Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085409.D
Acq On : 12 Mar 2016 9:53
Operator : UM/SJ
Sample : H1730-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
UMANGI
3/14/2016 10:47:02 AM

Quant Time: Mar 14 01:19:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155561	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	570620	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	238292	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	258933	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	200399	20.00	ng		-0.05
86) Perylene-d12	15.57	264	211995	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1150616	124.07	ng		-0.03
7) Phenol-d6	6.57	99	1631404	134.27	ng		-0.03
23) Nitrobenzene-d5	7.50	82	1010922	94.80	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	252411	123.79	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1500823	95.79	ng		-0.05
78) Terphenyl-d14	13.05	244	667852	77.36	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	9.69	163	337266	18.44	ng		99
70) Phenanthrene	11.49	178	51562	3.80	ng		97
74) Fluoranthene	12.68	202	120111	8.82	ng		98
77) Pyrene	12.90	202	114685	7.60	ng		97
80) Benzo(a)anthracene	14.09	228	70753	5.90	ng		99
82) Chrysene	14.13	228	51993	4.69	ng		97
85) Indeno(1,2,3-cd)pyrene	17.03	276	28456	3.29	ng	#	89
87) Benzo(b)fluoranthene	15.15	252	61504m	4.35	ng		
88) Benzo(k)fluoranthene	15.16	252	25789m	2.26	ng		
89) Benzo(a)pyrene	15.51	252	55208	4.71	ng	#	98
91) Benzo(g,h,i)perylene	17.47	276	27405	2.73	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085409.D
Acq On : 12 Mar 2016 9:53
Operator : UM/SJ
Sample : H1730-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 14 01:19:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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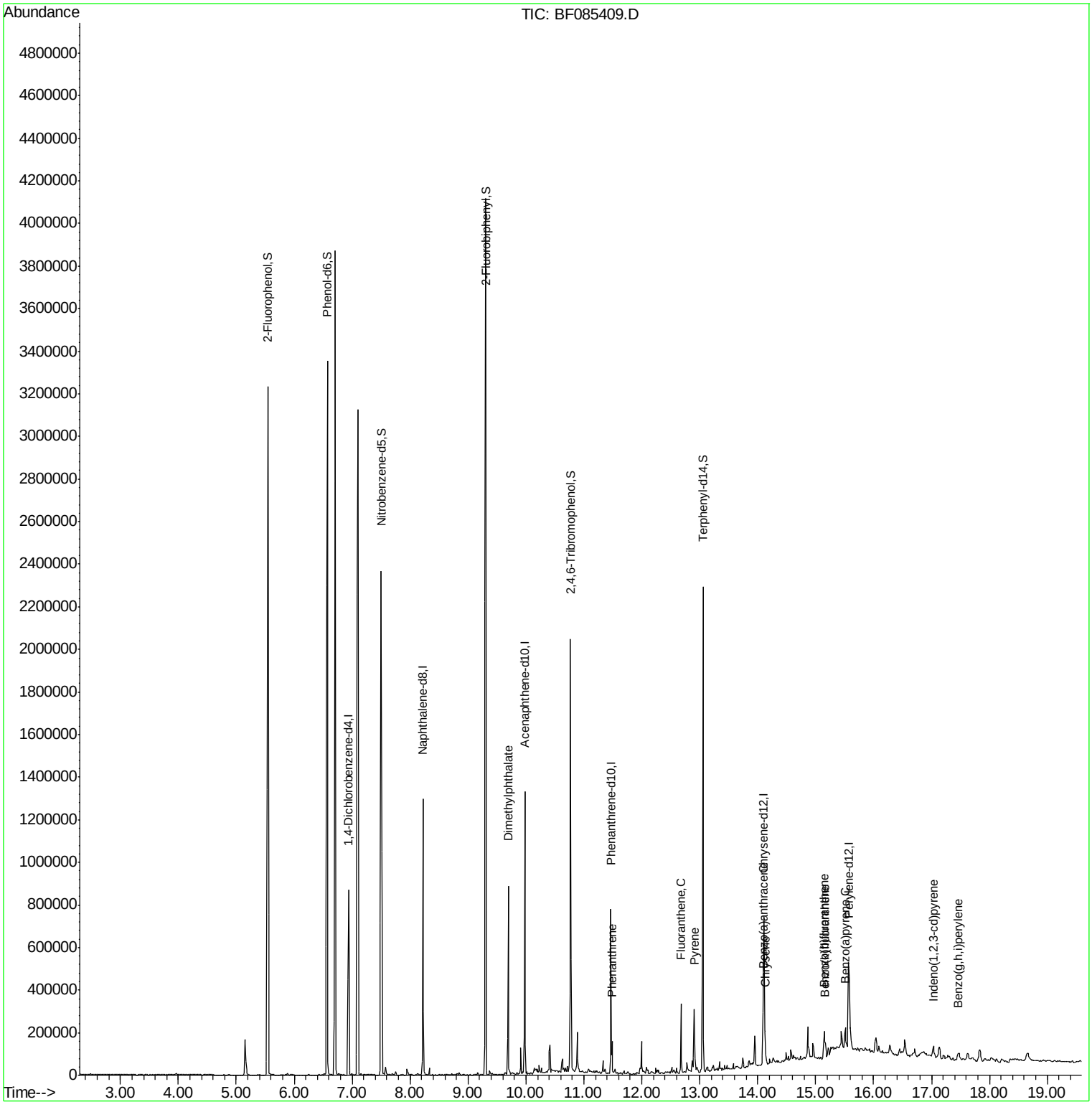
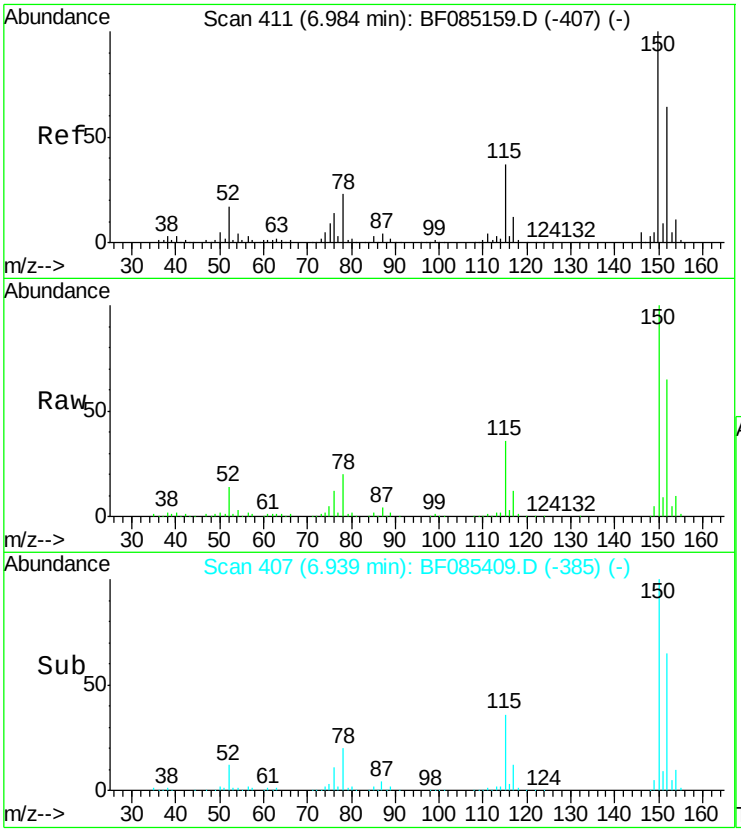
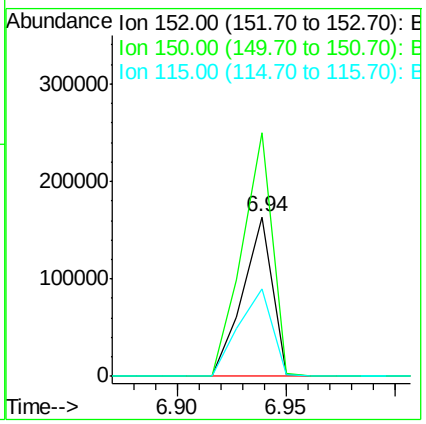




