Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087092.D
Acq On : 16 May 2016 20:22
Operator : UM/SJ
Sample : H3038-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

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Quant Time: May 17 13:31:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:12:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151534	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	582795	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	237014	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	387529	20.00	ng		0.00
75) Chrysene-d12	13.75	240	309068	20.00	ng		-0.01
86) Perylene-d12	15.11	264	245705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	908134	101.49	ng		0.00
7) Phenol-d6	6.27	99	1159798	96.98	ng		-0.01
23) Nitrobenzene-d5	7.18	82	746493	64.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.43	330	212296	84.61	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	1099325	77.95	ng		-0.01
78) Terphenyl-d14	12.71	244	920938	63.22	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.37	163	128806	7.12	ng		100
70) Phenanthrene	11.14	178	429942	20.79	ng		99
71) Anthracene	11.20	178	100782	4.76	ng		98
74) Fluoranthene	12.33	202	646843	30.41	ng		92
77) Pyrene	12.55	202	561959	23.75	ng		97
80) Benzo(a)anthracene	13.74	228	306722	17.68	ng		99
82) Chrysene	13.77	228	226053	12.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.35	276	94711	6.45	ng	#	91
87) Benzo(b)fluoranthene	14.74	252	259577m	16.26	ng		
88) Benzo(k)fluoranthene	14.75	252	104884m	8.02	ng		
89) Benzo(a)pyrene	15.06	252	182445	13.25	ng		97
90) Dibenzo(a,h)anthracene	16.37	278	31945	2.75	ng	#	90
91) Benzo(g,h,i)perylene	16.73	276	83219	7.06	ng		96

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087092.D
Acq On : 16 May 2016 20:22
Operator : UM/SJ
Sample : H3038-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 17 13:31:05 2016
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Instrument :
BNA_F
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WEST-ABOUTMENT-N.SIDE

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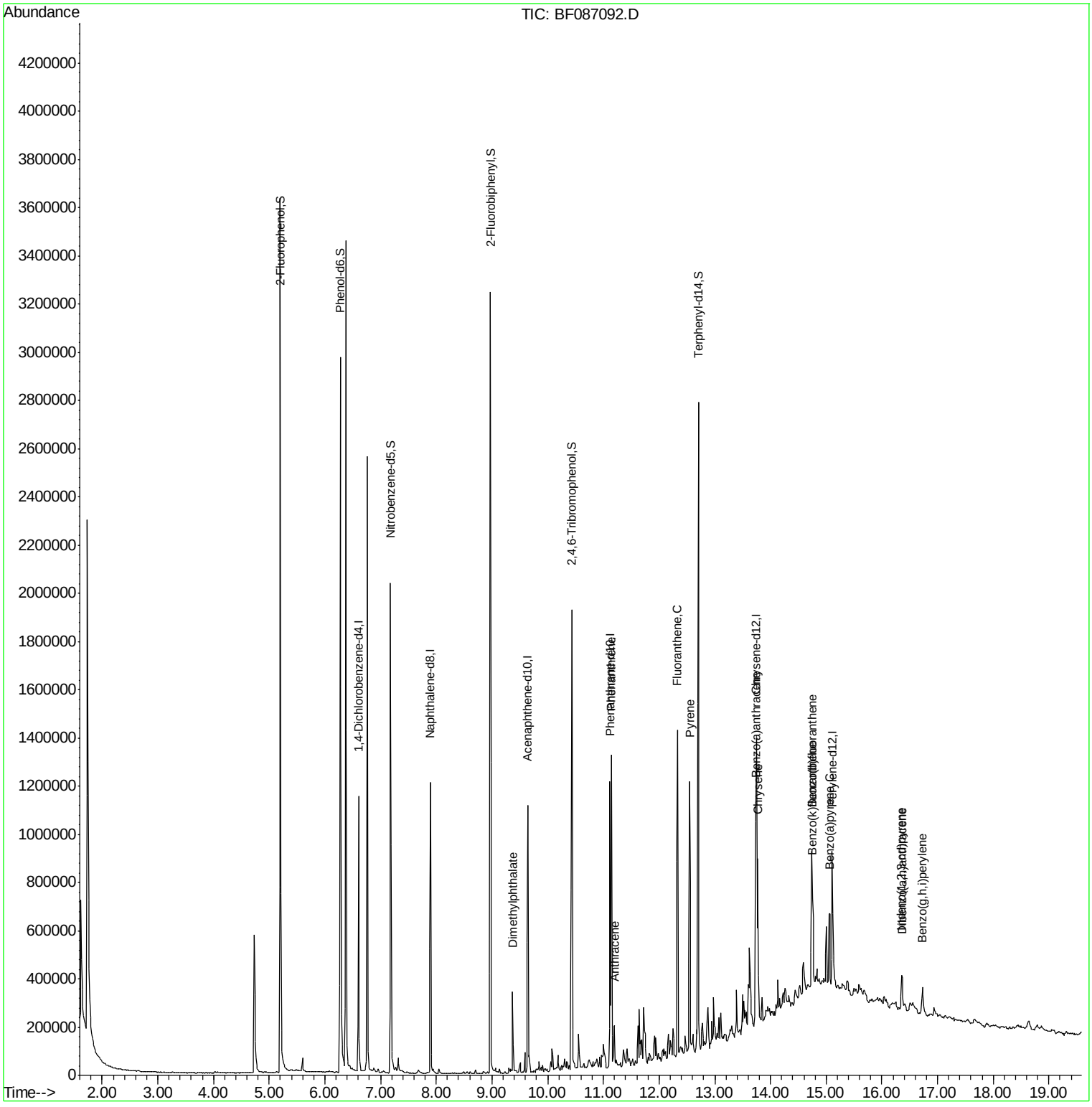
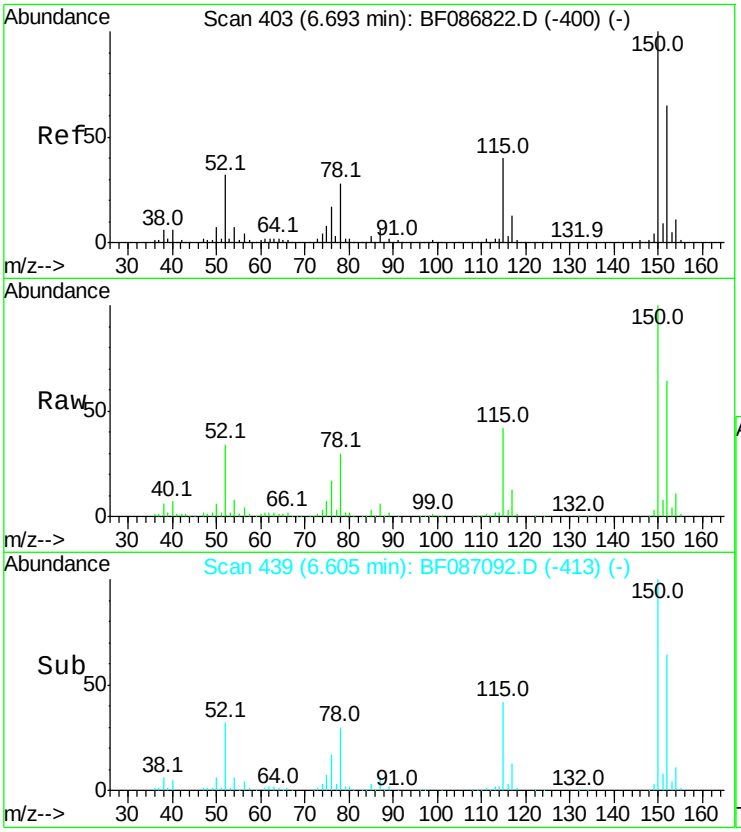
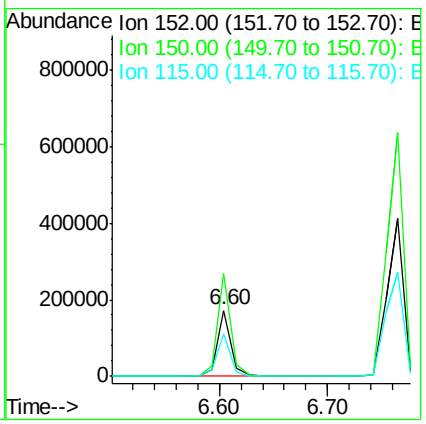




