Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085280.D
Acq On : 9 Mar 2016 2:47
Operator : UM/SJ
Sample : H1703-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
UMANGI
3/9/2016 9:31:07 AM

Quant Time: Mar 09 03:45:48 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	6.96	152	163538	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	609718	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	271511	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	486057	20.00	ng		-0.02
75) Chrysene-d12	14.12	240	307823	20.00	ng		-0.03
86) Perylene-d12	15.58	264	285647	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1122443	115.13	ng		-0.01
7) Phenol-d6	6.58	99	1390705	108.88	ng		-0.02
23) Nitrobenzene-d5	7.52	82	949229	83.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	315284	135.71	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1302802	72.97	ng		-0.03
78) Terphenyl-d14	13.07	244	931742	70.27	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.72	163	351531	16.87	ng		99
70) Phenanthrene	11.51	178	107279	4.21	ng		95
74) Fluoranthene	12.70	202	202644	7.93	ng		93
77) Pyrene	12.93	202	184046	7.94	ng		96
80) Benzo(a)anthracene	14.11	228	96179	5.22	ng		100
82) Chrysene	14.14	228	64194m	3.77	ng		
85) Indeno(1,2,3-cd)pyrene	17.04	276	44749	3.37	ng	#	90
87) Benzo(b)fluoranthene	15.16	252	90067m	4.73	ng		
88) Benzo(k)fluoranthene	15.18	252	36308m	2.36	ng		
89) Benzo(a)pyrene	15.52	252	67441	4.27	ng	#	97
91) Benzo(g,h,i)perylene	17.48	276	44949	3.32	ng		96

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

Quantitation Report (LSC Reviewed)

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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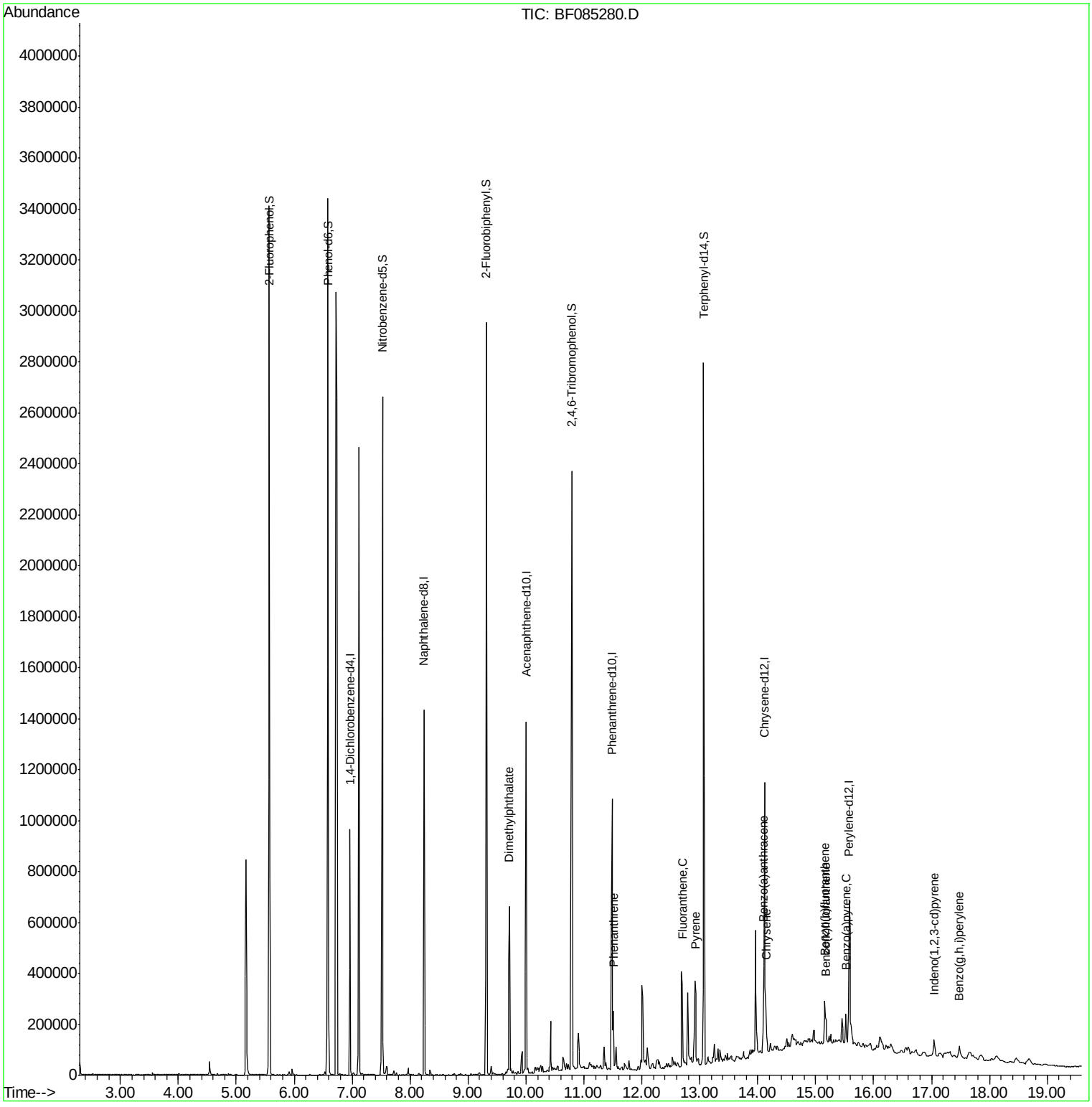
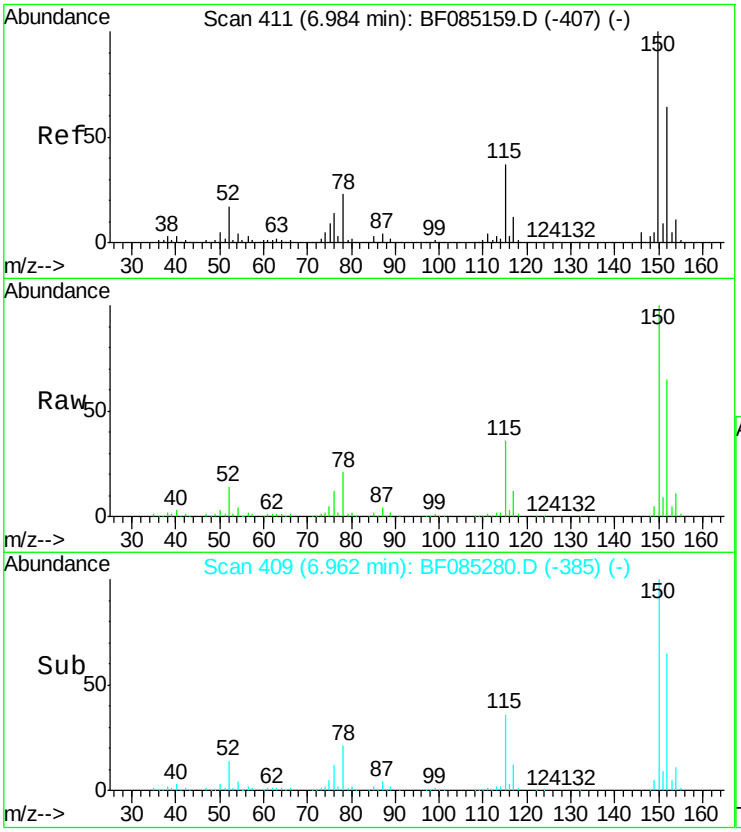
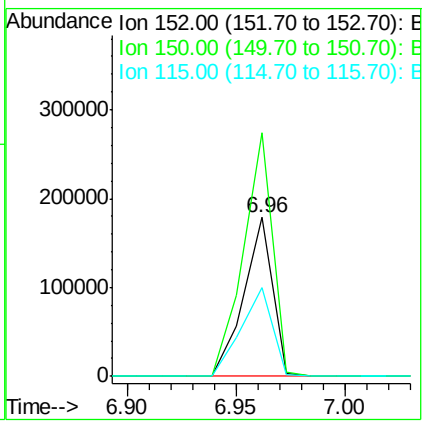