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:152 Resp: 155561

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	55.0	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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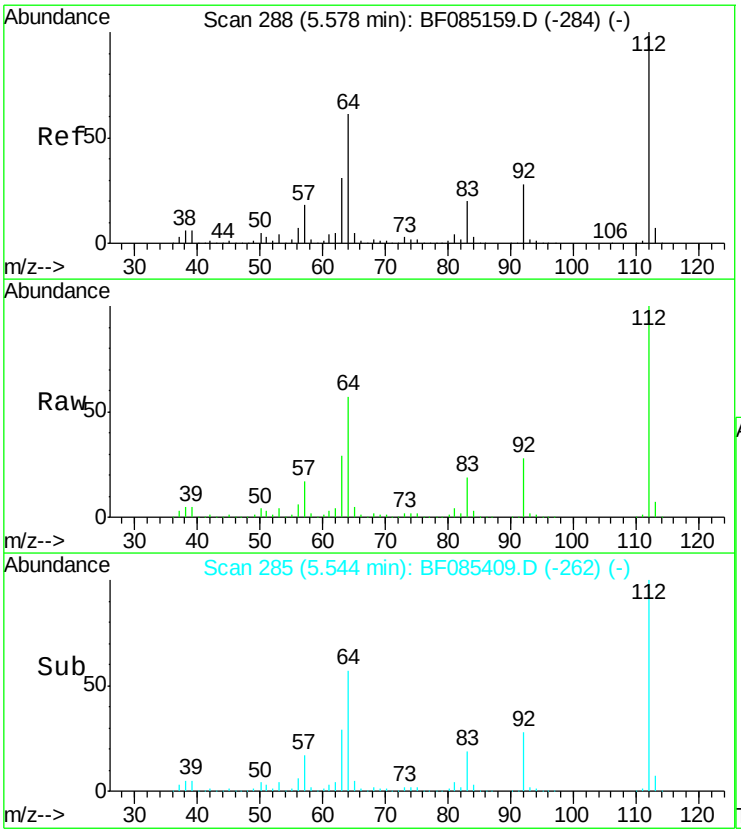
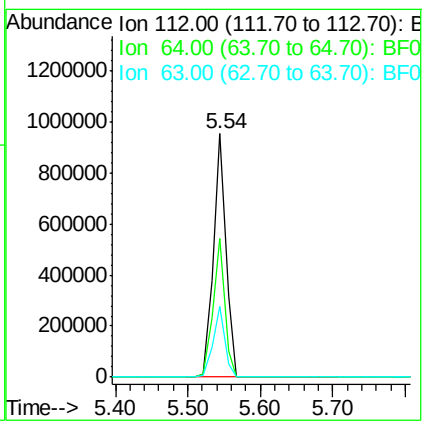
3/14/2016 10:47:02 AM

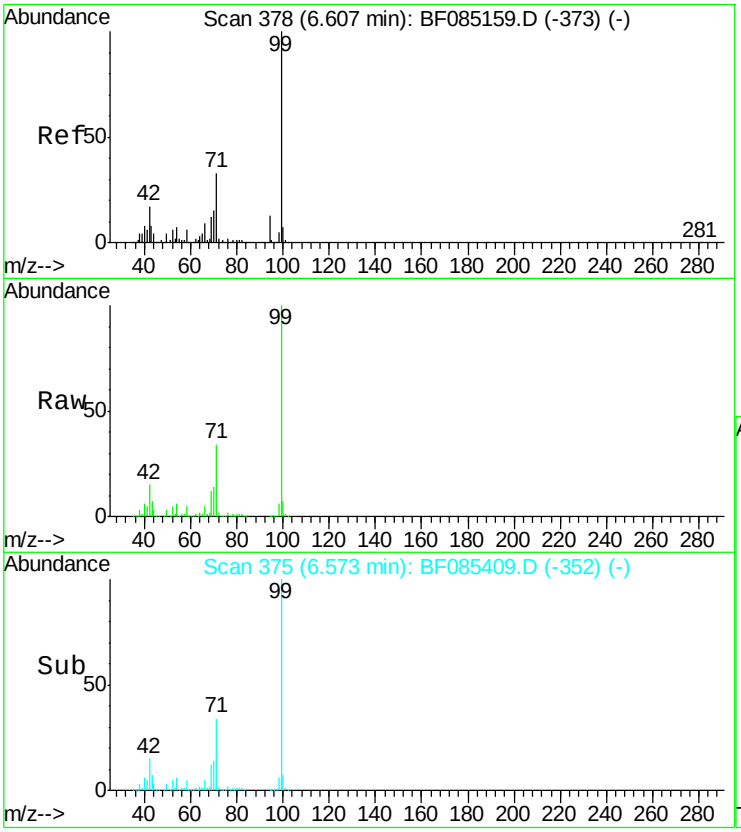


#5
2-Fluorophenol
Concen: 124.07 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:112 Resp: 1150616

Ion	Ratio	Lower	Upper
112	100		
64	57.1	49.0	73.4
63	28.9	24.8	37.2

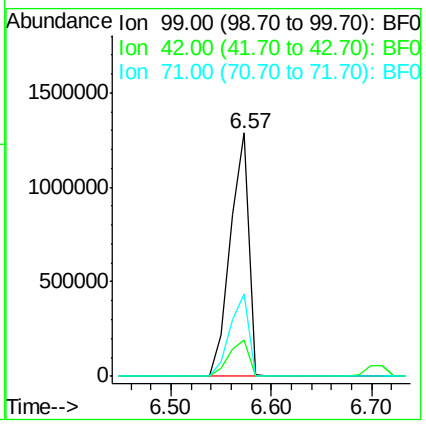




#7
Phenol-d6
Concen: 134.27 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion: 99 Resp: 1631404

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.6	20.4
71	33.9	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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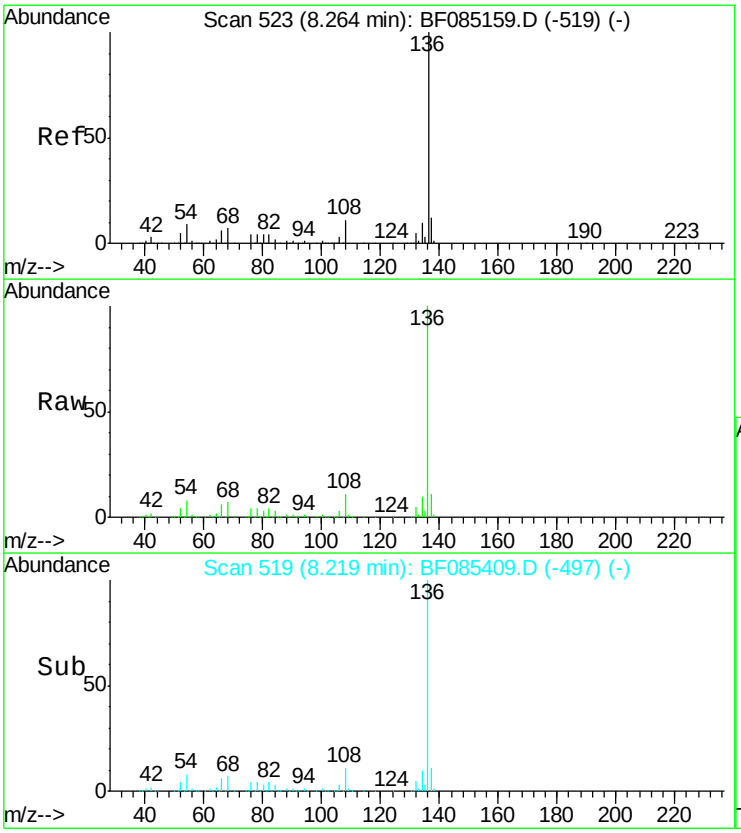
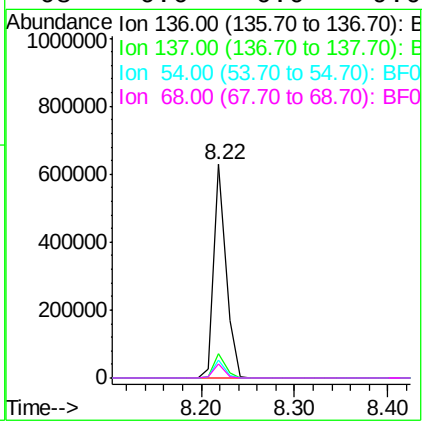
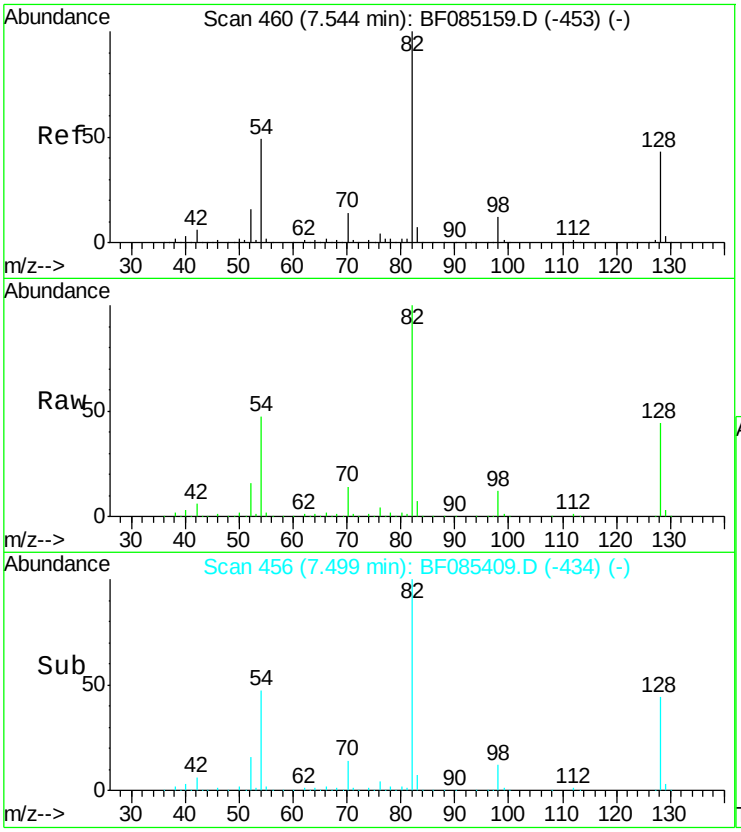