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:152 Resp: 151534

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	65.3	51.5	77.3



Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

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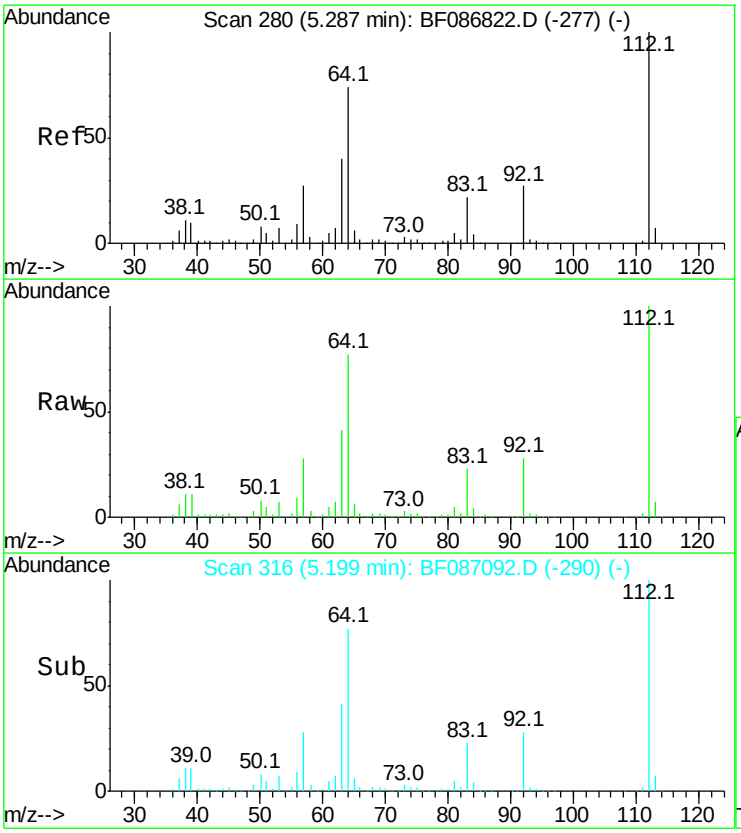
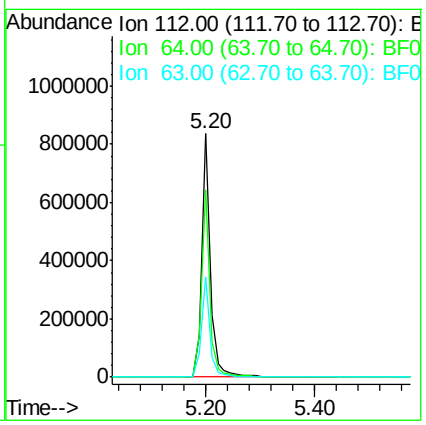
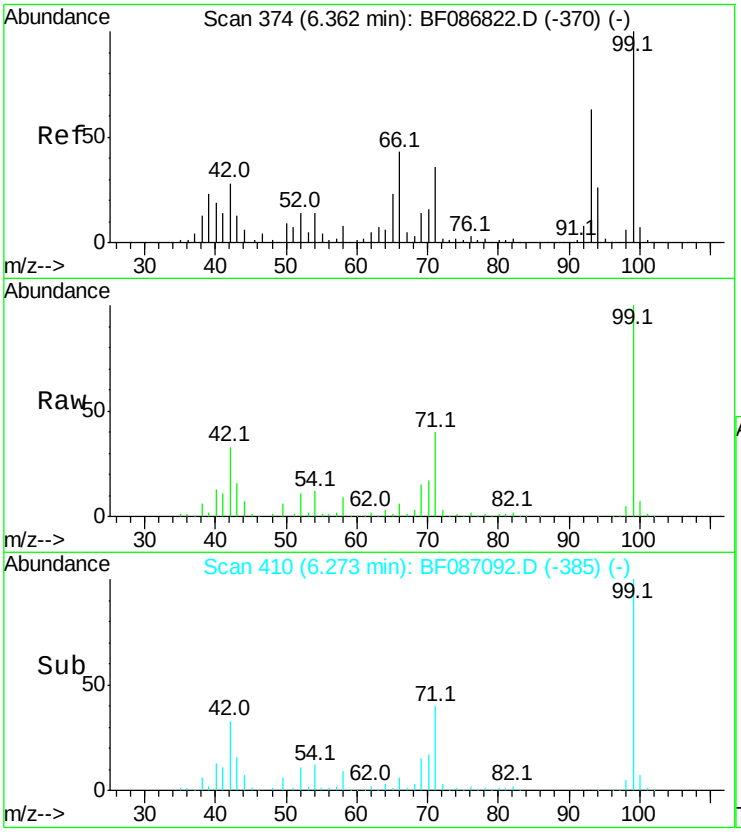


#5
2-Fluorophenol
Concen: 101.49 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:112 Resp: 908134

Ion	Ratio	Lower	Upper
112	100		
64	76.8	52.1	78.1
63	41.4	25.7	38.5#





#7
Phenol-d6
Concen: 96.98 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion: 99 Resp: 1159798

Ion	Ratio	Lower	Upper
99	100		
42	32.8	13.6	20.4#
71	40.4	24.6	36.8#

Instrument :
BNA_F
ClientSampleId :
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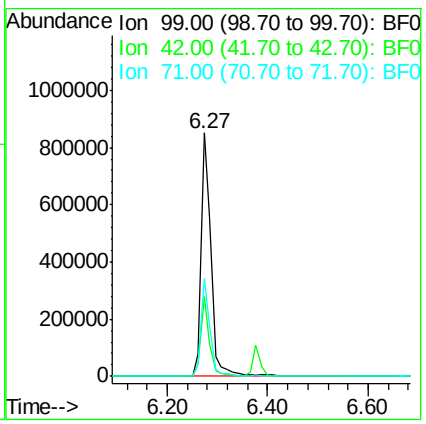
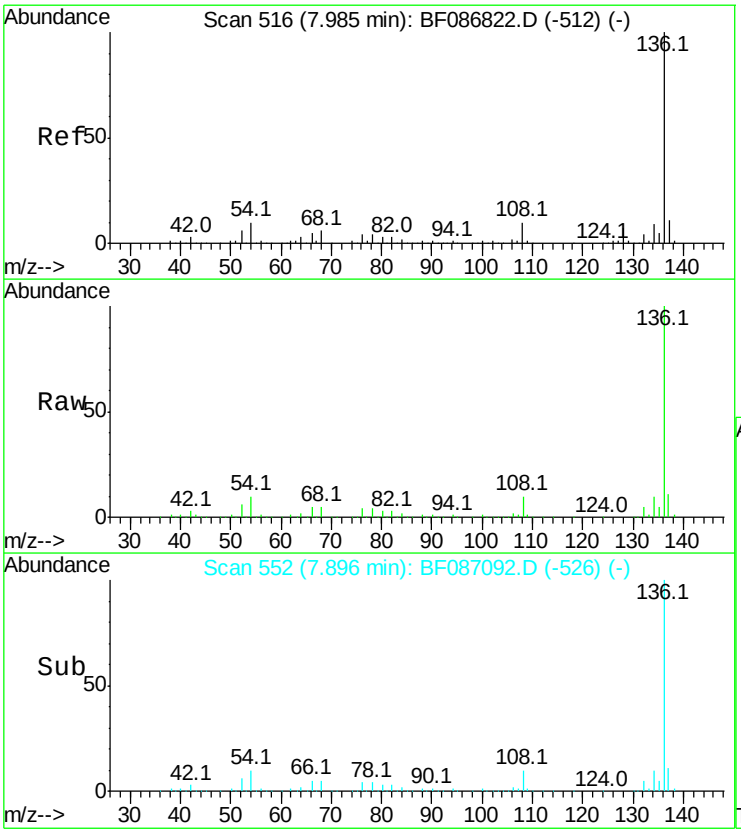
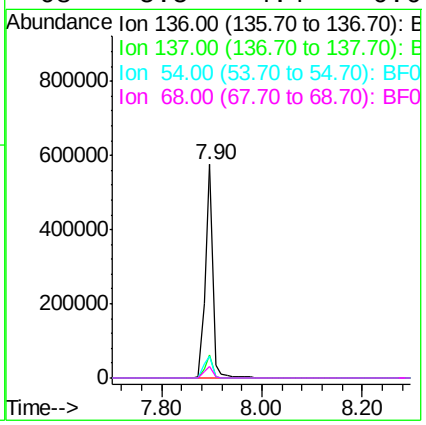


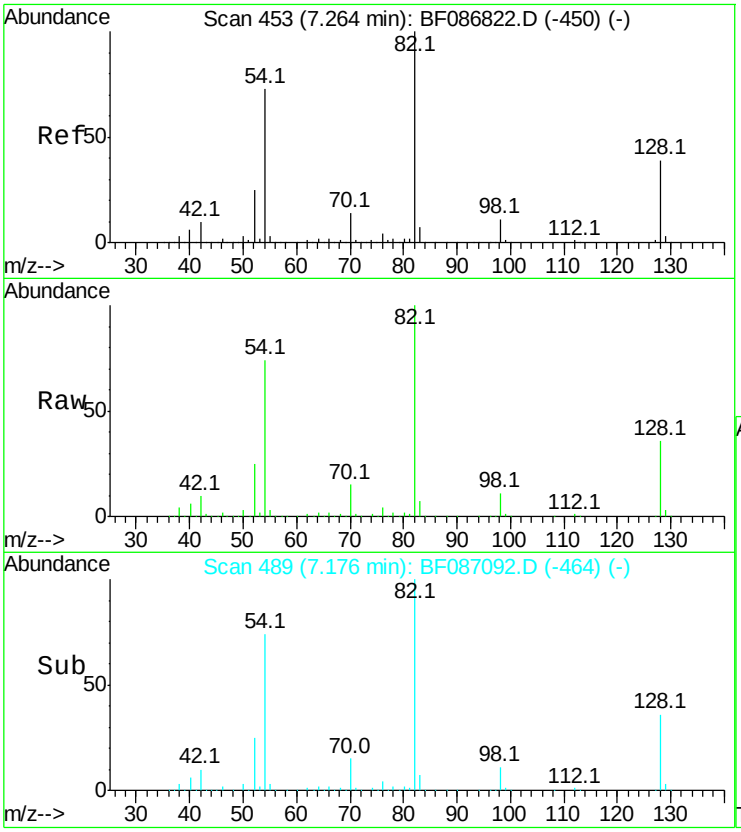


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:136 Resp: 582795

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	5.0	7.4#
68	5.5	4.4	6.6

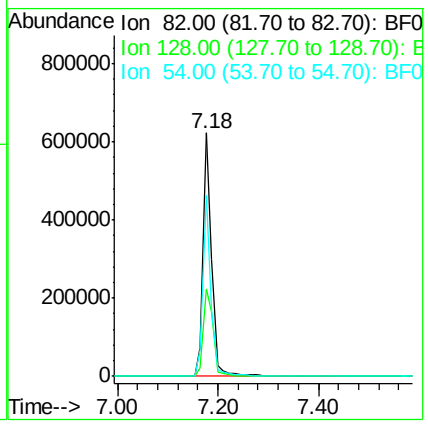




#23
Nitrobenzene-d5
Concen: 64.32 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion: 82 Resp: 746493

