Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095174.D
Acq On : 17 May 2017 00:48
Operator : SJ/MA
Sample : I3151-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

Manual Integrations APPROVED
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5/17/2017 6:07:11 PM

Quant Time: May 17 08:05:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95544	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	346047	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	152102	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	208422	20.00	ng	0.04
75) Chrysene-d12	18.69	240	177218	20.00	ng	0.04
86) Perylene-d12	20.36	264	132027	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	873183	152.37	ng	0.07
7) Phenol-d6	7.32	99	1074457	156.26	ng	0.05
23) Nitrobenzene-d5	8.68	82	601615	109.63	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	172150	138.20	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1085245	102.70	ng	0.04
78) Terphenyl-d14	17.34	244	721275	89.64	ng	0.03
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	137171	10.99	ng	99
70) Phenanthrene	15.06	178	228206	19.06	ng	98
71) Anthracene	15.15	178	44754m	3.66	ng	
72) Carbazole	15.44	167	22405	2.01	ng	99
74) Fluoranthene	16.80	202	269803	21.96	ng	98
77) Pyrene	17.10	202	246586	18.60	ng	96
80) Benzo(a)anthracene	18.68	228	99996	9.70	ng	97
82) Chrysene	18.72	228	96990	9.73	ng	99
85) Indeno(1,2,3-cd)pyrene	21.71	276	38842	4.80	ng	95
87) Benzo(b)fluoranthene	19.96	252	93302m	11.44	ng	
88) Benzo(k)fluoranthene	19.99	252	31806m	4.04	ng	
89) Benzo(a)pyrene	20.31	252	64739	8.60	ng	97
91) Benzo(g,h,i)perylene	22.09	276	39487	6.47	ng	98

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

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ClientSampleId :
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Manual Integrations APPROVED
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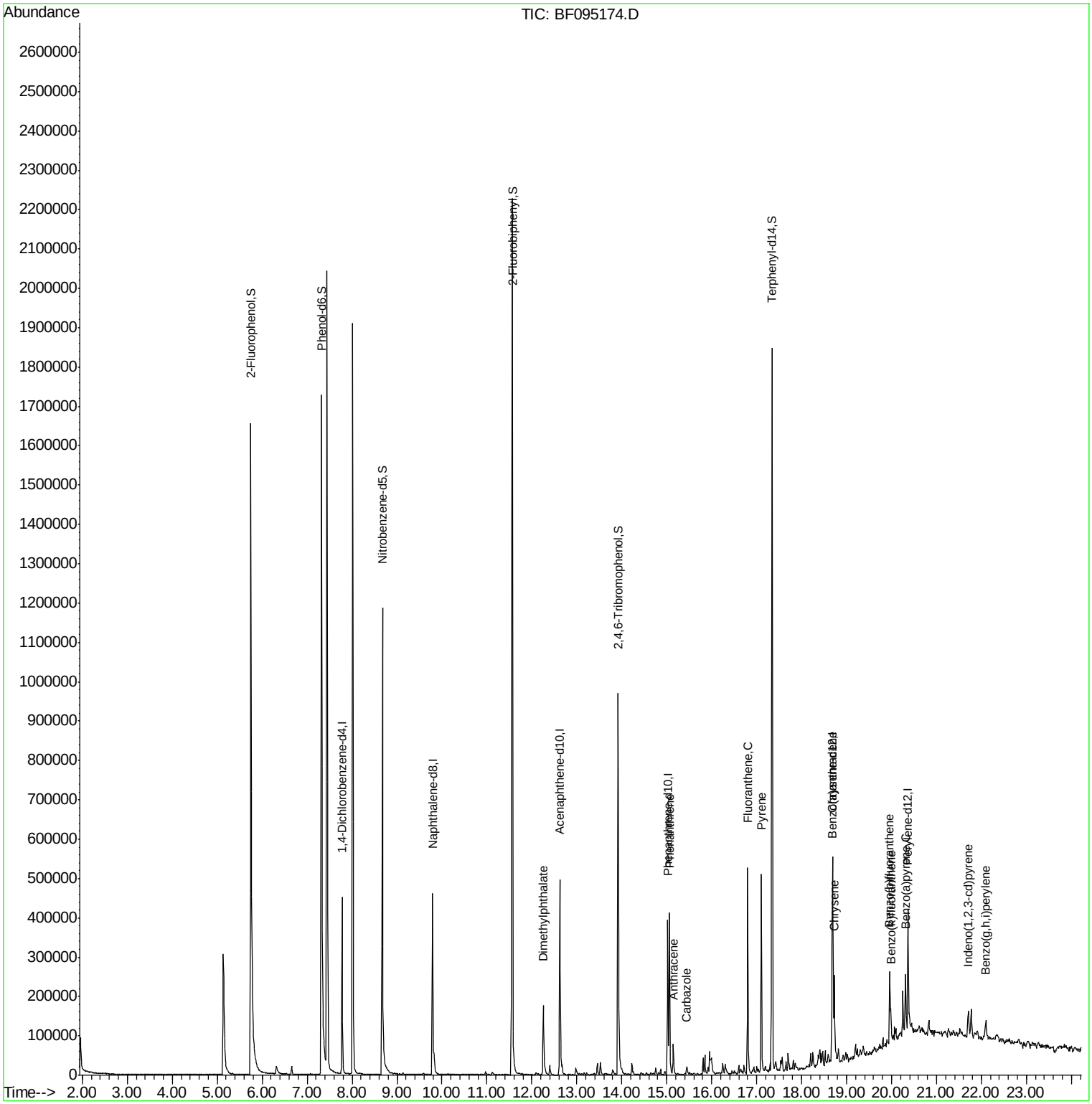
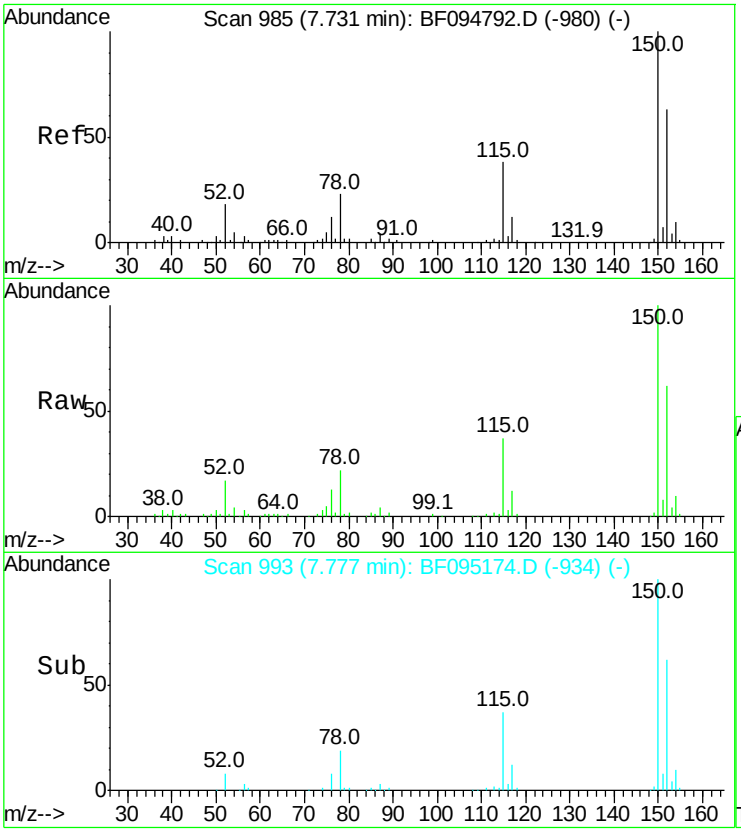
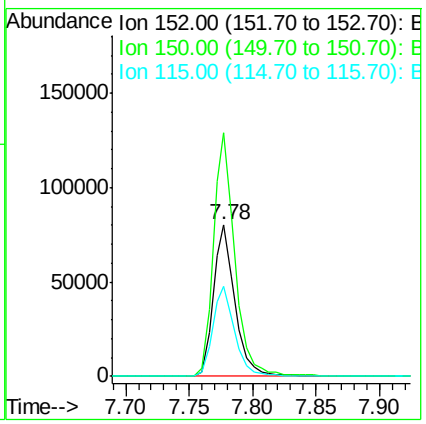




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:152 Resp: 95544

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	58.9	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

