Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-003(0-2)

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:44 PM

Quant Time: Jan 20 03:27:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	214269	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	763901	20.00	ng		-0.05
38) Acenaphthene-d10	9.84	164	403839	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	686625	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	460488	20.00	ng		-0.05
86) Perylene-d12	15.36	264	407686	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1484271	112.04	ng		-0.03
7) Phenol-d6	6.44	99	1892249	113.73	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1086501	79.16	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	421150	103.30	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1693807	72.88	ng		-0.03
78) Terphenyl-d14	12.90	244	1299205	62.98	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	8.10	128	197178m	5.69	ng		
37) 2-Methylnaphthalene	8.80	142	303568	12.20	ng		98
49) Dimethylphthalate	9.56	163	339615	11.76	ng	#	91
70) Phenanthrene	11.33	178	118426	3.30	ng		96
74) Fluoranthene	12.52	202	371107	9.89	ng		99
77) Pyrene	12.75	202	386999	10.71	ng		99
80) Benzo(a)anthracene	13.94	228	184255m	6.81	ng		
82) Chrysene	13.97	228	180685m	6.95	ng		
85) Indeno(1,2,3-cd)pyrene	16.71	276	120760	5.86	ng		96
87) Benzo(b)fluoranthene	14.96	252	241410m	9.05	ng		
88) Benzo(k)fluoranthene	14.97	252	109537m	5.02	ng		
89) Benzo(a)pyrene	15.30	252	158323	7.00	ng		98
91) Benzo(g,h,i)perylene	17.12	276	114118	5.66	ng		96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084556.D
Acq On : 19 Jan 2016 17:06
Operator : SJ/UM
Sample : H1169-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 20 03:27:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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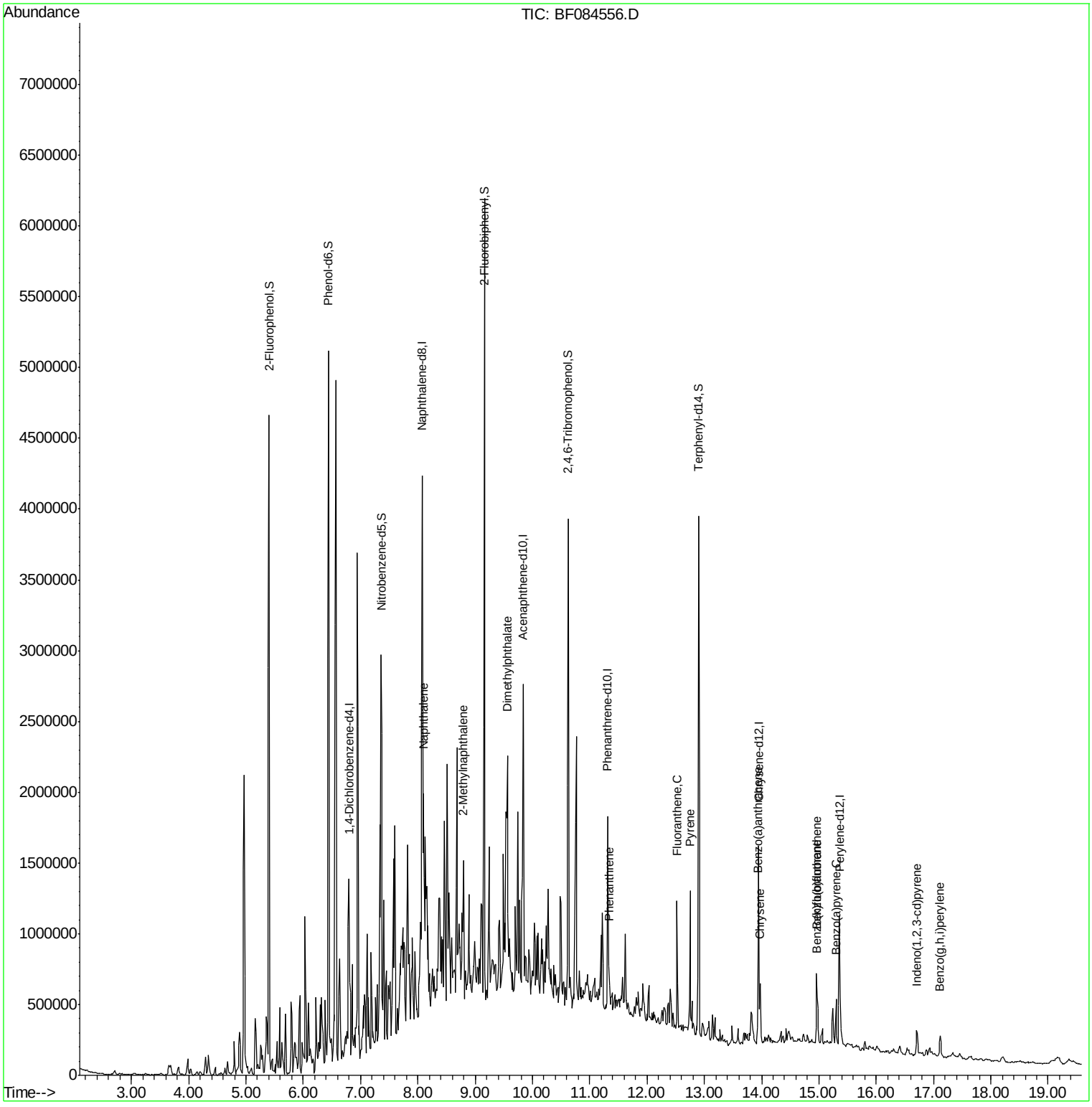
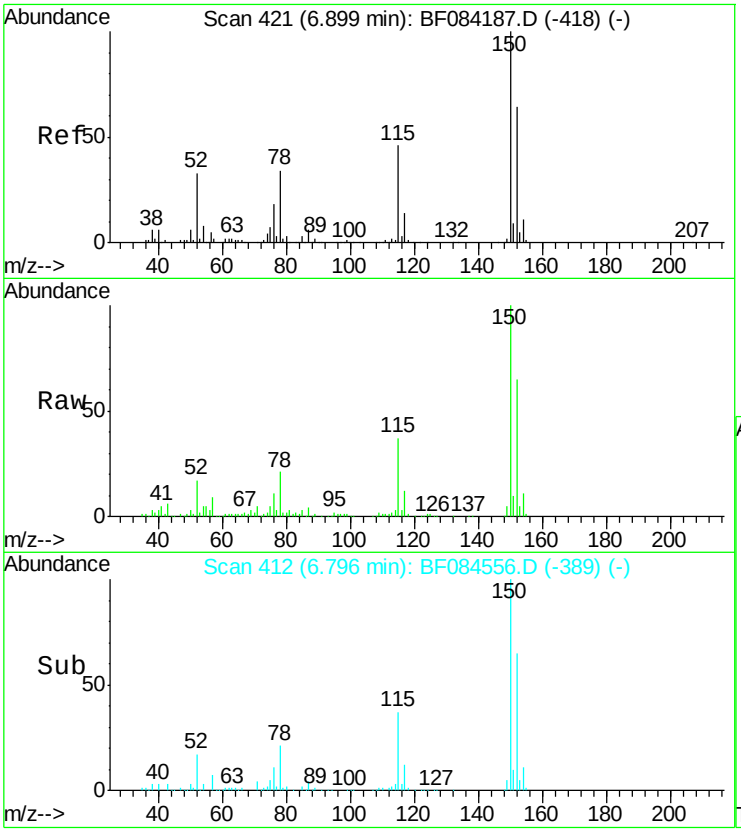
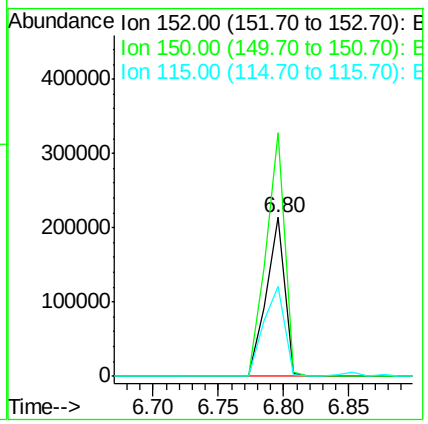