Ion	Ratio	Lower	Upper
82	100		
128	36.1	40.6	61.0#
54	74.3	38.1	57.1#



Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

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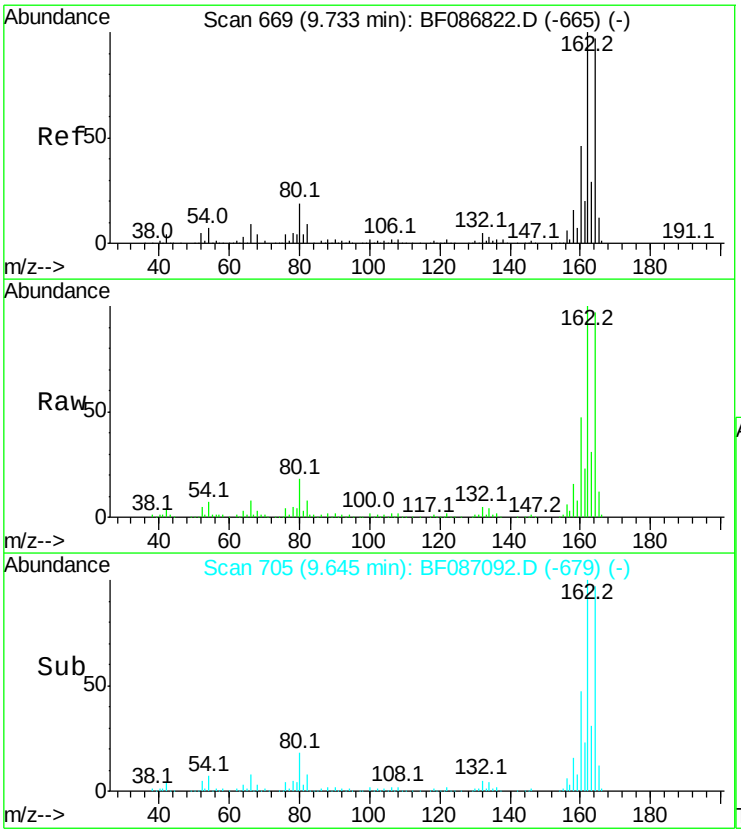
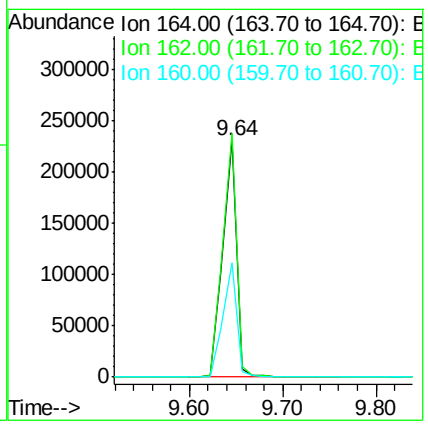
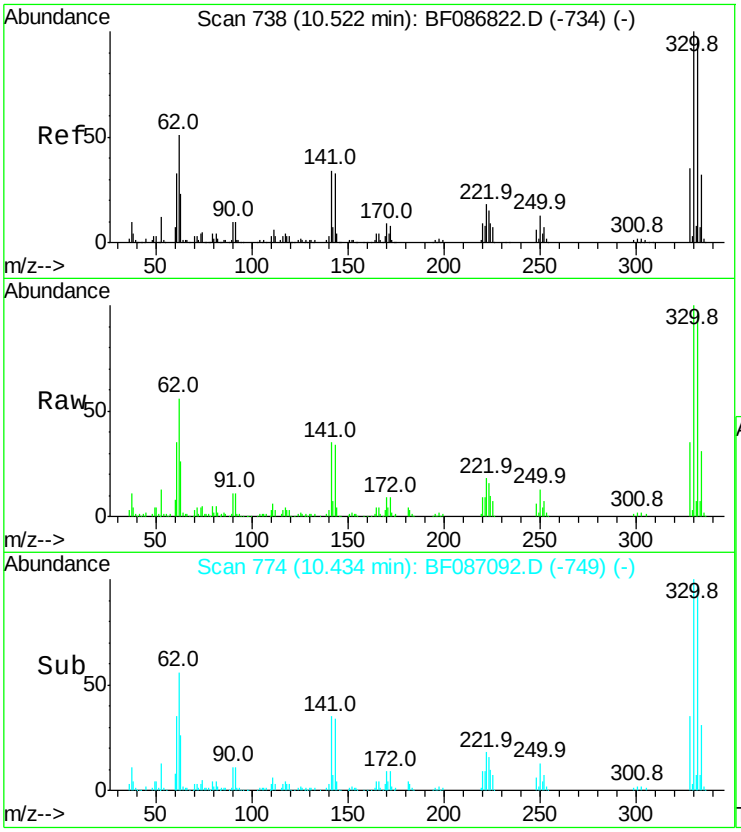


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:164 Resp: 237014

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	48.3	36.9	55.3

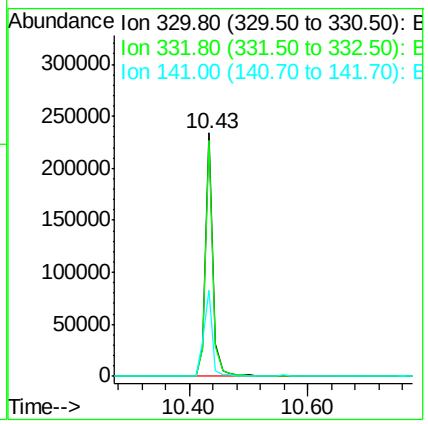




#41
2,4,6-Tribromophenol
Concen: 84.61 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:330 Resp: 212296

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	41.4	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
WEST-ABOUTMENT-N.SIDE

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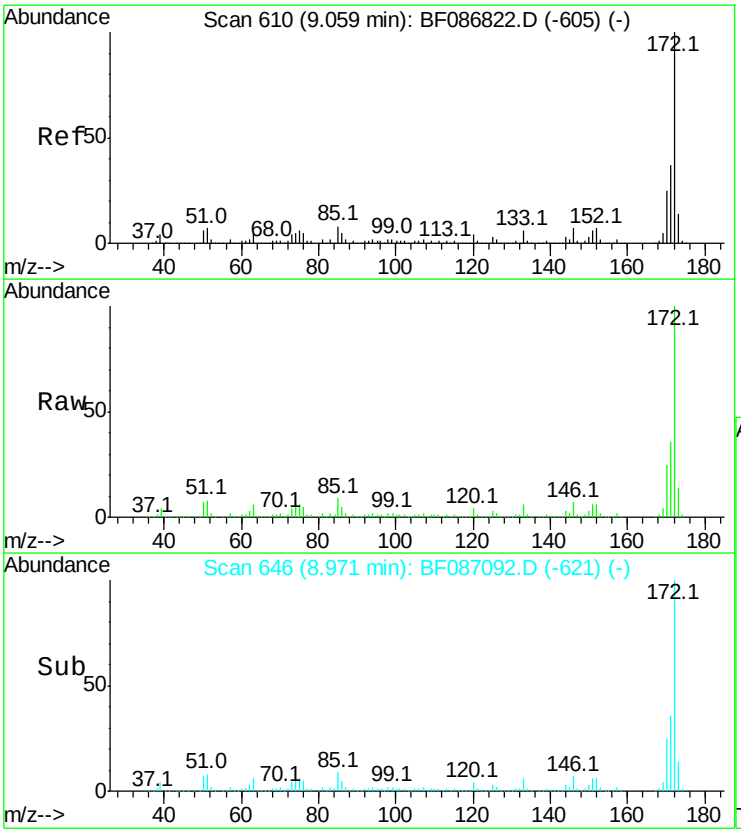
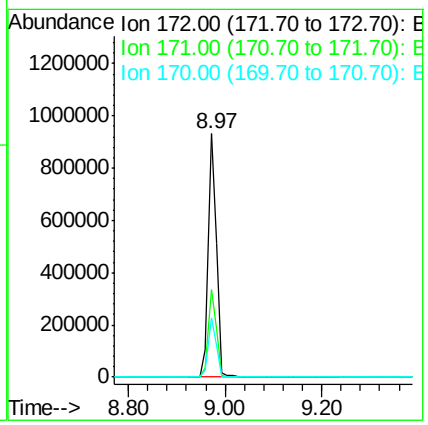
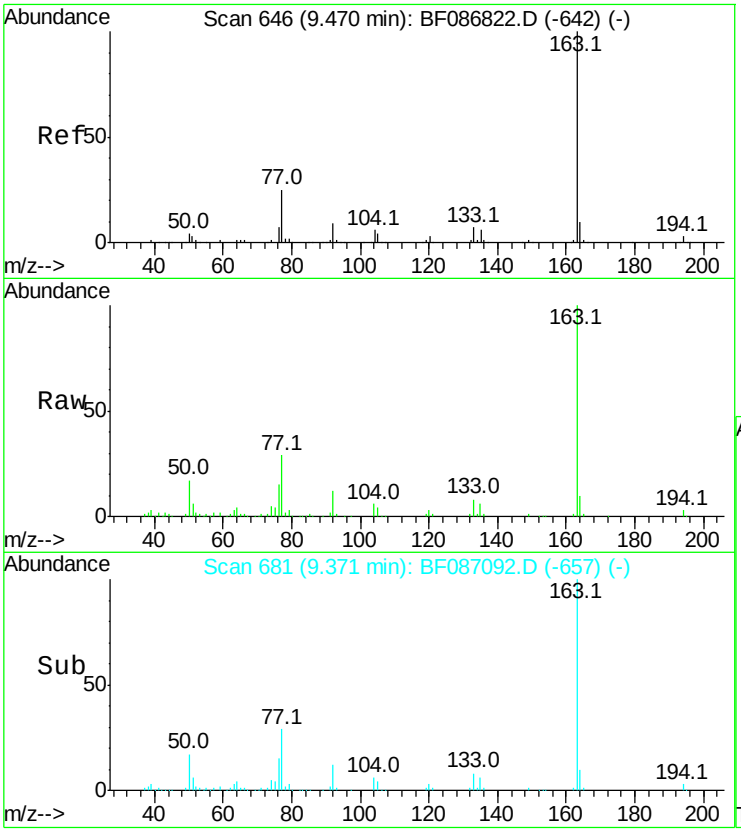


