Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF021-01

Manual Integrations APPROVED
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11/21/2016 3:39:34 PM

Quant Time: Nov 18 23:10:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	152521	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	652501	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	337709	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	551349	20.00	ng		0.00
75) Chrysene-d12	13.76	240	409351	20.00	ng		-0.01
86) Perylene-d12	15.13	264	355344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	938358	101.61	ng		0.01
7) Phenol-d6	6.27	99	1267971	101.16	ng		0.00
23) Nitrobenzene-d5	7.18	82	751283	62.81	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	355106	116.31	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1371401	69.91	ng		0.00
78) Terphenyl-d14	12.72	244	1361392	82.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.28	94	72126	5.20	ng	#	52
49) Dimethylphthalate	9.38	163	93304	4.21	ng		97
70) Phenanthrene	11.15	178	150563	5.14	ng		97
74) Fluoranthene	12.33	202	198798	6.54	ng		98
77) Pyrene	12.56	202	235241	8.77	ng		98
80) Benzo(a)anthracene	13.75	228	93635	4.03	ng		98
82) Chrysene	13.78	228	65491	2.86	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	39758	2.29	ng	#	96
87) Benzo(b)fluoranthene	14.76	252	77735m	3.23	ng		
89) Benzo(a)pyrene	15.07	252	56537	2.69	ng	#	91
91) Benzo(g,h,i)perylene	16.77	276	39459	2.41	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091243.D
Acq On : 18 Nov 2016 19:56
Operator : UM/SJ
Sample : H5700-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 18 23:10:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

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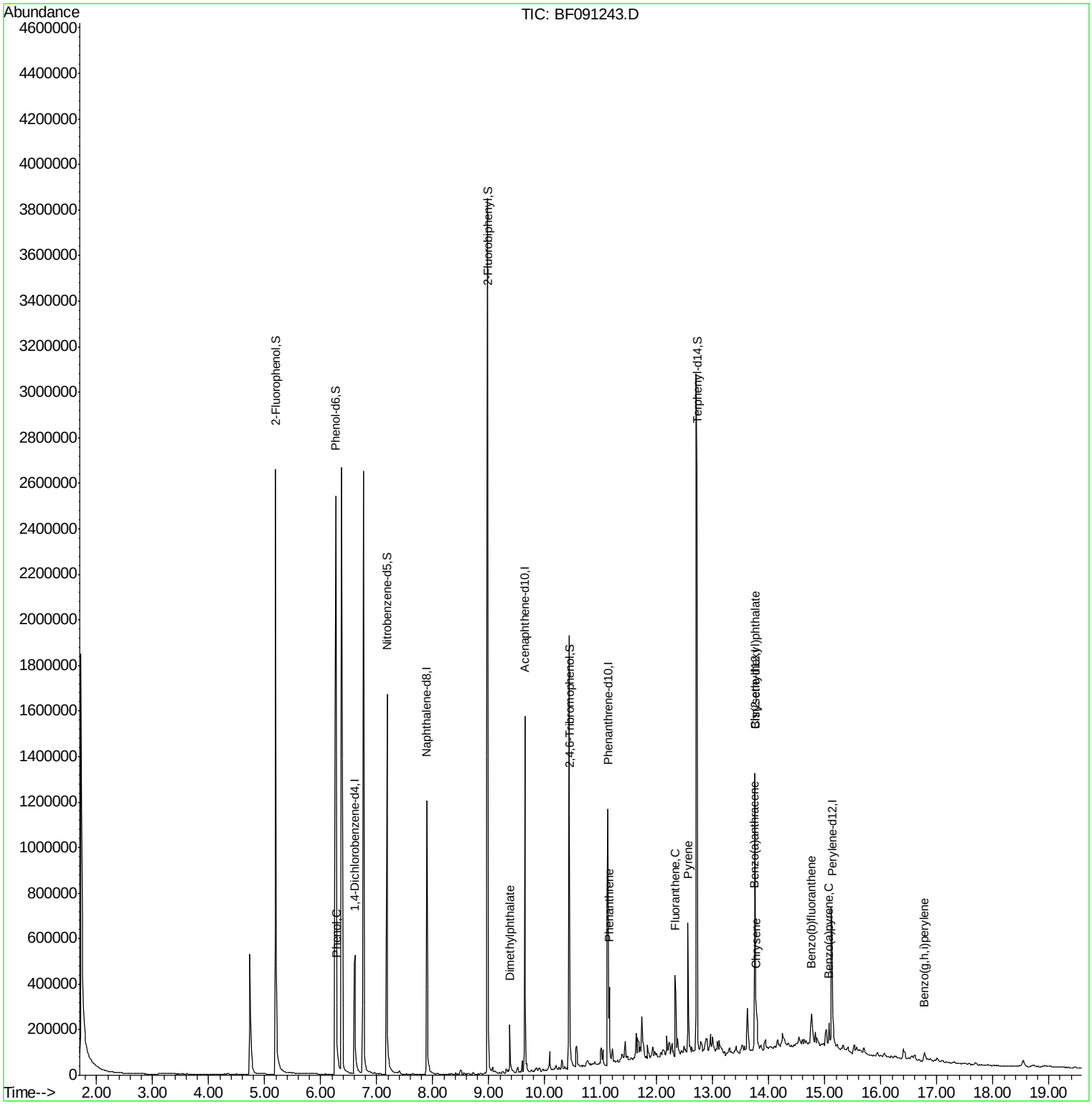
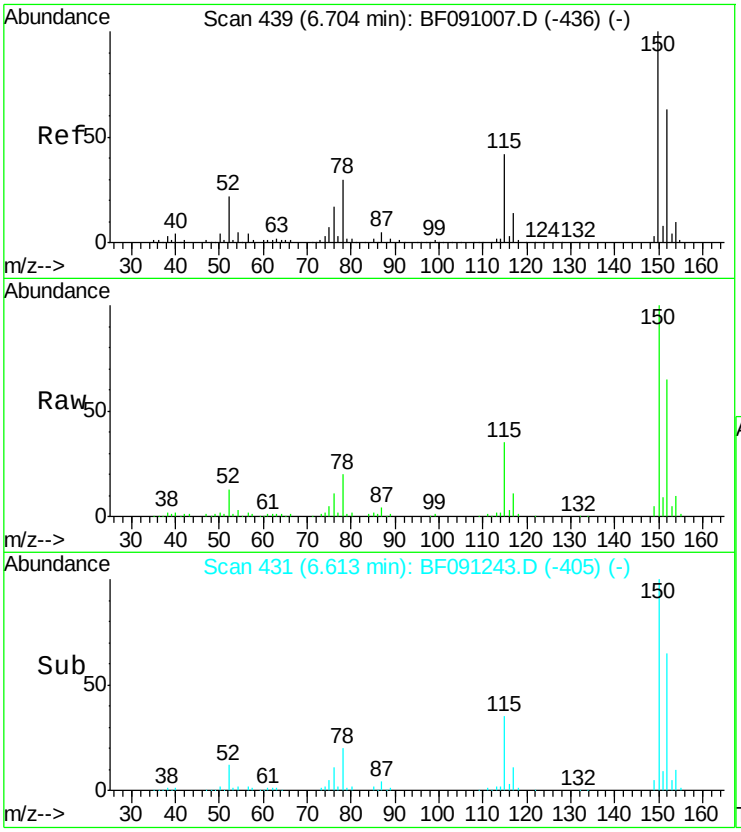
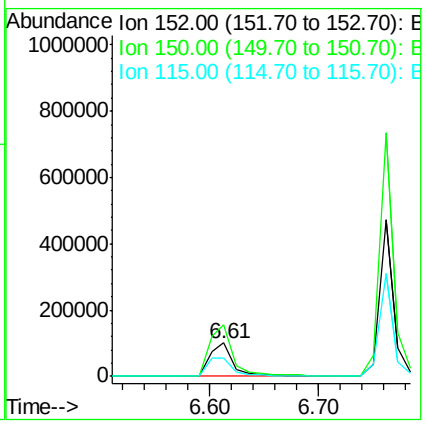




