Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012318\
Data File : BE095095.D
Acq On : 23 Jan 2018 13:42
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Jan 23 14:46:00 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 13:15:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6300	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	14685	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	8627	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	19639	0.40	ng		0.00
27) Chrysene-d12	21.84	240	19640	0.40	ng		0.00
34) Perylene-d12	24.49	264	15642	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	16431	1.68	ng		0.00
5) Phenol-d6	7.58	99	25557	1.76	ng		0.00
8) Nitrobenzene-d5	9.63	82	23019	1.91	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	41373	1.72	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	4533	2.26	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	63371	1.66	ng		0.00
25) Fluoranthene-d10	19.72	212	415221	1.63	ng		0.00
29) Terphenyl-d14	20.28	244	68191	1.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	9196	1.481	ng	#	88
3) n-Nitrosodimethylamine	4.01	42	12580	1.714	ng	#	95
6) bis(2-Chloroethyl)ether	7.85	93	23267	1.640	ng		92
9) Naphthalene	11.34	128	282513	1.638	ng		99
10) Hexachlorobutadiene	11.61	225	12501	1.595	ng		98
12) 2-Methylnaphthalene	12.91	142	49659	1.154	ng		98
16) Acenaphthylene	14.76	152	81925	1.777	ng		100
17) Acenaphthene	15.09	154	51021	1.668	ng		96
18) Fluorene	16.07	166	64579	1.699	ng	#	79
20) 4-Bromophenyl-phenylether	16.94	248	19495	1.696	ng	#	71
21) Hexachlorobenzene	17.06	284	19266	1.639	ng	#	83
22) Pentachlorophenol	17.39	266	5094	2.266	ng	#	71
23) Phenanthrene	17.77	178	101752	1.663	ng		99
24) Anthracene	17.86	178	94768	1.509	ng		96
26) Fluoranthene	19.75	202	125204	1.658	ng		98
28) Pyrene	20.10	202	134097	2.015	ng		96
30) Benzo(a)anthracene	21.82	228	103828	1.809	ng		95
31) Chrysene	21.87	228	105090	1.627	ng		97
32) Bis(2-ethylhexyl)phthalate	21.70	149	151754	2.075	ng		99
33) Indeno(1,2,3-cd)pyrene	27.32	276	95119	1.809	ng		97
35) Benzo(b)fluoranthene	23.66	252	95003	1.654	ng	#	87
36) Benzo(k)fluoranthene	23.72	252	101262	1.740	ng		97
37) Benzo(a)pyrene	24.37	252	87618	1.719	ng	#	94
38) Dibenzo(a,h)anthracene	27.34	278	77537	1.641	ng		96
39) Benzo(g,h,i)perylene	28.19	276	80154	1.703	ng		94