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:152 Resp: 163538

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	55.8	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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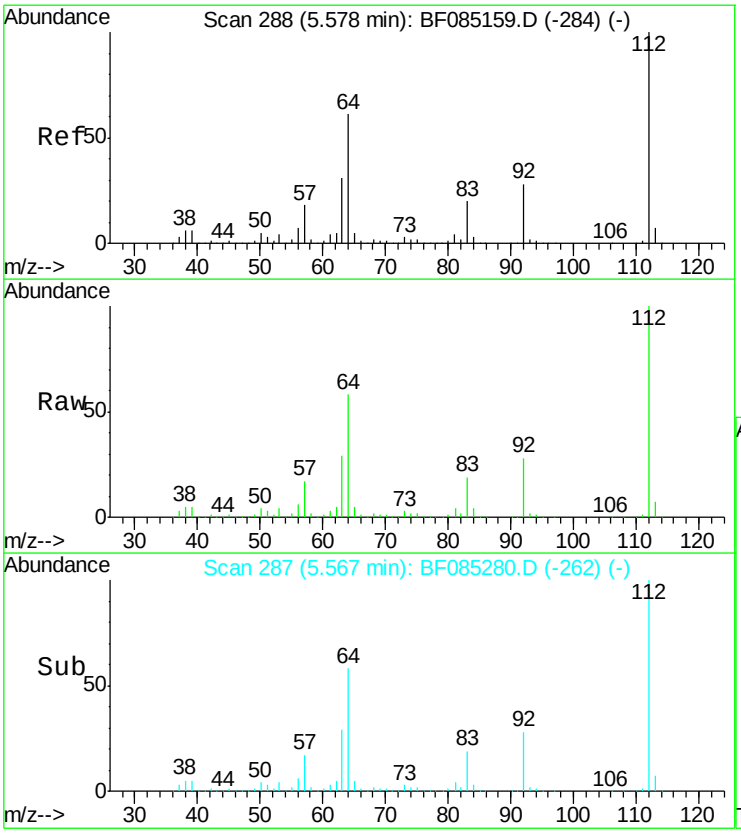
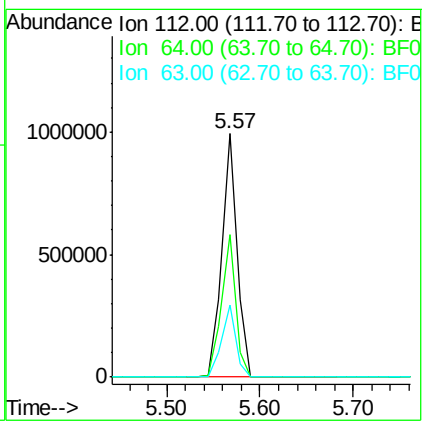
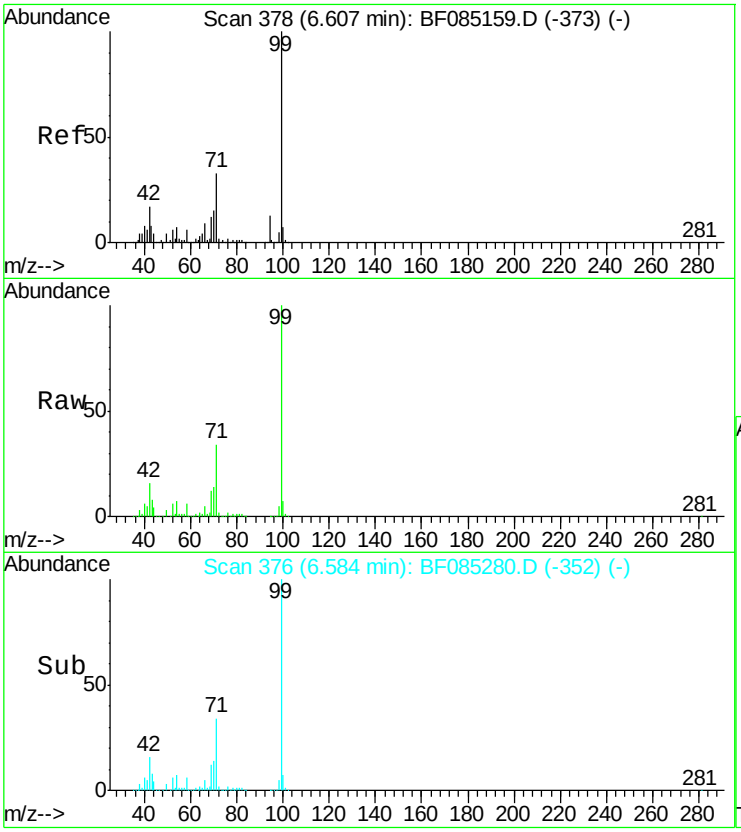


#5
2-Fluorophenol
Concen: 115.13 ng
RT: 5.57 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:112 Resp: 1122443

Ion	Ratio	Lower	Upper
112	100		
64	58.3	49.0	73.4
63	29.5	24.8	37.2

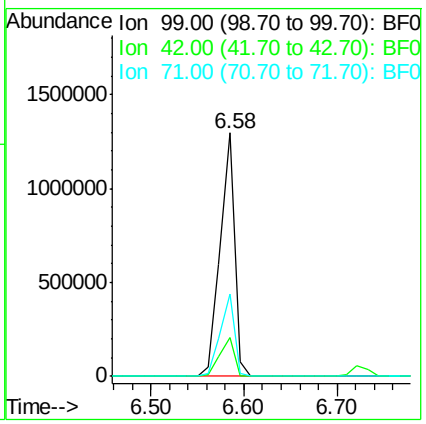




#7
Phenol-d6
Concen: 108.88 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion: 99 Resp: 1390705

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	33.7	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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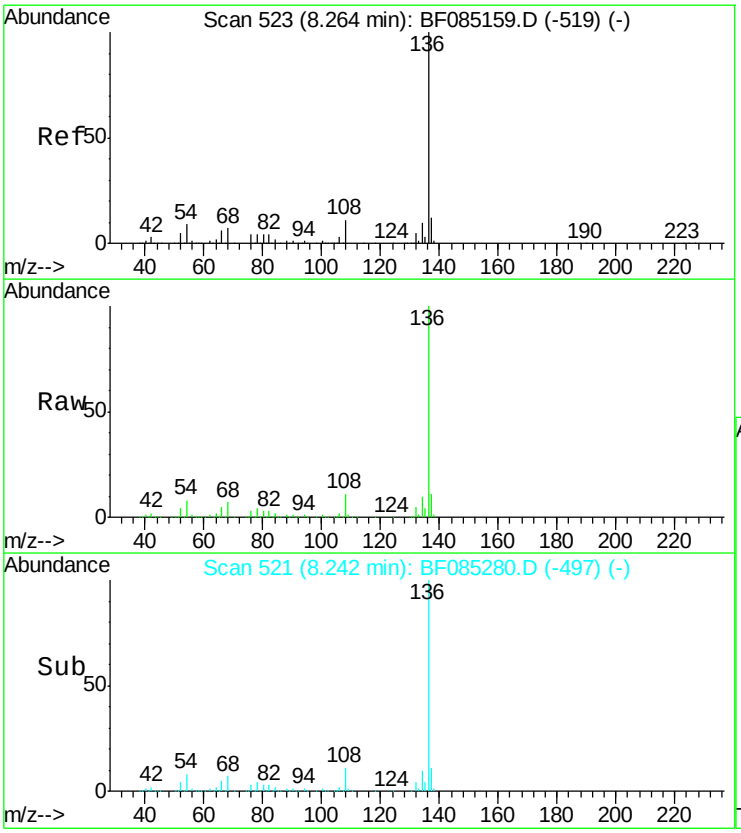
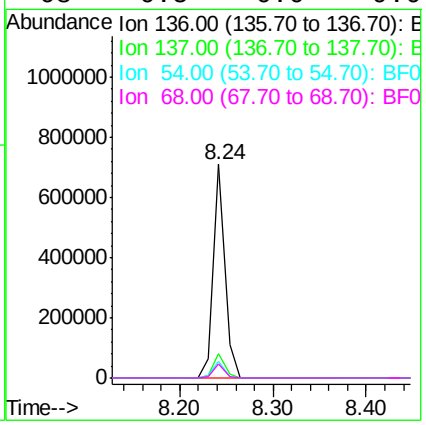
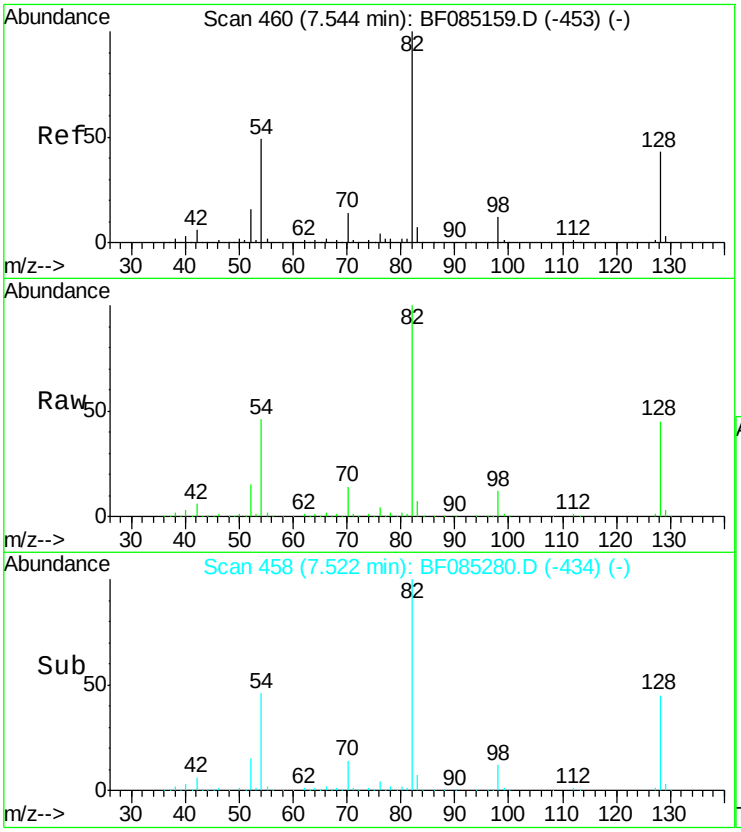