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:152 Resp: 152521

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.8	190.2
115	53.6	53.3	79.9



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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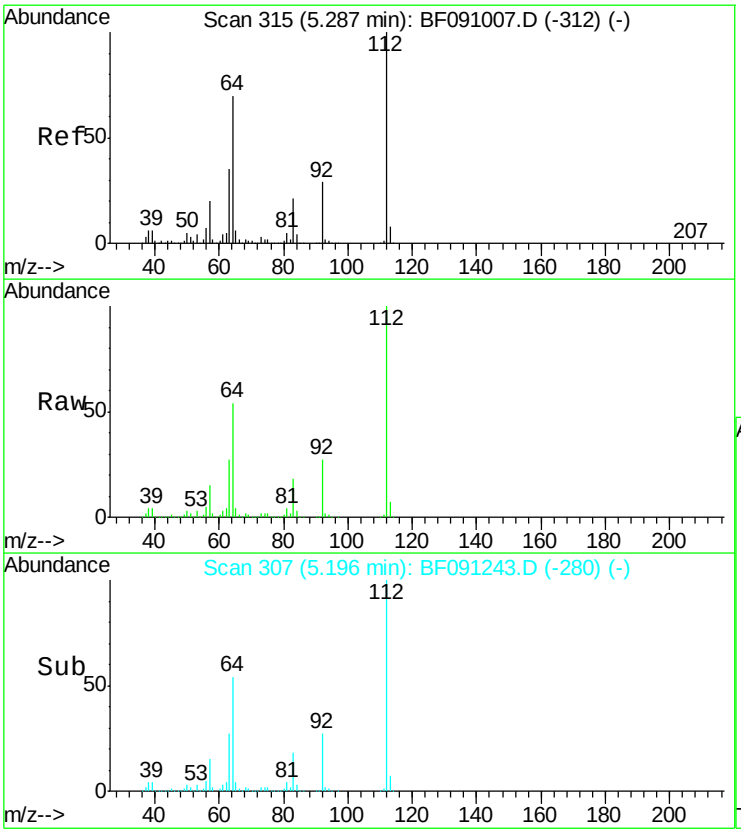
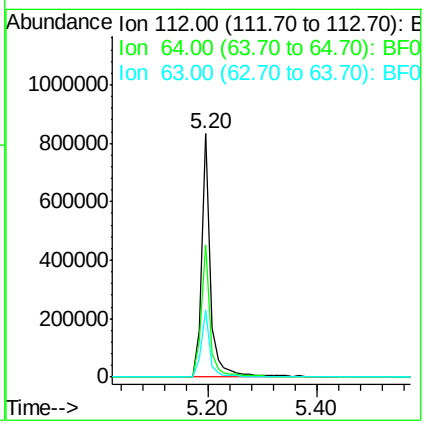
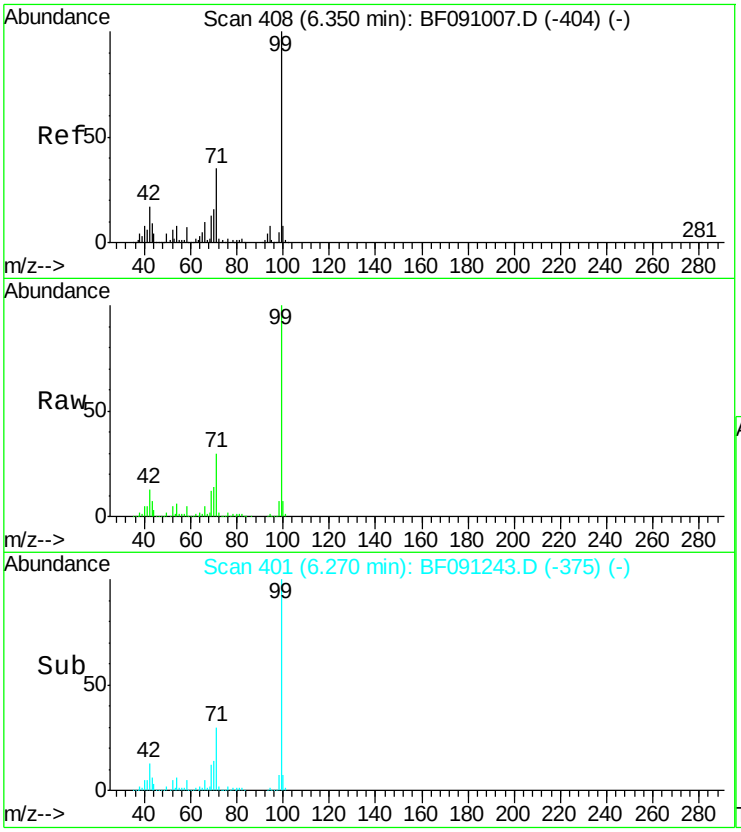


#5
2-Fluorophenol
Concen: 101.61 ng
RT: 5.20 min Scan# 307
Delta R.T. 0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:112 Resp: 938358

Ion	Ratio	Lower	Upper
112	100		
64	54.2	55.8	83.6#
63	27.3	28.0	42.0#

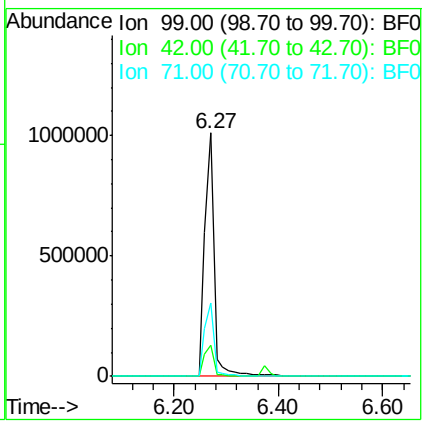




#7
Phenol-d6
Concen: 101.16 ng
RT: 6.27 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion: 99 Resp: 1267971

Ion	Ratio	Lower	Upper
99	100		
42	12.8	13.9	20.9#
71	30.2	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

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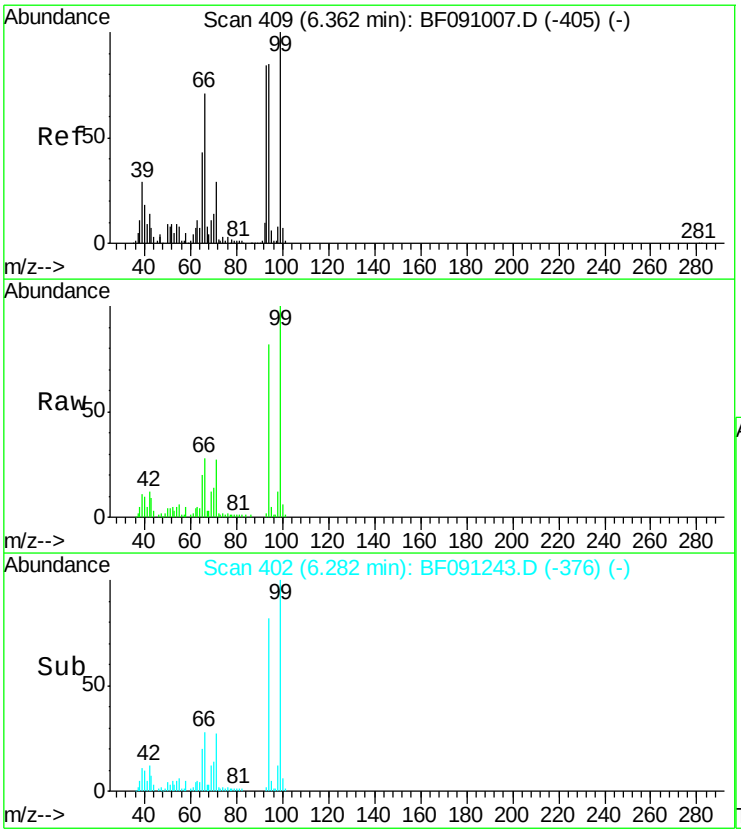
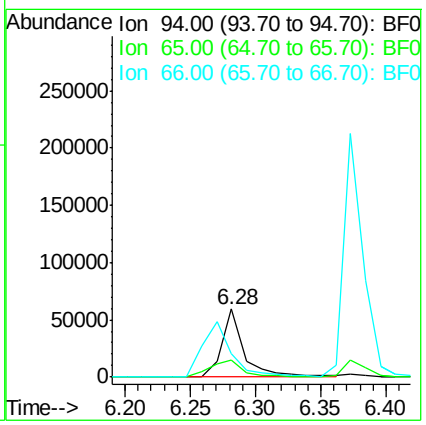
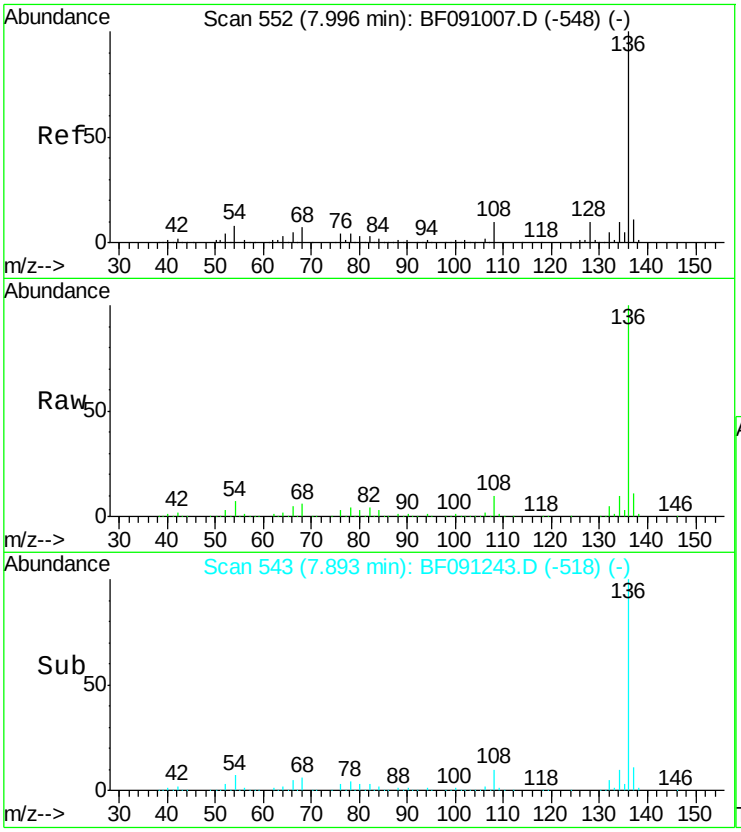


