Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090098.D
Acq On : 15 Sep 2016 18:16
Operator : UM/SJ
Sample : H4758-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-005

Manual Integrations APPROVED
umangi
9/16/2016 3:58:33 AM

Quant Time: Sep 16 01:17:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	159114	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	634699	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	267973	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	399235	20.00	ng		0.00
75) Chrysene-d12	13.66	240	328492	20.00	ng		-0.01
86) Perylene-d12	14.99	264	294235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1166952	117.95	ng		0.00
7) Phenol-d6	6.20	99	1441638	111.30	ng		0.00
23) Nitrobenzene-d5	7.12	82	853873	75.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	265458	98.62	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1275745	74.77	ng		-0.01
78) Terphenyl-d14	12.63	244	748338	54.10	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.31	163	305292	15.34	ng		99
70) Phenanthrene	11.07	178	253397	13.13	ng		98
71) Anthracene	11.12	178	56940	2.70	ng		98
74) Fluoranthene	12.25	202	263558	13.04	ng		90
77) Pyrene	12.47	202	236232	9.85	ng		97
80) Benzo(a)anthracene	13.65	228	125877	6.56	ng		97
82) Chrysene	13.68	228	107622m	5.98	ng		
85) Indeno(1,2,3-cd)pyrene	16.17	276	45121	2.89	ng		99
87) Benzo(b)fluoranthene	14.64	252	129880m	7.53	ng		
88) Benzo(k)fluoranthene	14.65	252	57493m	3.70	ng		
89) Benzo(a)pyrene	14.94	252	87624	5.66	ng	#	92
91) Benzo(g,h,i)perylene	16.51	276	39759	3.44	ng		93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090098.D
Acq On : 15 Sep 2016 18:16
Operator : UM/SJ
Sample : H4758-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 16 01:17:39 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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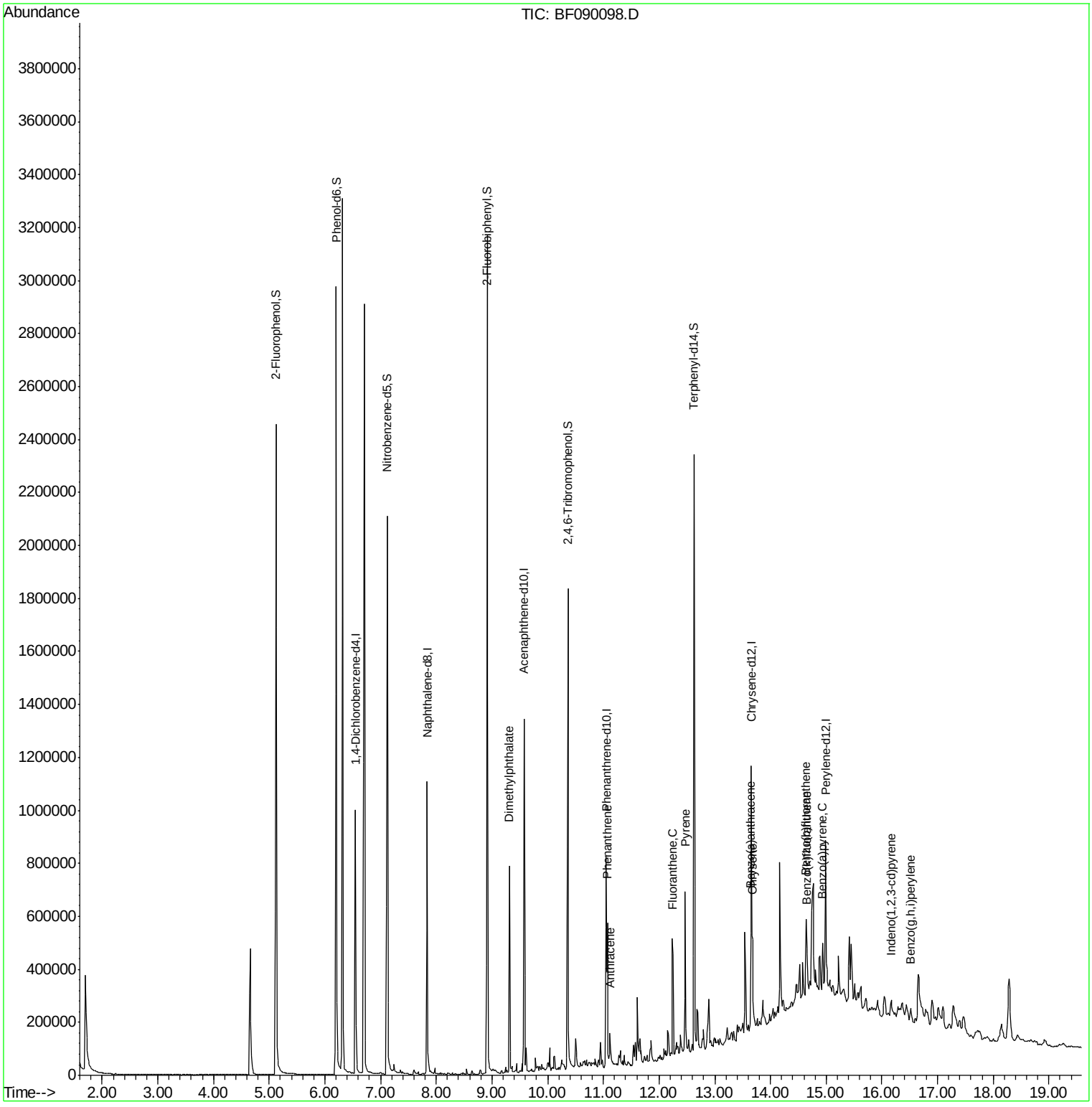
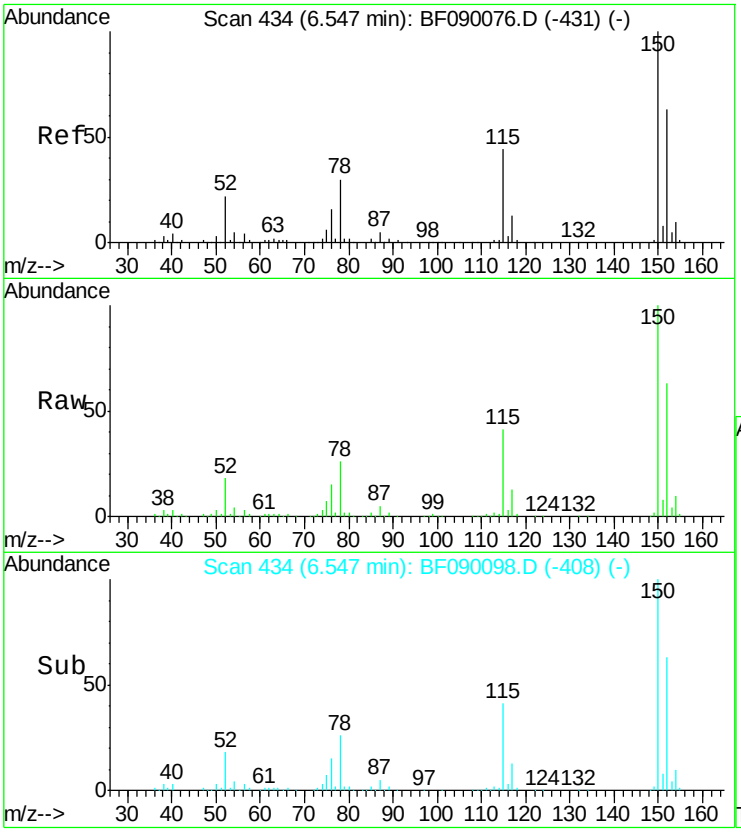
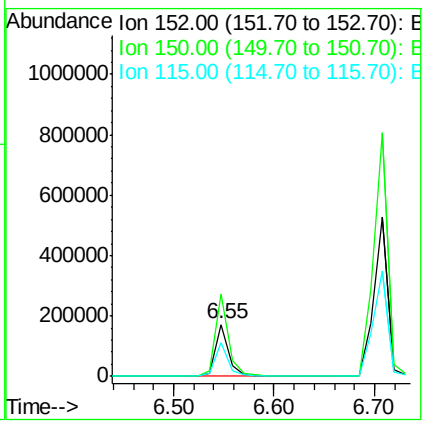




