Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094968.D
Acq On : 9 Dec 2017 2:48
Operator : SJ/JU
Sample : I6757-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 09 03:21:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7425	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	16491	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	9577	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	23866	0.40	ng		0.00
27) Chrysene-d12	21.89	240	24570	0.40	ng		0.00
34) Perylene-d12	24.56	264	20034	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1930	0.16	ng		0.00
5) Phenol-d6	7.60	99	1978	0.11	ng		0.00
8) Nitrobenzene-d5	9.66	82	5304	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9053	0.34	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	914	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	16158	0.39	ng		0.00
25) Fluoranthene-d10	19.76	212	107711	0.33	ng		0.00
29) Terphenyl-d14	20.33	244	20909	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	501	0.064	ng	#	25
9) Naphthalene	11.38	128	9800	0.051	ng	#	96
22) Pentachlorophenol	17.43	266	69	0.149	ng		96
23) Phenanthrene	17.82	178	4381	0.058	ng	#	96
24) Anthracene	17.82	178	4381	0.054	ng		95
26) Fluoranthene	19.79	202	3724	0.038	ng		97
28) Pyrene	20.14	202	2938	0.035	ng	#	93
30) Benzo(a)anthracene	21.85	228	3450	0.046	ng	#	63
31) Chrysene	21.92	228	4204	0.050	ng	#	67
32) Bis(2-ethylhexyl)phthalate	21.75	149	6738	0.054	ng		98
33) Indeno(1,2,3-cd)pyrene	27.42	276	2829	0.042	ng	#	70
35) Benzo(b)fluoranthene	23.73	252	3526	0.048	ng	#	53
36) Benzo(k)fluoranthene	23.78	252	2927	0.039	ng	#	53
37) Benzo(a)pyrene	24.44	252	2731	0.043	ng	#	63
38) Dibenzo(a,h)anthracene	27.45	278	2238	0.038	ng	#	64
39) Benzo(g,h,i)perylene	28.31	276	2465	0.042	ng	#	61

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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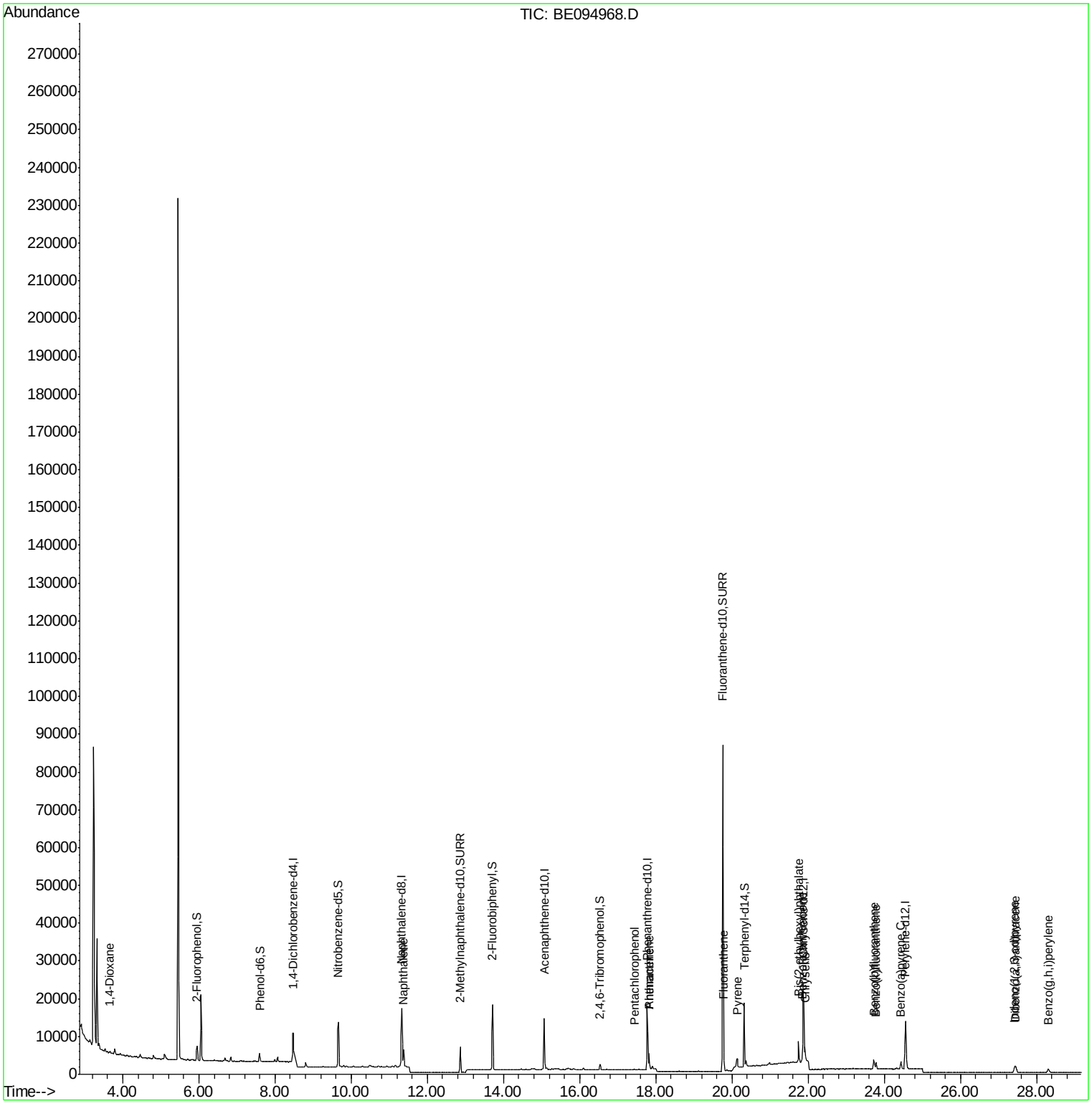
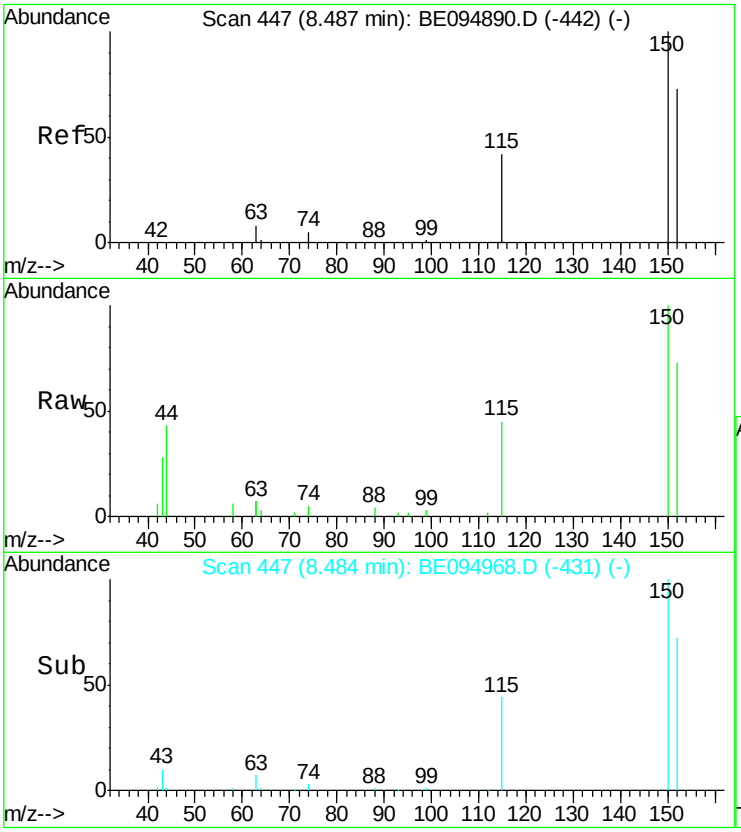
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



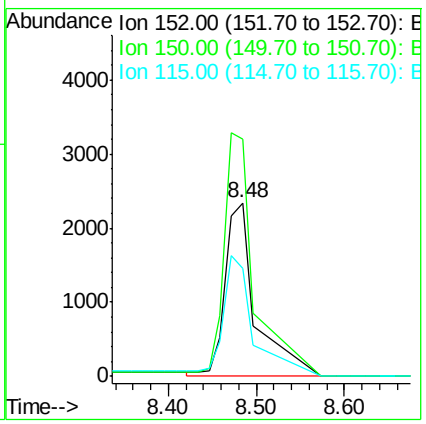


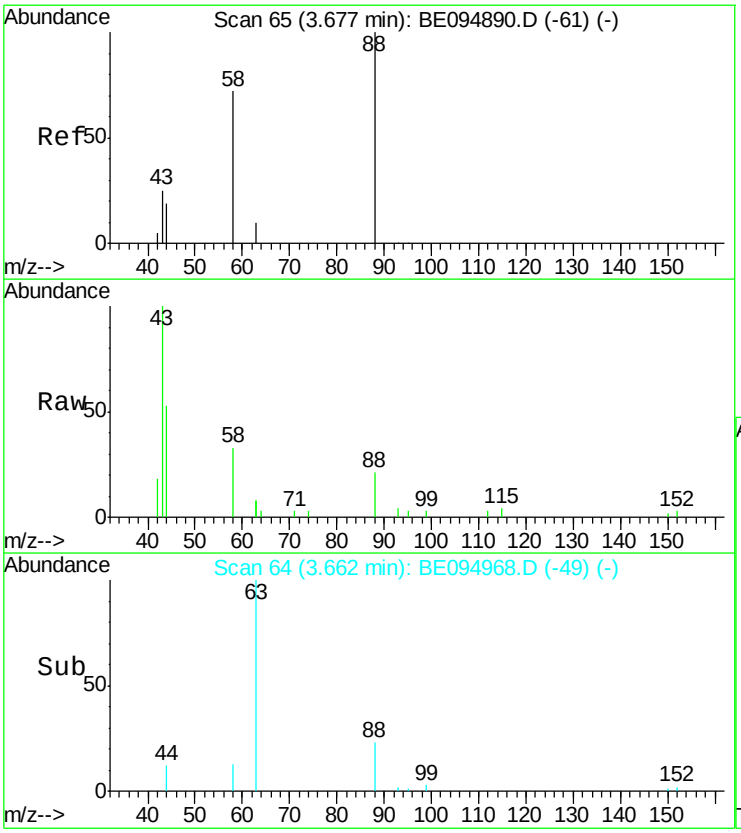
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7425