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:136 Resp: 570620

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.3	7.4	11.2
68	6.6	6.0	9.0

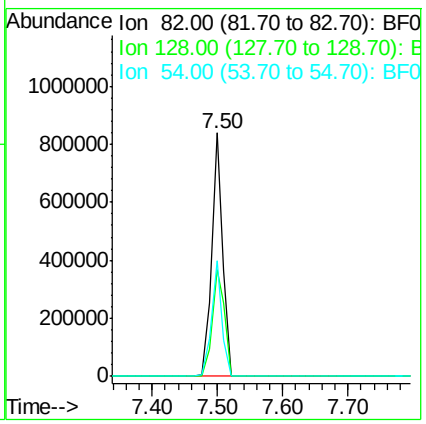




#23
Nitrobenzene-d5
Concen: 94.80 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion: 82 Resp: 1010922

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.5	51.7
54	47.4	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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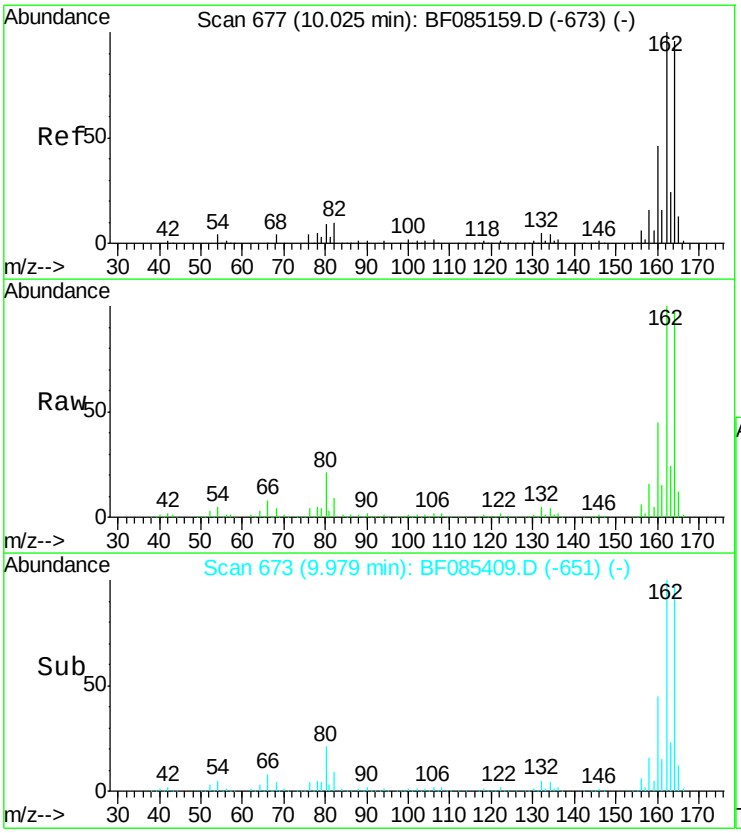
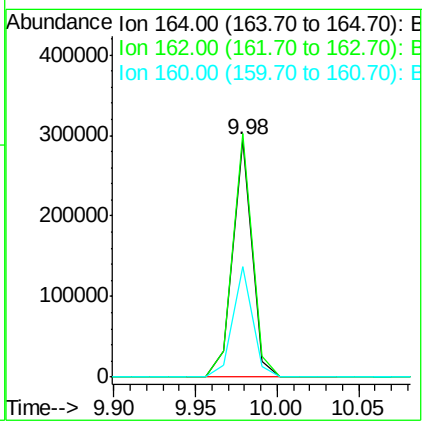
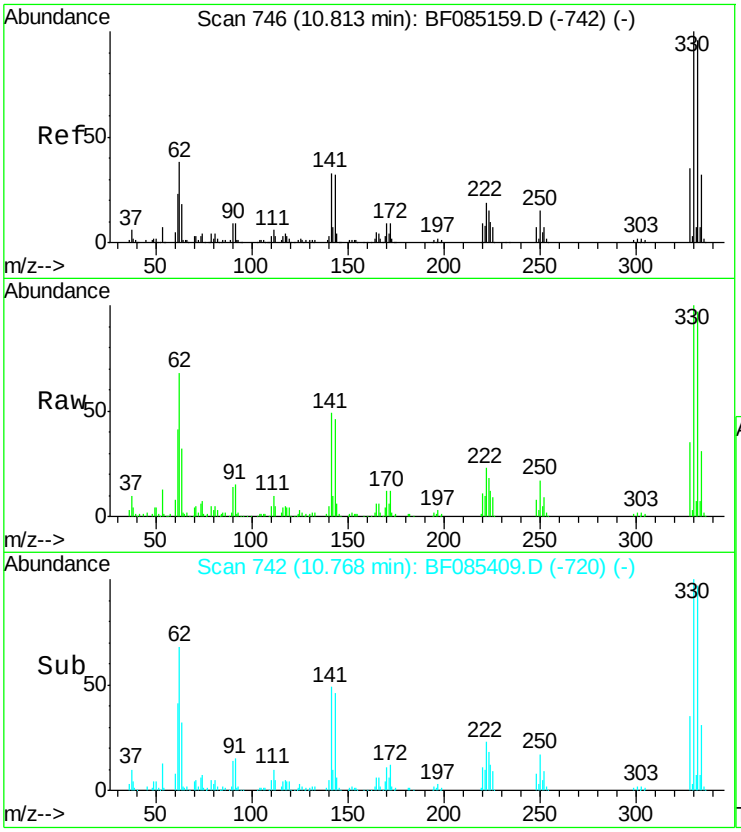


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:164 Resp: 238292

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.3	124.9
160	46.7	37.9	56.9

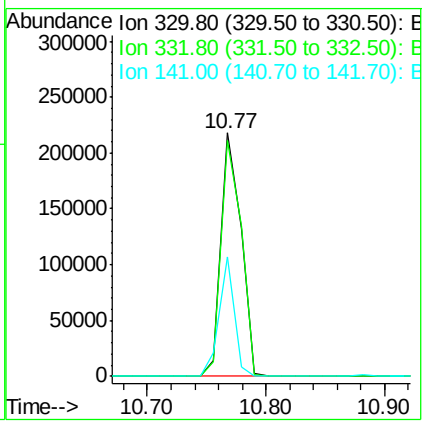




#41
2,4,6-Tribromophenol
Concen: 123.79 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:330 Resp: 252411