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:152 Resp: 159114

Ion	Ratio	Lower	Upper
152	100		
150	159.3	128.9	193.3
115	65.1	55.5	83.3



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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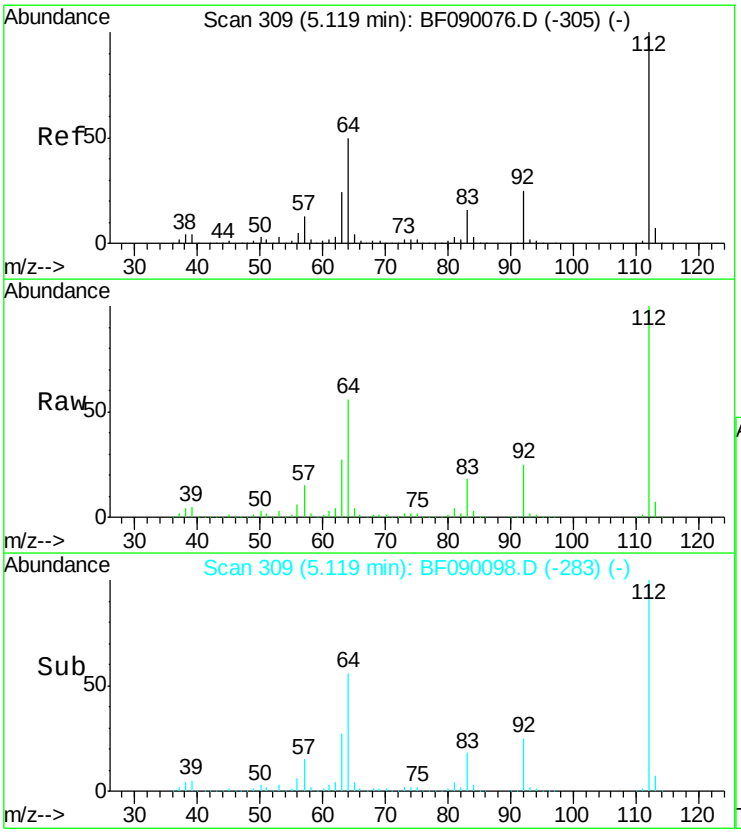
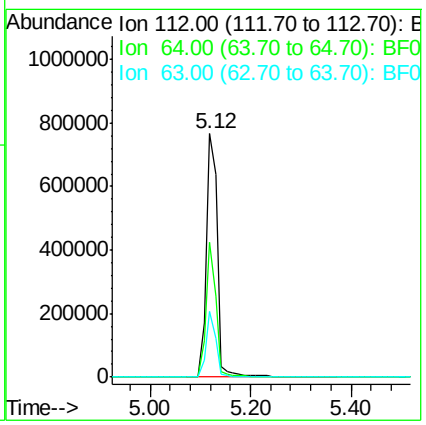
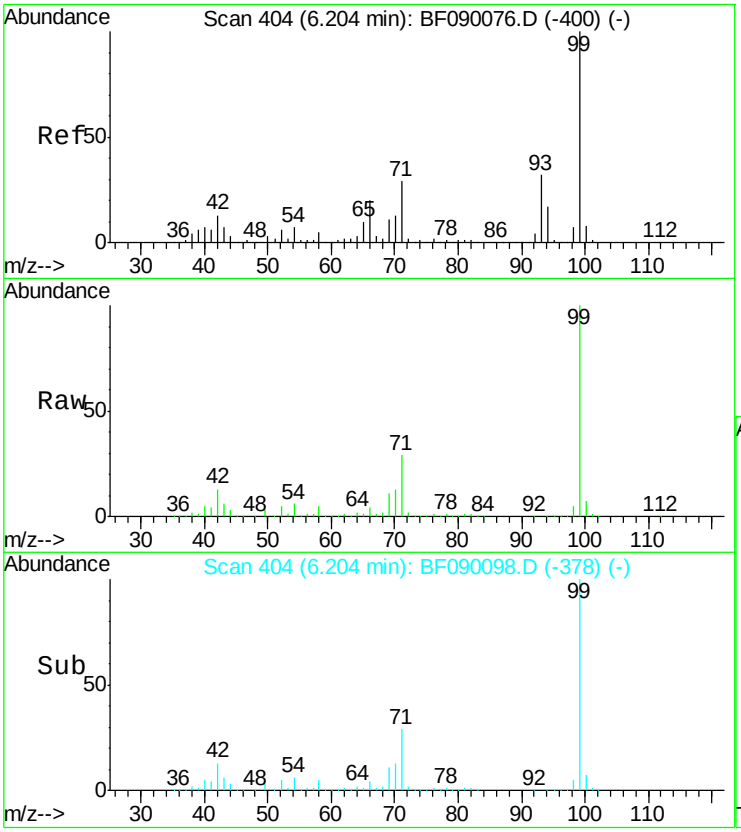


#5
2-Fluorophenol
Concen: 117.95 ng
RT: 5.12 min Scan# 309
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:112 Resp: 1166952

Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.8	59.6
63	27.2	18.9	28.3

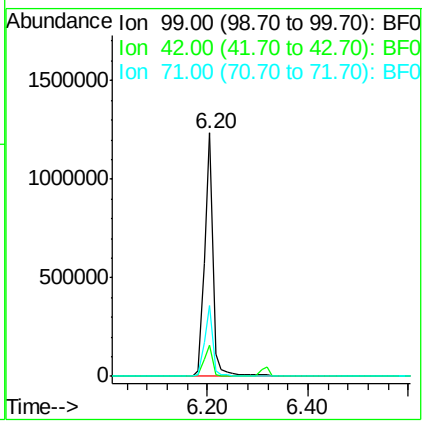




#7
Phenol-d6
Concen: 111.30 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion: 99 Resp: 1441638

Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.6	15.8
71	29.1	23.0	34.6



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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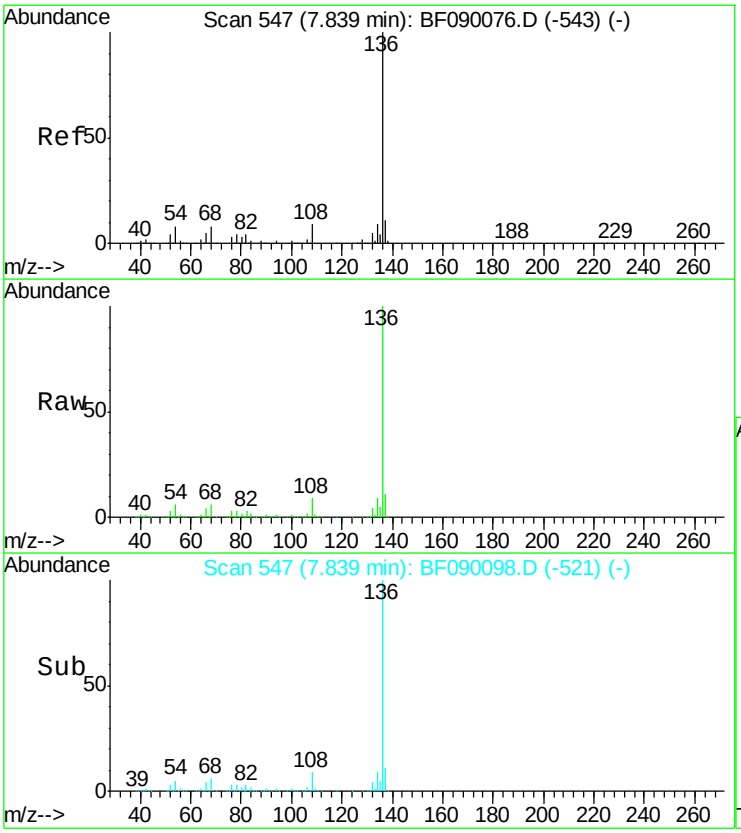
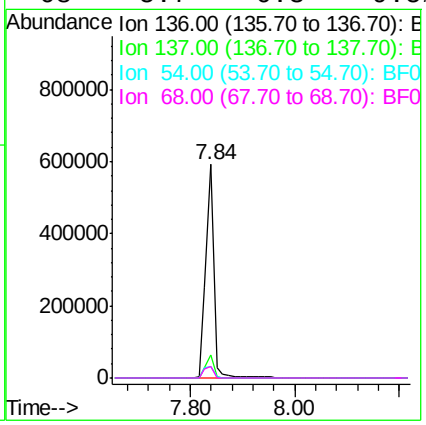
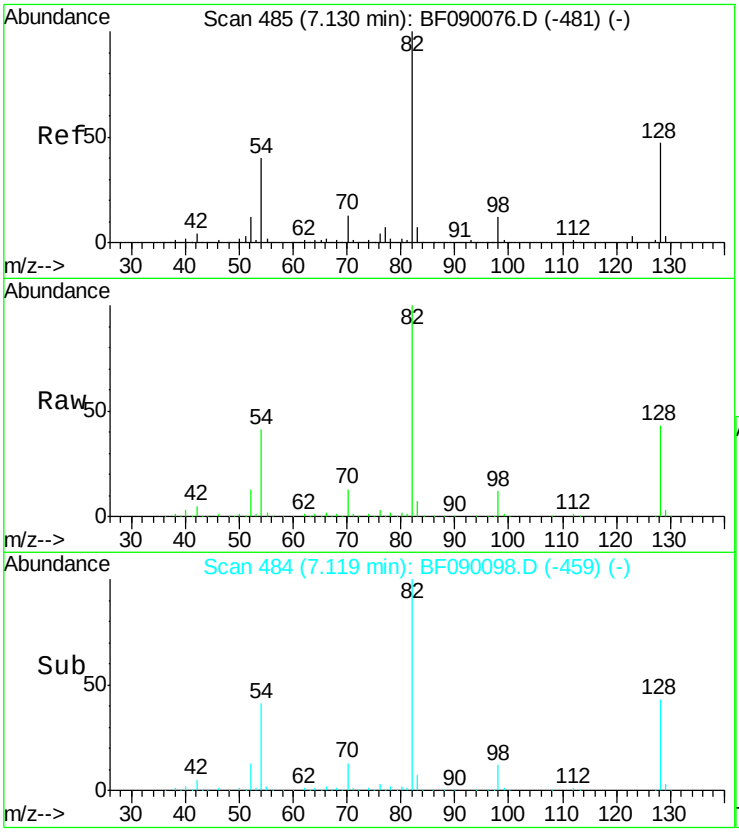