Manual Integrations APPROVED
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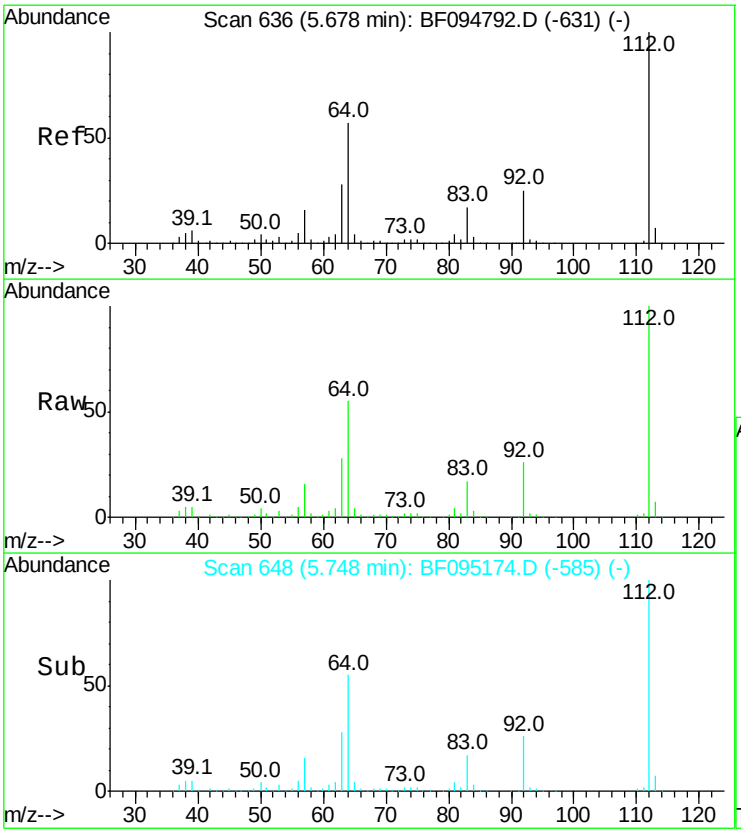
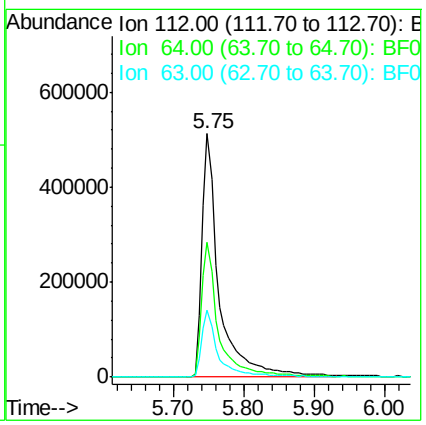
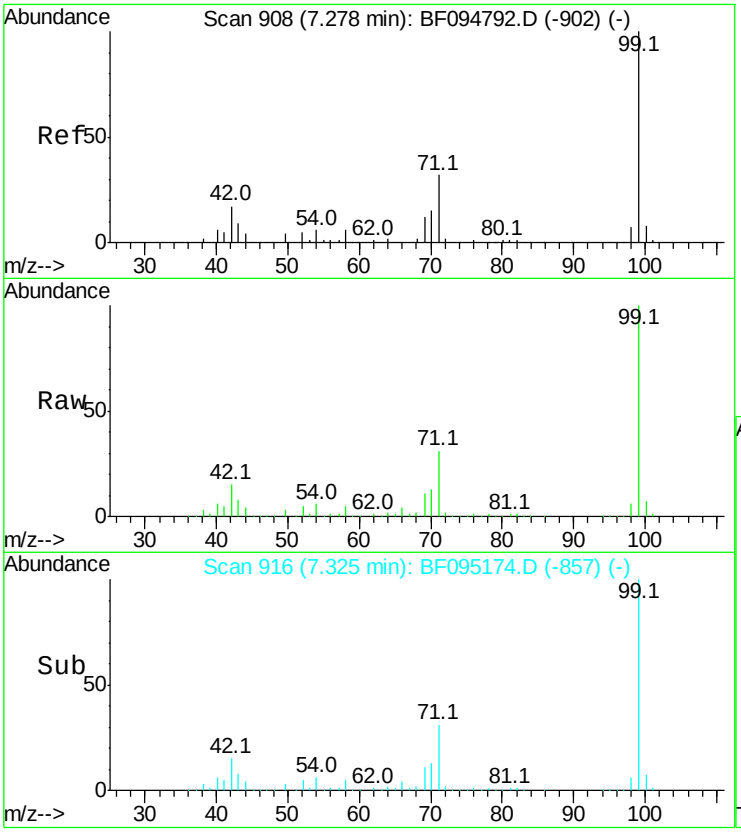


#5
2-Fluorophenol
Concen: 152.37 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:112 Resp: 873183

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.6	23.4	35.0

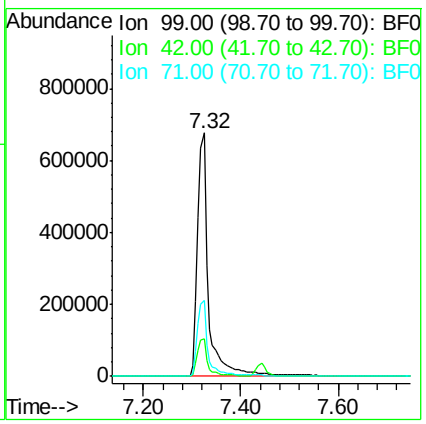




#7
Phenol-d6
Concen: 156.26 ng
RT: 7.32 min Scan# 916
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion: 99 Resp: 1074457

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	31.3	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

Manual Integrations APPROVED
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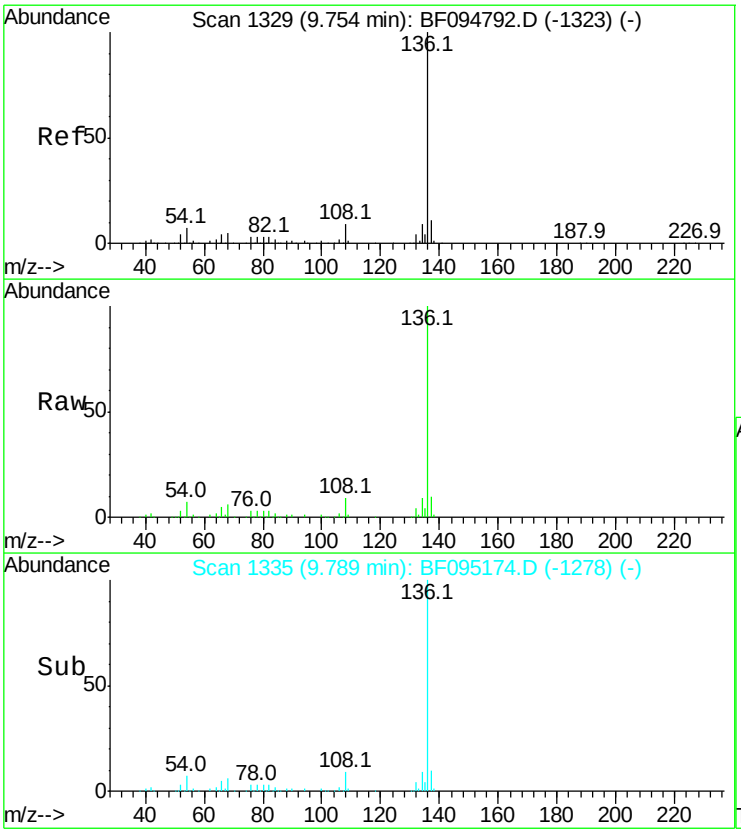
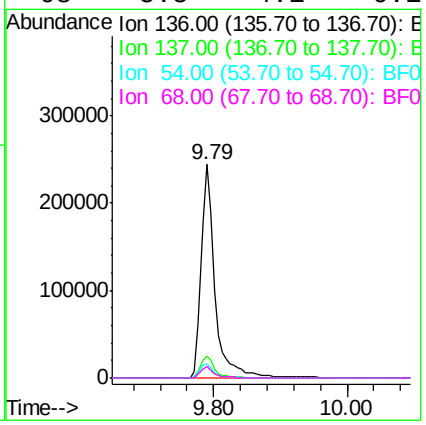
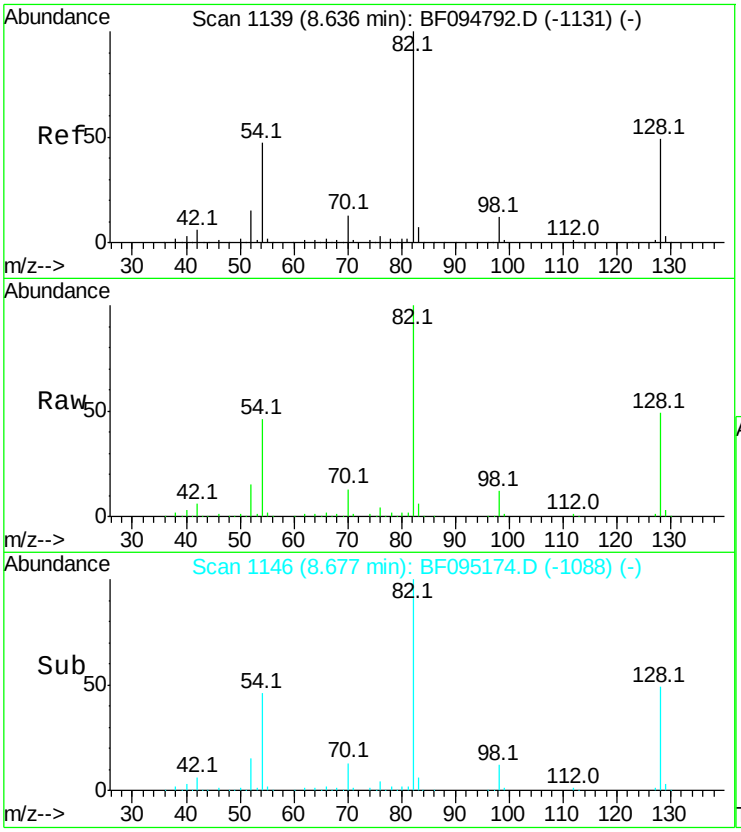