Ion	Ratio	Lower	Upper
152	100		
150	136.8	117.2	175.8
115	62.1	57.0	85.6

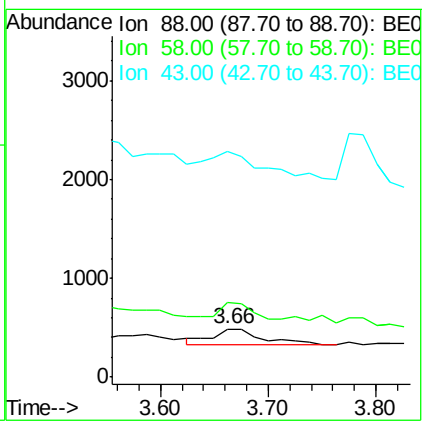


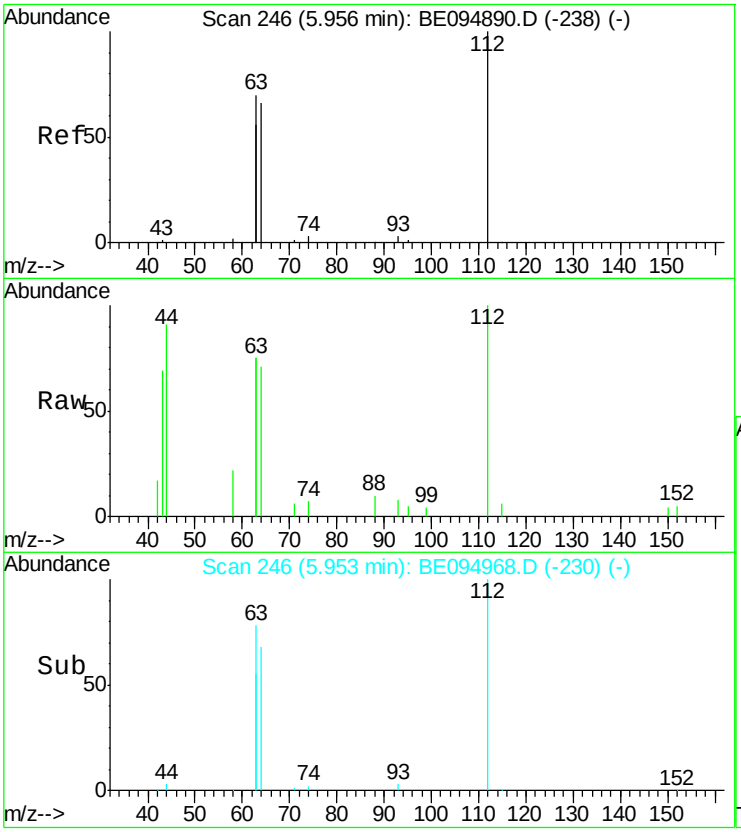


#2
1,4-Dioxane
Concen: 0.064 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.02 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion: 88 Resp: 501

Ion	Ratio	Lower	Upper
88	100		
58	68.1	63.2	94.8
43	171.1	41.2	61.8#



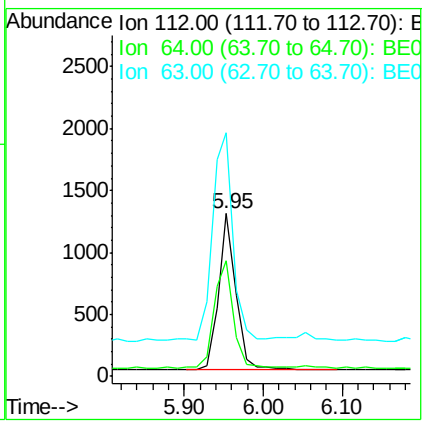


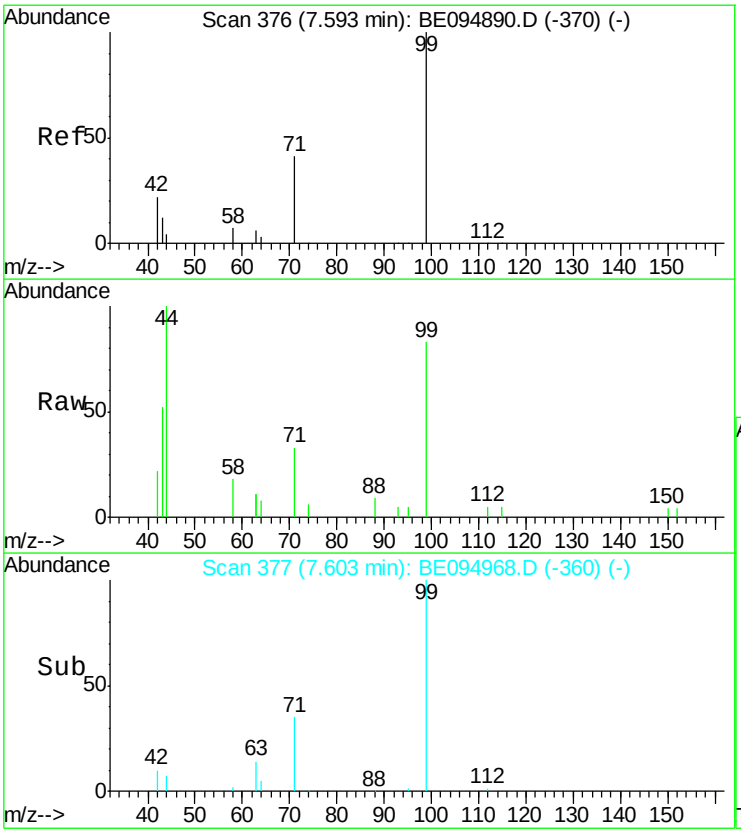
#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1930

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	157.3	116.8	175.2

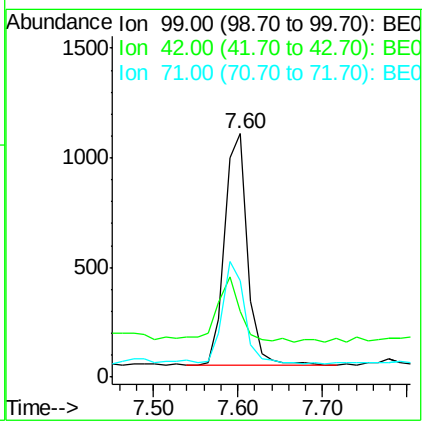


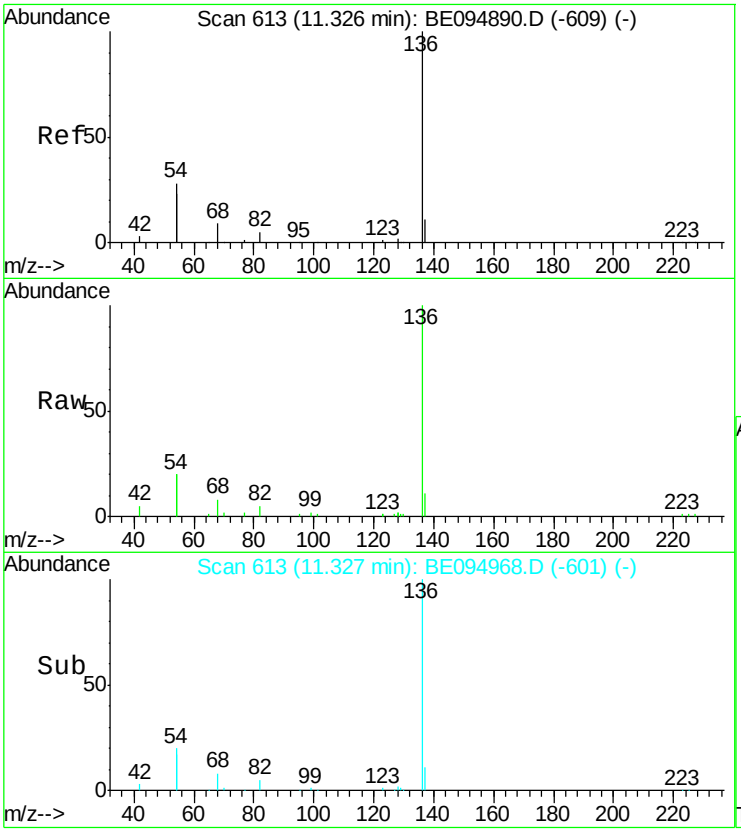


#5
Phenol-d6
Concen: 0.114 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion: 99 Resp: 1978

Ion	Ratio	Lower	Upper
99	100		
42	27.0	20.2	30.2
71	44.7	28.4	42.6#



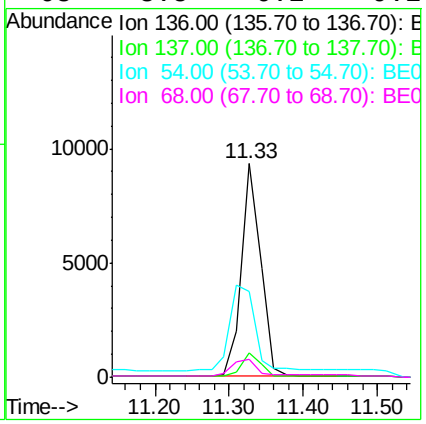


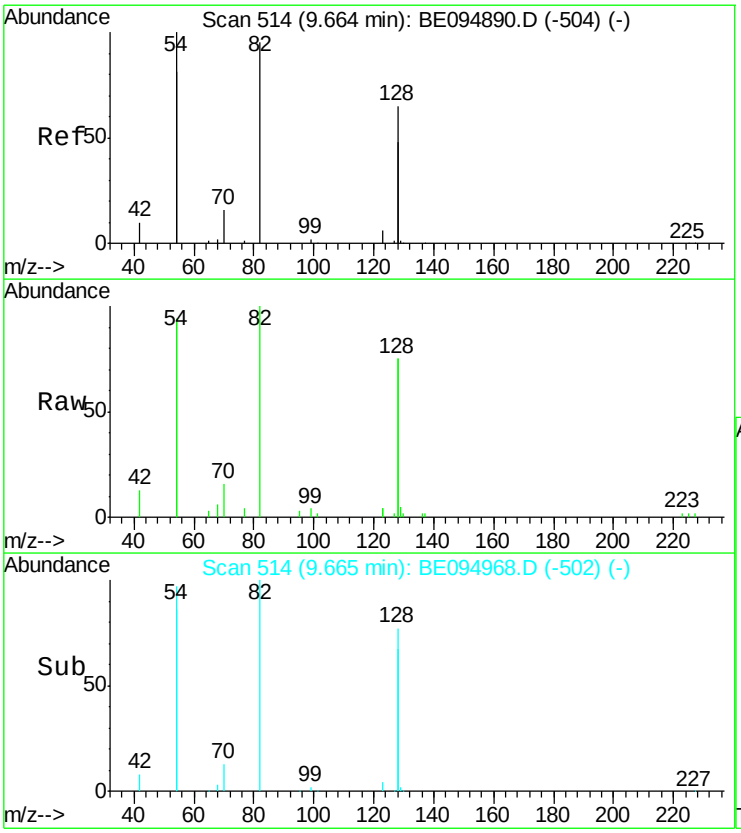
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16491

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	40.2	29.1	43.7
68	8.5	6.2	9.2