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:136 Resp: 634699

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.6	6.4	9.6#
68	5.7	6.3	9.5#

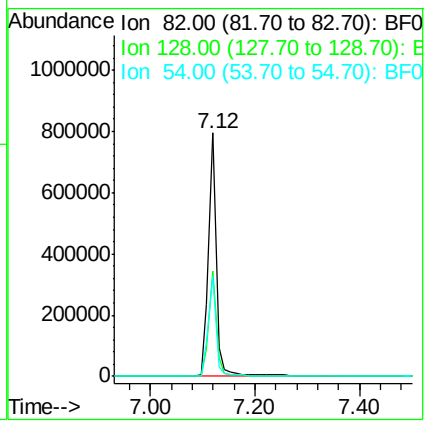




#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion: 82 Resp: 853873

Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.5	56.3
54	41.3	31.9	47.9



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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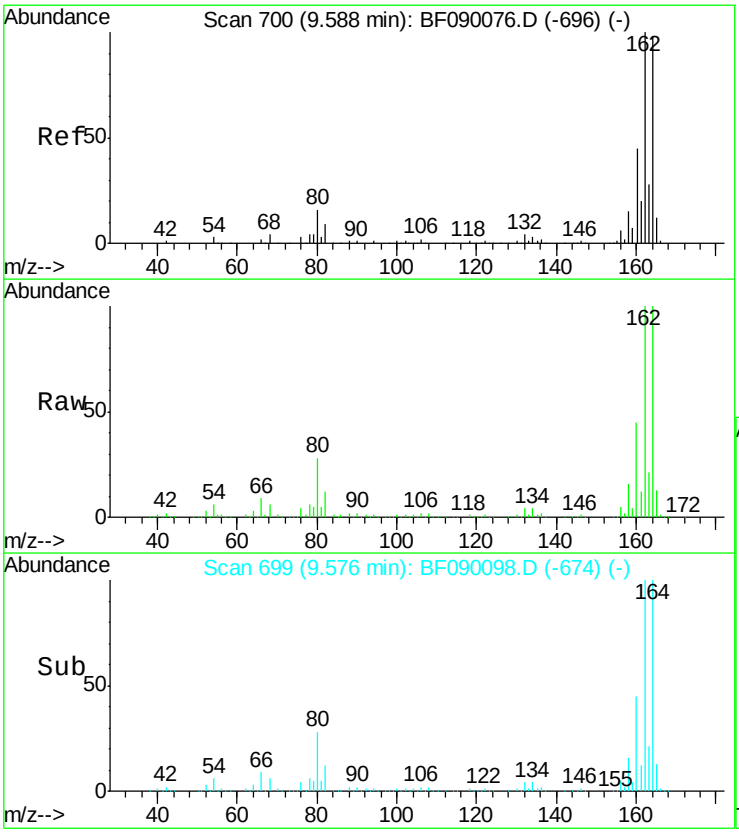
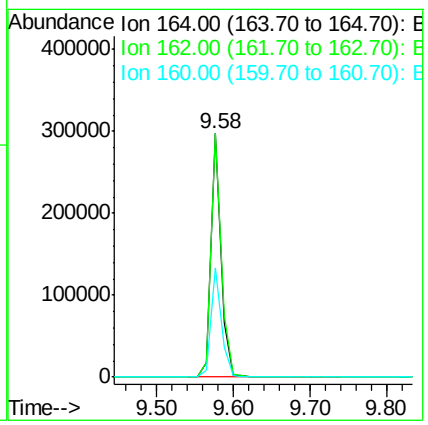
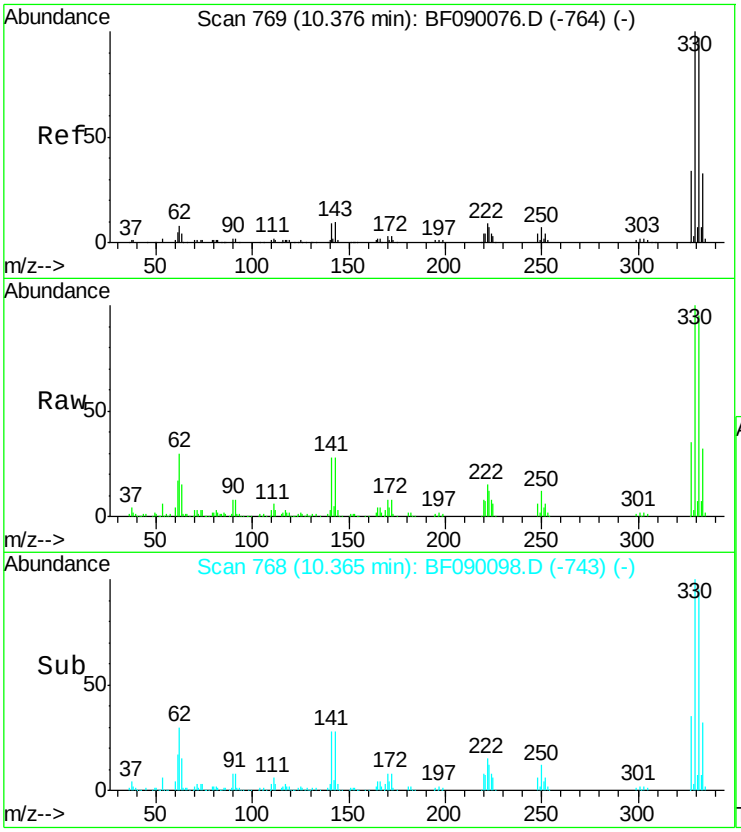


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:164 Resp: 267973

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.2
160	44.7	36.6	54.8

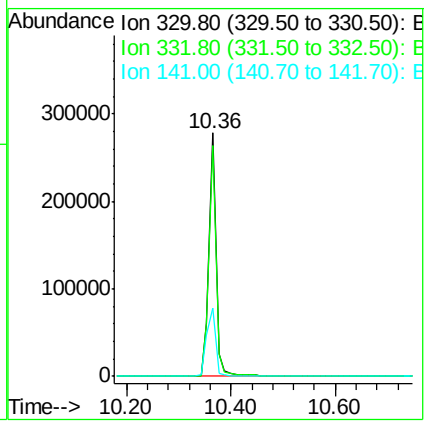




#41
2,4,6-Tribromophenol
Concen: 98.62 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:330 Resp: 265458

