Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094979.D
Acq On : 14 Dec 2017 16:41
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Dec 14 17:26:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 17:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6182	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	13947	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8130	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	19094	0.40	ng		0.00
27) Chrysene-d12	21.87	240	21586	0.40	ng		0.00
34) Perylene-d12	24.55	264	15559	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	7275	0.74	ng		0.00
5) Phenol-d6	7.59	99	11188	0.77	ng		0.00
8) Nitrobenzene-d5	9.65	82	8606	1.04	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	18020	0.81	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	1503	0.86	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	27914	0.80	ng		0.00
25) Fluoranthene-d10	19.75	212	191629	0.73	ng		0.00
29) Terphenyl-d14	20.31	244	32233	0.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	4765	0.737	ng	#	89
3) n-Nitrosodimethylamine	4.02	42	5752	0.698	ng		92
6) bis(2-Chloroethyl)ether	7.87	93	10920	0.760	ng		97
9) Naphthalene	11.38	128	129309	0.791	ng		99
10) Hexachlorobutadiene	11.64	225	5834	0.845	ng		97
12) 2-Methylnaphthalene	12.93	142	31608	0.778	ng		98
16) Acenaphthylene	14.79	152	34102	0.742	ng		100
17) Acenaphthene	15.12	154	22443	0.756	ng		96
18) Fluorene	16.10	166	28735	0.761	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	8769	0.823	ng	#	78
21) Hexachlorobenzene	17.09	284	8903	0.857	ng	#	82
22) Pentachlorophenol	17.41	266	1830	0.713	ng	#	72
23) Phenanthrene	17.82	178	46987	0.772	ng		99
24) Anthracene	17.91	178	47219	0.732	ng	#	96
26) Fluoranthene	19.78	202	58032	0.742	ng		99
28) Pyrene	20.13	202	57139	0.767	ng		97
30) Benzo(a)anthracene	21.85	228	48983	0.740	ng	#	61
31) Chrysene	21.92	228	54009	0.738	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.74	149	54994	0.501	ng		100
33) Indeno(1,2,3-cd)pyrene	27.41	276	43231	0.722	ng		99
35) Benzo(b)fluoranthene	23.72	252	44044	0.775	ng	#	89
36) Benzo(k)fluoranthene	23.77	252	46558	0.804	ng		95
37) Benzo(a)pyrene	24.43	252	38819	0.779	ng		94
38) Dibenzo(a,h)anthracene	27.44	278	36897	0.802	ng		96
39) Benzo(g,h,i)perylene	28.30	276	36828	0.802	ng		96

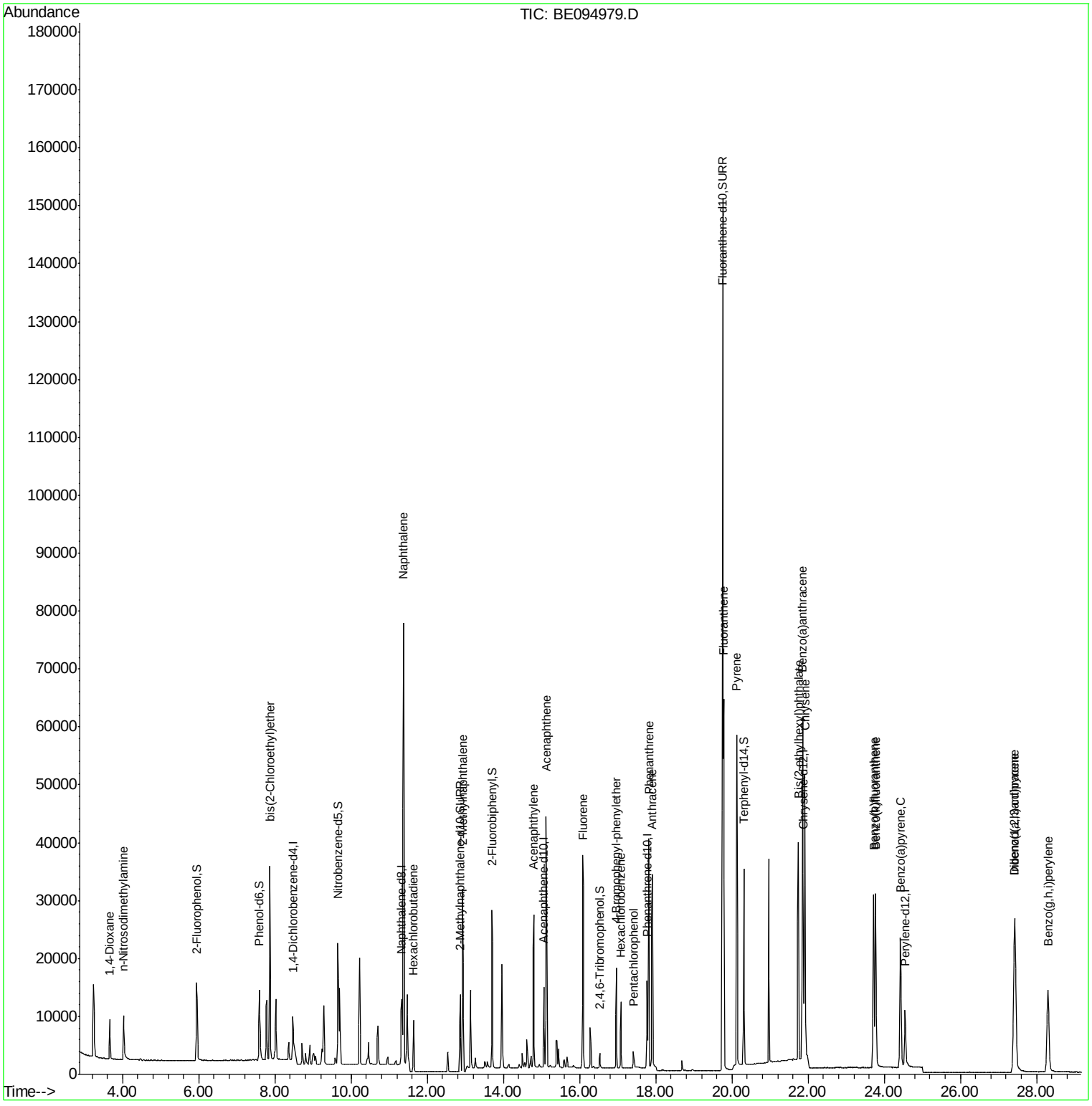
(#) = qualifier out of range (m) = manual integration (+) = signals summed

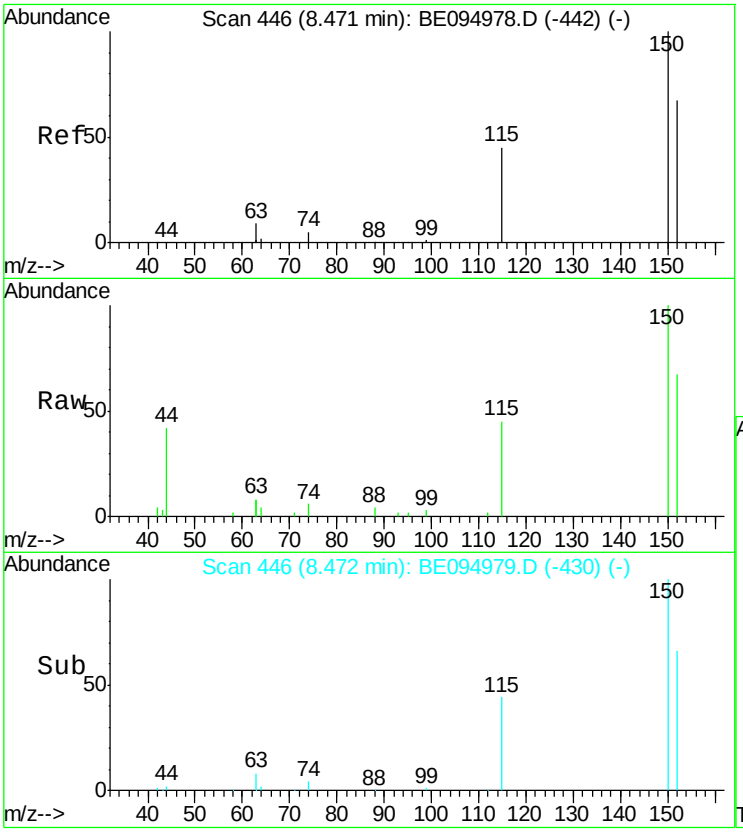
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121417\
Data File : BE094979.D
Acq On : 14 Dec 2017 16:41
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 14 17:26:47 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 17:23:49 2017
Response via : Initial Calibration



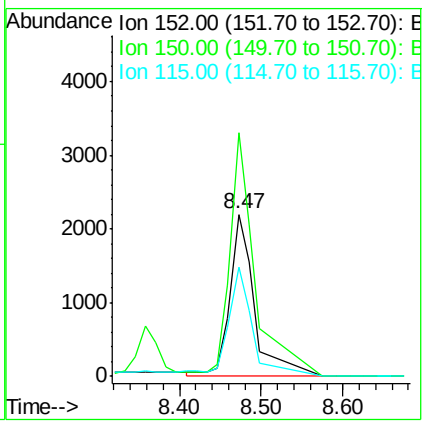


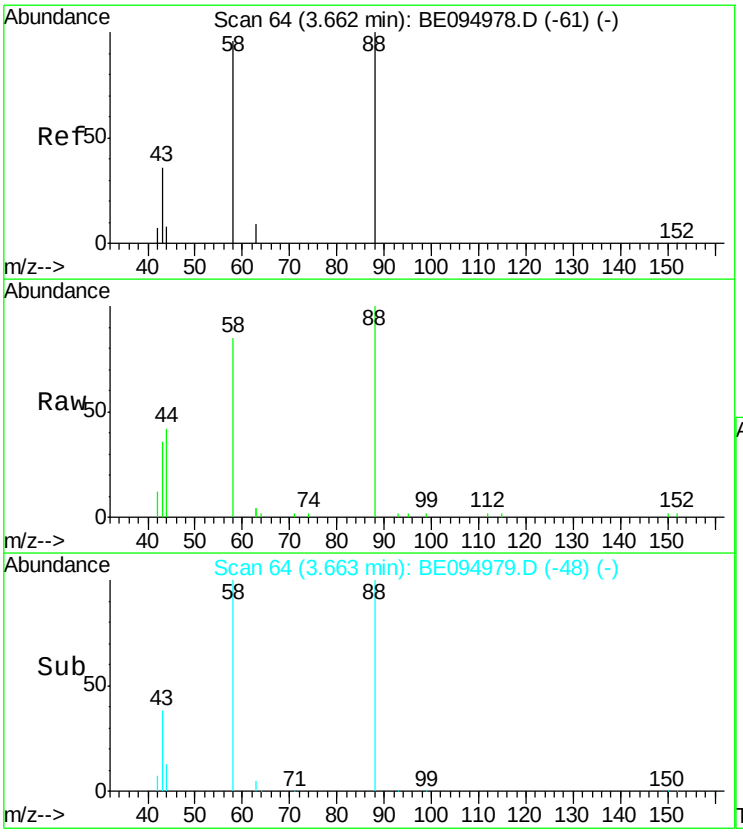
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6182

Ion	Ratio	Lower	Upper
152	100		
150	150.2	117.2	175.8
115	67.7	57.0	85.6

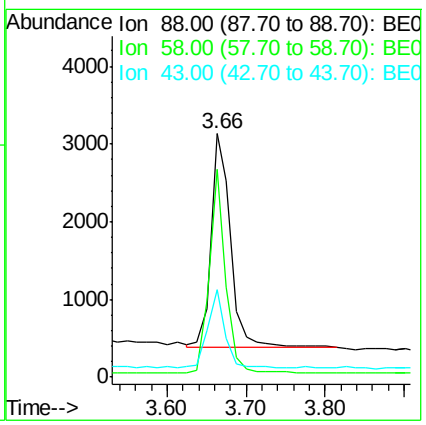


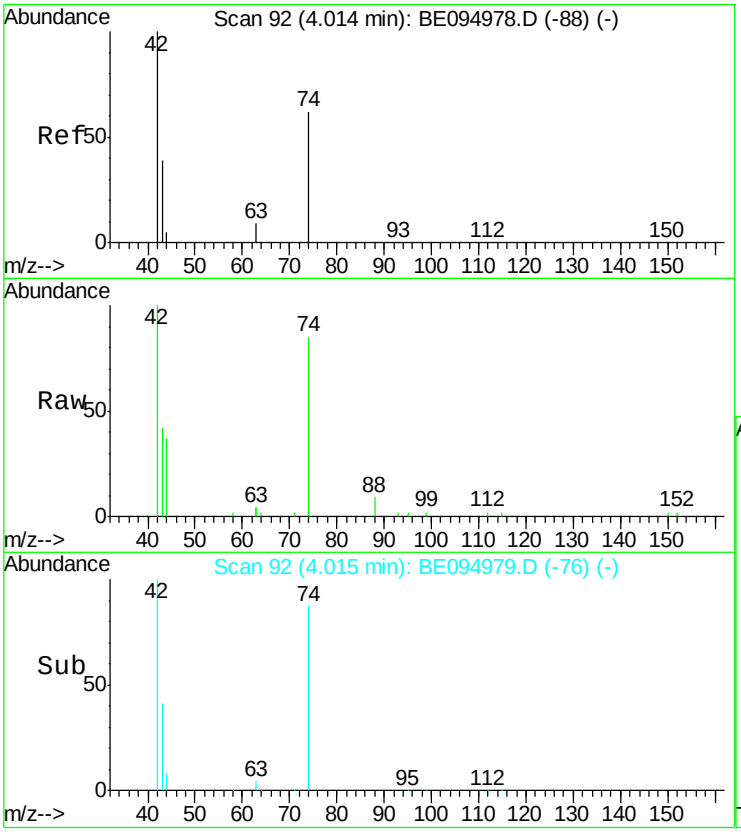


#2
1,4-Dioxane
Concen: 0.737 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion: 88 Resp: 4765