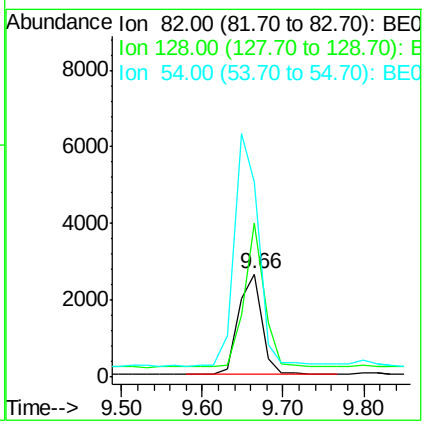


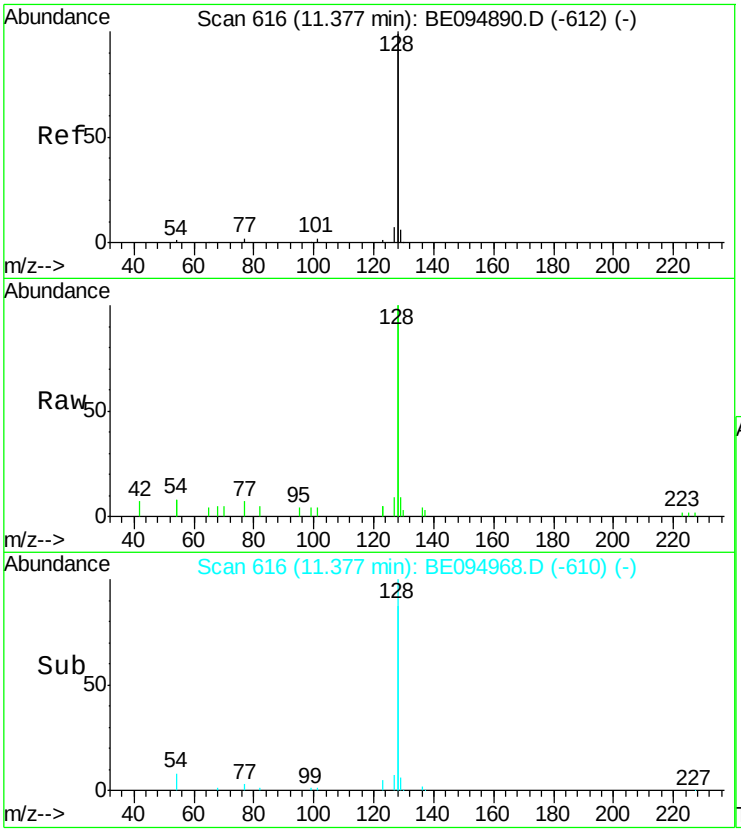


#8
Nitrobenzene-d5
Concen: 0.543 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion: 82 Resp: 5304

Ion	Ratio	Lower	Upper
82	100		
128	149.2	150.0	225.0#
54	188.3	154.2	231.4



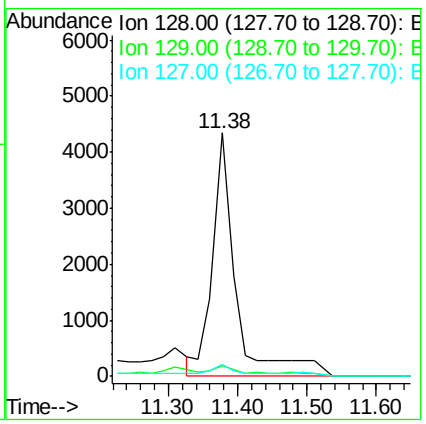


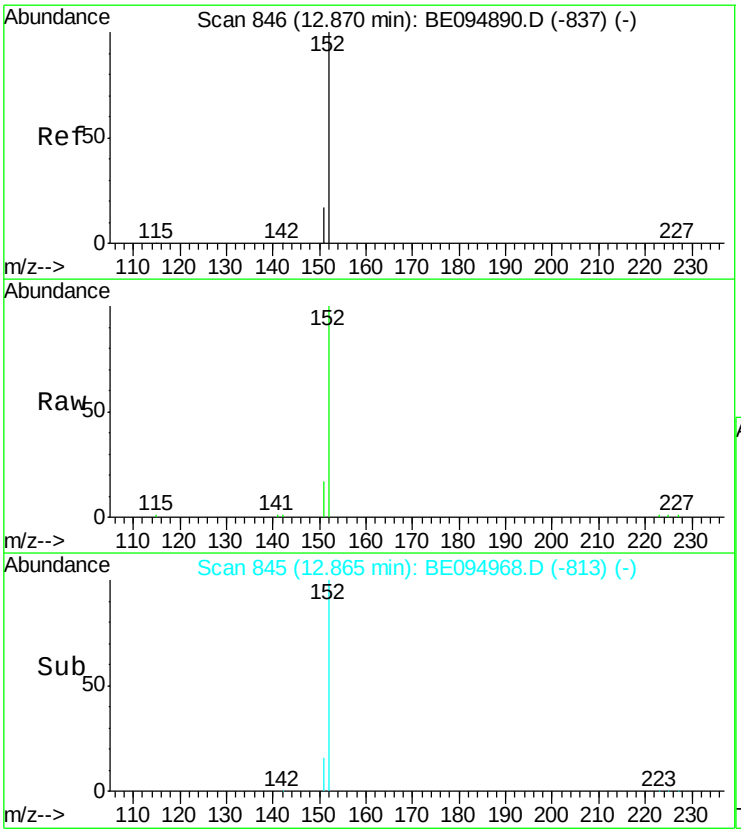
#9
Naphthalene
Concen: 0.051 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9800

Ion	Ratio	Lower	Upper
128	100		
129	4.4	2.6	3.8#
127	4.7	2.8	4.2#

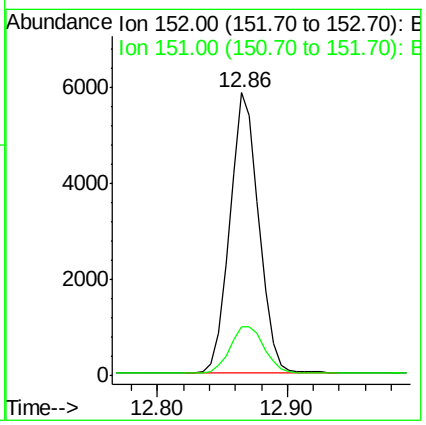


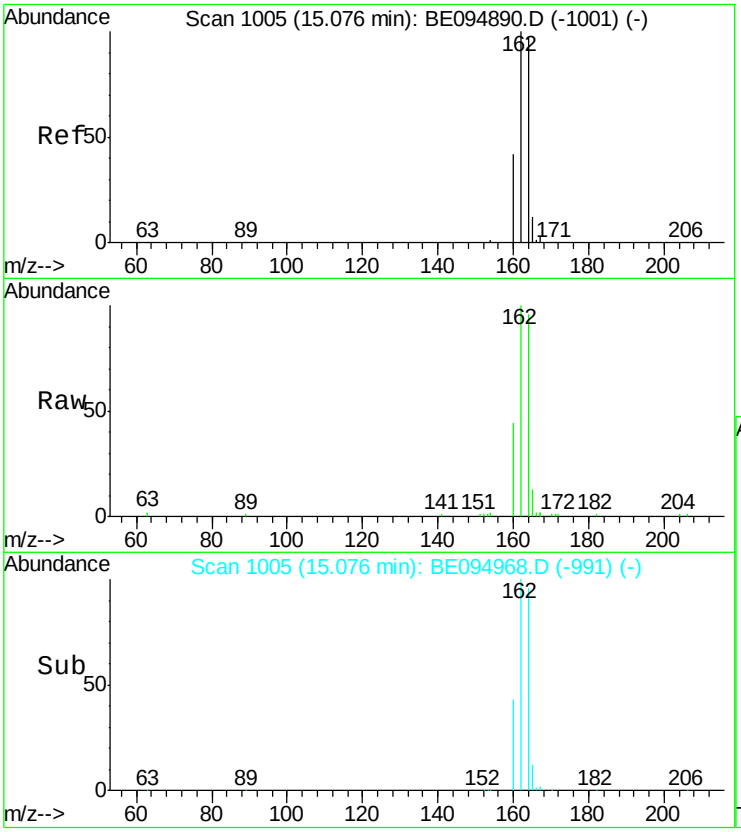


#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:152 Resp: 9053

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0



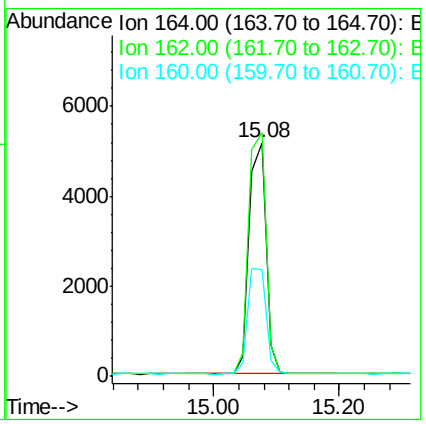


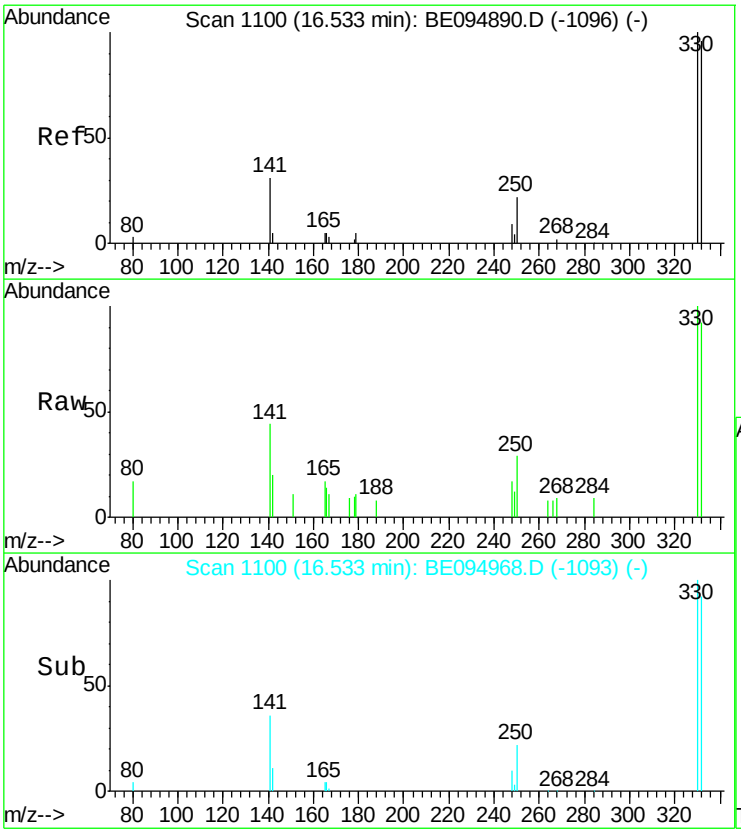
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9577