#10
Phenol
Concen: 5.20 ng
RT: 6.28 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion: 94 Resp: 72126

Ion	Ratio	Lower	Upper
94	100		
65	24.6	30.4	70.4#
66	34.4	62.9	102.9#

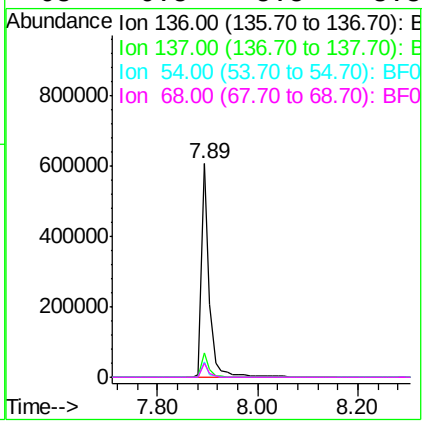




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:136 Resp: 652501

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.2	9.2
68	6.5	5.5	8.3



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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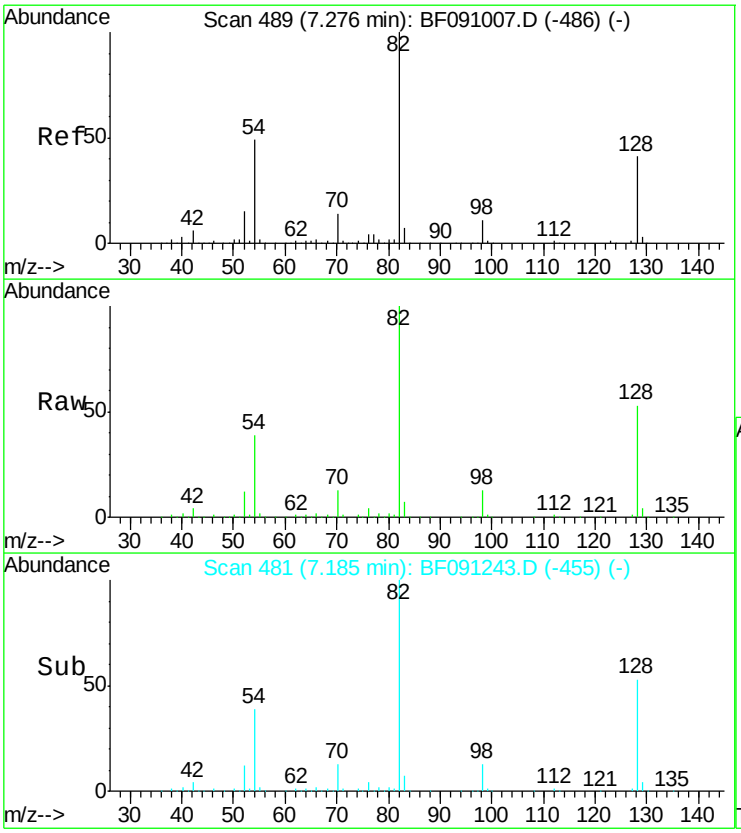
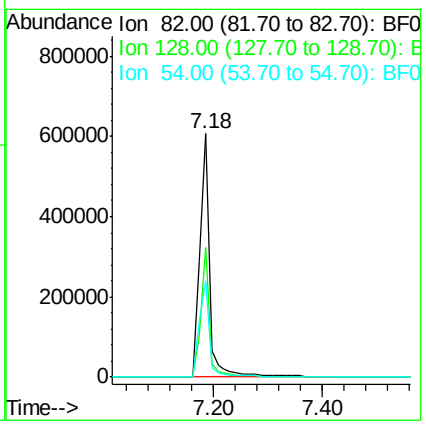
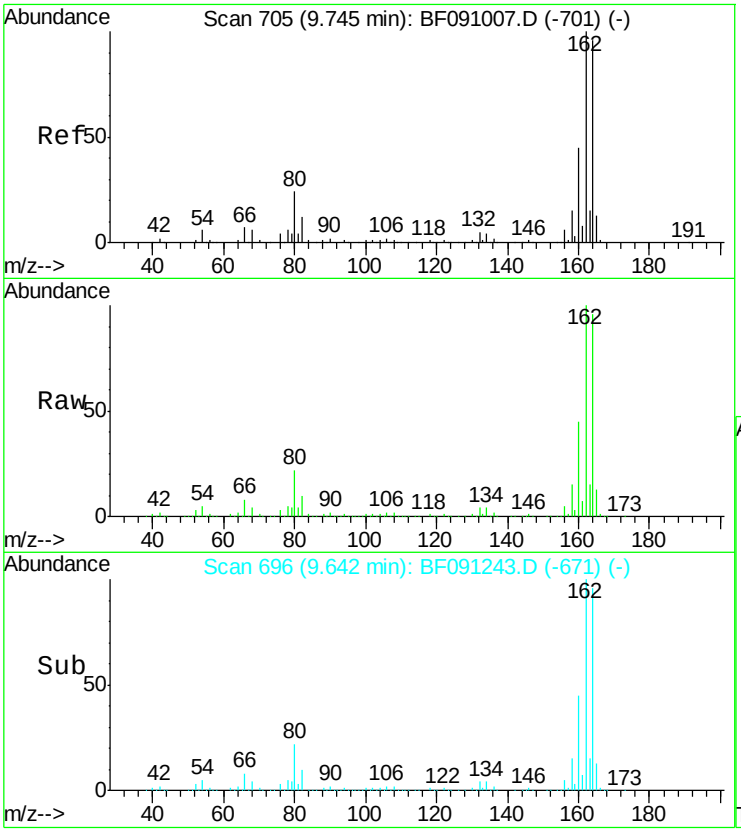


#23
Nitrobenzene-d5
Concen: 62.81 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion: 82 Resp: 751283

Ion	Ratio	Lower	Upper
82	100		
128	53.1	32.4	48.6#
54	39.5	39.2	58.8

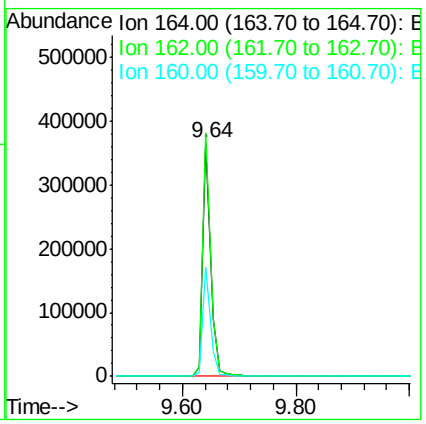




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:164 Resp: 337709

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.6	125.4
160	46.8	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

