Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092241.D
Acq On : 13 Jan 2017 11:24
Operator : UM/SJ
Sample : I1131-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-001

Manual Integrations APPROVED
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1/16/2017 8:38:36 AM

Quant Time: Jan 13 13:09:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 12:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	185770	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	648541	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	322691	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	507214	20.00	ng		0.00
75) Chrysene-d12	13.72	240	339574	20.00	ng		-0.01
86) Perylene-d12	15.08	264	322843	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1427205	128.28	ng		0.01
7) Phenol-d6	6.26	99	1791828	131.91	ng		0.00
23) Nitrobenzene-d5	7.16	82	802941	68.84	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	345959	129.55	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	1343049	85.33	ng		0.00
78) Terphenyl-d14	12.68	244	979243	69.94	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.27	94	97232	6.28	ng	#	66
49) Dimethylphthalate	9.35	163	293108	14.20	ng		99
70) Phenanthrene	11.12	178	300918	10.94	ng		95
71) Anthracene	11.17	178	82452	2.05	ng		96
74) Fluoranthene	12.30	202	473372	17.26	ng		96
77) Pyrene	12.53	202	403747	16.21	ng		97
80) Benzo(a)anthracene	13.72	228	184078	9.60	ng	#	92
82) Chrysene	13.75	228	147641m	7.68	ng		
85) Indeno(1,2,3-cd)pyrene	16.33	276	101815	6.11	ng		95
87) Benzo(b)fluoranthene	14.73	252	243299m	12.10	ng		
88) Benzo(k)fluoranthene	14.74	252	36685m	2.14	ng		
89) Benzo(a)pyrene	15.03	252	154961m	8.69	ng		
91) Benzo(g,h,i)perylene	16.69	276	84792	5.56	ng	#	95

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

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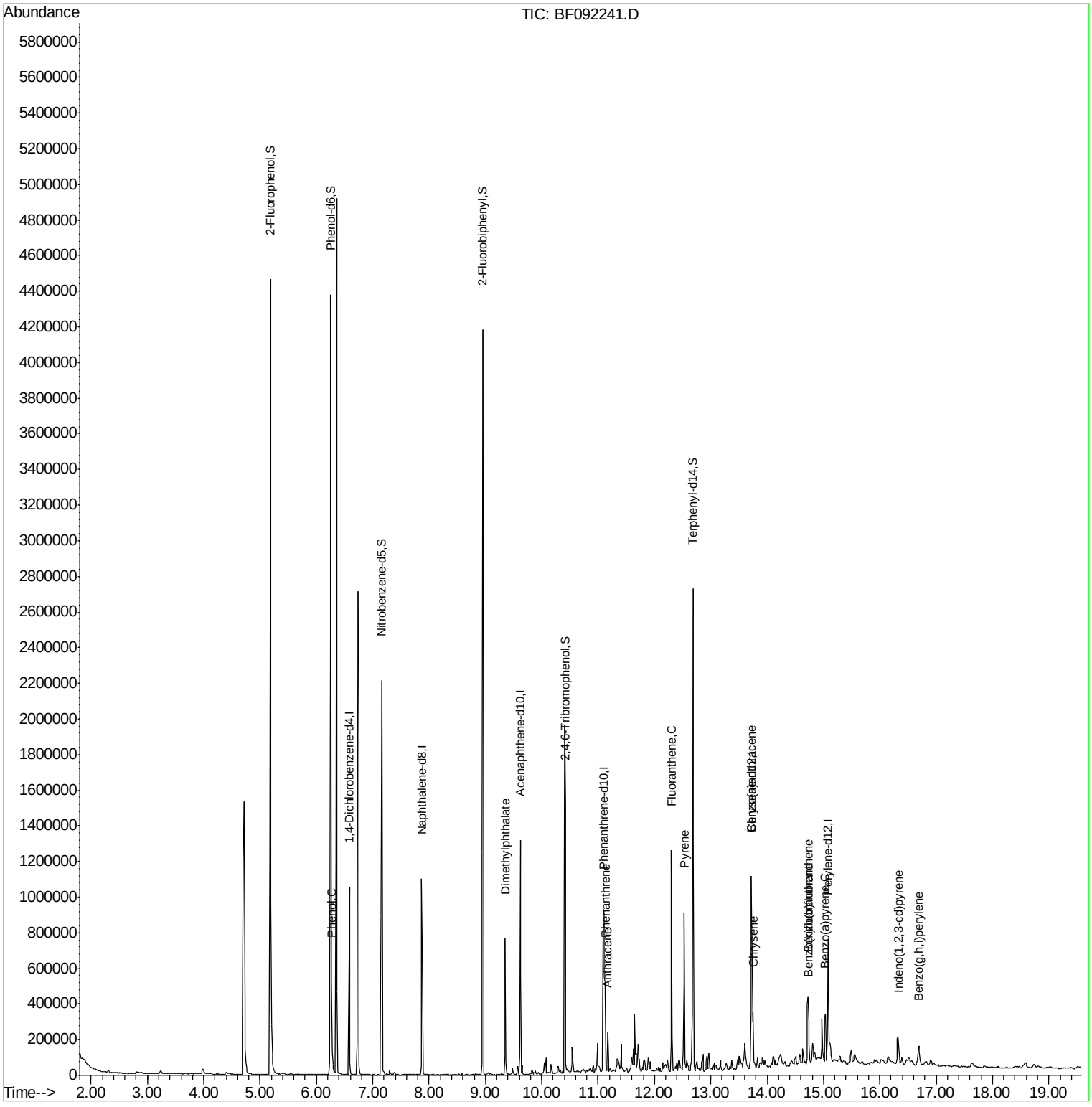
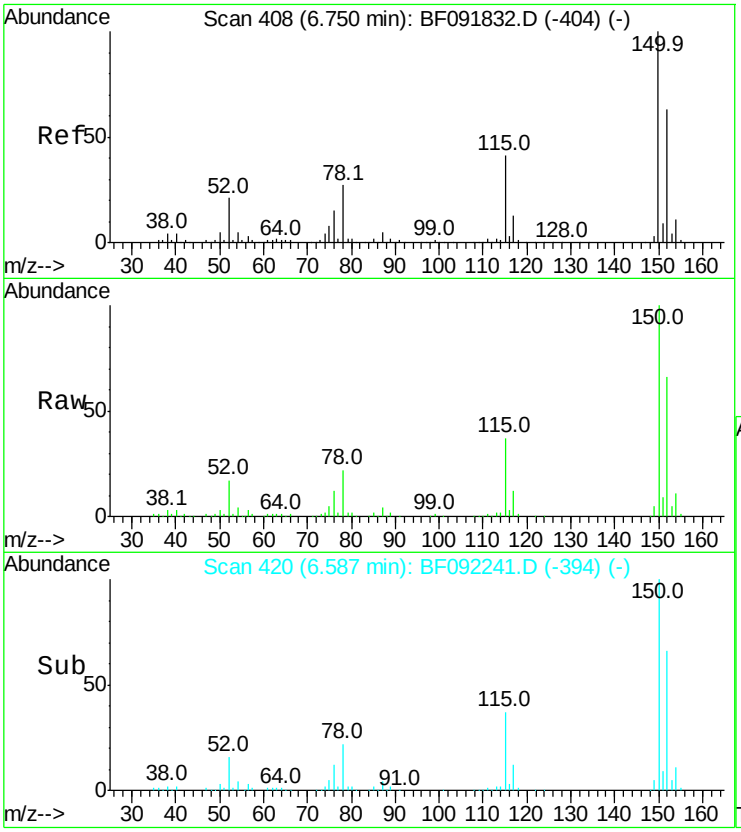
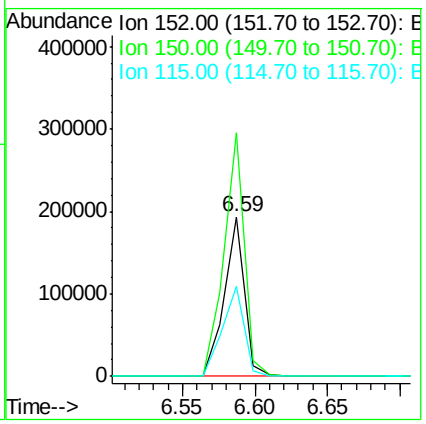