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.1	117.1
141	35.5	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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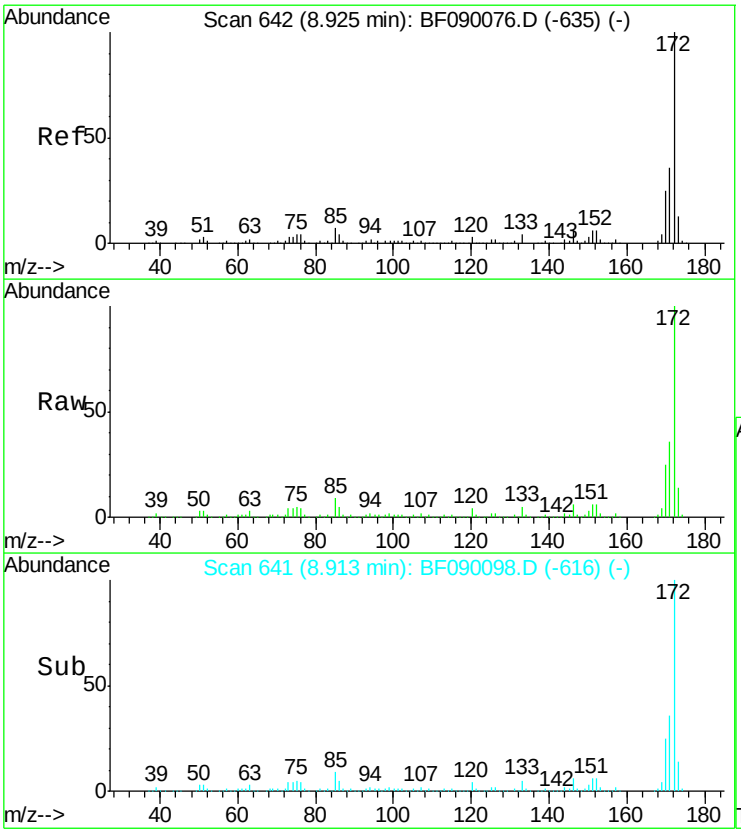
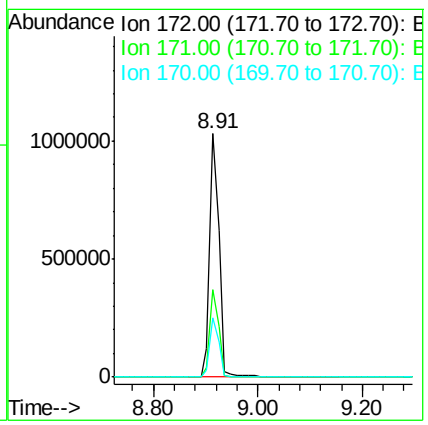
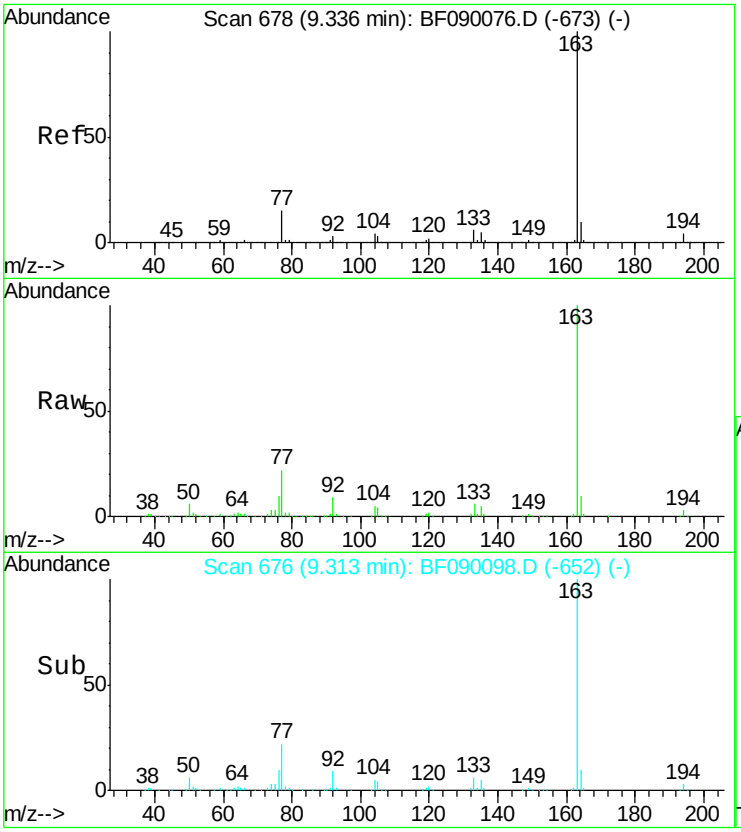


#44
2-Fluorobiphenyl
Concen: 74.77 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:172 Resp: 1275745

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.5	19.8	29.8

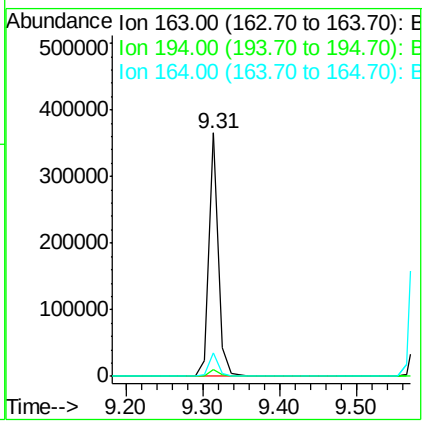




#49
Dimethylphthalate
Concen: 15.34 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:163 Resp: 305292

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	9.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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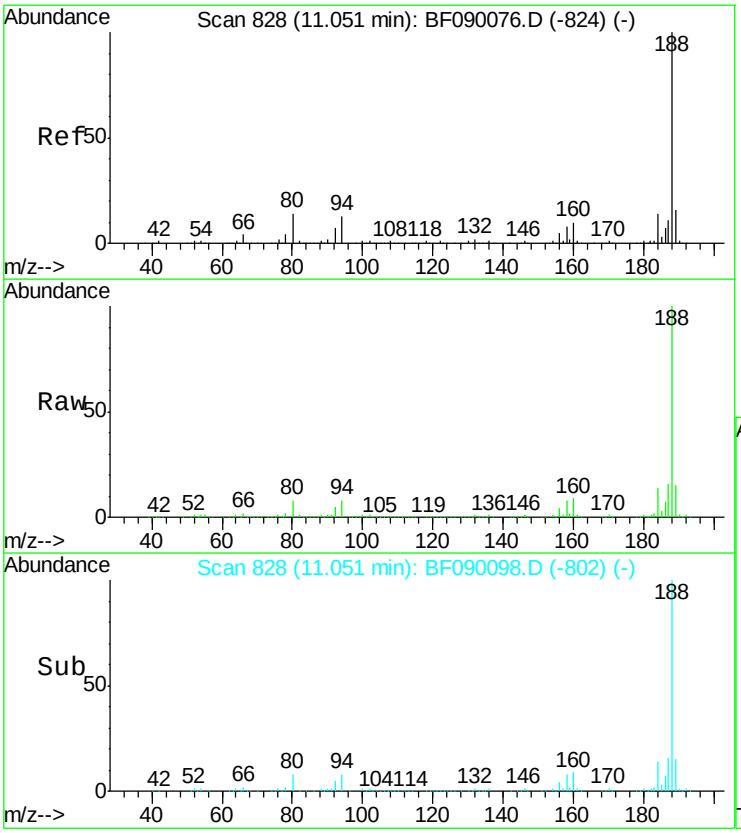
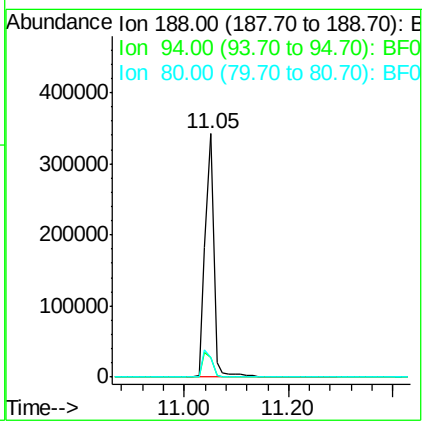
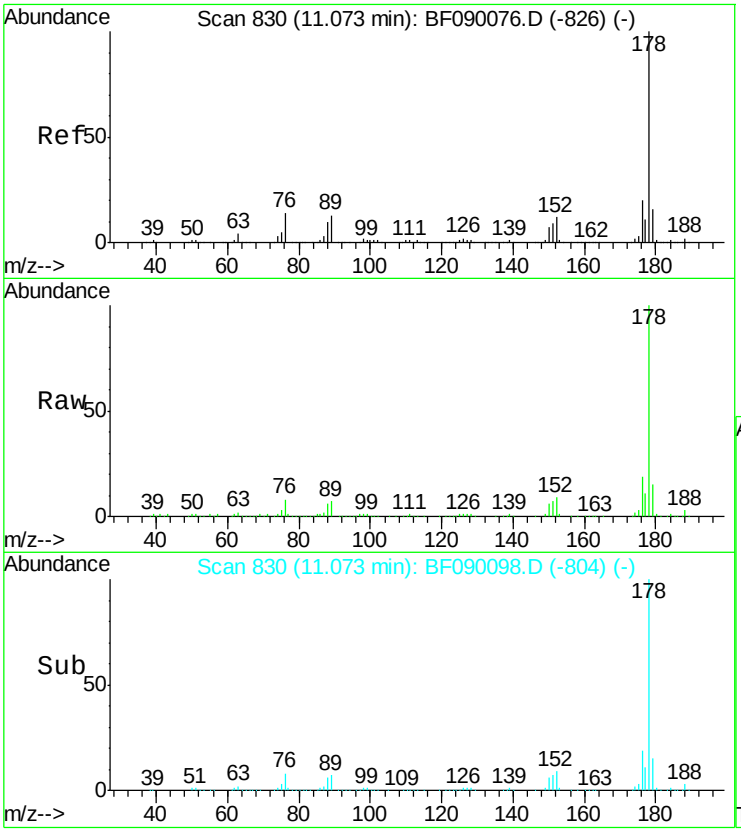


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:188 Resp: 399235

Ion	Ratio	Lower	Upper
188	100		
94	8.0	10.5	15.7#
80	8.2	11.2	16.8#

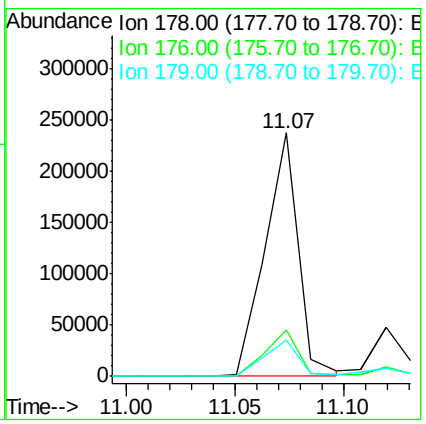




#70
Phenanthrene
Concen: 13.13 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:178 Resp: 253397