#44
2-Fluorobiphenyl
Concen: 77.95 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:172 Resp: 1099325

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.5	19.8	29.8

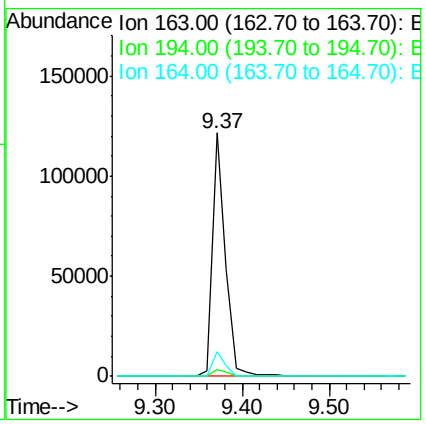




#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:163 Resp: 128806

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.4	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
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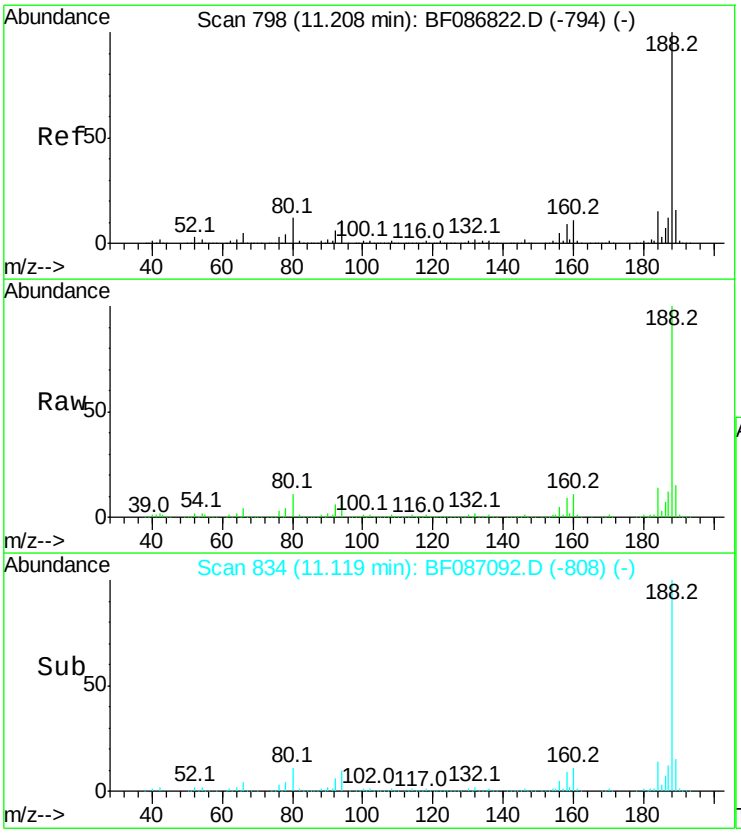
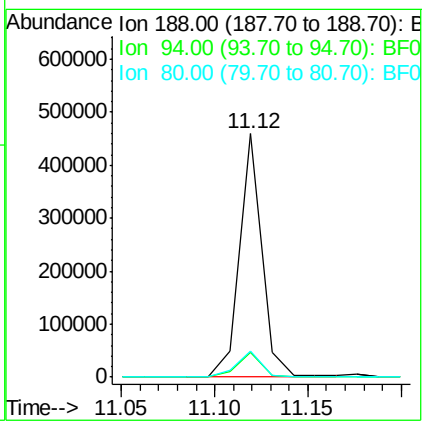
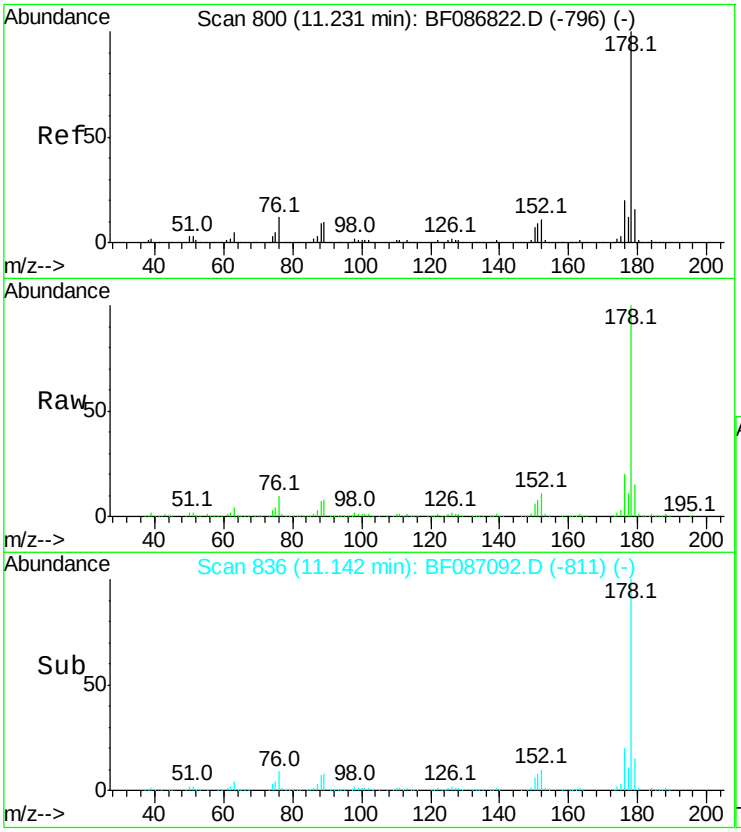


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:188 Resp: 387529

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.8	10.2
80	10.7	7.1	10.7#

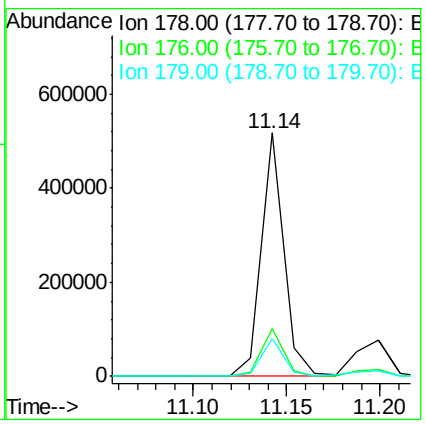




#70
Phenanthrene
Concen: 20.79 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:178 Resp: 429942

