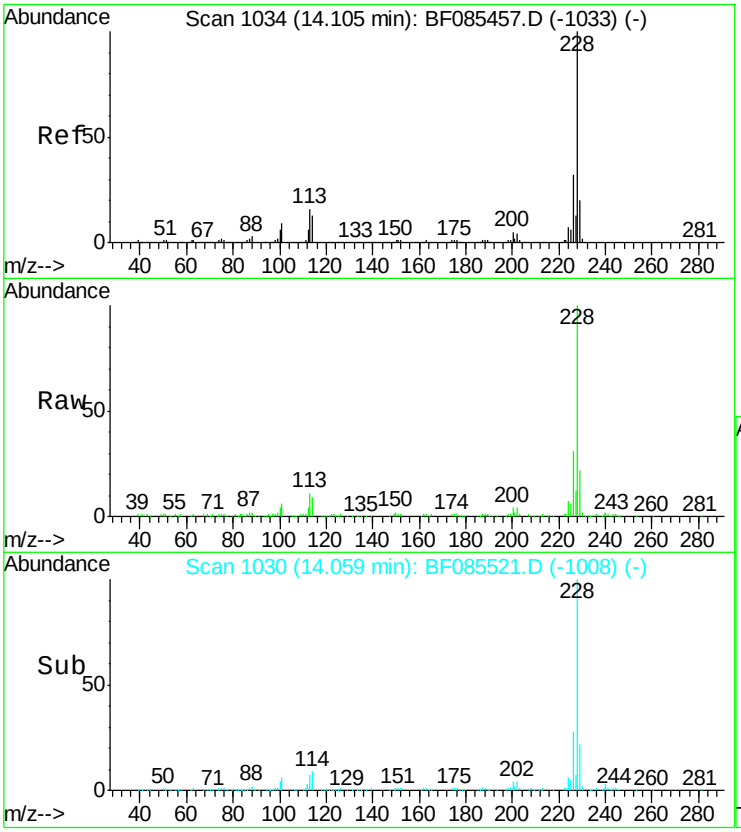


#80
Benzo(a)anthracene
Concen: 8.29 ng m
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:228 Resp: 133996

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	20.1	16.6	24.8





#82
Chrysene
Concen: 8.63 ng m
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:228 Resp: 125462

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	21.6	16.0	24.0

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

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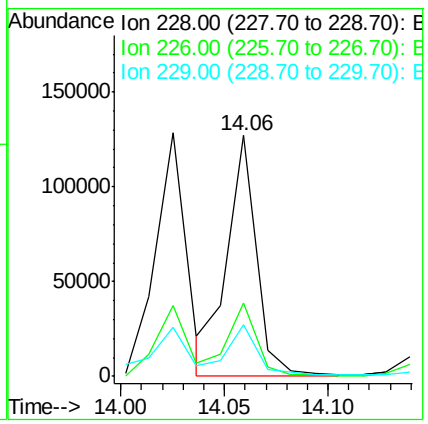
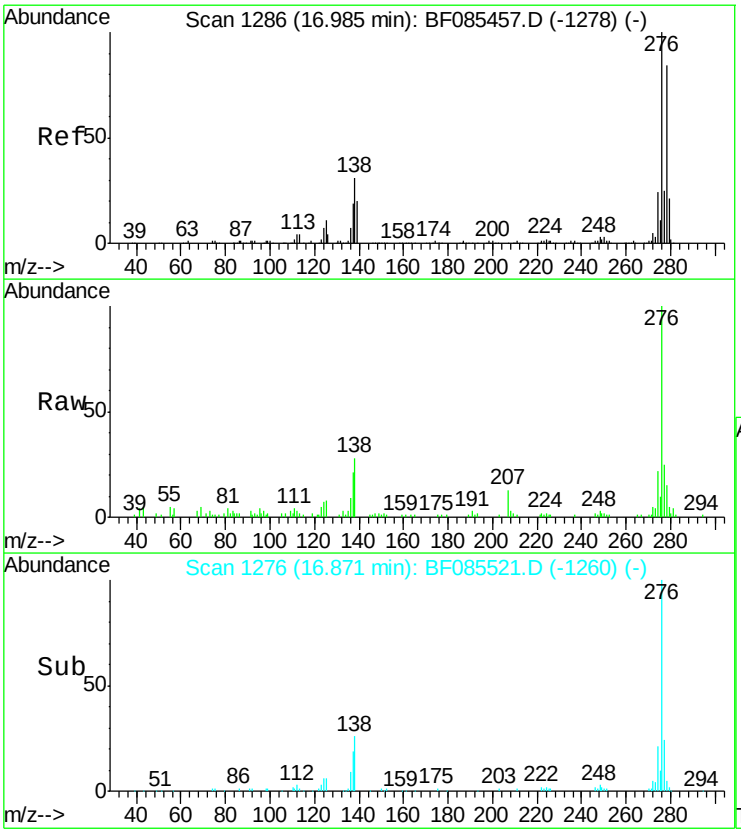
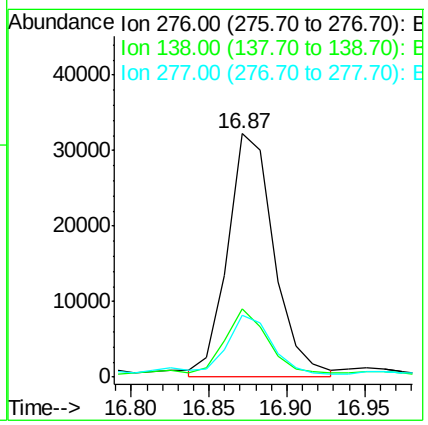


