Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094105.D
Acq On : 31 Mar 2017 19:25
Operator : SJ/MA
Sample : I2463-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q11-BASE

Manual Integrations APPROVED
mohammad
4/3/2017 3:26:03 PM

Quant Time: Apr 01 00:28:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	194385	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	754733	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	323220	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	536860	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	335871	20.00	ng	-0.01
86) Perylene-d12	16.25	264	304689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1130379	98.22	ng	0.00
7) Phenol-d6	5.50	99	1426682	100.21	ng	0.00
23) Nitrobenzene-d5	6.55	82	865987	65.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	253712	99.33	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1208820	57.04	ng	0.00
78) Terphenyl-d14	13.34	244	689124	45.99	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.43	128	97677	2.69	ng	99
49) Dimethylphthalate	9.22	163	75347	3.28	ng	98
70) Phenanthrene	11.39	178	246227	8.24	ng	98
71) Anthracene	11.46	178	63386	2.06	ng	98
74) Fluoranthene	12.86	202	346943	11.35	ng	98
77) Pyrene	13.13	202	481171	19.74	ng	99
80) Benzo(a)anthracene	14.60	228	155001m	7.91	ng	
82) Chrysene	14.64	228	150552	8.28	ng	97
85) Indeno(1,2,3-cd)pyrene	17.59	276	117965	7.49	ng	97
87) Benzo(b)fluoranthene	15.84	252	204787m	10.97	ng	
88) Benzo(k)fluoranthene	15.87	252	71760m	3.93	ng	
89) Benzo(a)pyrene	16.19	252	185306	10.77	ng	98
91) Benzo(g,h,i)perylene	17.99	276	150042	10.22	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
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Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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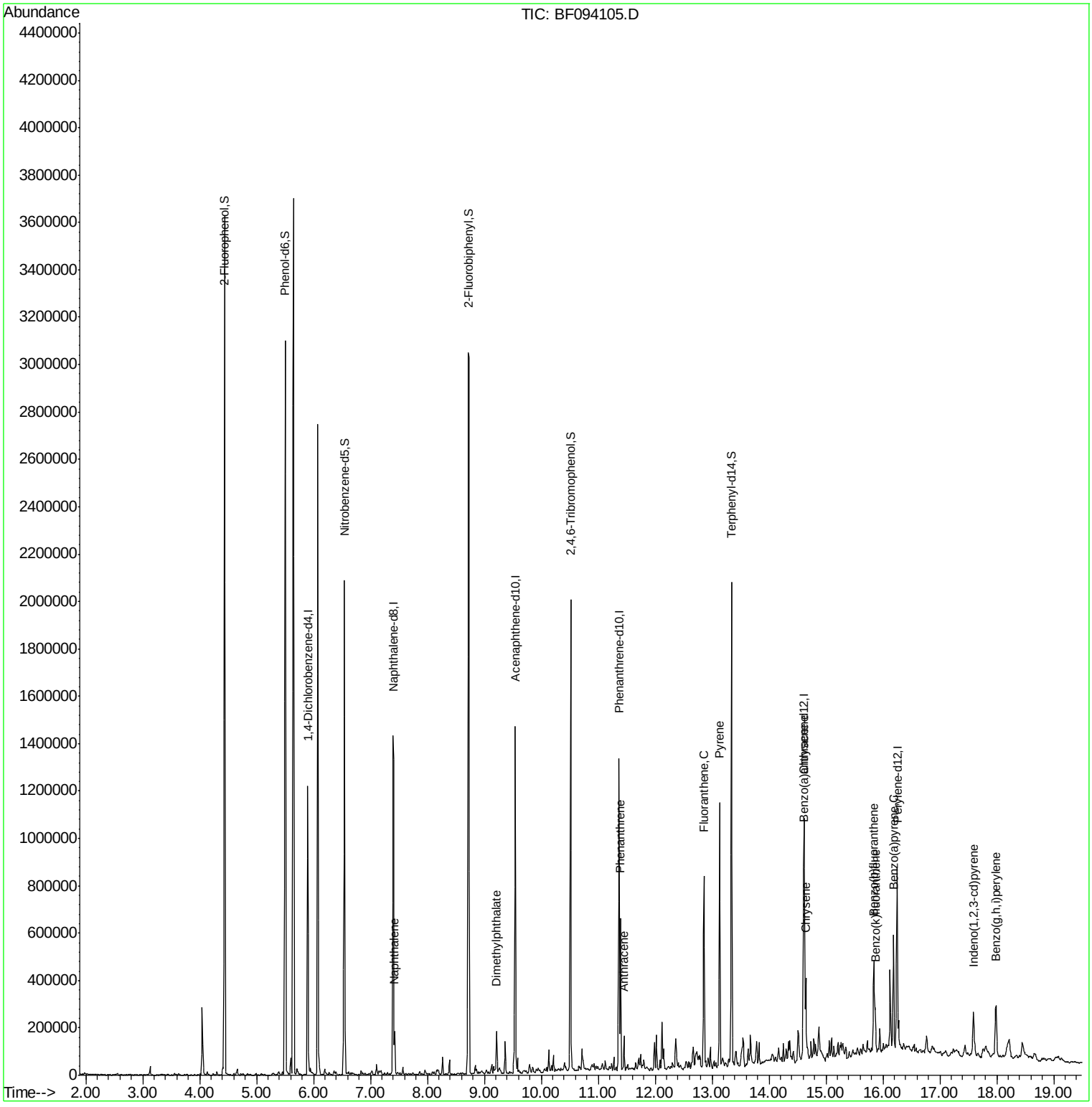
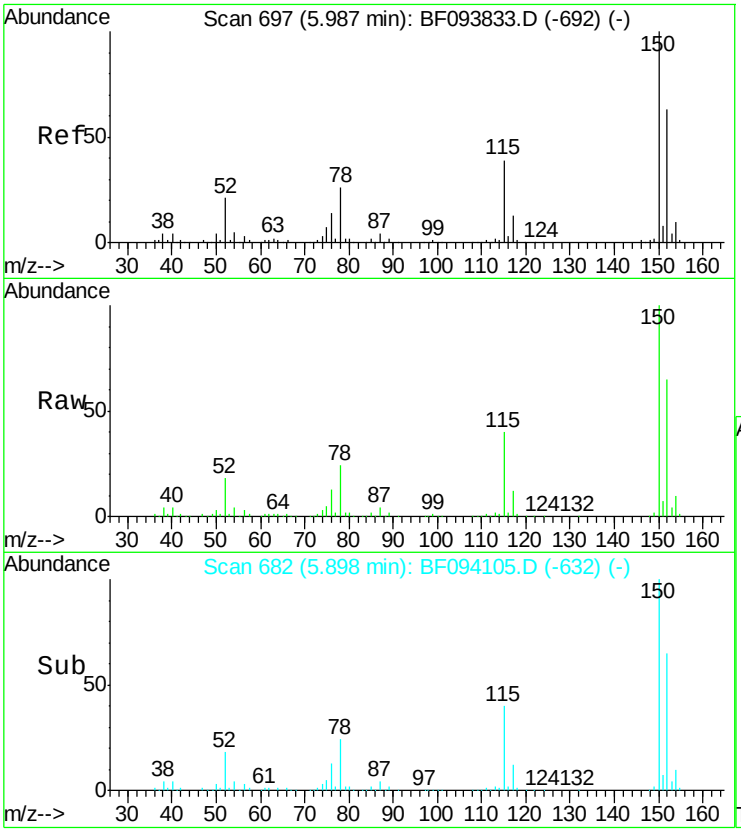
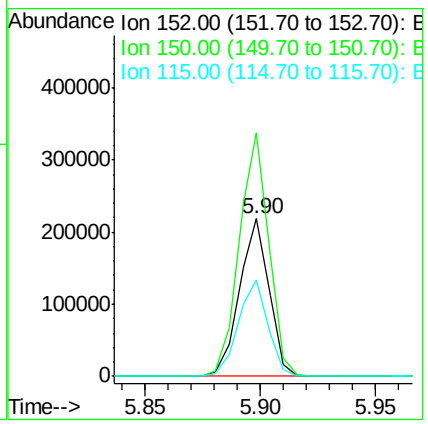