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.4	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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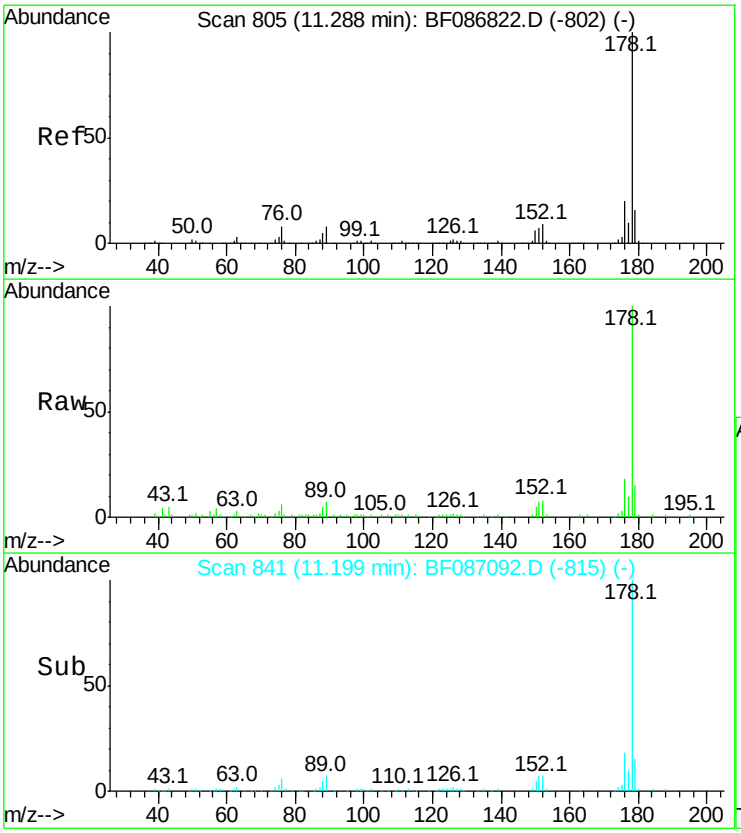
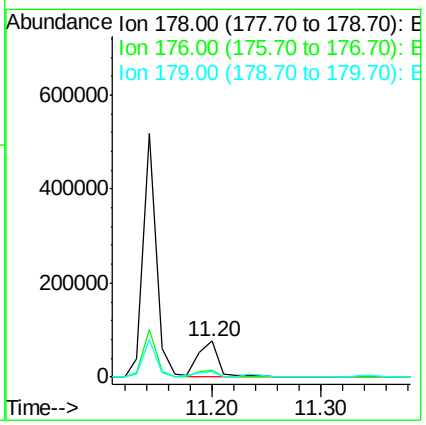
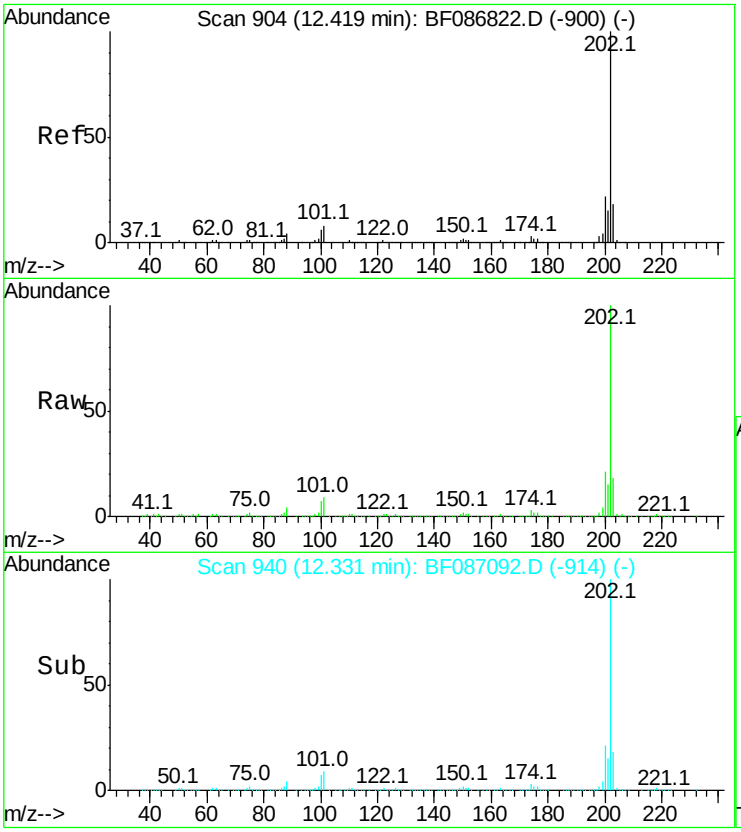


#71
Anthracene
Concen: 4.76 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:178 Resp: 100782

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.1	12.7	19.1

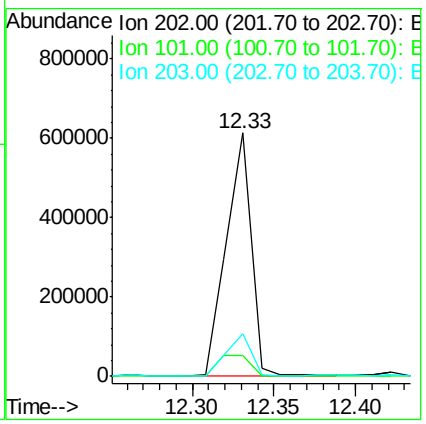




#74
Fluoranthene
Concen: 30.41 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:202 Resp: 646843

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	35.4
203	17.5	0.0	38.1



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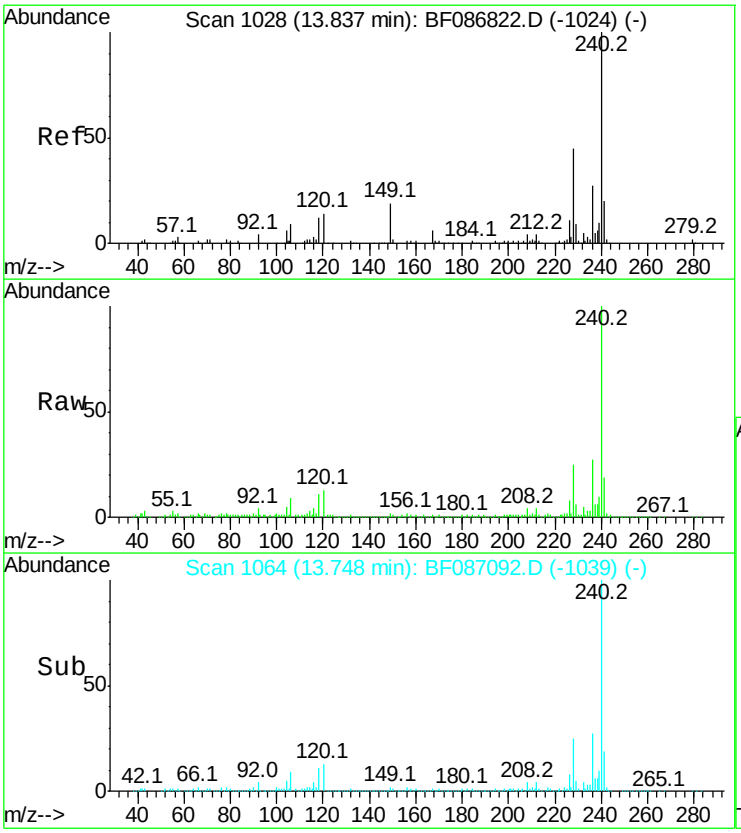
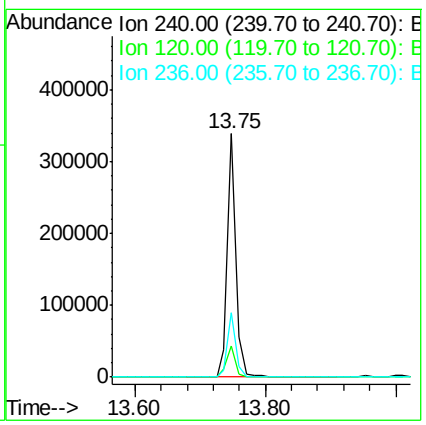
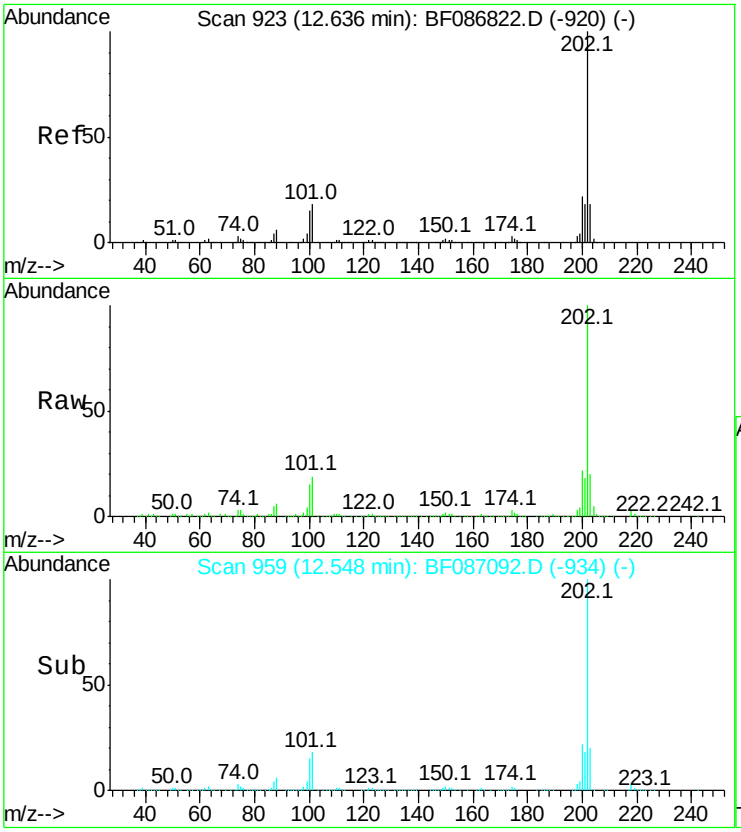


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:240 Resp: 309068

Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	26.7	21.2	31.8

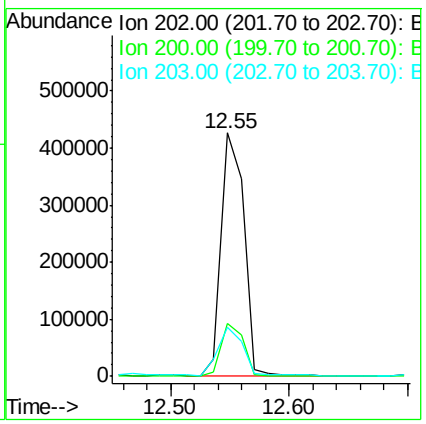




#77
Pyrene
Concen: 23.75 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:202 Resp: 561959