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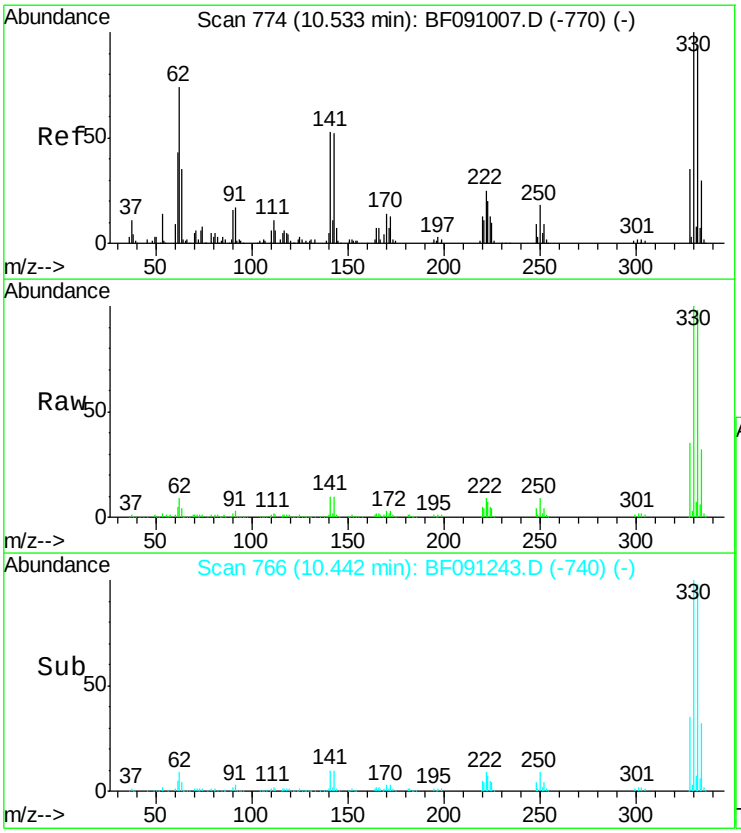
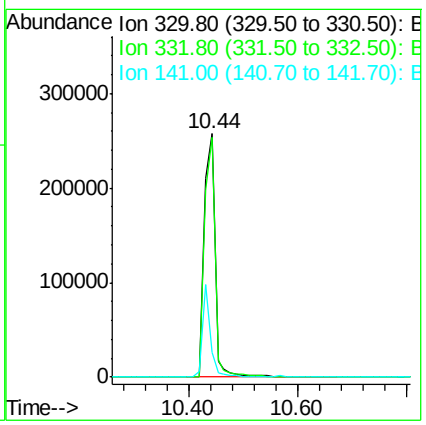
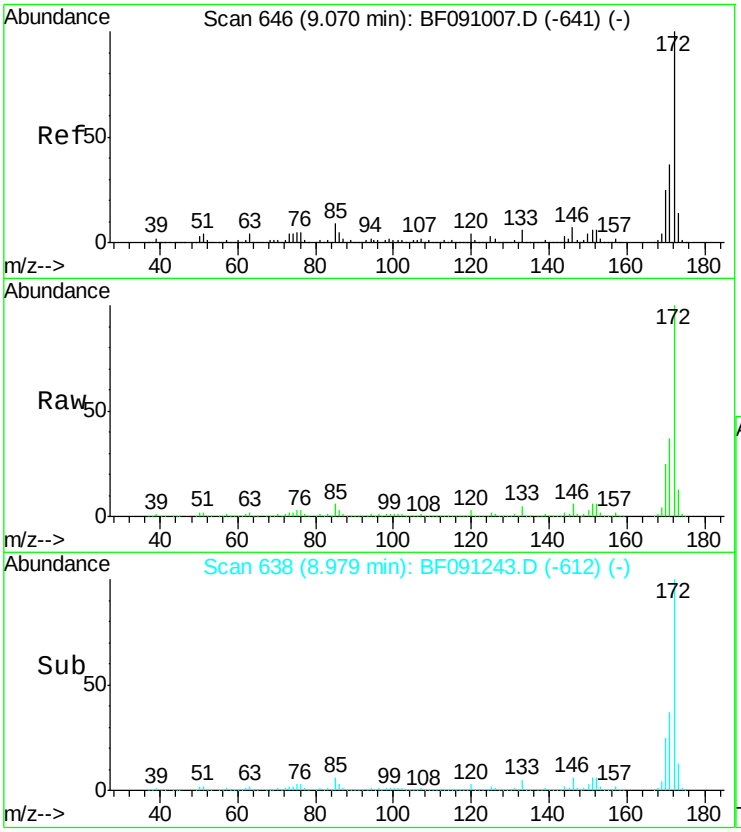


#41
2,4,6-Tribromophenol
Concen: 116.31 ng
RT: 10.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:330 Resp: 355106

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	28.1	36.1	54.1#

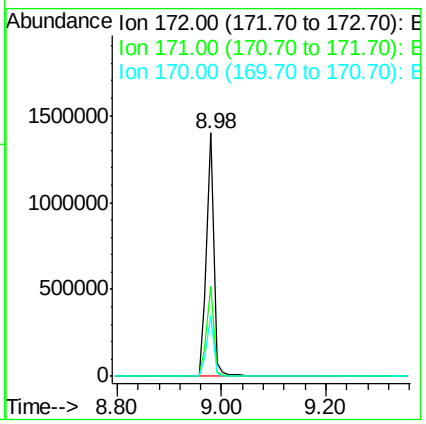




#44
2-Fluorobiphenyl
Concen: 69.91 ng
RT: 8.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:172 Resp: 1371401

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.8	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

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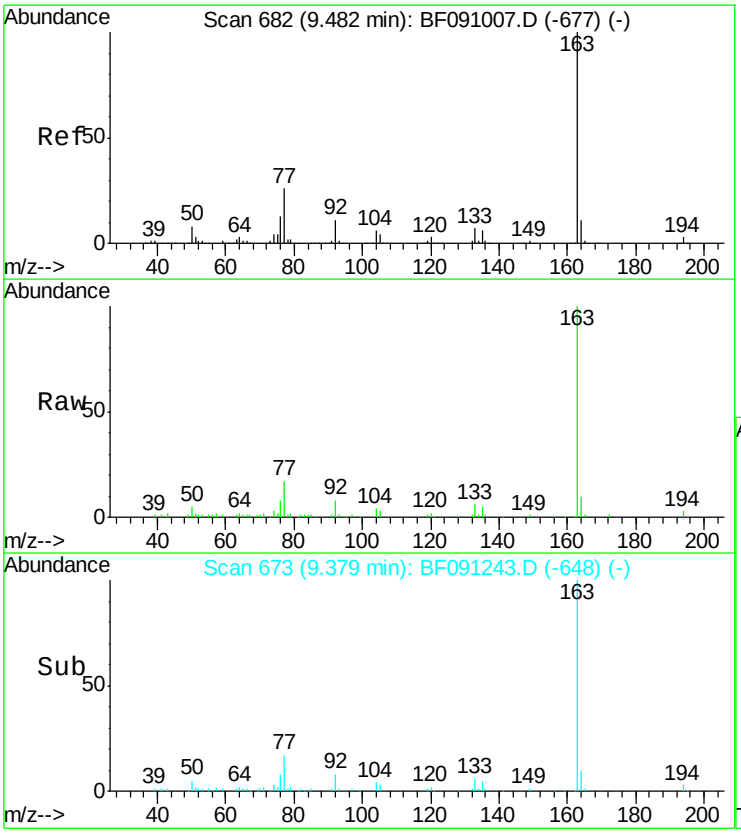
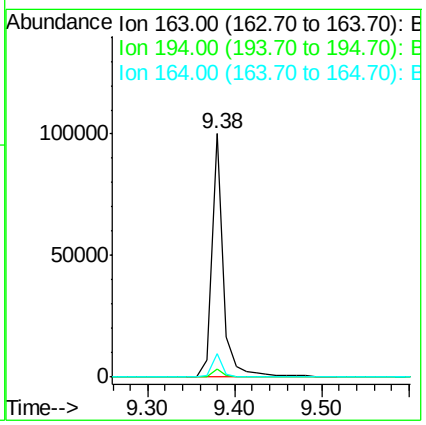
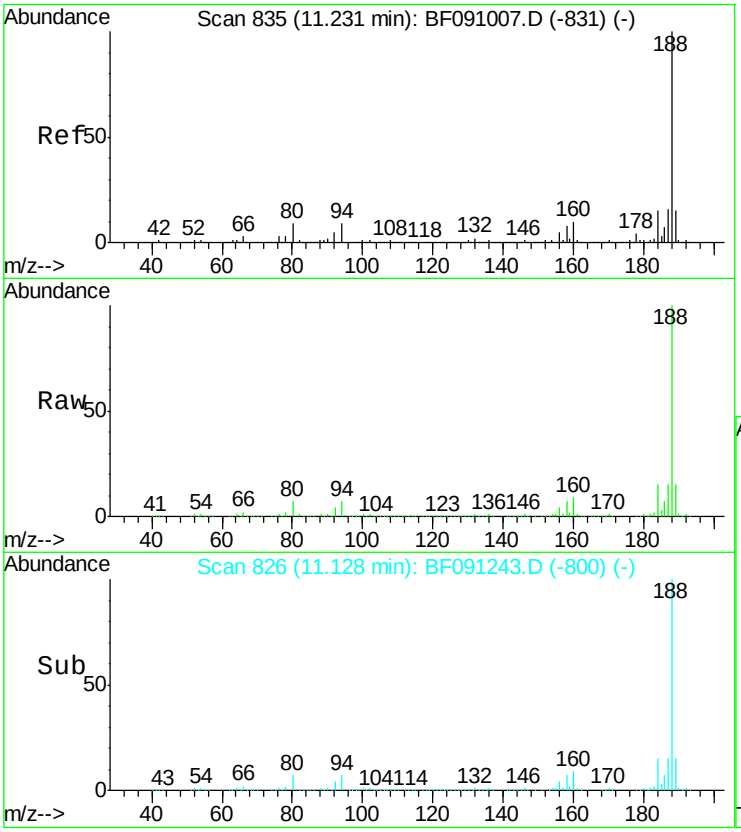