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:152 Resp: 194385

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	61.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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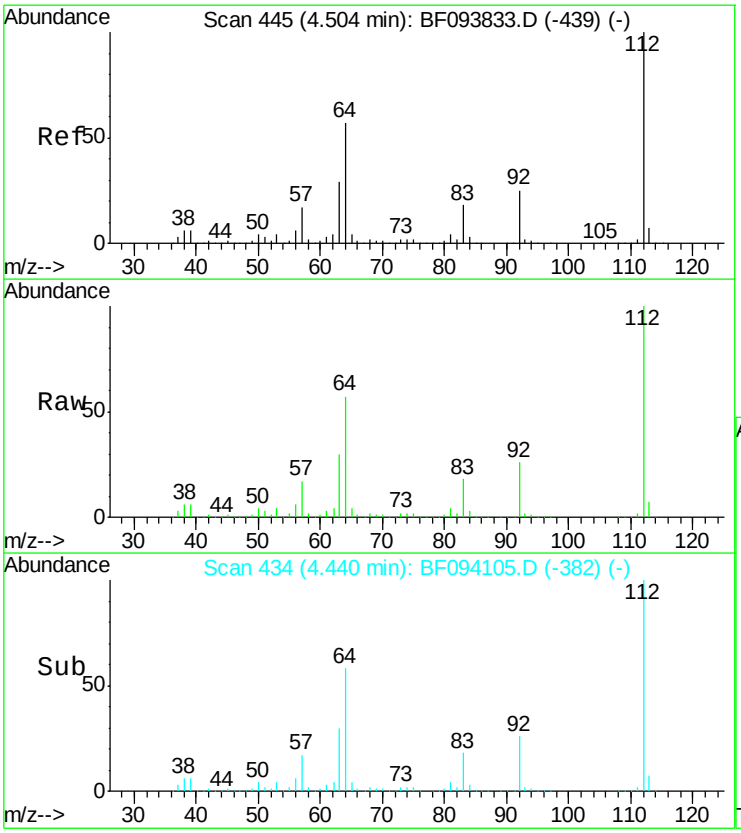
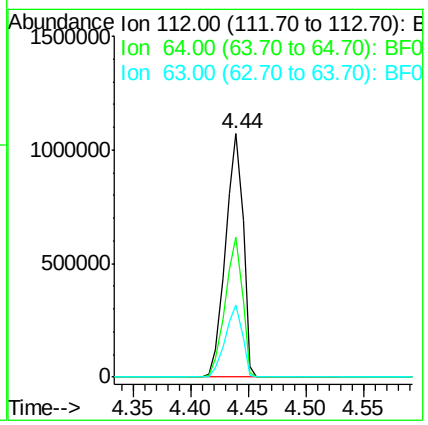
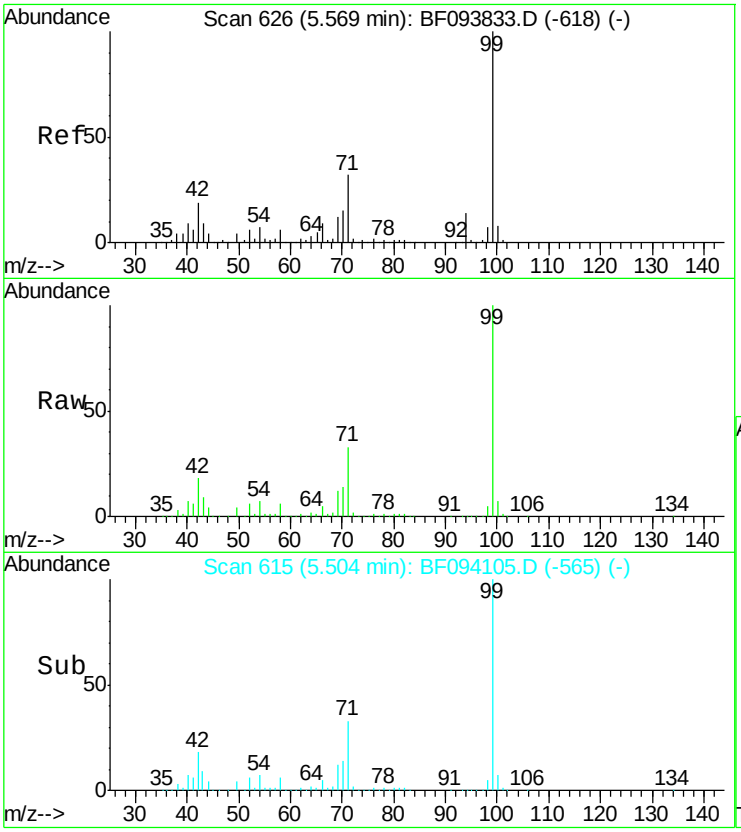


#5
2-Fluorophenol
Concen: 98.22 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:112 Resp: 1130379

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	29.5	23.4	35.0

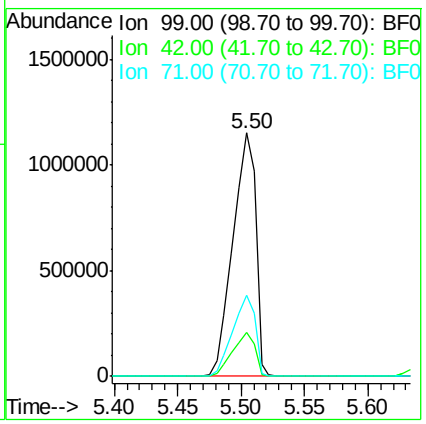




#7
Phenol-d6
Concen: 100.21 ng
RT: 5.50 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion: 99 Resp: 1426682

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.3	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

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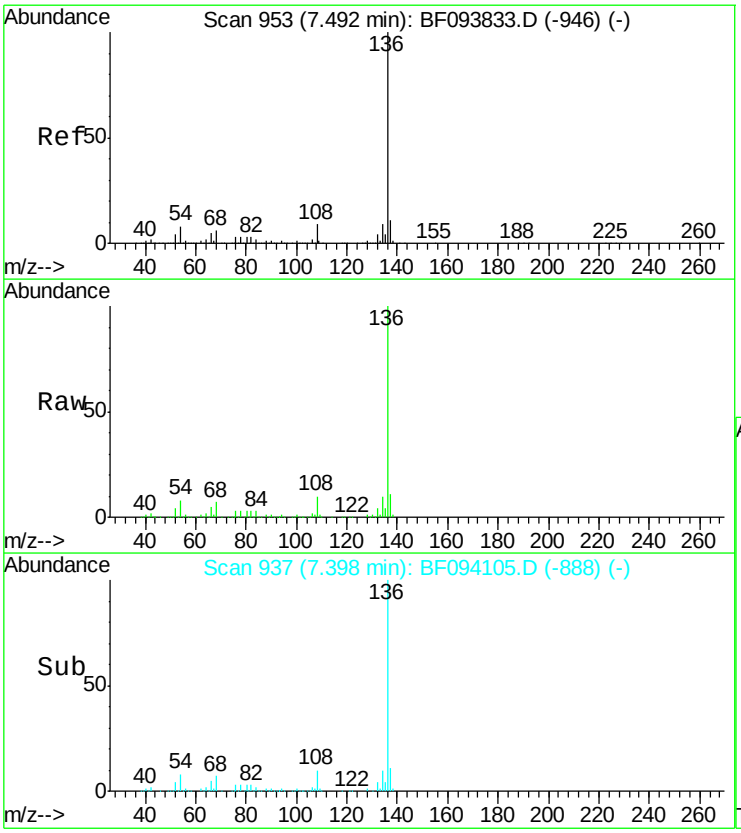
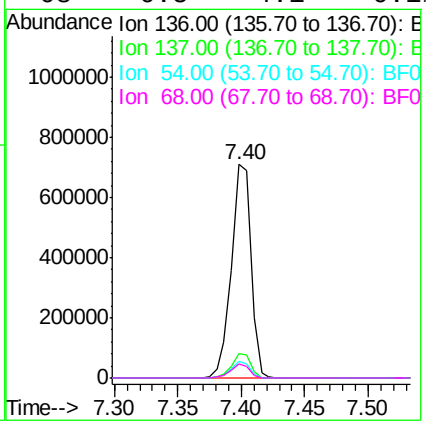
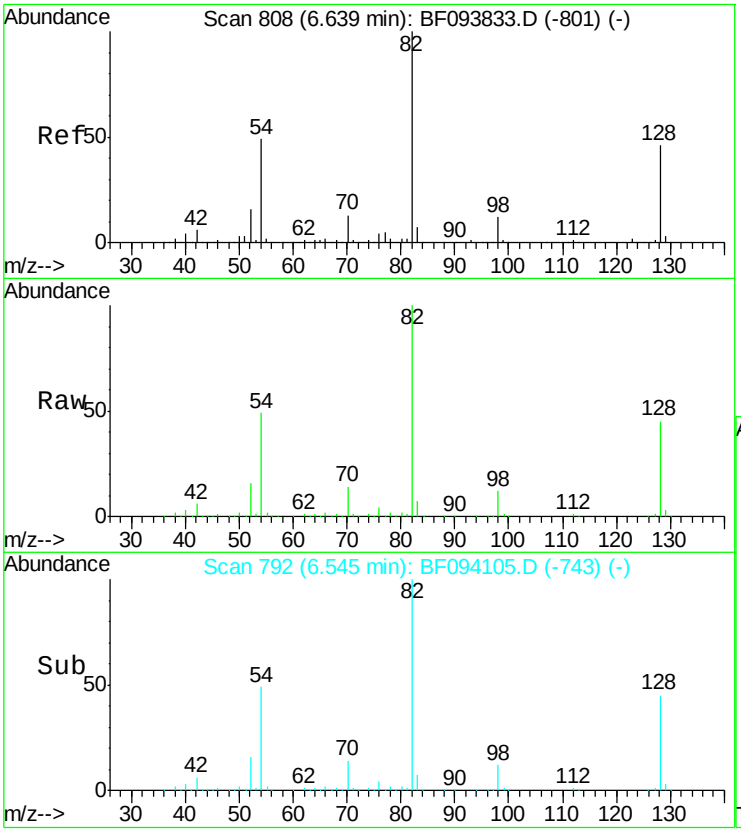