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	45.4	37.1	55.7

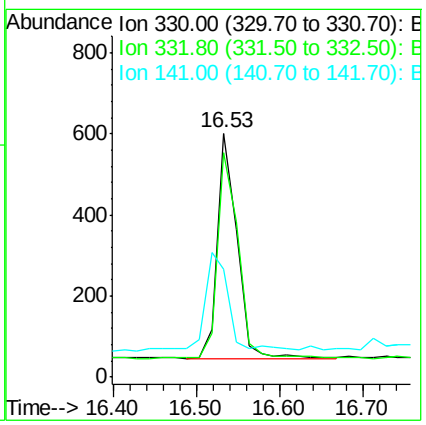


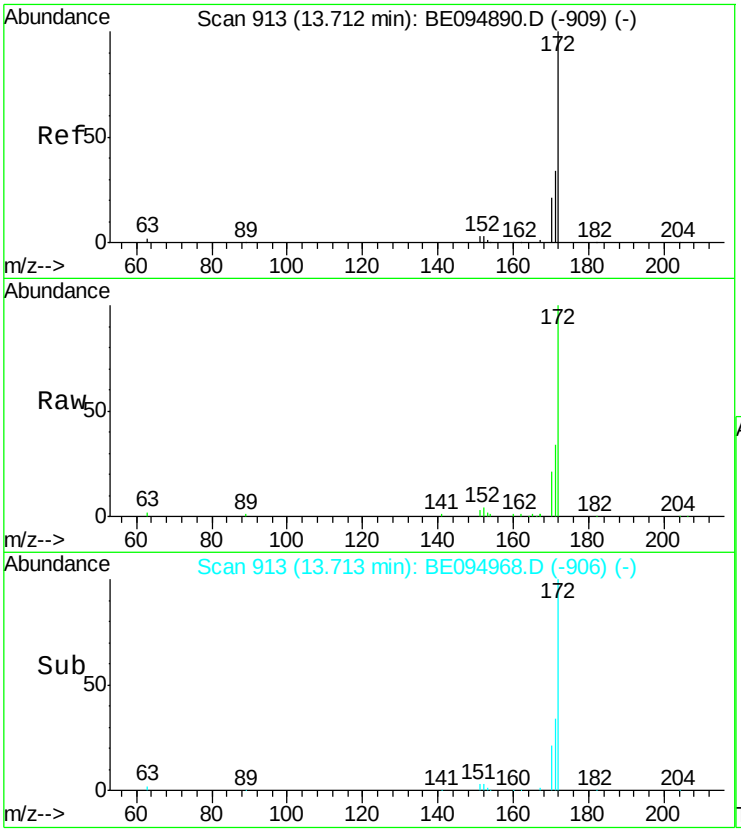


#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:330 Resp: 914

Ion	Ratio	Lower	Upper
330	100		
332	95.2	152.7	229.1#
141	50.2	33.7	50.5



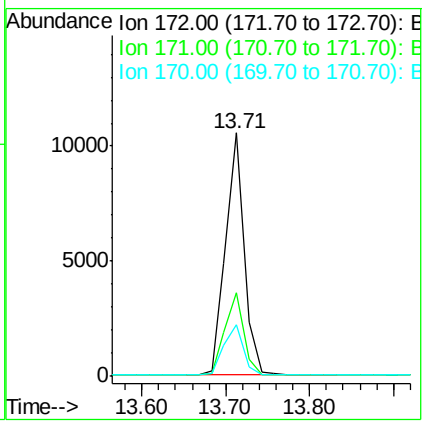


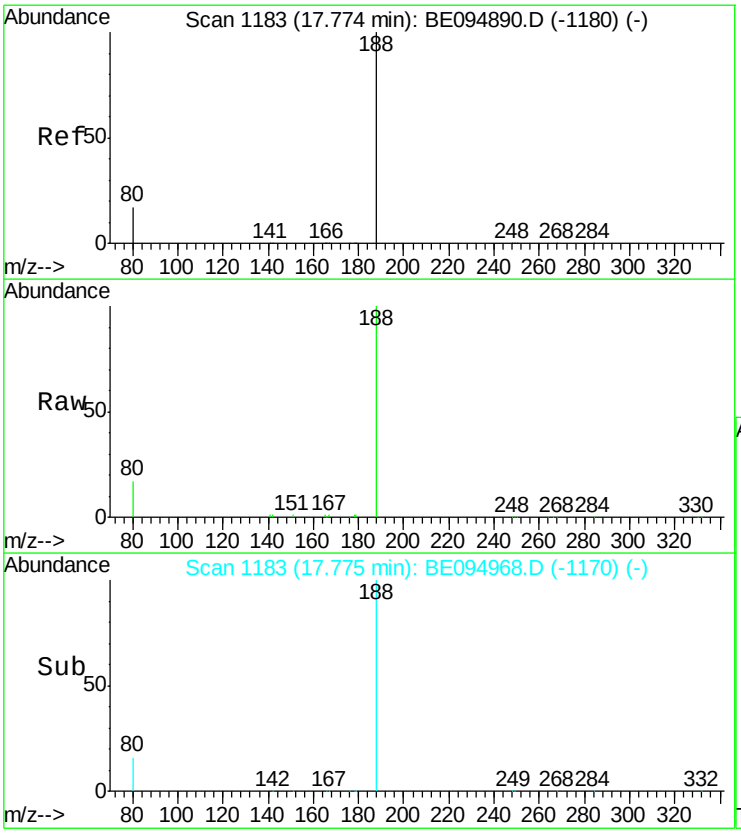
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 16158

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.9	44.9
170	21.4	21.8	32.8#

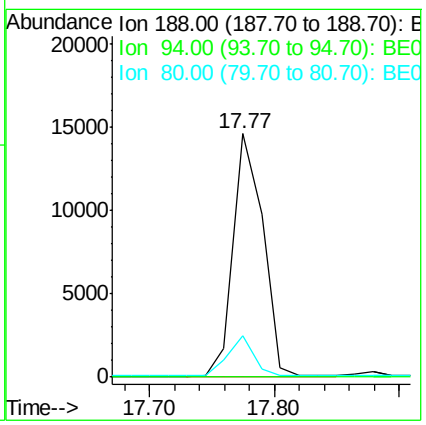


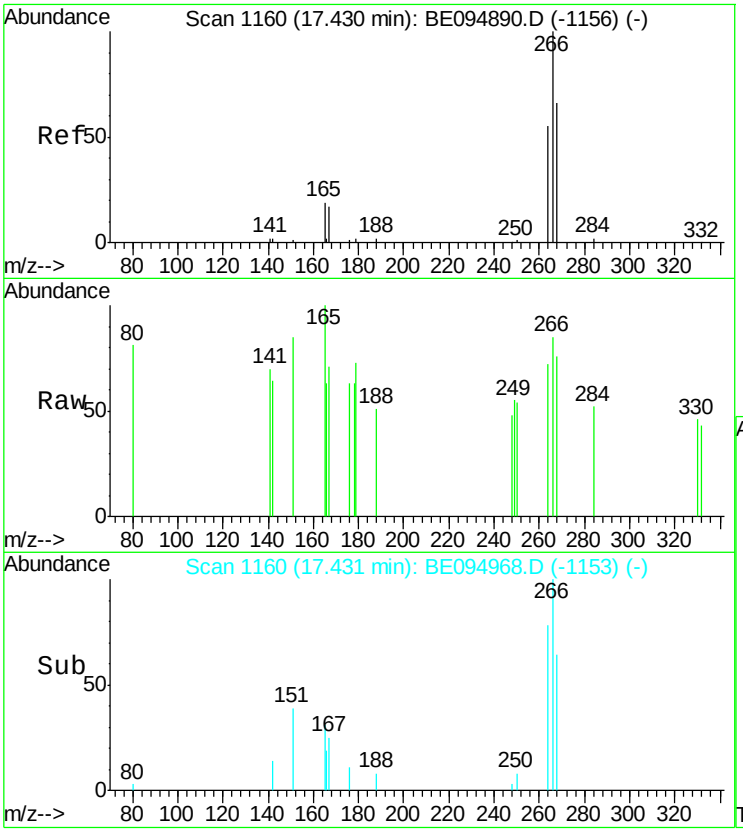


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:188 Resp: 23866

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	16.9	3.6	5.4#



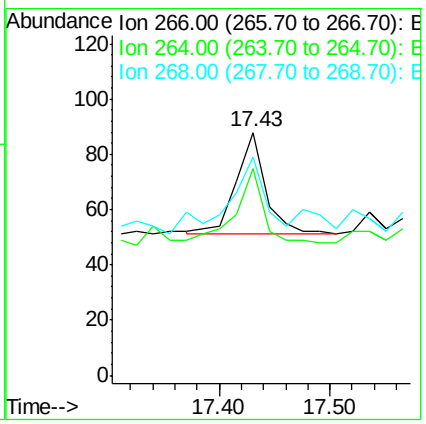


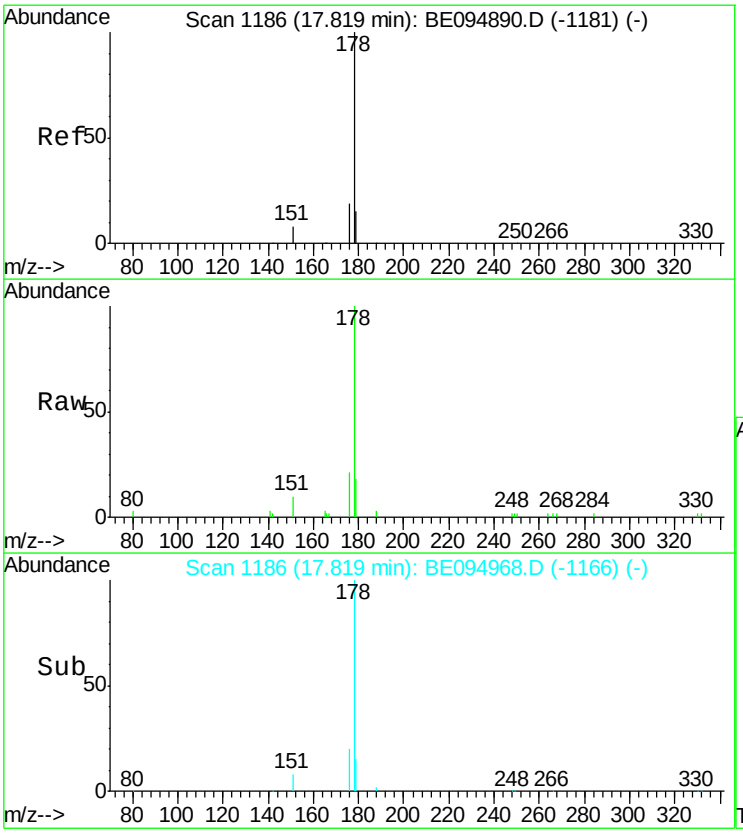
#22
Pentachlorophenol
Concen: 0.149 ng
RT: 17.43 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	85.2	72.5	108.7
268	89.8	73.8	110.6