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:152 Resp: 214269

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.0	184.4
115	56.8	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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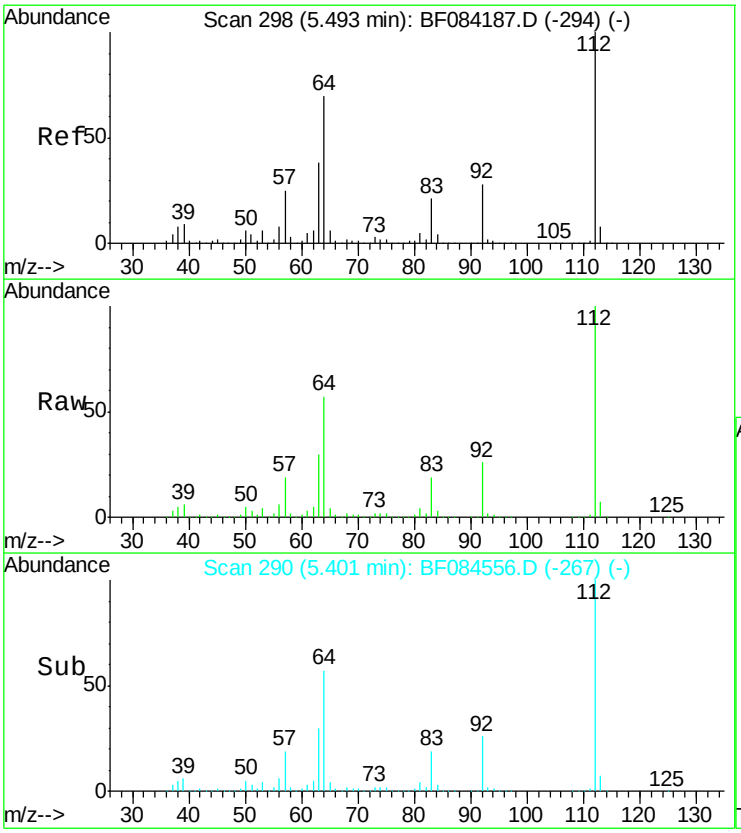
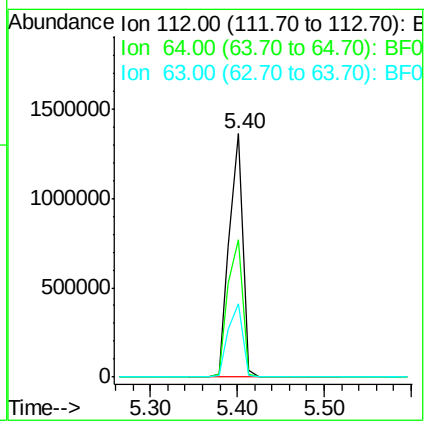
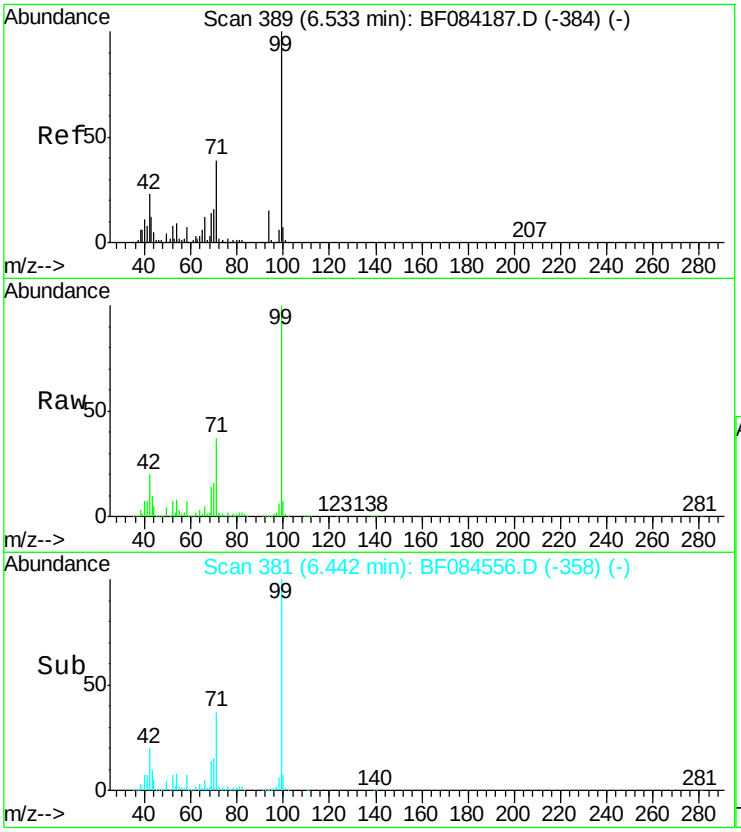


#5
2-Fluorophenol
Concen: 112.04 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:112 Resp: 1484271

Ion	Ratio	Lower	Upper
112	100		
64	56.6	36.6	55.0#
63	30.0	19.4	29.0#

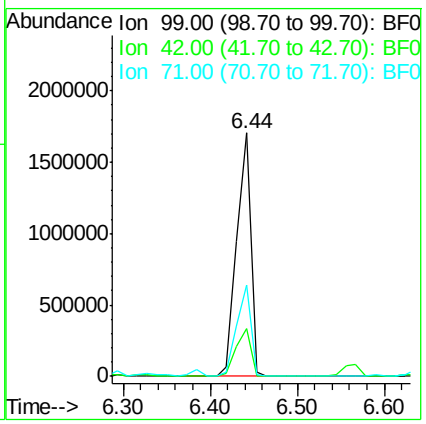




#7
Phenol-d6
Concen: 113.73 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion: 99 Resp: 1892249

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	37.3	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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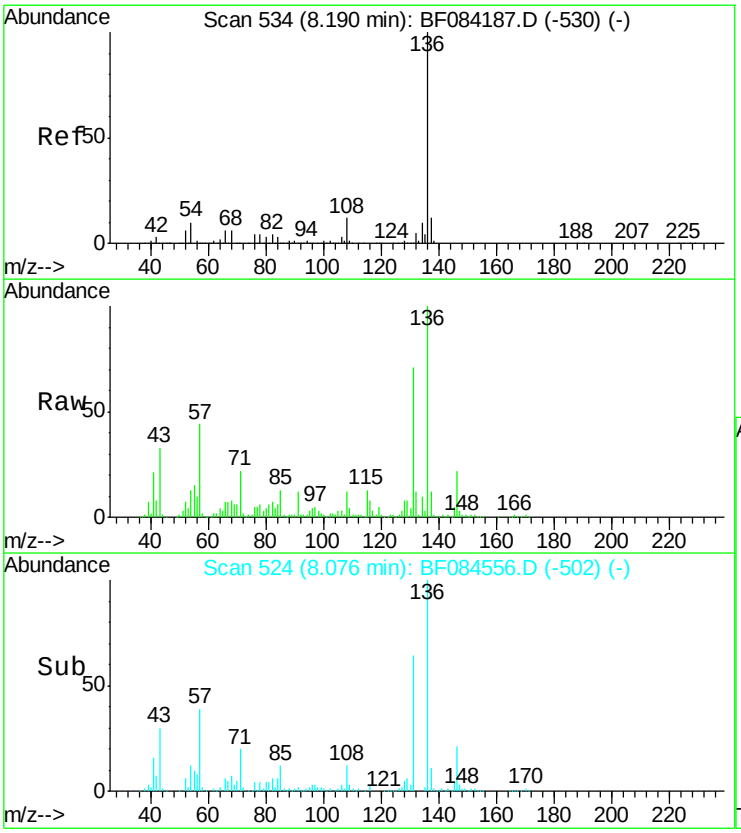
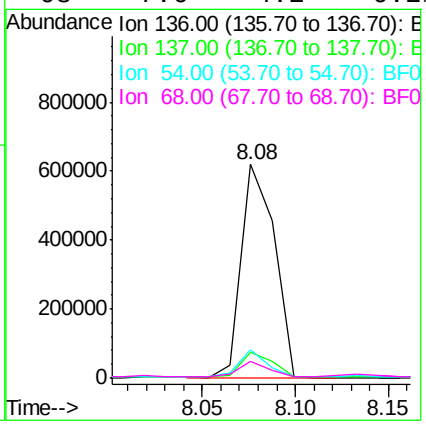
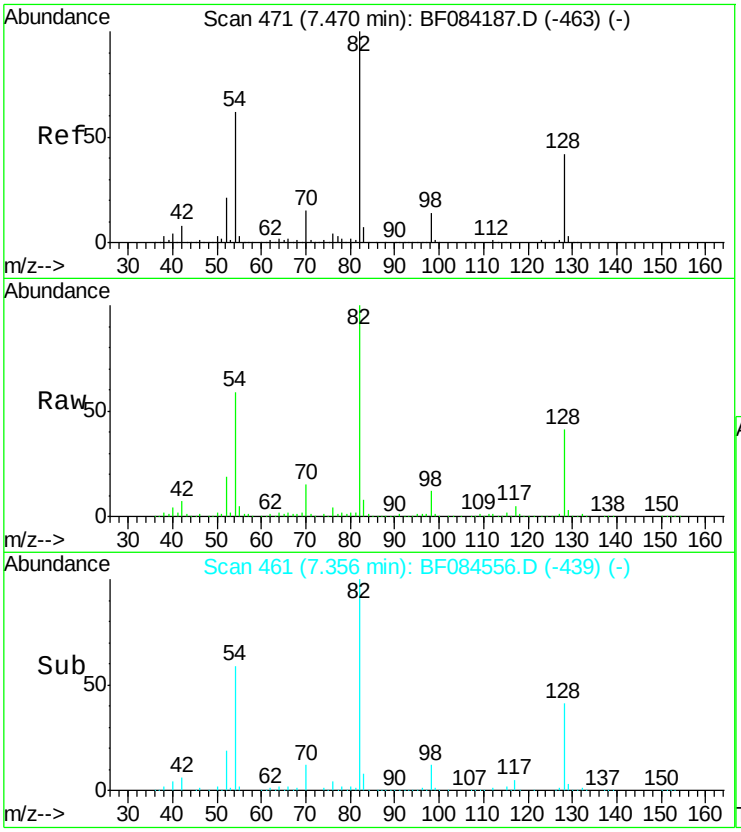


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:136 Resp: 763901

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	12.9	5.8	8.8#
68	7.6	4.2	6.2#