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:136 Resp: 609718

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.7	7.4	11.2
68	6.5	6.0	9.0

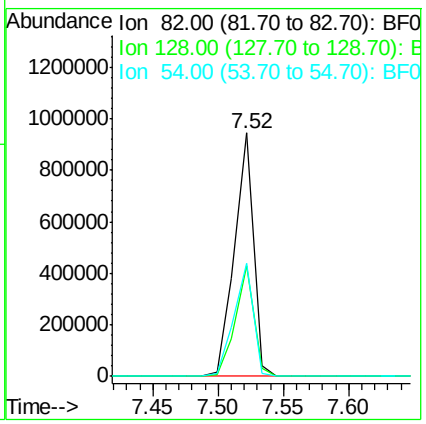




#23
Nitrobenzene-d5
Concen: 83.31 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion: 82 Resp: 949229

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.5	51.7
54	46.3	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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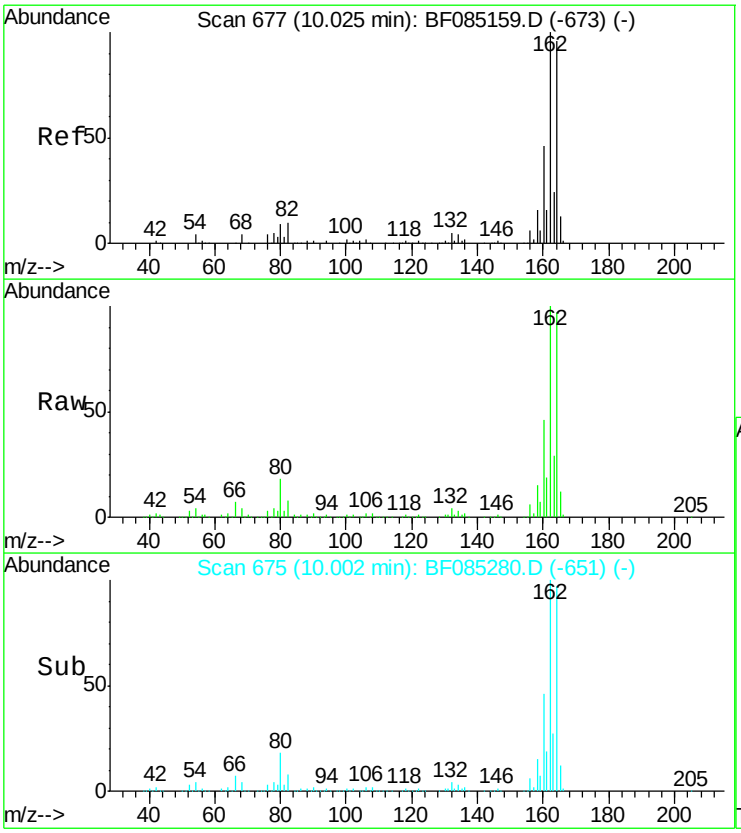
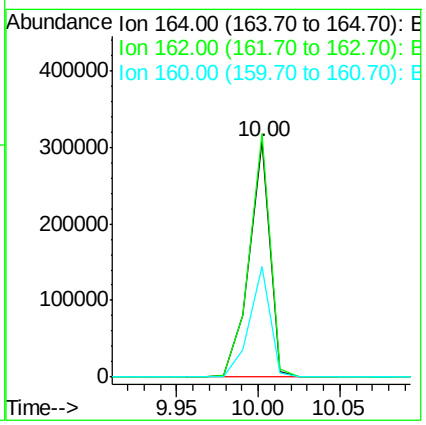
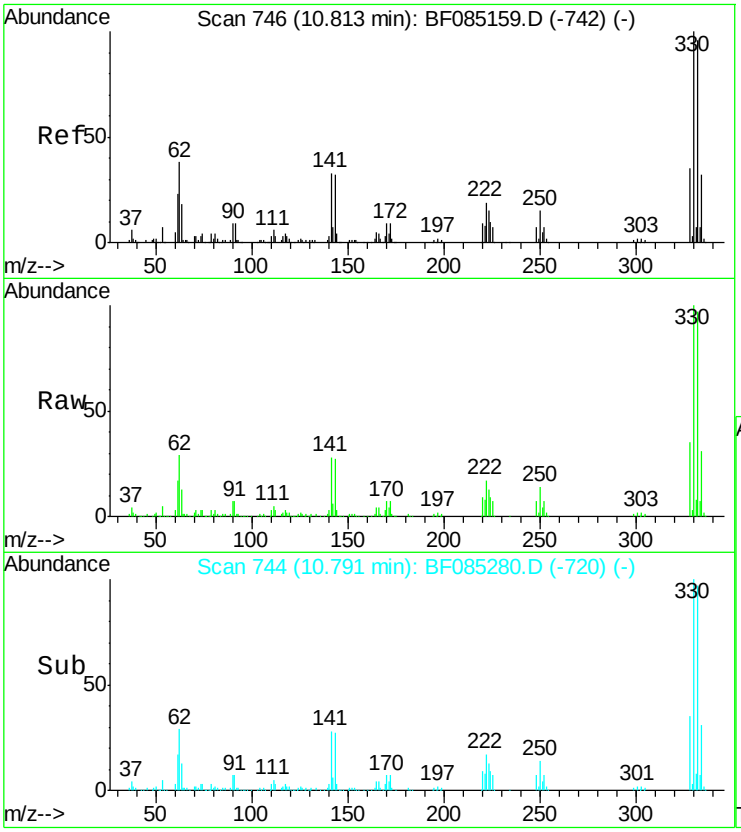


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:164 Resp: 271511

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	47.1	37.9	56.9

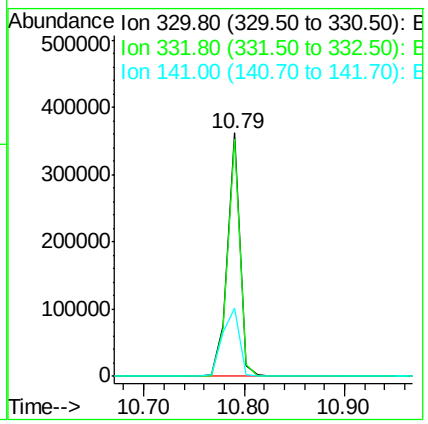




#41
2,4,6-Tribromophenol
Concen: 135.71 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:330 Resp: 315284