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:152 Resp: 185770

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.9	187.3
115	56.6	46.0	69.0



Instrument :
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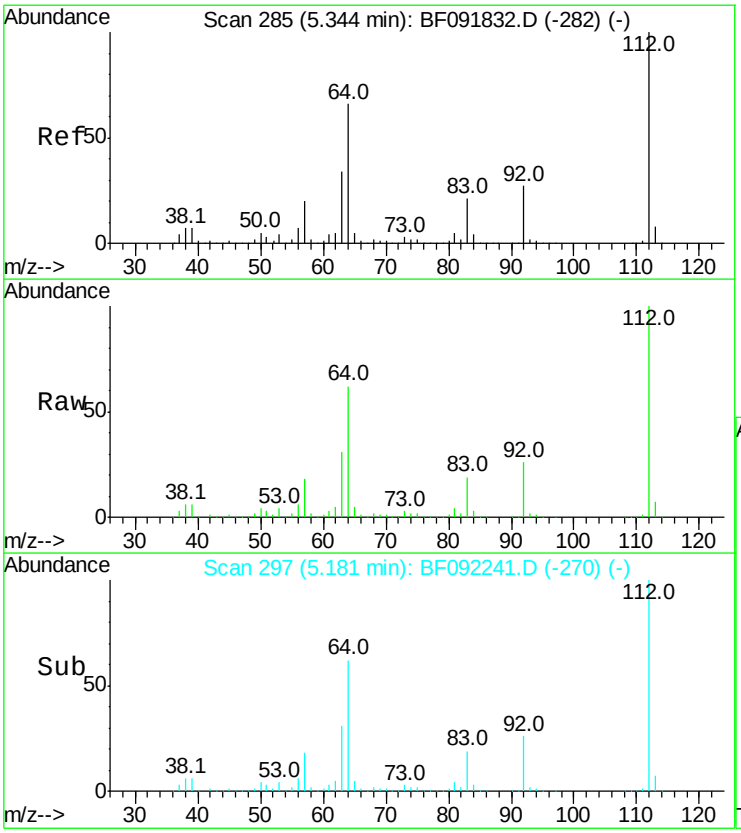
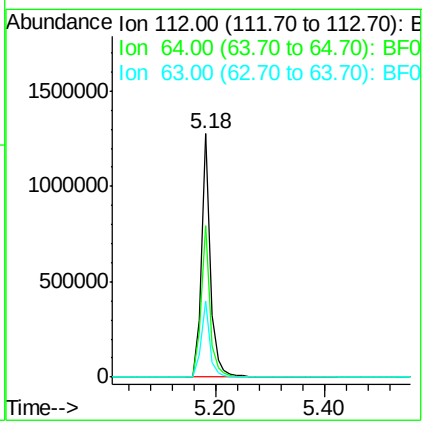
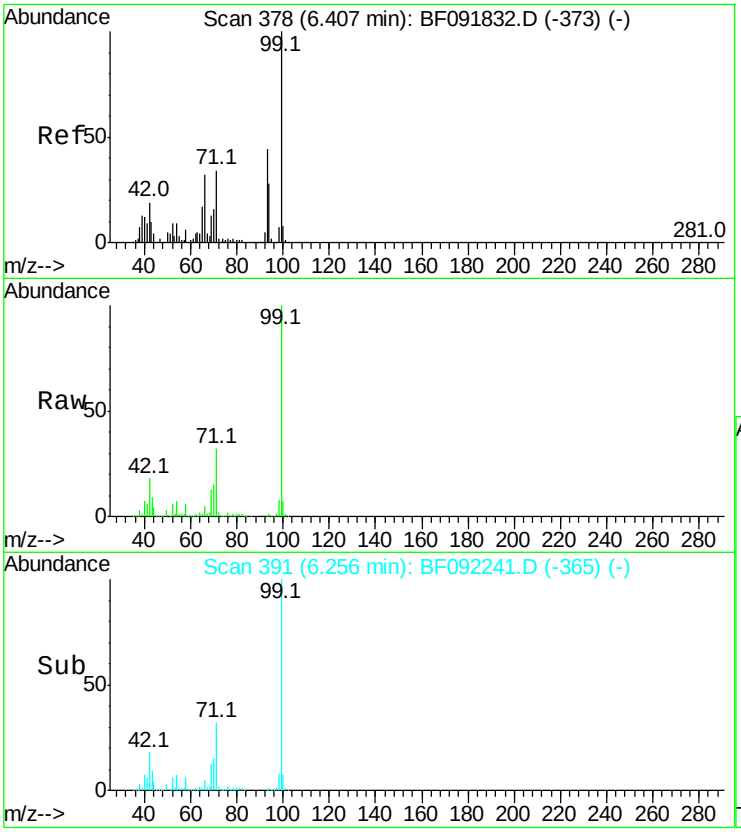


#5
2-Fluorophenol
Concen: 128.28 ng
RT: 5.18 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:112 Resp: 1427205

Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.1	69.1
63	31.1	23.8	35.6

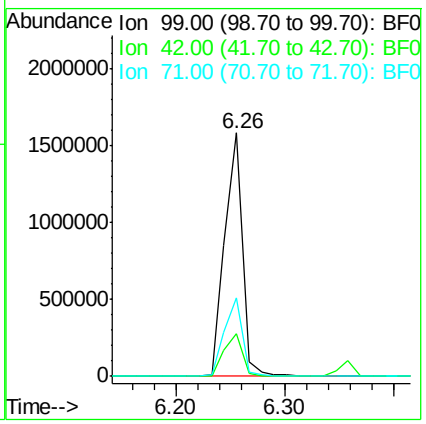




#7
Phenol-d6
Concen: 131.91 ng
RT: 6.26 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion: 99 Resp: 1791828

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.6	23.4
71	32.3	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
SW-001

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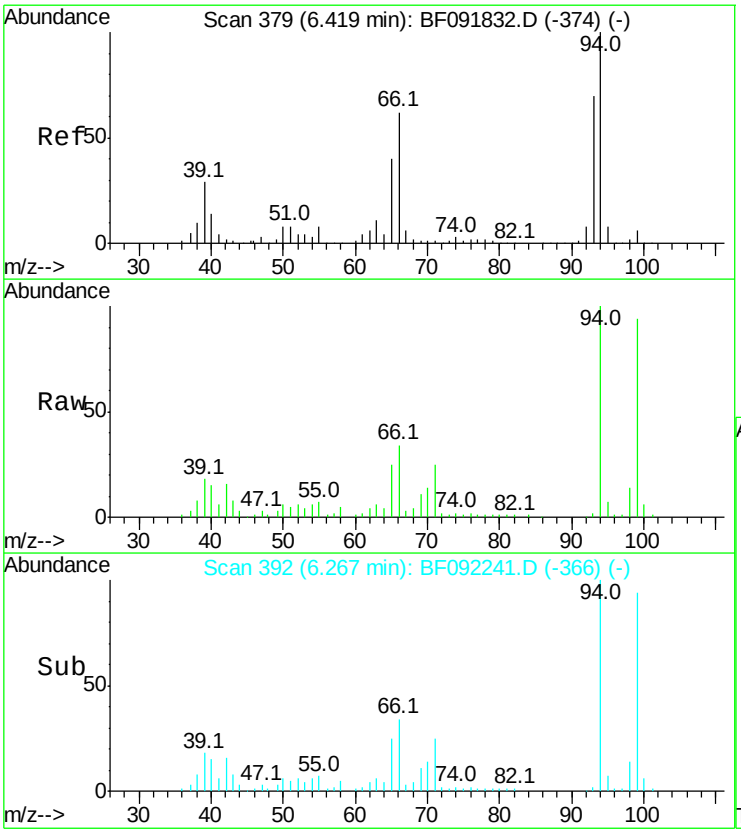
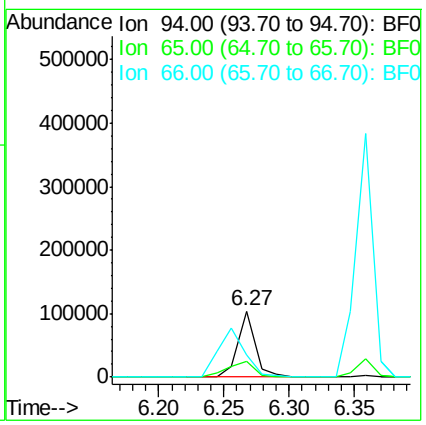
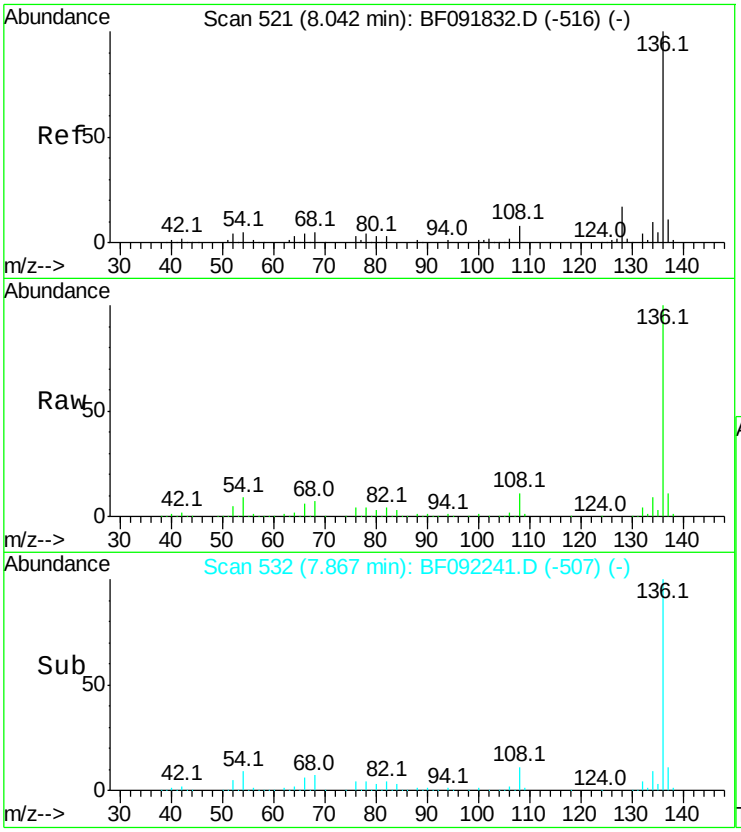


#10
Phenol
Concen: 6.28 ng
RT: 6.27 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion: 94 Resp: 97232