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.1	115.7
141	37.6	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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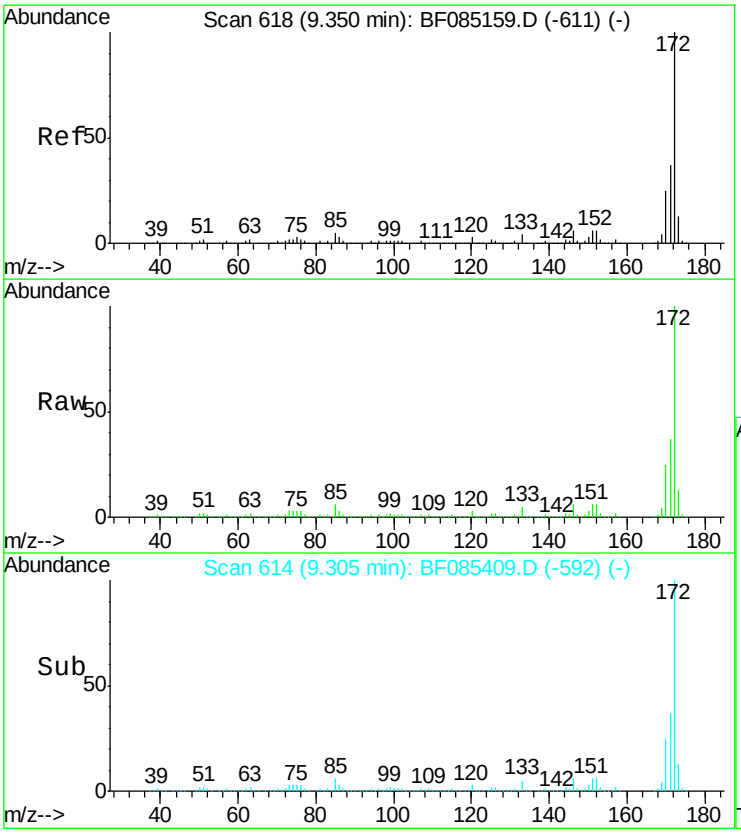
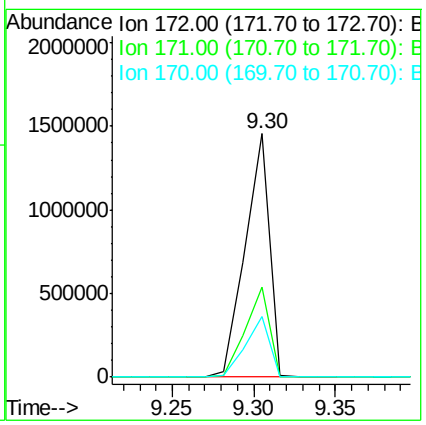
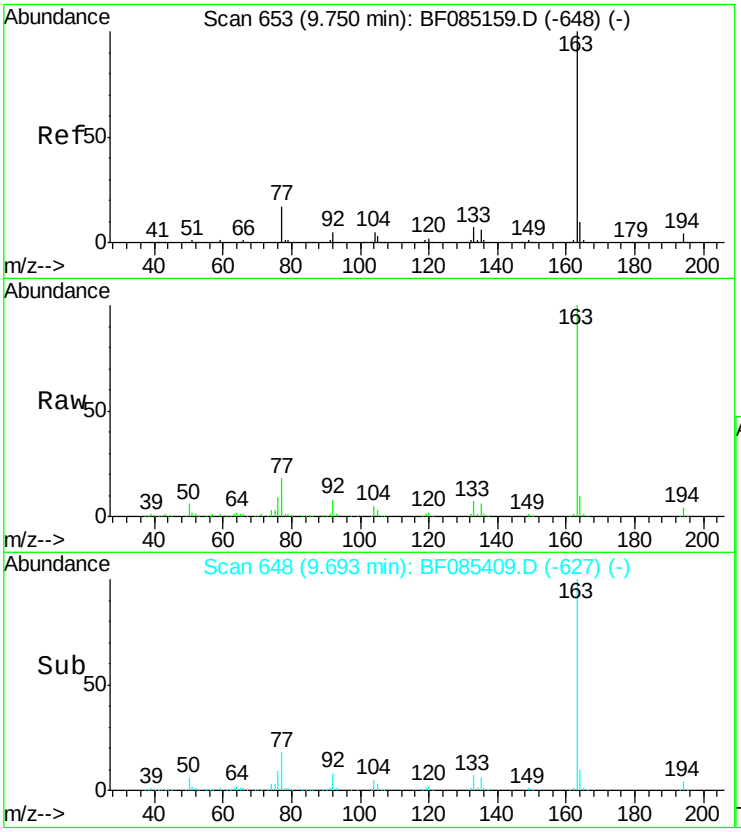


#44
2-Fluorobiphenyl
Concen: 95.79 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:172 Resp: 1500823

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.7	20.0	30.0

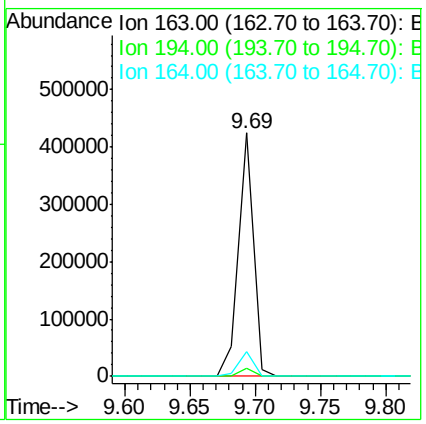




#49
Dimethylphthalate
Concen: 18.44 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:163 Resp: 337266

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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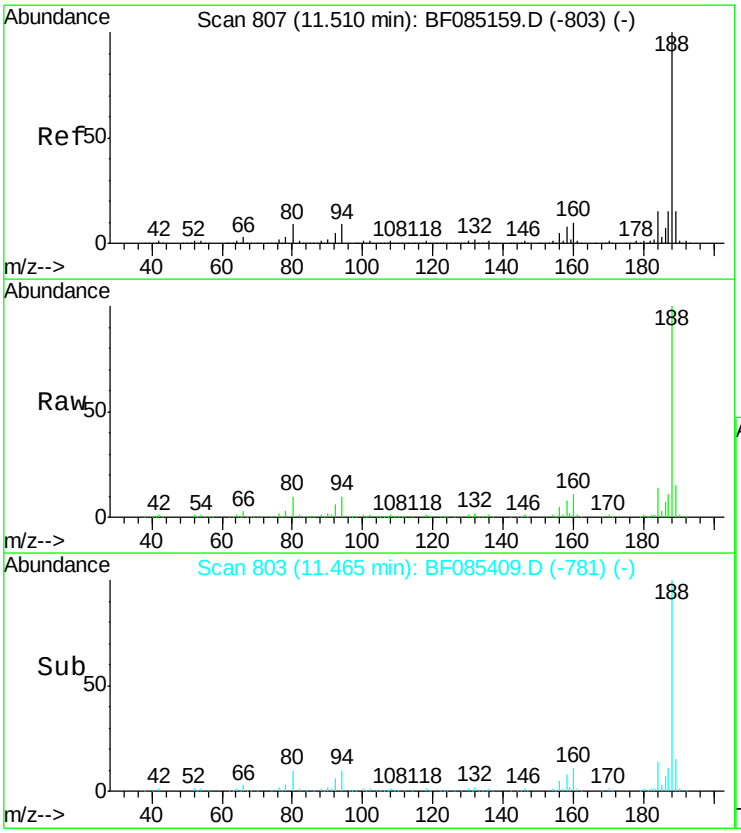
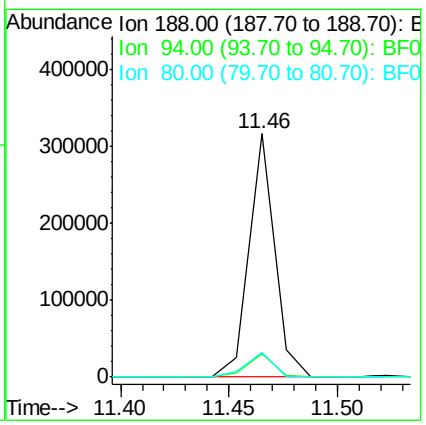
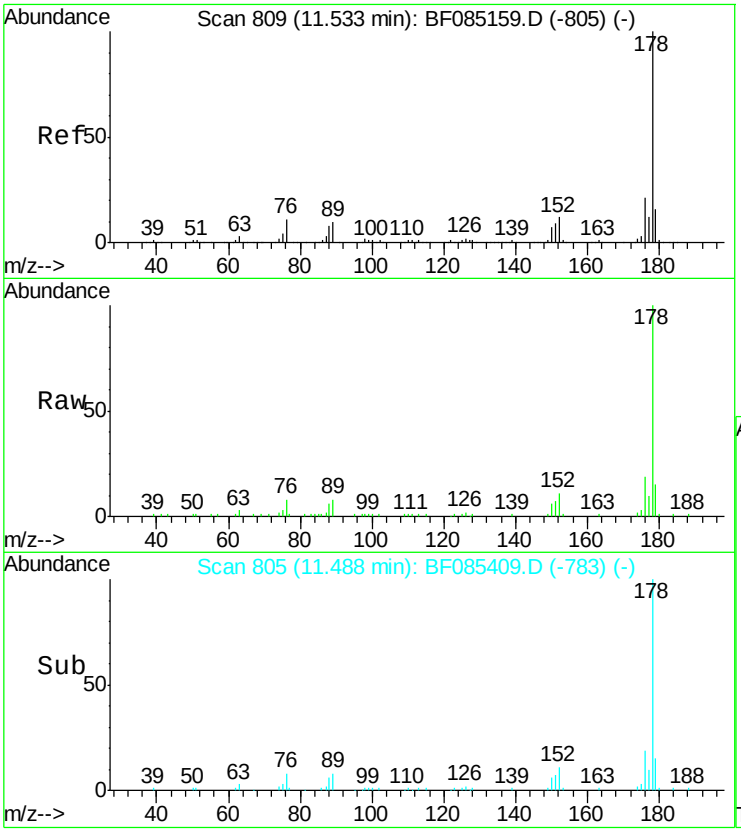