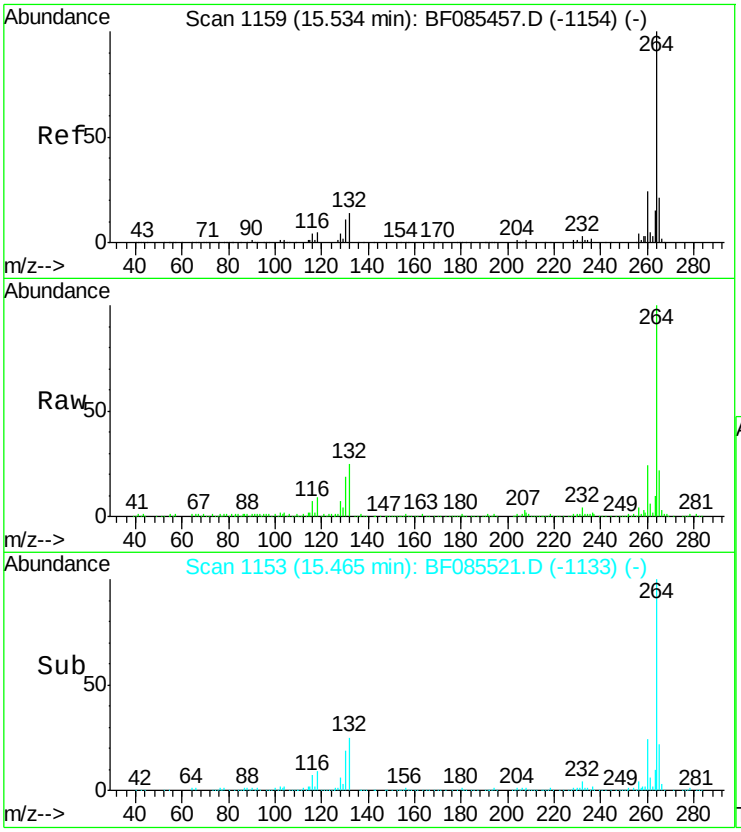


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.86 ng m
RT: 16.87 min Scan# 1276
Delta R.T. -0.11 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:276 Resp: 67018