Ion	Ratio	Lower	Upper
88	100		
58	79.4	63.2	94.8
43	33.1	41.2	61.8#



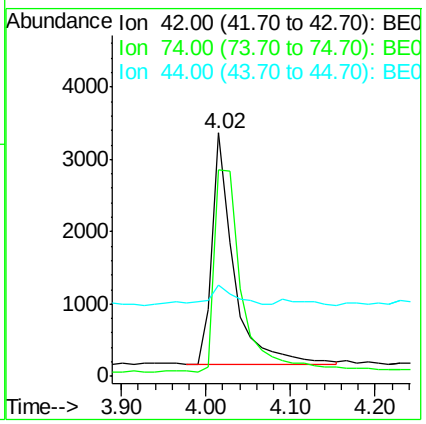


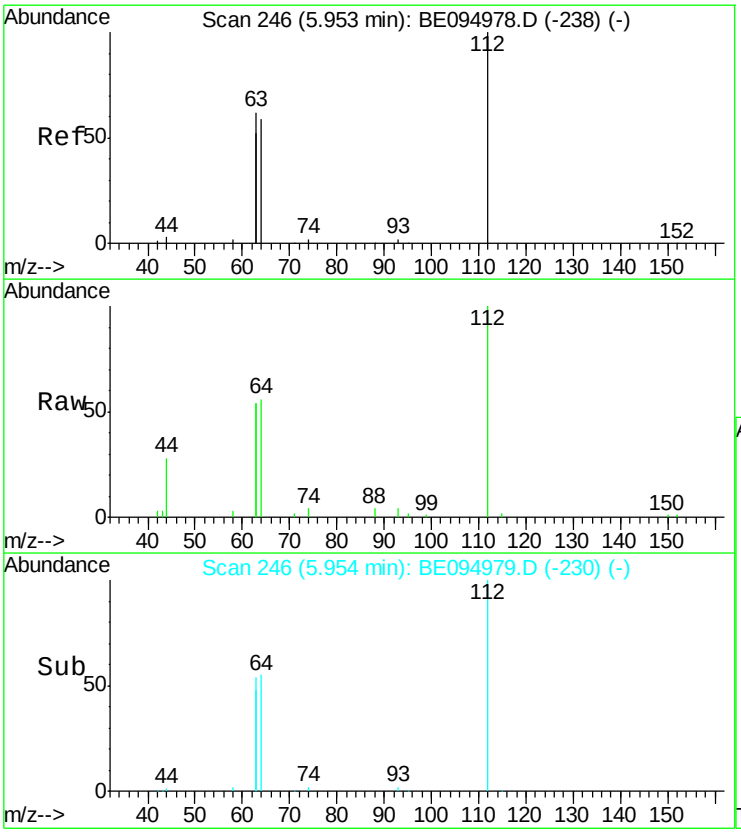
#3
n-Nitrosodimethylamine
Concen: 0.698 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 5752

Ion	Ratio	Lower	Upper
42	100		
74	111.1	96.0	144.0
44	12.2	12.0	18.0

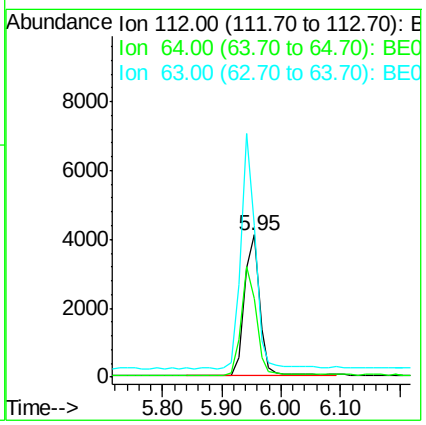


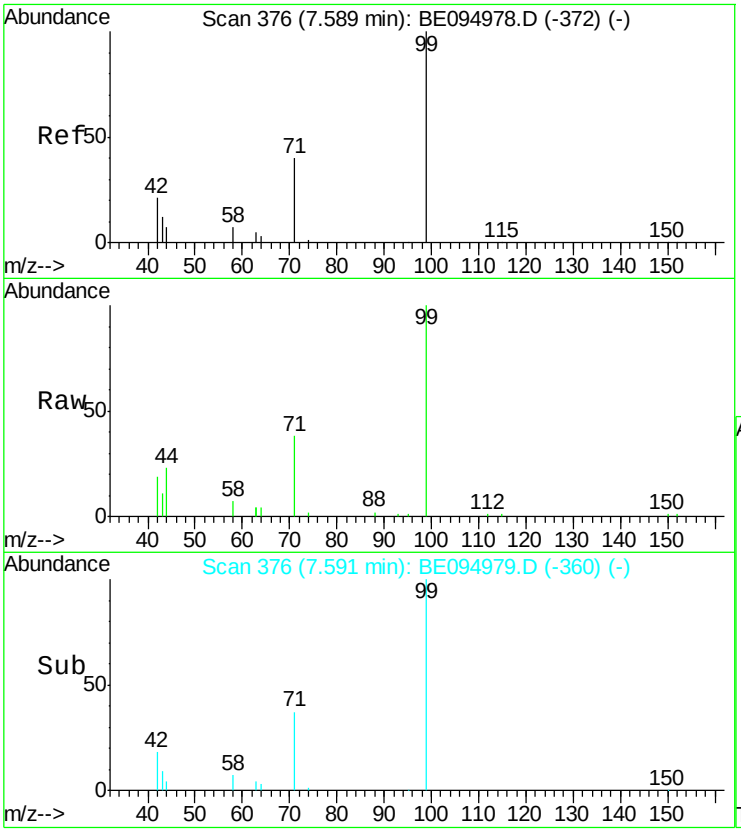


#4
2-Fluorophenol
Concen: 0.744 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:112 Resp: 7275

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	155.7	116.8	175.2



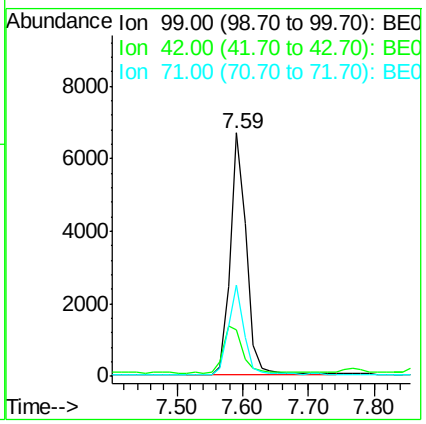


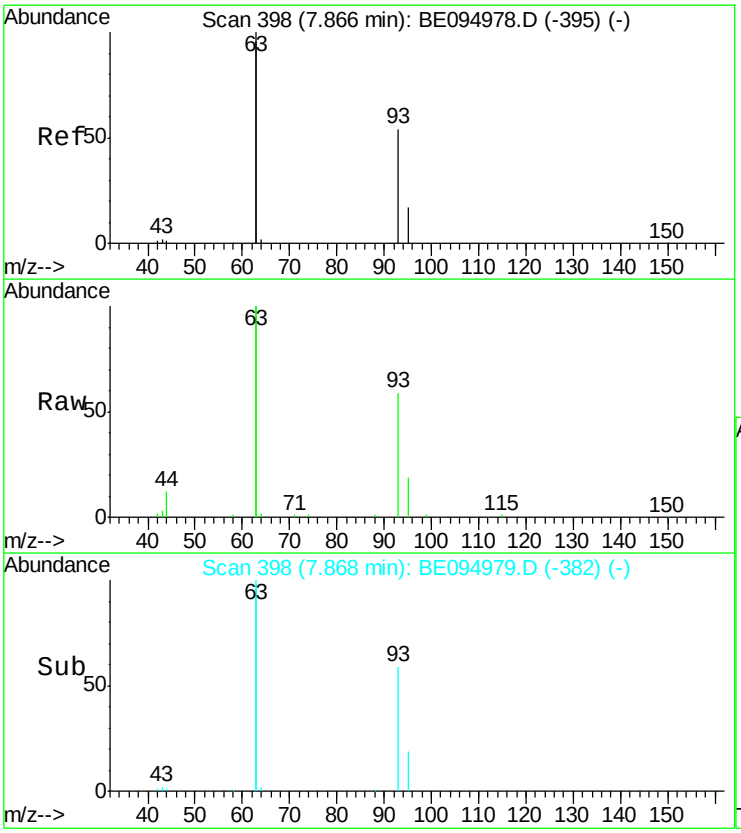
#5
Phenol-d6
Concen: 0.772 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 11188

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.2	30.2
71	36.0	28.4	42.6

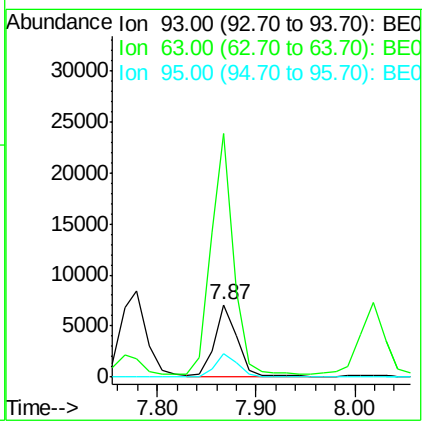


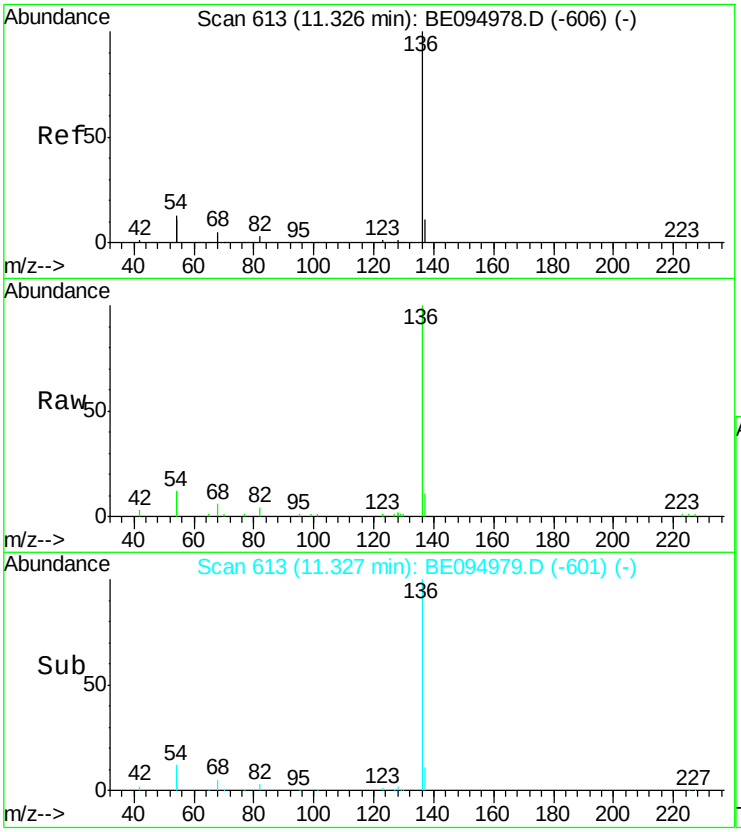


#6
bis(2-Chloroethyl)ether
Concen: 0.760 ng
RT: 7.87 min Scan# 398
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion: 93 Resp: 10920

Ion	Ratio	Lower	Upper
93	100		
63	337.9	275.3	412.9
95	32.5	25.2	37.8



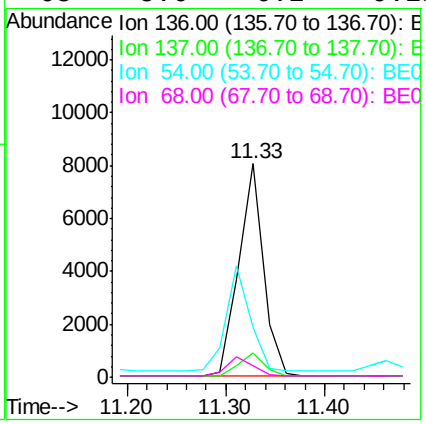


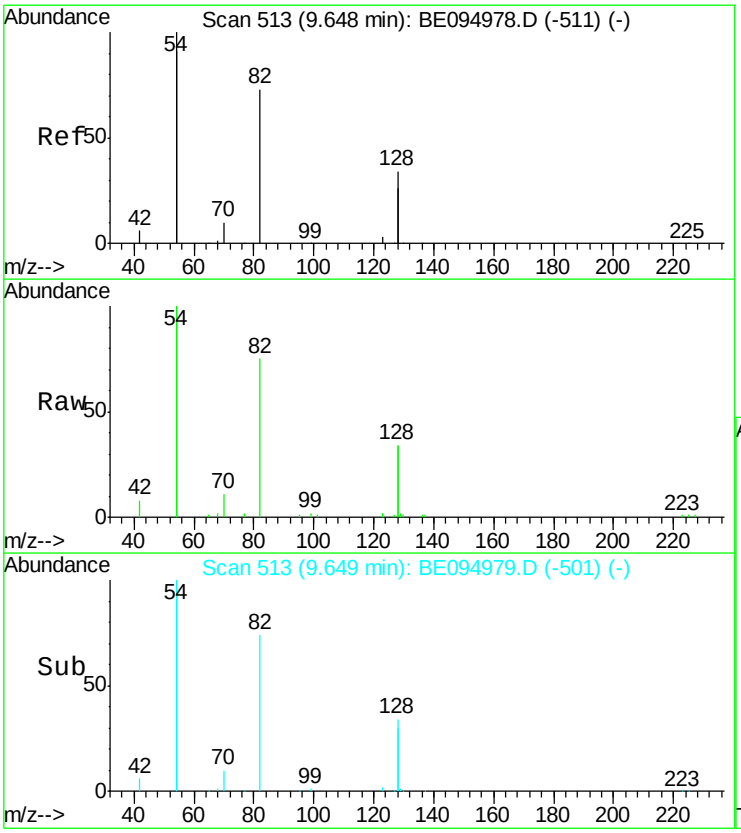
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 13947

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	23.4	29.1	43.7#
68	5.6	6.2	9.2#