Ion	Ratio	Lower	Upper
94	100		
65	24.9	21.4	61.4
66	34.0	44.0	84.0#

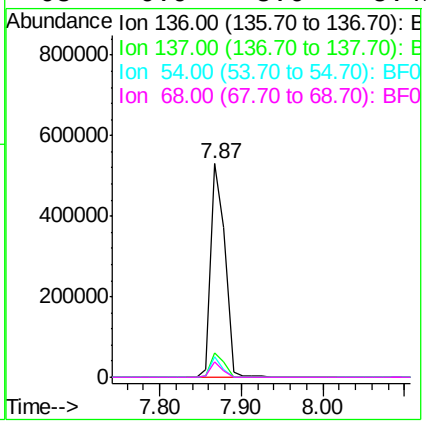




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:136 Resp: 648541

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.3	4.5	6.7#
68	6.9	3.6	5.4#



Instrument :
BNA_F
ClientSampleId :
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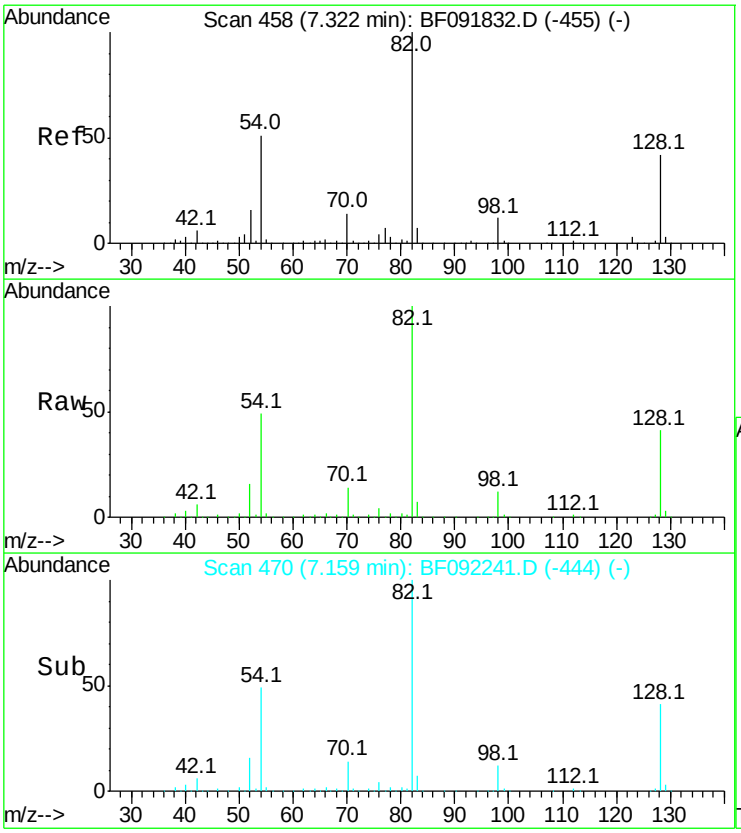
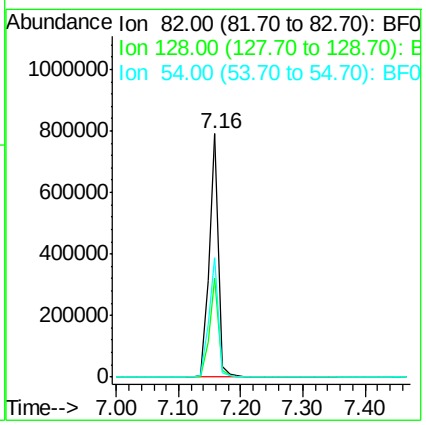
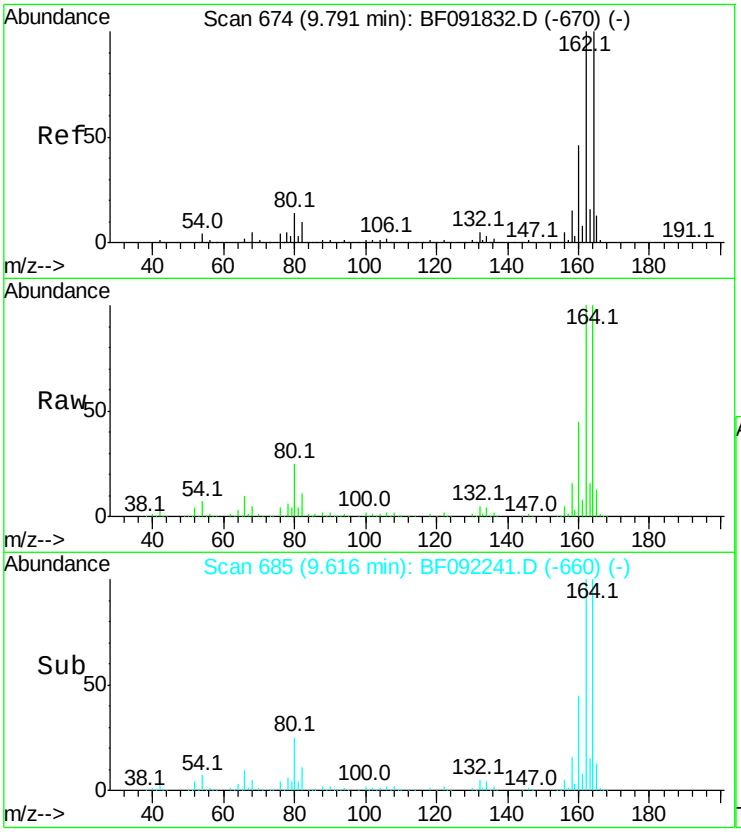


#23
Nitrobenzene-d5
Concen: 68.84 ng
RT: 7.16 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion: 82 Resp: 802941

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	49.1	39.5	59.3

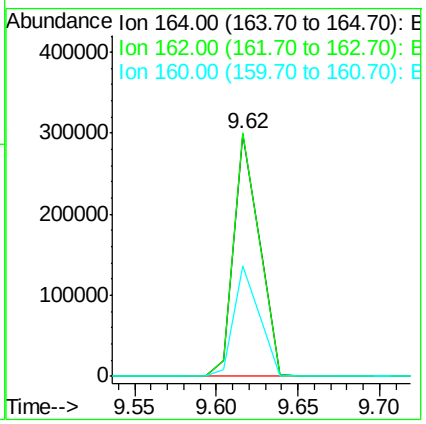




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:164 Resp: 322691

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	45.4	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
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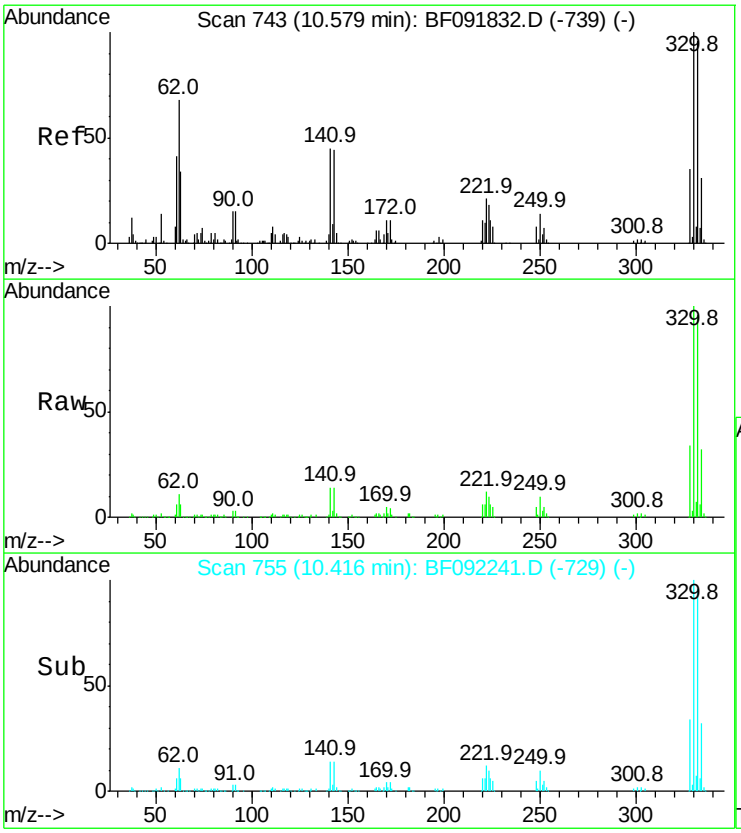
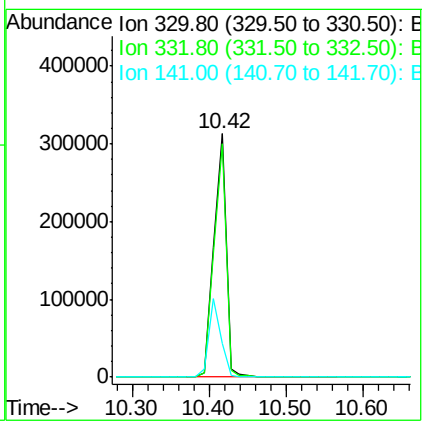
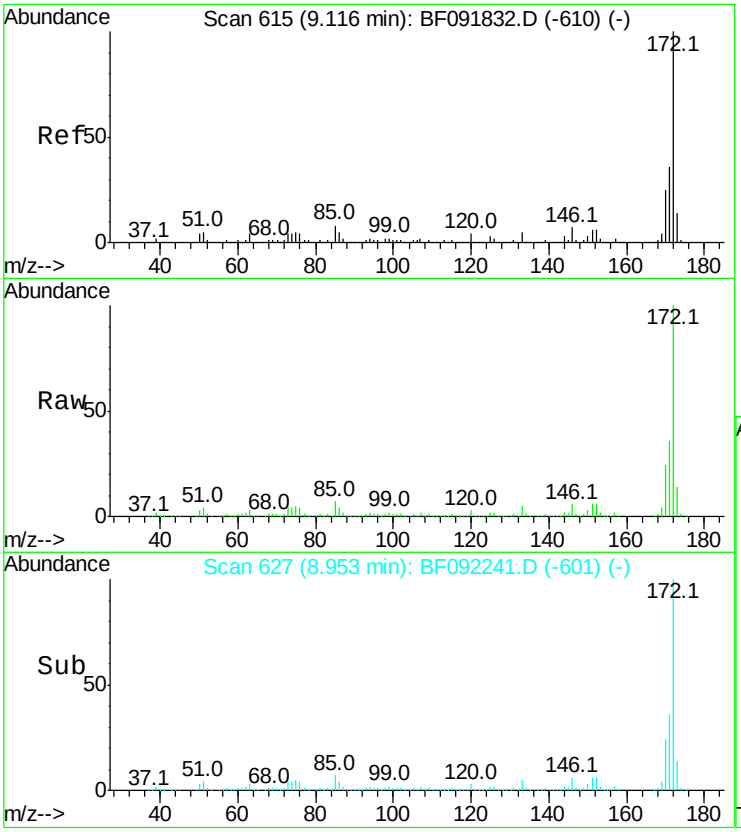