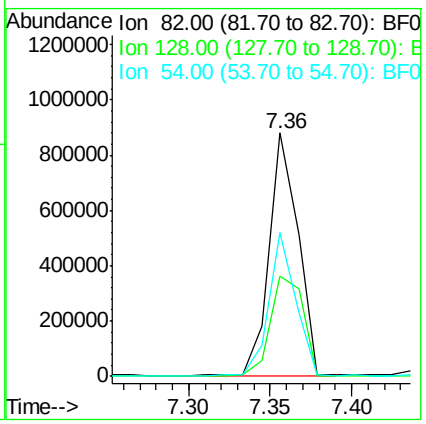




#23
Nitrobenzene-d5
Concen: 79.16 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion: 82 Resp: 1086501

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	59.0	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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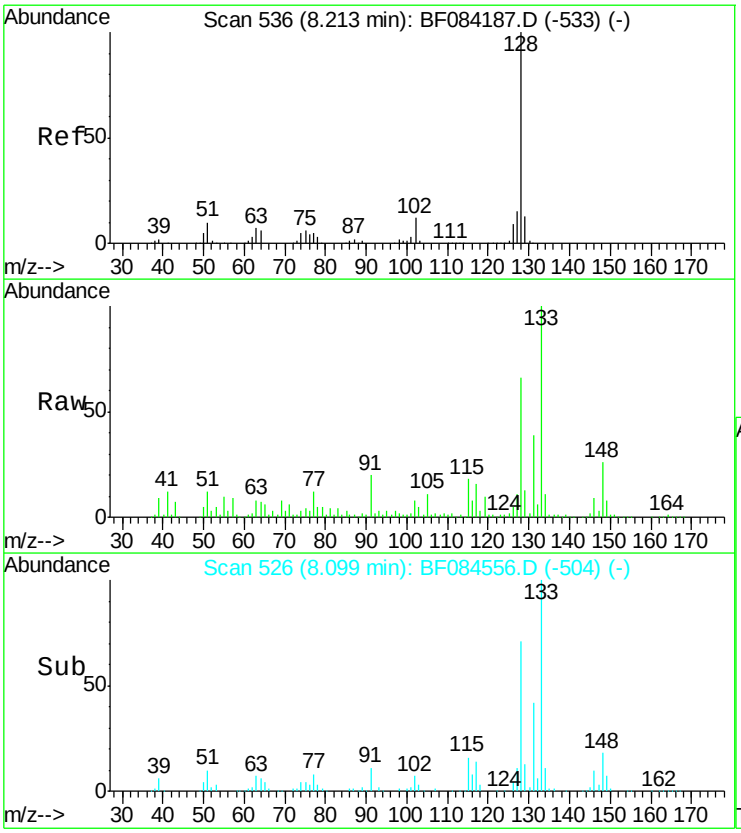
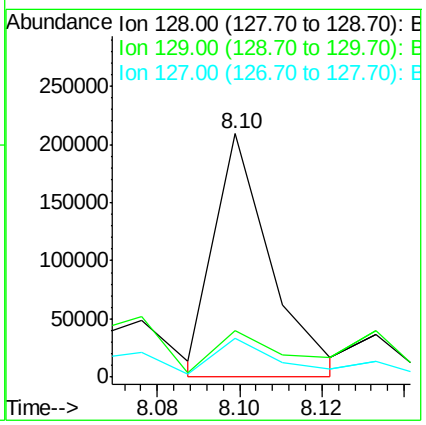
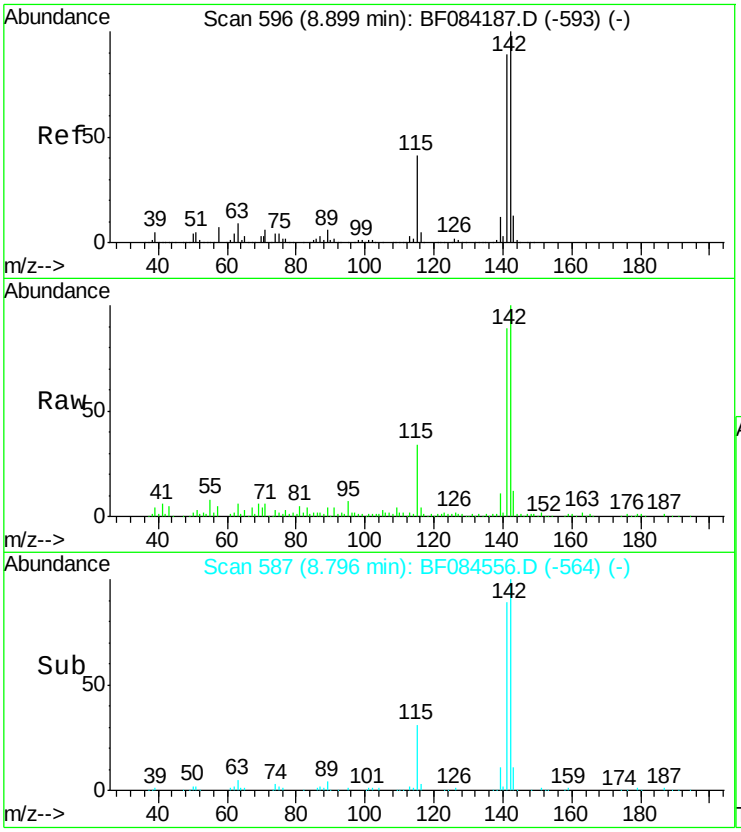


#31
Naphthalene
Concen: 5.69 ng m
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:128 Resp: 197178

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.1	13.7#
127	16.1	11.1	16.7

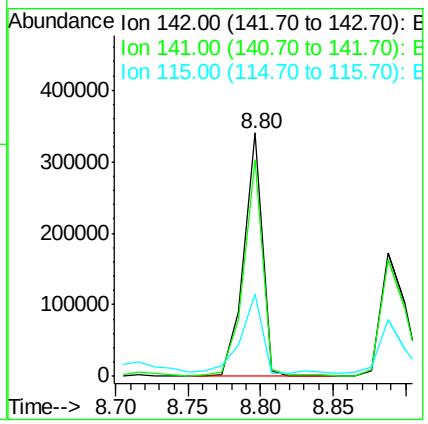




#37
2-Methylnaphthalene
Concen: 12.20 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:142 Resp: 303568

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	33.7	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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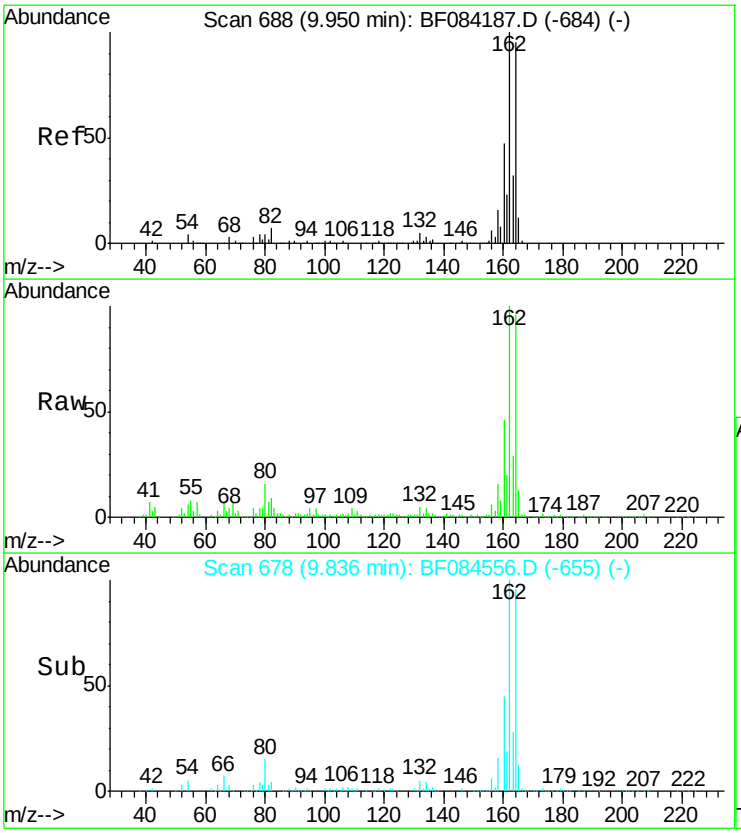
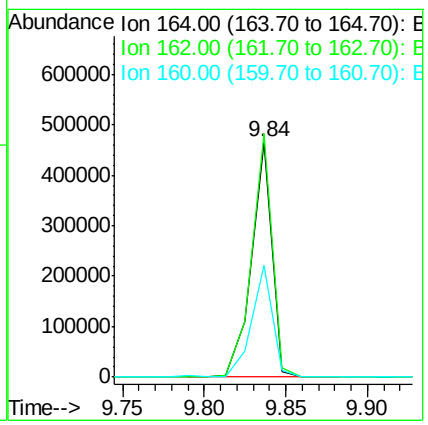
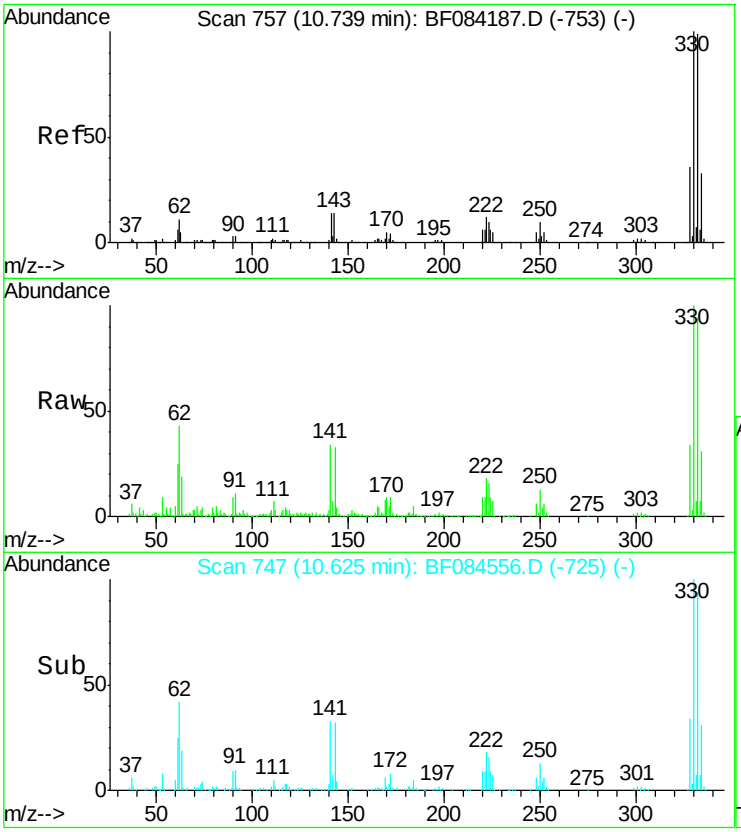