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	38.0	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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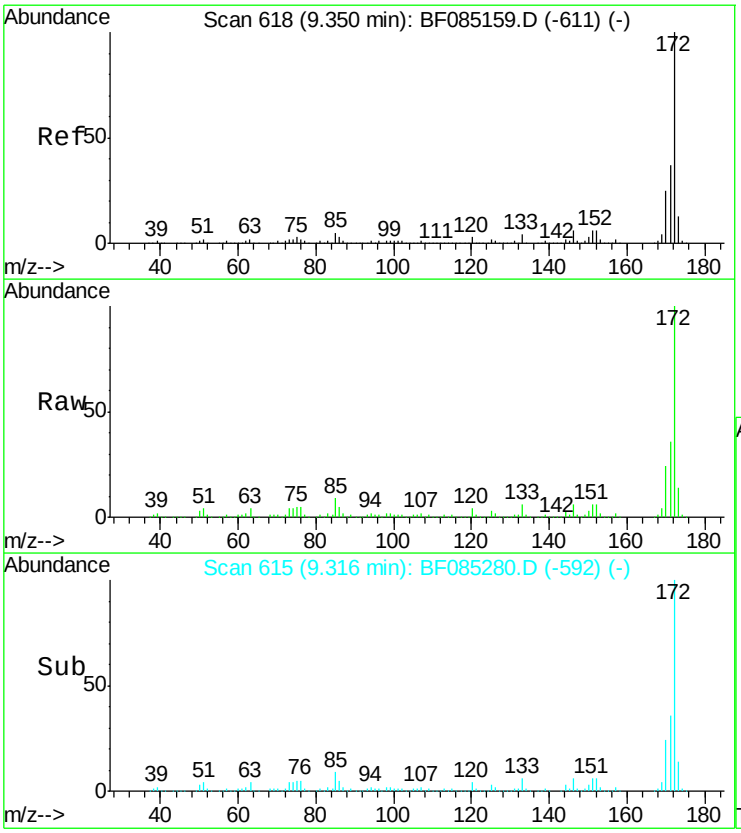
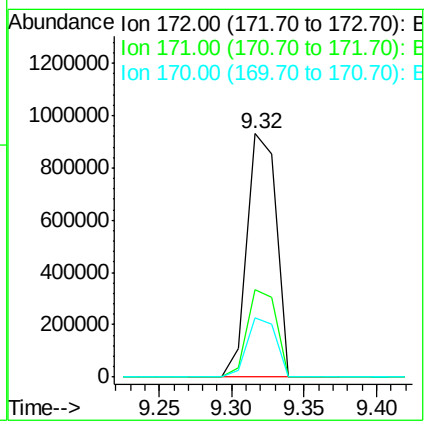
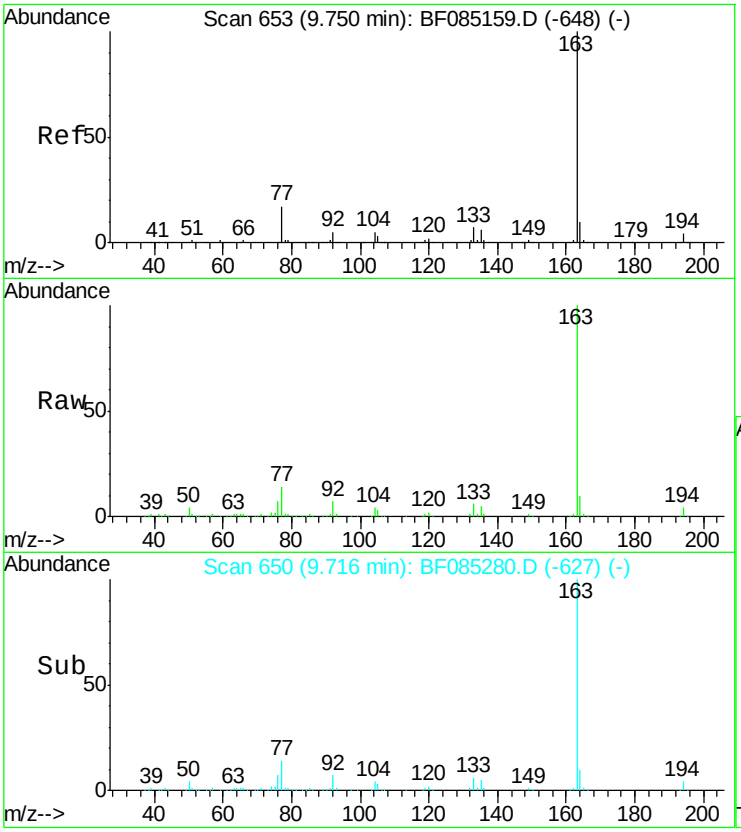


#44
2-Fluorobiphenyl
Concen: 72.97 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:172 Resp: 1302802

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	24.5	20.0	30.0

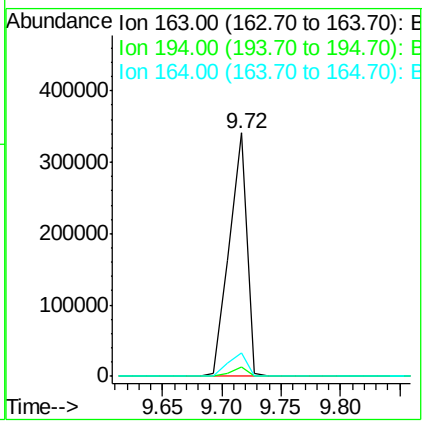




#49
Dimethylphthalate
Concen: 16.87 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:163 Resp: 351531

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

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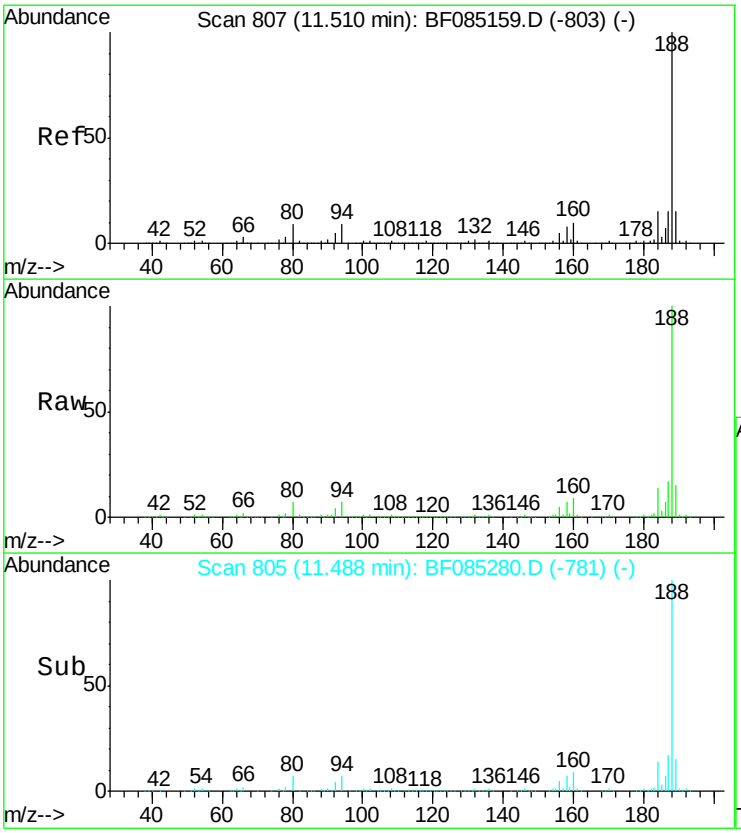
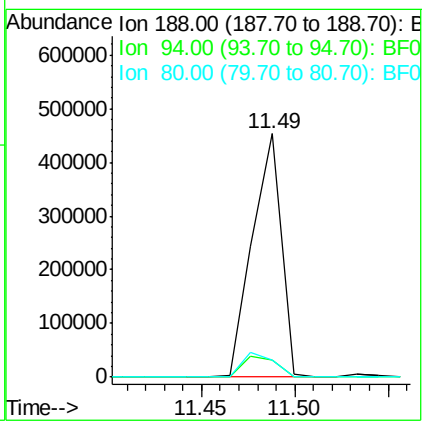
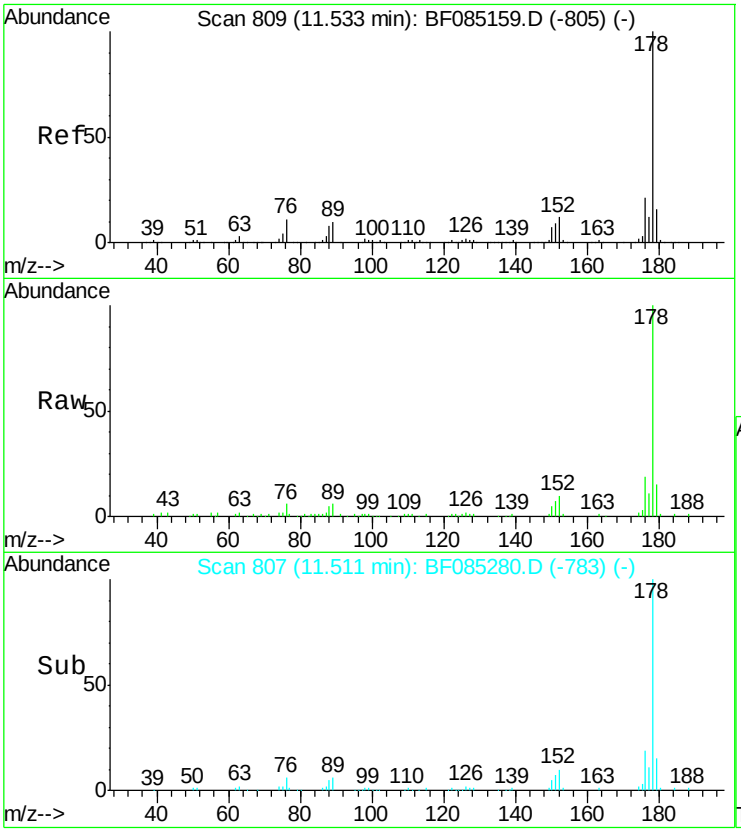