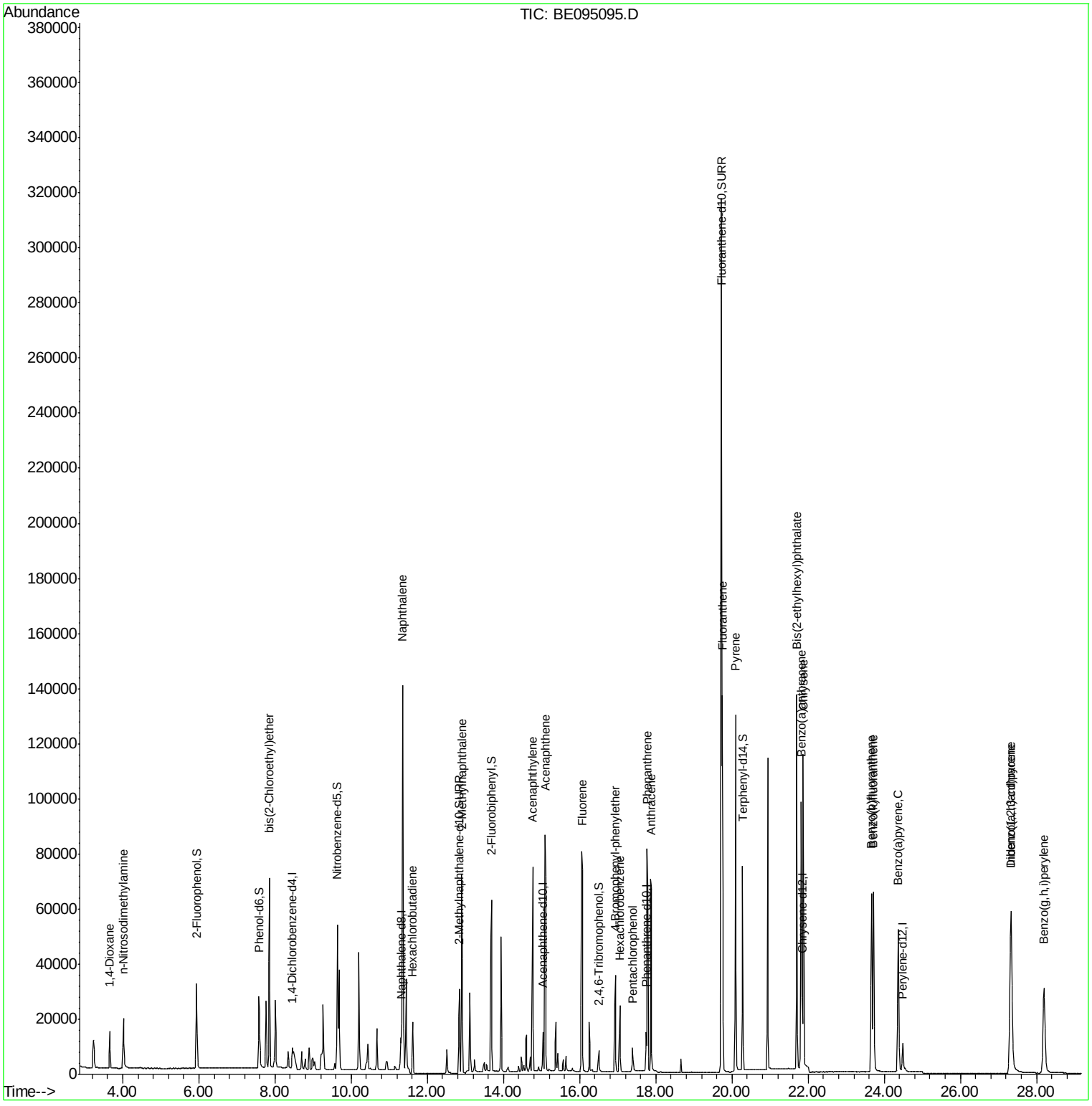
(#) = qualifier out of range (m) = manual integration (+) = signals summed

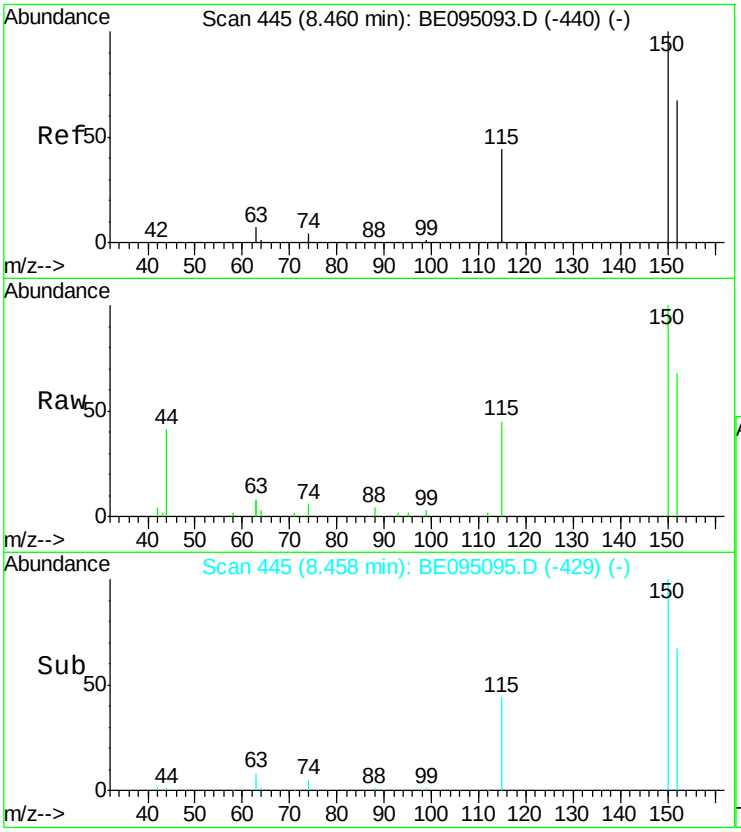
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012318\
Data File : BE095095.D
Acq On : 23 Jan 2018 13:42
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 23 14:46:00 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 13:15:11 2018
Response via : Initial Calibration