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.1	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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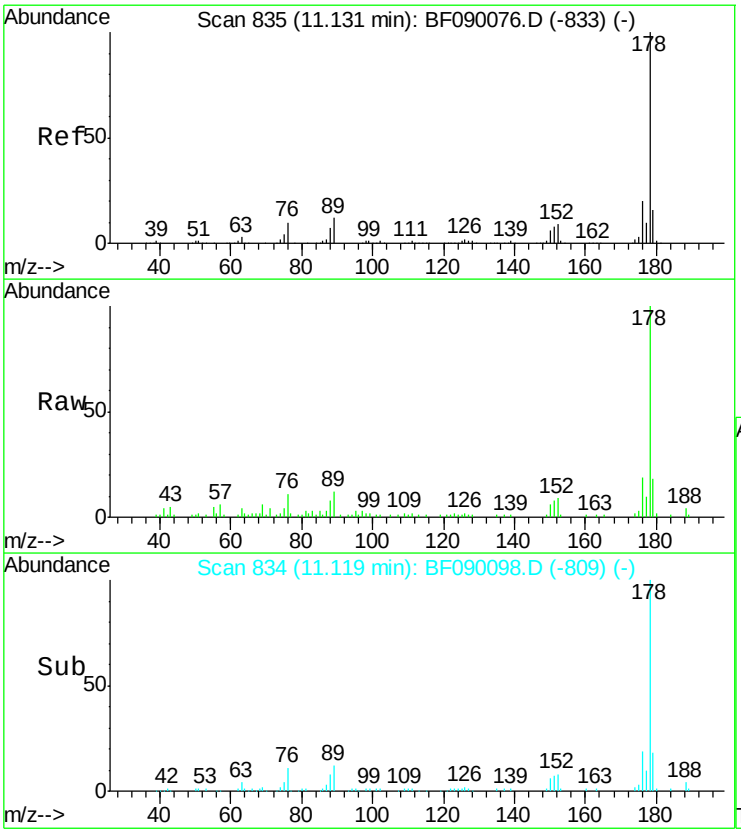
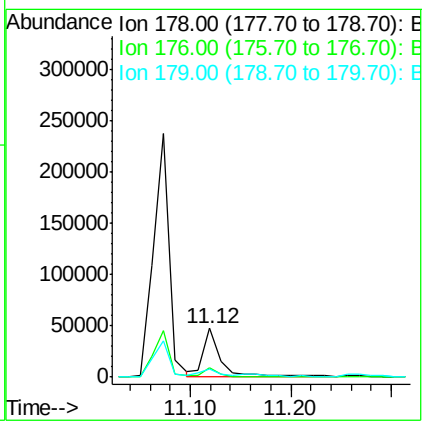
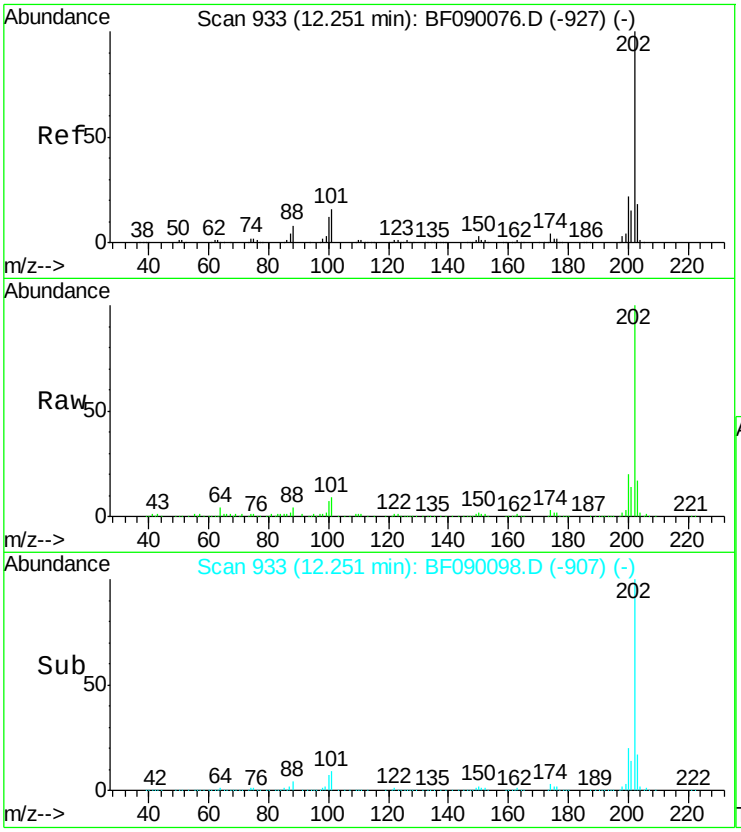


#71
Anthracene
Concen: 2.70 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:178 Resp: 56940

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	17.5	12.6	19.0

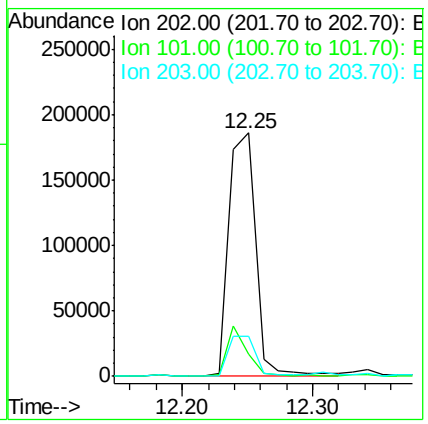




#74
Fluoranthene
Concen: 13.04 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:202 Resp: 263558

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	36.1
203	16.7	0.0	38.2



Instrument :
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ClientSampleId :
NC-TS-005

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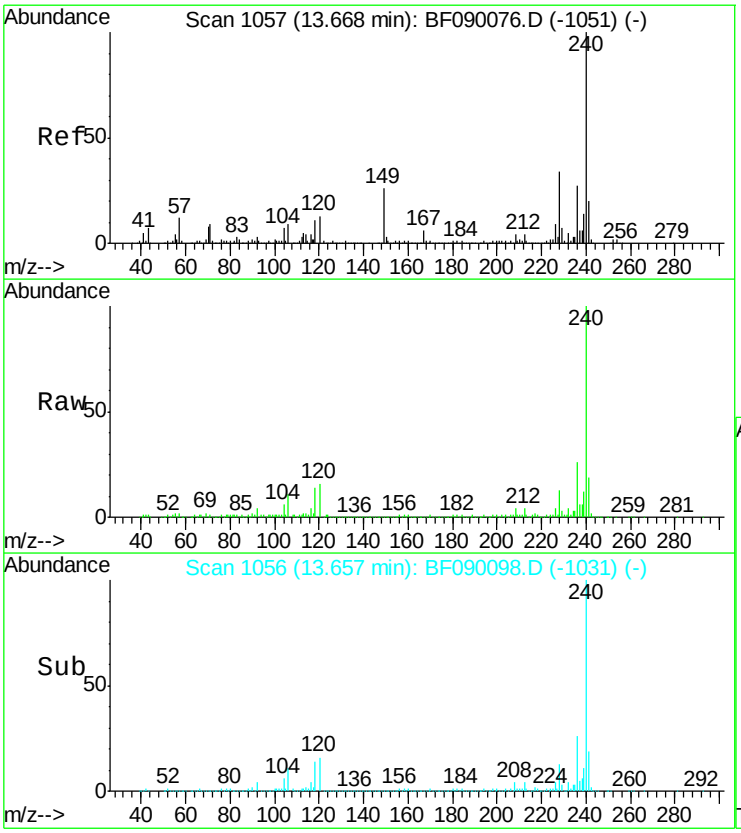
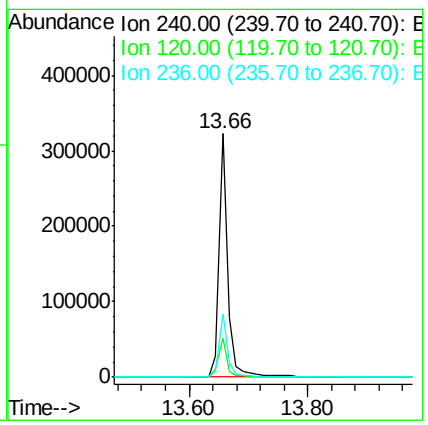
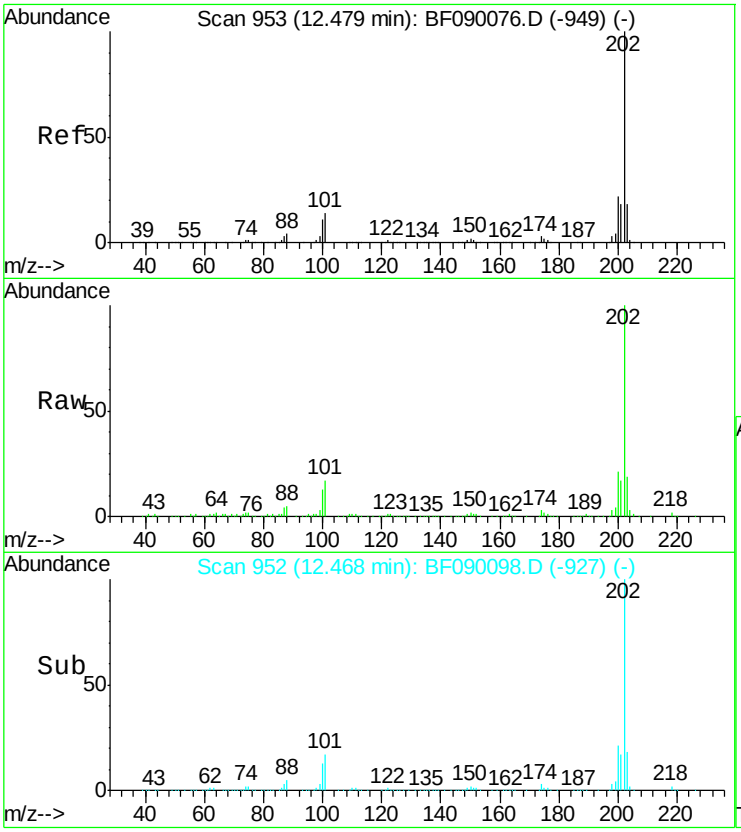