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:164 Resp: 403839

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	47.8	37.5	56.3

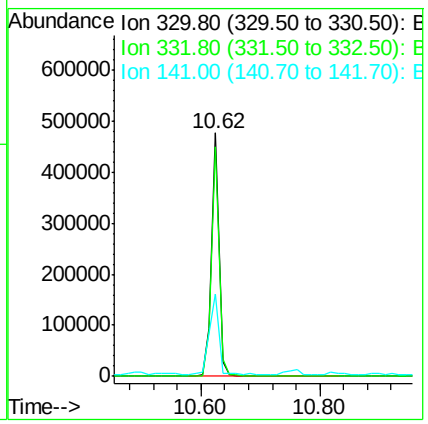




#41
2,4,6-Tribromophenol
Concen: 103.30 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:330 Resp: 421150

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	42.3	27.8	41.6#



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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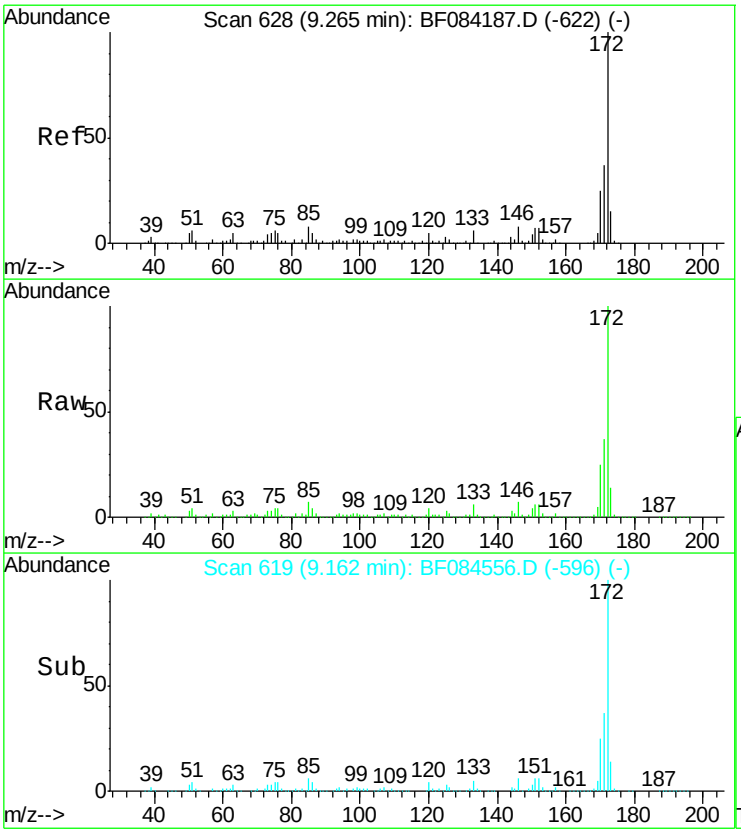
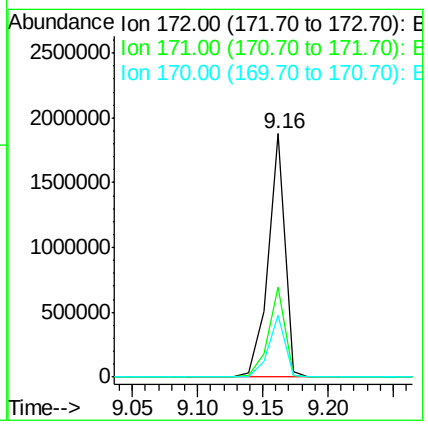
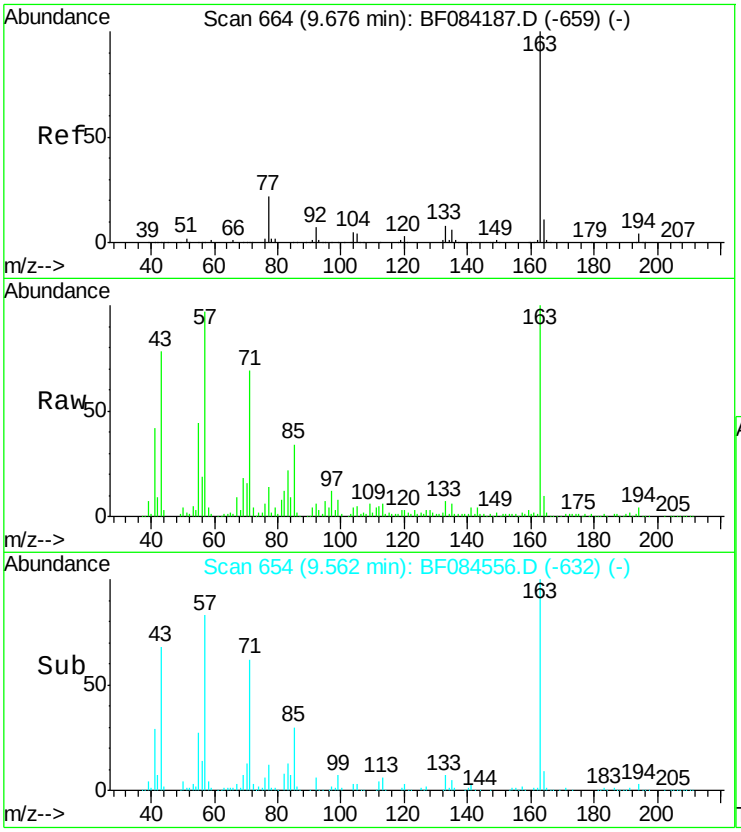


#44
2-Fluorobiphenyl
Concen: 72.88 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:172 Resp: 1693807

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.2	18.6	27.8

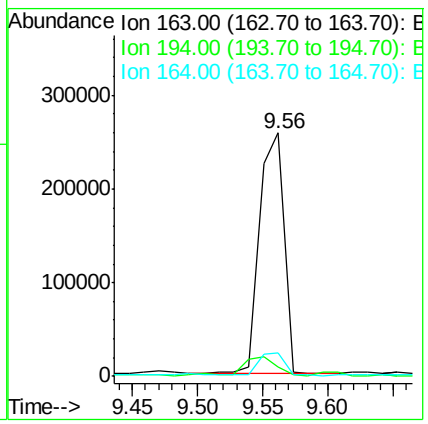




#49
Dimethylphthalate
Concen: 11.76 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:163 Resp: 339615