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:188 Resp: 486057

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.6#
80	6.9	7.4	11.0#

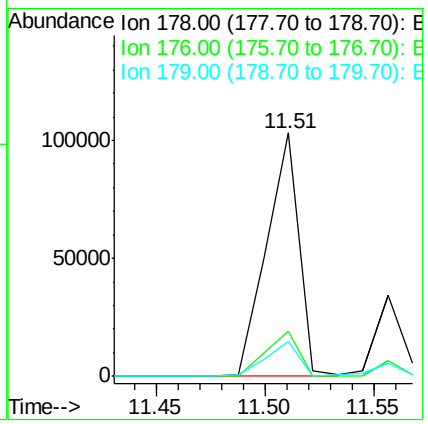




#70
Phenanthrene
Concen: 4.21 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:178 Resp: 107279

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.8	25.2
179	14.6	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

Manual Integrations APPROVED
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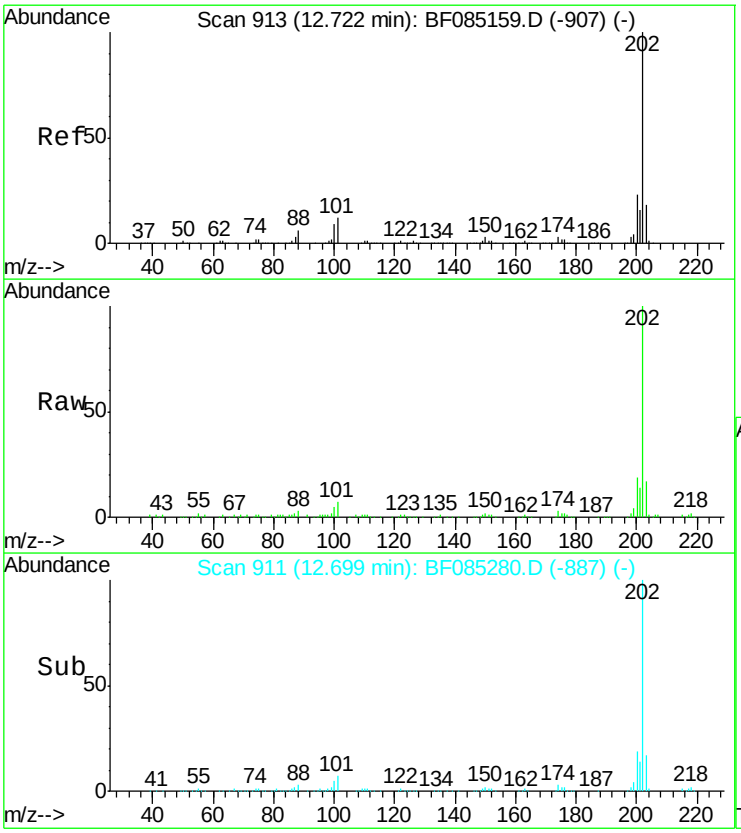
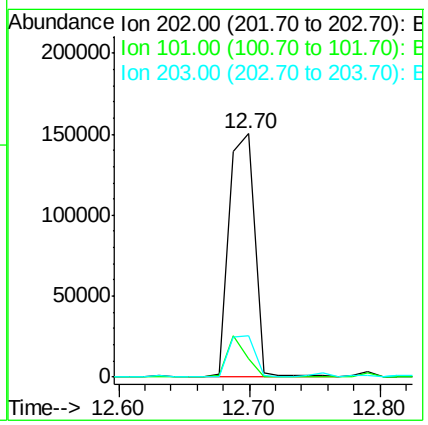
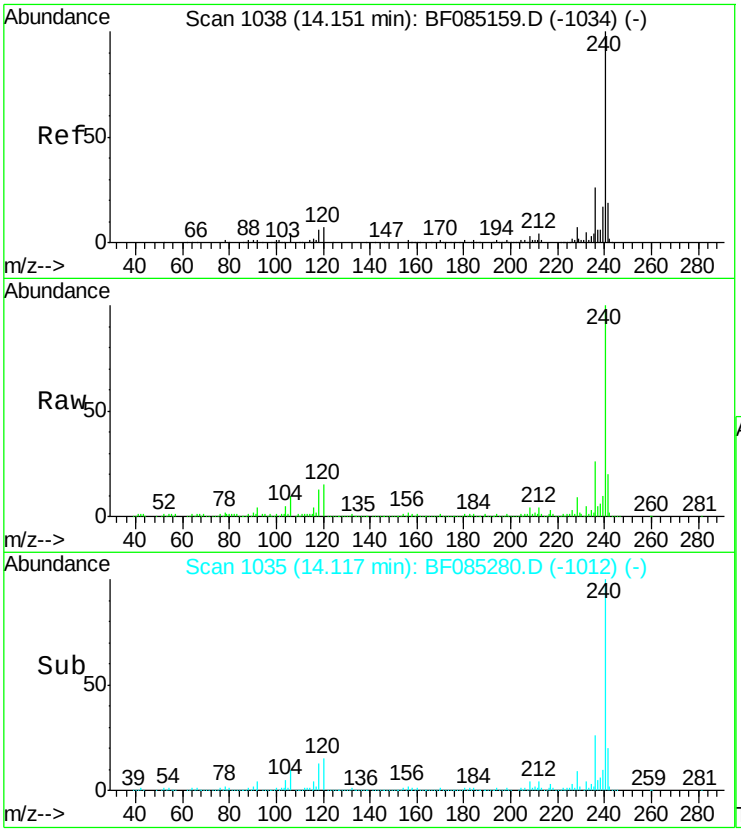


#74
Fluoranthene
Concen: 7.93 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:202 Resp: 202644

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	31.8
203	16.8	0.0	38.4

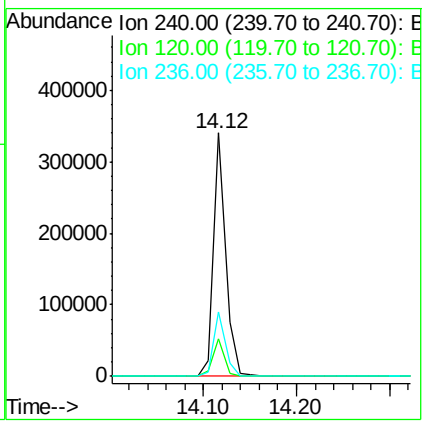




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

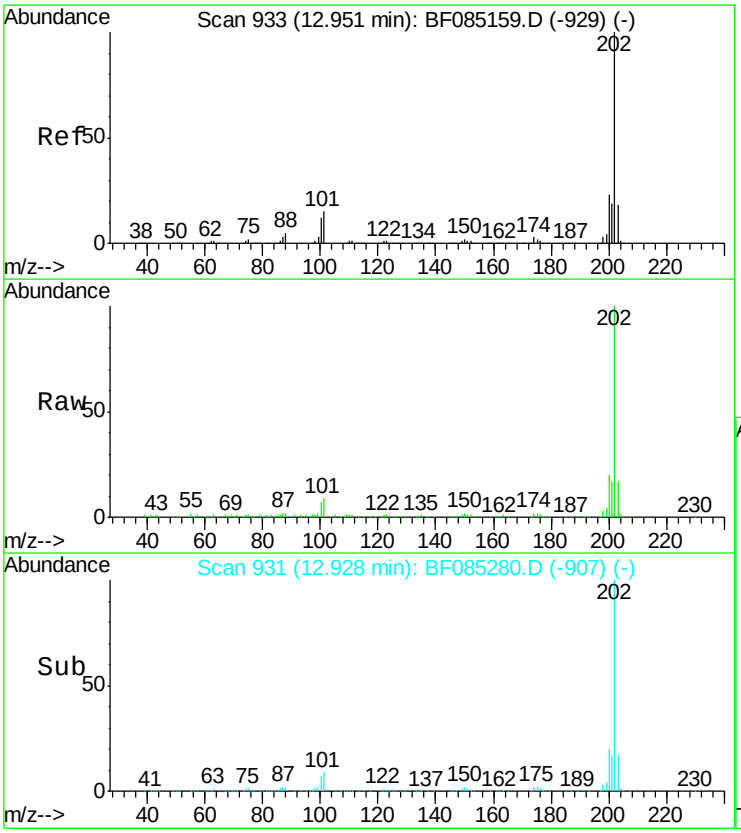
Tgt Ion:240 Resp: 307823

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.3	7.9#
236	26.5	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