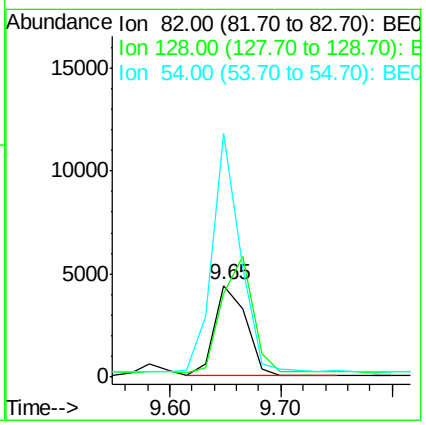


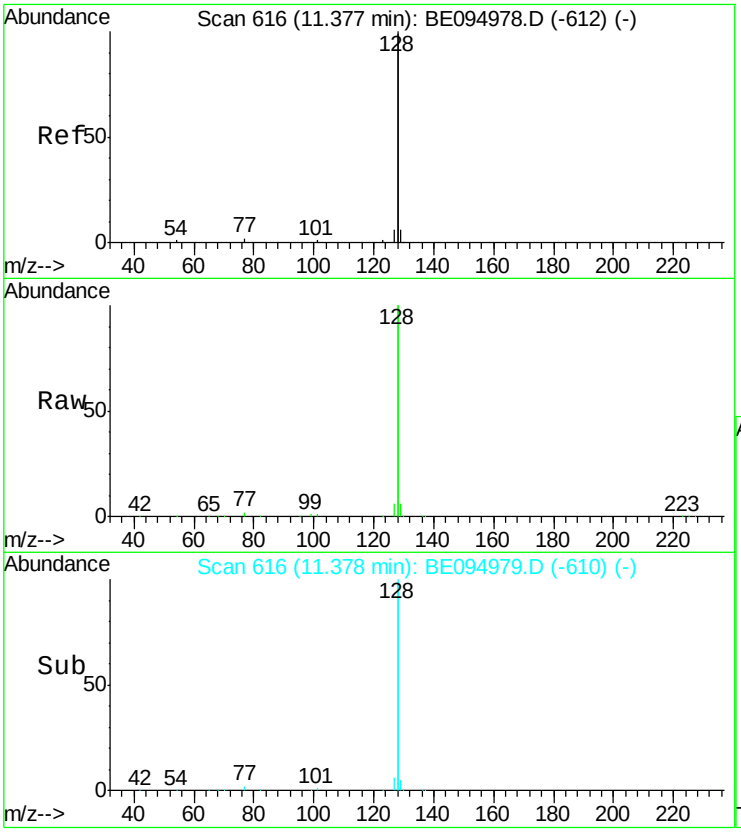


#8
Nitrobenzene-d5
Concen: 1.042 ng
RT: 9.65 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion: 82 Resp: 8606

Ion	Ratio	Lower	Upper
82	100		
128	91.7	150.0	225.0#
54	265.8	154.2	231.4#



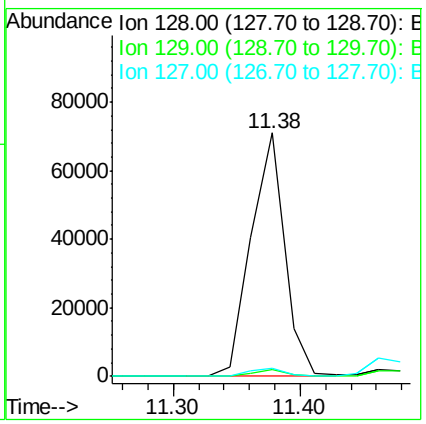


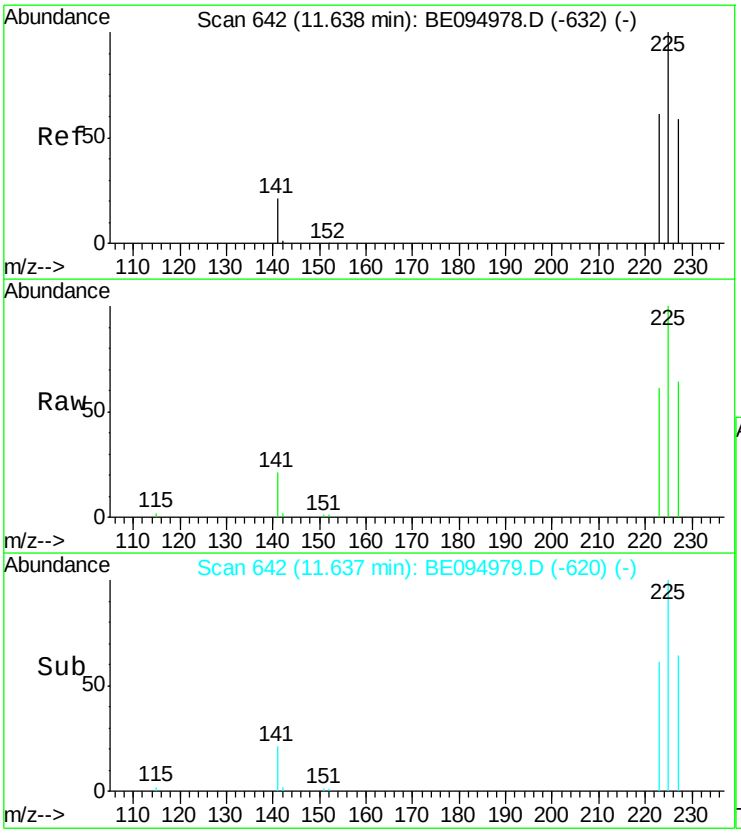
#9
Naphthalene
Concen: 0.791 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 129309

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.1	2.8	4.2

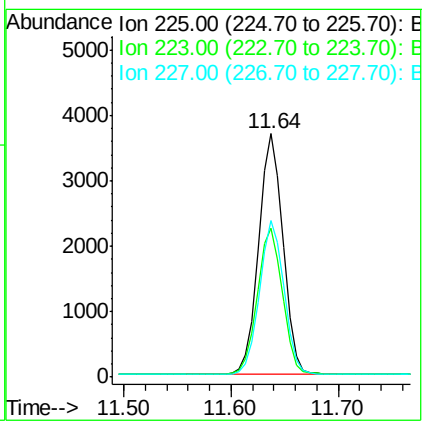


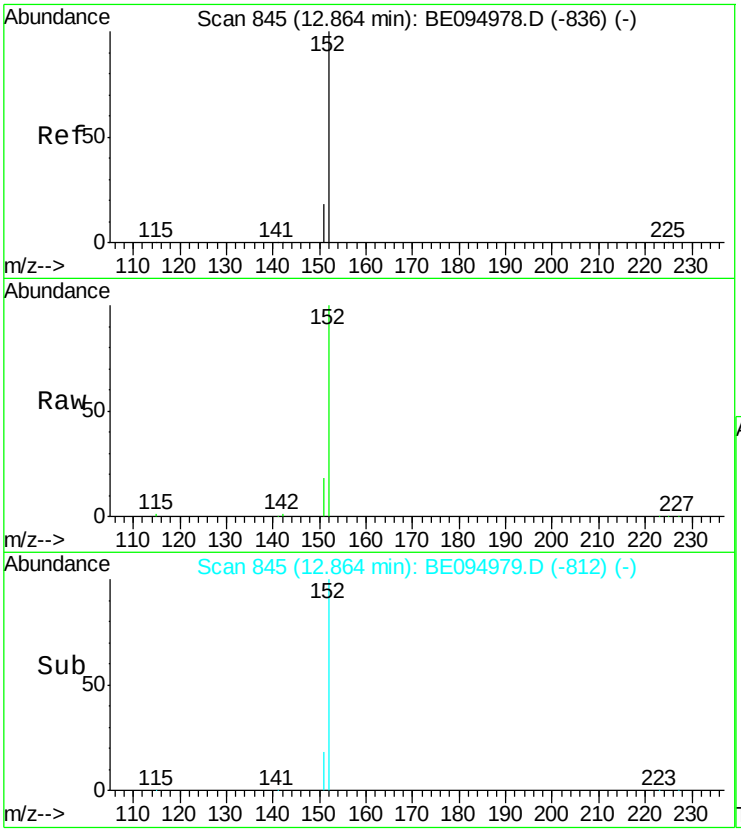


#10
Hexachlorobutadiene
Concen: 0.845 ng
RT: 11.64 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:225 Resp: 5834

Ion	Ratio	Lower	Upper
225	100		
223	62.2	53.0	79.6
227	63.9	51.4	77.2



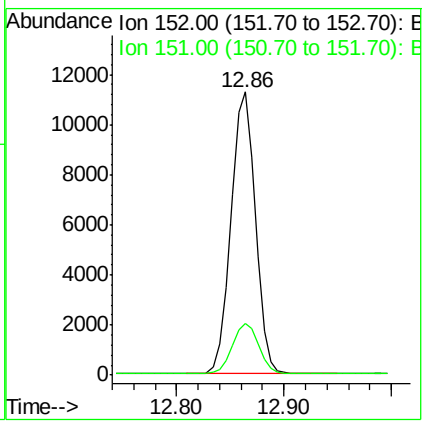


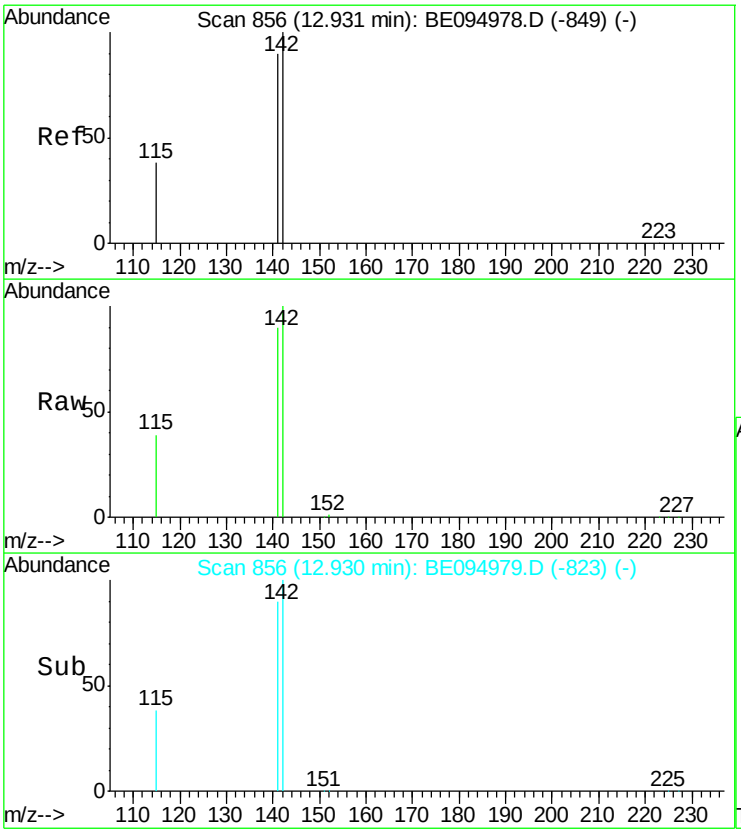
#11
2-Methylnaphthalene-d10
Concen: 0.810 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 18020

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

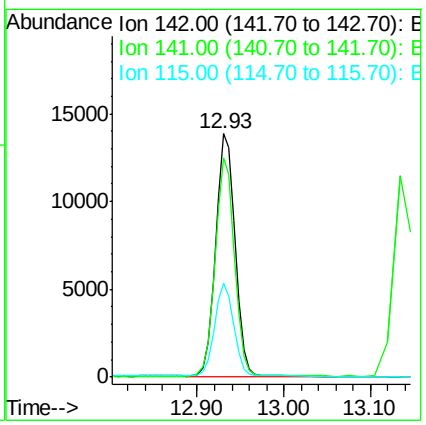


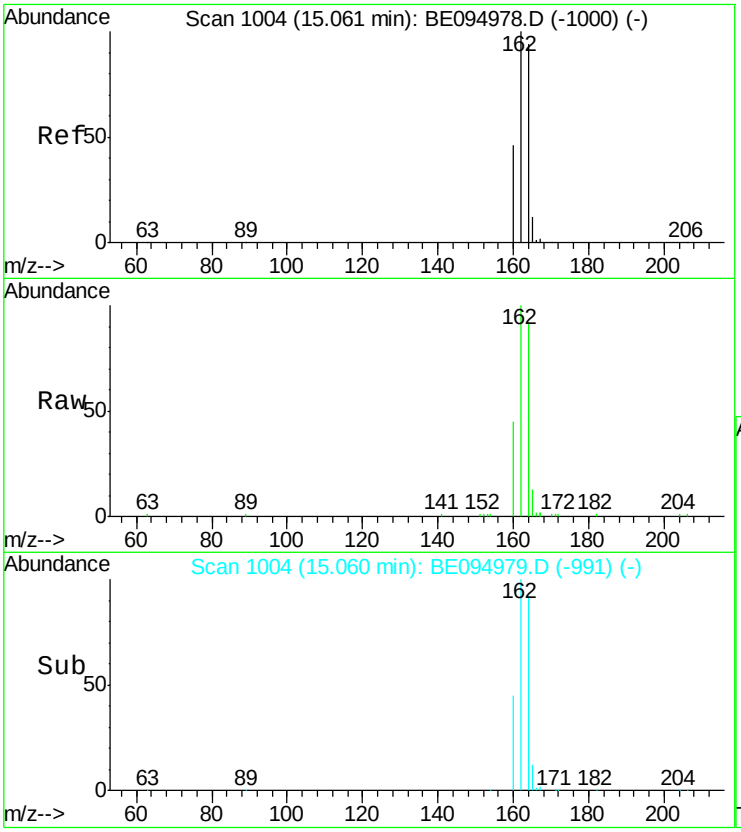


#12
2-Methylnaphthalene
Concen: 0.778 ng
RT: 12.93 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:142 Resp: 31608