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.6	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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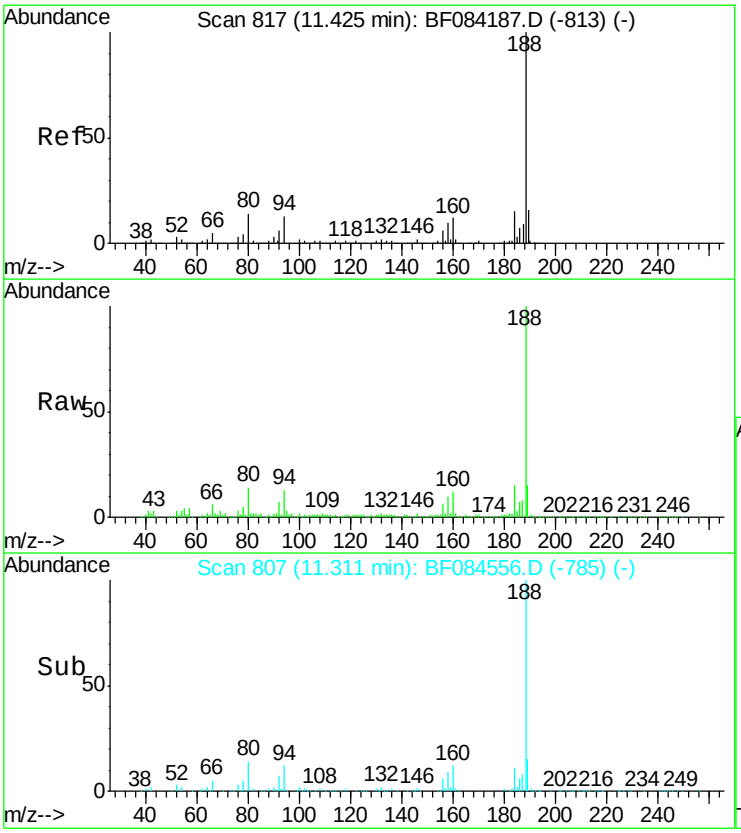
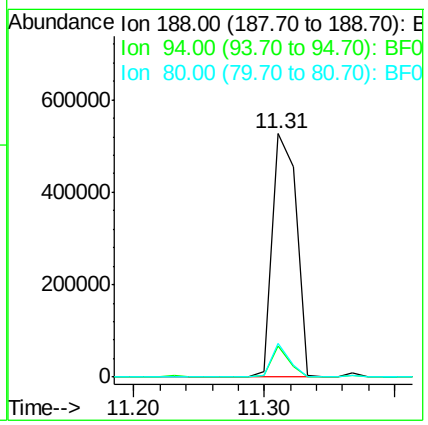
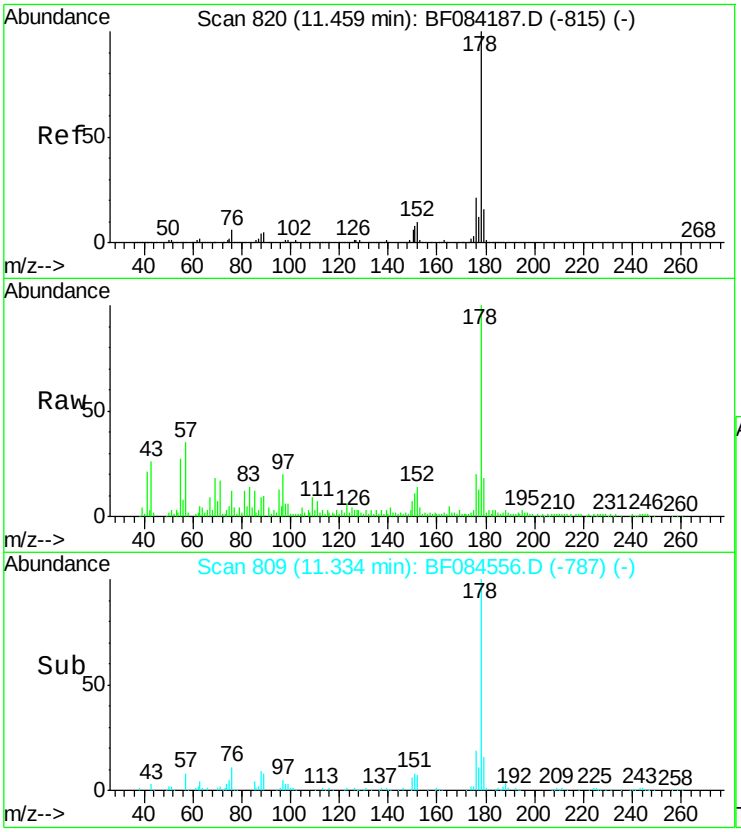


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:188 Resp: 686625

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.0	13.4
80	14.0	9.6	14.4

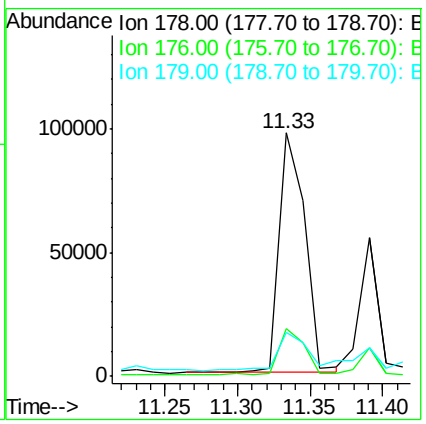




#70
Phenanthrene
Concen: 3.30 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:178 Resp: 118426

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	18.0	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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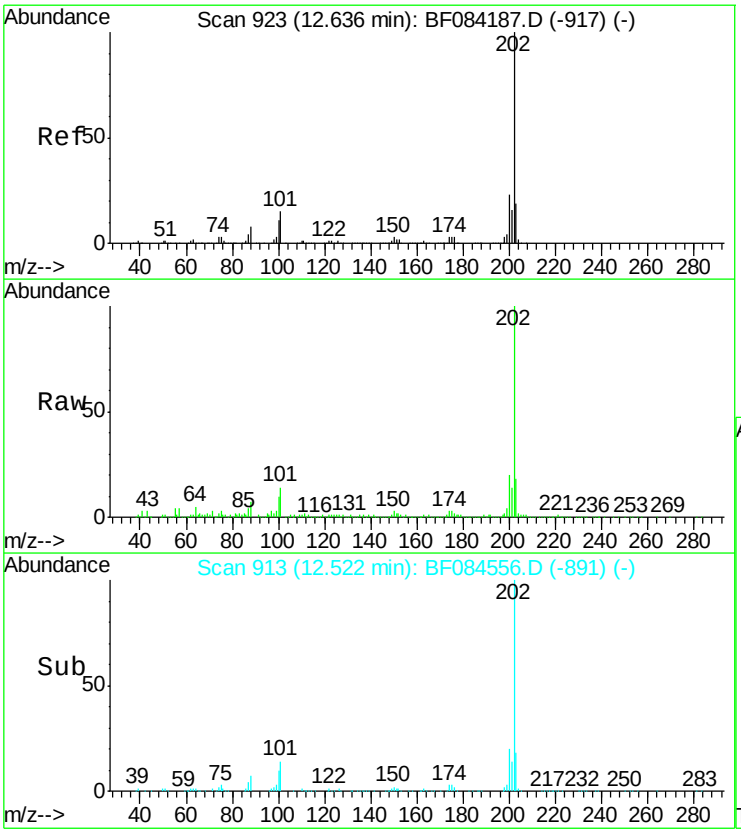
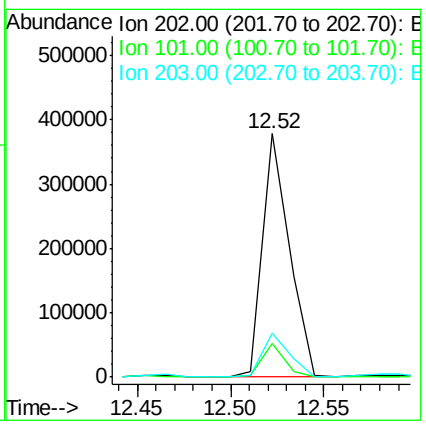
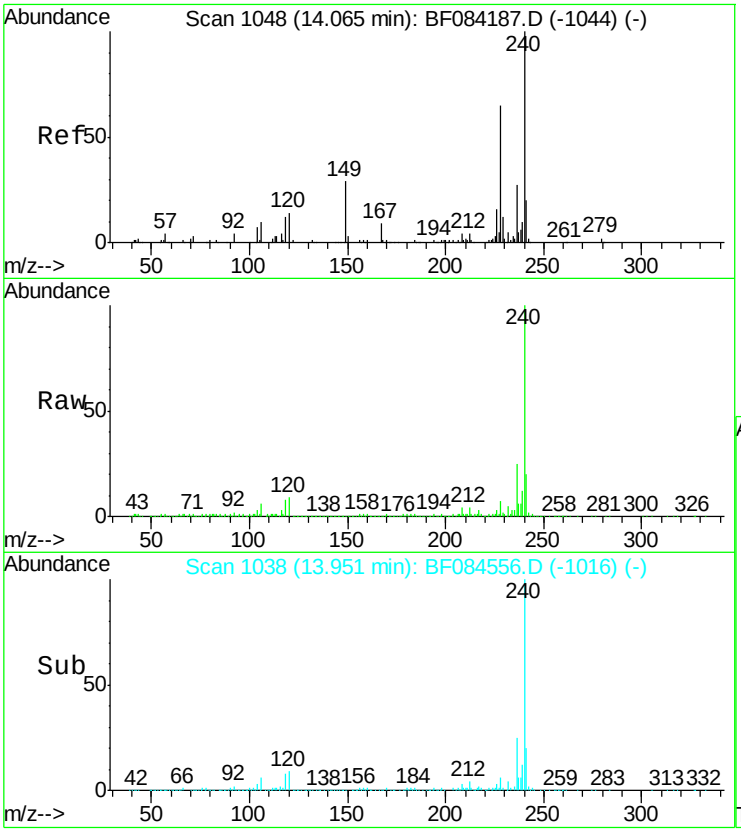


#74
Fluoranthene
Concen: 9.89 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:202 Resp: 371107