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:240 Resp: 328492

Ion	Ratio	Lower	Upper
240	100		
120	16.1	10.6	16.0#
236	26.0	21.6	32.4

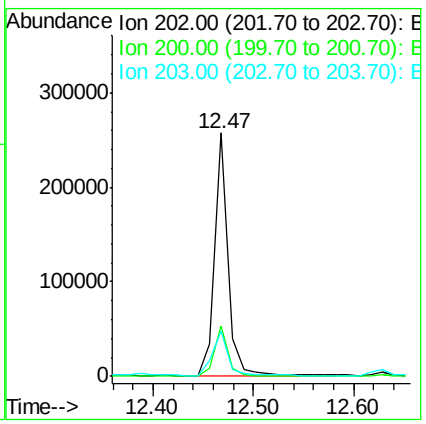




#77
Pyrene
Concen: 9.85 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:202 Resp: 236232

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	18.6	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

Manual Integrations APPROVED
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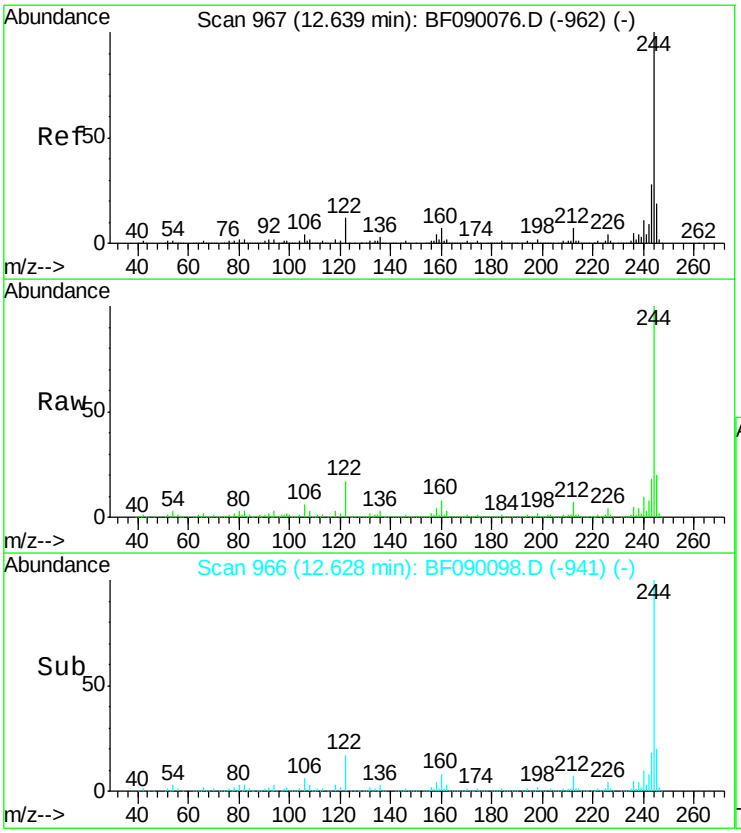
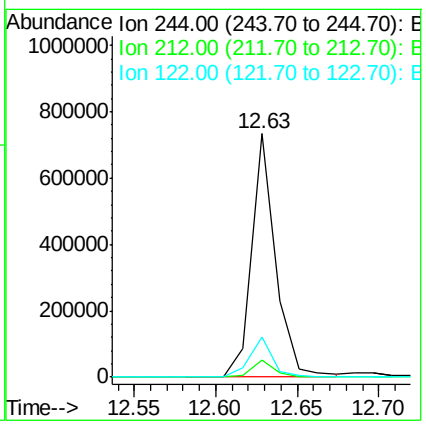
9/16/2016 3:58:33 AM

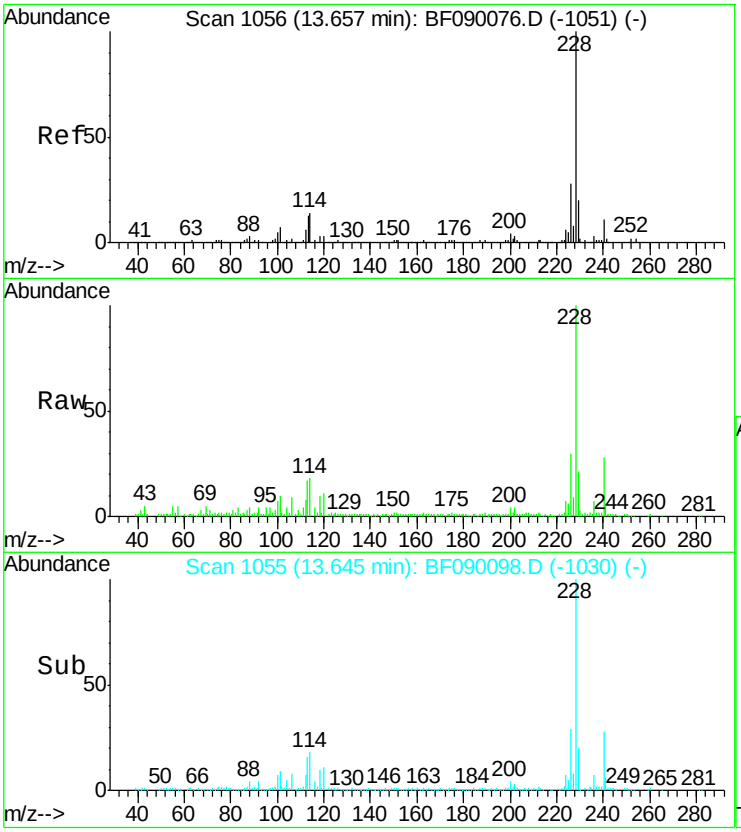


#78
Terphenyl-d14
Concen: 54.10 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:244 Resp: 748338

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	16.6	9.4	14.0#

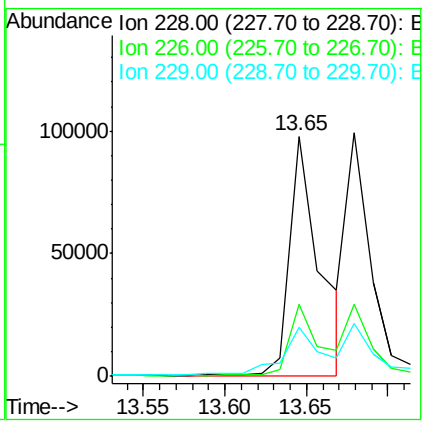




#80
Benzo(a)anthracene
Concen: 6.56 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:228 Resp: 125877

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.0	33.0
229	20.6	16.2	24.2



Instrument :
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ClientSampleId :
NC-TS-005