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:136 Resp: 346047

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.8	4.9	7.3
68	5.5	4.1	6.1

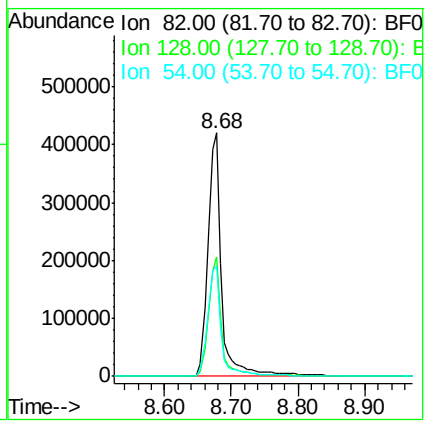




#23
Nitrobenzene-d5
Concen: 109.63 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion: 82 Resp: 601615

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	45.6	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

Manual Integrations APPROVED
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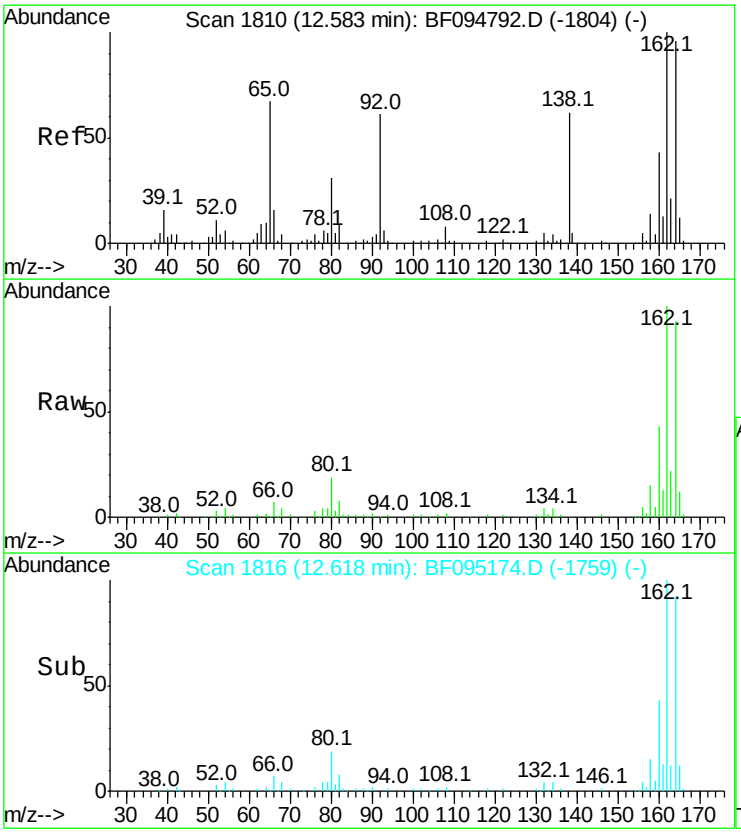
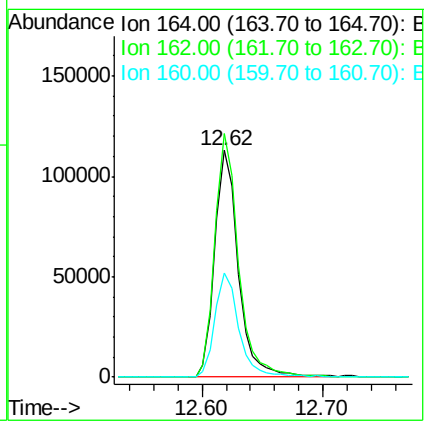
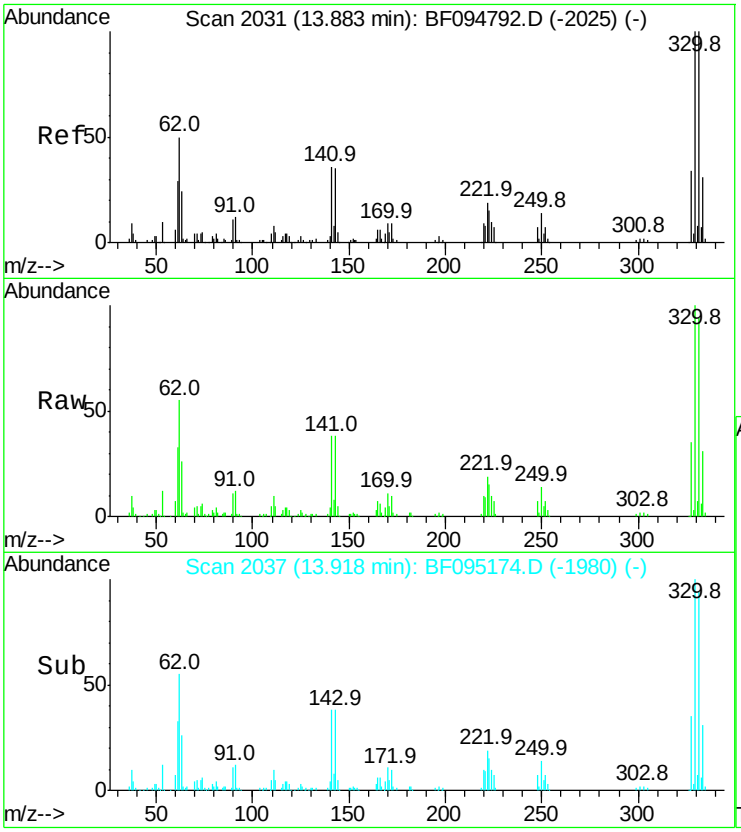


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:164 Resp: 152102

Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	46.1	36.2	54.2





#41
2,4,6-Tribromophenol
Concen: 138.20 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:330 Resp: 172150

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.5	31.4	47.2

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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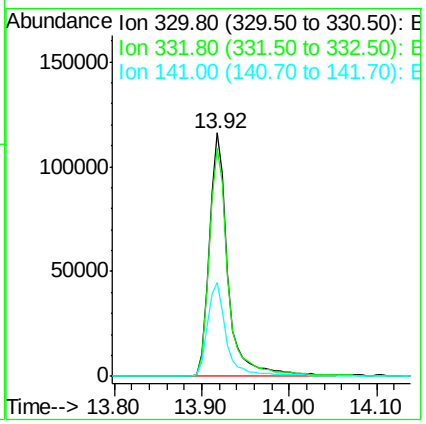
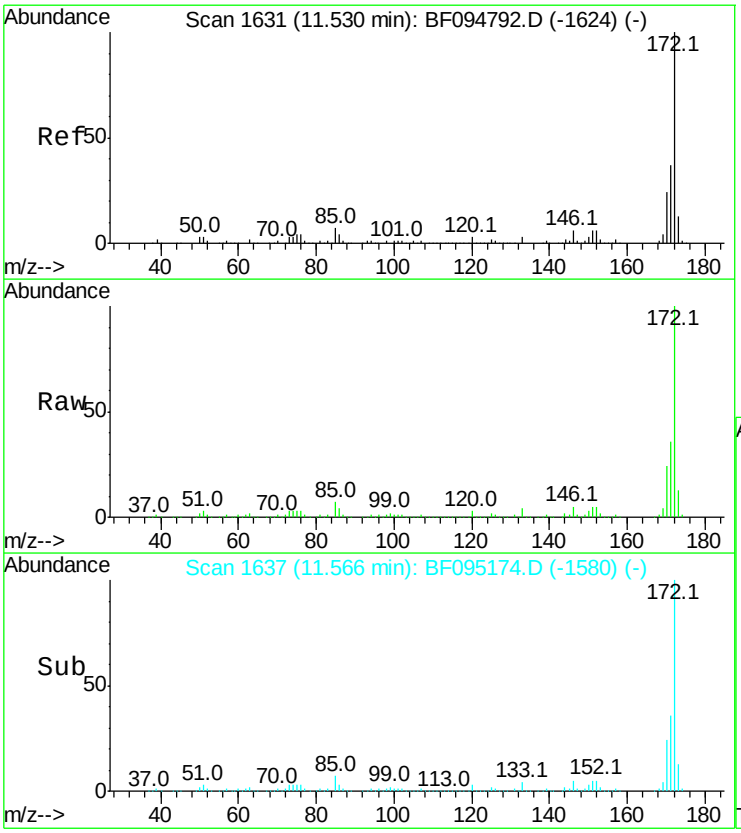
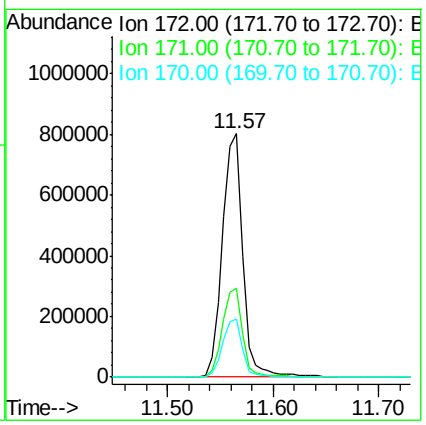