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.8
203	18.3	0.0	37.9

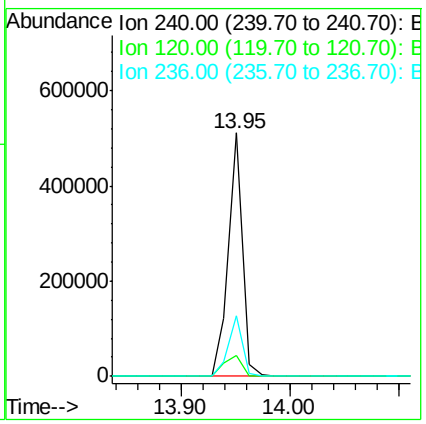




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:240 Resp: 460488

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.1	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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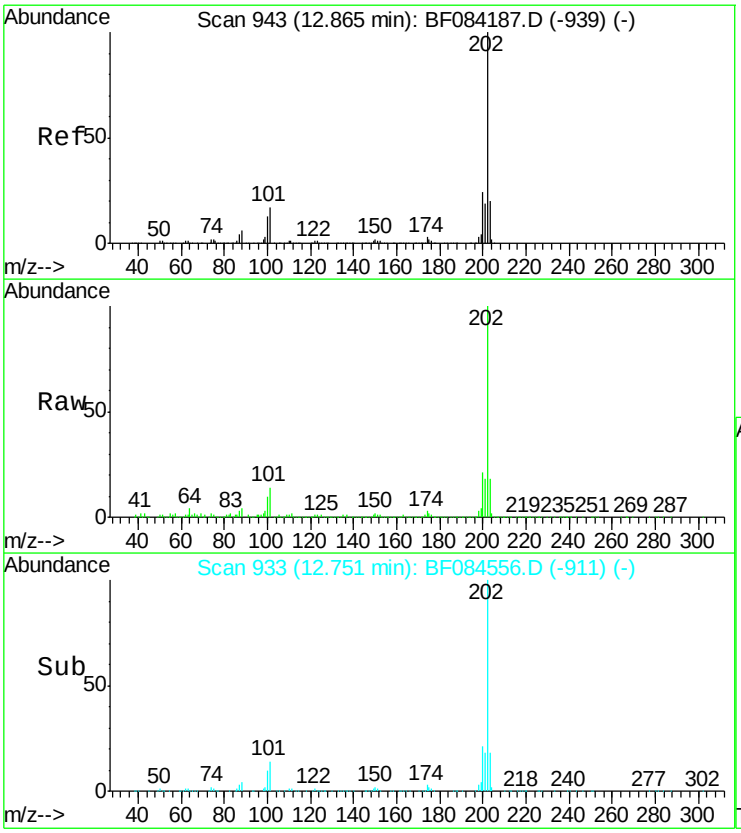
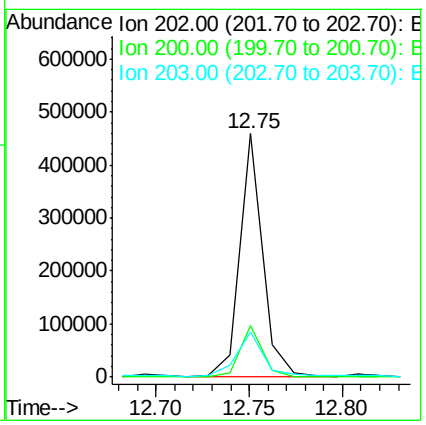
1/20/2016 2:22:44 PM

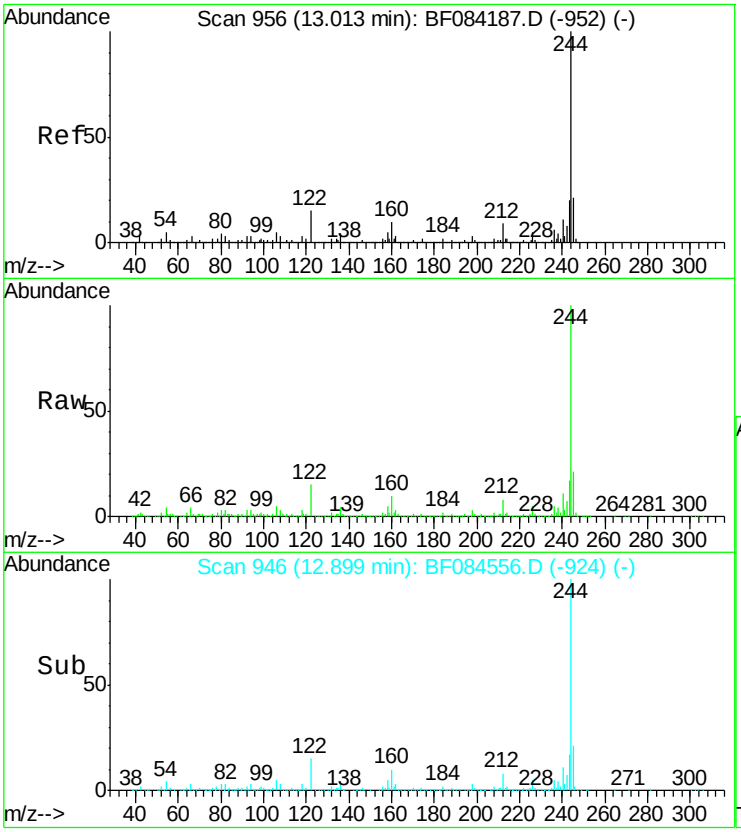


#77
Pyrene
Concen: 10.71 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:202 Resp: 386999

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.4	14.3	21.5

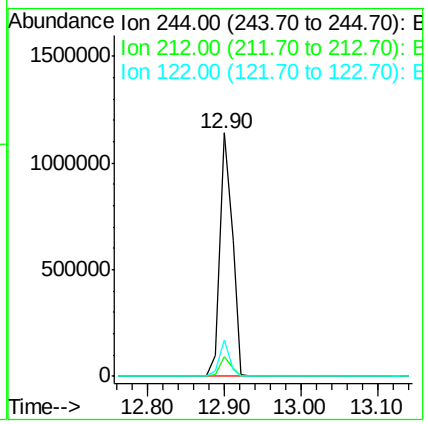




#78
Terphenyl-d14
Concen: 62.98 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:244 Resp: 1299205

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.9	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

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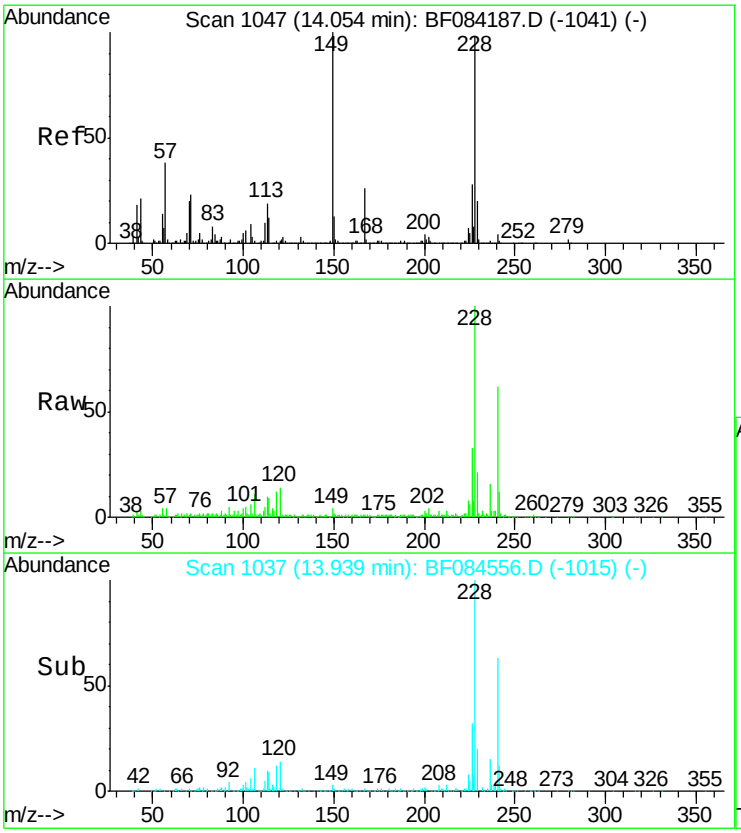
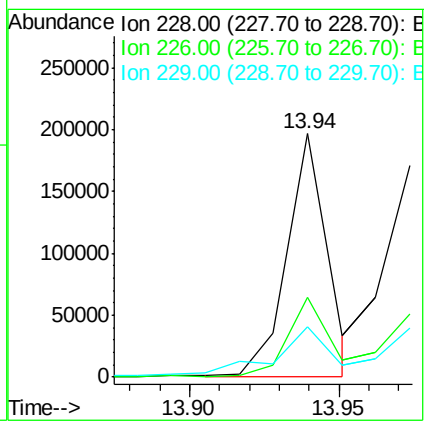
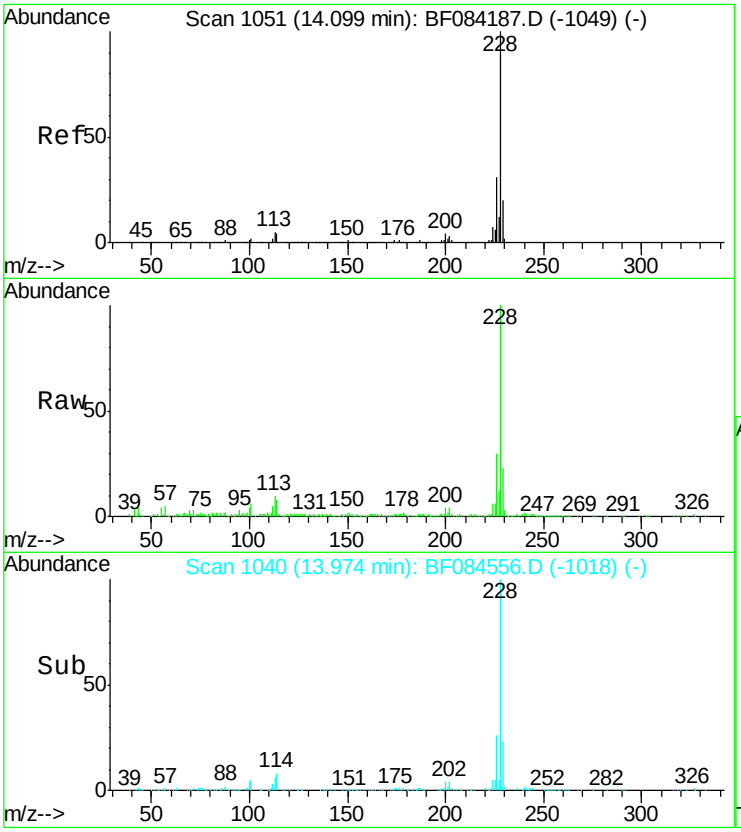