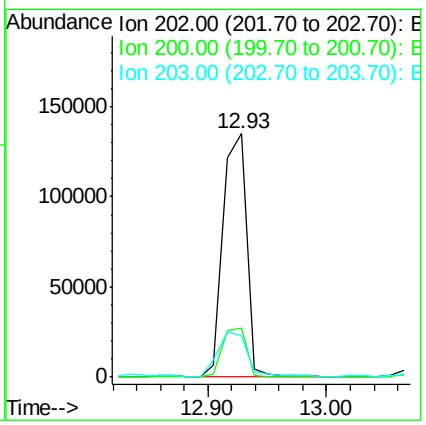
Manual Integrations APPROVED
UMANGI
3/9/2016 9:31:07 AM

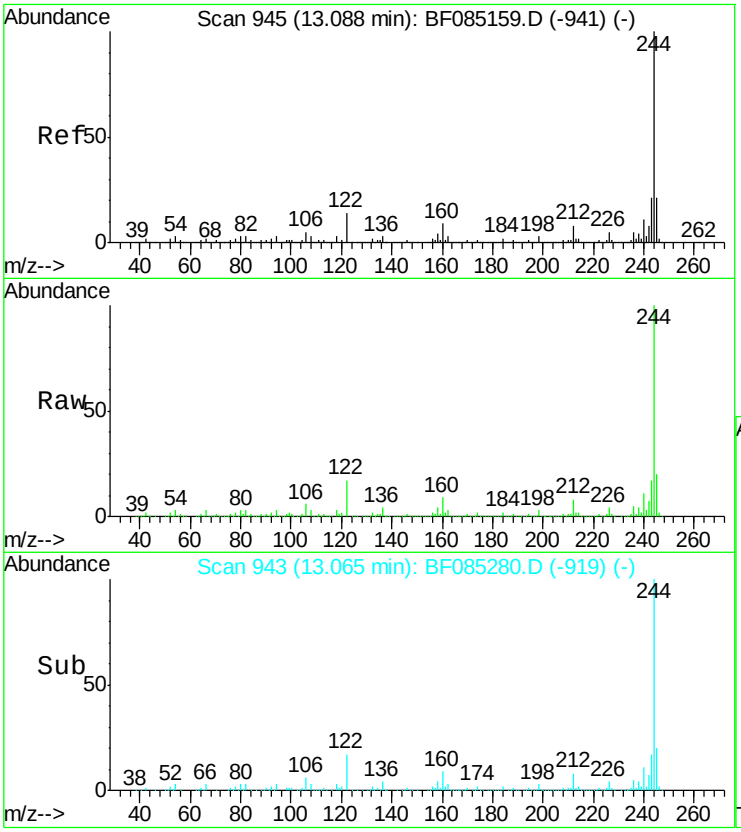


#77
Pyrene
Concen: 7.94 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:202 Resp: 184046

Ion	Ratio	Lower	Upper
202	100		
200	20.3	18.2	27.4
203	16.8	14.7	22.1

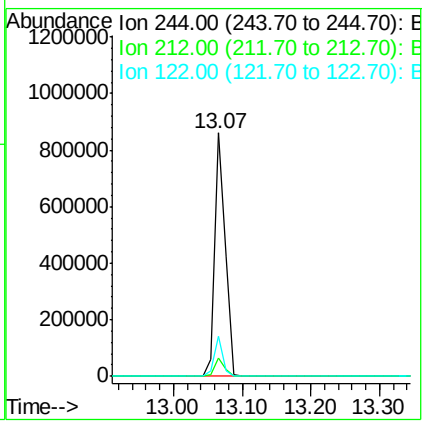




#78
Terphenyl-d14
Concen: 70.27 ng
RT: 13.07 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

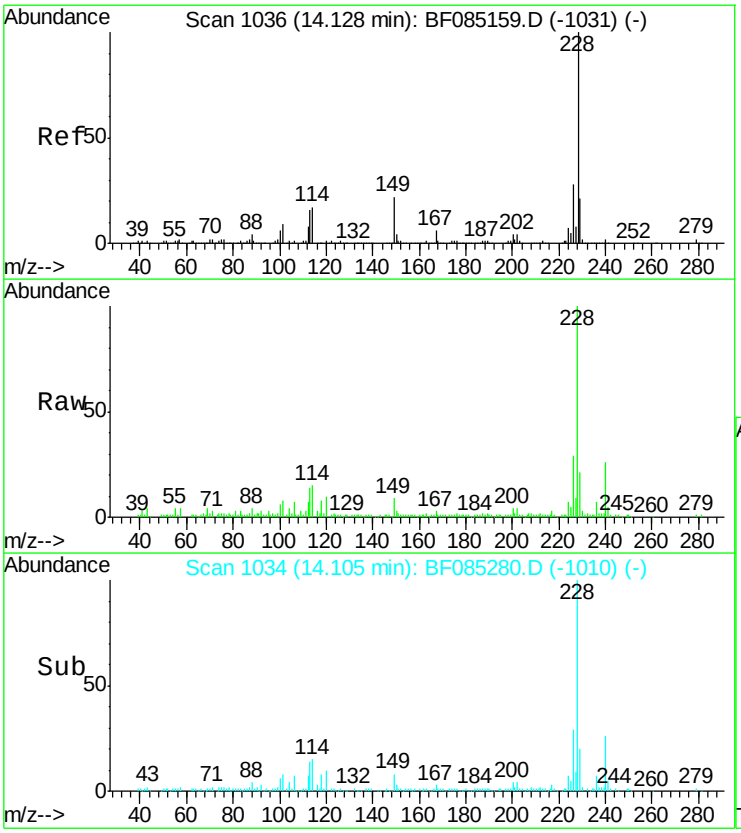
Tgt Ion:244 Resp: 931742

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	16.6	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

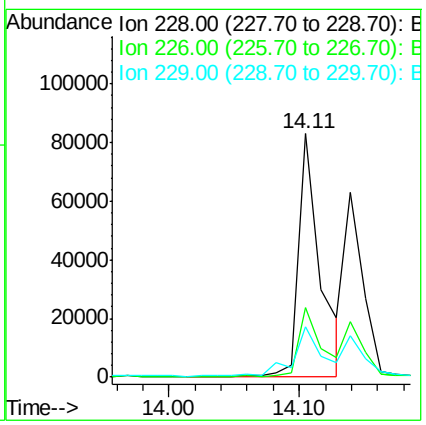
Manual Integrations APPROVED
UMANGI
3/9/2016 9:31:07 AM

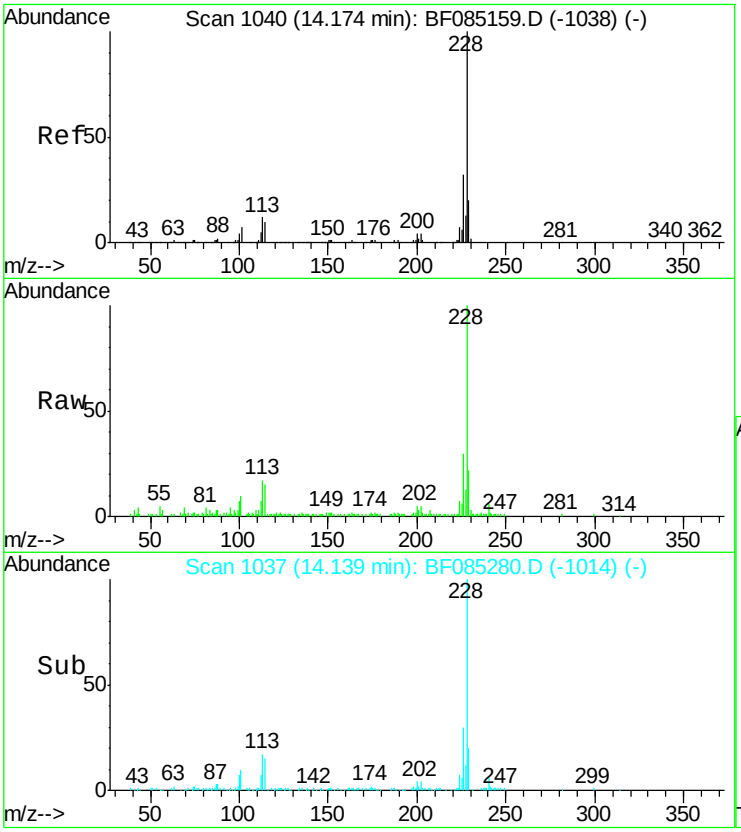


#80
Benzo(a)anthracene
Concen: 5.22 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:228 Resp: 96179