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	38.6	31.7	47.5



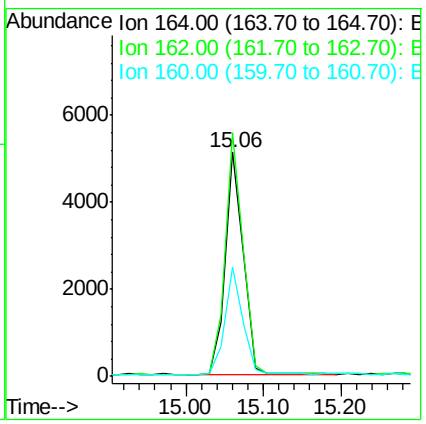


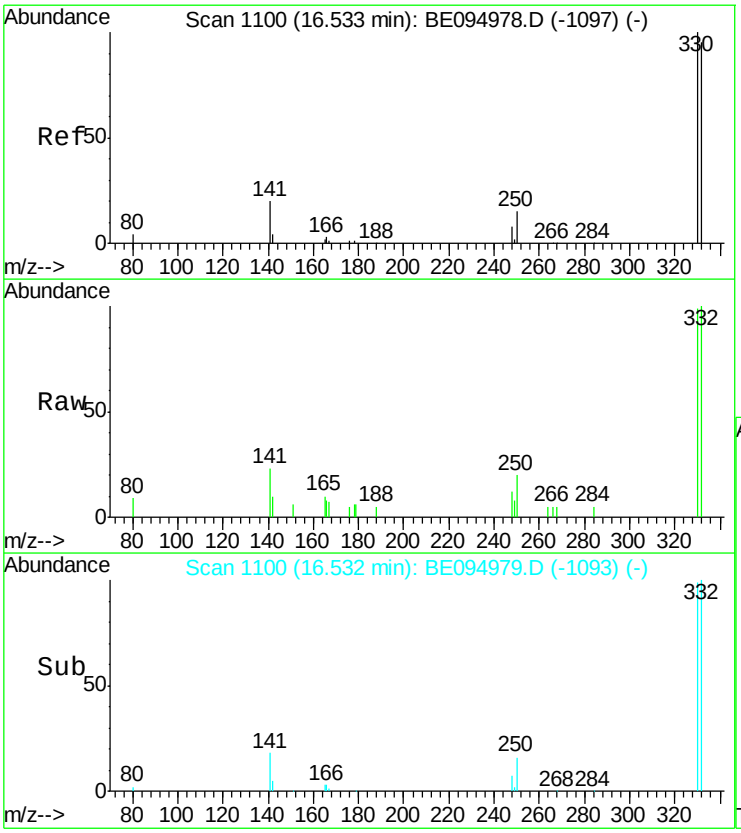
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 8130

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.1	124.7
160	49.0	37.1	55.7

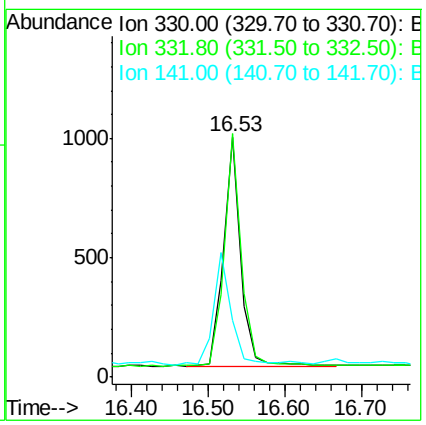


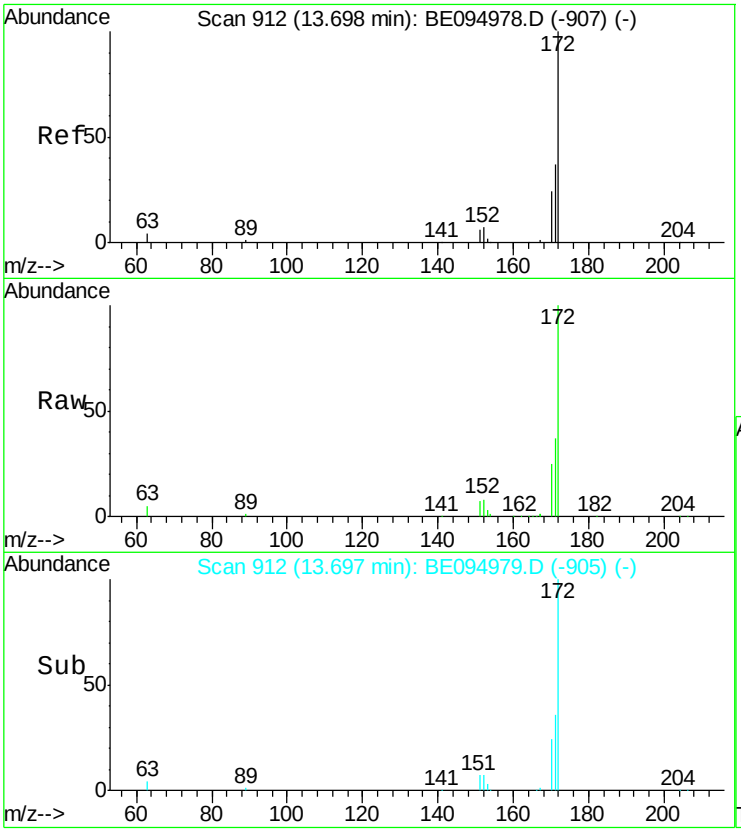


#14
2,4,6-Tribromophenol
Concen: 0.855 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:330 Resp: 1503

Ion	Ratio	Lower	Upper
330	100		
332	99.3	152.7	229.1#
141	51.2	33.7	50.5#



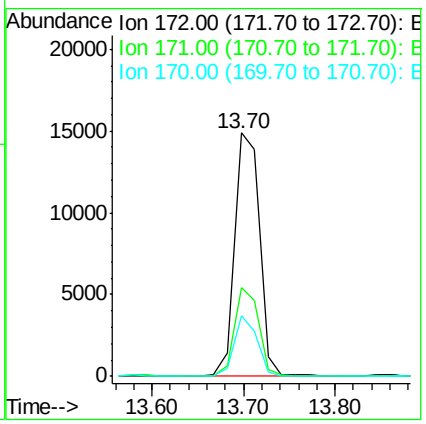


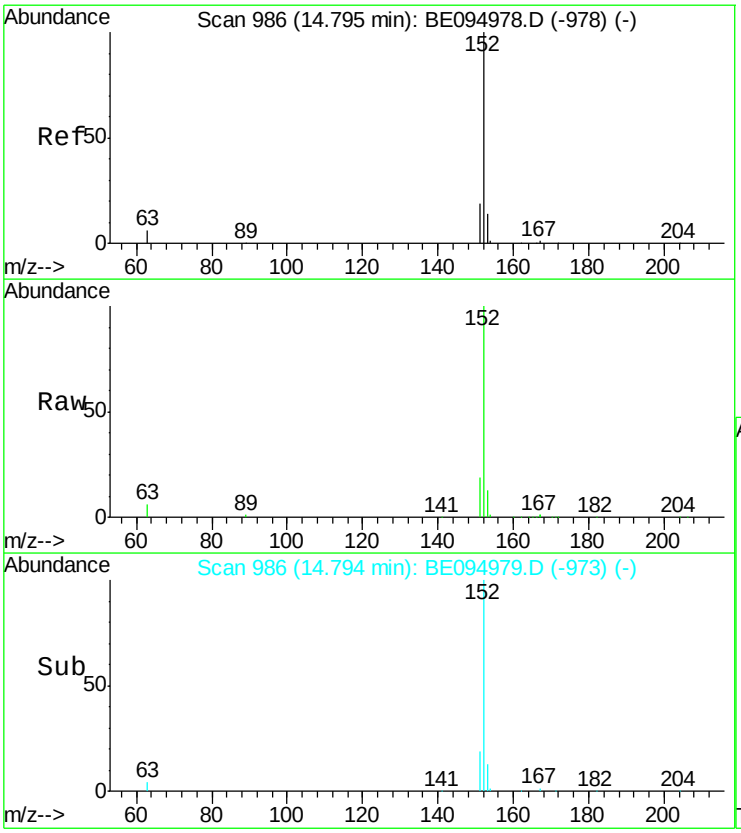
#15
2-Fluorobiphenyl
Concen: 0.802 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 27914

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	21.8	32.8

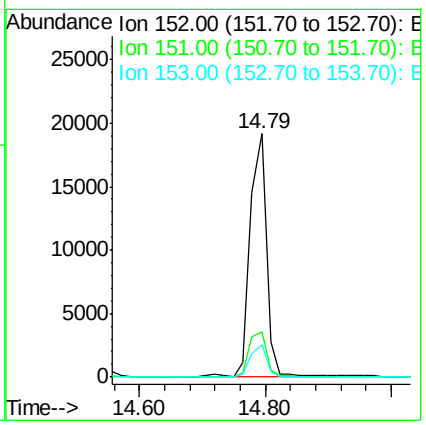


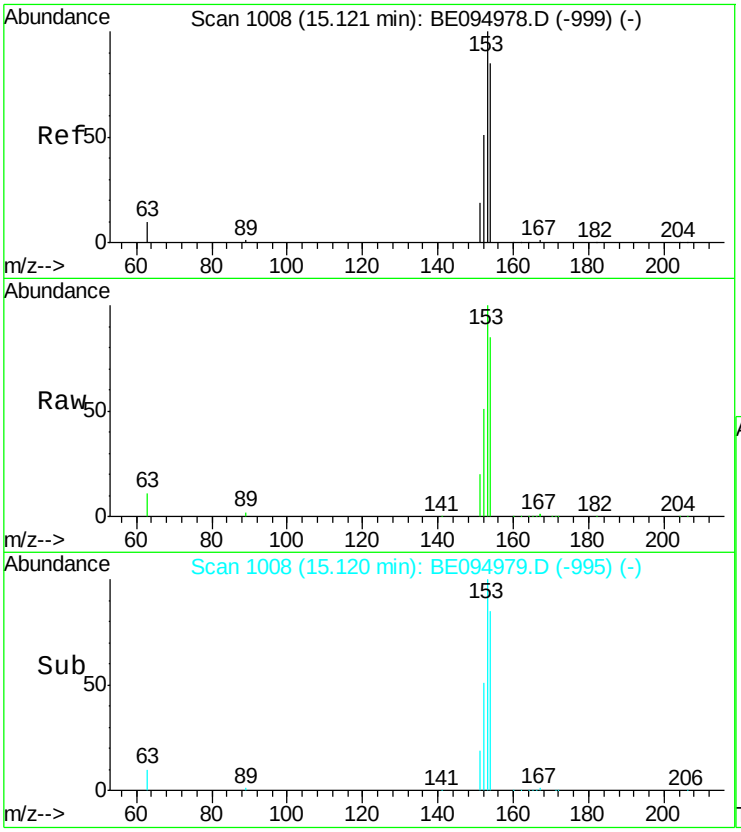


#16
Acenaphthylene
Concen: 0.742 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:152 Resp: 34102

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.5	15.7



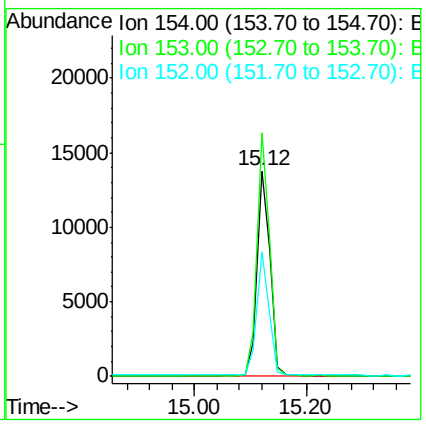


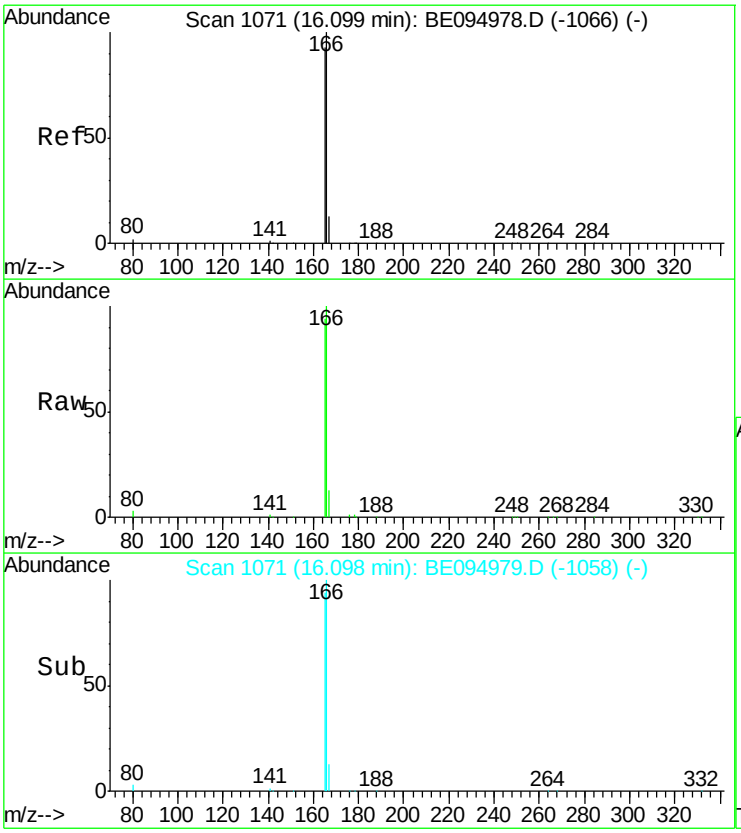
#17
Acenaphthene
Concen: 0.756 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 22443