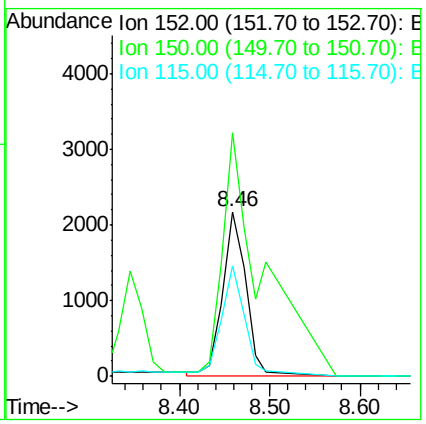


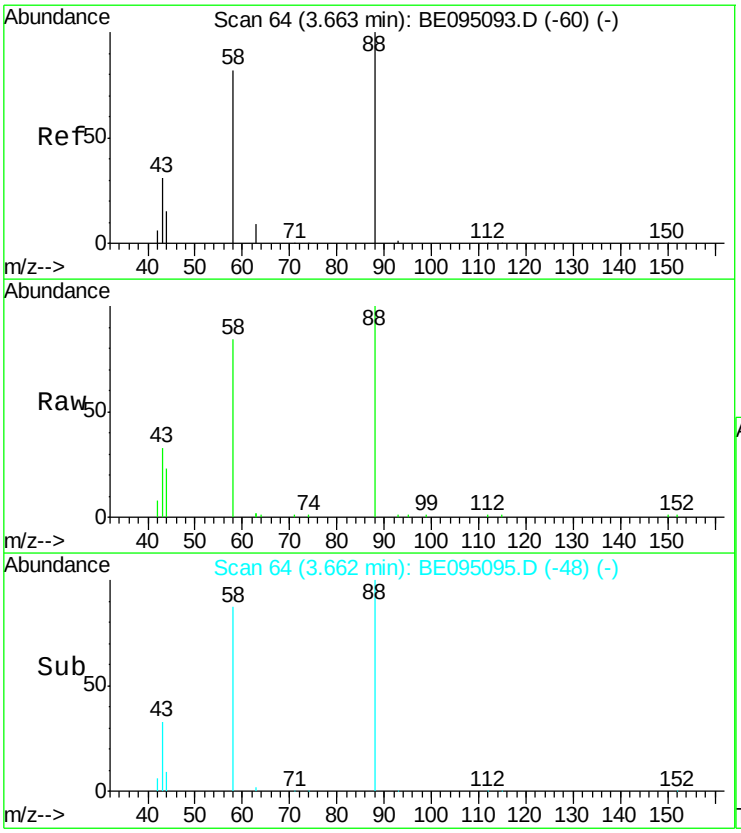
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 6300

Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.2	175.8
115	67.2	57.0	85.6

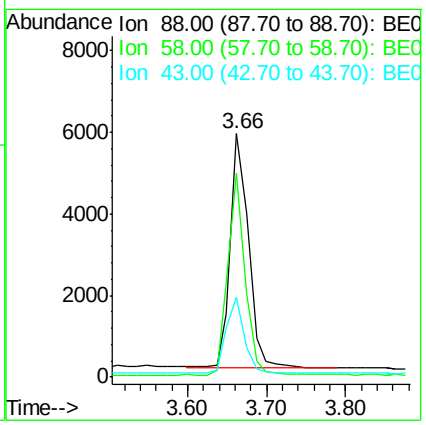


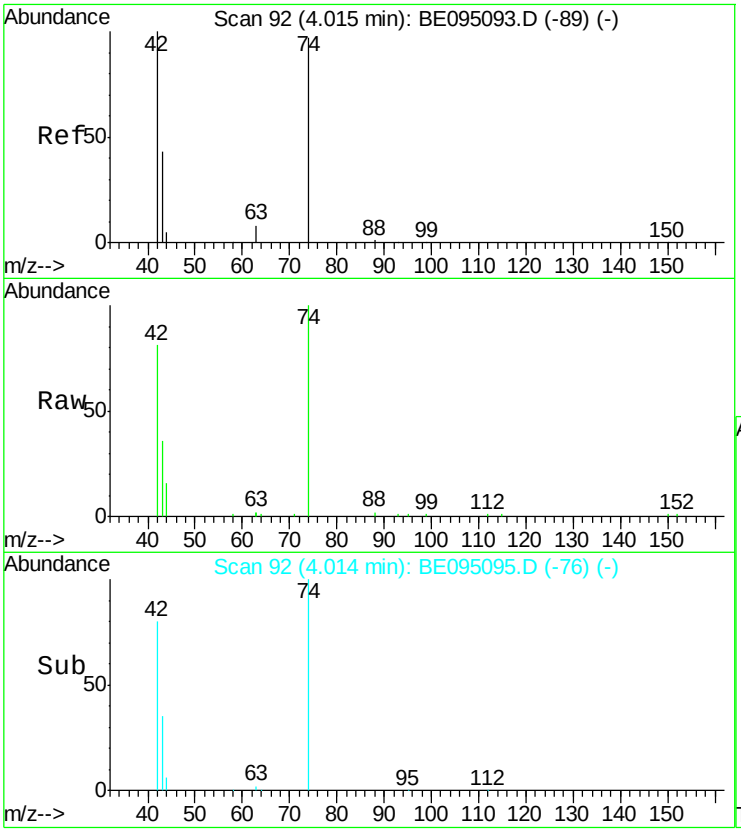


#2
1,4-Dioxane
Concen: 1.481 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion: 88 Resp: 9196