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:136 Resp: 754733

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	4.9	7.3#
68	6.5	4.1	6.1#

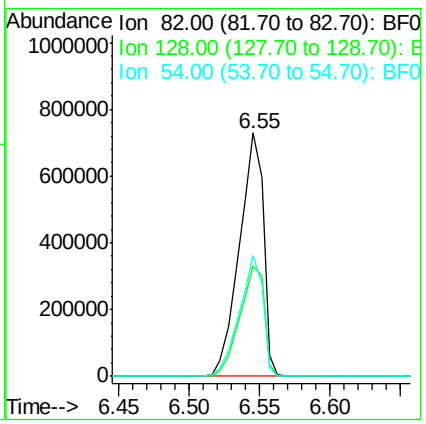




#23
Nitrobenzene-d5
Concen: 65.48 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion: 82 Resp: 865987

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	49.4	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

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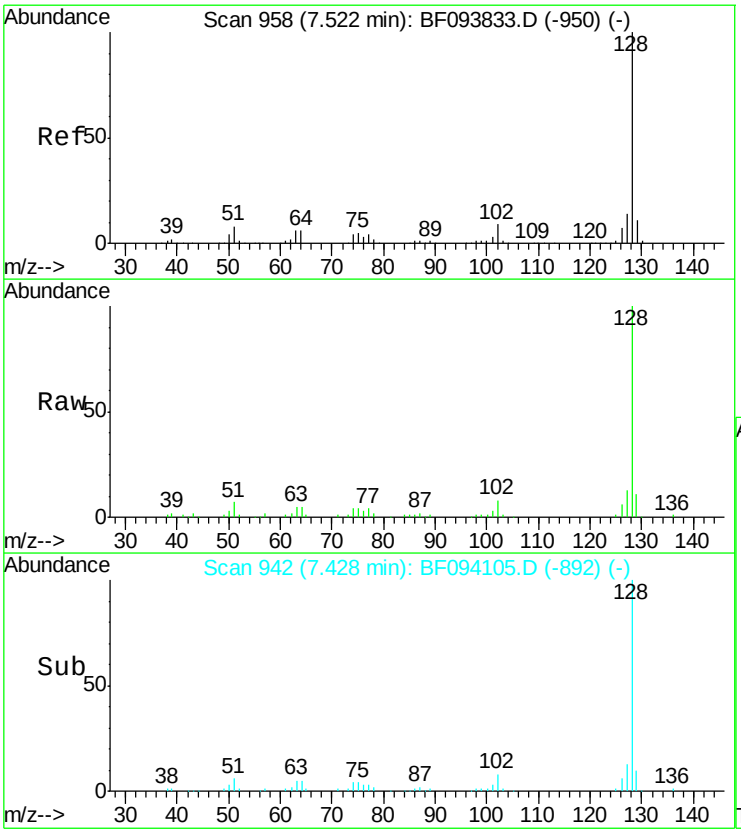
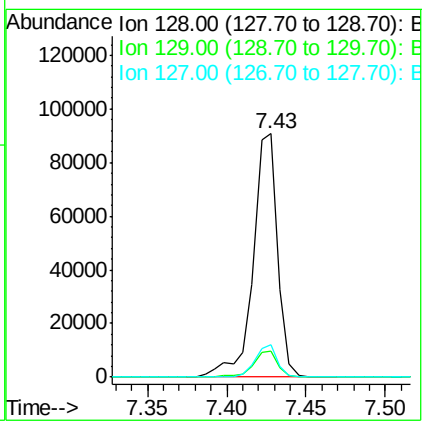
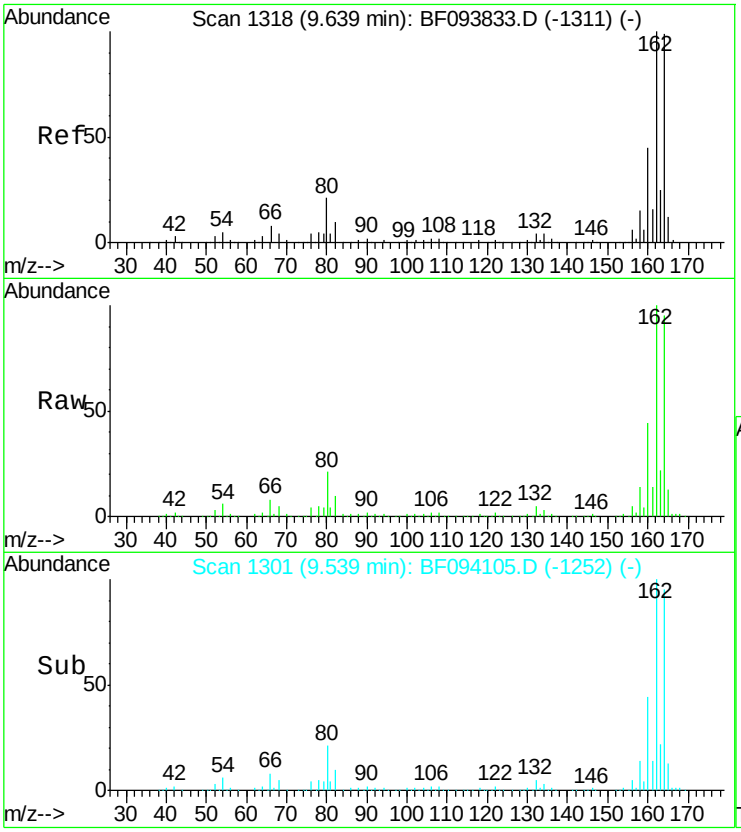


#31
Naphthalene
Concen: 2.69 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:128 Resp: 97677

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.4	10.8	16.2

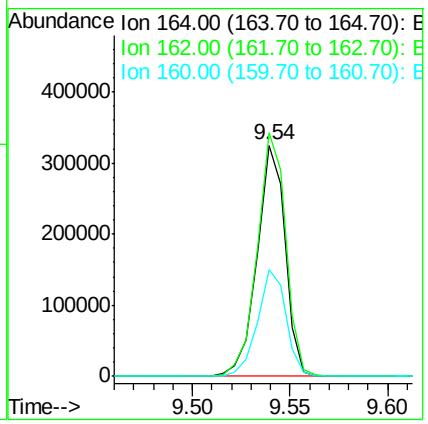




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:164 Resp: 323220

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	46.2	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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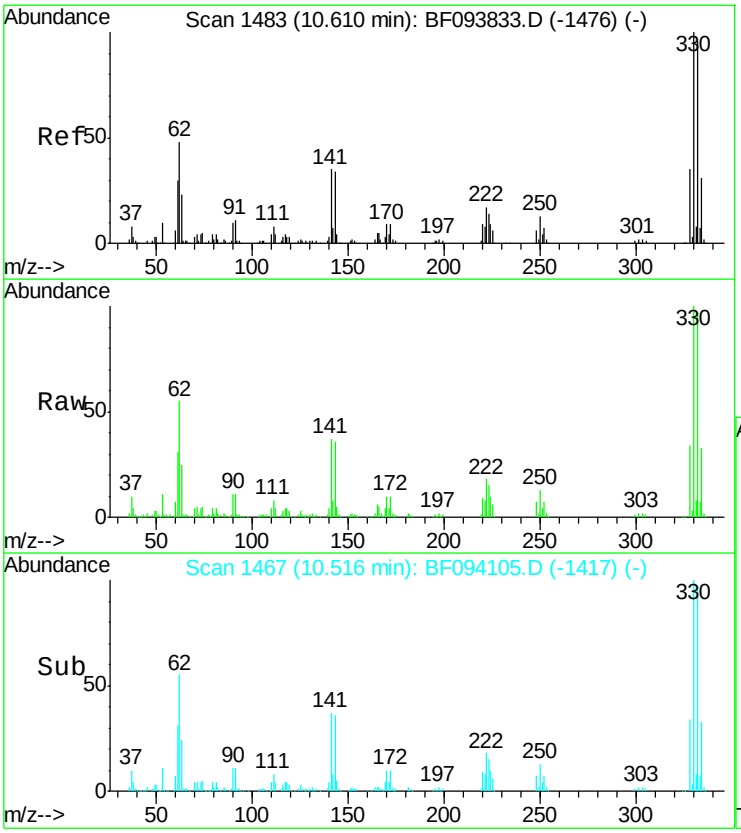
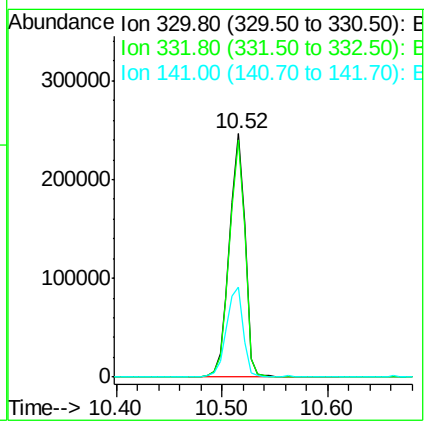
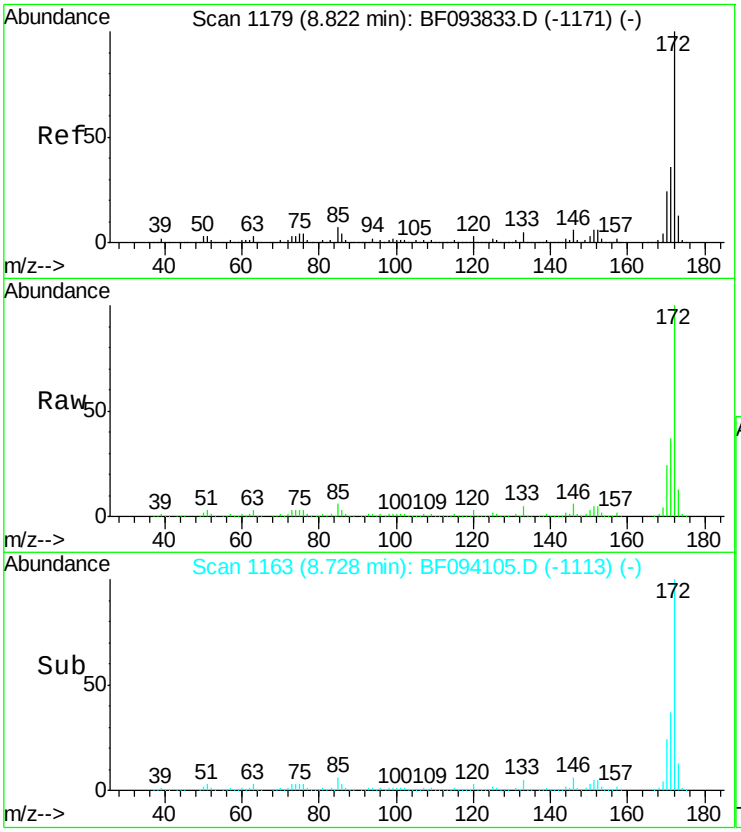