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.2	133.8
152	57.4	42.0	63.0

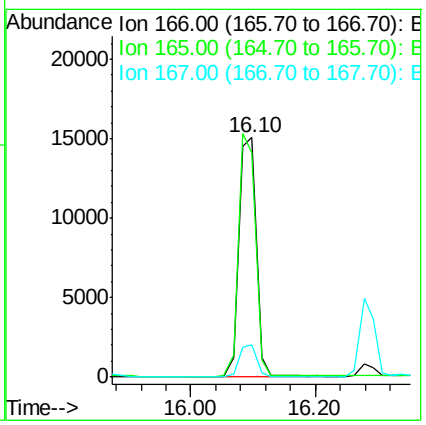


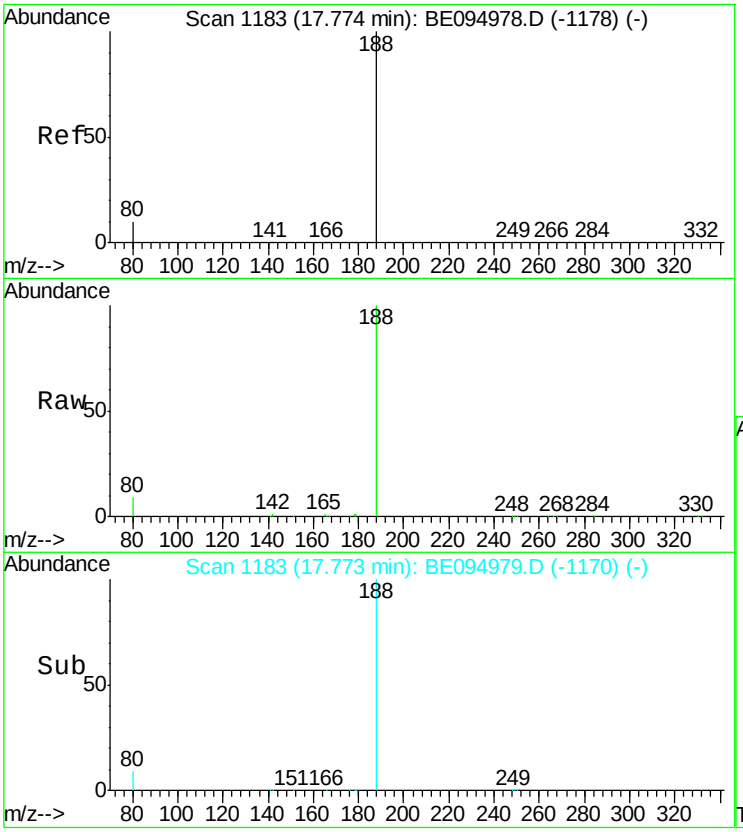


#18
Fluorene
Concen: 0.761 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:166 Resp: 28735

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.1	42.4	63.6#



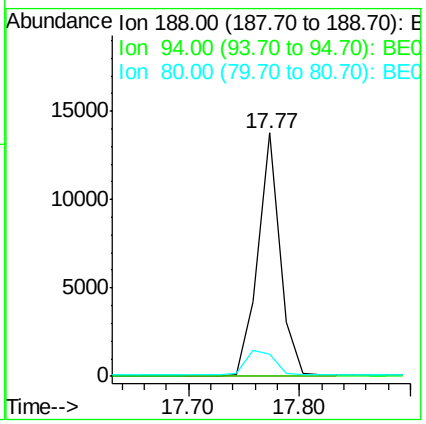


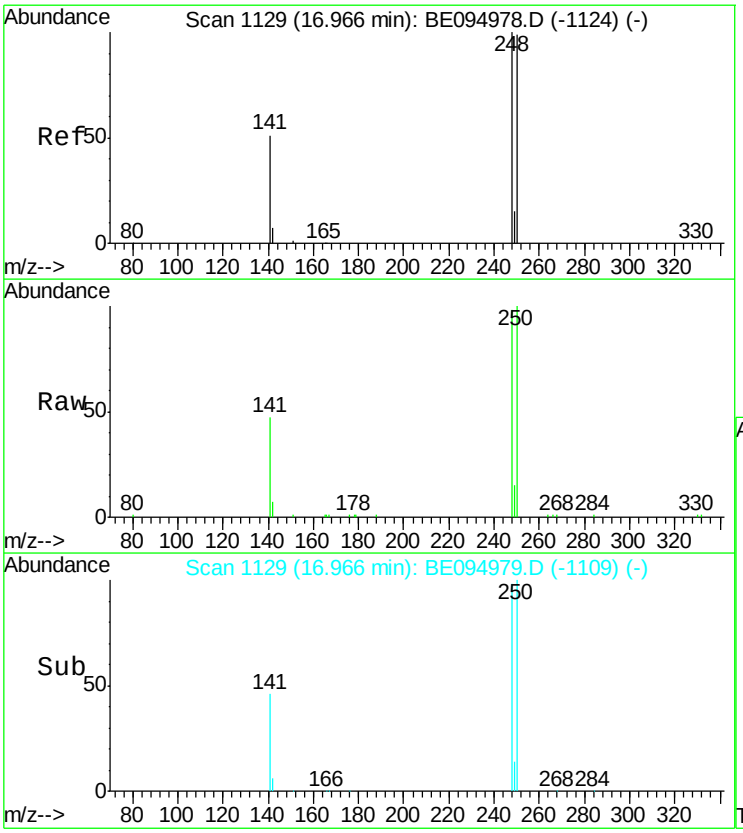
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 19094

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.3	3.6	5.4#

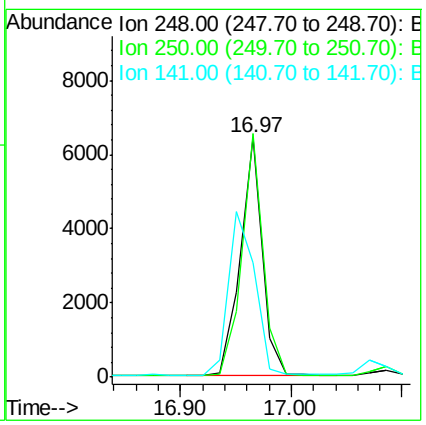


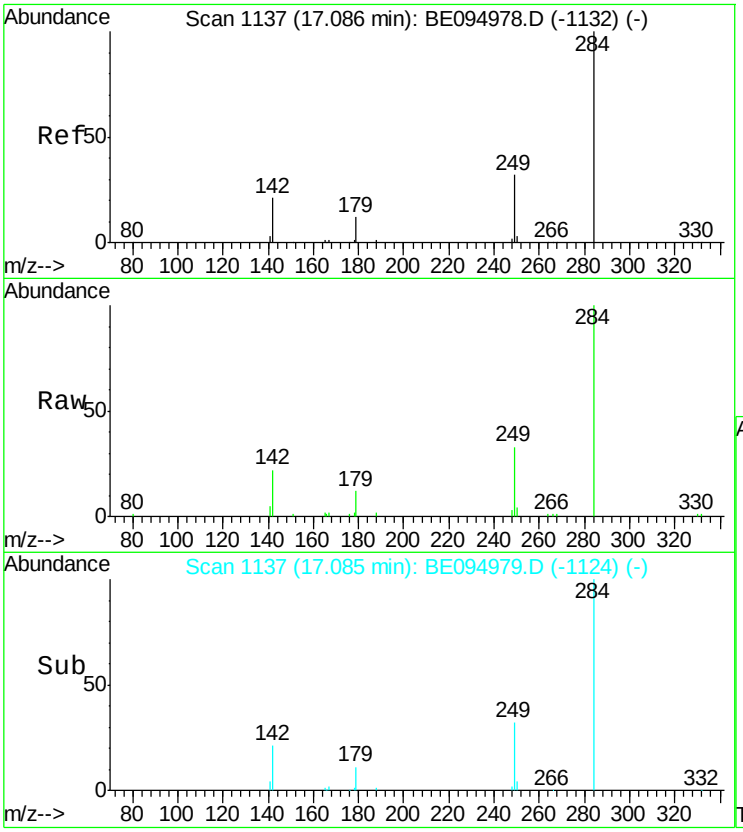


#20
4-Bromophenyl-phenylether
Concen: 0.823 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:248 Resp: 8769

Ion	Ratio	Lower	Upper
248	100		
250	101.7	62.7	94.1#
141	47.8	48.2	72.2#



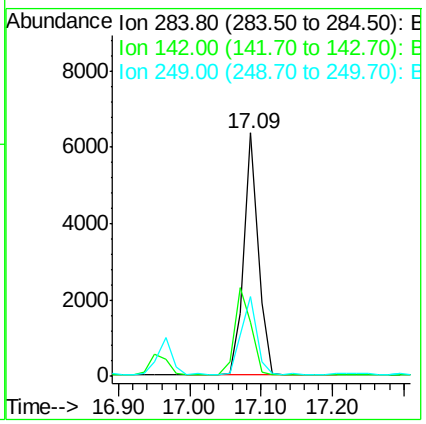


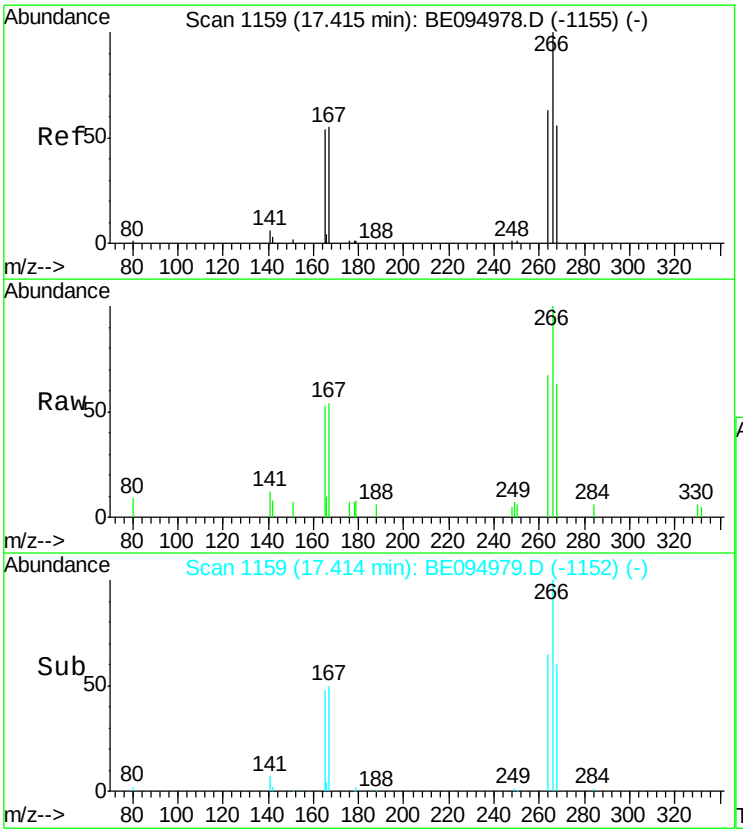
#21
Hexachlorobenzene
Concen: 0.857 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 8903

Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.1	33.1#
249	34.5	34.8	52.2#

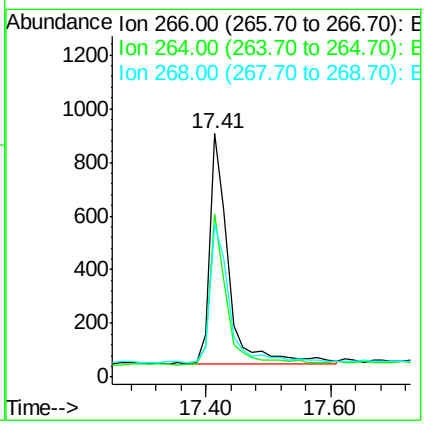


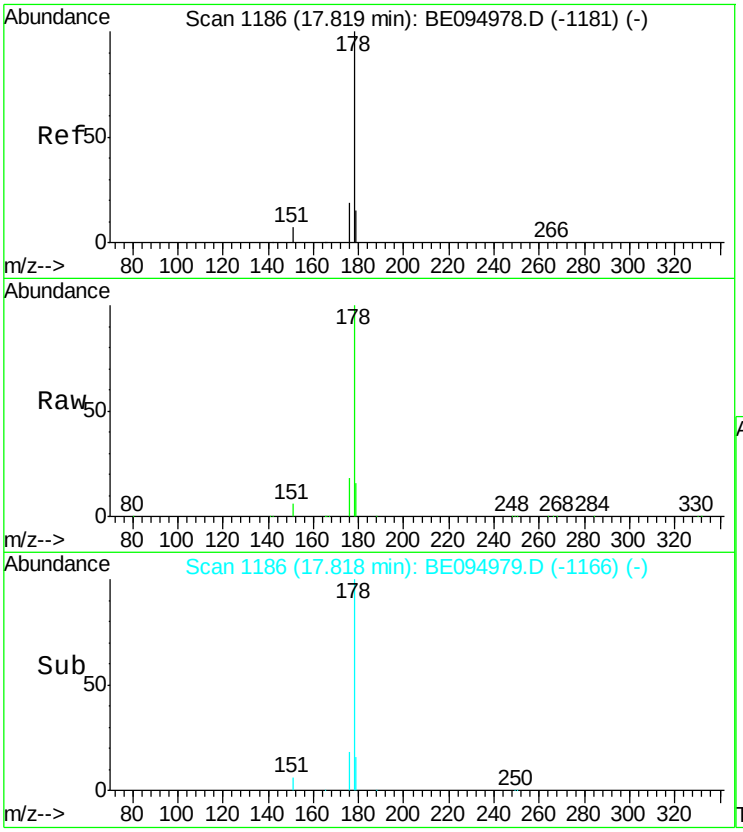


#22
Pentachlorophenol
Concen: 0.713 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:266 Resp: 1830

Ion	Ratio	Lower	Upper
266	100		
264	66.8	72.5	108.7#
268	62.5	73.8	110.6#



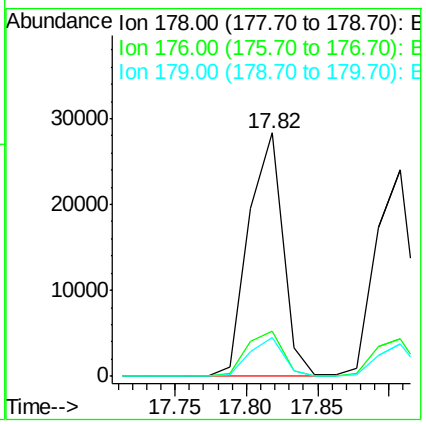


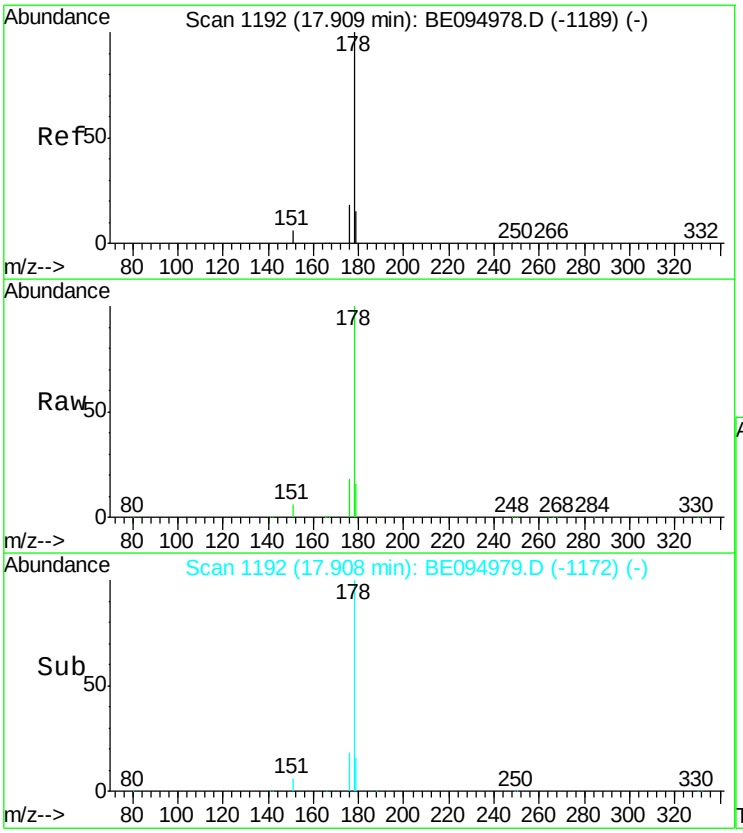
#23
Phenanthrene
Concen: 0.772 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 46987