Ion	Ratio	Lower	Upper
276	100		
138	7.4	26.4	39.6#
277	6.4	20.2	30.2#

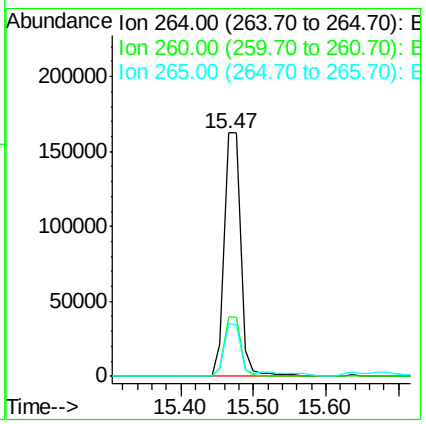




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:264 Resp: 259350

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

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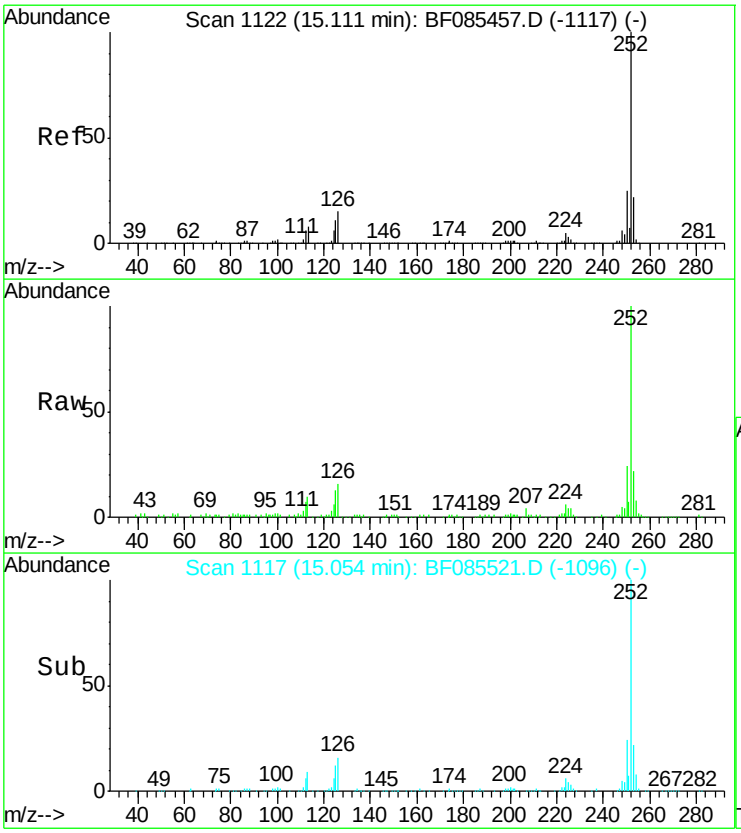
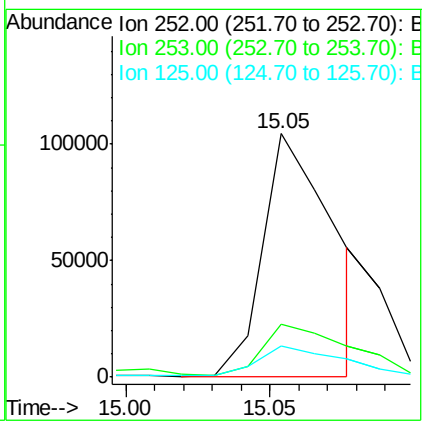
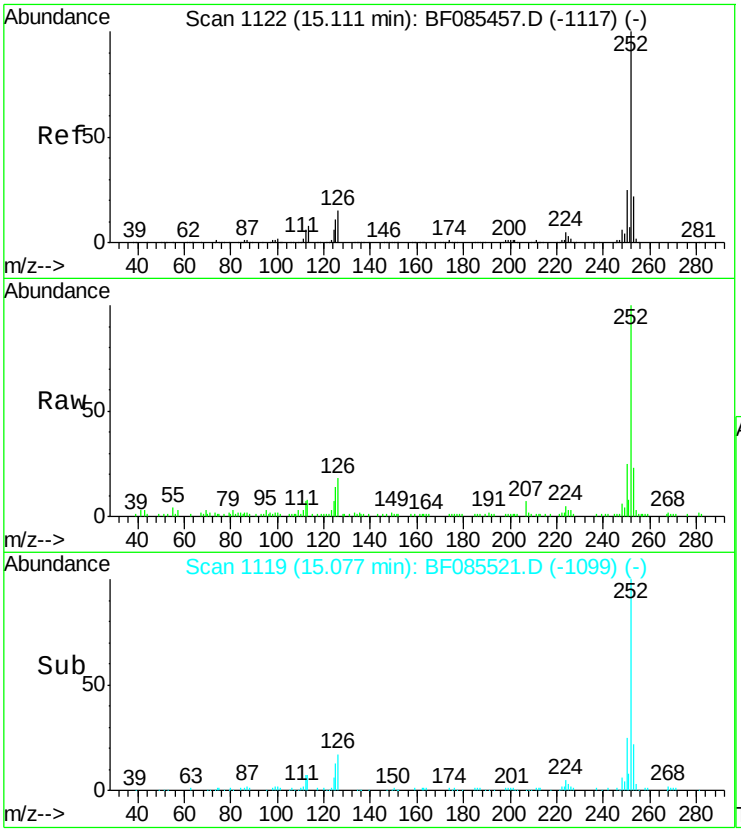