#41
2,4,6-Tribromophenol
Concen: 99.33 ng
RT: 10.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:330 Resp: 253712

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.1	31.4	47.2

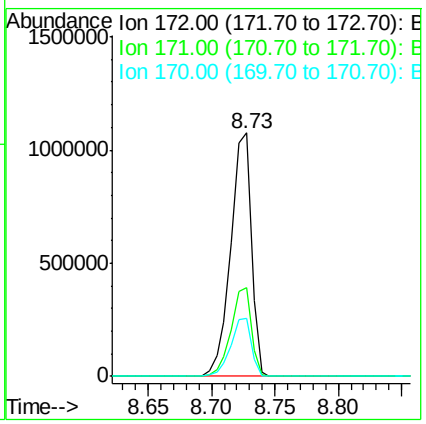




#44
2-Fluorobiphenyl
Concen: 57.04 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:172 Resp: 1208820

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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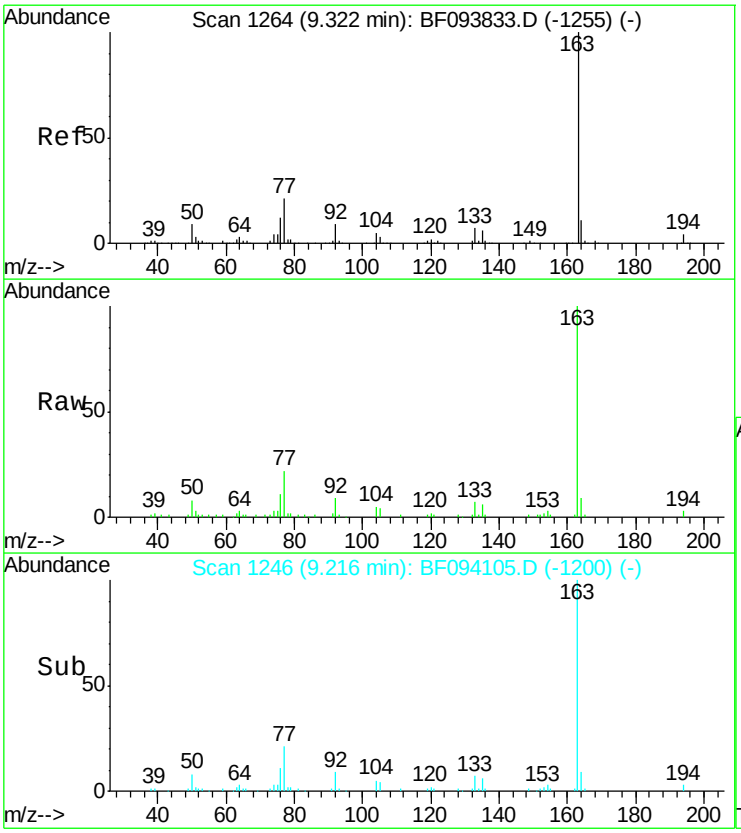
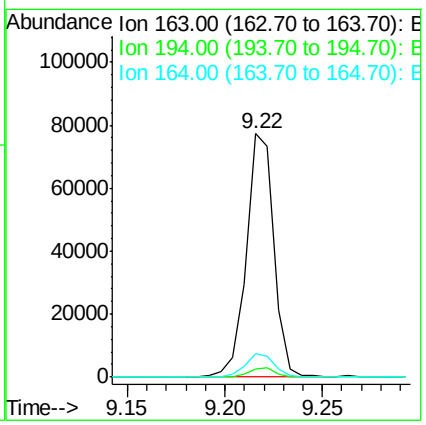
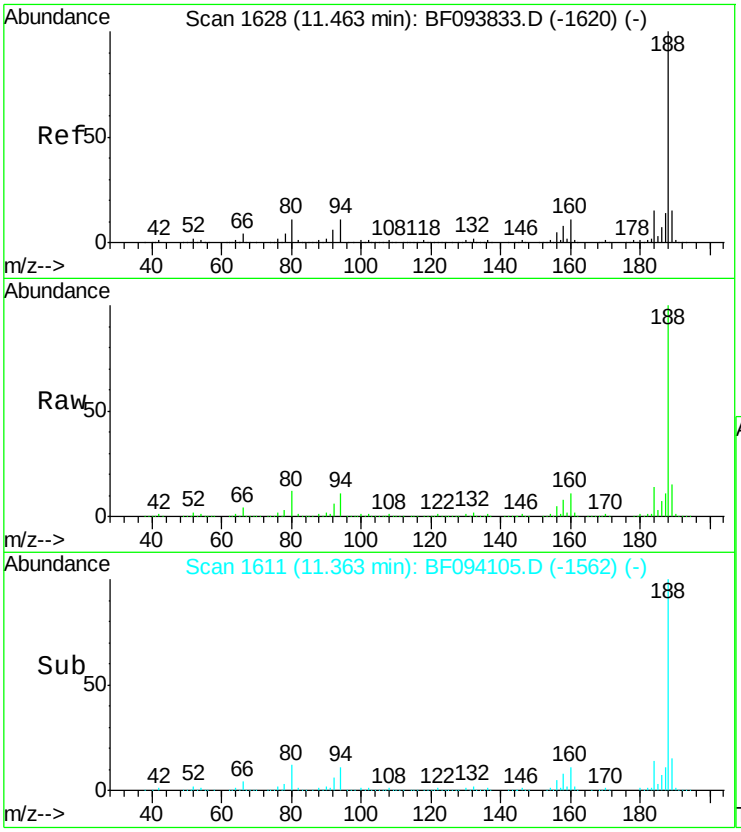


#49
Dimethylphthalate
Concen: 3.28 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:163 Resp: 75347