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	20.3	14.2	21.4



Instrument :
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ClientSampleId :
WEST-ABOUTMENT-N.SIDE

Manual Integrations APPROVED
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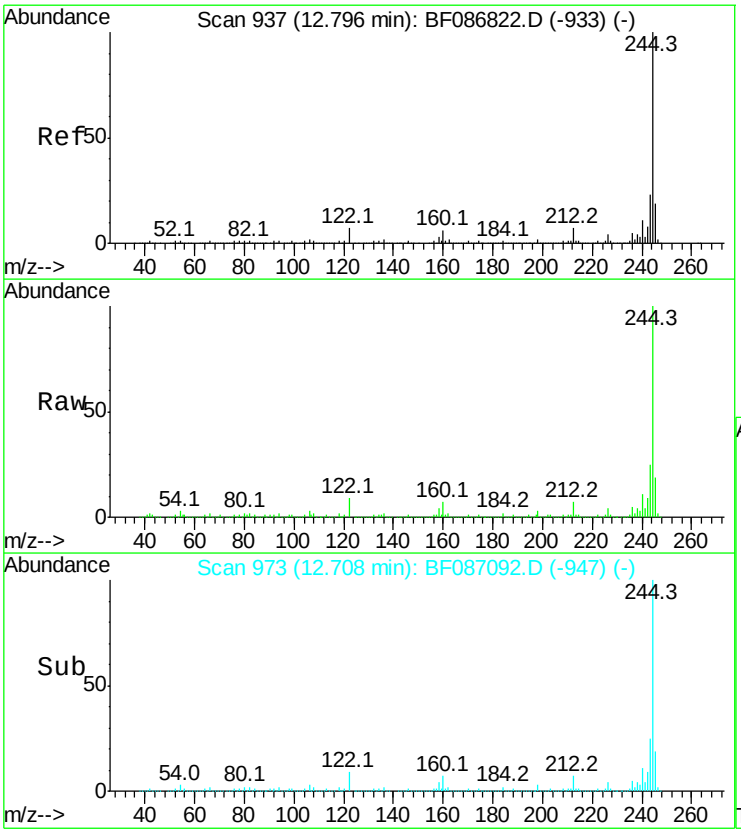
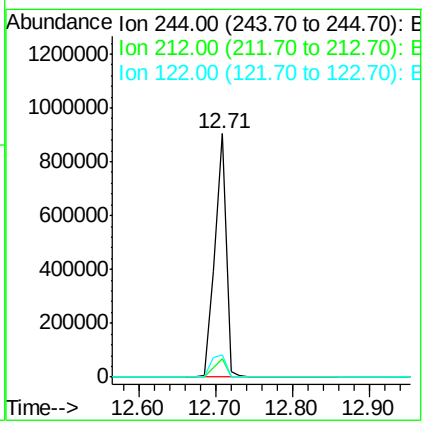
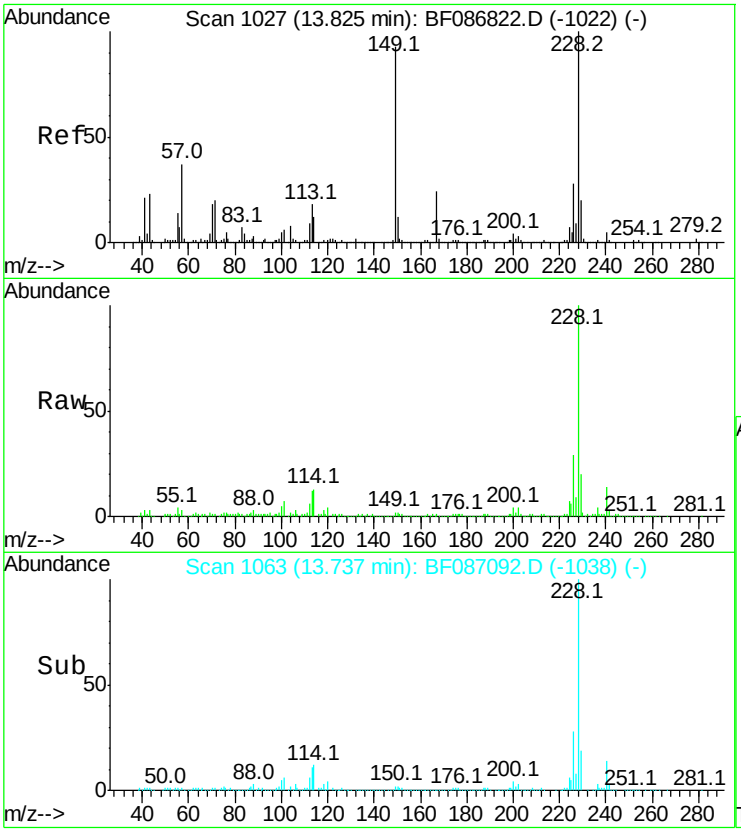


#78
Terphenyl-d14
Concen: 63.22 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:244 Resp: 920938

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	9.1	12.0	18.0#

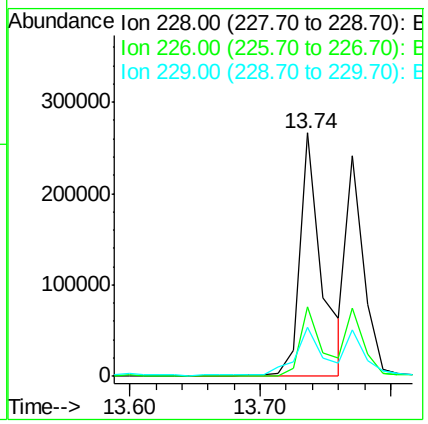




#80
Benzo(a)anthracene
Concen: 17.68 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:228 Resp: 306722

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	20.1	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
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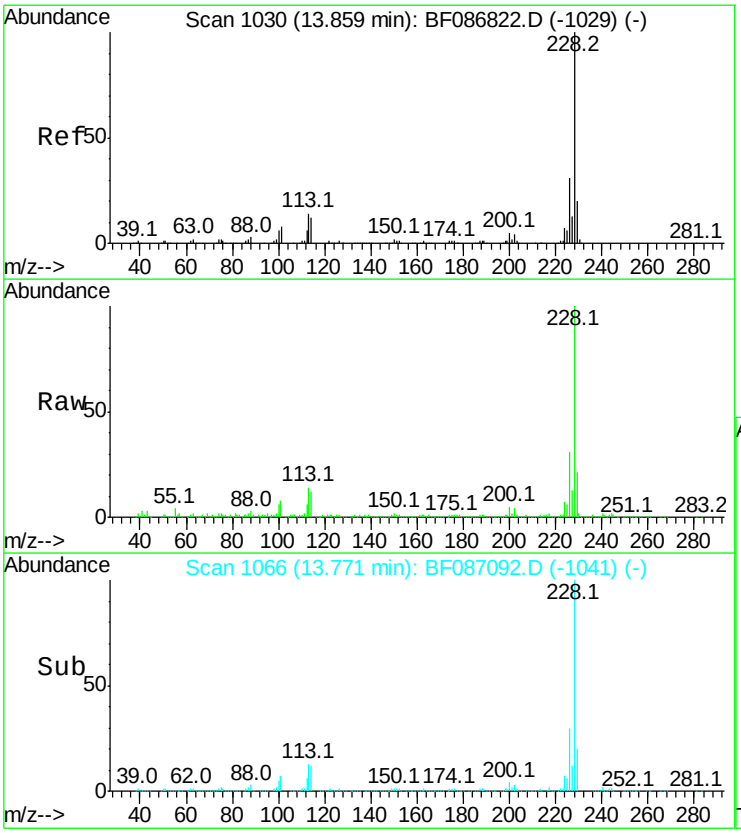
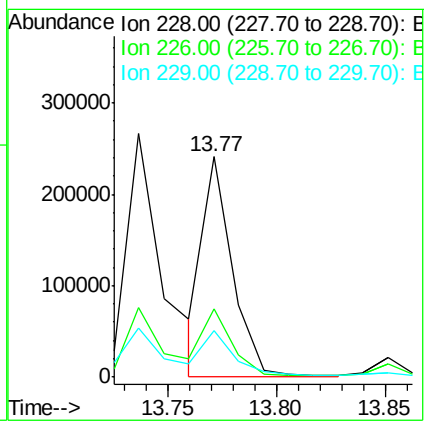
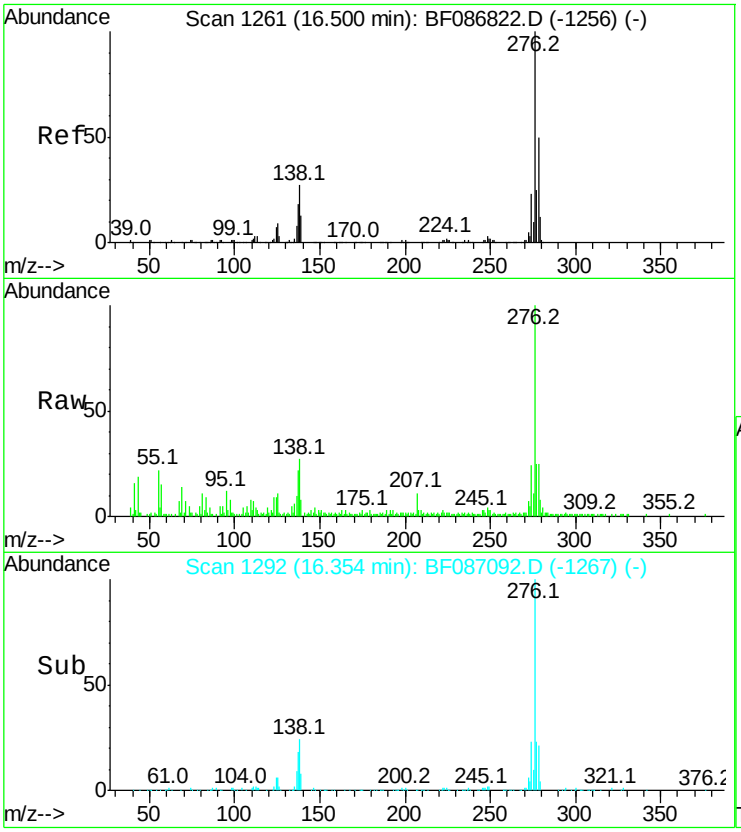