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:188 Resp: 258933

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	10.0	7.4	11.0

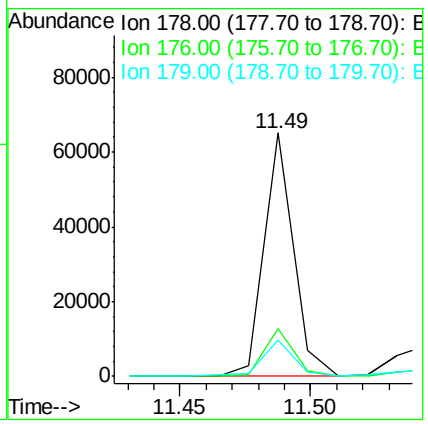




#70
Phenanthrene
Concen: 3.80 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:178 Resp: 51562

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	14.8	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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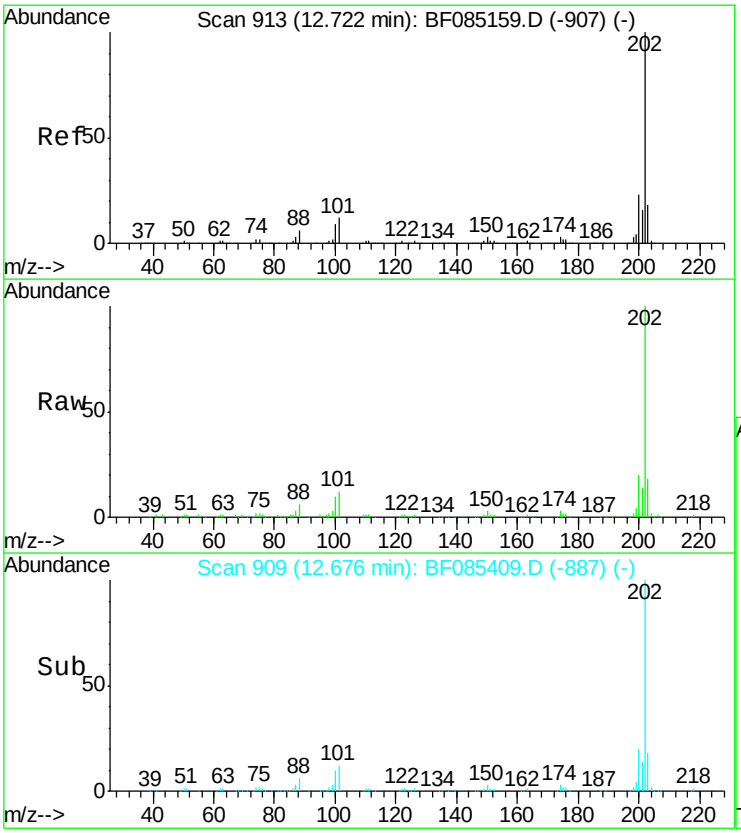
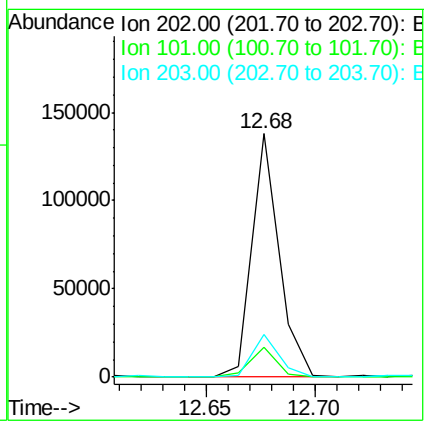
3/14/2016 10:47:02 AM

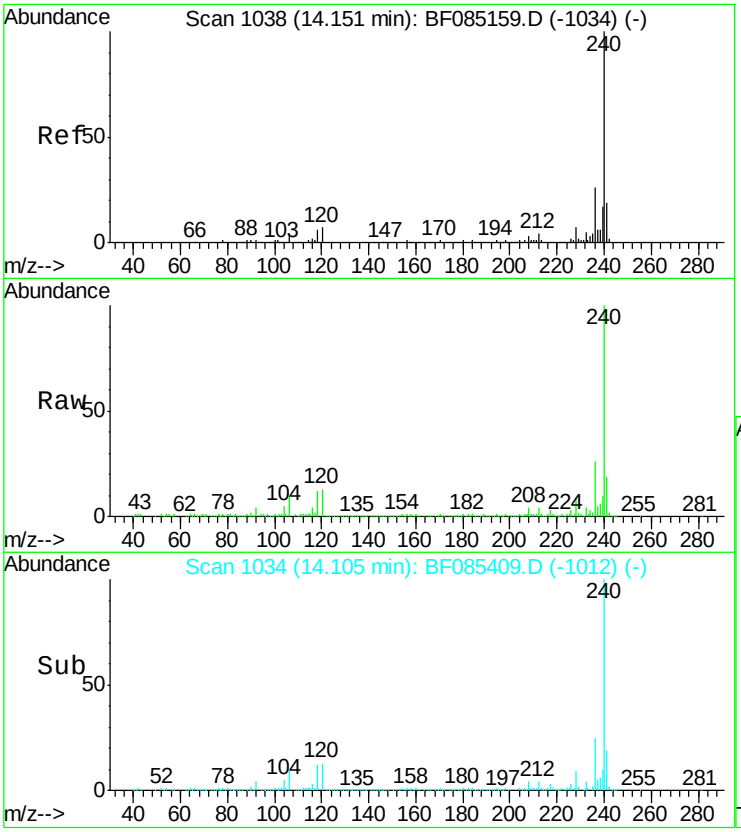


#74
Fluoranthene
Concen: 8.82 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:202 Resp: 120111

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.8
203	17.5	0.0	38.4





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:240 Resp: 200399

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.3	7.9#
236	25.6	20.7	31.1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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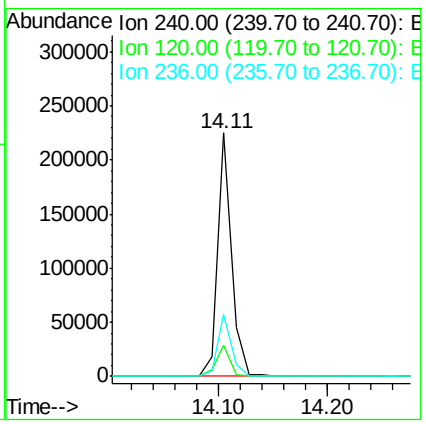
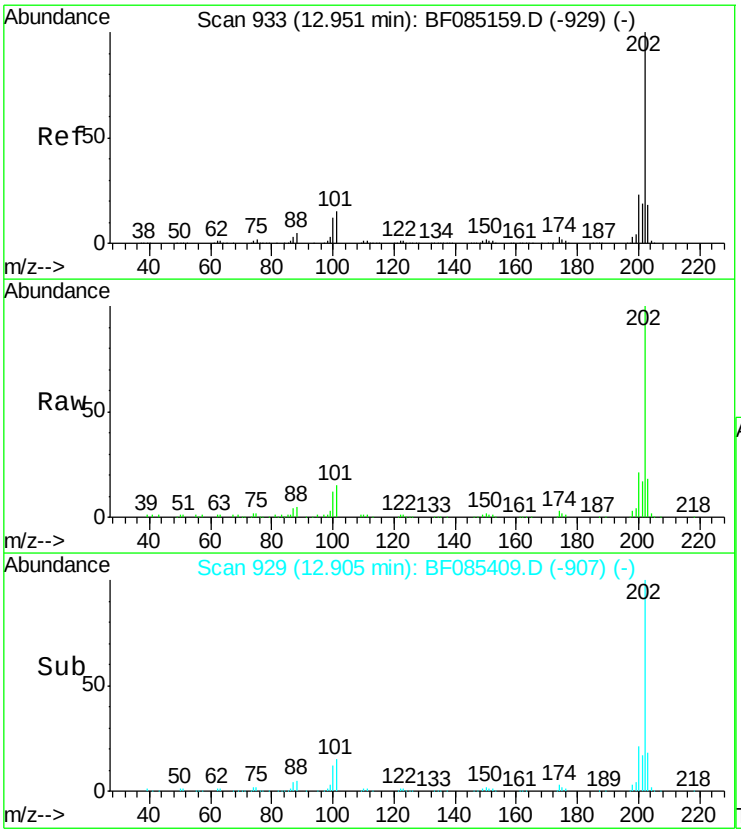
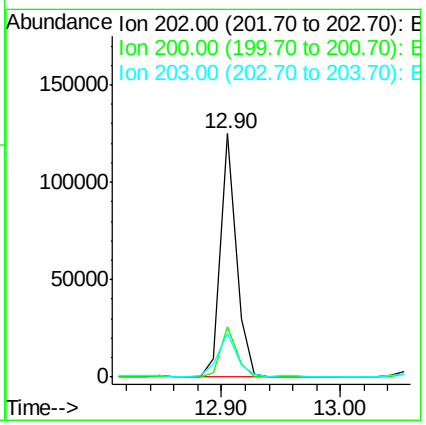