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6

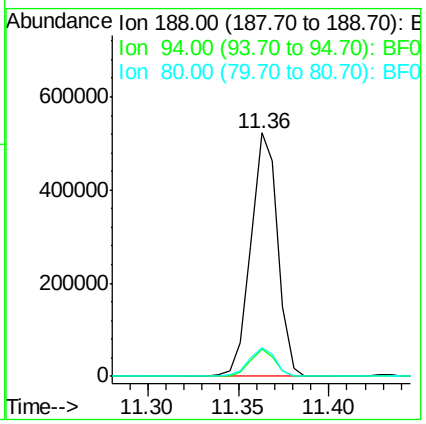




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:188 Resp: 536860

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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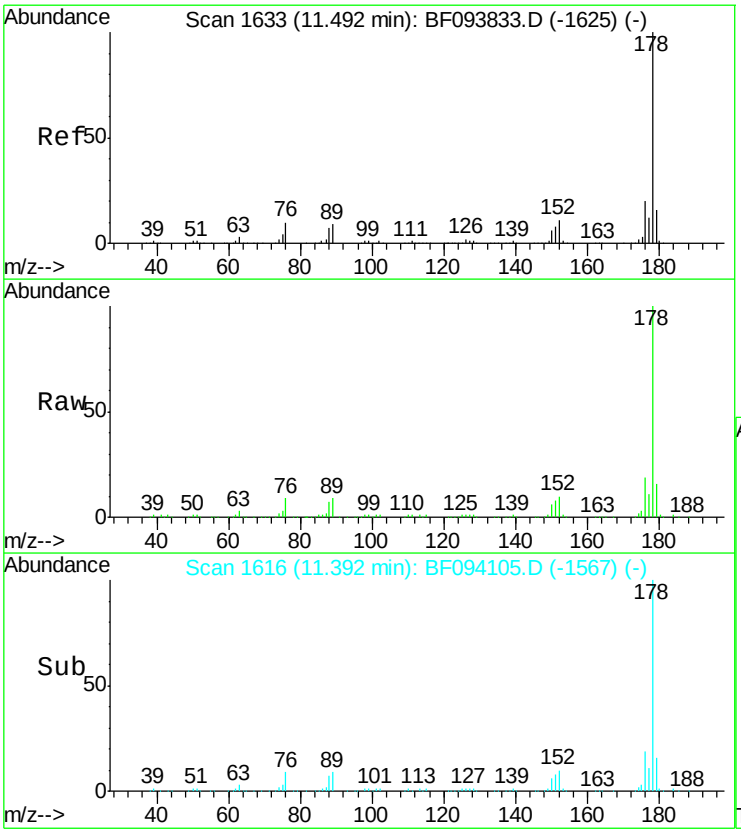
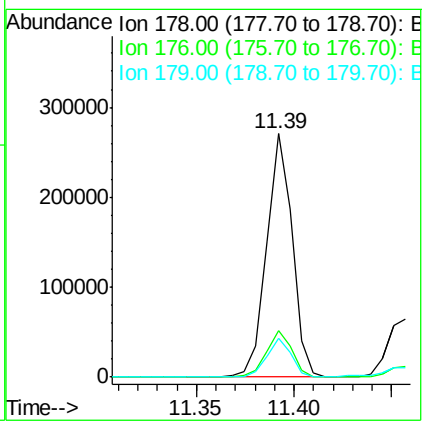
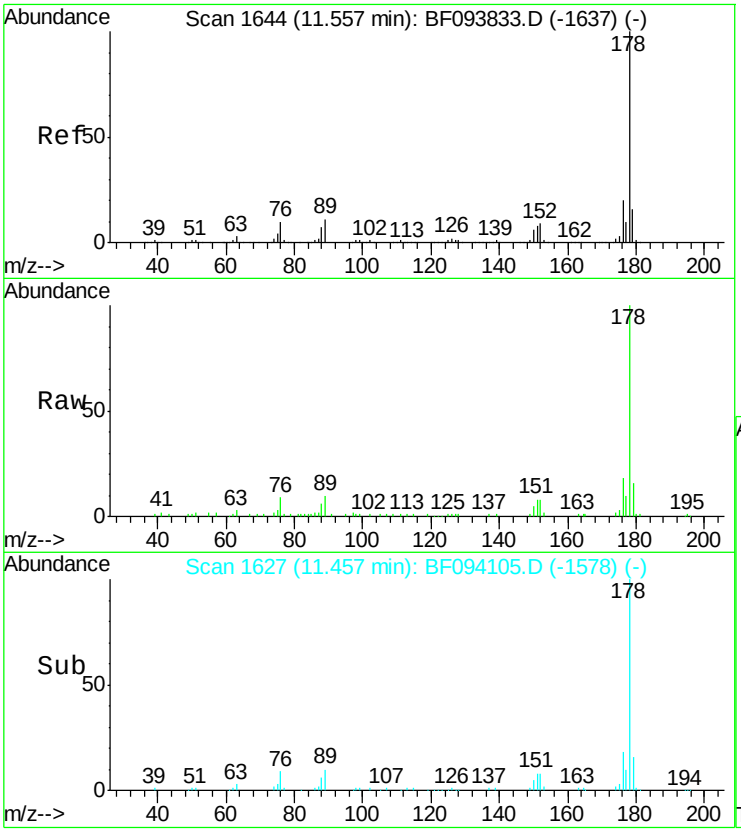


#70
Phenanthrene
Concen: 8.24 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:178 Resp: 246227

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.8	12.6	19.0

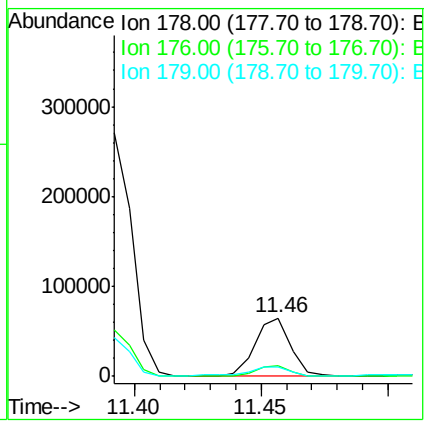




#71
Anthracene
Concen: 2.06 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:178 Resp: 63386

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.9	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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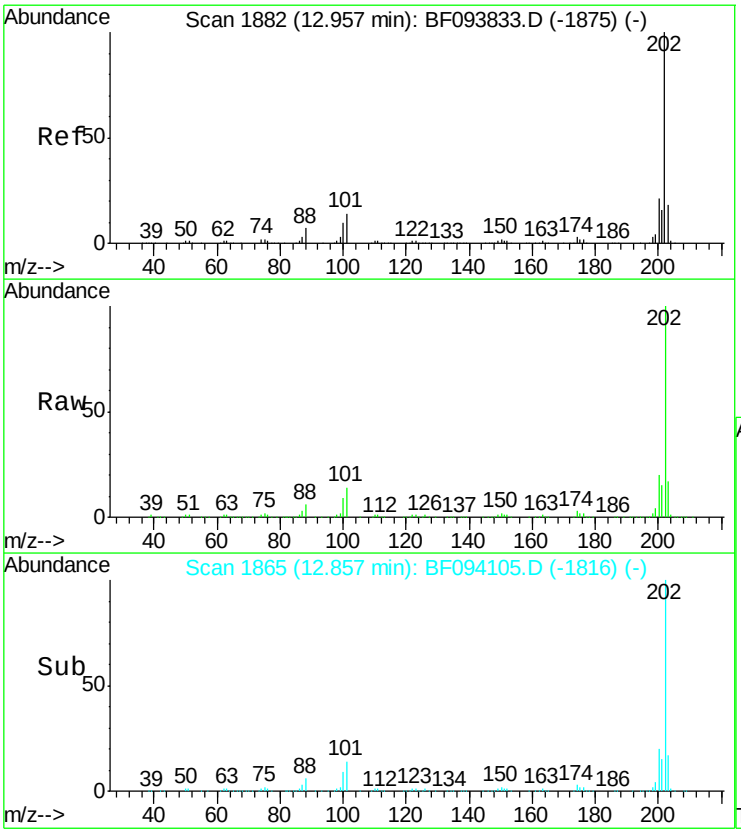
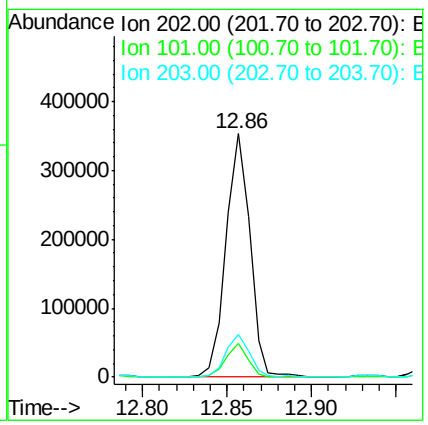
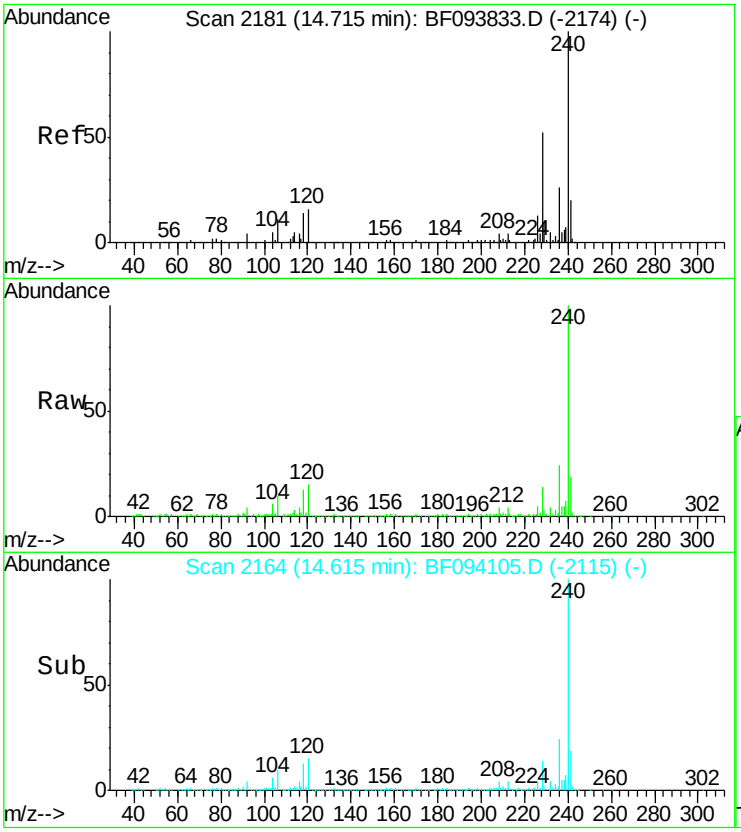


#74
Fluoranthene
Concen: 11.35 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:202 Resp: 346943

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.3	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:240 Resp: 335871

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.4	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