#80
Benzo(a)anthracene
Concen: 6.81 ng m
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:228 Resp: 184255

Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.8	32.6#
229	20.9	15.8	23.8

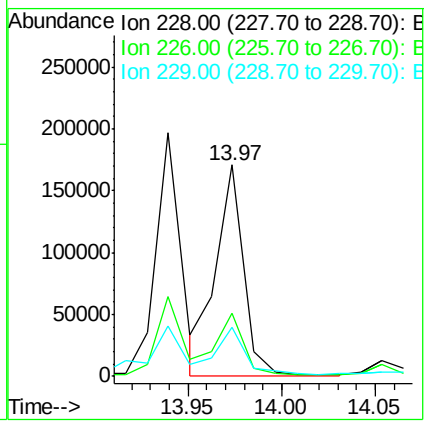




#82
Chrysene
Concen: 6.95 ng m
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:228 Resp: 180685

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	23.2	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

Manual Integrations APPROVED
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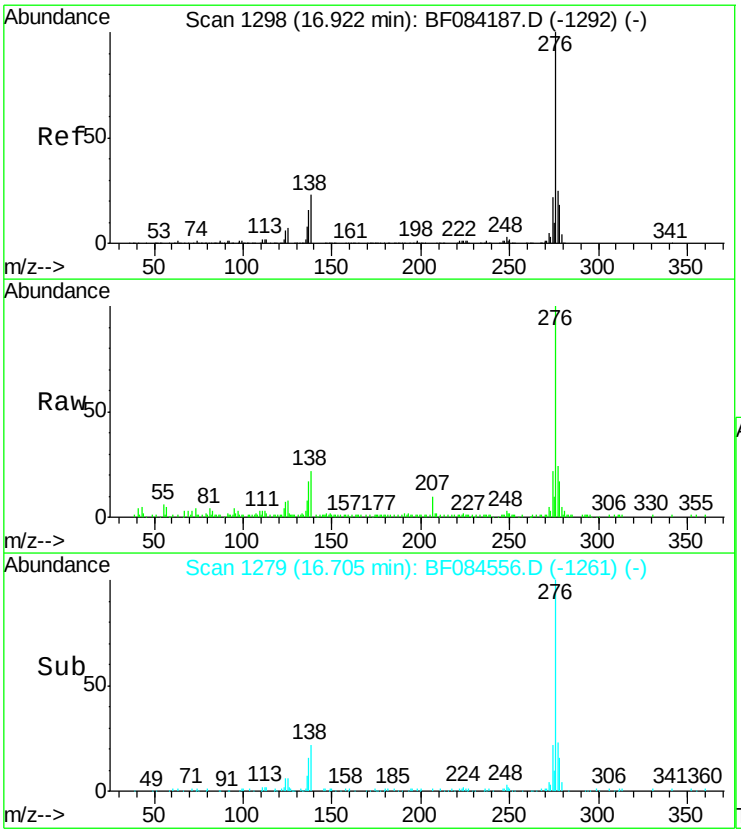
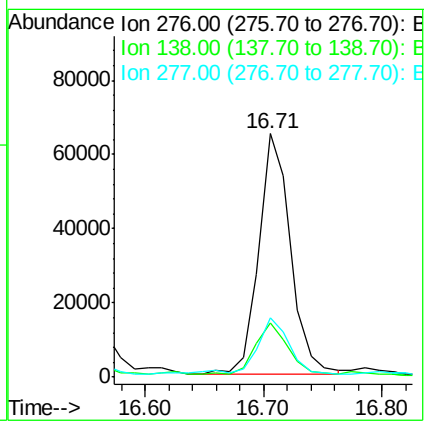
1/20/2016 2:22:44 PM

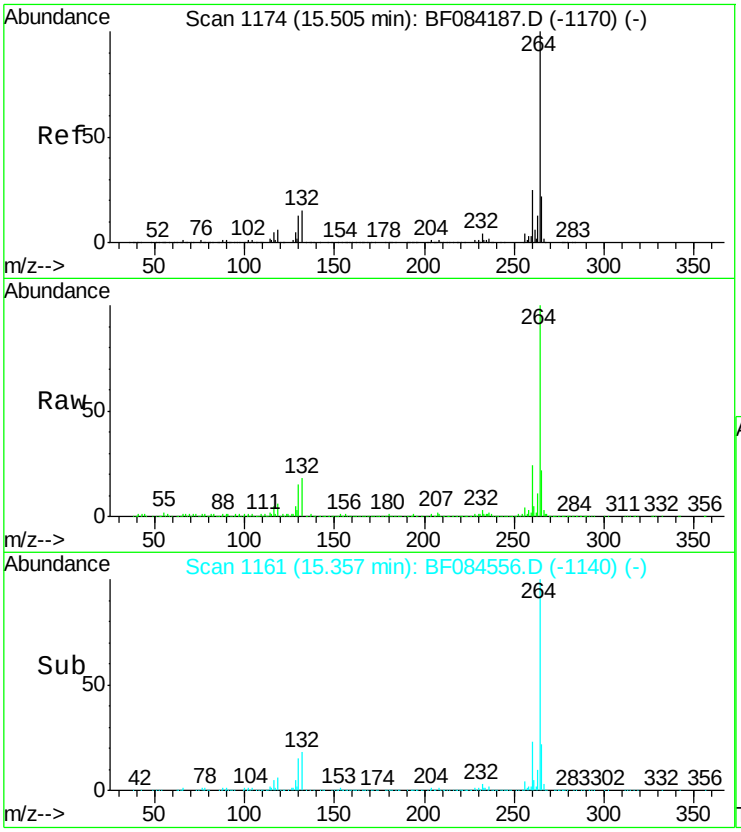


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.86 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:276 Resp: 120760

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.6	30.8
277	26.5	20.1	30.1

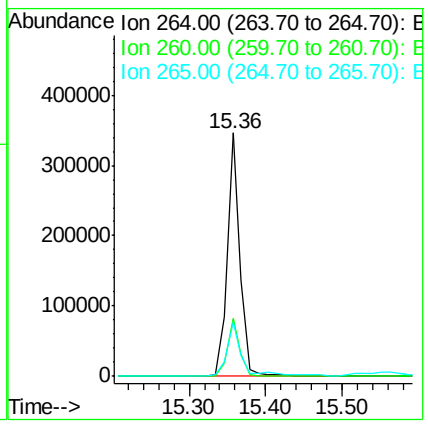




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:264 Resp: 407686

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.2	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