#49
Dimethylphthalate
Concen: 4.21 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:163 Resp: 93304

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.7	13.1

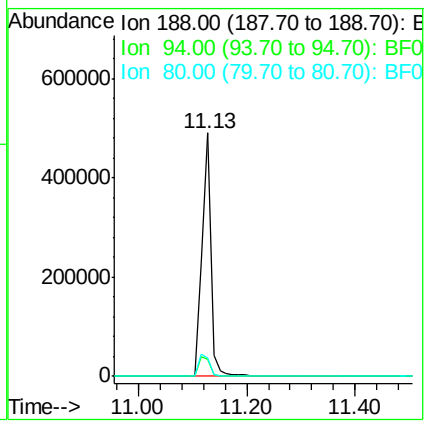




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:188 Resp: 551349

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.0	10.4
80	7.4	7.5	11.3#



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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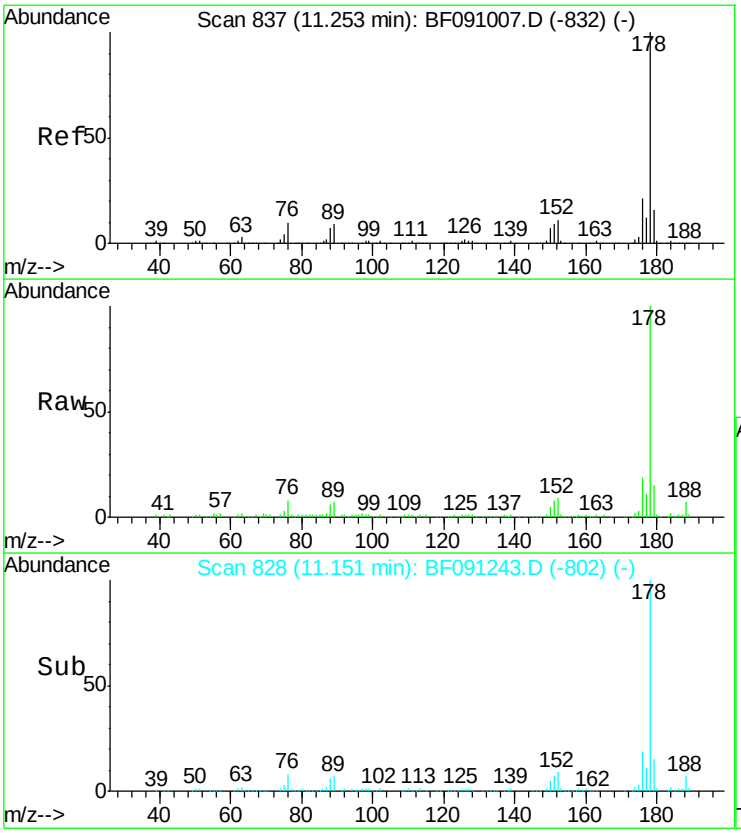
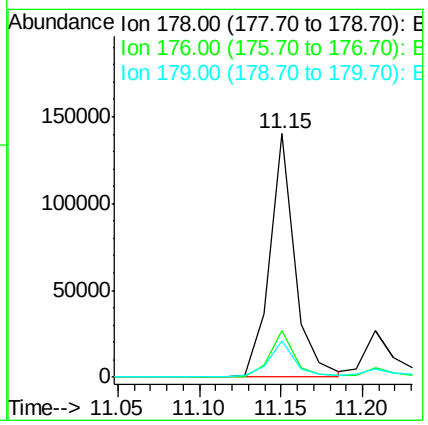
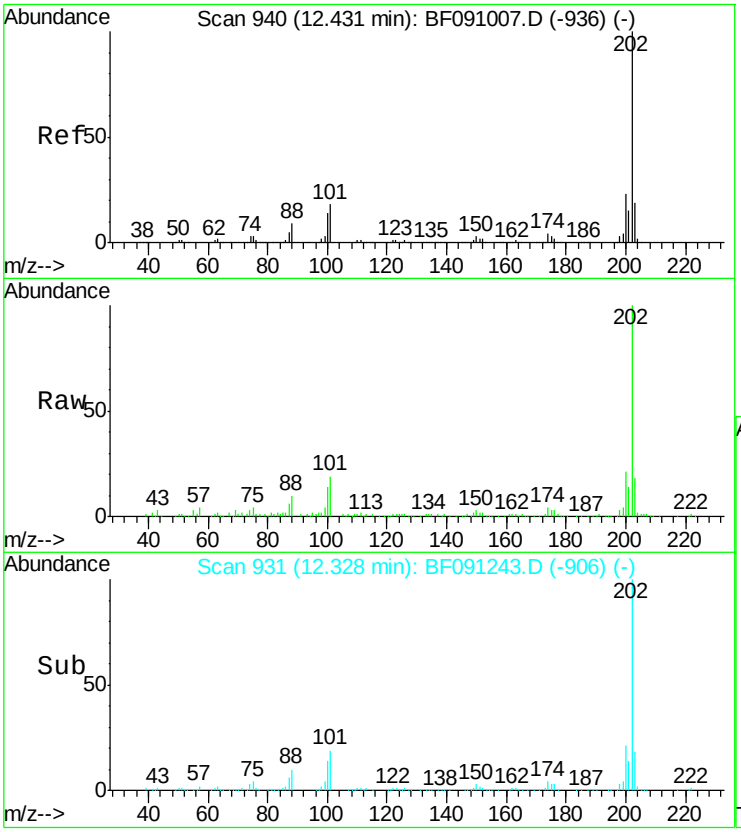


#70
Phenanthrene
Concen: 5.14 ng
RT: 11.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:178 Resp: 150563

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	15.0	12.9	19.3

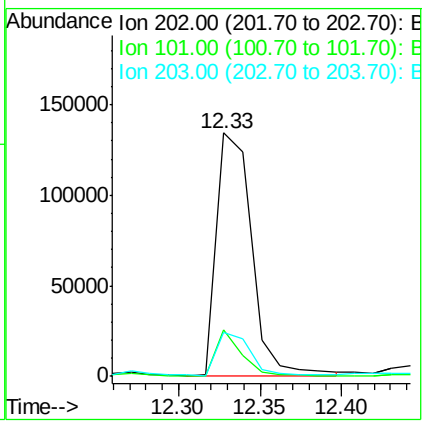




#74
Fluoranthene
Concen: 6.54 ng
RT: 12.33 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:202 Resp: 198798