#41
2,4,6-Tribromophenol
Concen: 129.55 ng
RT: 10.42 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:330 Resp: 345959

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	31.6	34.1	51.1#

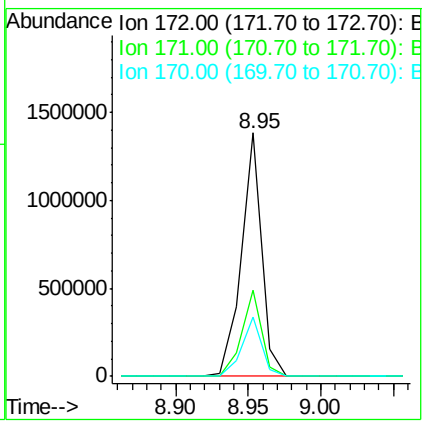




#44
2-Fluorobiphenyl
Concen: 85.33 ng
RT: 8.95 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:172 Resp: 1343049

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.1	20.2	30.4



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ClientSampleId :
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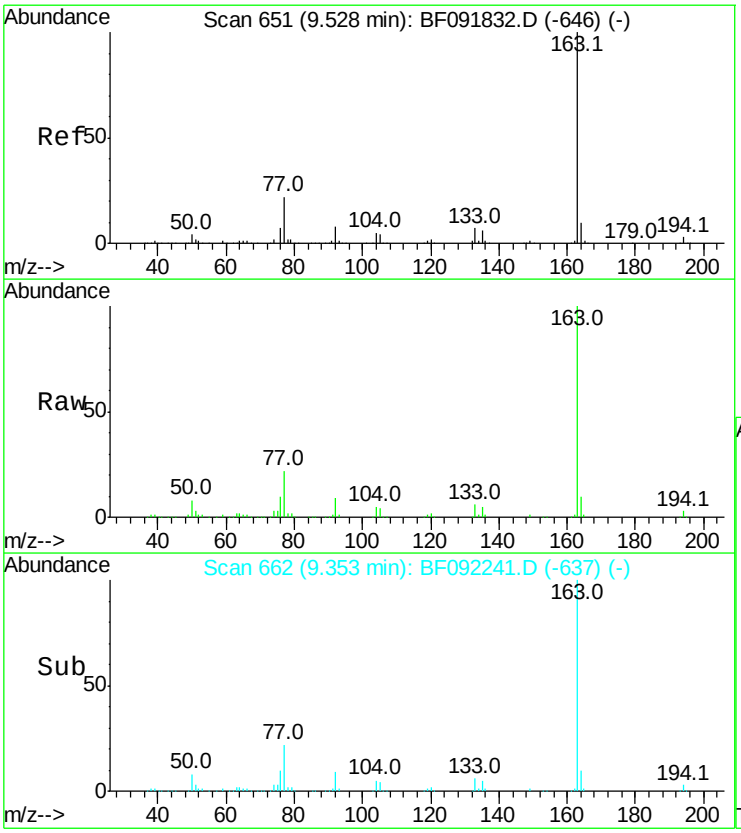
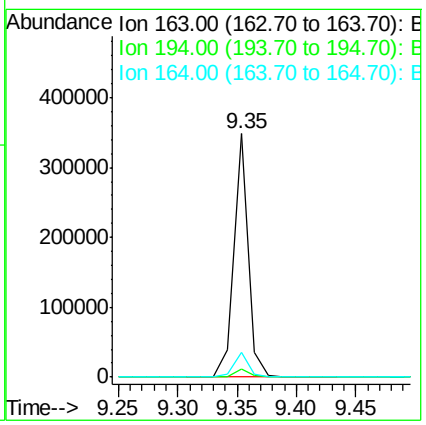
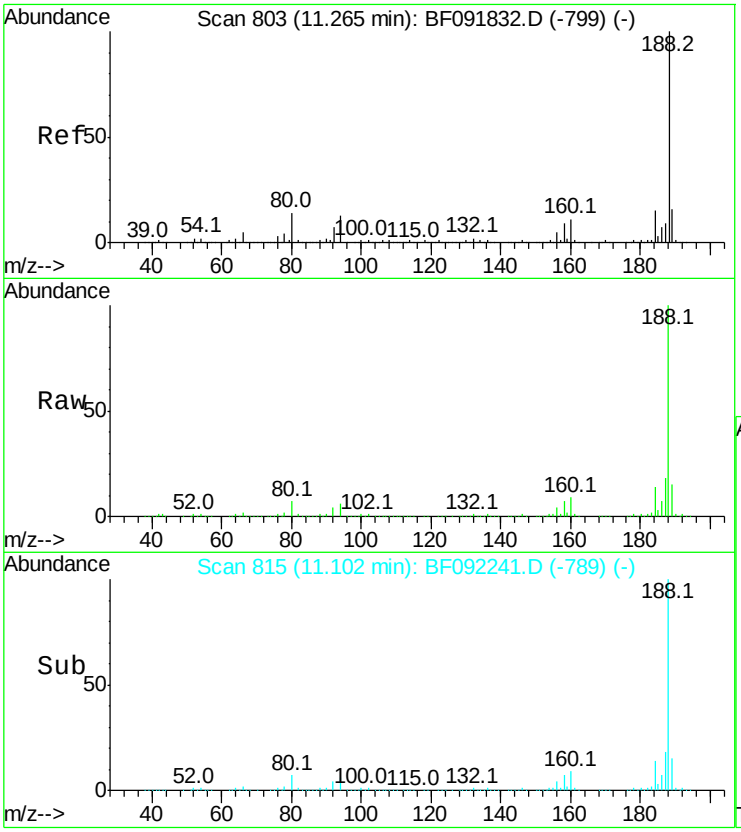


#49
Dimethylphthalate
Concen: 14.20 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:163 Resp: 293108