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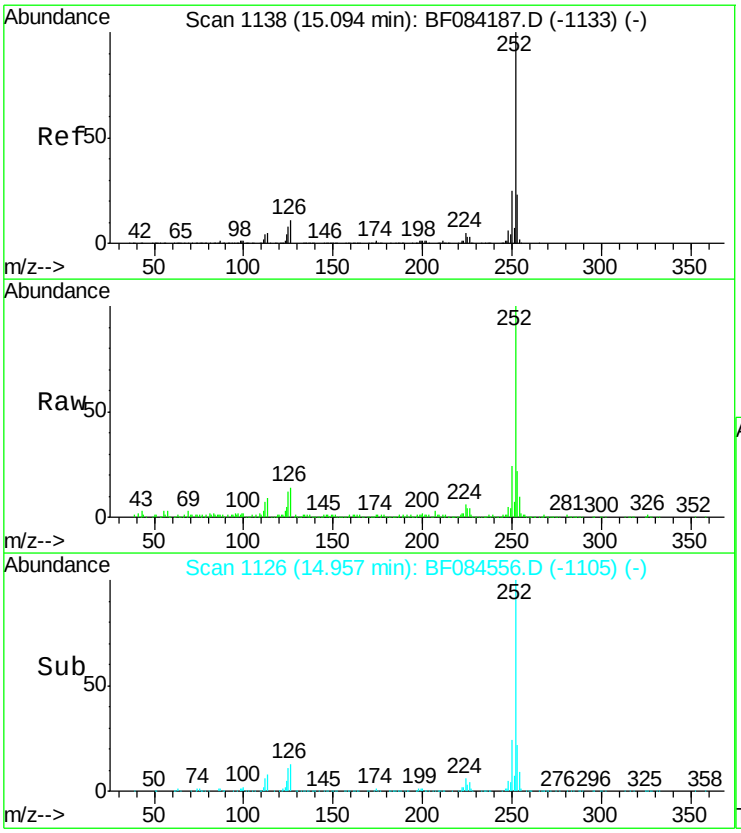
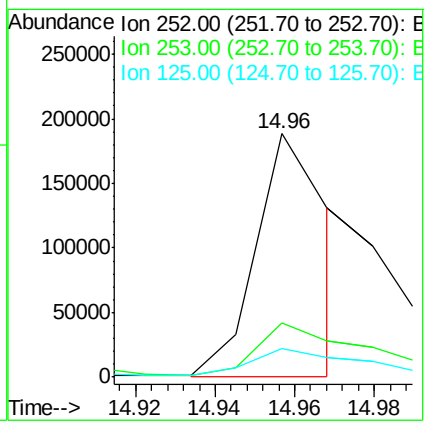
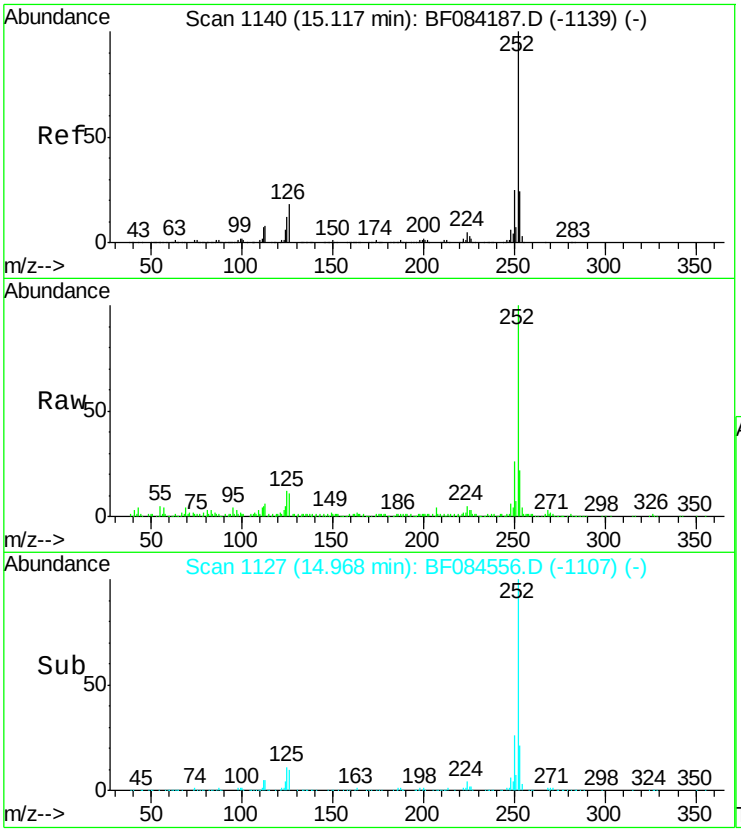


#87
Benzo(b)fluoranthene
Concen: 9.05 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:252 Resp: 241410

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.6	6.5	9.7#

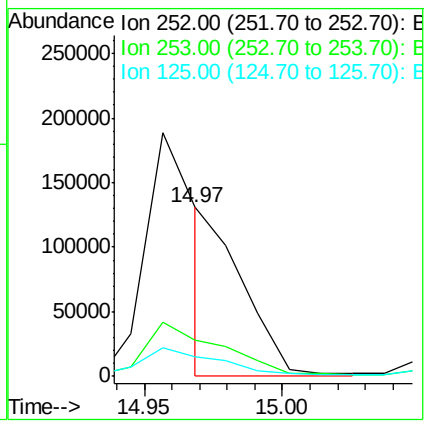




#88
Benzo(k)fluoranthene
Concen: 5.02 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.07 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:252 Resp: 109537

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.8	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
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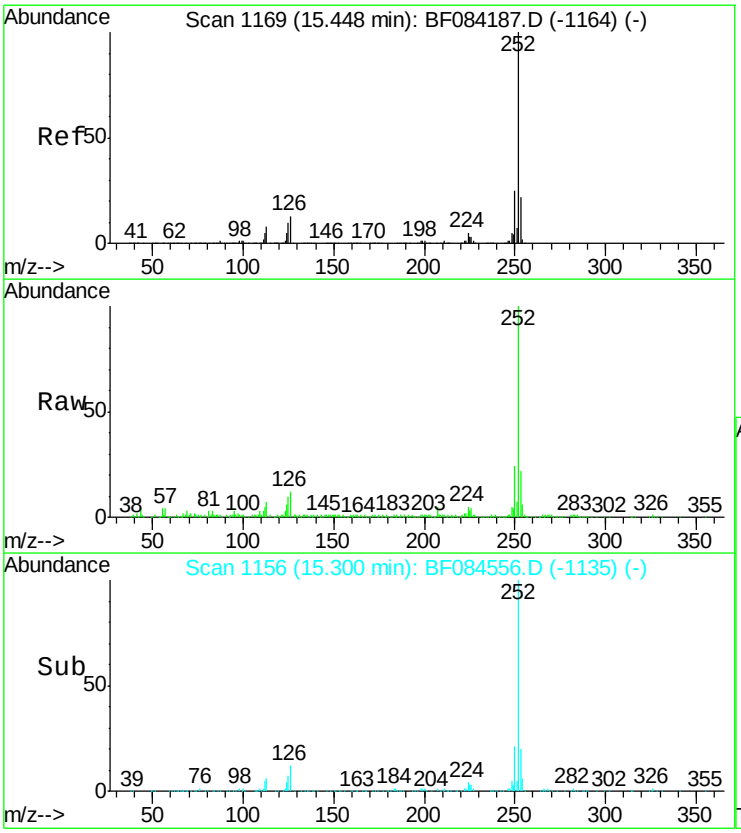
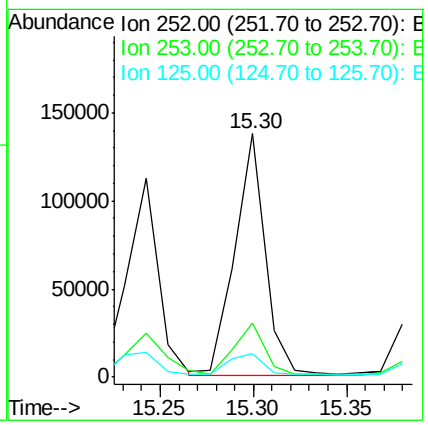
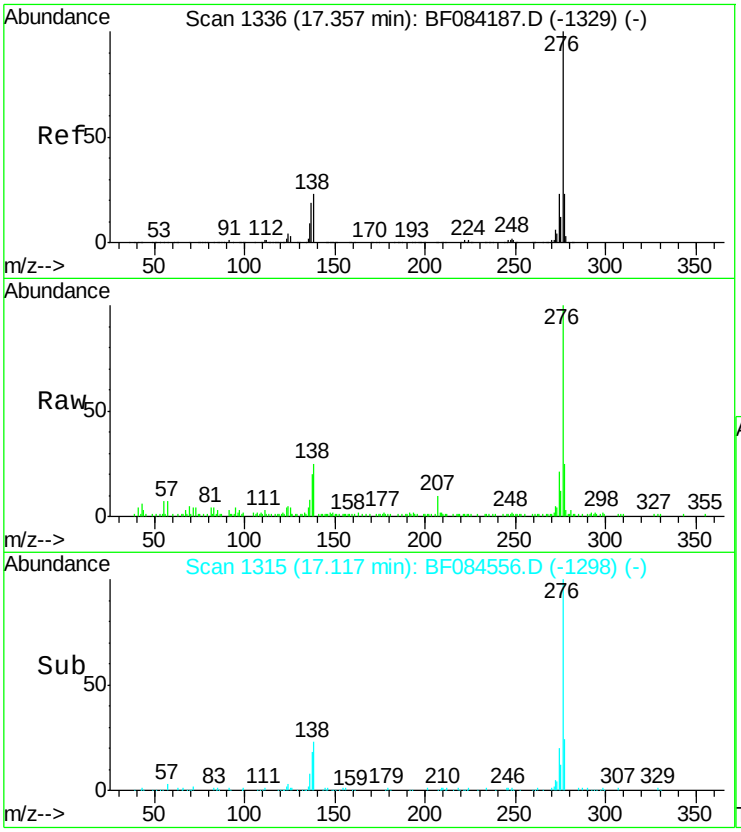


#89
Benzo(a)pyrene
Concen: 7.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:252 Resp: 158323

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.9	7.0	10.4

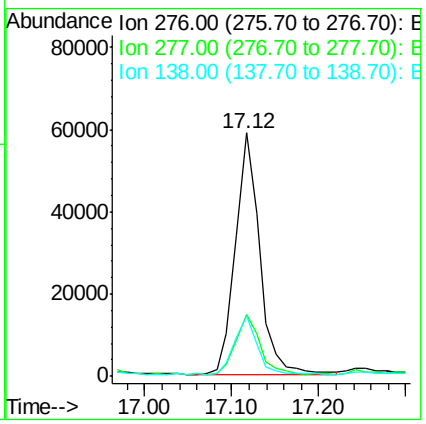




#91
Benzo(g,h,i)perylene
Concen: 5.66 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.10 min
Lab File: BF084556.D
Acq: 19 Jan 2016 17:06

Tgt Ion:276 Resp: 114118

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	24.6	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SP-003(0-2)

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