Manual Integrations APPROVED
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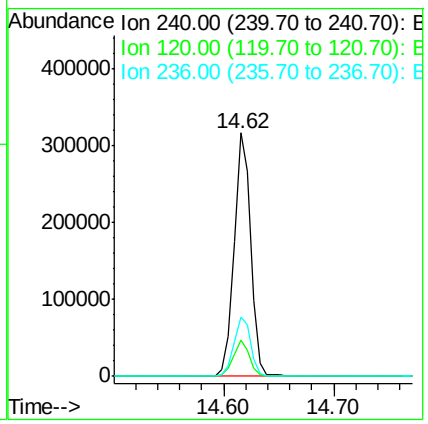
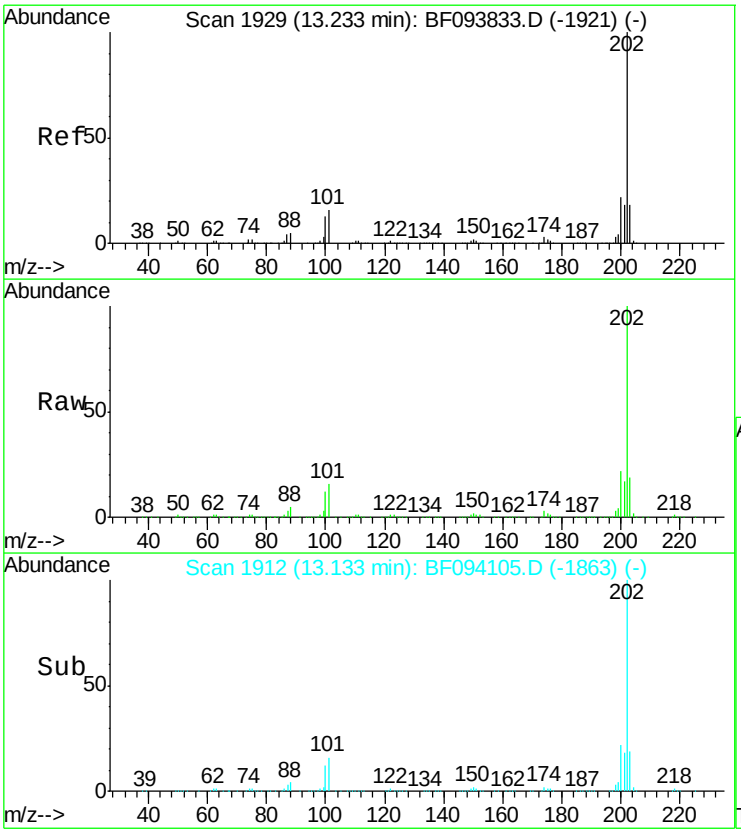
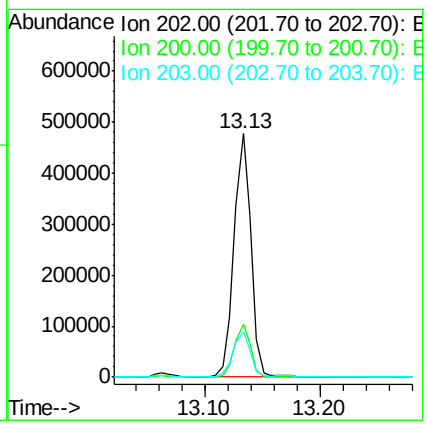


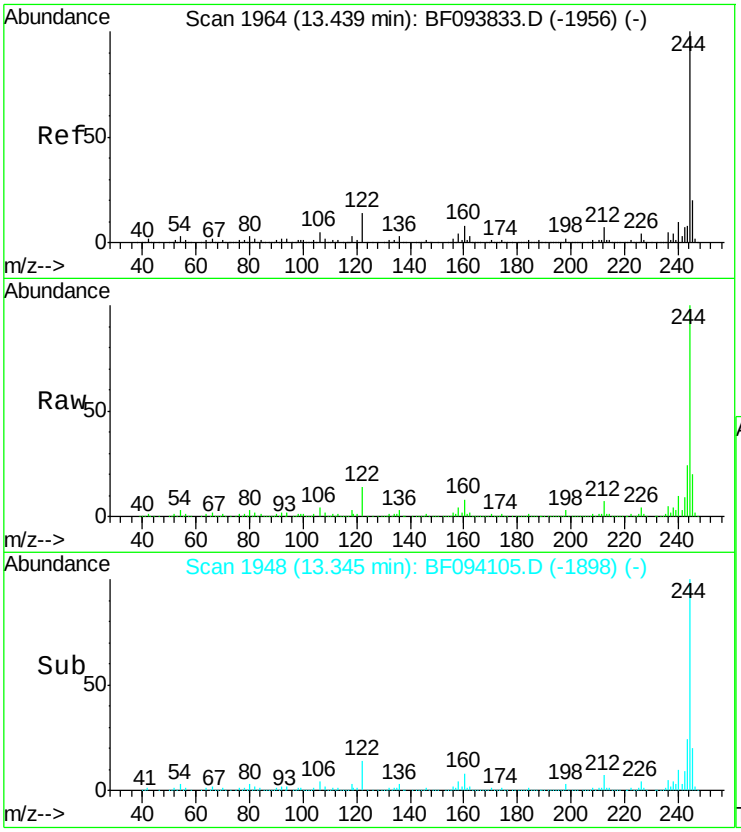


#77
Pyrene
Concen: 19.74 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:202 Resp: 481171

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.6	14.4	21.6

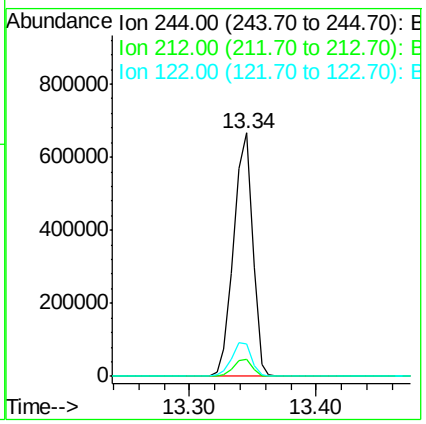




#78
Terphenyl-d14
Concen: 45.99 ng
RT: 13.34 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:244 Resp: 689124

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.5	10.3	15.5



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BNA_F
ClientSampleId :
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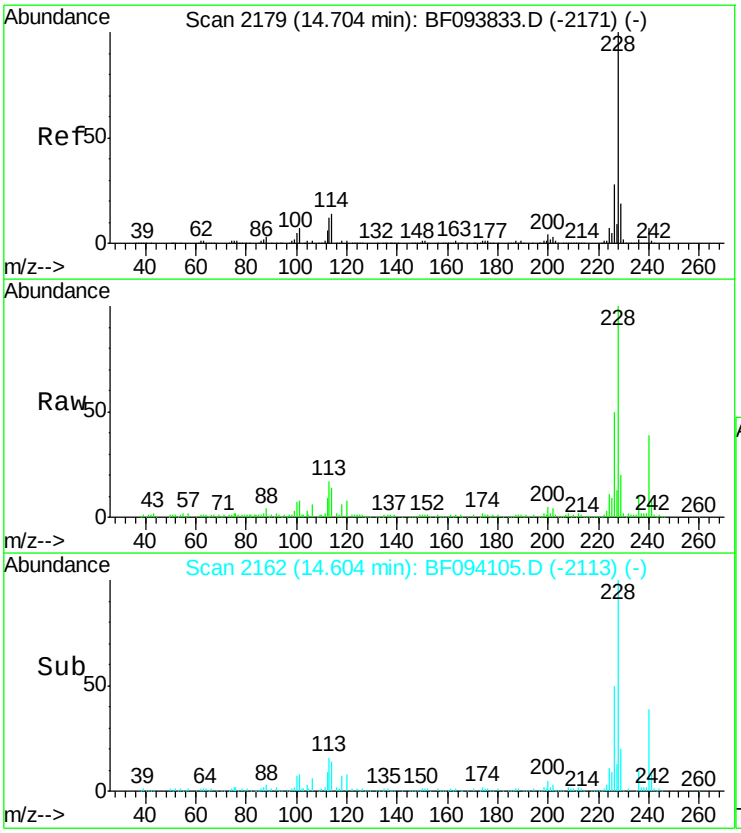
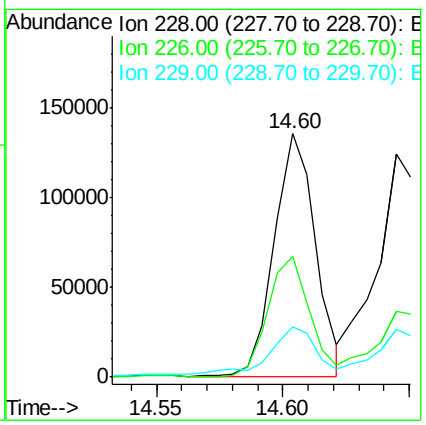
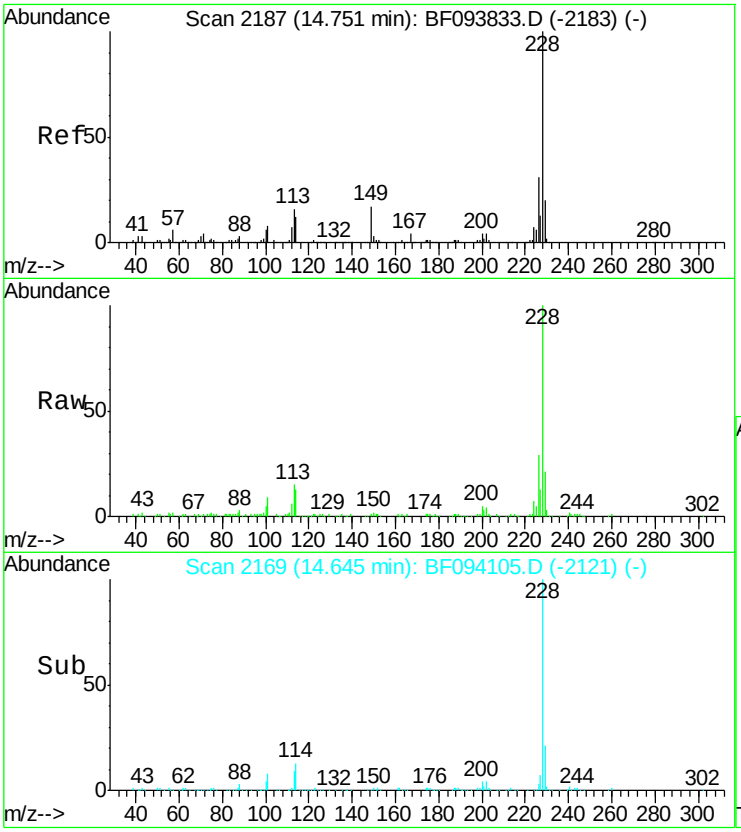