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.2	8.0	12.0

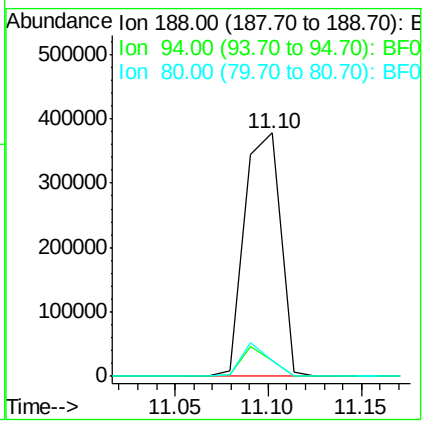




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:188 Resp: 507214

Ion	Ratio	Lower	Upper
188	100		
94	6.3	10.0	15.0#
80	6.7	11.2	16.8#



Instrument :
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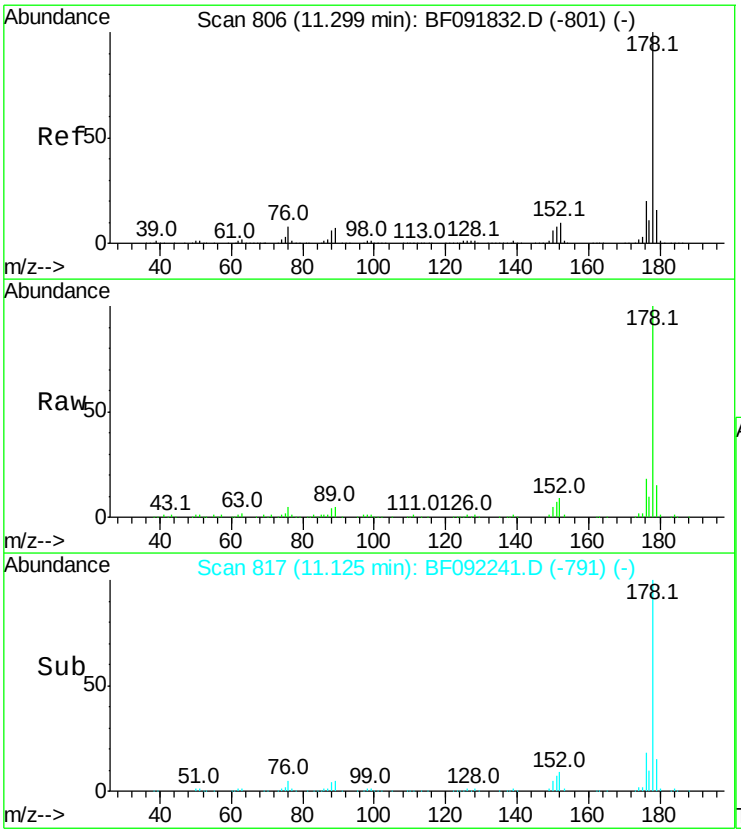
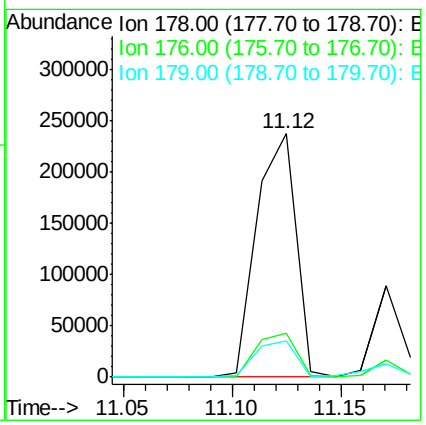
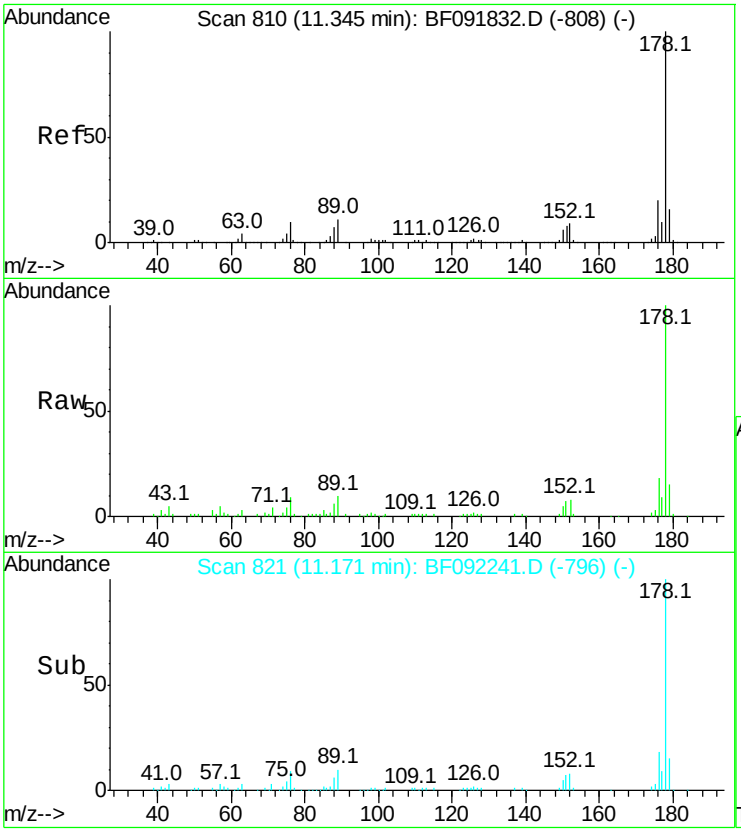


#70
Phenanthrene
Concen: 10.94 ng
RT: 11.12 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:178 Resp: 300918

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.6	25.0
179	14.8	12.8	19.2

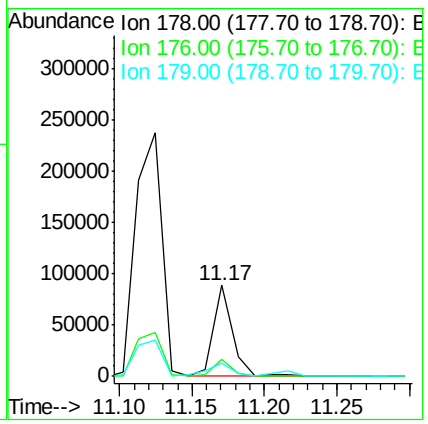




#71
Anthracene
Concen: 2.05 ng
RT: 11.17 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:178 Resp: 82452

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.2	13.2	19.8



Instrument :
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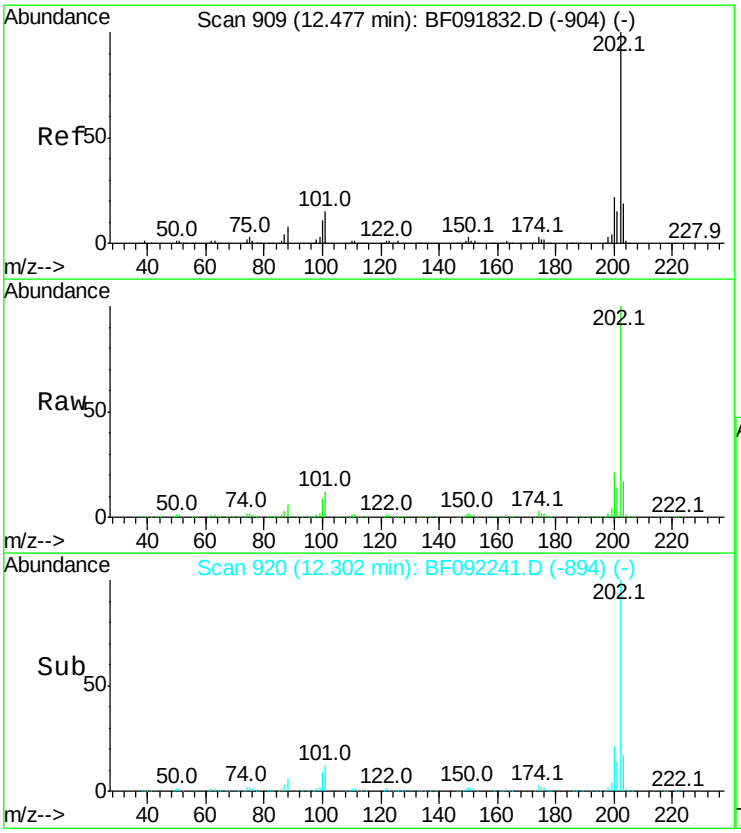
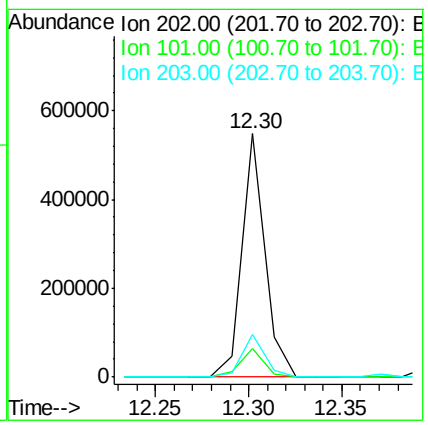
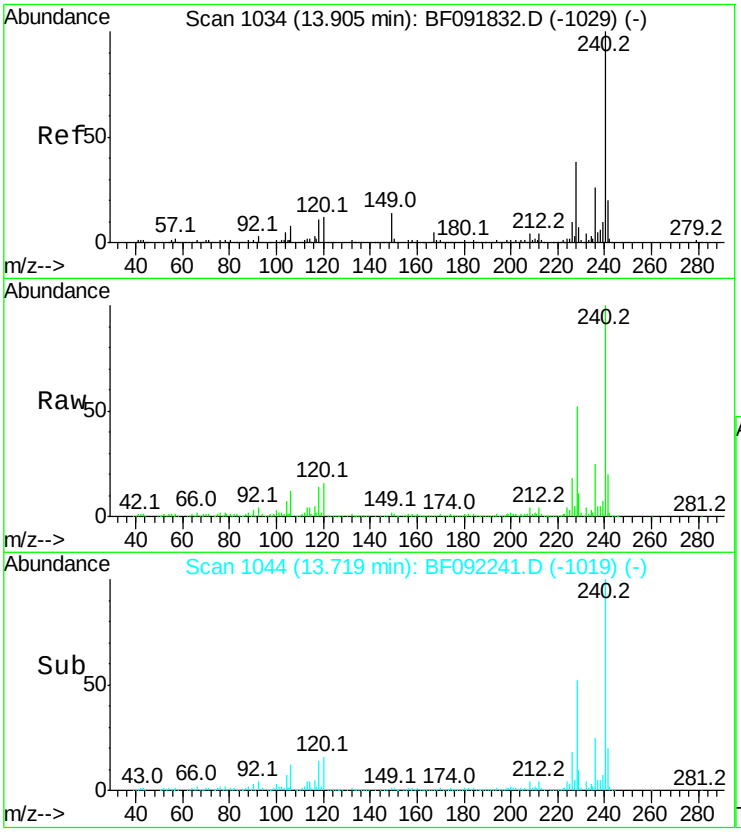


#74
Fluoranthene
Concen: 17.26 ng
RT: 12.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:202 Resp: 473372

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.6
203	17.4	0.0	38.7

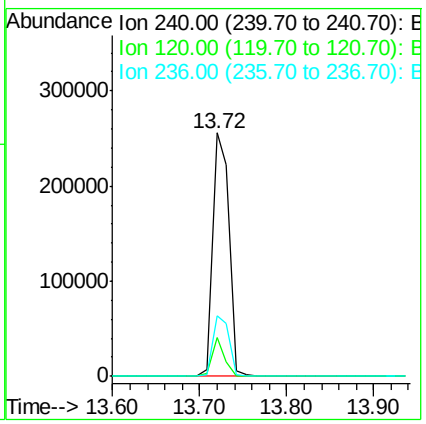




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.72 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:240 Resp: 339574

Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	24.8	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
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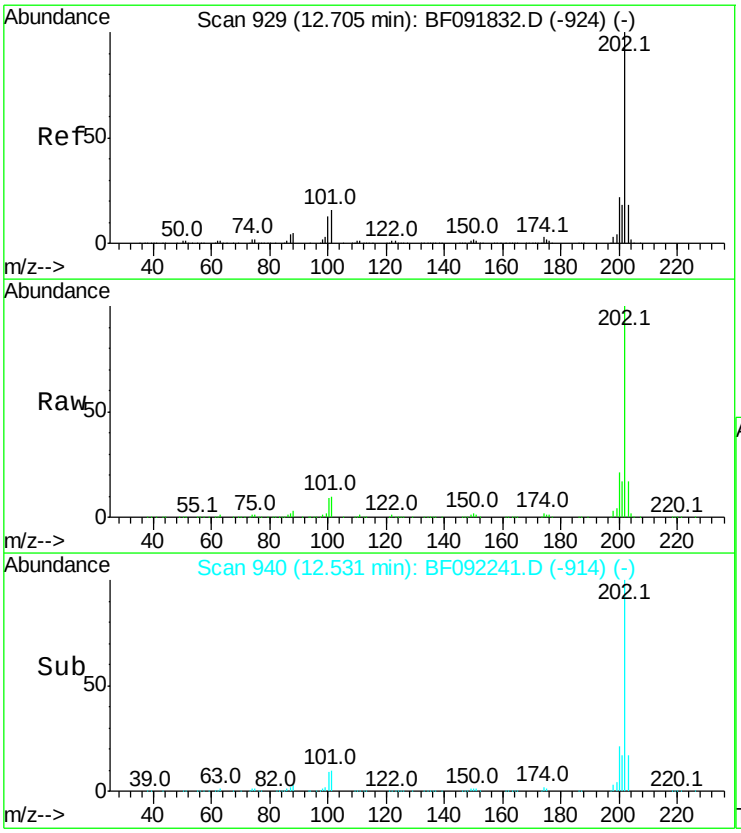
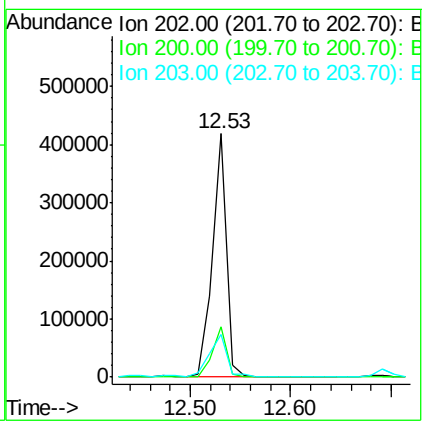
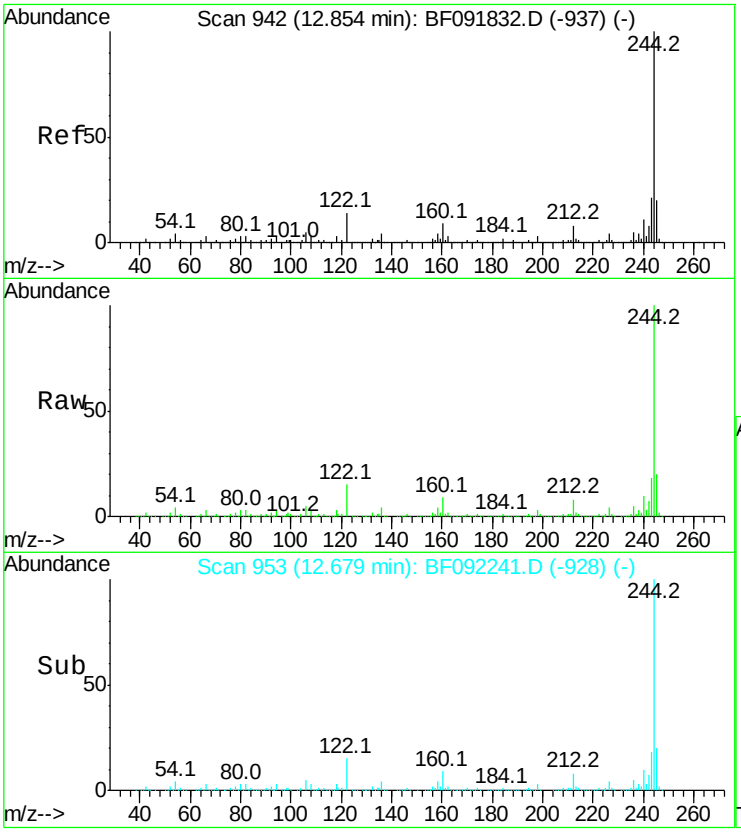


#77
Pyrene
Concen: 16.21 ng
RT: 12.53 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:202 Resp: 403747

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	17.4	14.7	22.1

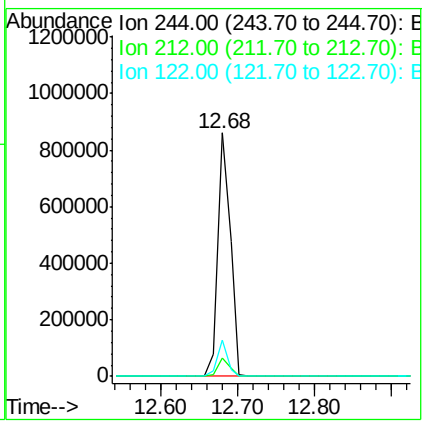




#78
Terphenyl-d14
Concen: 69.94 ng
RT: 12.68 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:244 Resp: 979243

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.7	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
SW-001

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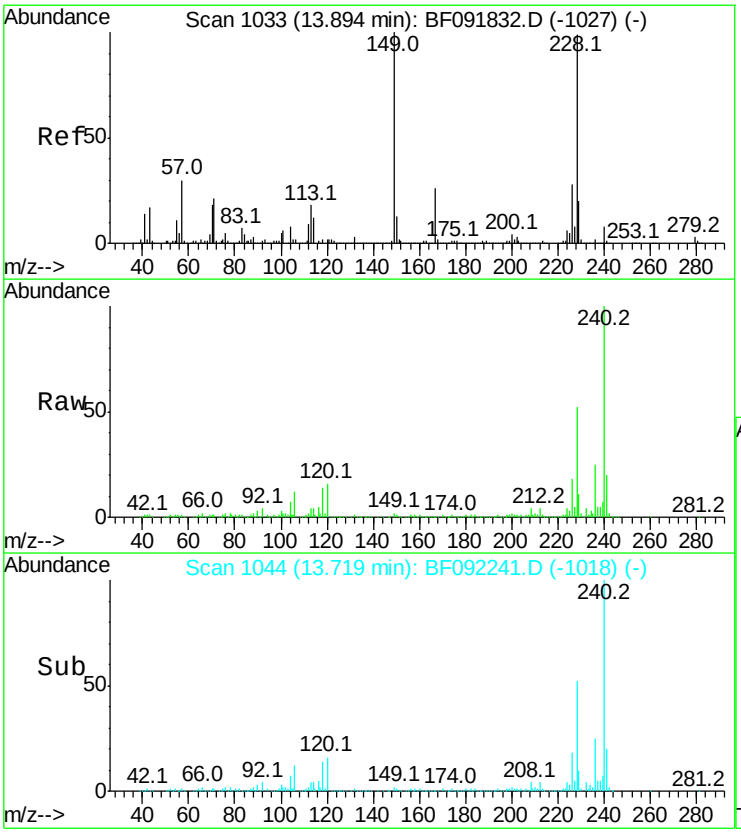
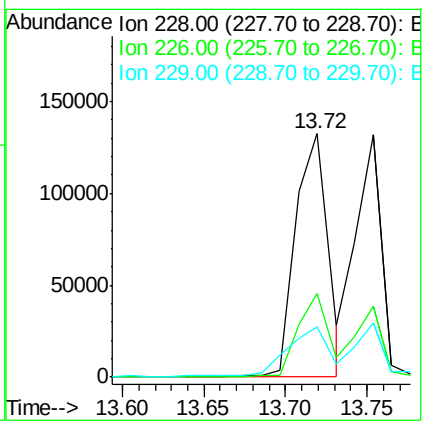
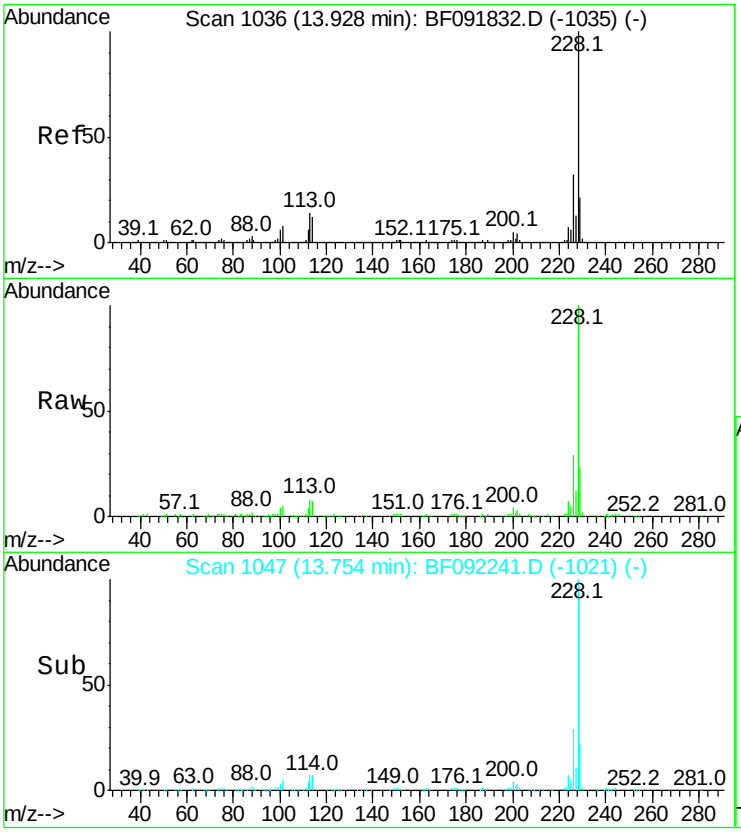