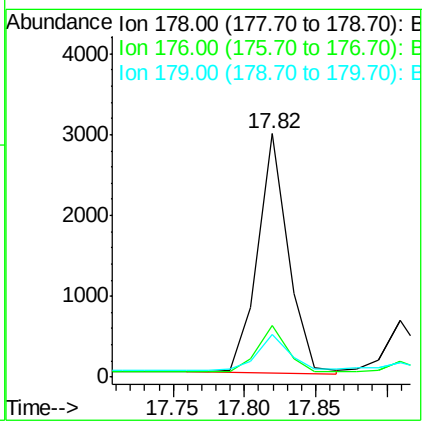


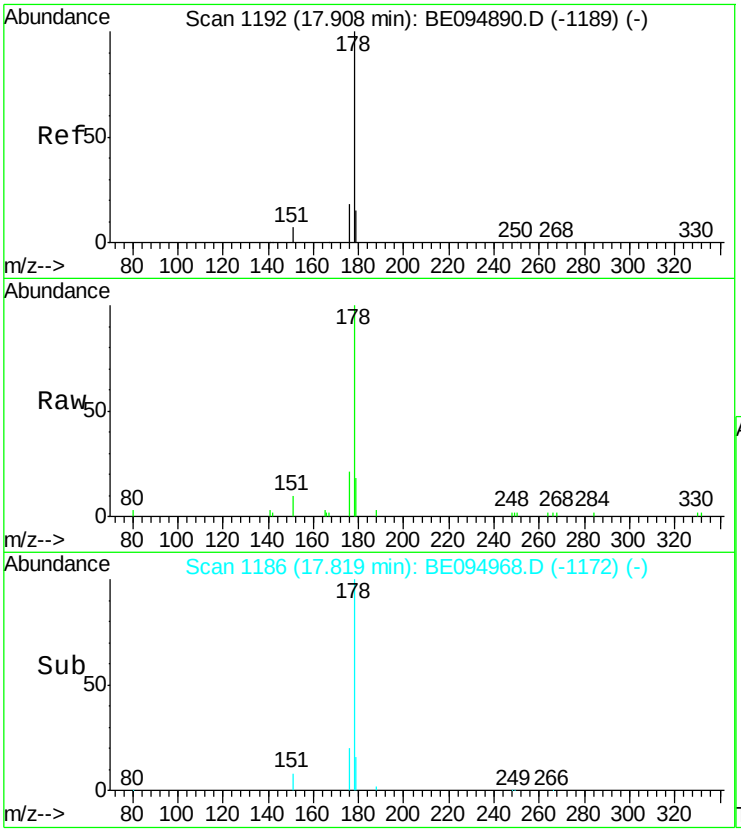


#23
Phenanthrene
Concen: 0.058 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:178 Resp: 4381

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	18.2	11.8	17.6#



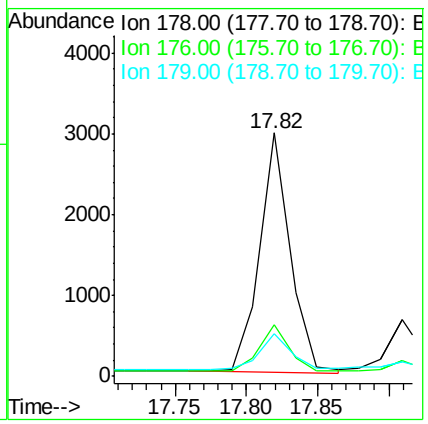


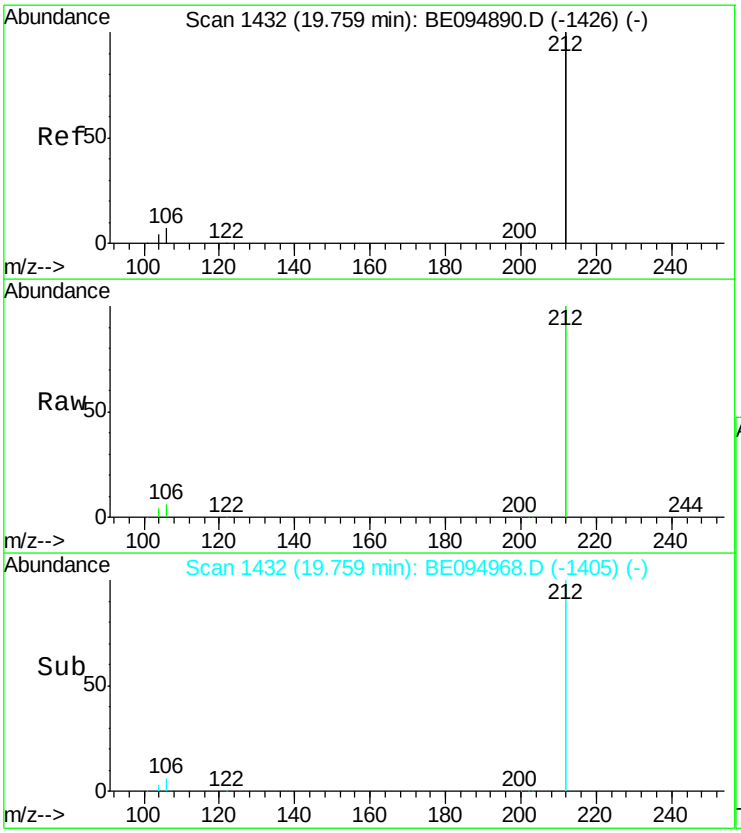
#24
Anthracene
Concen: 0.054 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.09 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4381

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	18.2	13.0	19.6

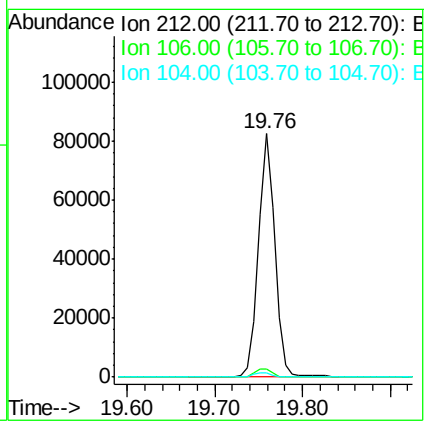


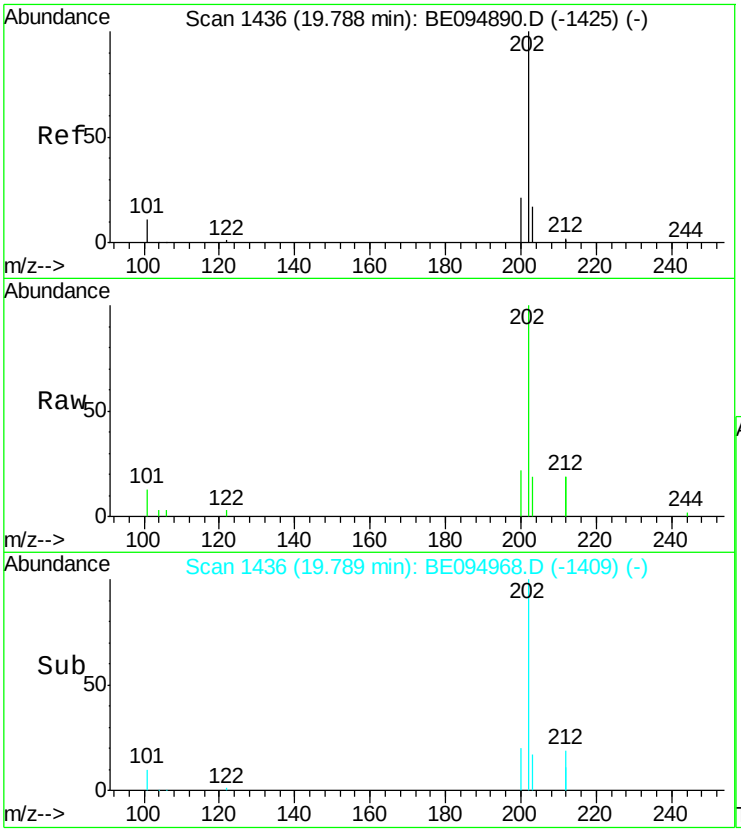


#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:212 Resp: 107711

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4



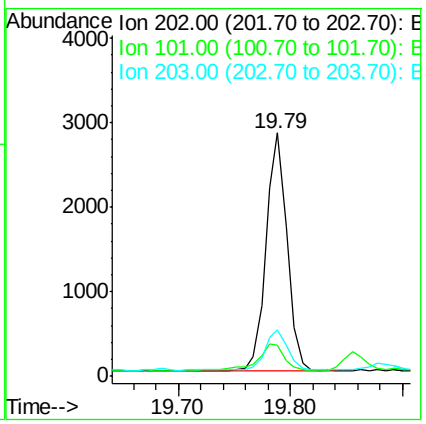


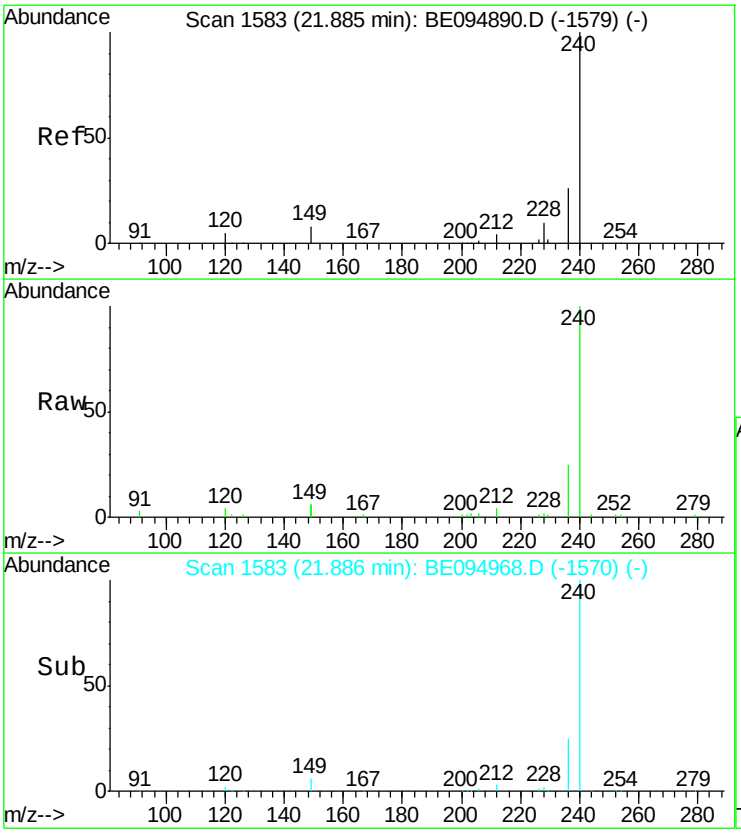
#26
Fluoranthene
Concen: 0.038 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3724