Ion	Ratio	Lower	Upper
202	100		
101	19.0	0.0	37.6
203	17.9	0.0	38.6



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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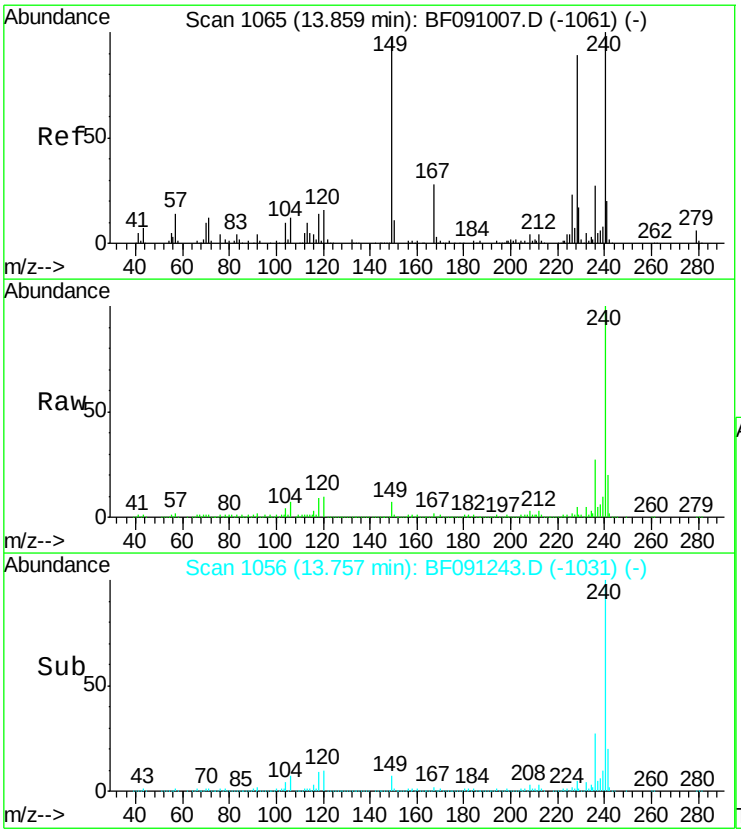
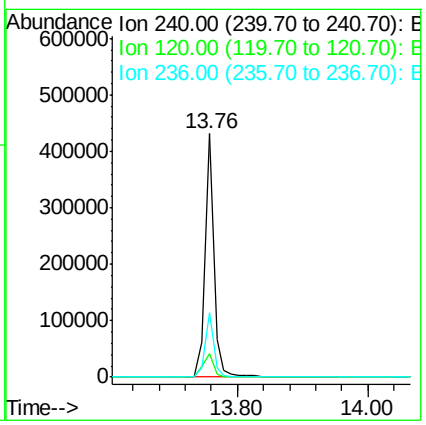
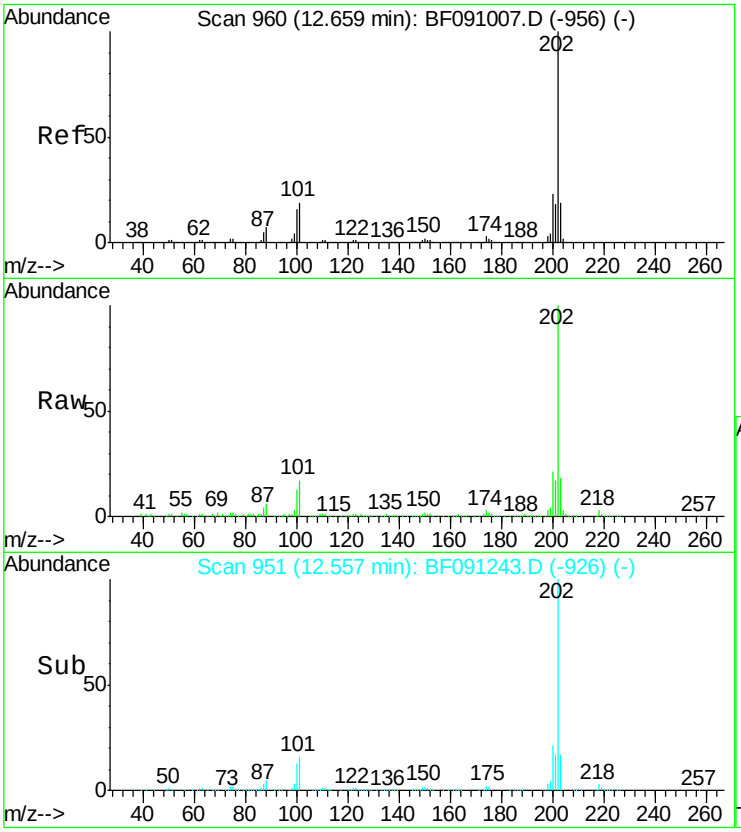


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:240 Resp: 409351

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.9	19.3#
236	26.7	21.9	32.9

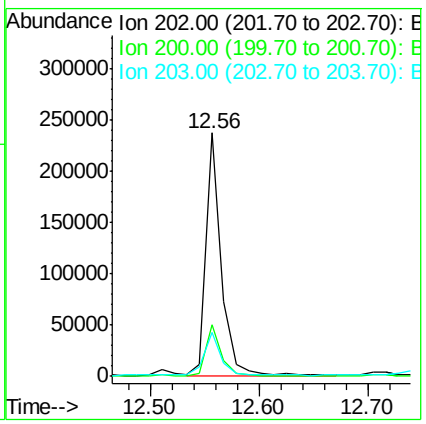




#77
Pyrene
Concen: 8.77 ng
RT: 12.56 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:202 Resp: 235241

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.4	27.6
203	18.1	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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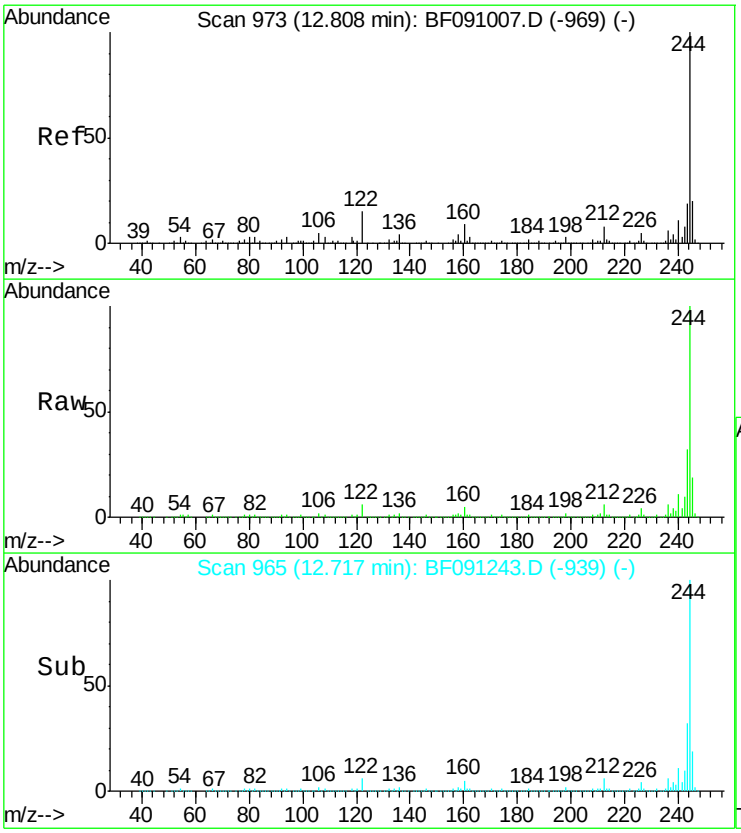
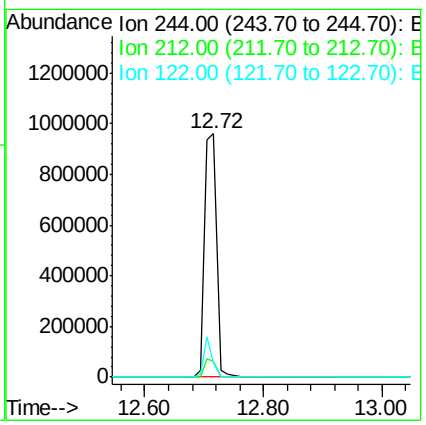
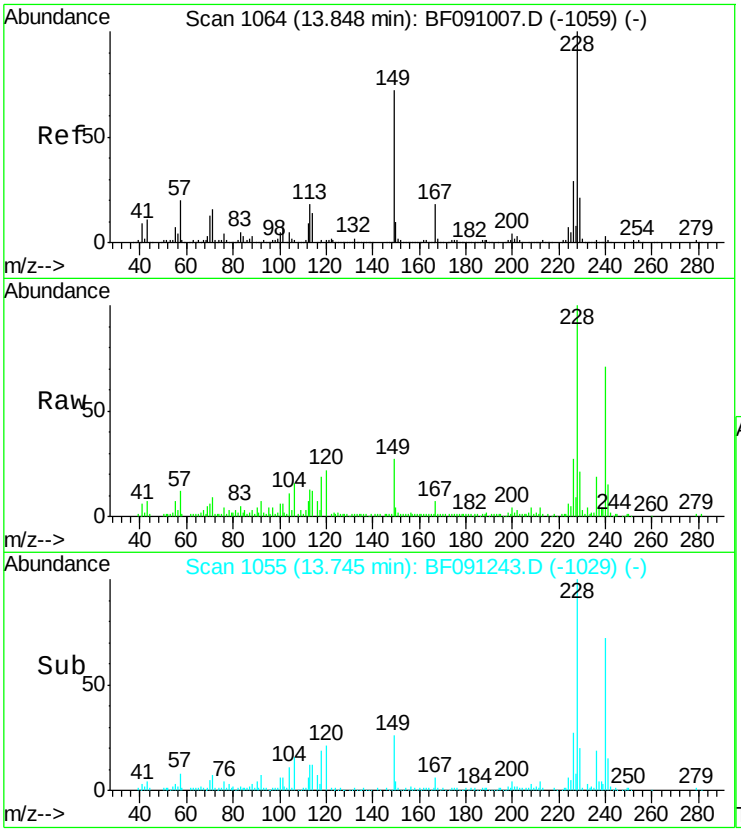


#78
Terphenyl-d14
Concen: 82.99 ng
RT: 12.72 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:244 Resp: 1361392