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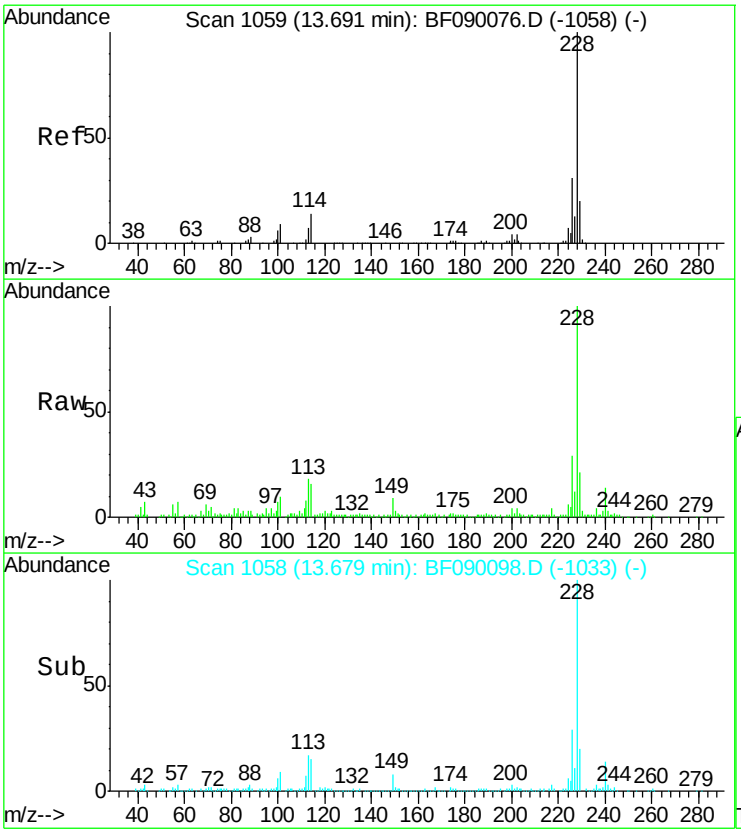
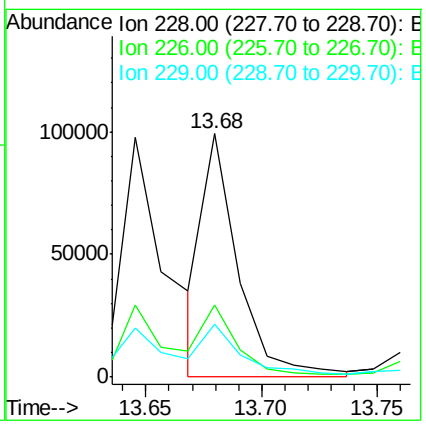
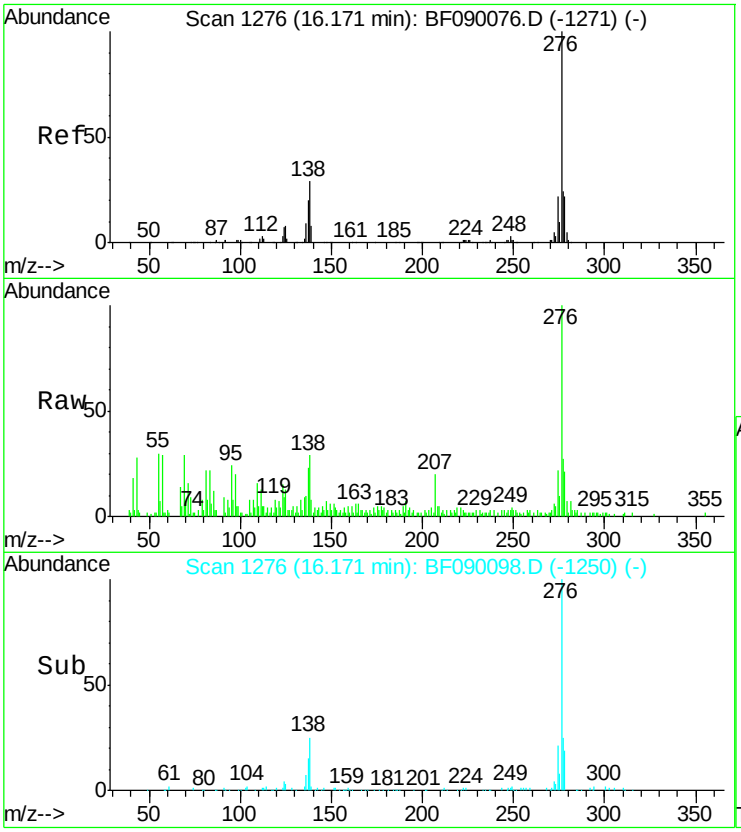


#82
Chrysene
Concen: 5.98 ng m
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:228 Resp: 107622

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	21.5	16.2	24.4

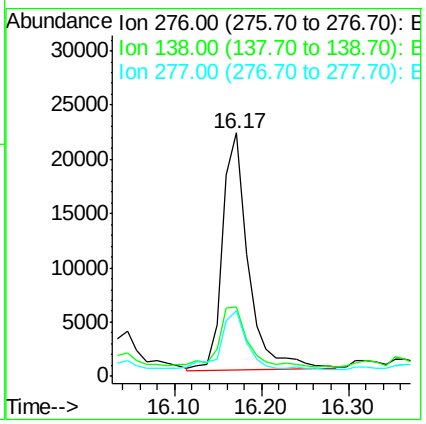




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ng
RT: 16.17 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:276 Resp: 45121

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.9	38.9
277	24.4	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

Manual Integrations APPROVED
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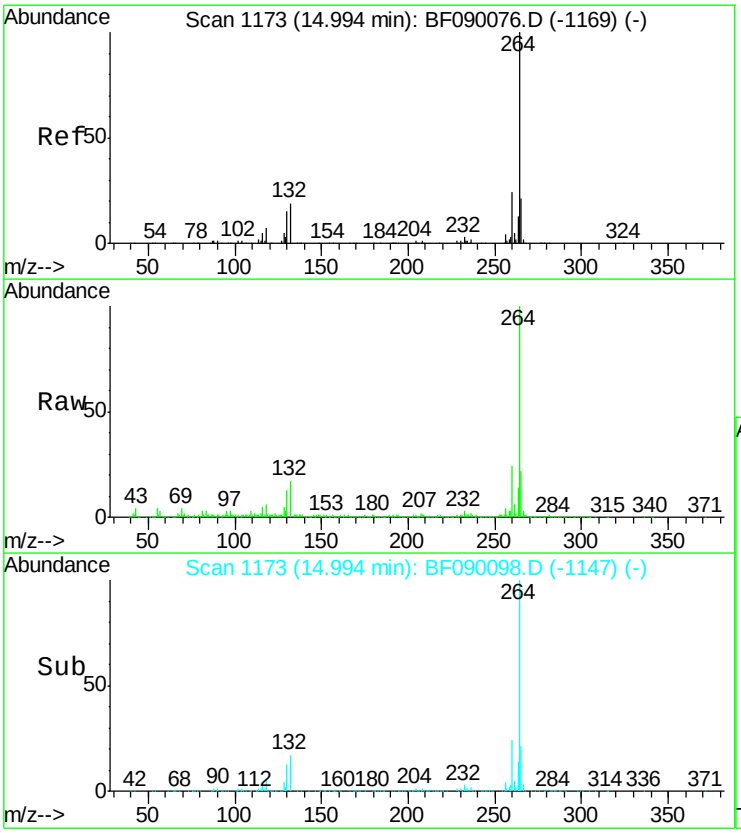
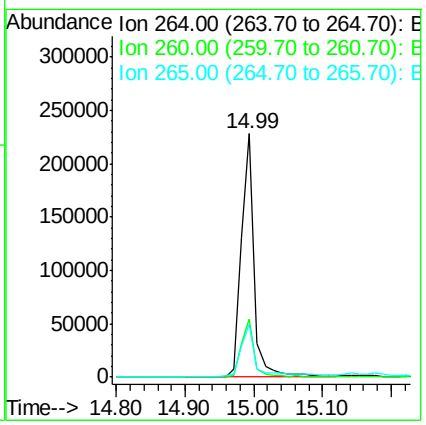
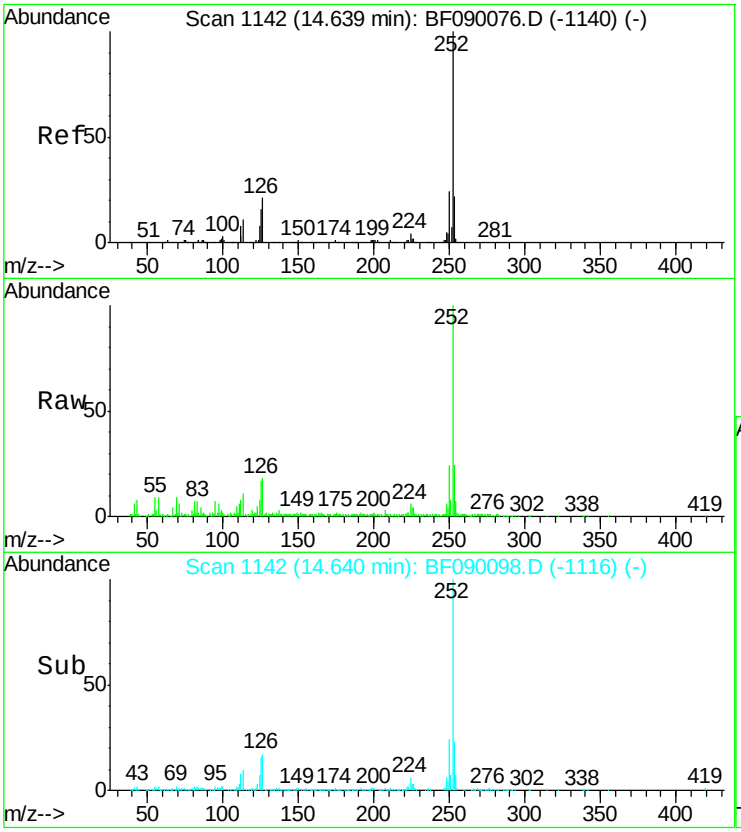