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.8	14.8
203	17.9	13.7	20.5

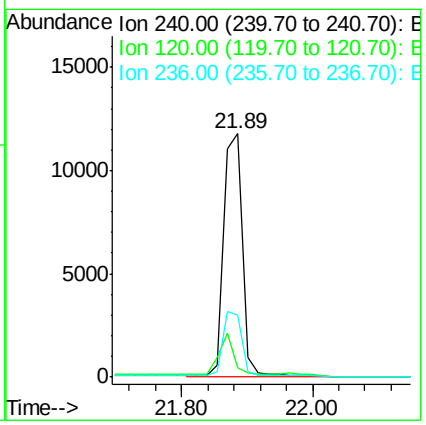


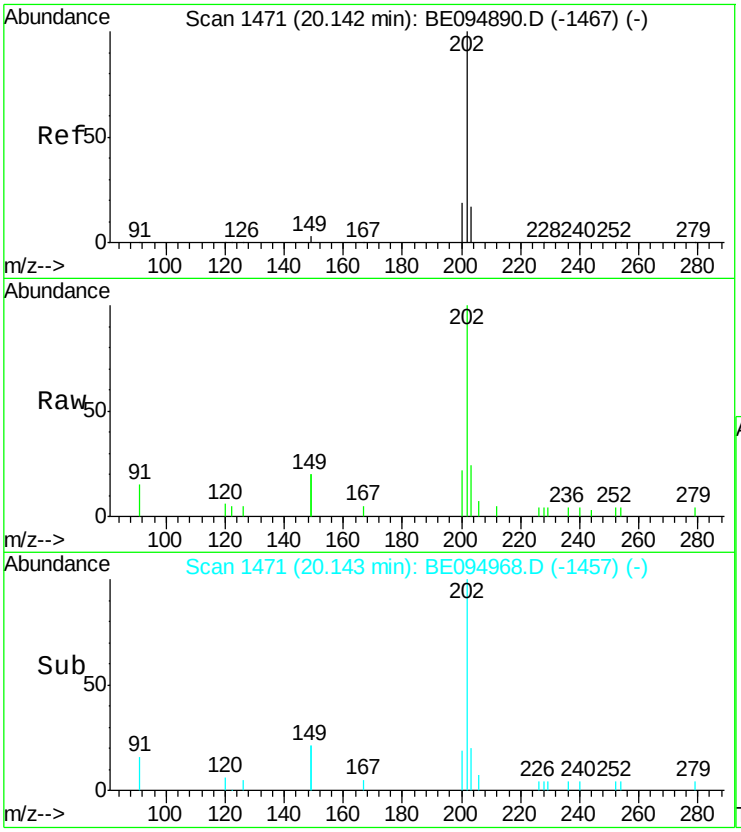


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:240 Resp: 24570

Ion	Ratio	Lower	Upper
240	100		
120	3.7	5.5	8.3#
236	25.3	20.7	31.1



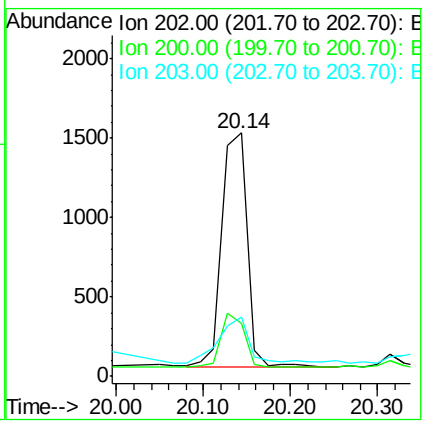


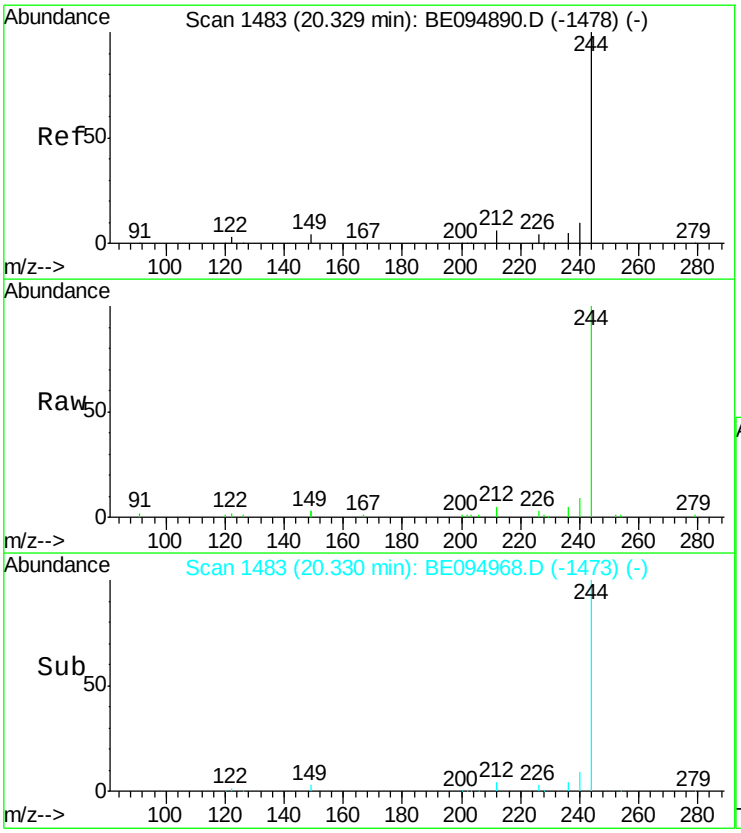
#28
Pyrene
Concen: 0.035 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 2938

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	22.8	13.8	20.8#

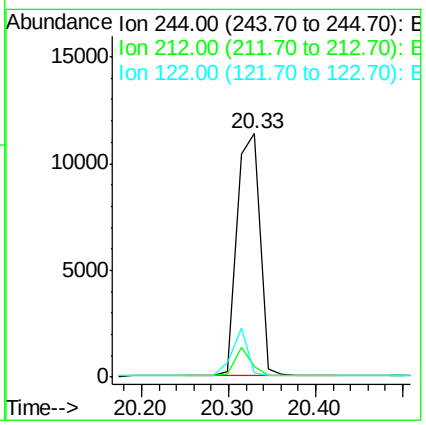


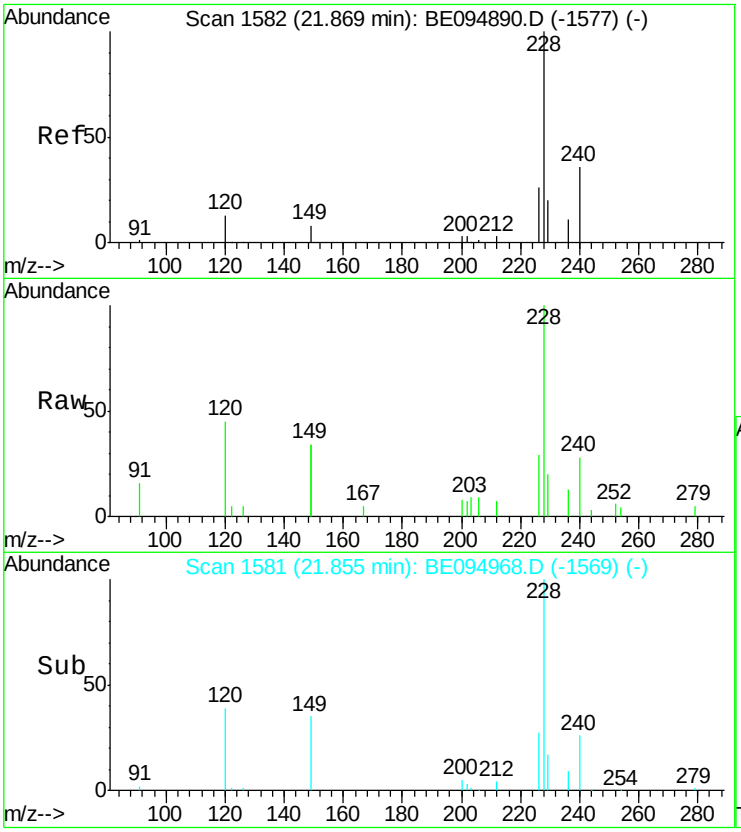


#29
Terphenyl-d14
Concen: 0.461 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:244 Resp: 20909

Ion	Ratio	Lower	Upper
244	100		
212	4.6	25.4	38.0#
122	1.9	8.1	12.1#



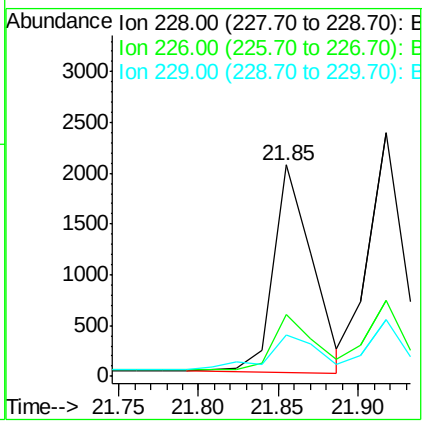


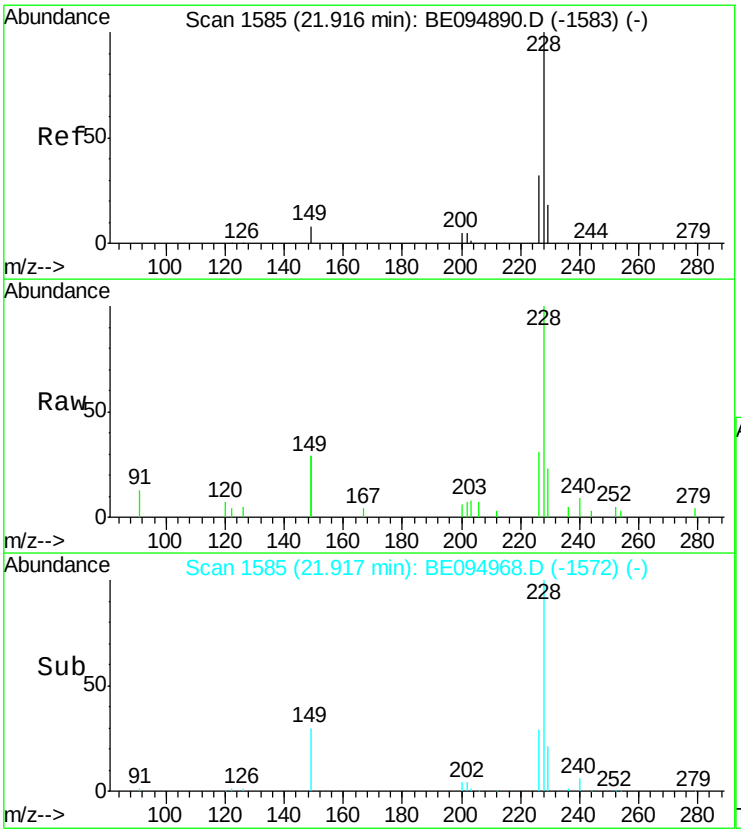
#30
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3450