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.4	9.6#
122	5.8	12.3	18.5#

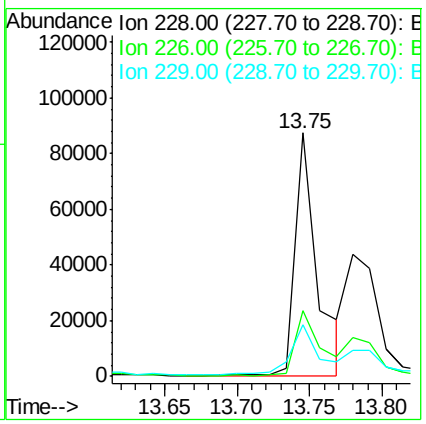




#80
Benzo(a)anthracene
Concen: 4.03 ng
RT: 13.75 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:228 Resp: 93635

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.6
229	20.9	16.6	24.8



Instrument :
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ClientSampleId :
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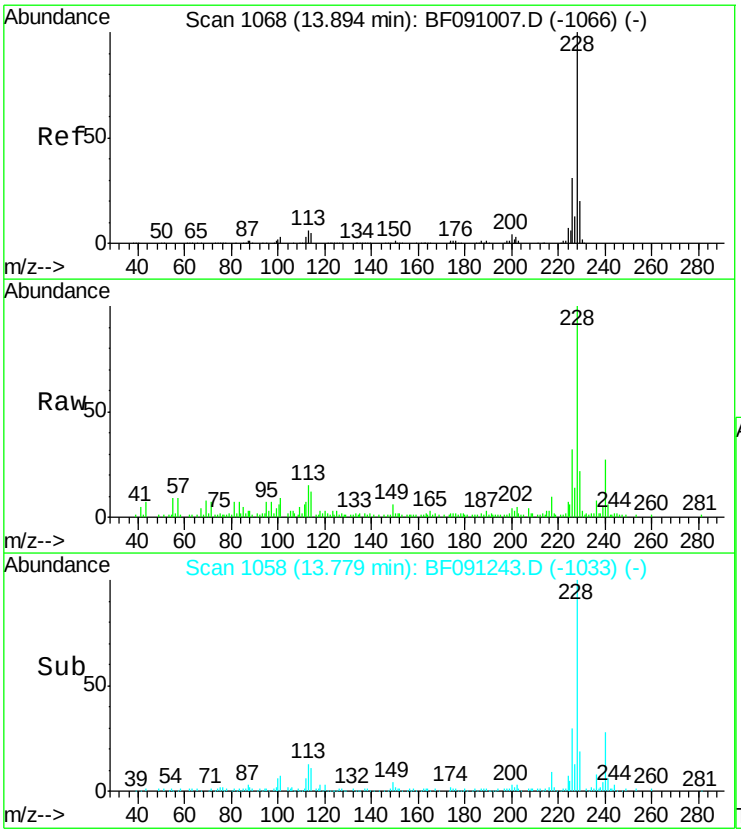
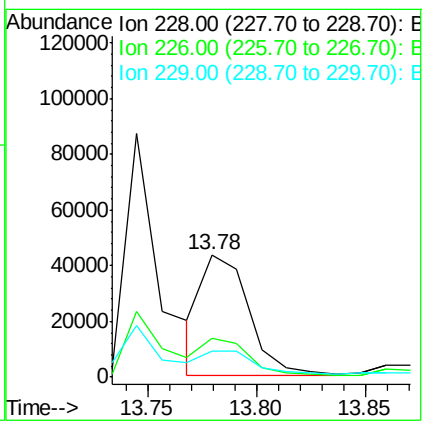
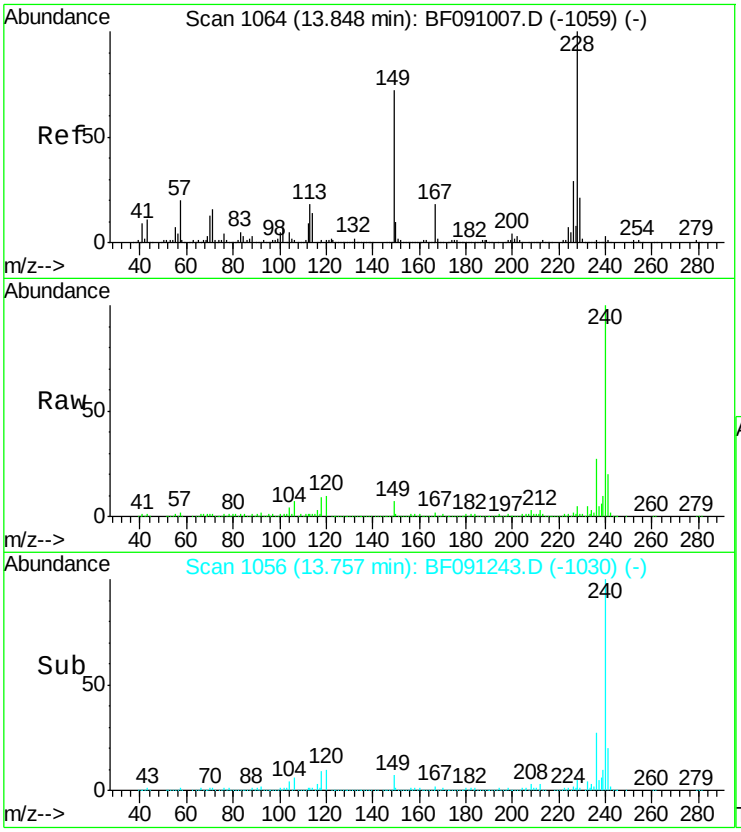


#82
Chrysene
Concen: 2.86 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:228 Resp: 65491

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.7	15.9	23.9





#83
Bis(2-ethylhexyl)phthalate
Concen: 2.29 ng
RT: 13.76 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:149 Resp: 39758

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.4	30.6
279	4.9	1.6	2.4#

Instrument :
BNA_F
ClientSampleId :
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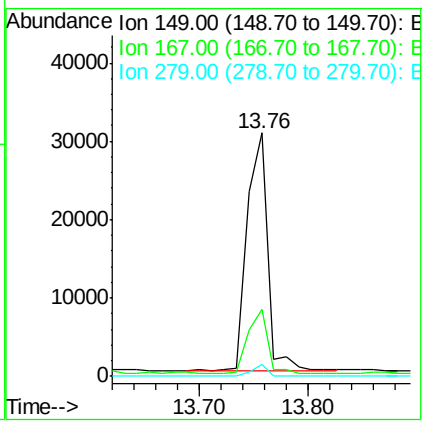
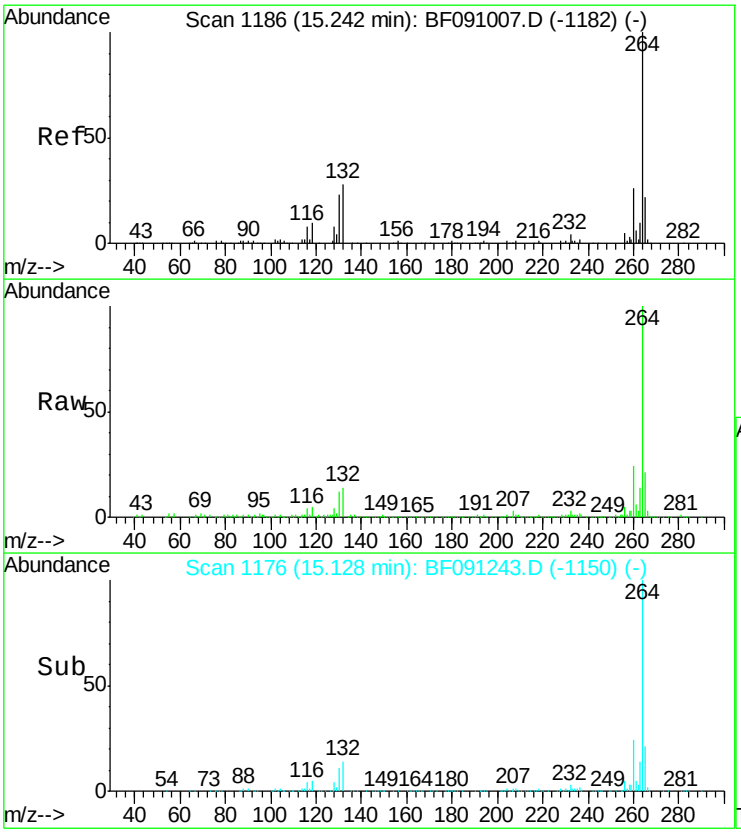
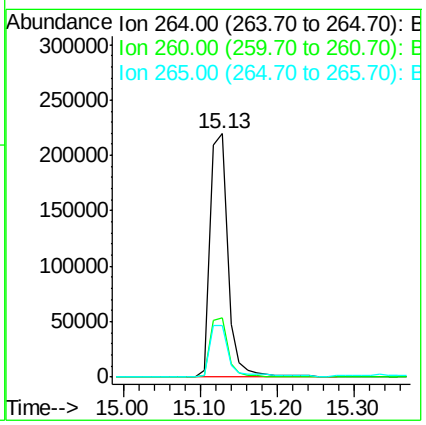