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	11.8	17.6

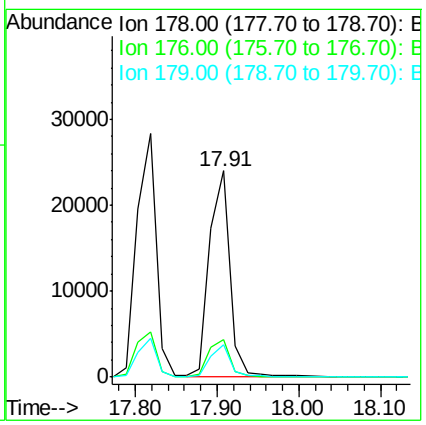


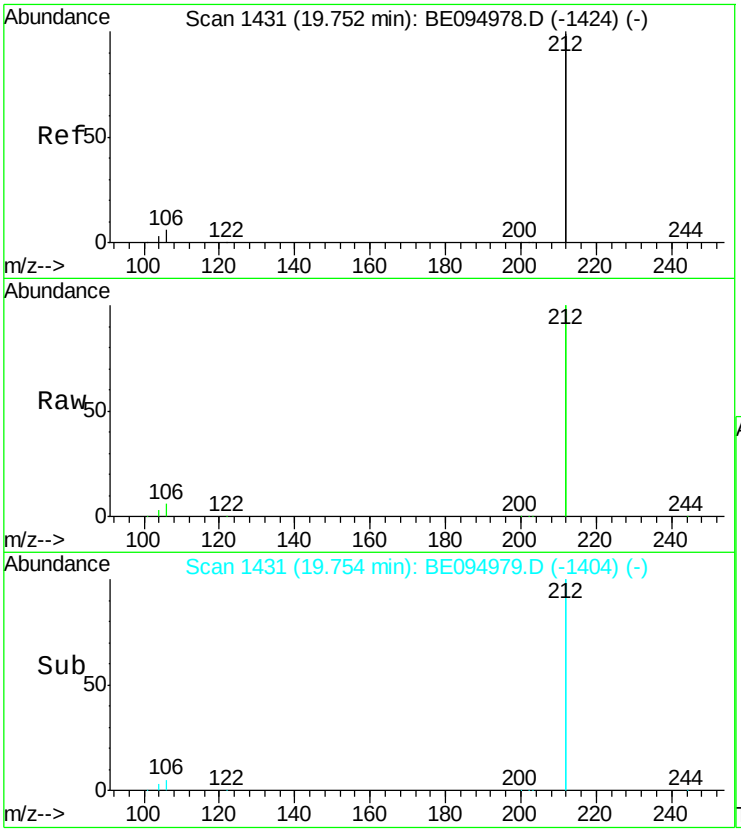


#24
Anthracene
Concen: 0.732 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:178 Resp: 47219

Ion	Ratio	Lower	Upper
178	100		
176	19.8	12.8	19.2#
179	16.3	13.0	19.6



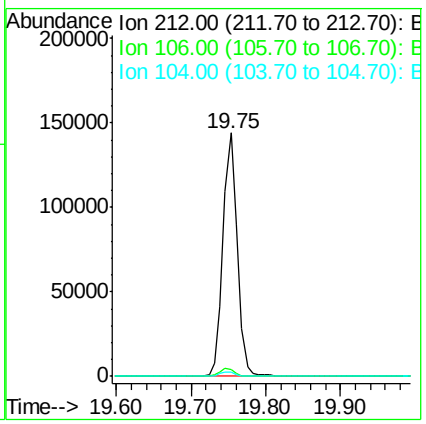


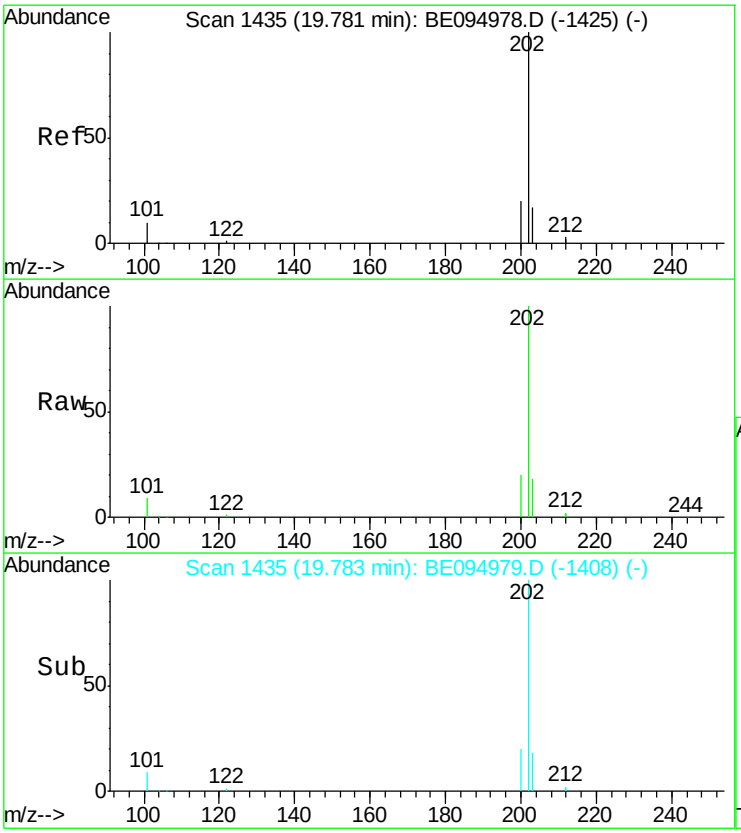
#25
Fluoranthene-d10
Concen: 0.734 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 191629

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

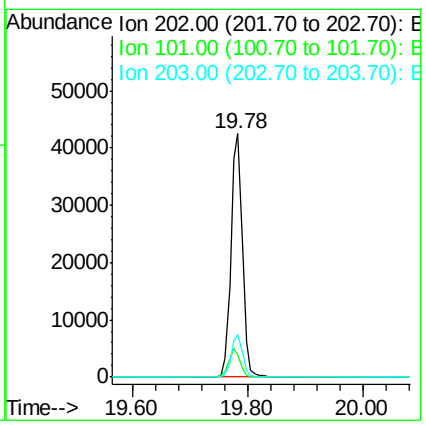


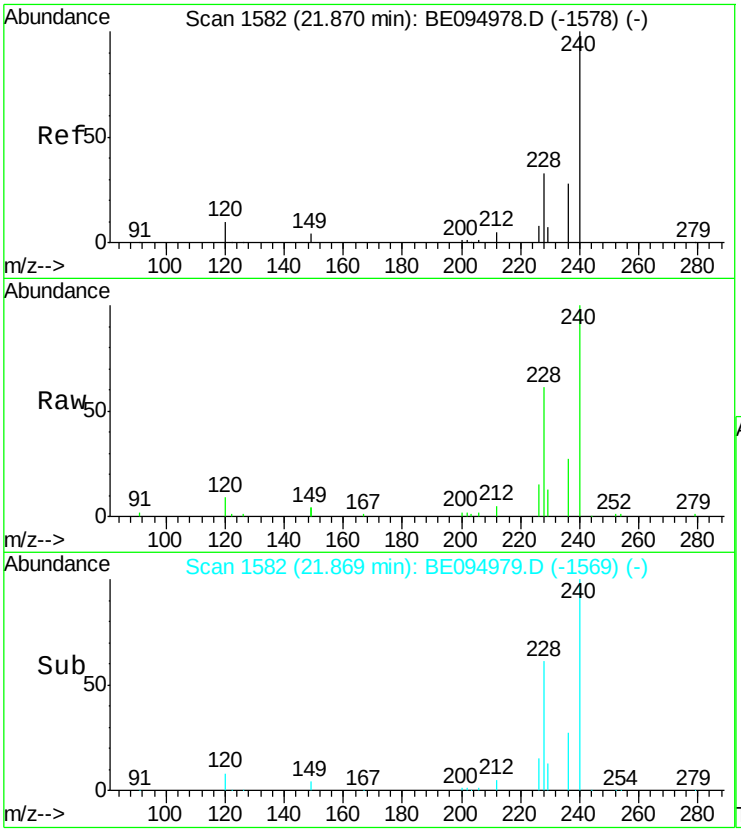


#26
Fluoranthene
Concen: 0.742 ng
RT: 19.78 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:202 Resp: 58032

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	16.9	13.7	20.5



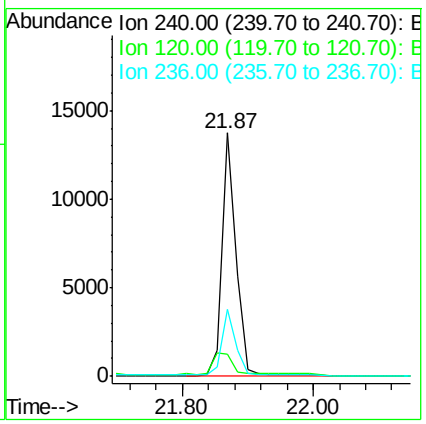


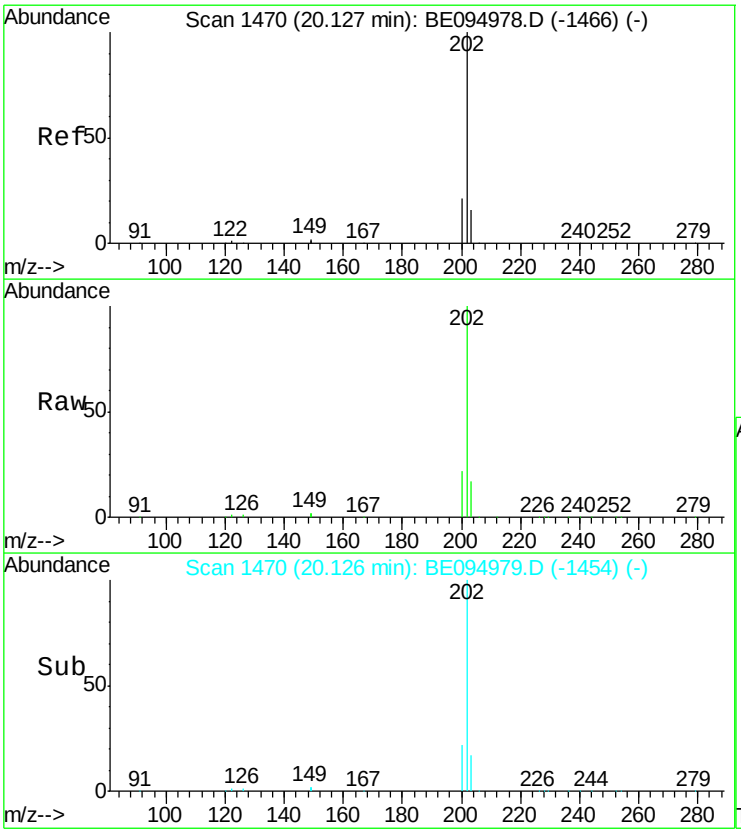
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 21586

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.5	8.3#
236	27.3	20.7	31.1

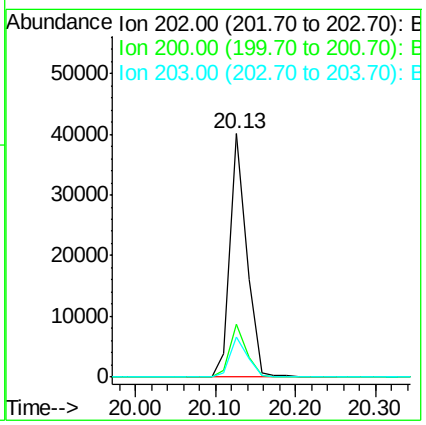


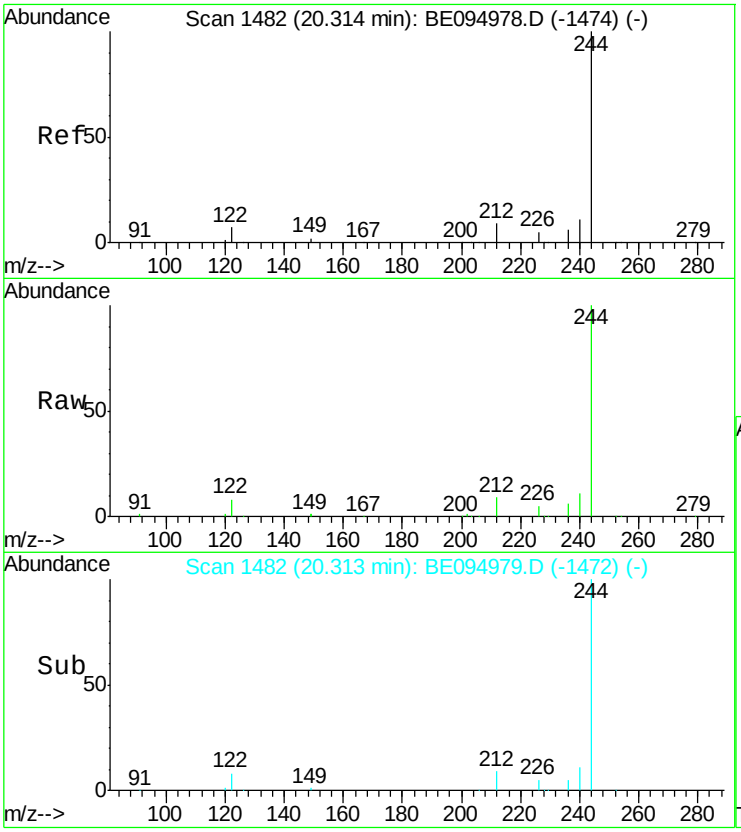


#28
Pyrene
Concen: 0.767 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:202 Resp: 57139