Ion	Ratio	Lower	Upper
228	100		
226	29.1	40.0	60.0#
229	19.9	40.0	60.0#

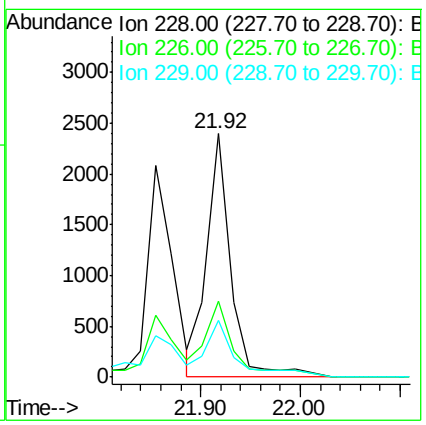


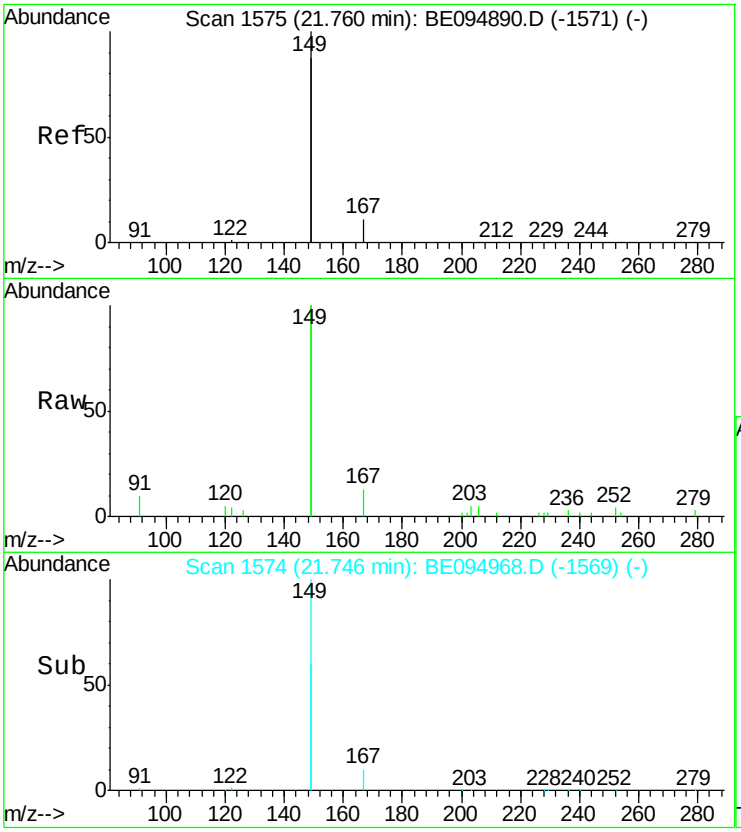


#31
Chrysene
Concen: 0.050 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:228 Resp: 4204

Ion	Ratio	Lower	Upper
228	100		
226	31.1	40.0	60.0#
229	23.3	40.0	60.0#



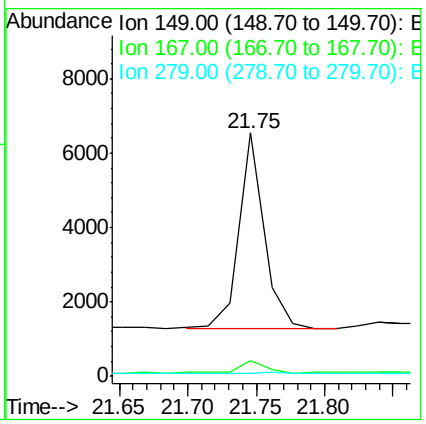


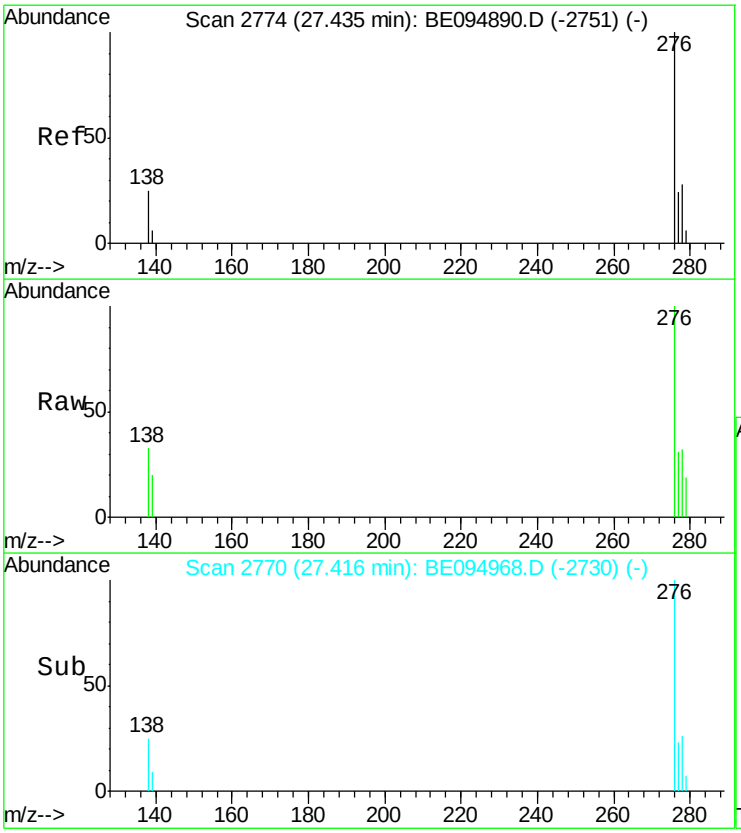
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.054 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 6738

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	1.0	0.7	1.1

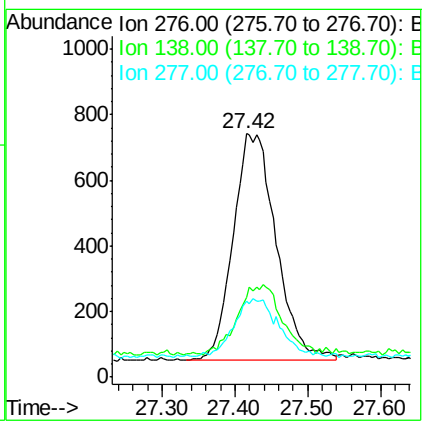


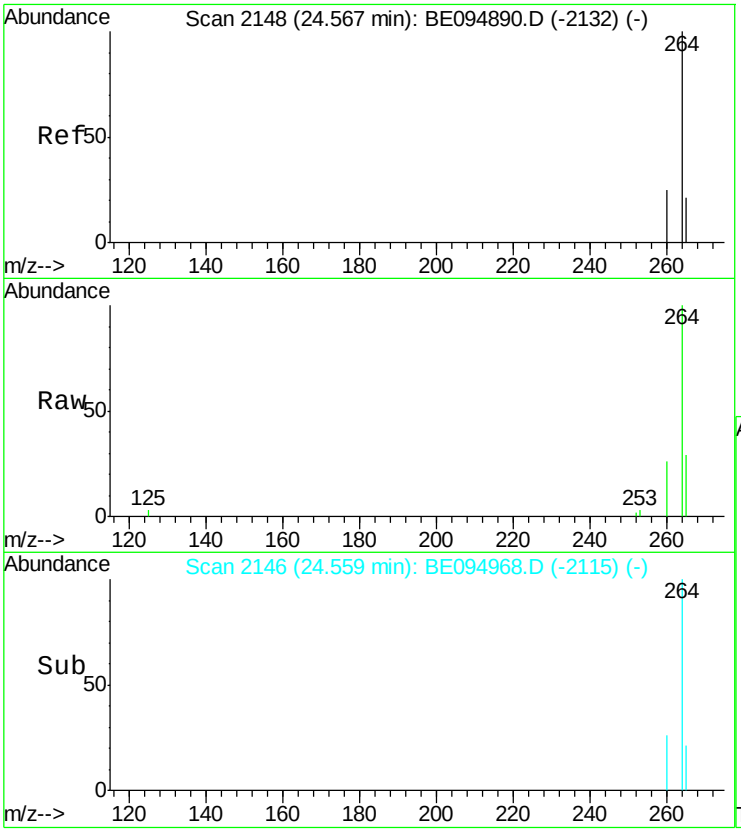


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.042 ng
RT: 27.42 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:276 Resp: 2829

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	26.7	19.9	29.9



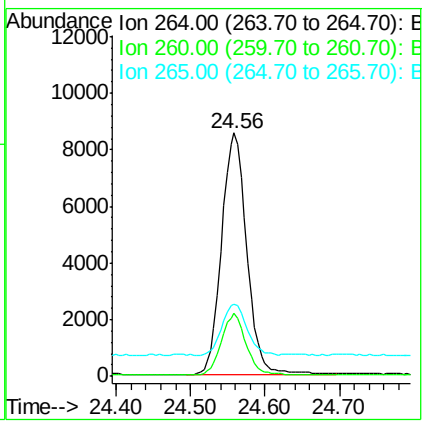


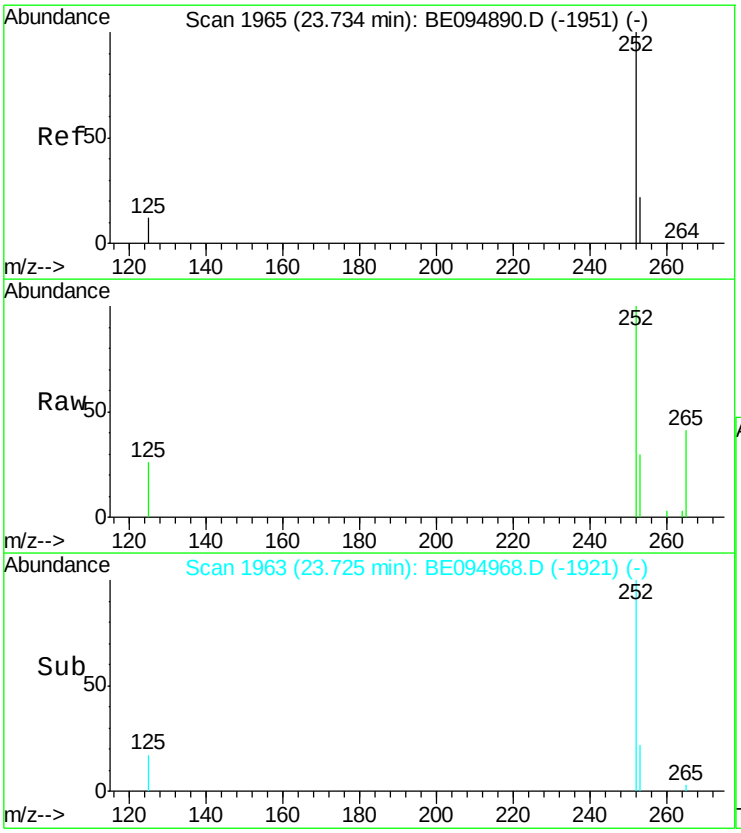
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 20034