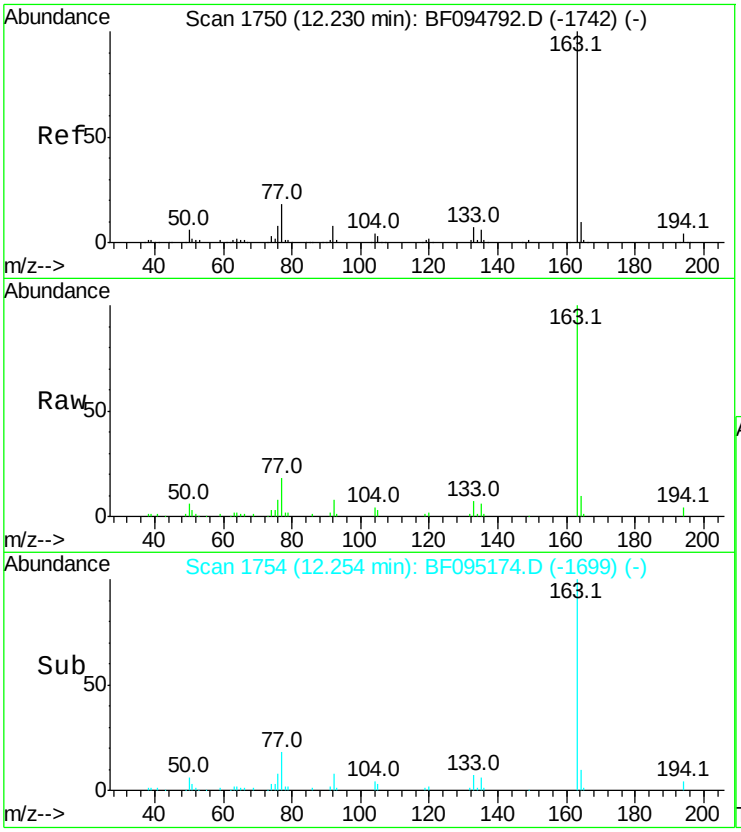


#44
2-Fluorobiphenyl
Concen: 102.70 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:172 Resp: 1085245

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8





#49
Dimethylphthalate
Concen: 10.99 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:163 Resp: 137171

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.0	8.4	12.6

Instrument :
BNA_F
ClientSampleId :
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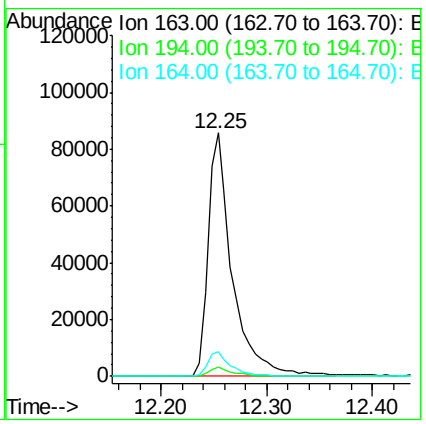
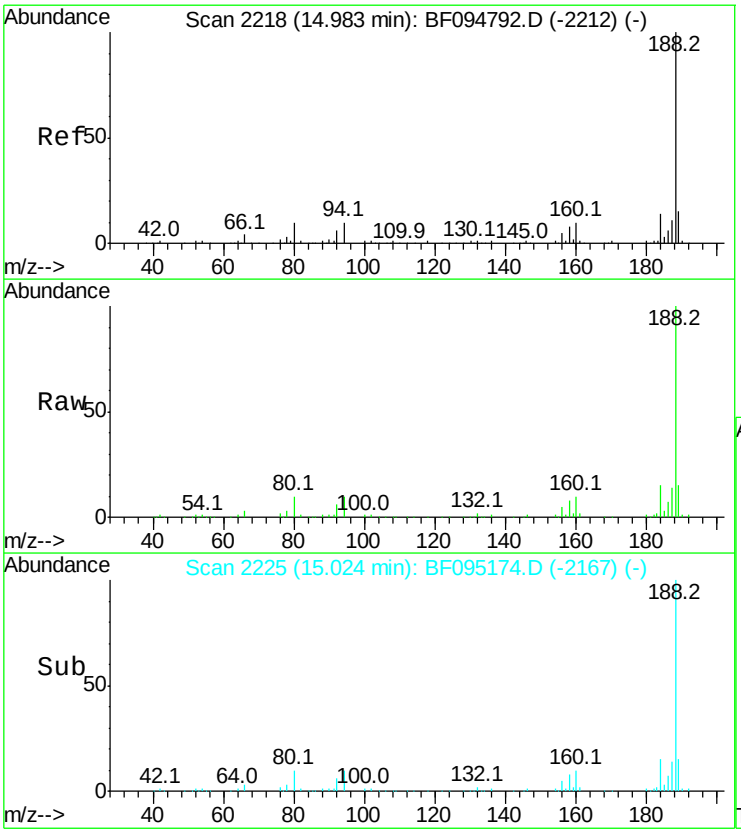
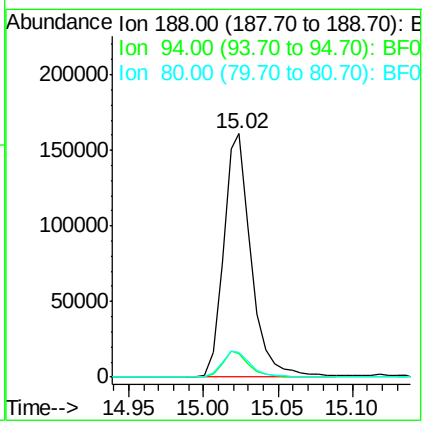


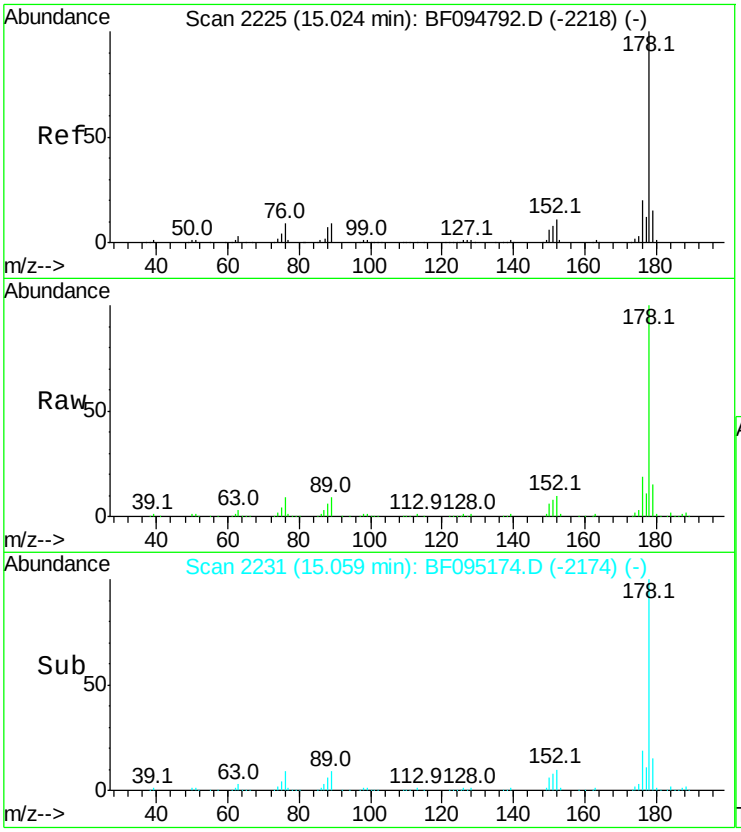


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:188 Resp: 208422

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.4	10.2	15.2





#70
Phenanthrene
Concen: 19.06 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:178 Resp: 228206

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0

Instrument :
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ClientSampleId :
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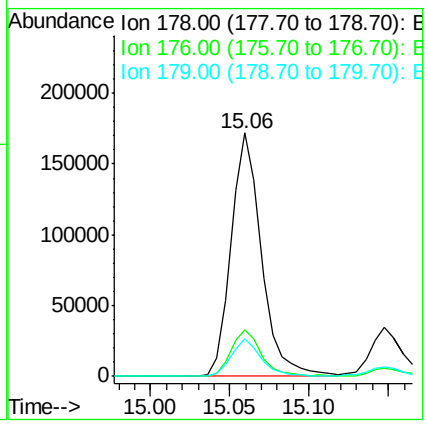
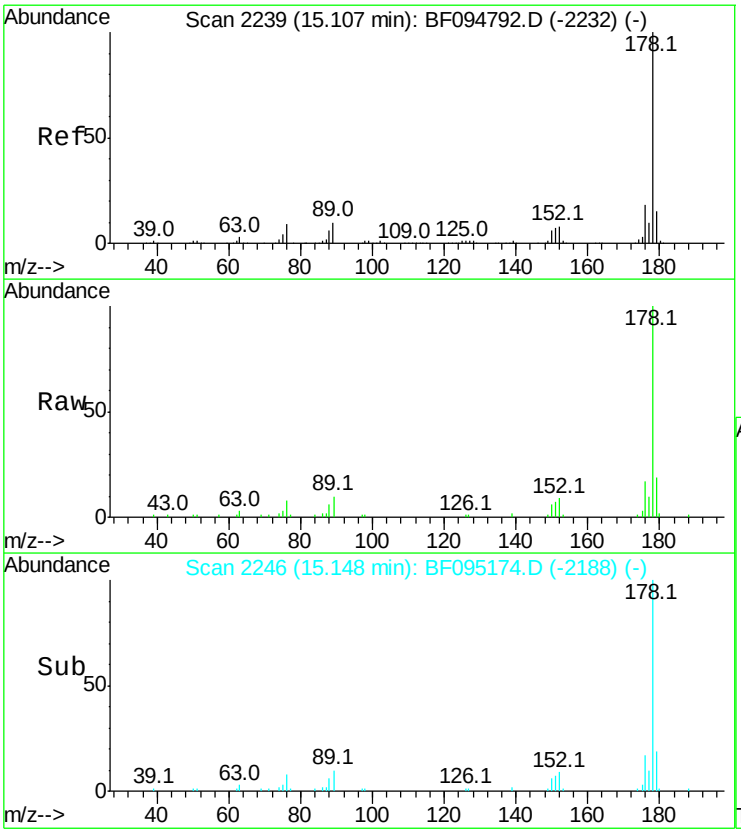
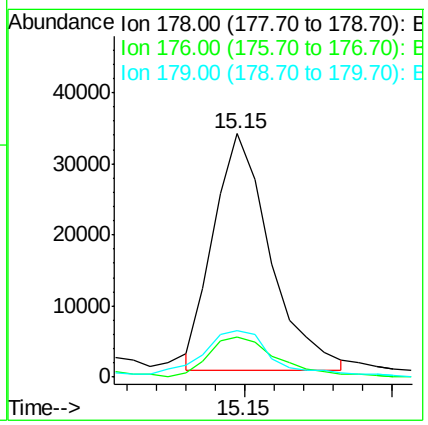