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	19.4	13.8	20.8



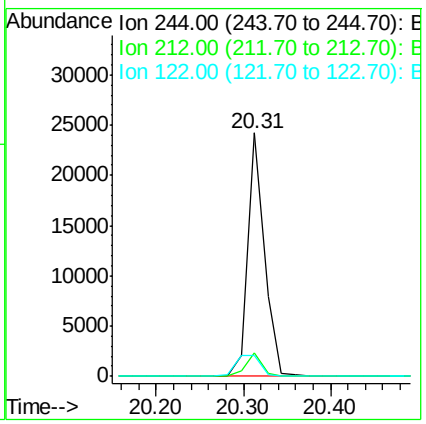


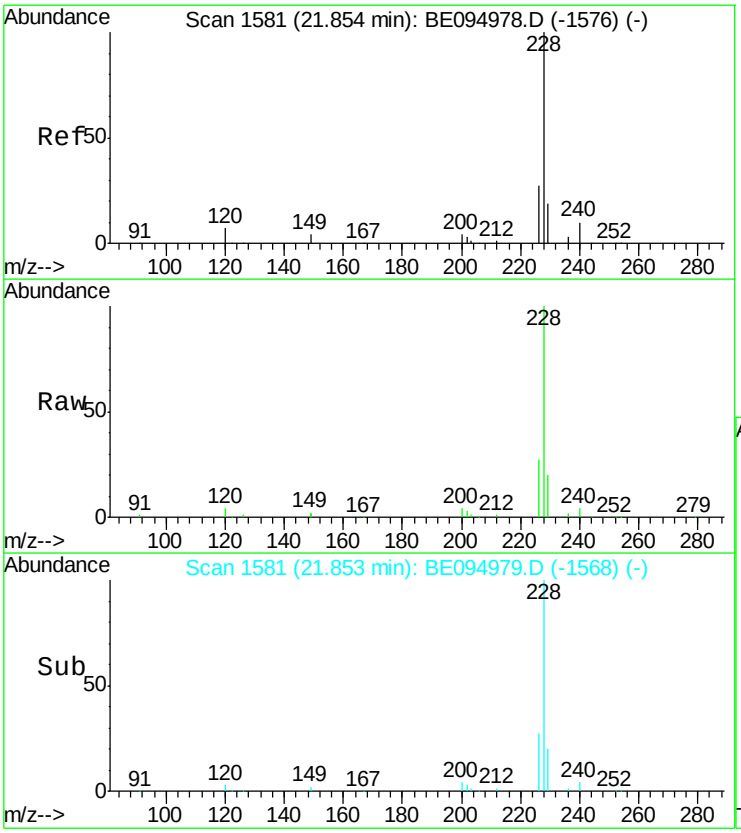
#29
Terphenyl-d14
Concen: 0.809 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 32233

Ion	Ratio	Lower	Upper
244	100		
212	9.4	25.4	38.0#
122	8.4	8.1	12.1

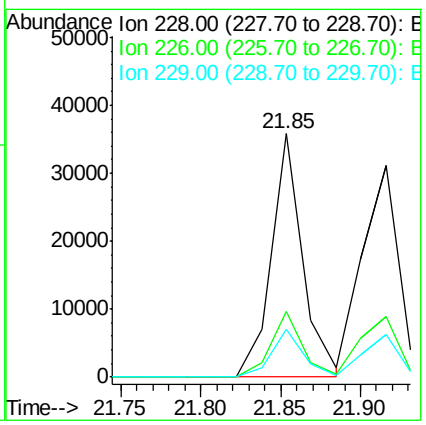


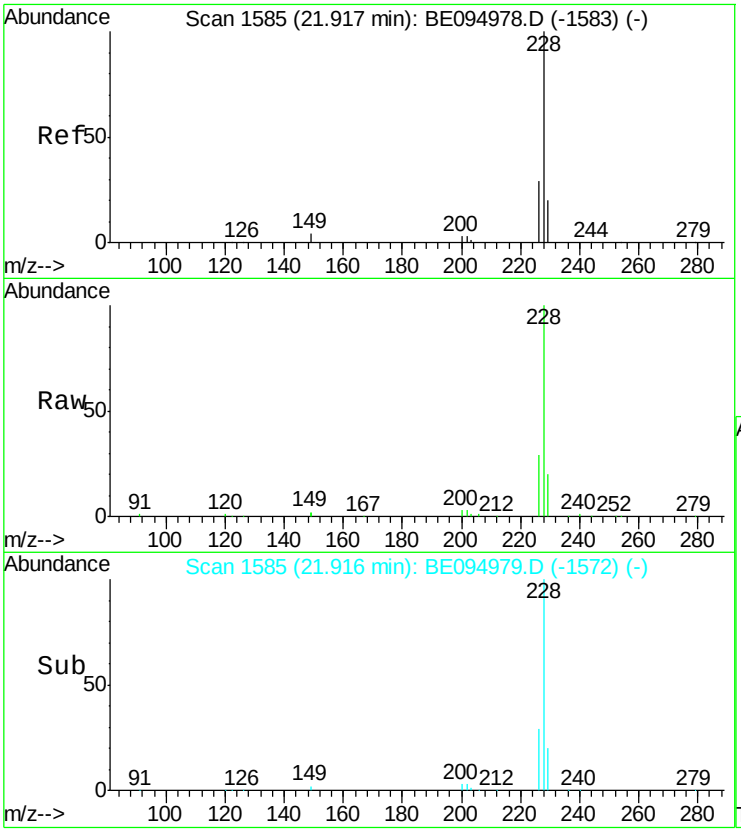


#30
Benzo(a)anthracene
Concen: 0.740 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:228 Resp: 48983

Ion	Ratio	Lower	Upper
228	100		
226	27.2	40.0	60.0#
229	19.6	40.0	60.0#



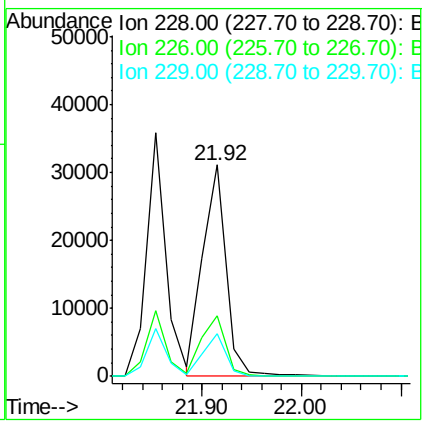


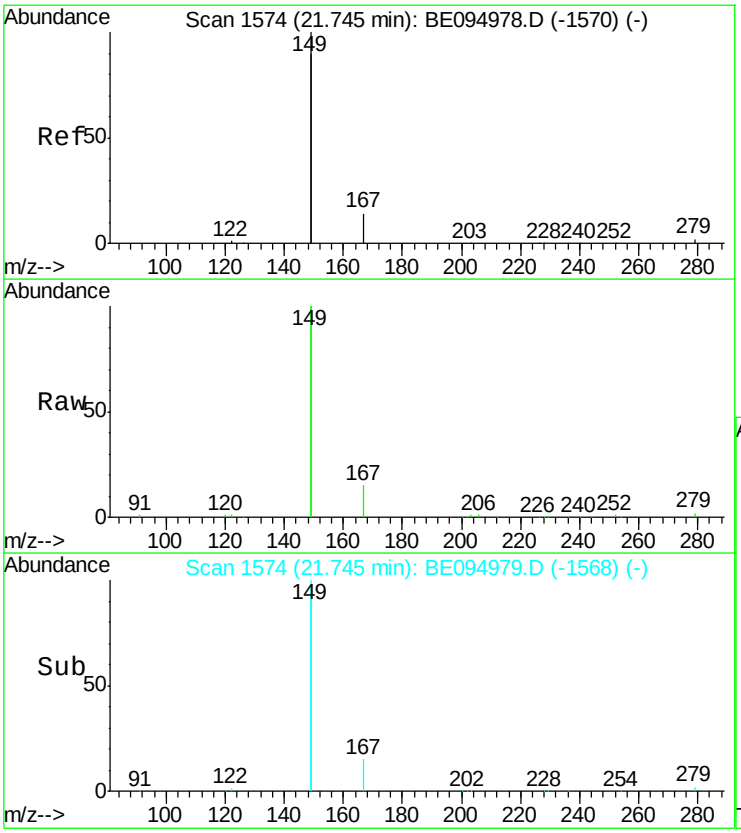
#31
Chrysene
Concen: 0.738 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 54009

Ion	Ratio	Lower	Upper
228	100		
226	28.7	40.0	60.0#
229	20.2	40.0	60.0#

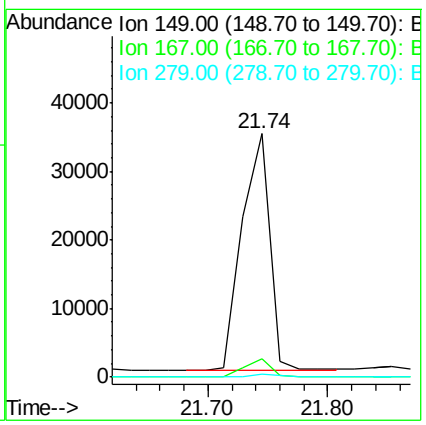


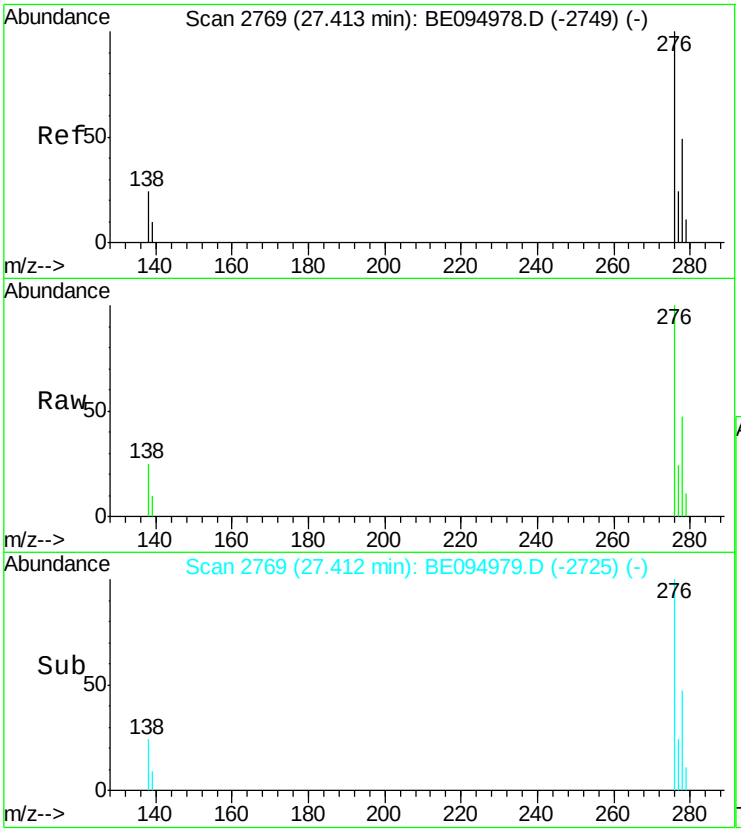


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.501 ng
RT: 21.74 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:149 Resp: 54994

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



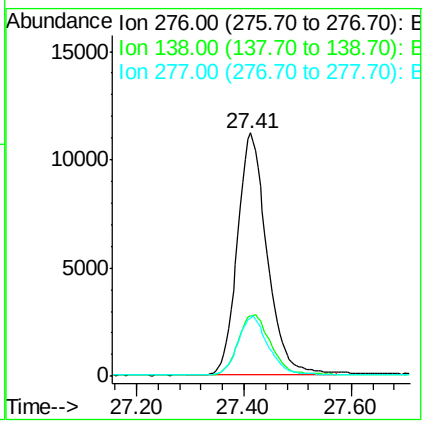


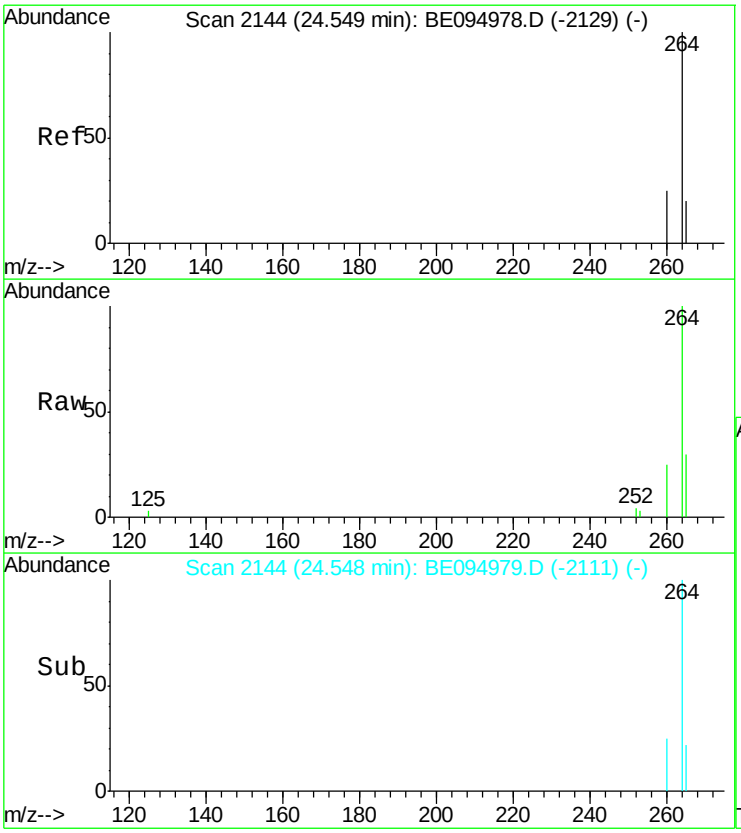
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.722 ng
RT: 27.41 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 43231