#80
Benzo(a)anthracene
Concen: 9.60 ng
RT: 13.72 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:228 Resp: 184078

Ion	Ratio	Lower	Upper
228	100		
226	34.6	22.4	33.6#
229	20.8	16.2	24.4

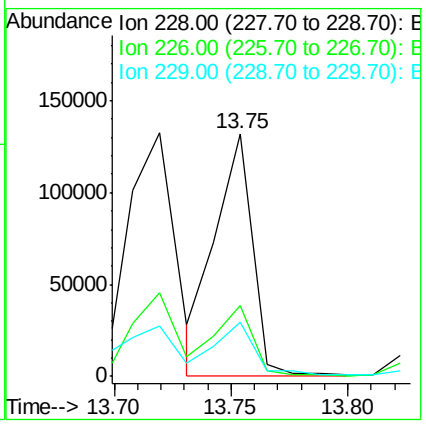




#82
Chrysene
Concen: 7.68 ng m
RT: 13.75 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:228 Resp: 147641

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.4	38.0
229	22.5	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
SW-001

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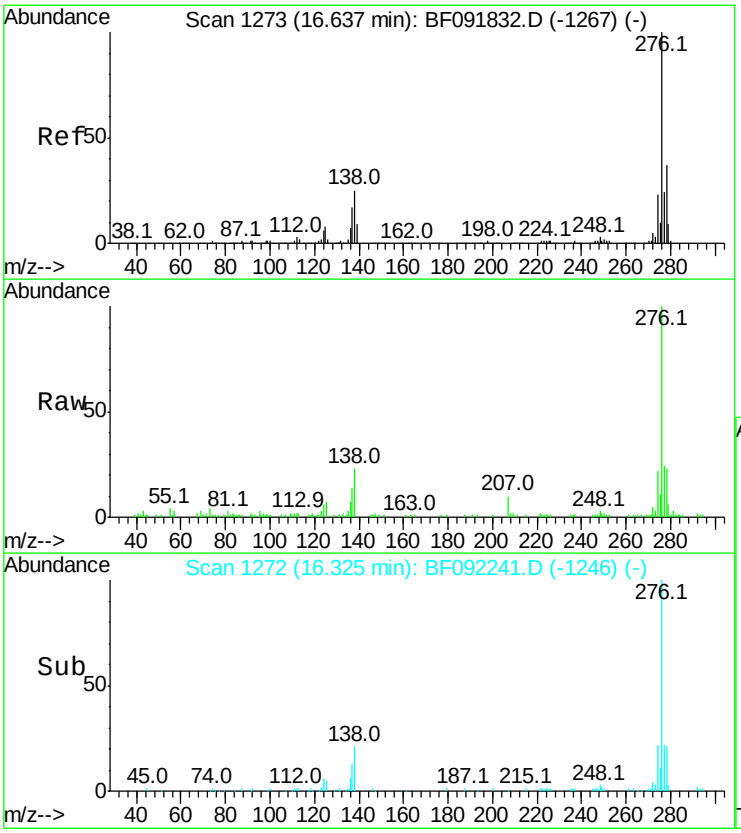
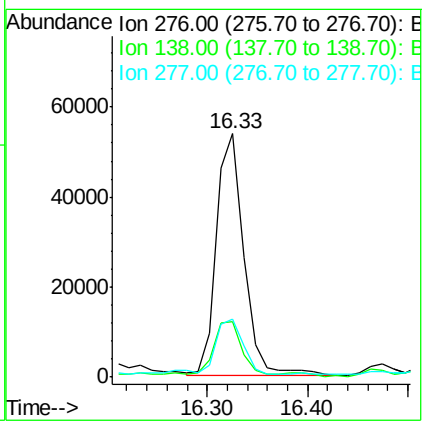
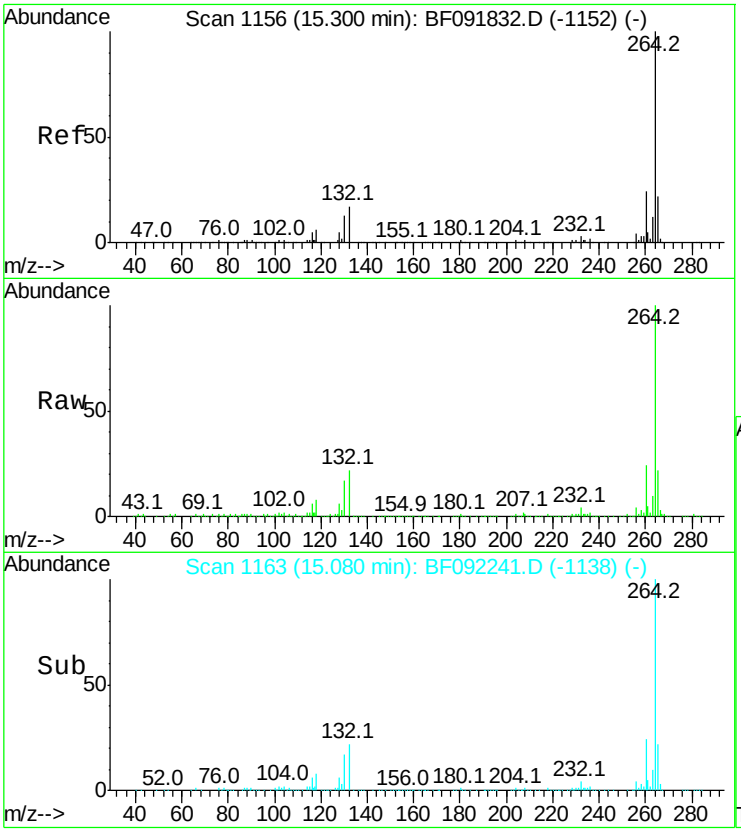


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.11 ng
RT: 16.33 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:276 Resp: 101815