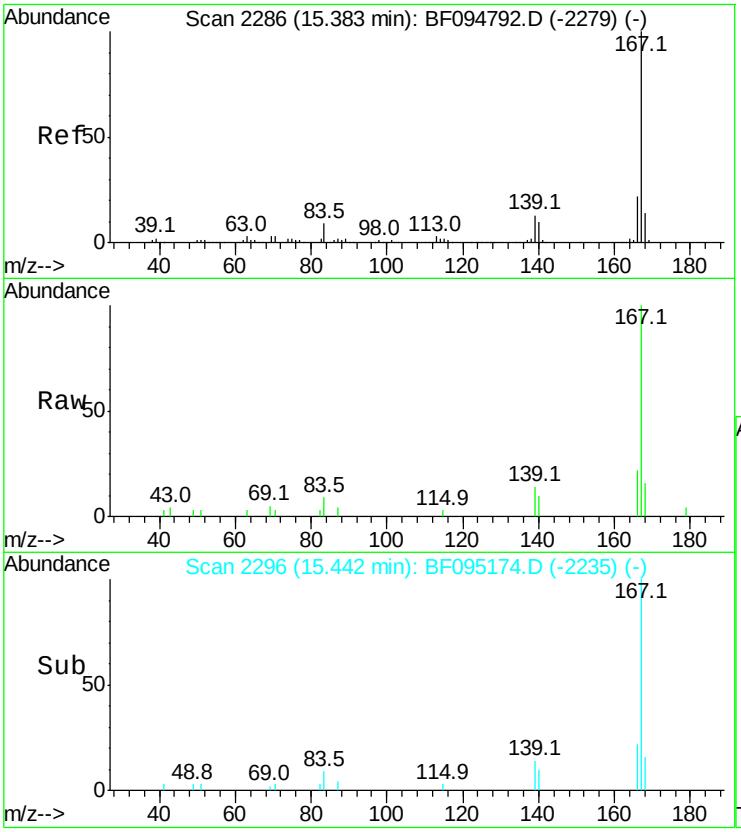


#71
Anthracene
Concen: 3.66 ng m
RT: 15.15 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:178 Resp: 44754

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.8	23.8
179	19.2	12.7	19.1#

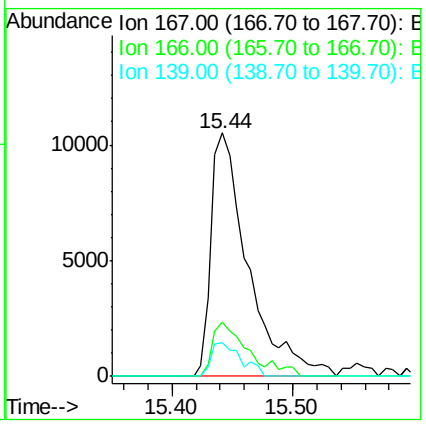




#72
Carbazole
Concen: 2.01 ng
RT: 15.44 min Scan# 2296
Delta R.T. 0.06 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:167 Resp: 22405

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.6	11.7	17.5



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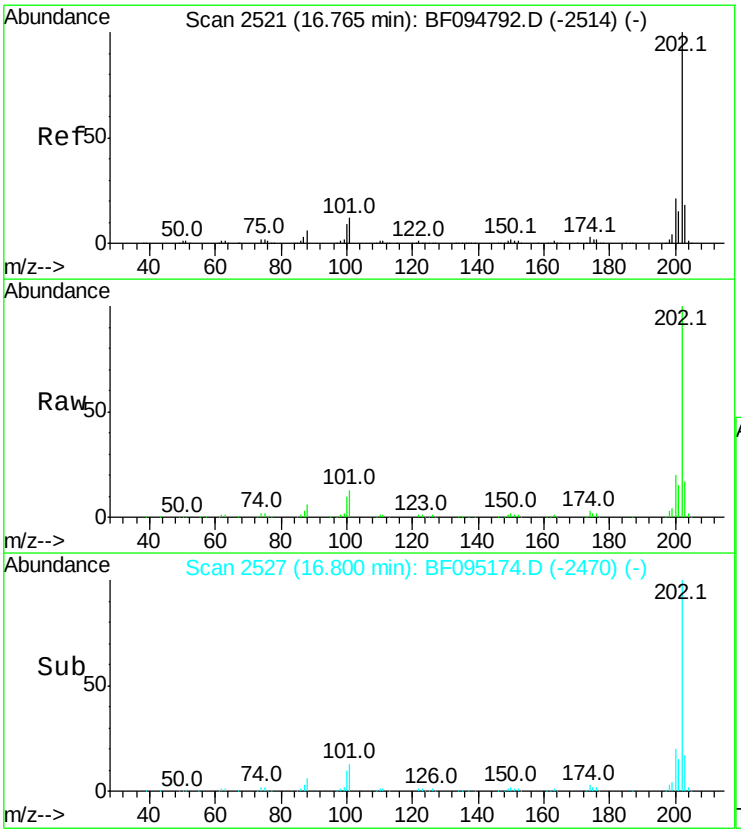
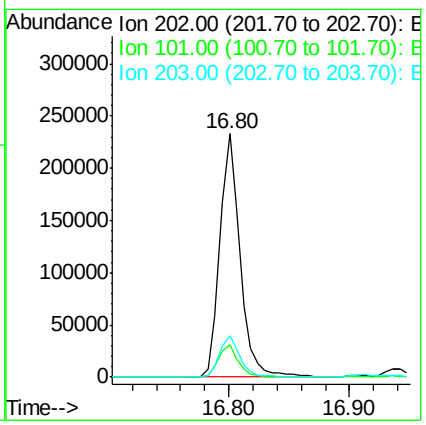
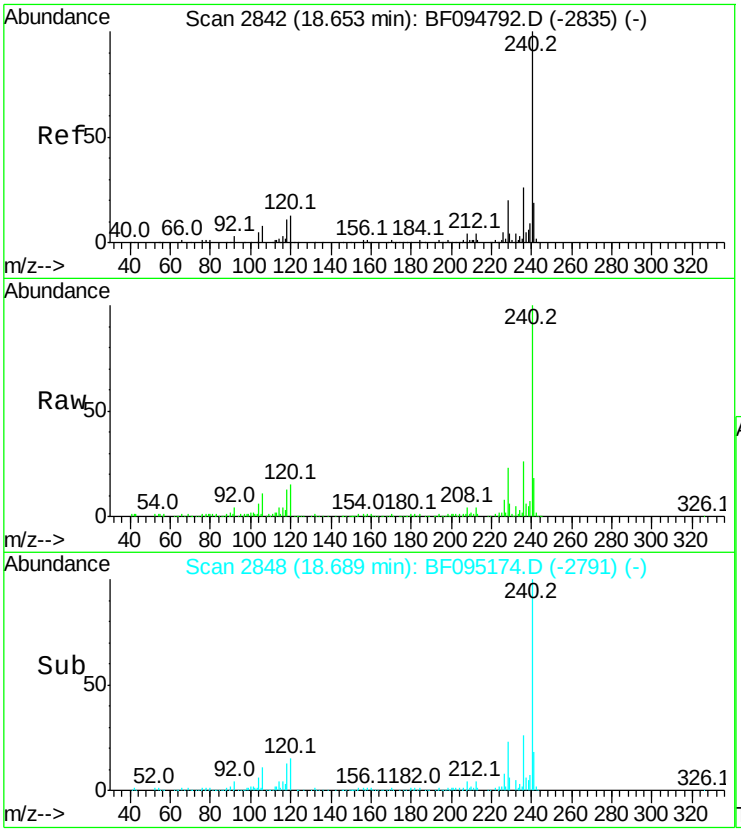


#74
Fluoranthene
Concen: 21.96 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:202 Resp: 269803

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.0	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:240 Resp: 177218