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.5	33.7
277	24.8	19.9	29.9

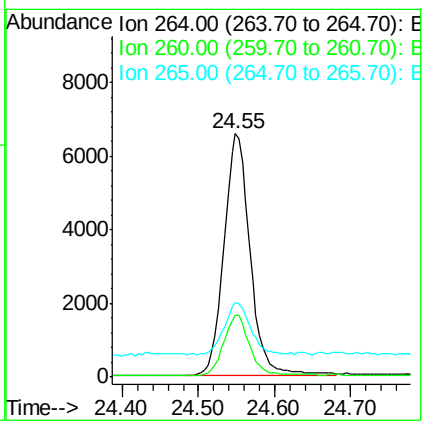


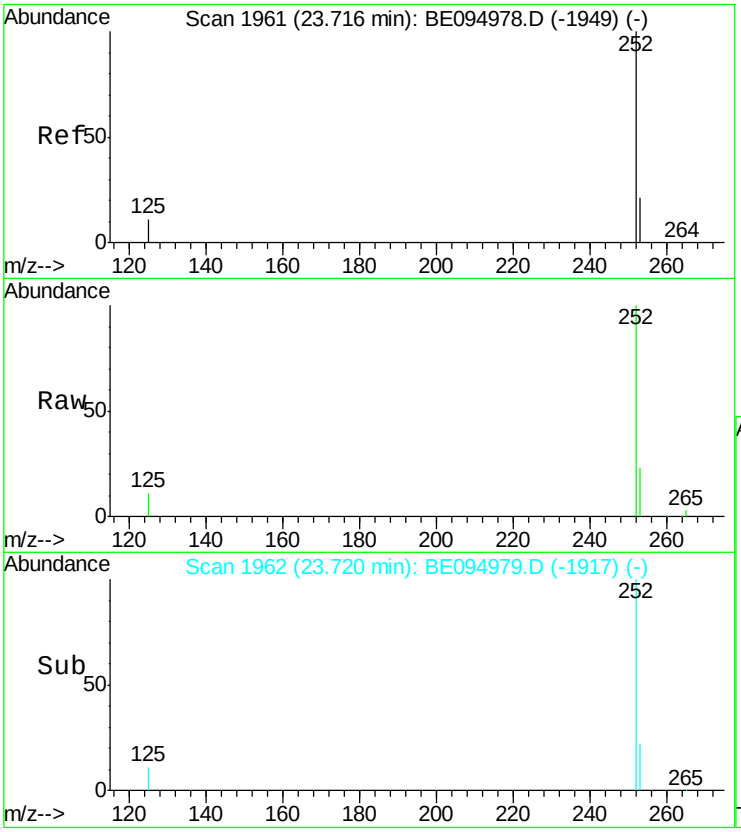


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:264 Resp: 15559

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	30.5	22.8	34.2



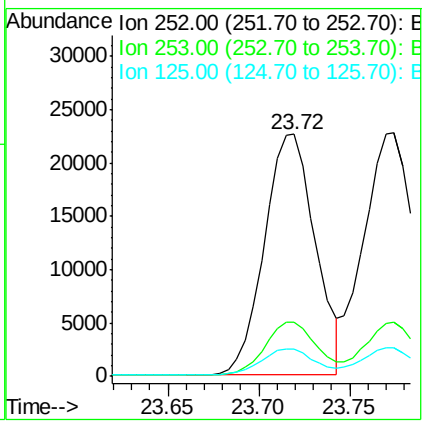


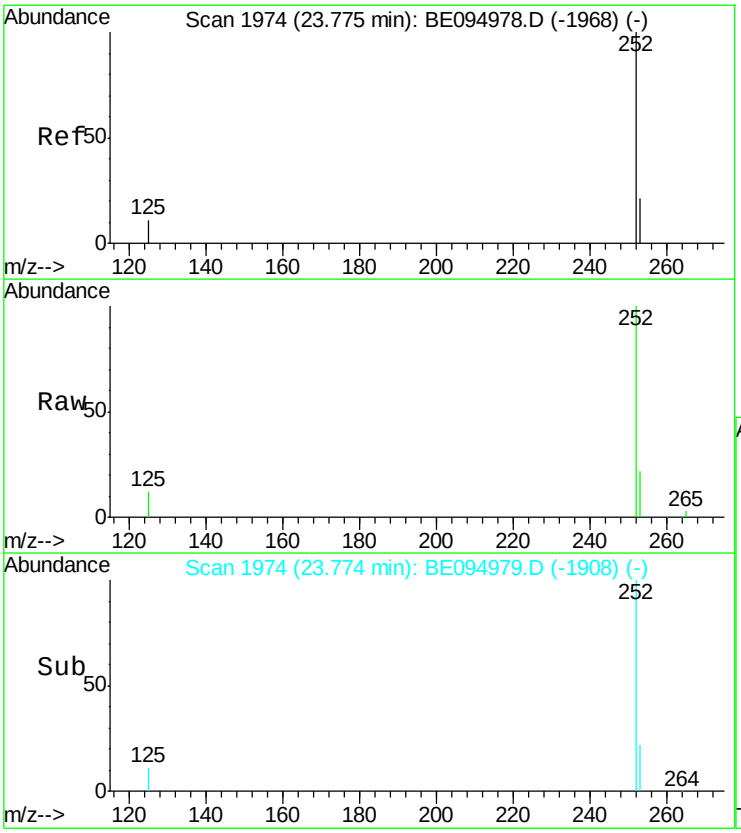
#35
Benzo(b)fluoranthene
Concen: 0.775 ng
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 44044

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	11.3	16.0	24.0#

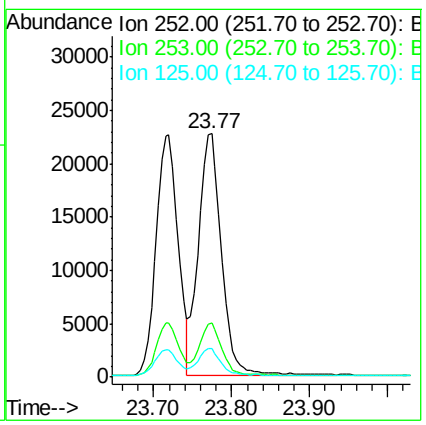


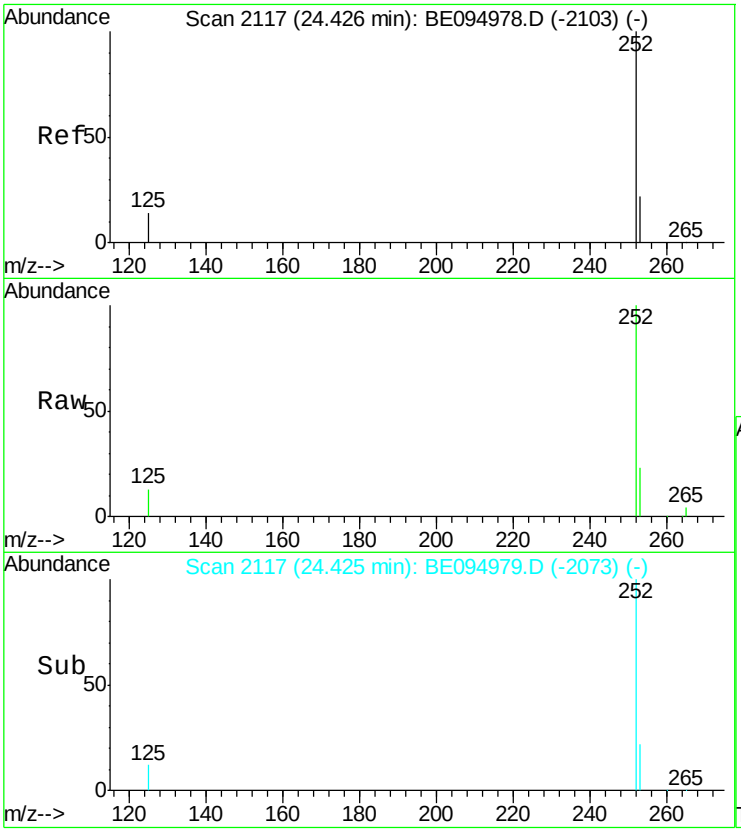


#36
Benzo(k)fluoranthene
Concen: 0.804 ng
RT: 23.77 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:252 Resp: 46558

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	11.6	8.0	12.0



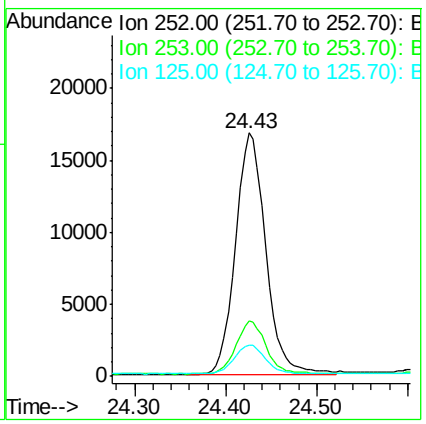


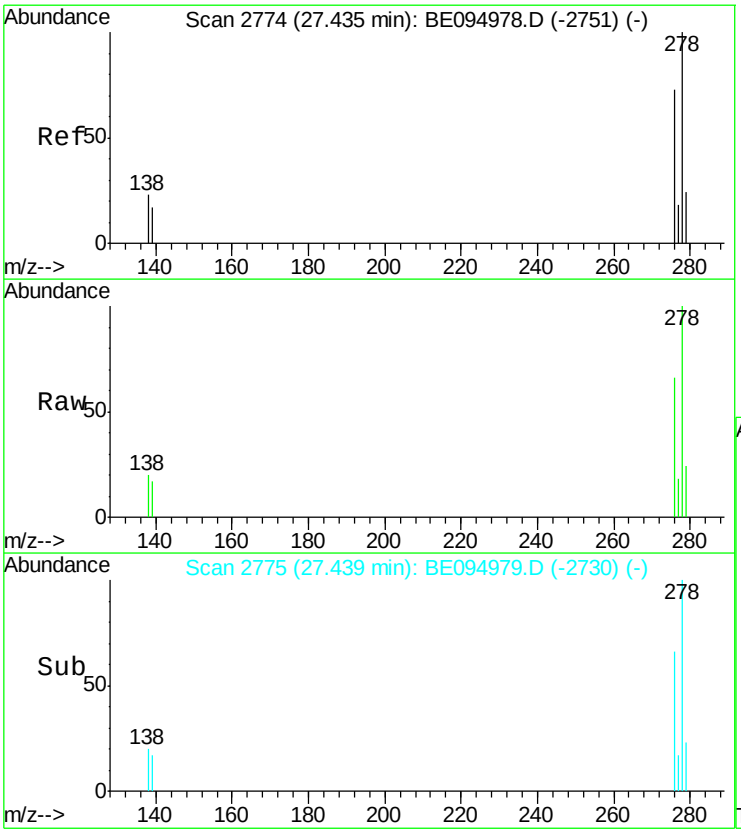
#37
Benzo(a)pyrene
Concen: 0.779 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 38819

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	12.8	12.0	18.0

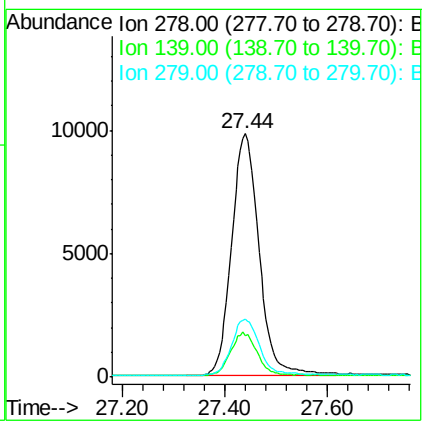


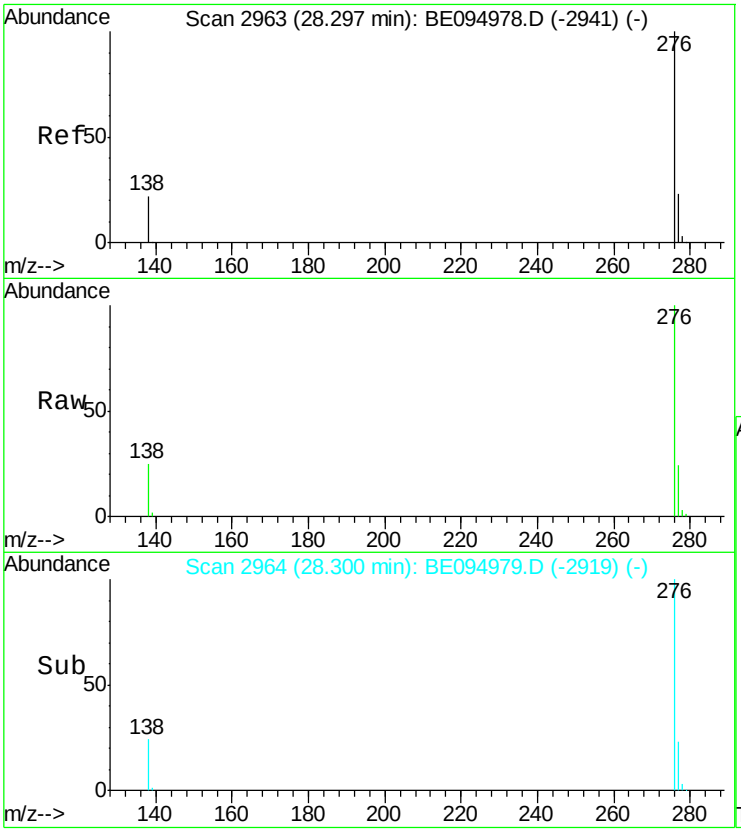


#38
Dibenzo(a,h)anthracene
Concen: 0.802 ng
RT: 27.44 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Tgt Ion:278 Resp: 36897

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.0	24.0
279	23.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.802 ng
RT: 28.30 min Scan# 2964
Delta R.T. 0.00 min
Lab File: BE094979.D
Acq: 14 Dec 2017 16:41

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 36828

Ion	Ratio	Lower	Upper
276	100		
277	23.6	16.0	24.0
138	24.6	20.0	30.0