Ion	Ratio	Lower	Upper
88	100		
58	81.3	63.2	94.8
43	32.6	41.2	61.8#



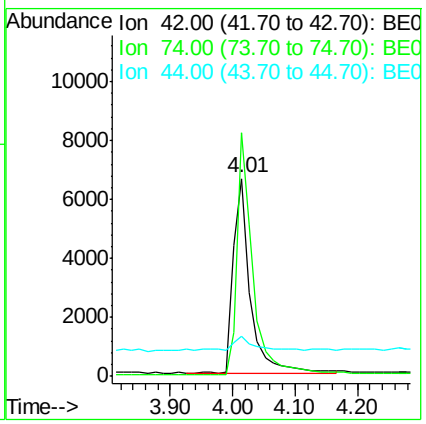


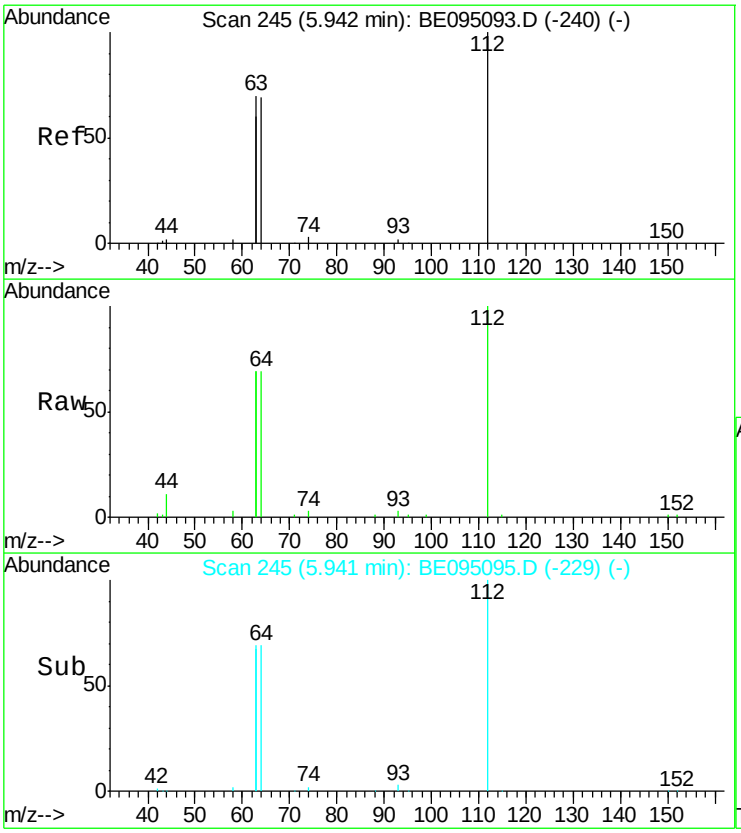
#3
n-Nitrosodimethylamine
Concen: 1.714 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 12580

Ion	Ratio	Lower	Upper
42	100		
74	115.0	96.0	144.0
44	9.8	12.0	18.0#

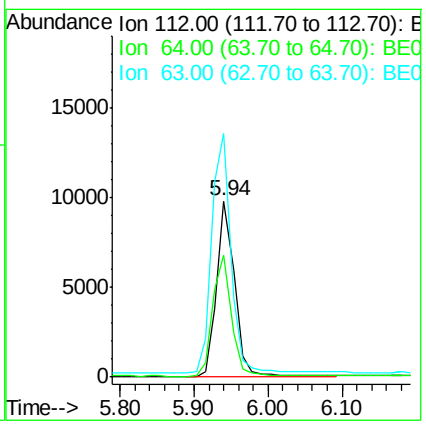


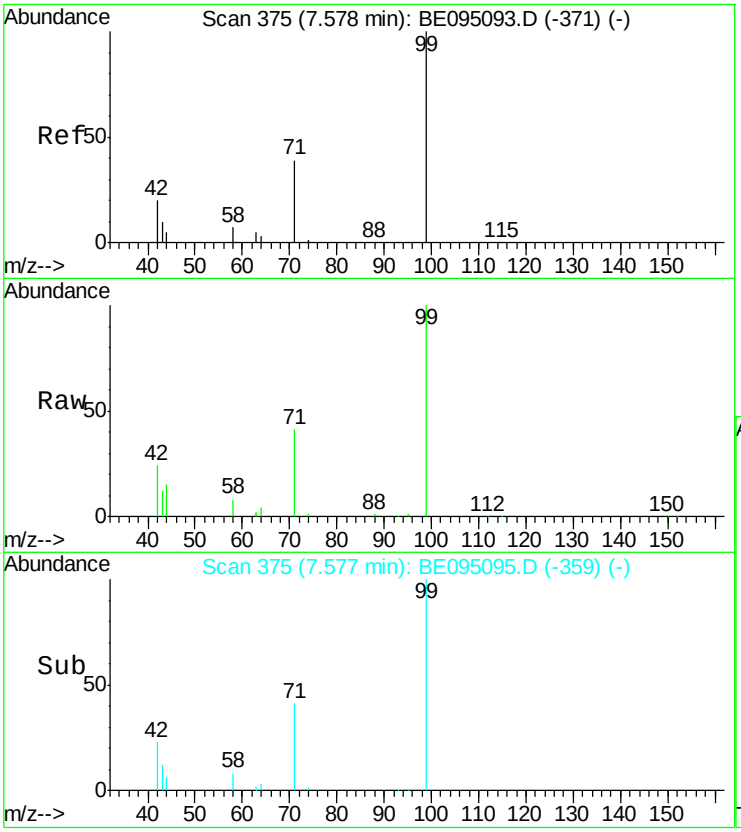


#4
2-Fluorophenol
Concen: 1.679 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:112 Resp: 16431