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.7	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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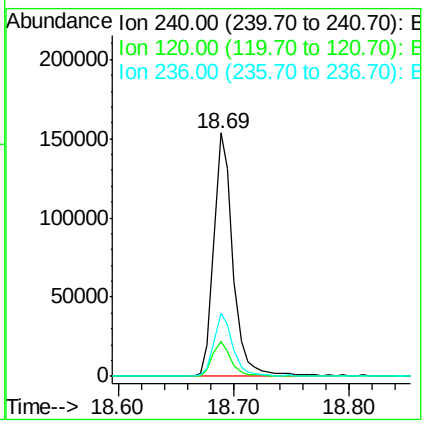
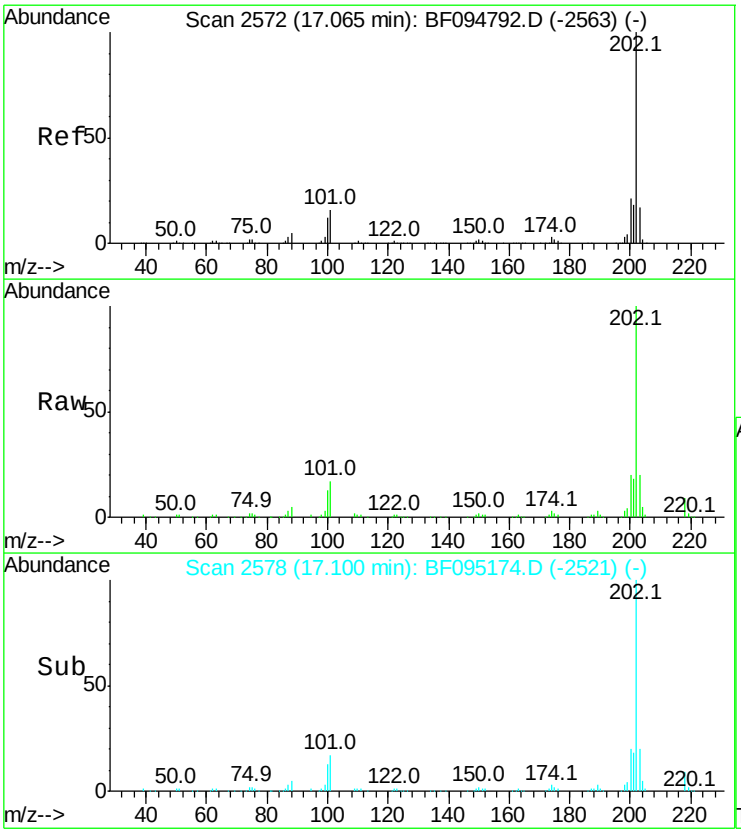
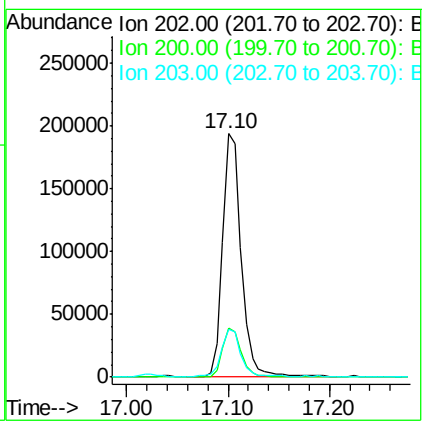


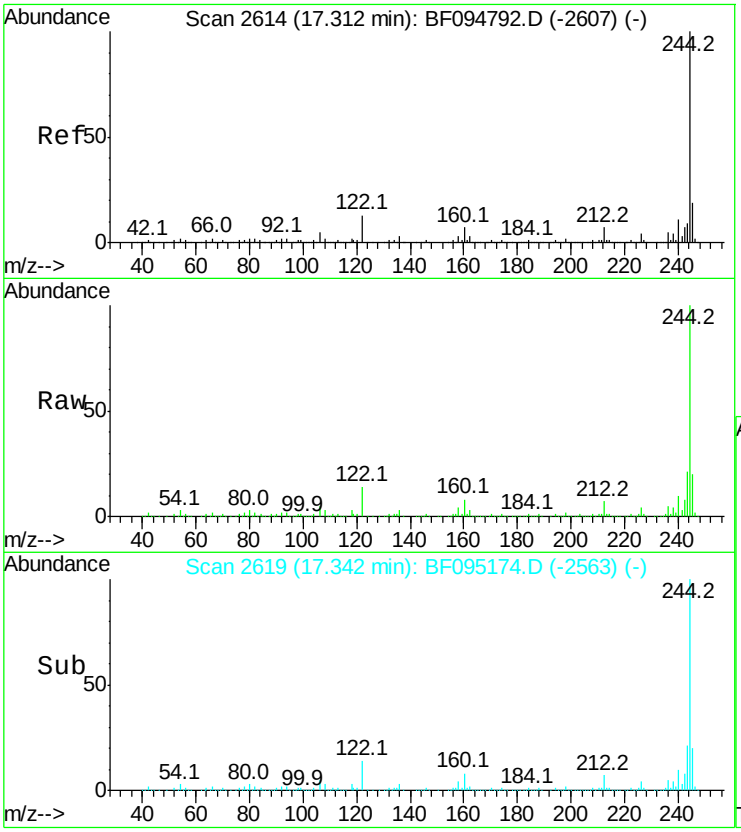


#77
Pyrene
Concen: 18.60 ng
RT: 17.10 min Scan# 2578
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:202 Resp: 246586

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.7	14.4	21.6

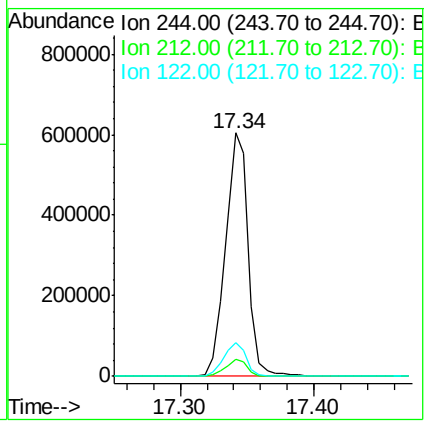




#78
Terphenyl-d14
Concen: 89.64 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:244 Resp: 721275

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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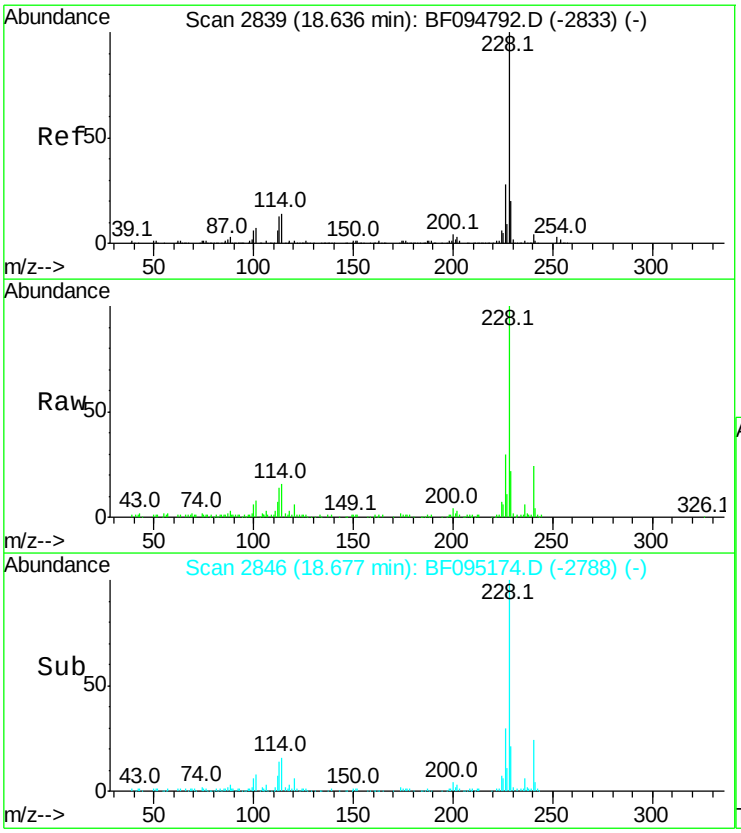
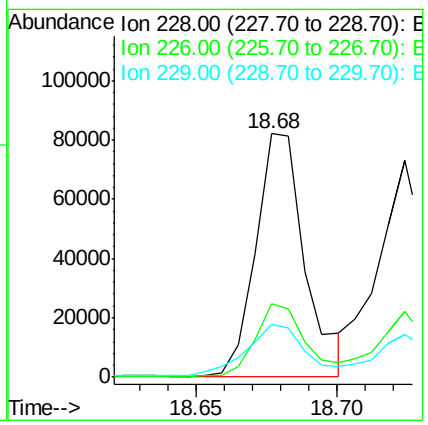
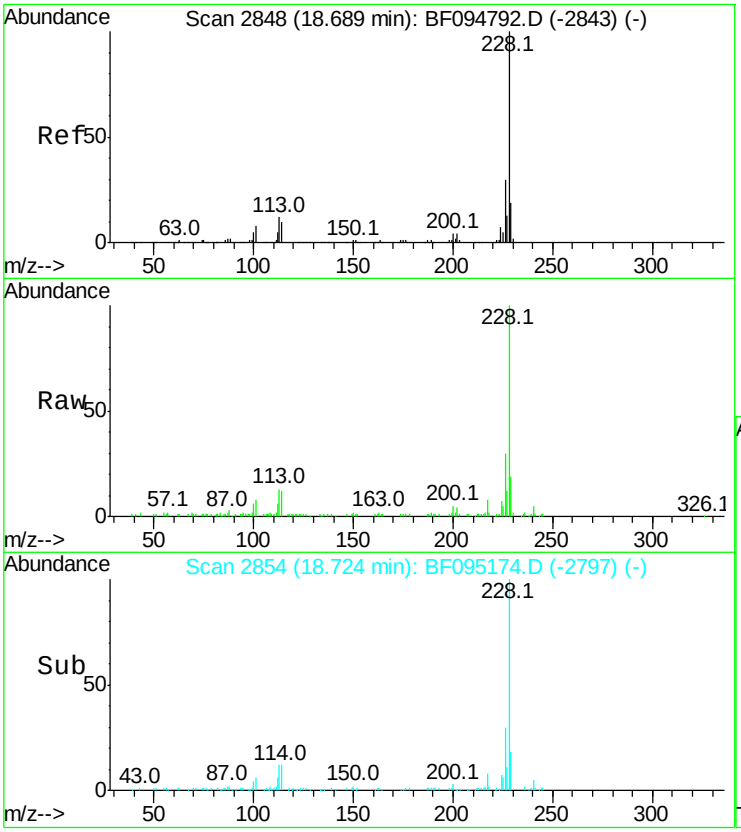