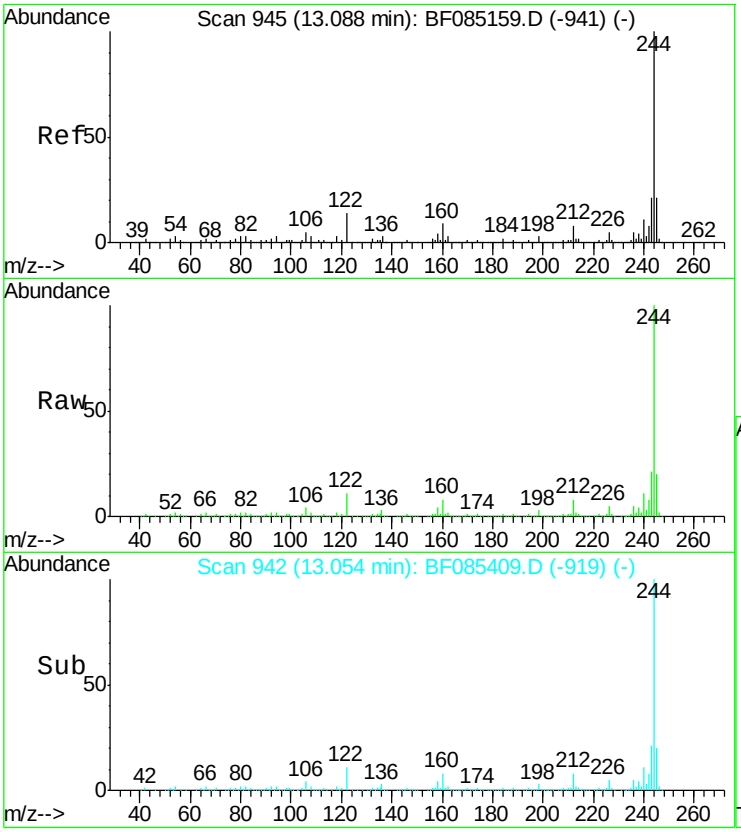


#77
Pyrene
Concen: 7.60 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:202 Resp: 114685

Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.2	27.4
203	18.0	14.7	22.1

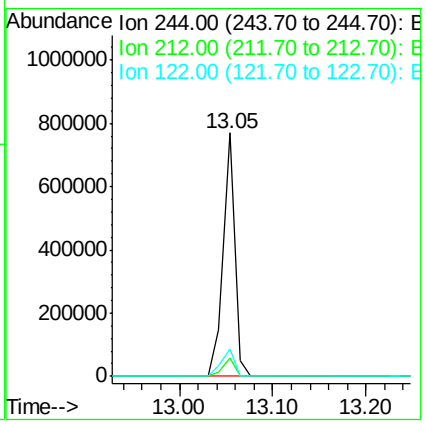




#78
Terphenyl-d14
Concen: 77.36 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:244 Resp: 667852

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.4	11.4	17.2#



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations APPROVED
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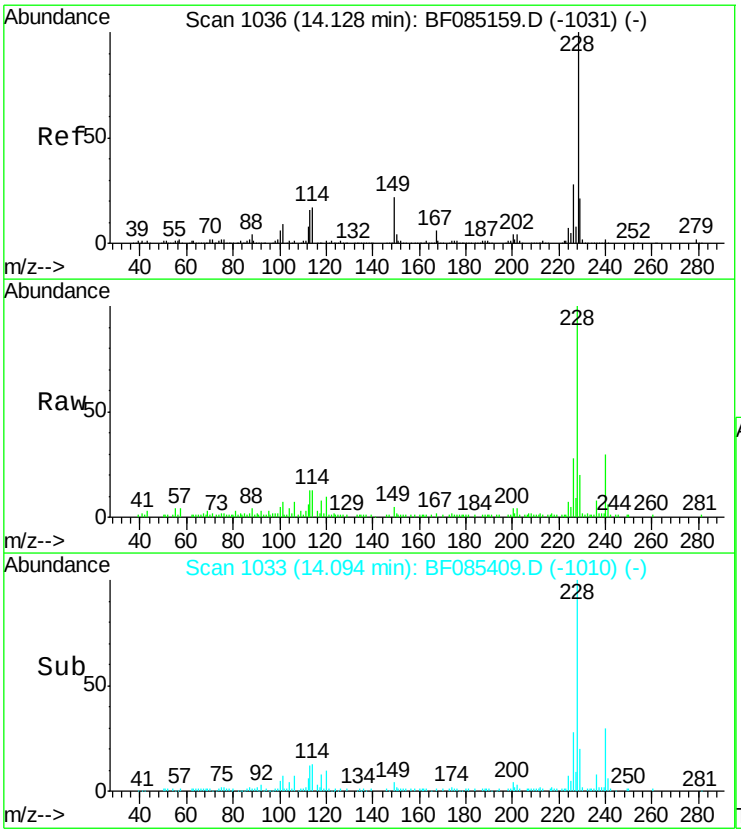
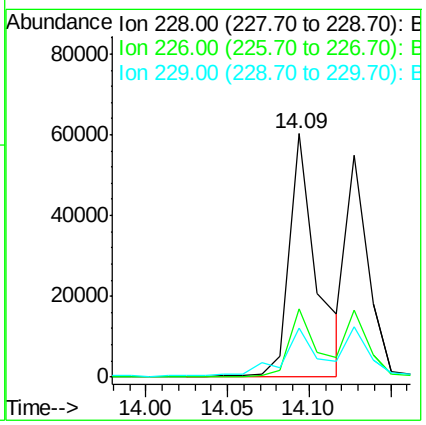
3/14/2016 10:47:02 AM

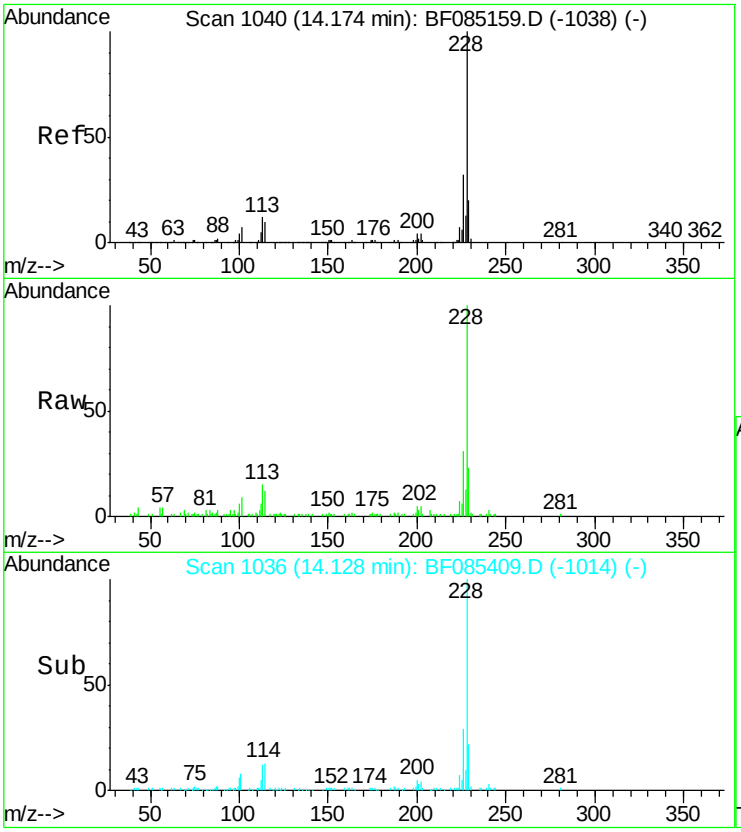


#80
Benzo(a)anthracene
Concen: 5.90 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:228 Resp: 70753