#87
Benzo(b)fluoranthene
Concen: 10.51 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:252 Resp: 178037

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.9	11.3	16.9

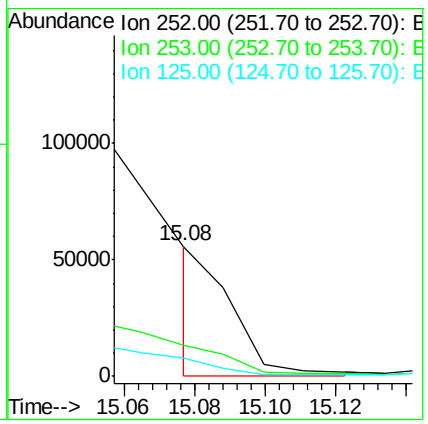




#88
Benzo(k)fluoranthene
Concen: 2.43 ng m
RT: 15.08 min Scan# 1119
Delta R.T. -0.07 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:252 Resp: 32183

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	13.7	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

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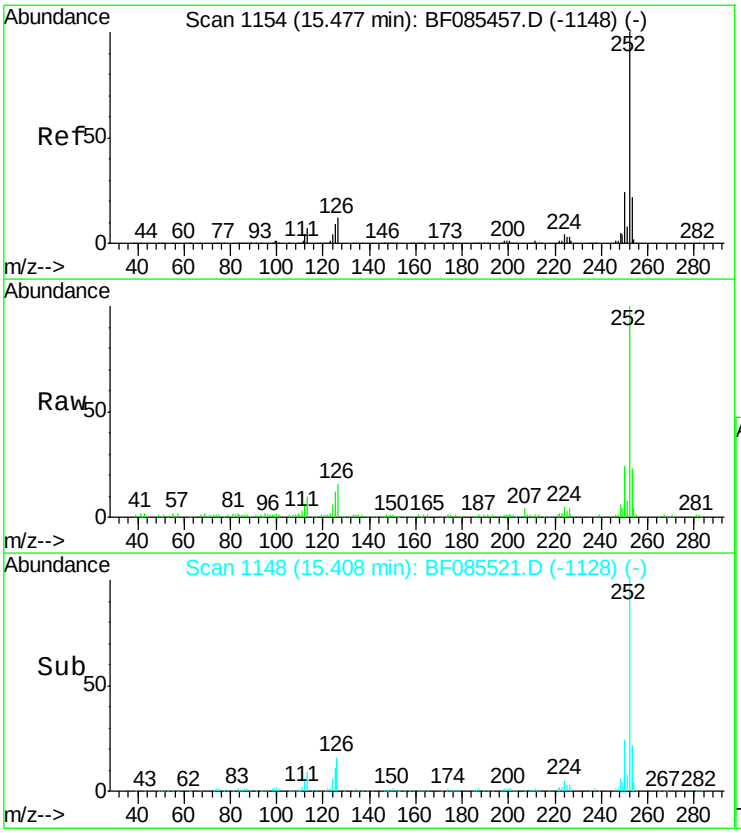