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	20.6	16.6	24.8

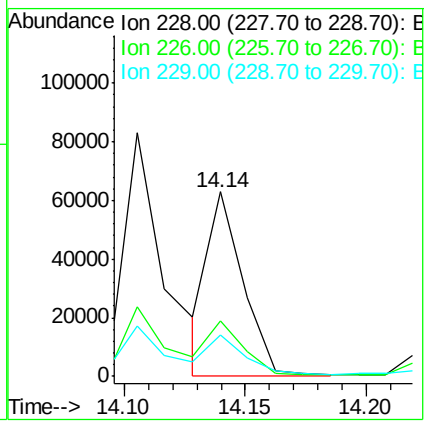




#82
Chrysene
Concen: 3.77 ng m
RT: 14.14 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:228 Resp: 64194

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	22.1	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
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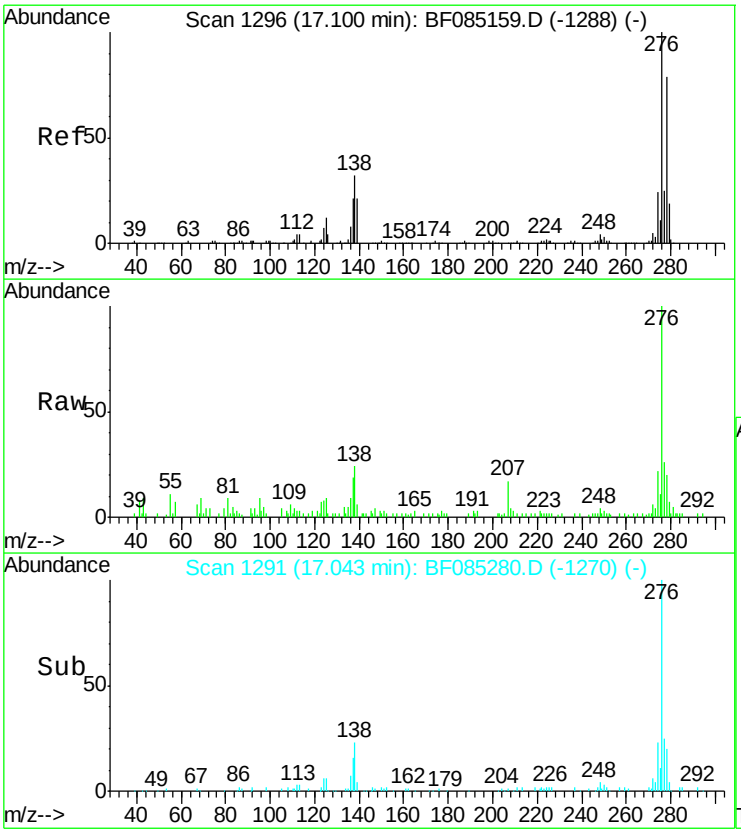
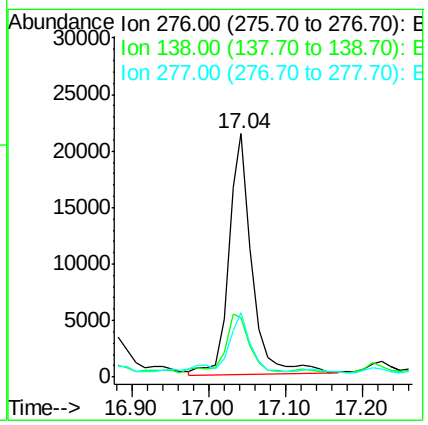
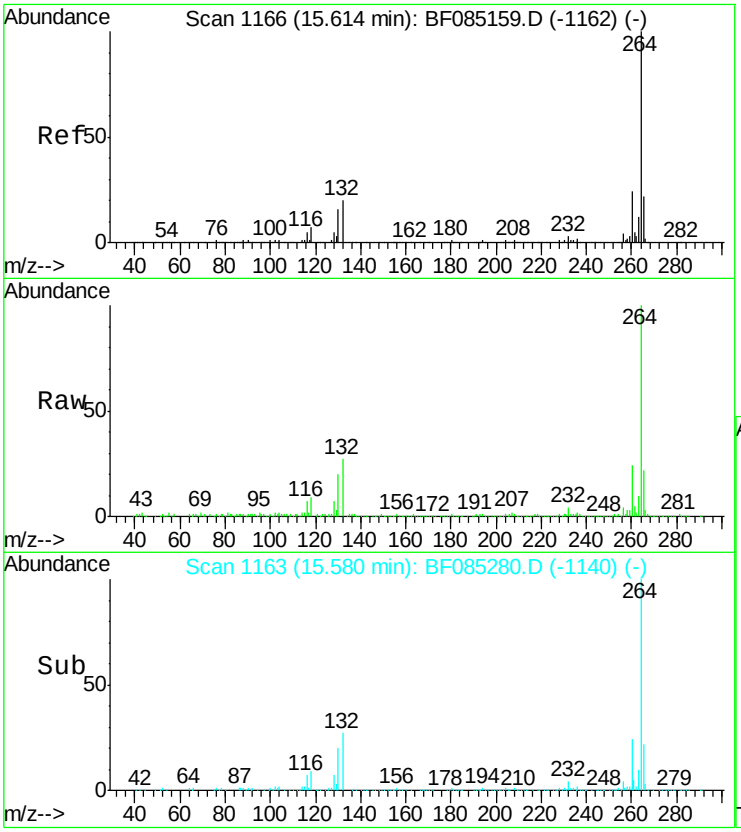


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.37 ng
RT: 17.04 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:276 Resp: 44749

Ion	Ratio	Lower	Upper
276	100		
138	26.1	26.4	39.6#
277	28.9	20.2	30.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Instrument :
BNA_F
ClientSampleId :
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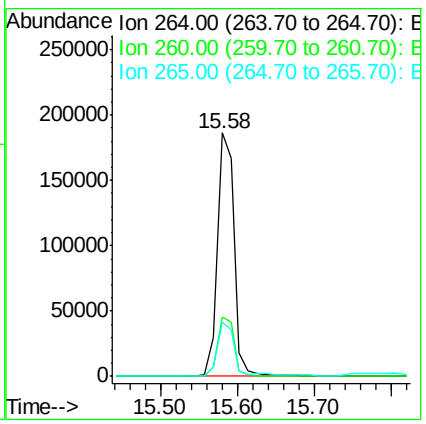
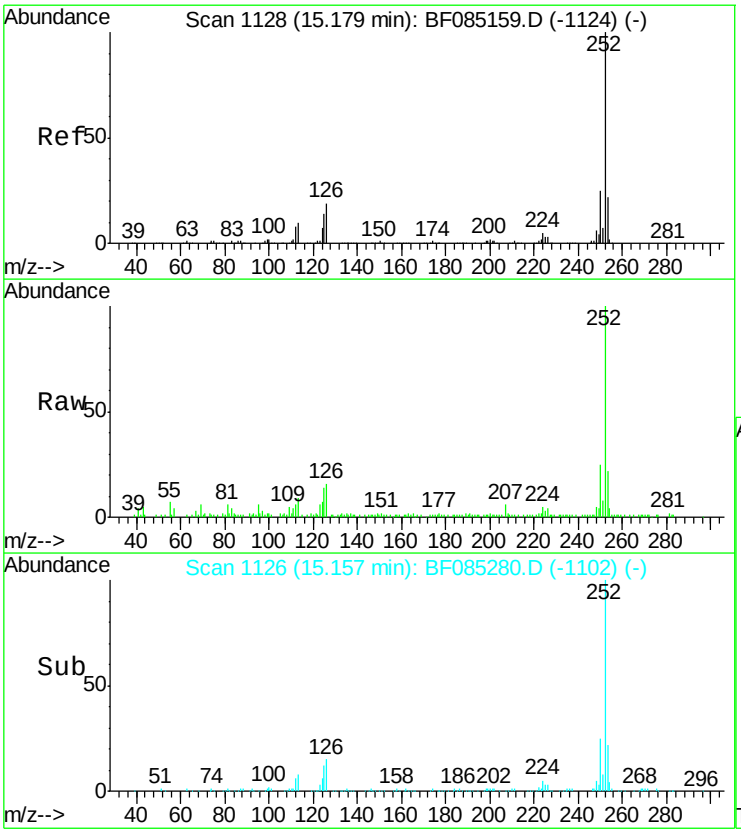
Tgt Ion:264 Resp: 285647