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.8	34.2
229	20.3	16.6	24.8

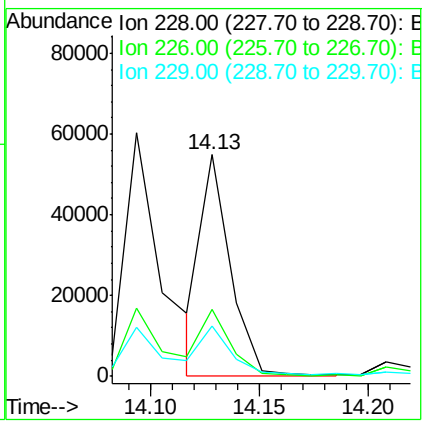




#82
Chrysene
Concen: 4.69 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:228 Resp: 51993

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	22.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

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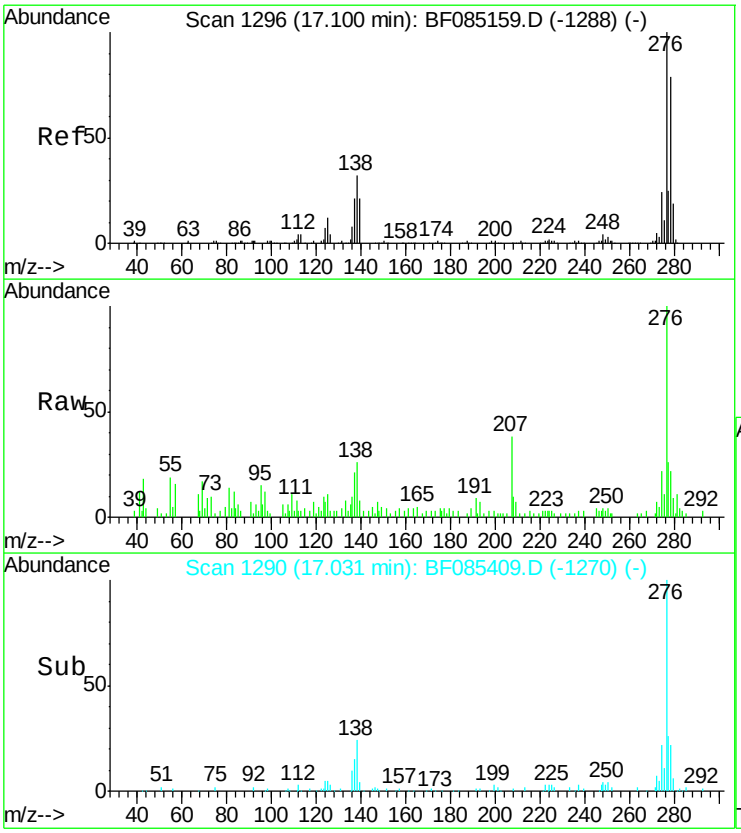
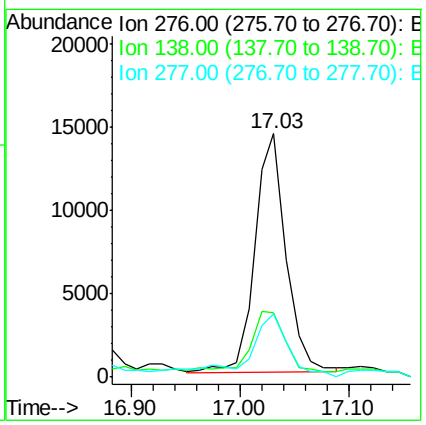
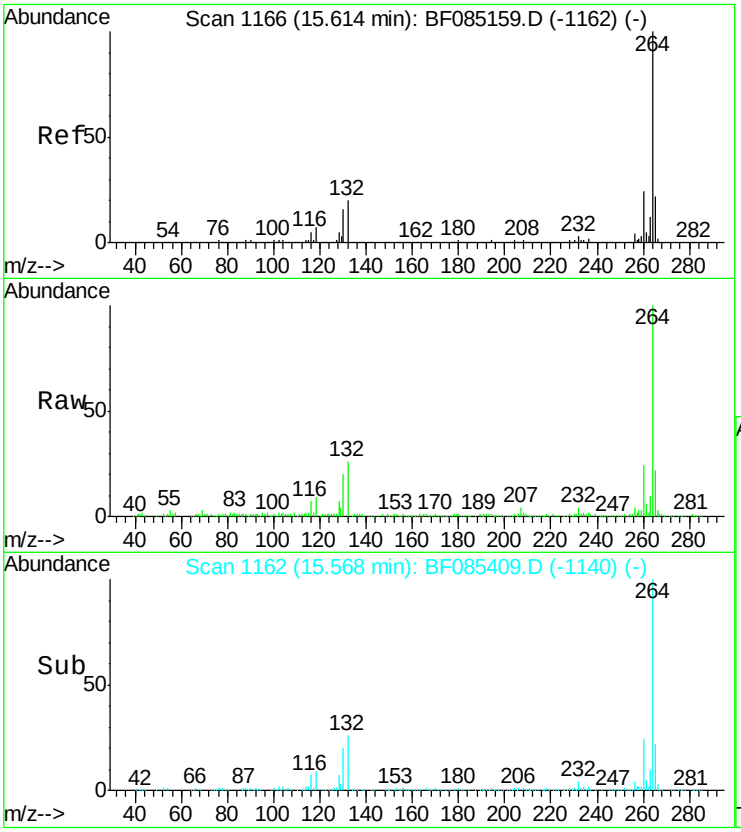


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.29 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:276 Resp: 28456

Ion	Ratio	Lower	Upper
276	100		
138	31.8	26.4	39.6
277	36.4	20.2	30.2#

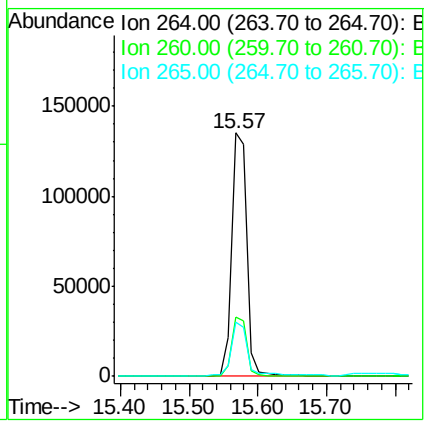




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:264 Resp: 211995

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

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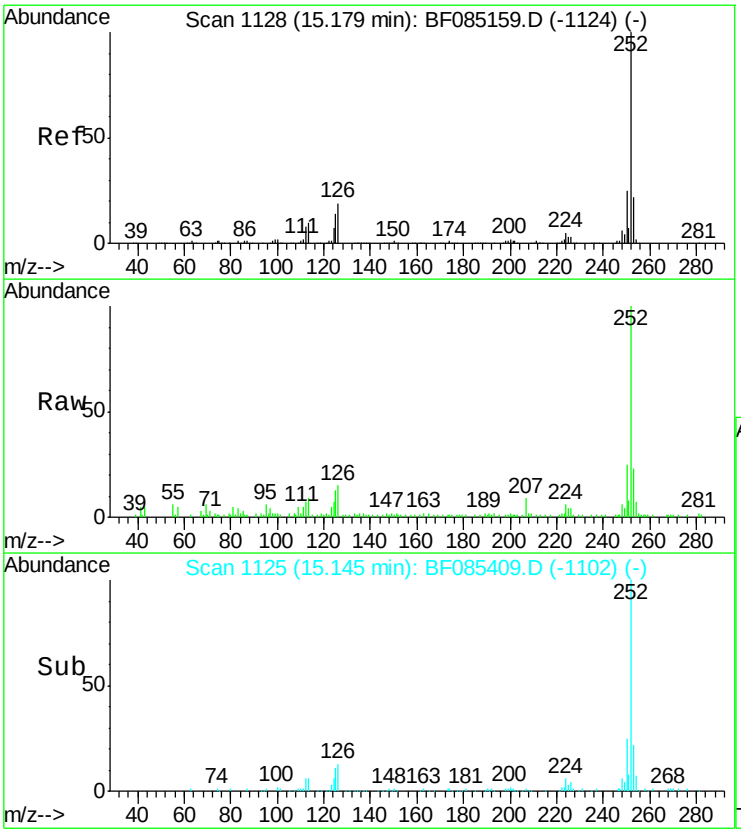
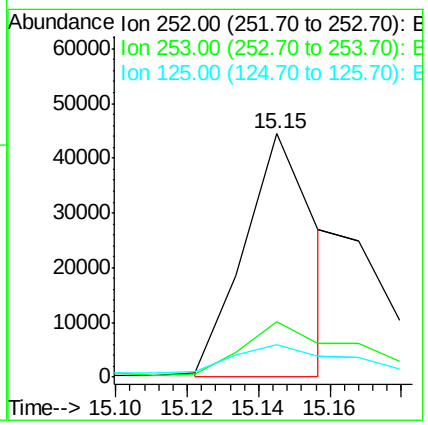
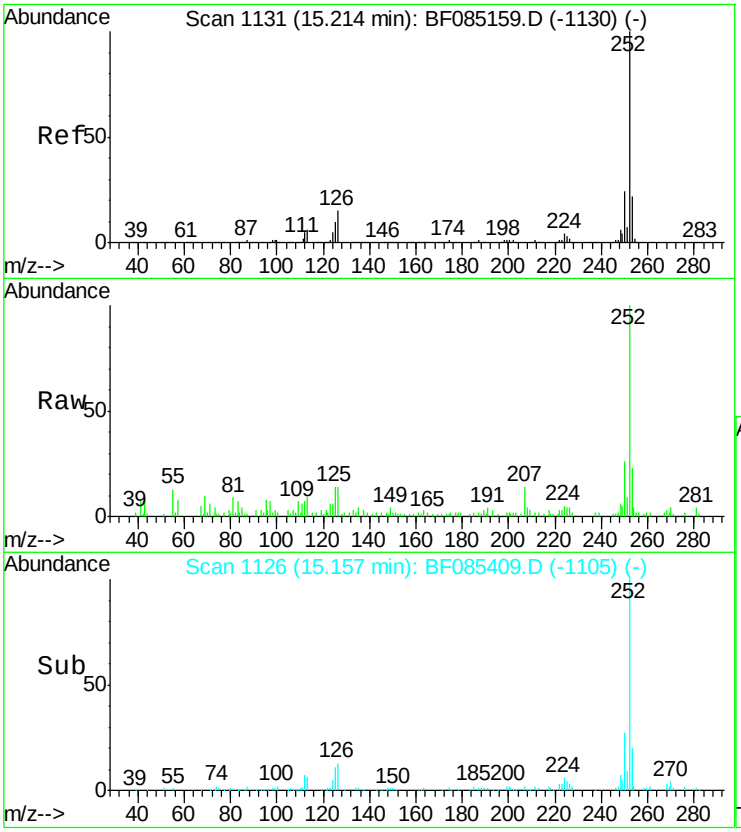