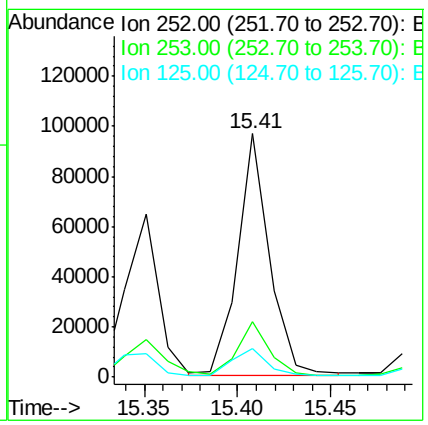
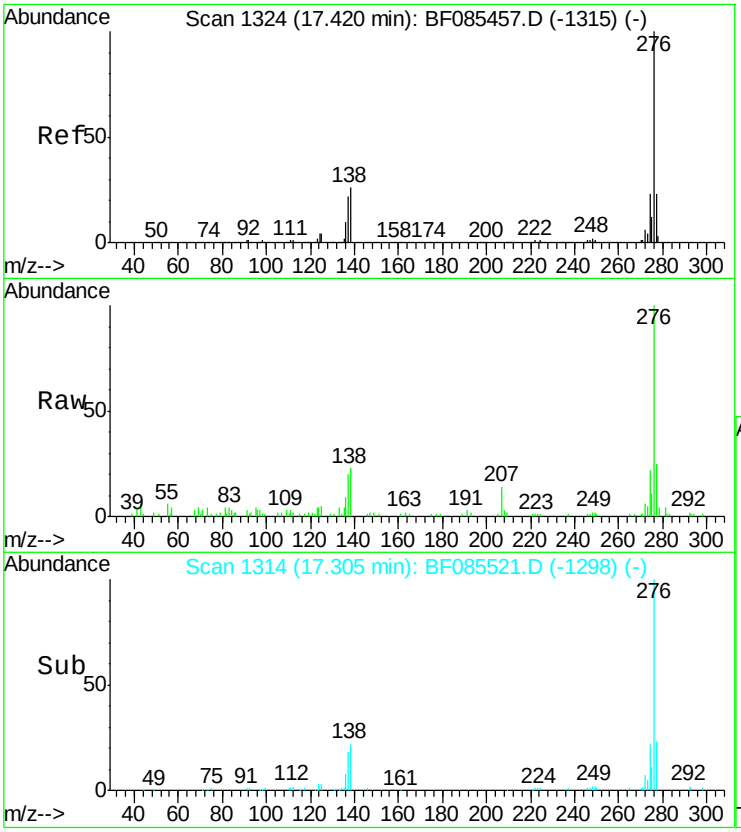


#89
Benzo(a)pyrene
Concen: 7.86 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:252 Resp: 115007

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.7	8.2	12.4

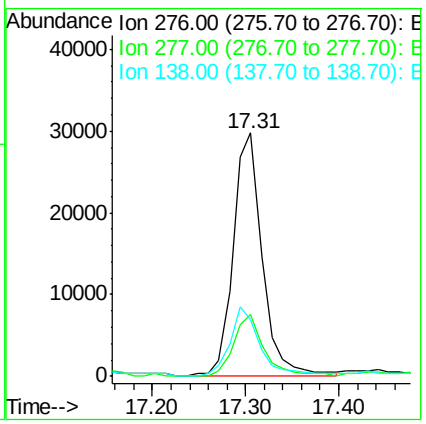




#91
Benzo(g,h,i)perylene
Concen: 4.44 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BF085521.D
Acq: 18 Mar 2016 6:12

Tgt Ion:276 Resp: 64799

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	23.5	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-12(0.5-3.5)

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