#80
Benzo(a)anthracene
Concen: 9.70 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:228 Resp: 99996

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.7	16.3	24.5

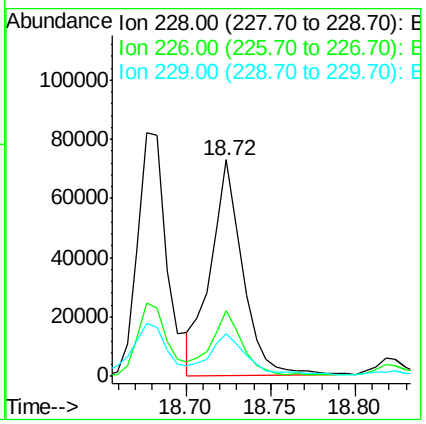




#82
Chrysene
Concen: 9.73 ng
RT: 18.72 min Scan# 2854
Delta R.T. 0.04 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:228 Resp: 96990

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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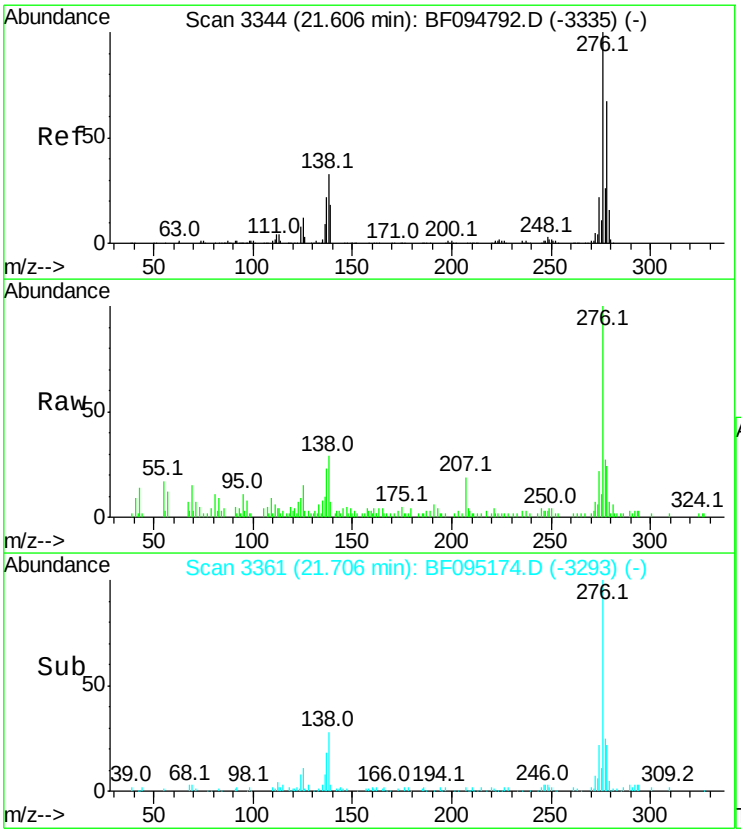
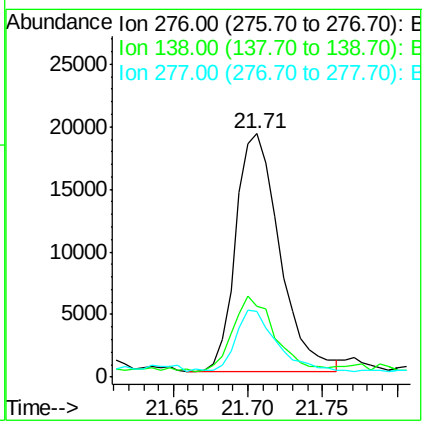
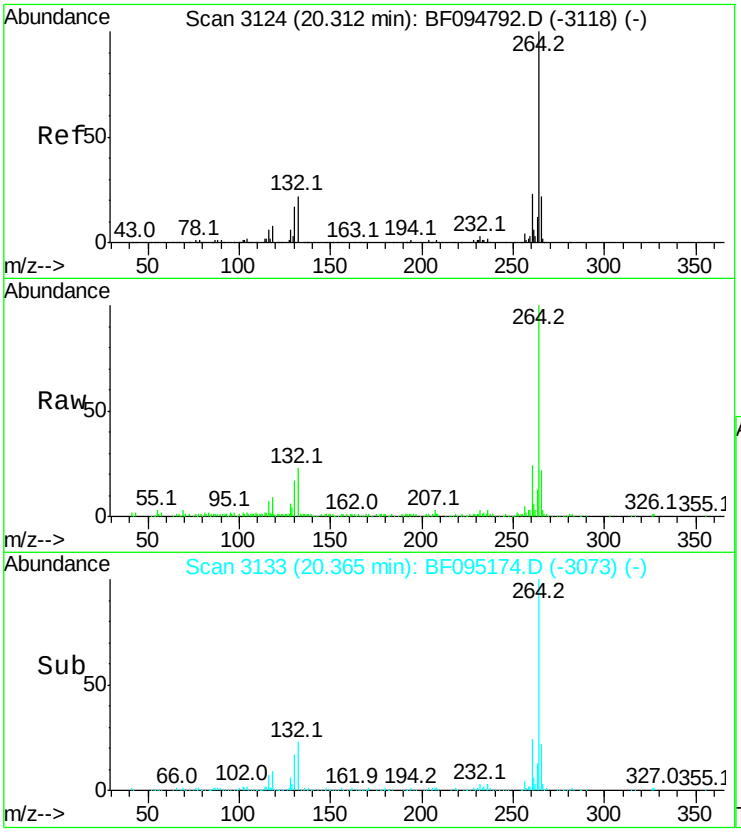


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.80 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:276 Resp: 38842

Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	23.6	20.2	30.4

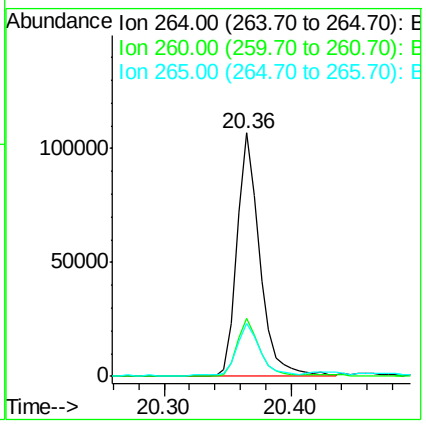




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:264 Resp: 132027

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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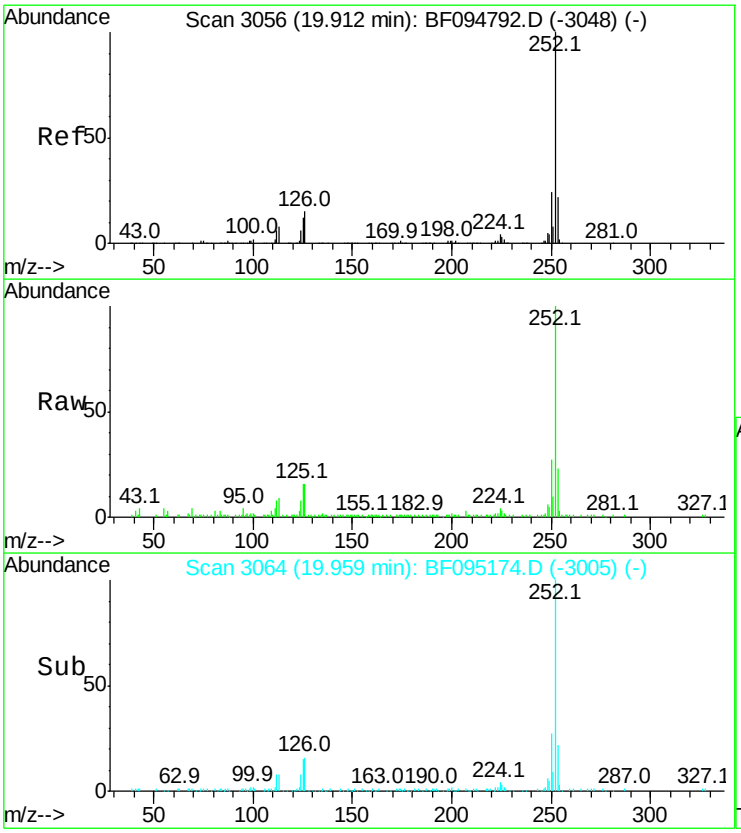
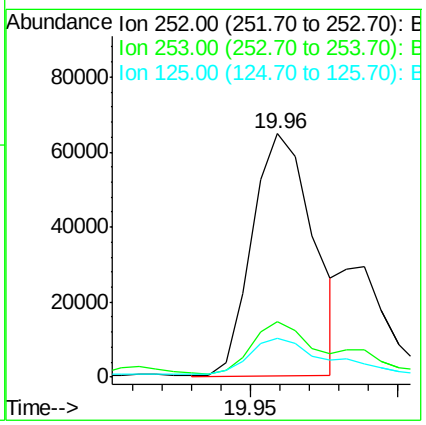
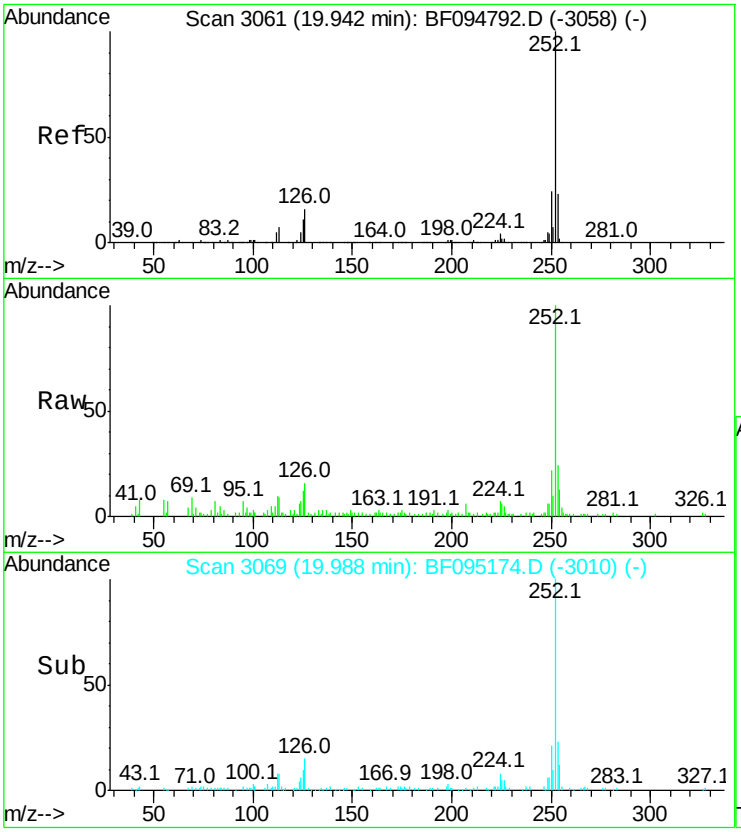


#87
Benzo(b)fluoranthene
Concen: 11.44 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:252 Resp: 93302

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	16.2	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 4.04 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:252 Resp: 31806

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	12.1	13.1	19.7#

Instrument :
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ClientSampleId :
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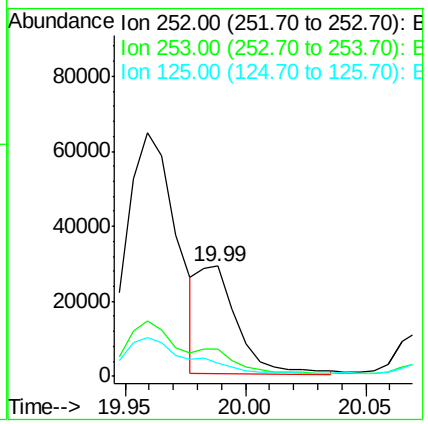
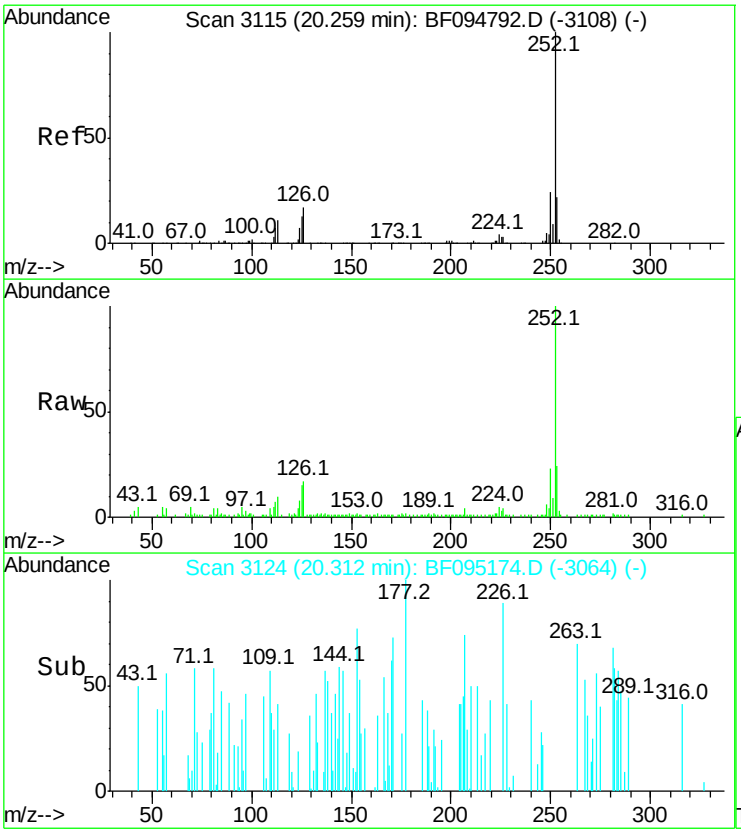
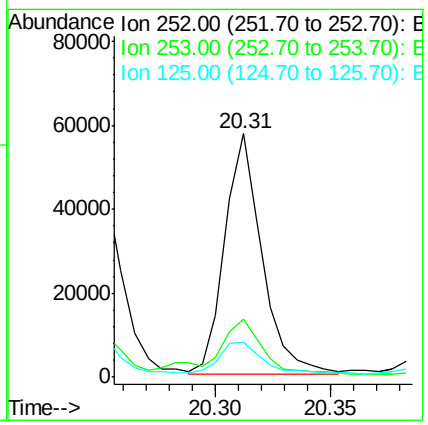


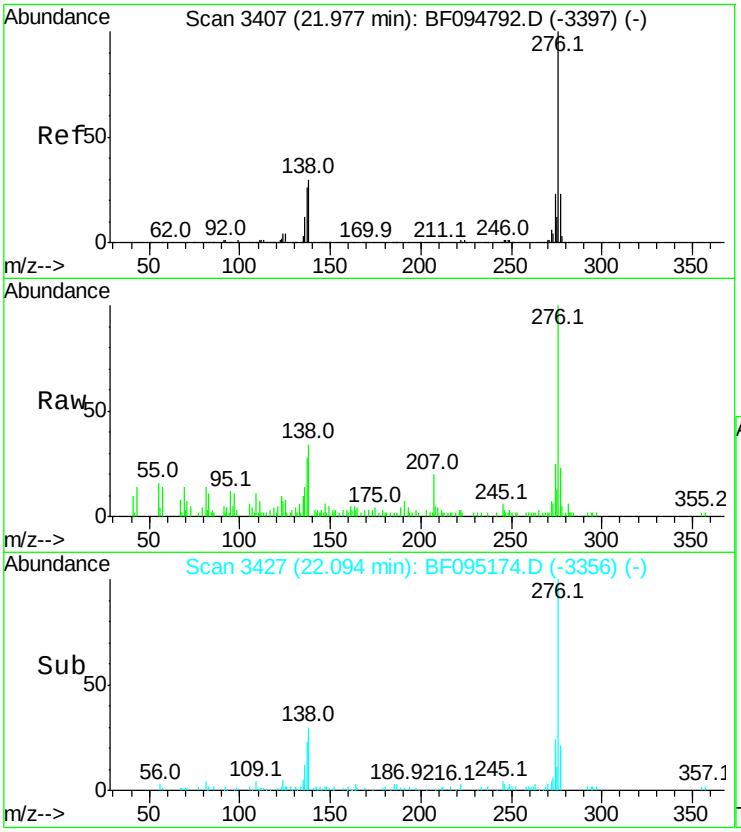


#89
Benzo(a)pyrene
Concen: 8.60 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:252 Resp: 64739

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	14.6	11.0	16.4

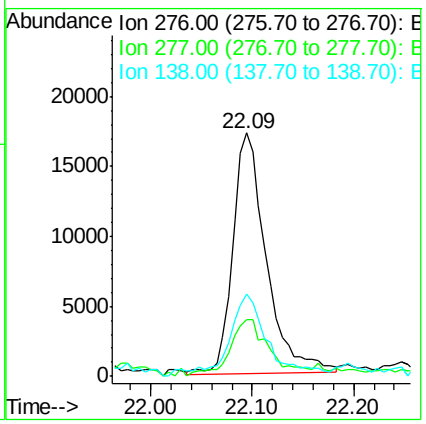




#91
Benzo(g,h,i)perylene
Concen: 6.47 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.12 min
Lab File: BF095174.D
Acq: 17 May 2017 00:48

Tgt Ion:276 Resp: 39487

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	33.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
NM10-COMP-0-6

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