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.3	25.9

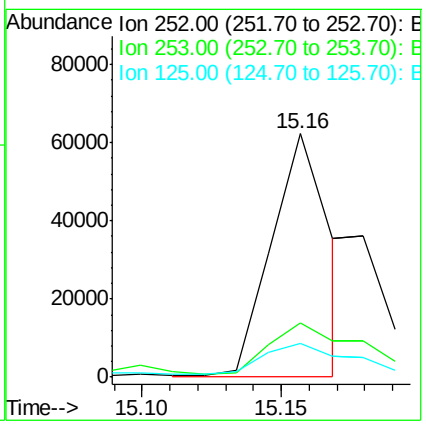


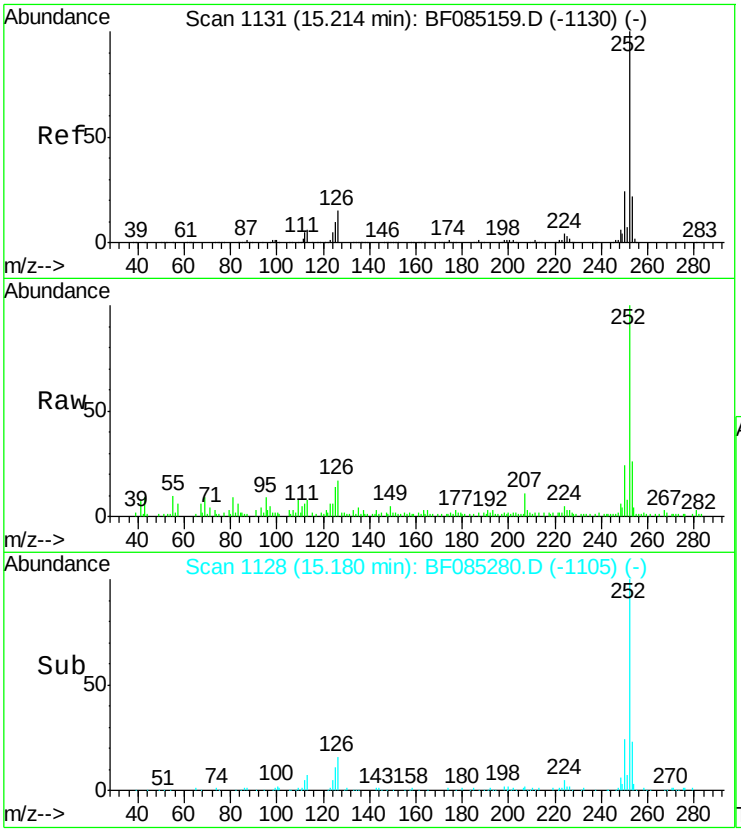


#87
Benzo(b)fluoranthene
Concen: 4.73 ng m
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:252 Resp: 90067

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.7	11.3	16.9

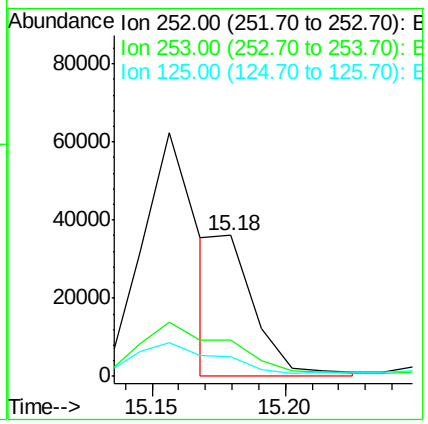




#88
Benzo(k)fluoranthene
Concen: 2.36 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:252 Resp: 36308

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	13.7	10.4	15.6



Instrument :
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ClientSampleId :
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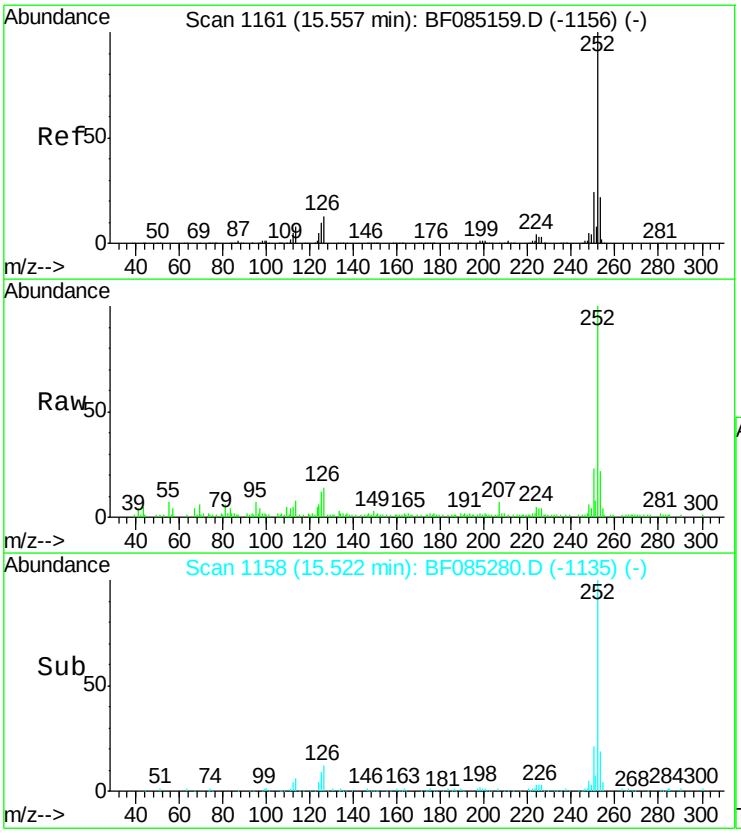
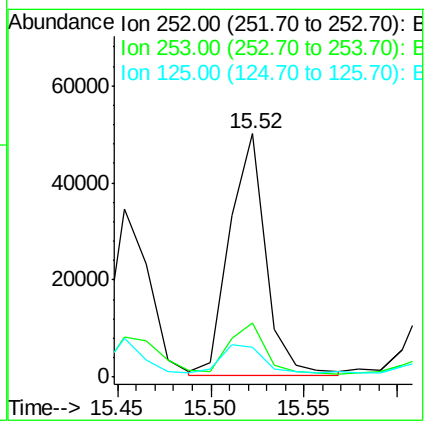
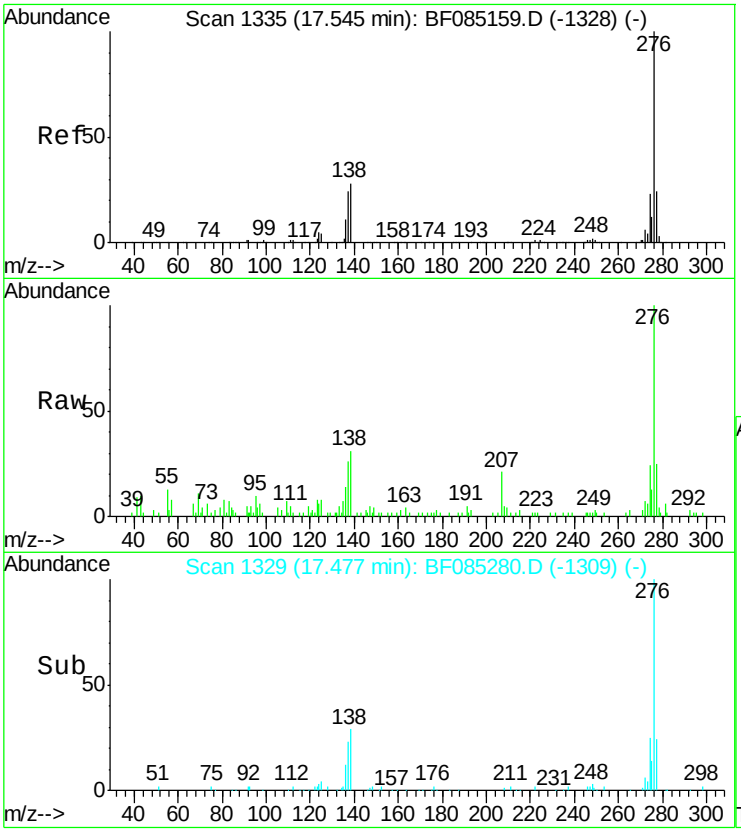


#89
Benzo(a)pyrene
Concen: 4.27 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:252 Resp: 67441

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.4	8.2	12.4#

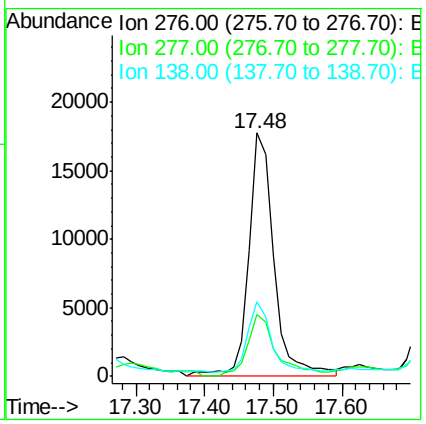




#91
Benzo(g,h,i)perylene
Concen: 3.32 ng
RT: 17.48 min Scan# 1329
Delta R.T. -0.07 min
Lab File: BF085280.D
Acq: 9 Mar 2016 2:47

Tgt Ion:276 Resp: 44949

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	30.8	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SB-39COMP(0.5-2.0)

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