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:264 Resp: 294235

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.0	25.4

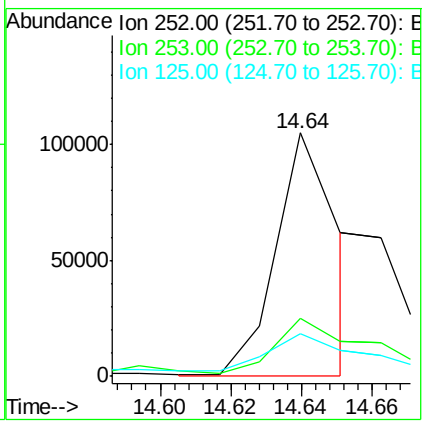




#87
Benzo(b)fluoranthene
Concen: 7.53 ng m
RT: 14.64 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:252 Resp: 129880

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	17.4	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

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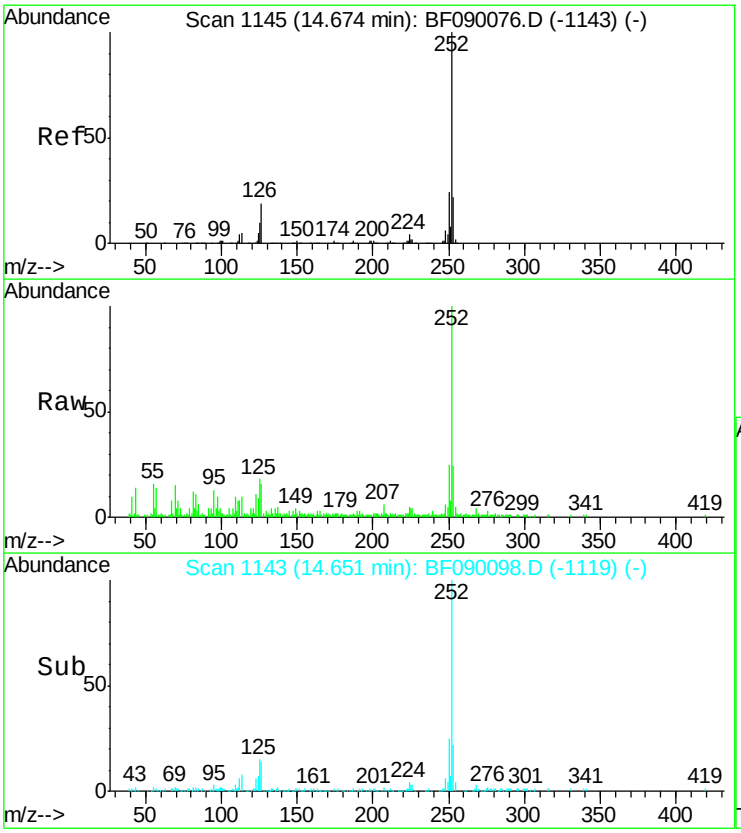
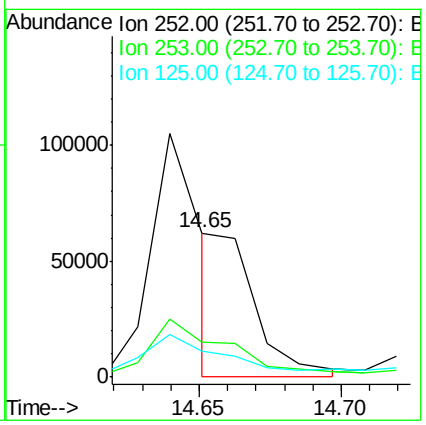
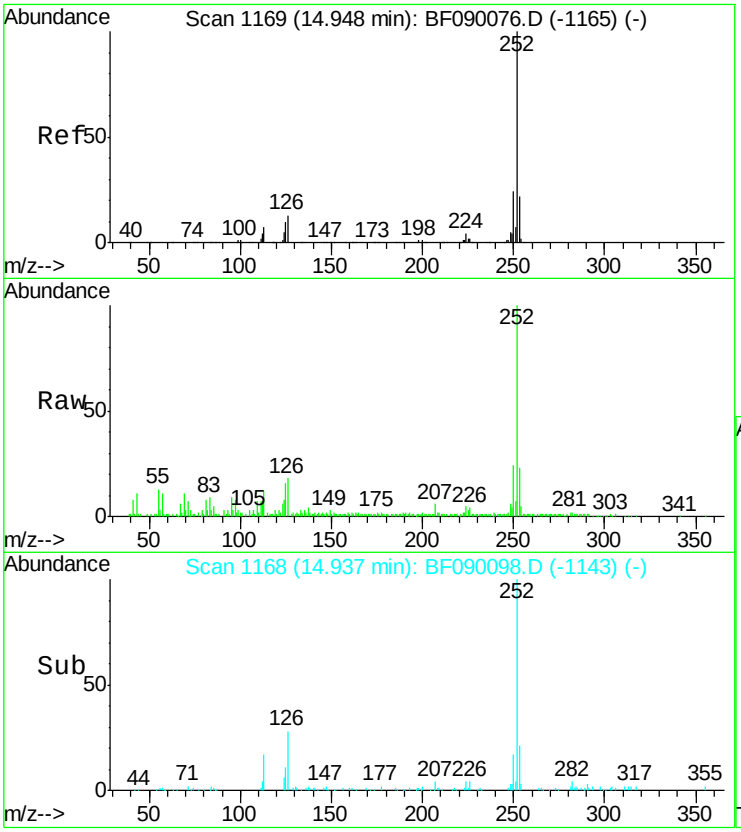


#88
Benzo(k)fluoranthene
Concen: 3.70 ng m
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:252 Resp: 57493

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	17.9	7.8	11.6#

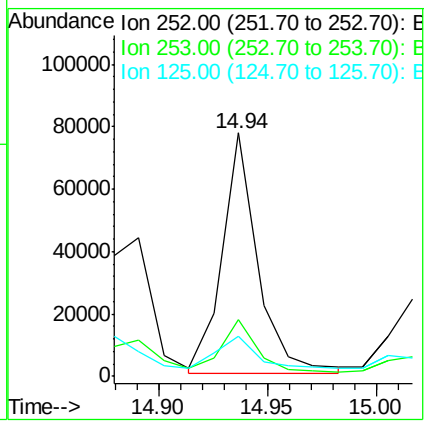




#89
Benzo(a)pyrene
Concen: 5.66 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:252 Resp: 87624

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	16.5	7.7	11.5#



Instrument :
BNA_F
ClientSampleId :
NC-TS-005

Manual Integrations APPROVED
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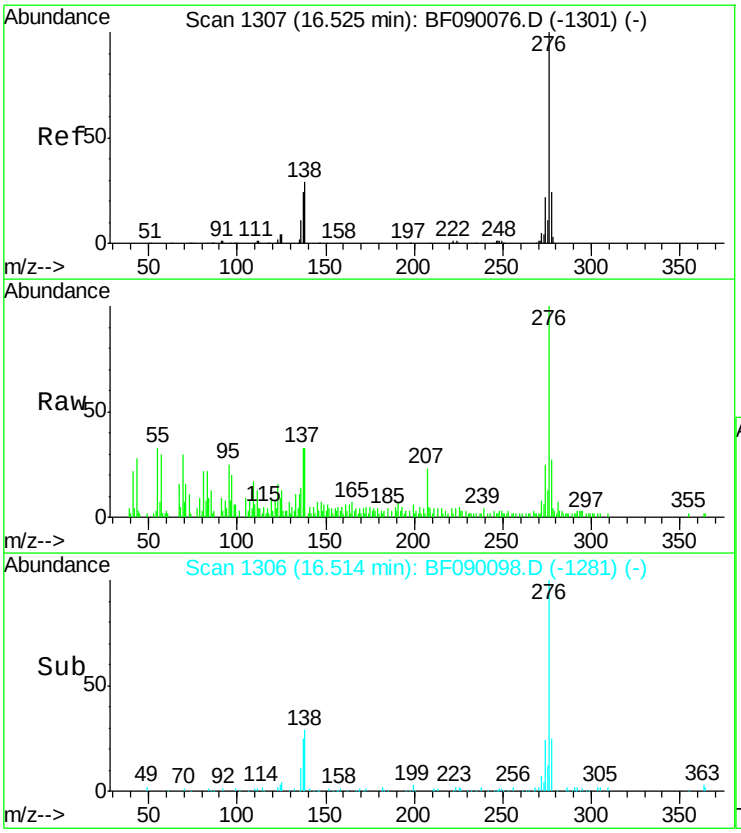

#91
Benzo(g,h,i)perylene
Concen: 3.44 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF090098.D
Acq: 15 Sep 2016 18:16

Tgt Ion:276 Resp: 39759

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.9	28.3
138	33.1	23.3	34.9