#82
Chrysene
Concen: 12.81 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:228 Resp: 226053

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.2	15.8	23.8





#85
Indeno(1,2,3-cd)pyrene
Concen: 6.45 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:276 Resp: 94711

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
277	27.5	20.5	30.7

Instrument :
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ClientSampleId :
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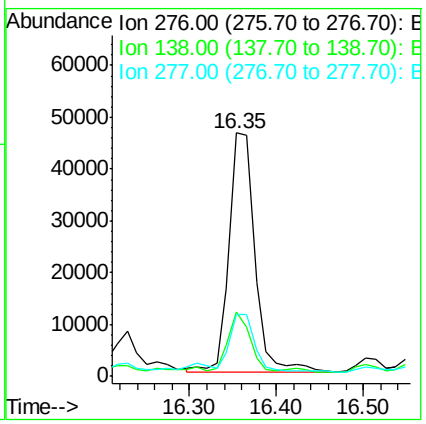
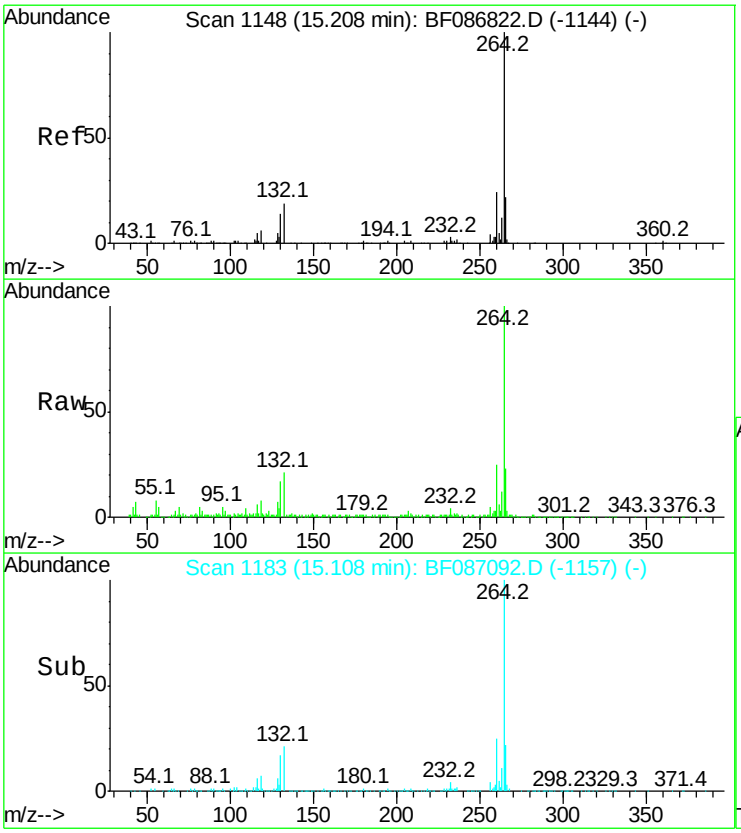
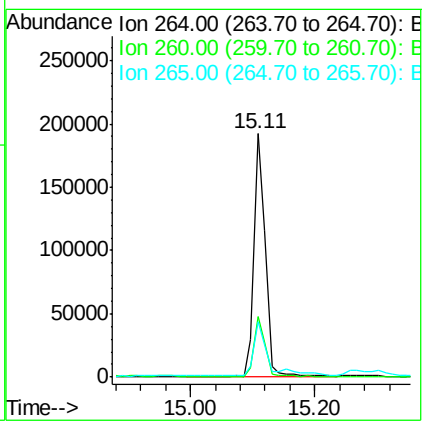


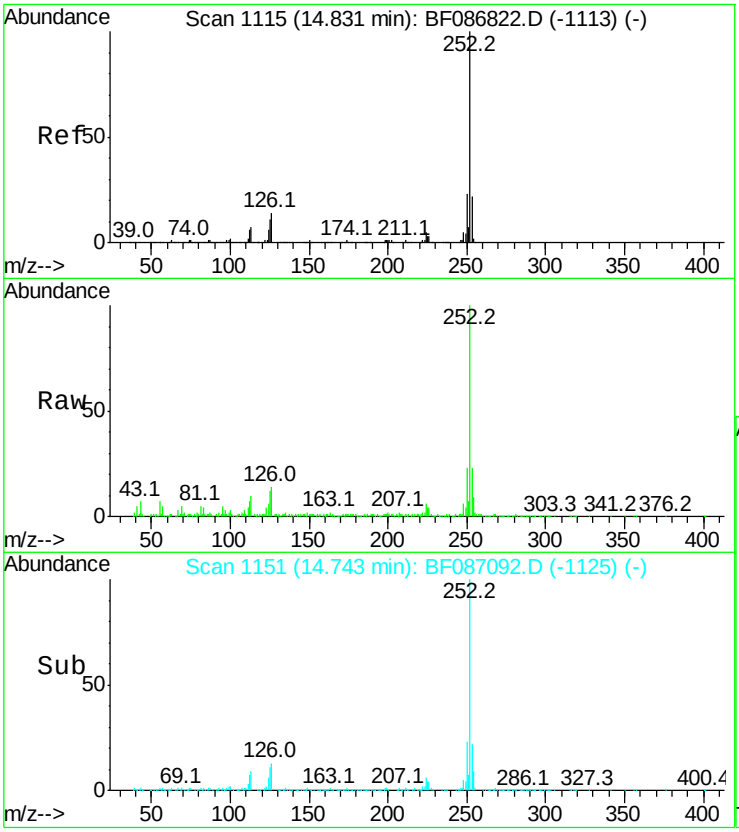


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:264 Resp: 245705

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.7	17.3	25.9

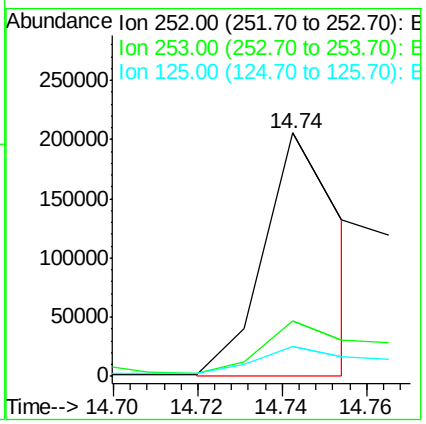




#87
Benzo(b)fluoranthene
Concen: 16.26 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:252 Resp: 259577