#80
Benzo(a)anthracene
Concen: 7.91 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:228 Resp: 155001

Ion	Ratio	Lower	Upper
228	100		
226	49.8	22.6	33.8#
229	20.5	16.3	24.5

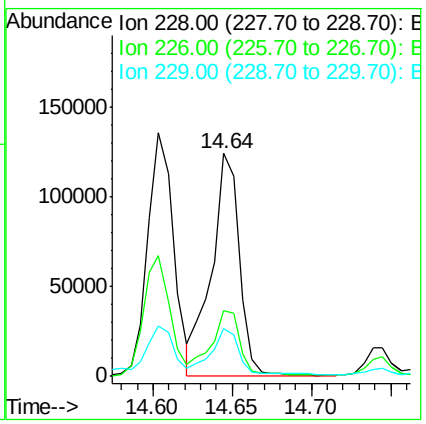




#82
Chrysene
Concen: 8.28 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:228 Resp: 150552

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.2	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

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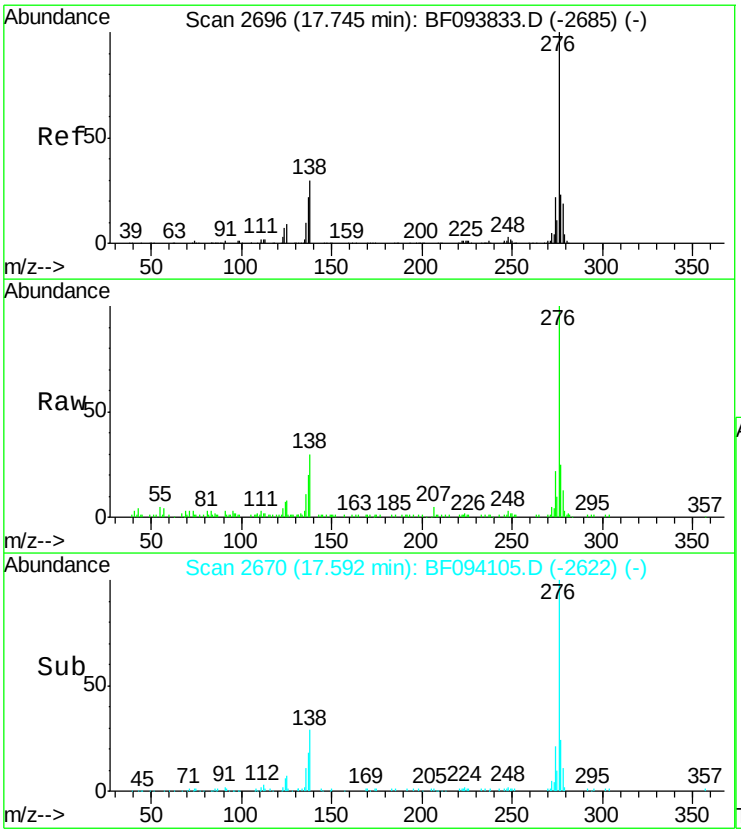
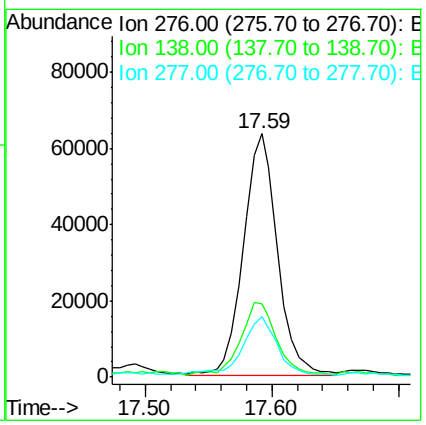
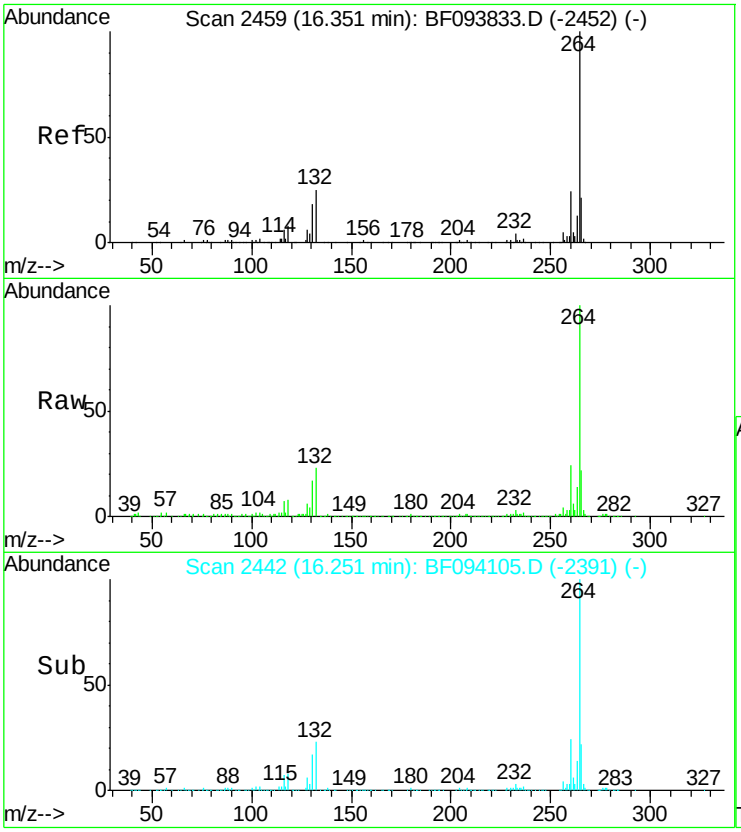


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.49 ng
RT: 17.59 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:276 Resp: 117965

Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	25.1	20.2	30.4

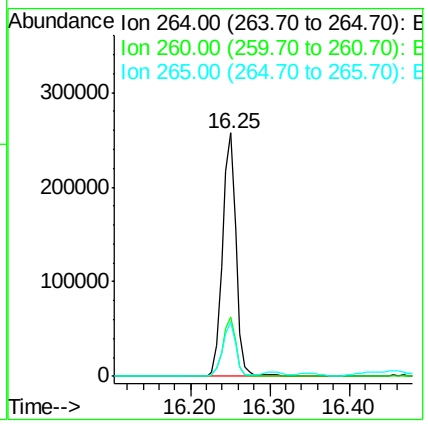




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:264 Resp: 304689

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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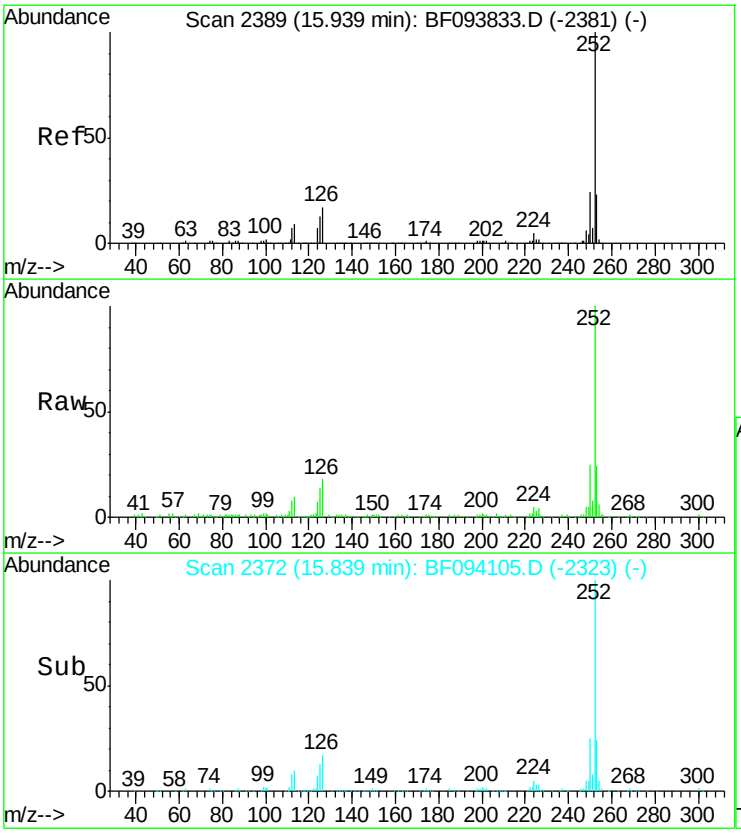
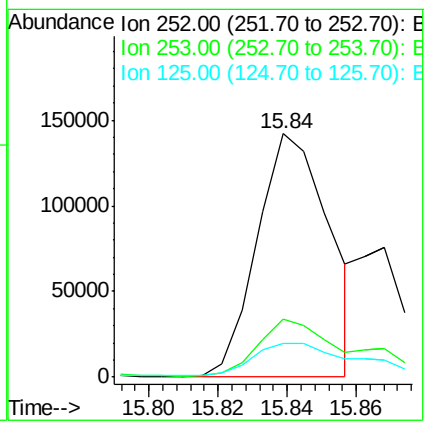
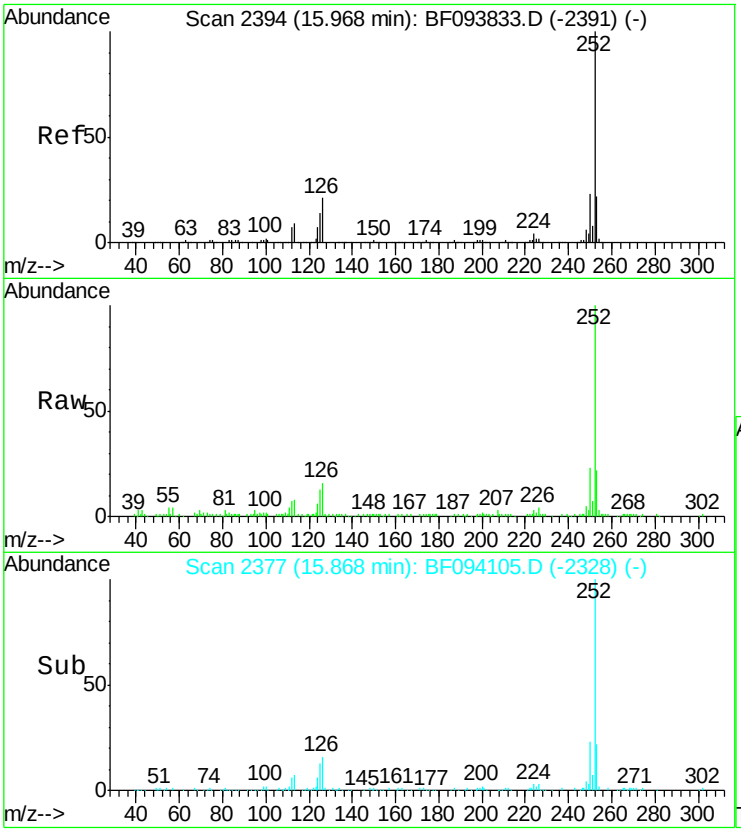


#87
Benzo(b)fluoranthene
Concen: 10.97 ng m
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:252 Resp: 204787

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.8	9.8	14.8

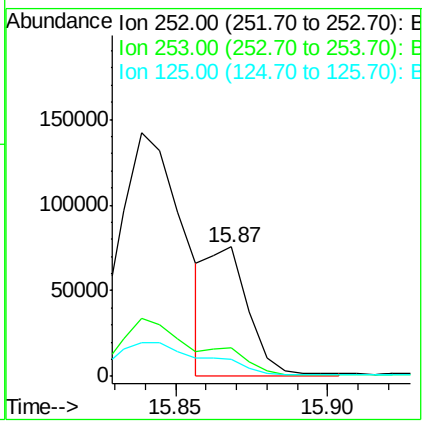




#88
Benzo(k)fluoranthene
Concen: 3.93 ng m
RT: 15.87 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:252 Resp: 71760

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.5	13.1	19.7



Instrument :
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ClientSampleId :
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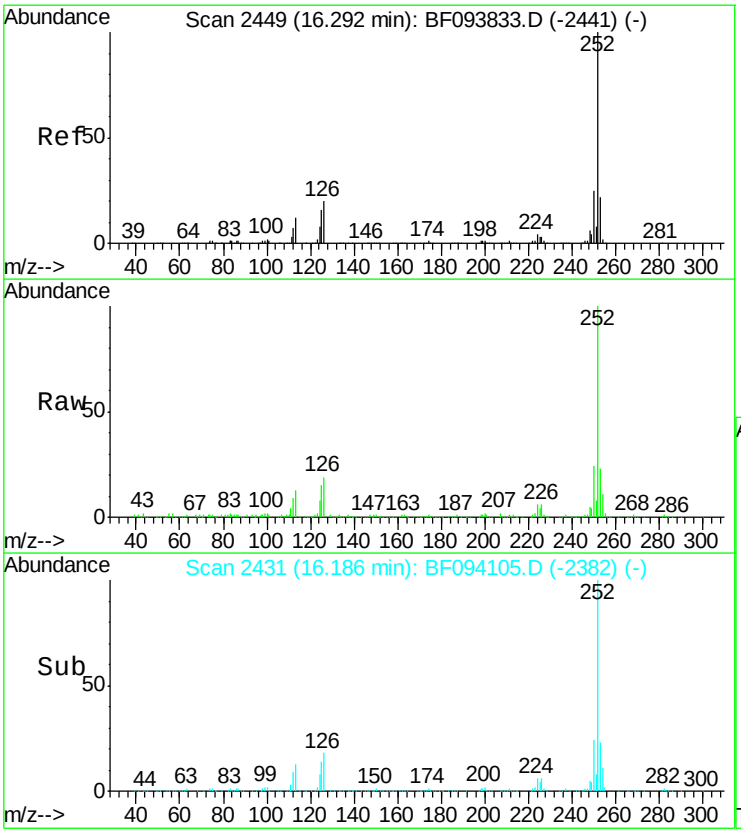
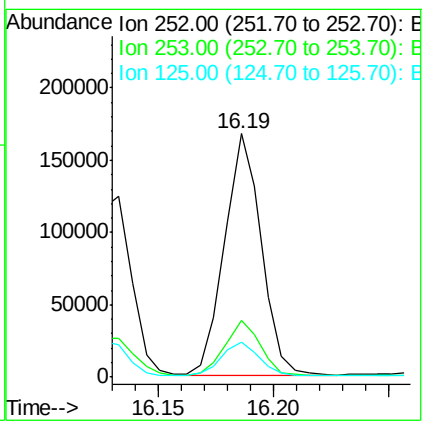
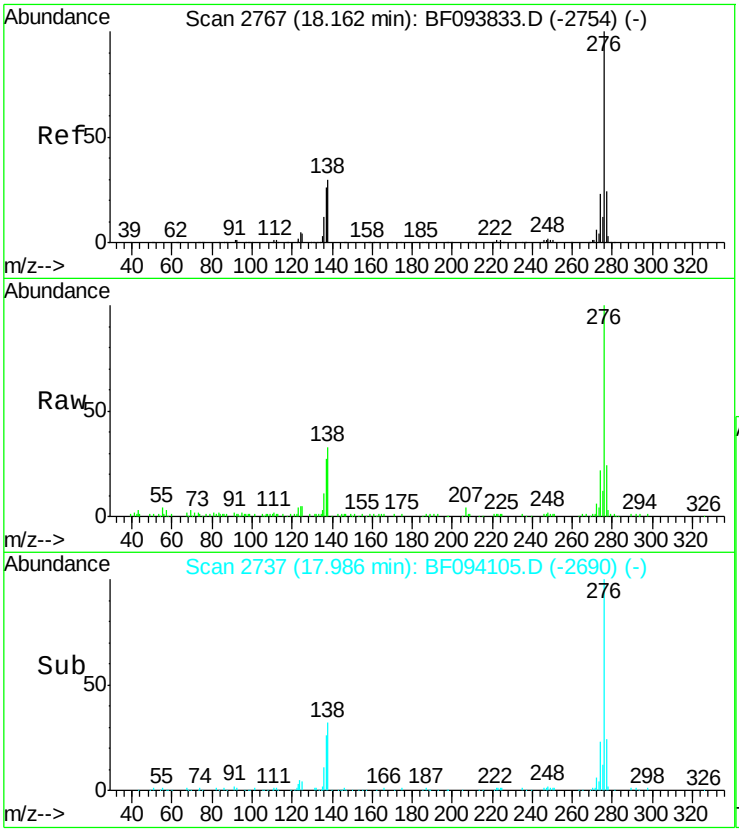


#89
Benzo(a)pyrene
Concen: 10.77 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:252 Resp: 185306

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.6	11.0	16.4

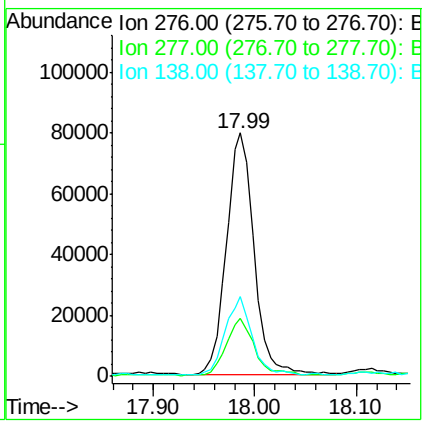




#91
Benzo(g,h,i)perylene
Concen: 10.22 ng
RT: 17.99 min Scan# 2737
Delta R.T. -0.02 min
Lab File: BF094105.D
Acq: 31 Mar 2017 19:25

Tgt Ion:276 Resp: 150042

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	32.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
E2-Q11-BASE

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