#87
Benzo(b)fluoranthene
Concen: 4.35 ng m
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:252 Resp: 61504

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.2	11.3	16.9





#88
Benzo(k)fluoranthene
Concen: 2.26 ng m
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:252 Resp: 25789

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	14.2	10.4	15.6

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

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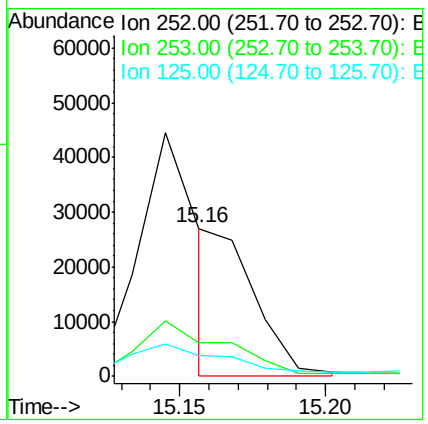
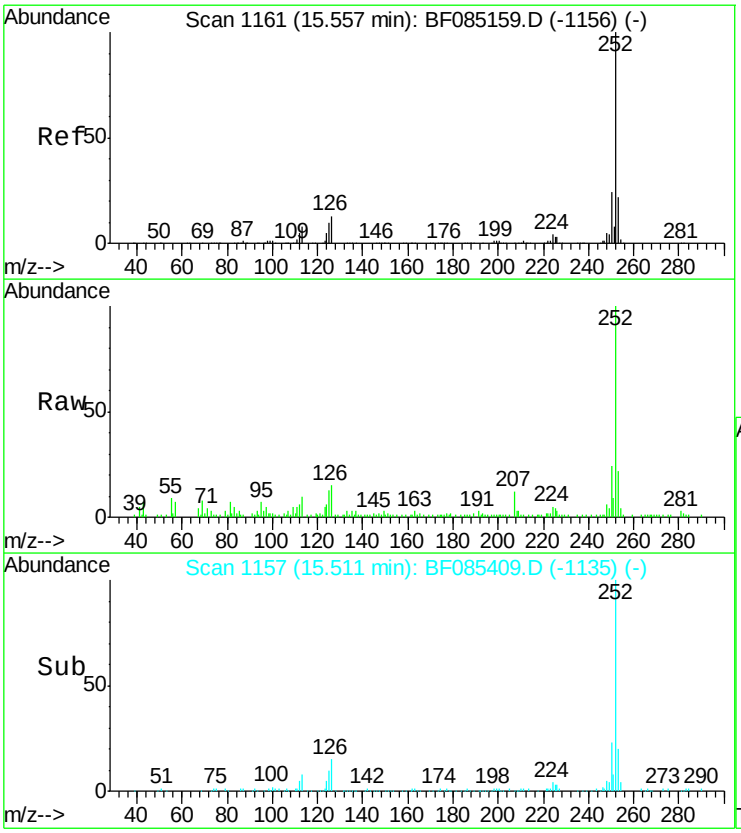
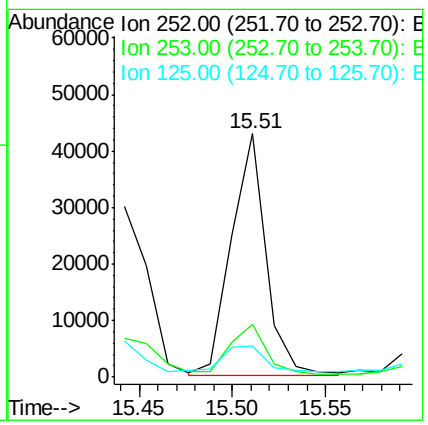


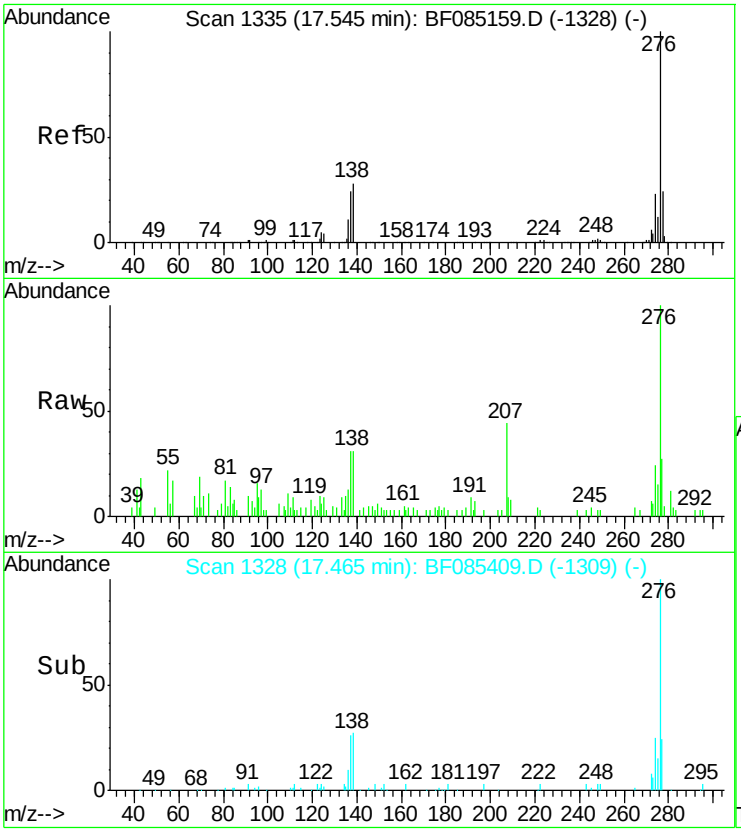


#89
Benzo(a)pyrene
Concen: 4.71 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:252 Resp: 55208

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.7	8.2	12.4#

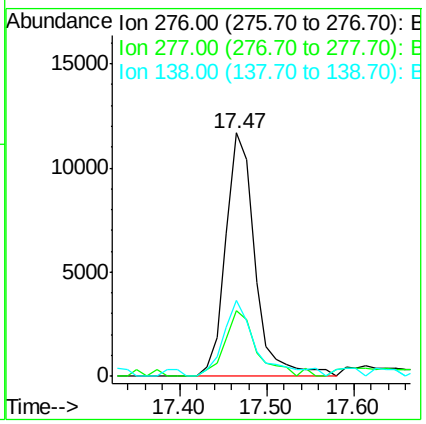




#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 17.47 min Scan# 1328
Delta R.T. -0.08 min
Lab File: BF085409.D
Acq: 12 Mar 2016 9:53

Tgt Ion:276 Resp: 27405

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.0	28.4
138	31.0	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
W170TH-SB-07-COMP(0.5-4.0)

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