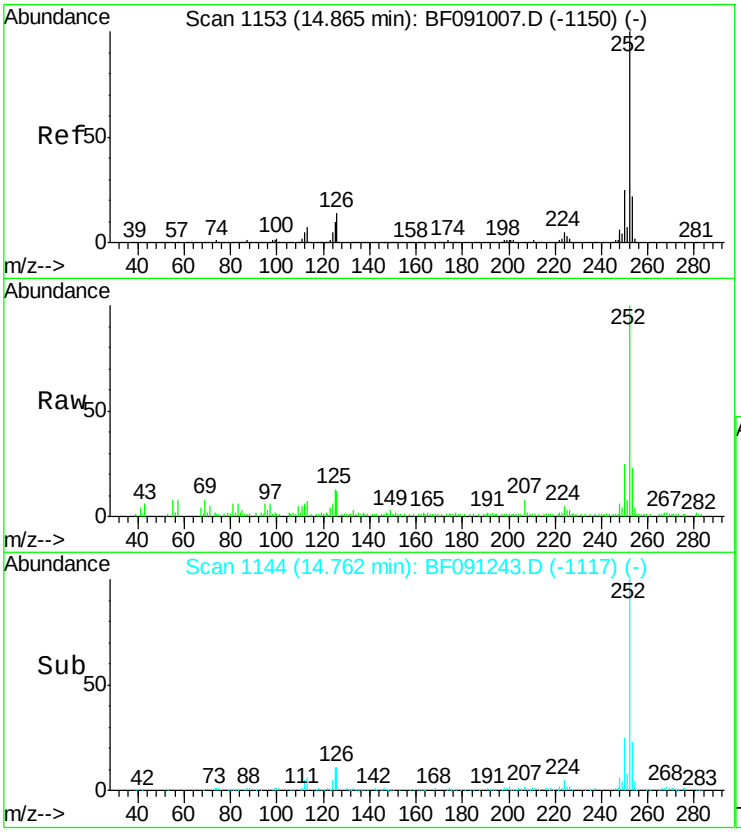


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:264 Resp: 355344

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	21.0	17.8	26.8

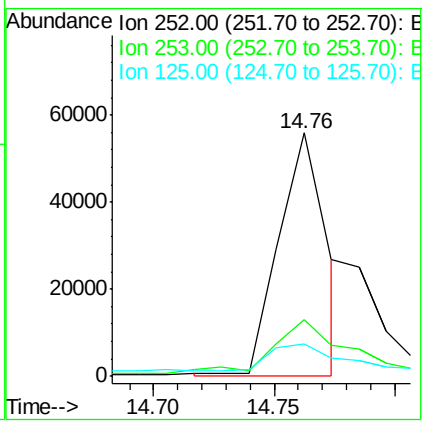




#87
Benzo(b)fluoranthene
Concen: 3.23 ng m
RT: 14.76 min Scan# 1144
Delta R.T. 0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:252 Resp: 77735

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	13.3	8.3	12.5#



Instrument :
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ClientSampleId :
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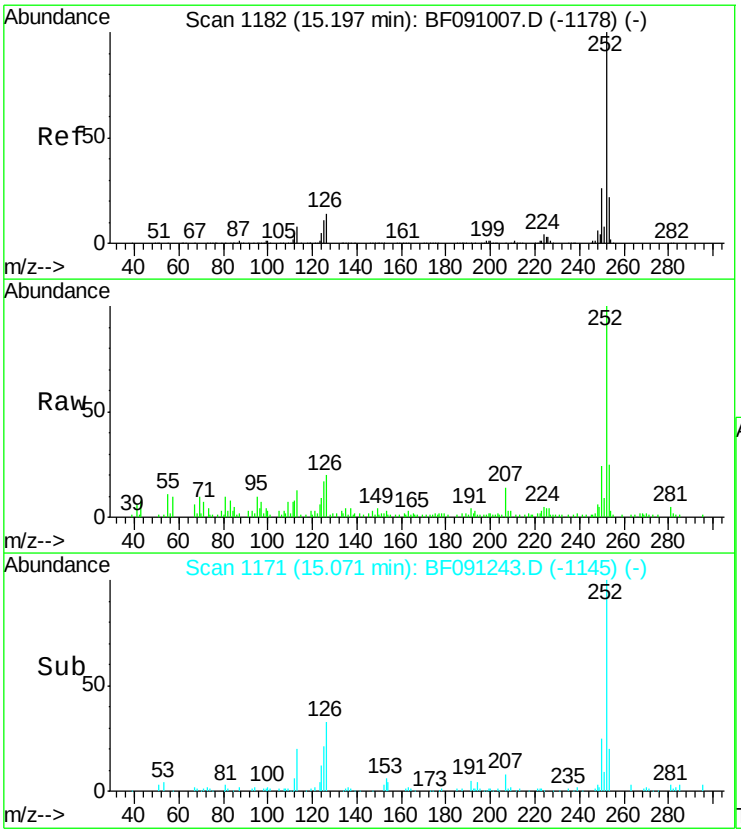
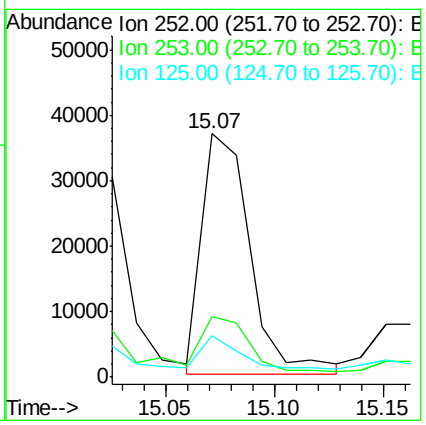
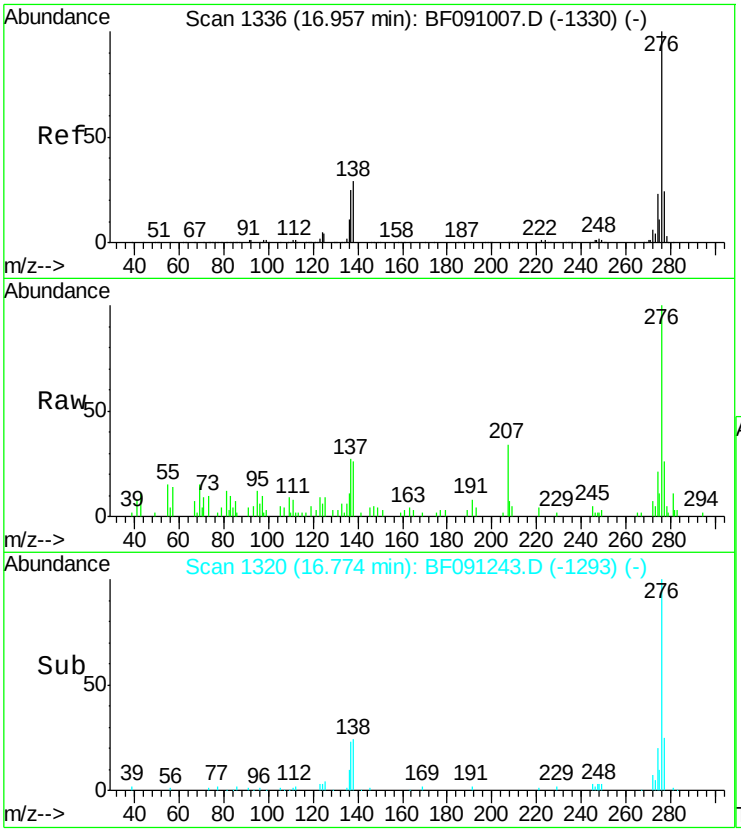


#89
Benzo(a)pyrene
Concen: 2.69 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:252 Resp: 56537

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	17.2	8.6	13.0#

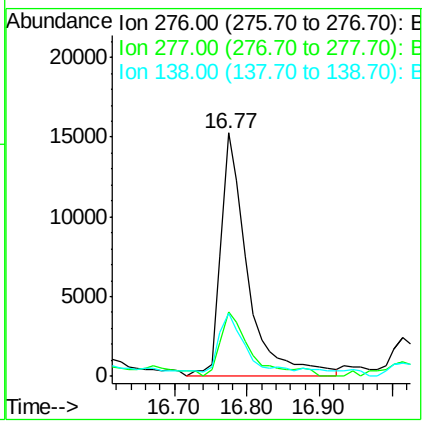




#91
Benzo(g,h,i)perylene
Concen: 2.41 ng
RT: 16.77 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF091243.D
Acq: 18 Nov 2016 19:56

Tgt Ion:276 Resp: 39459

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.2	28.8
138	25.9	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
V001-BF021-01

Manual Integrations APPROVED
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