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.2	11.4	17.0



Instrument :
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ClientSampleId :
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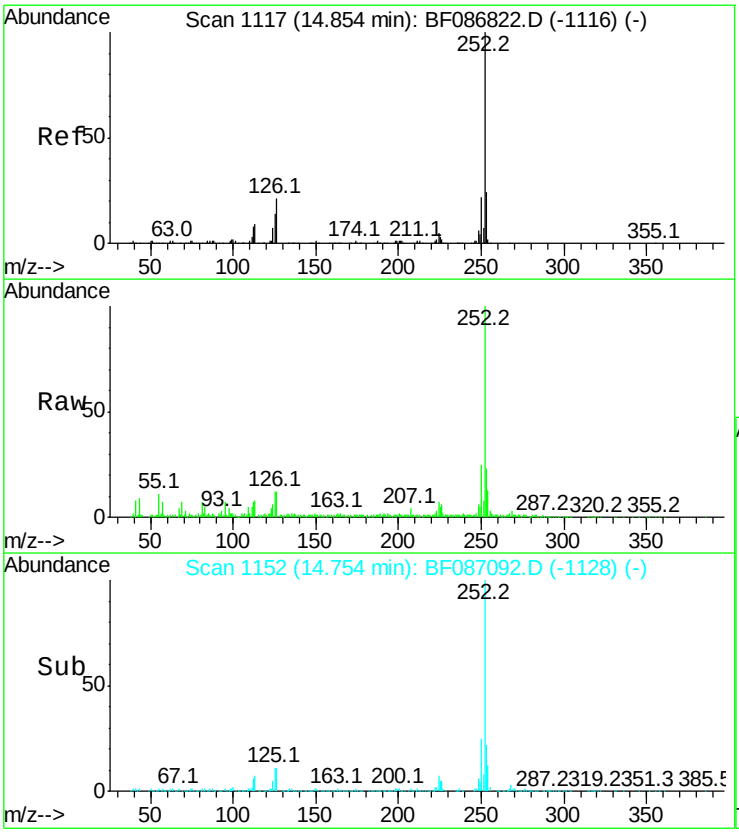
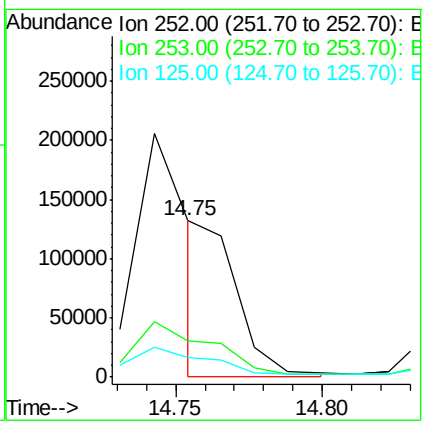
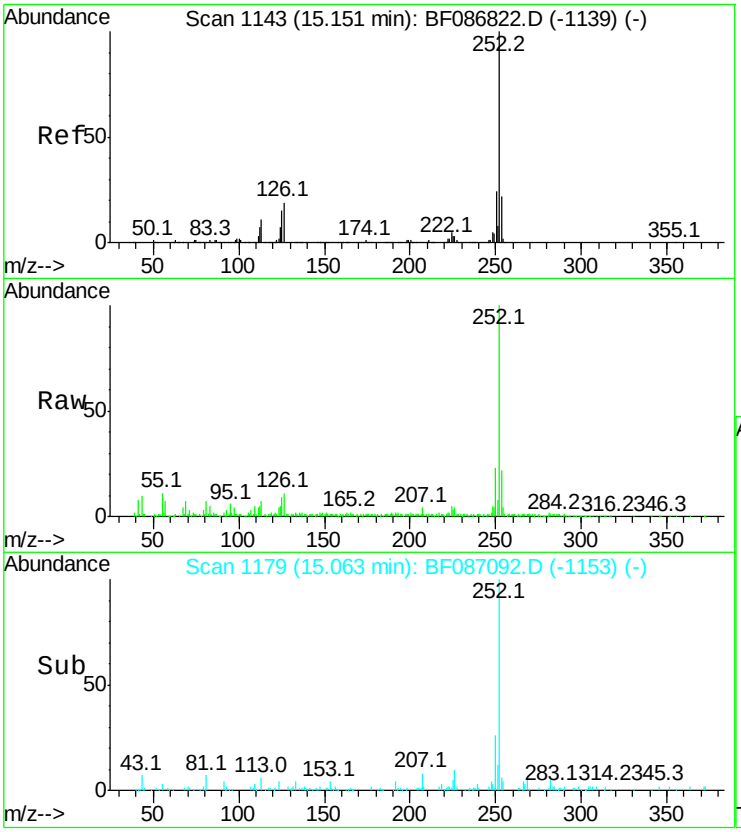


#88
Benzo(k)fluoranthene
Concen: 8.02 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:252 Resp: 104884

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	12.3	9.1	13.7





#89
Benzo(a)pyrene
Concen: 13.25 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:252 Resp: 182445

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.5	9.0	13.6

Instrument :
BNA_F
ClientSampleId :
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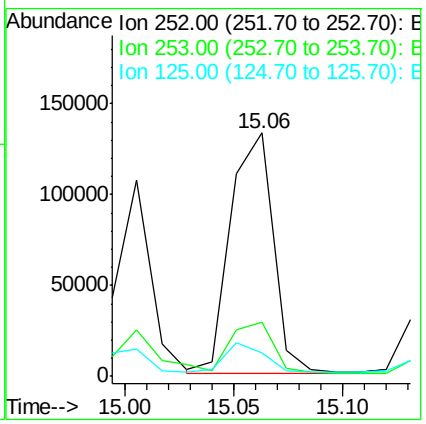
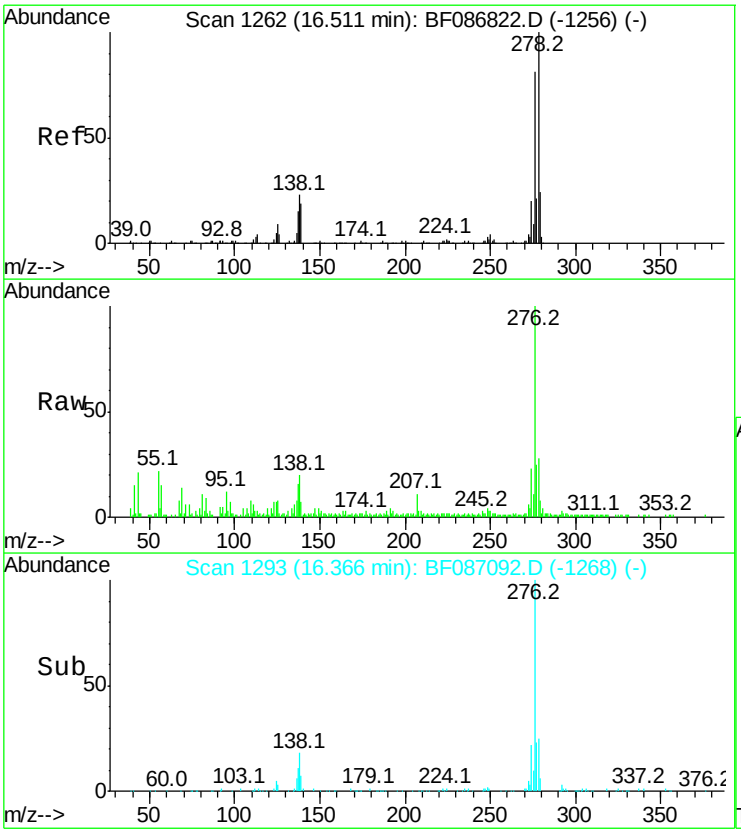
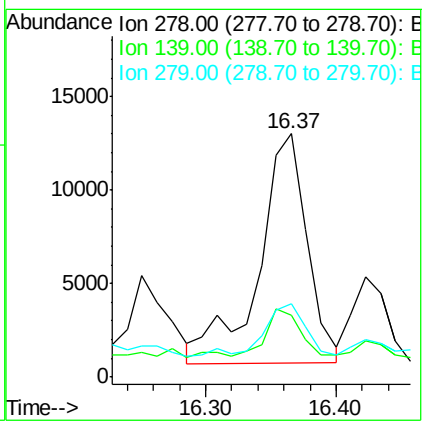


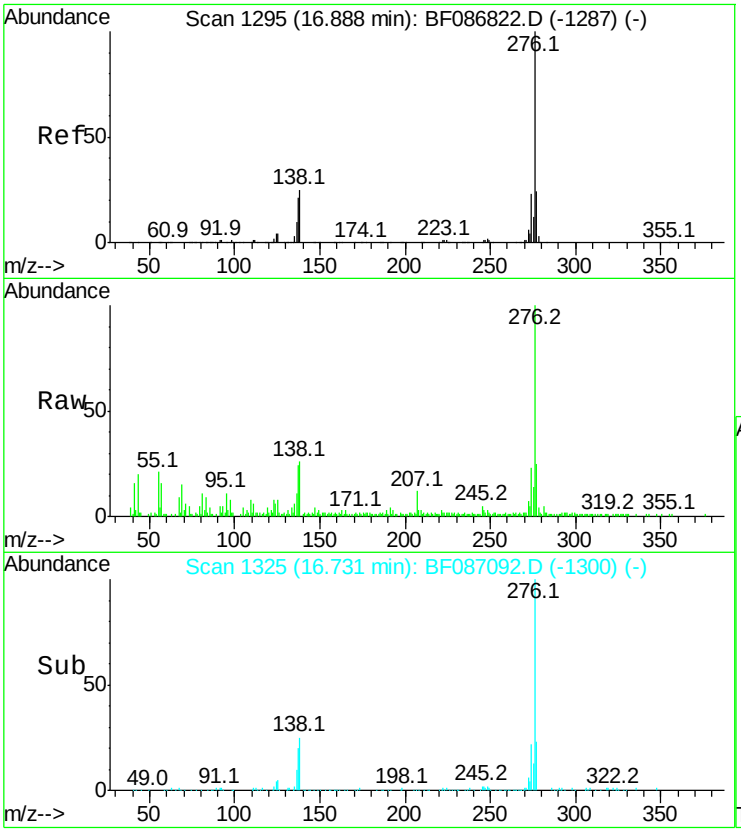


#90
Dibenzo(a,h)anthracene
Concen: 2.75 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:278 Resp: 31945

Ion	Ratio	Lower	Upper
278	100		
139	25.3	16.6	24.8#
279	29.9	19.6	29.4#

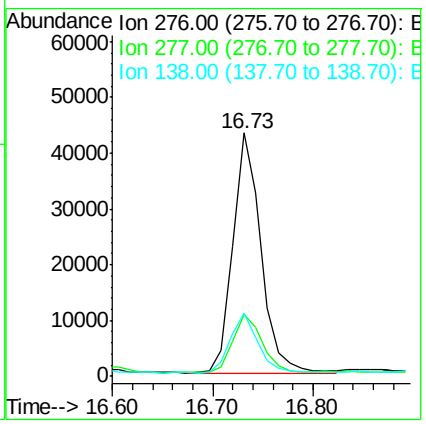




#91
Benzo(g,h,i)perylene
Concen: 7.06 ng
RT: 16.73 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF087092.D
Acq: 16 May 2016 20:22

Tgt Ion:276 Resp: 83219

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	26.2	23.6	35.4



Instrument :
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