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.4	22.8	34.2

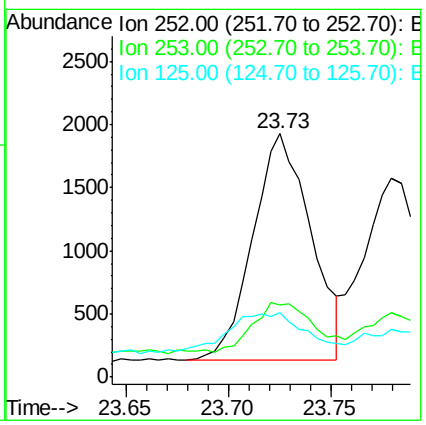


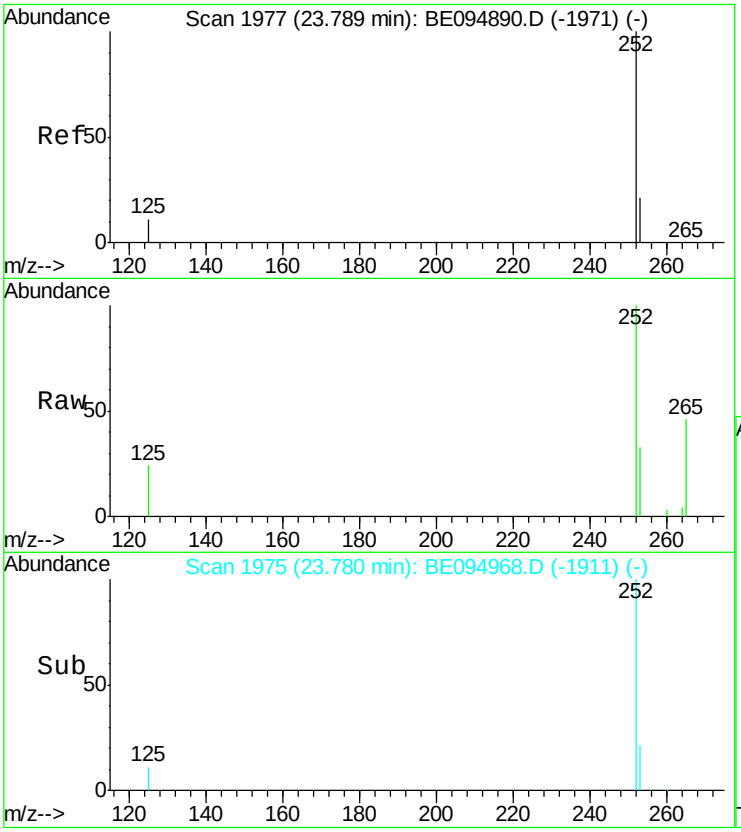


#35
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.73 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:252 Resp: 3526

Ion	Ratio	Lower	Upper
252	100		
253	29.7	48.0	72.0#
125	26.3	56.0	84.0#



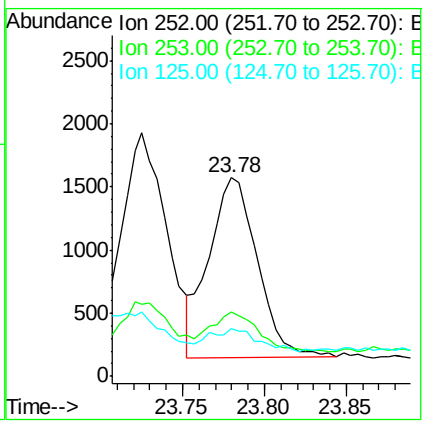


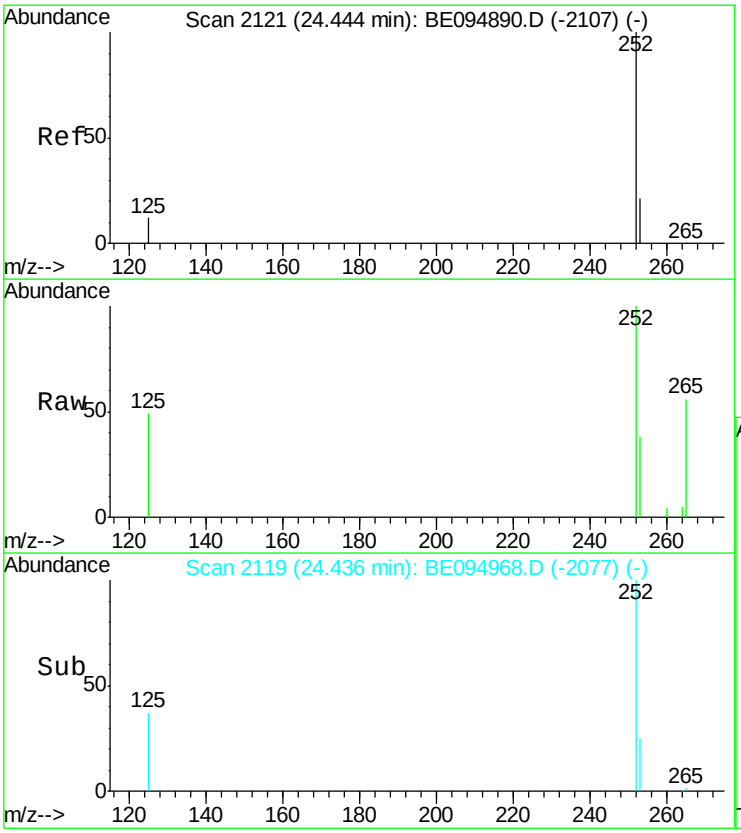
#36
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 23.78 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2927

Ion	Ratio	Lower	Upper
252	100		
253	32.8	48.0	72.0#
125	24.0	56.0	84.0#

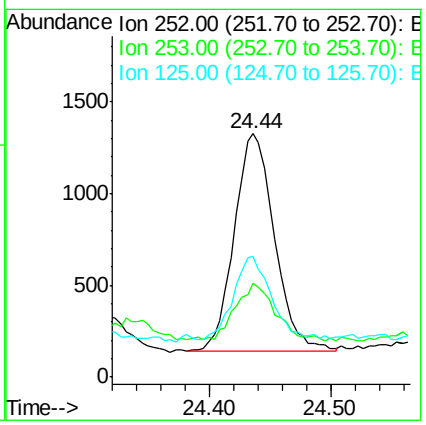


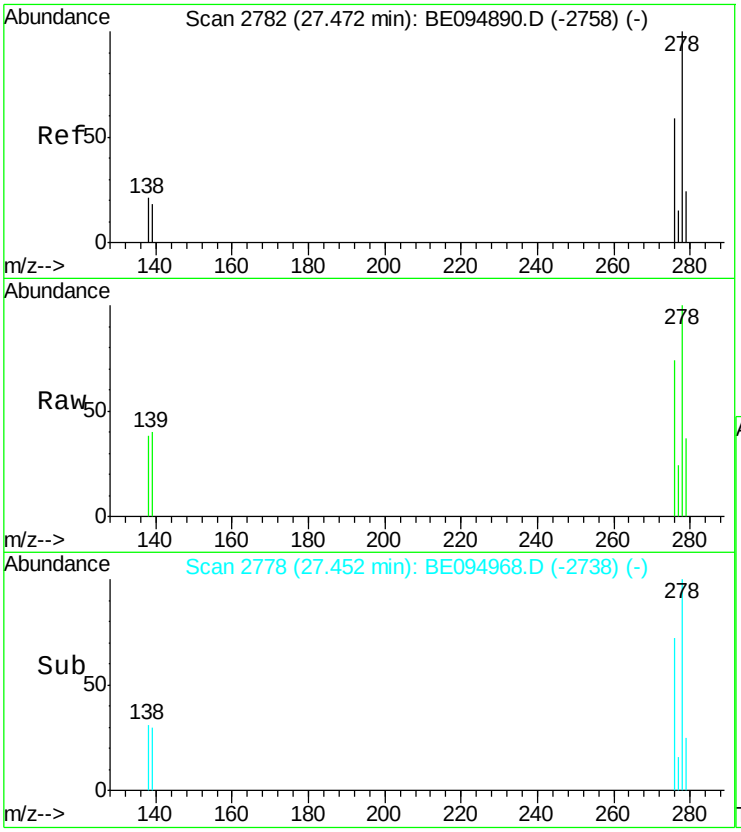


#37
Benzo(a)pyrene
Concen: 0.043 ng
RT: 24.44 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:252 Resp: 2731

Ion	Ratio	Lower	Upper
252	100		
253	38.3	52.0	78.0#
125	49.5	68.0	102.0#



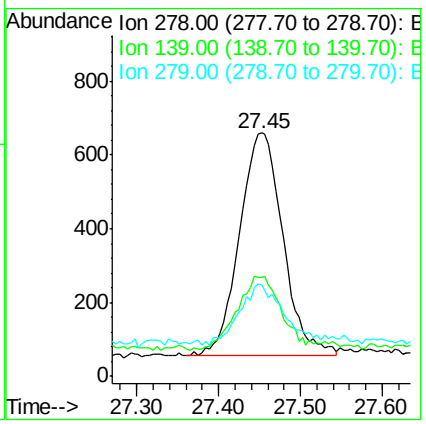


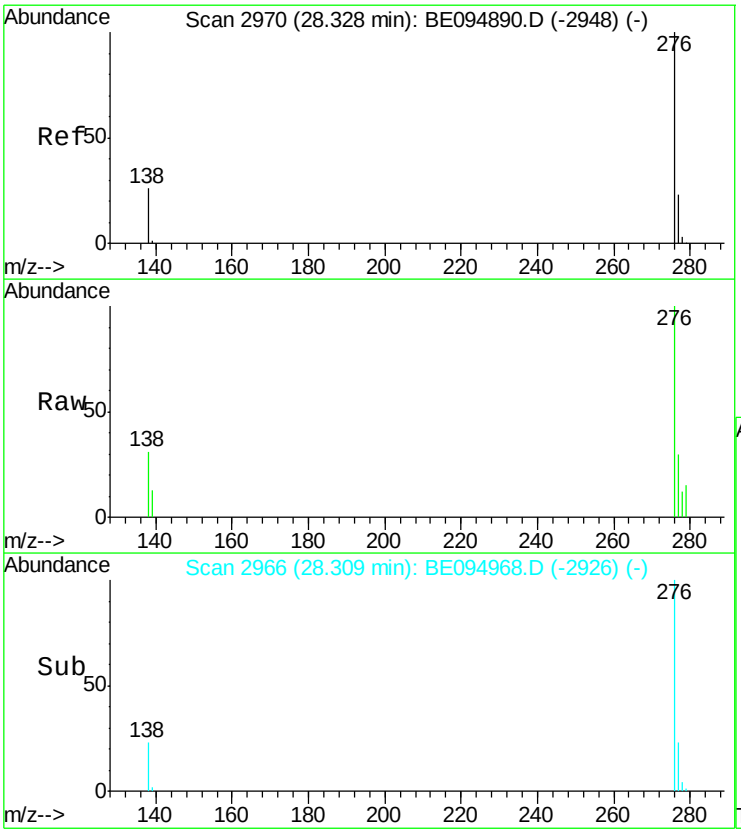
#38
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 27.45 min Scan# 2778
Delta R.T. -0.02 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2238

Ion	Ratio	Lower	Upper
278	100		
139	40.5	56.0	84.0#
279	37.3	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 28.31 min Scan# 2966
Delta R.T. -0.02 min
Lab File: BE094968.D
Acq: 9 Dec 2017 2:48

Tgt Ion:276 Resp: 2465

Ion	Ratio	Lower	Upper
276	100		
277	29.9	52.0	78.0#
138	31.3	44.0	66.0#