Ion	Ratio	Lower	Upper
276	100		
138	23.0	21.8	32.6
277	24.5	20.2	30.4

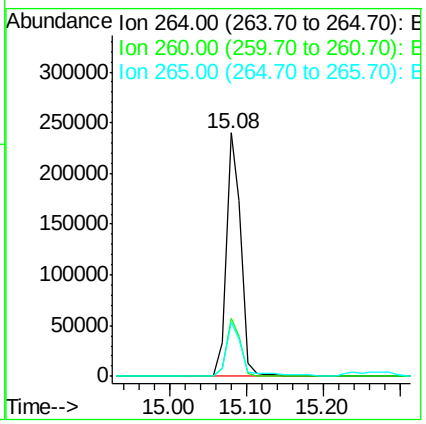




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:264 Resp: 322843

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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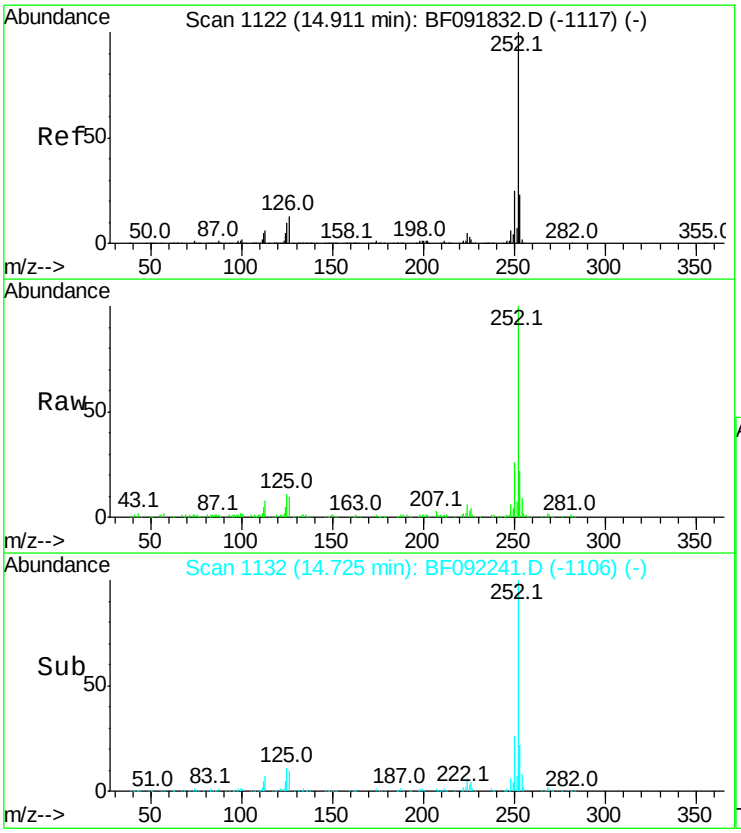
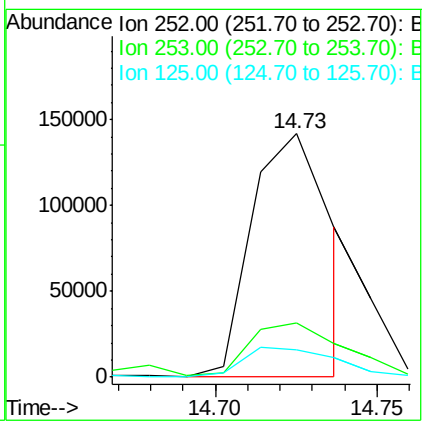
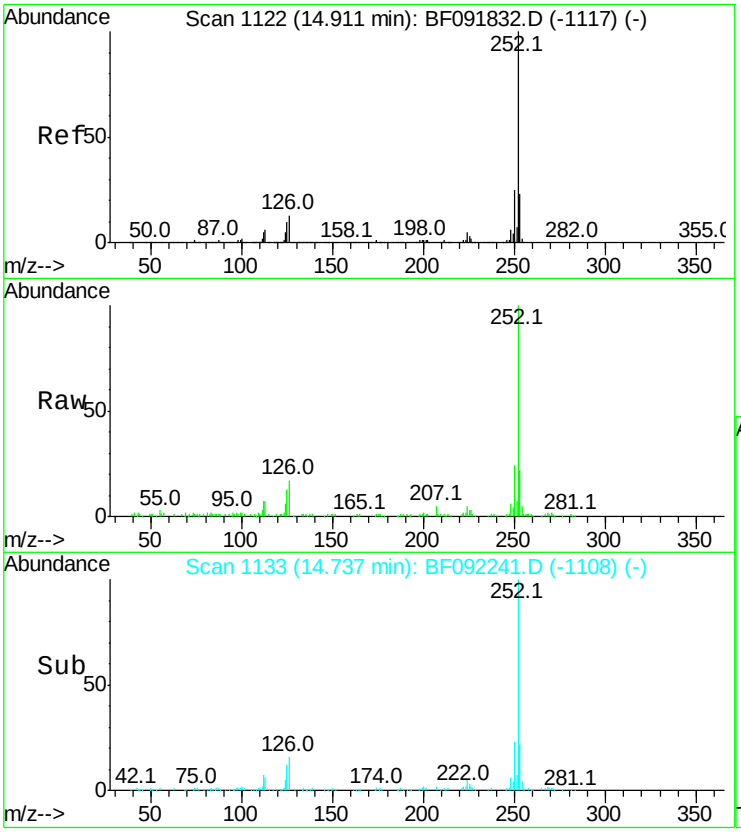


#87
Benzo(b)fluoranthene
Concen: 12.10 ng m
RT: 14.73 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:252 Resp: 243299

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.3	9.8	14.6

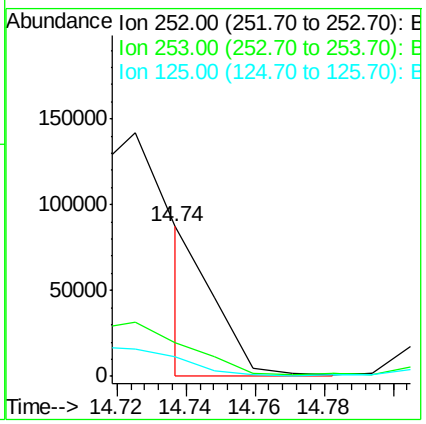




#88
Benzo(k)fluoranthene
Concen: 2.14 ng m
RT: 14.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:252 Resp: 36685

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	12.9	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
SW-001

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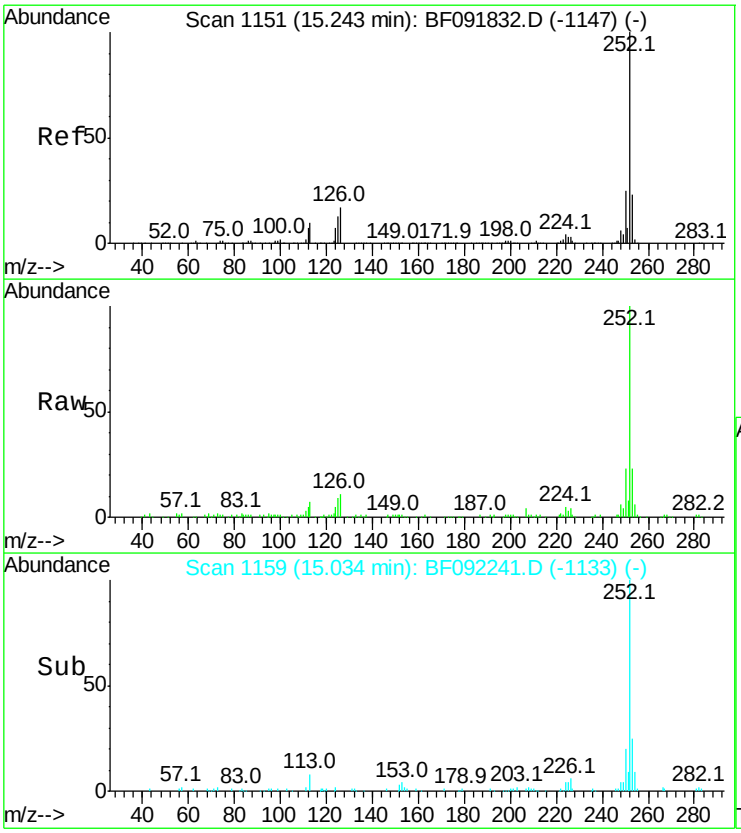
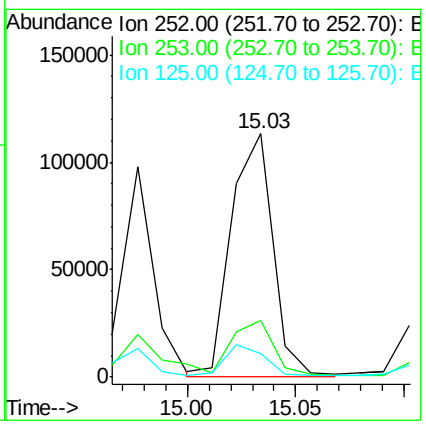
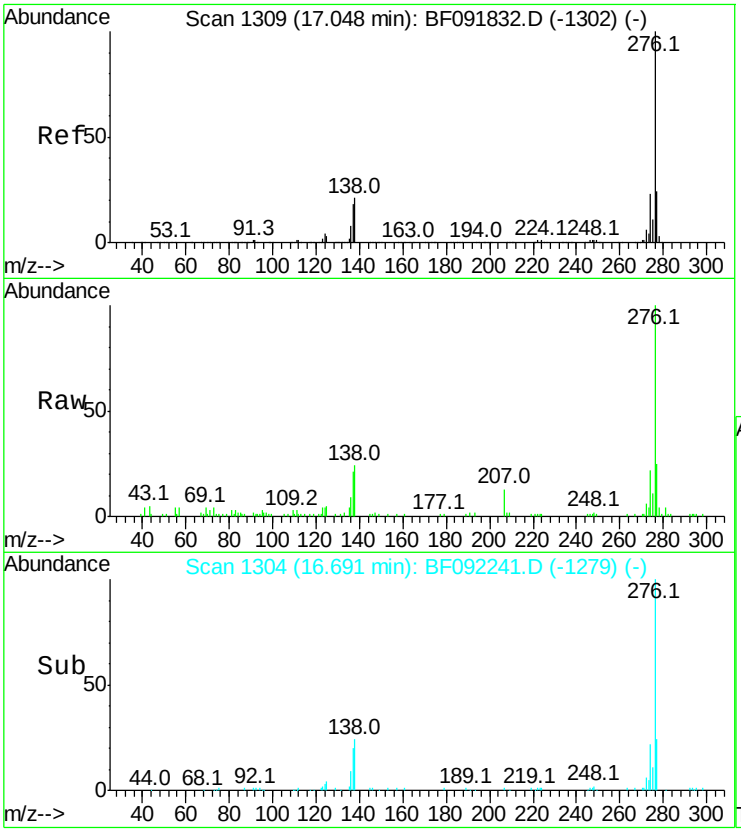


#89
Benzo(a)pyrene
Concen: 8.69 ng m
RT: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:252 Resp: 154961

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.4	10.0	15.0#

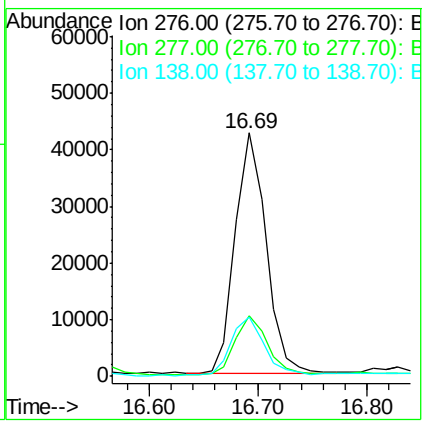




#91
Benzo(g,h,i)perylene
Concen: 5.56 ng
RT: 16.69 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF092241.D
Acq: 13 Jan 2017 11:24

Tgt Ion:276 Resp: 84792

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	24.4	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
SW-001

Manual Integrations APPROVED
Sohil
1/16/2017 8:38:36 AM