Ion	Ratio	Lower	Upper
112	100		
64	72.1	60.1	90.1
63	147.4	116.8	175.2



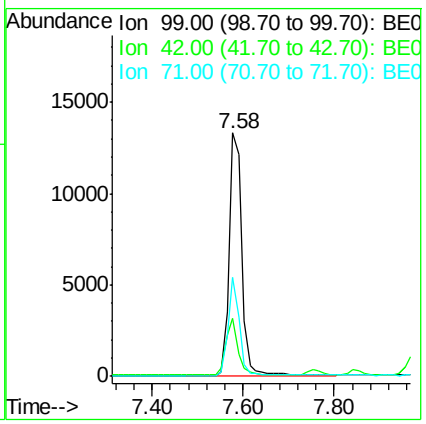


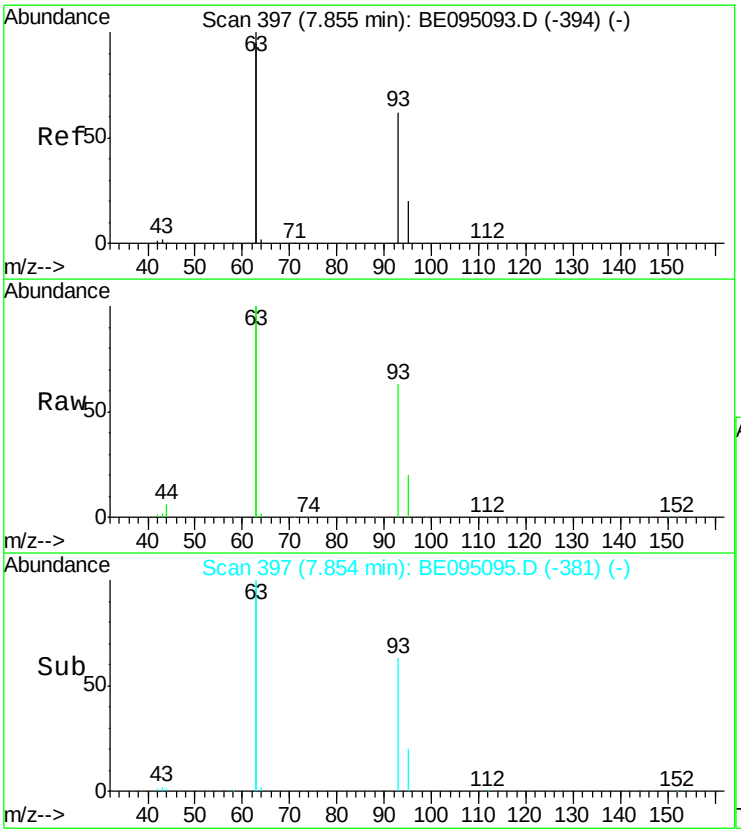
#5
Phenol-d6
Concen: 1.758 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 25557

Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.2	30.2
71	36.1	28.4	42.6

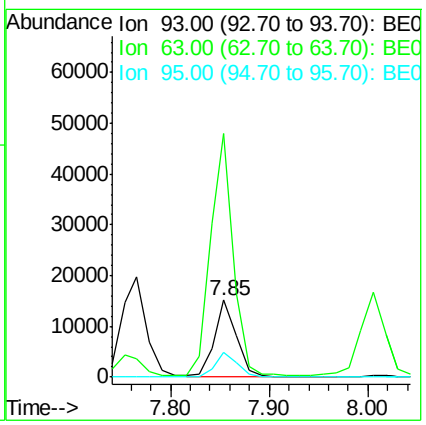


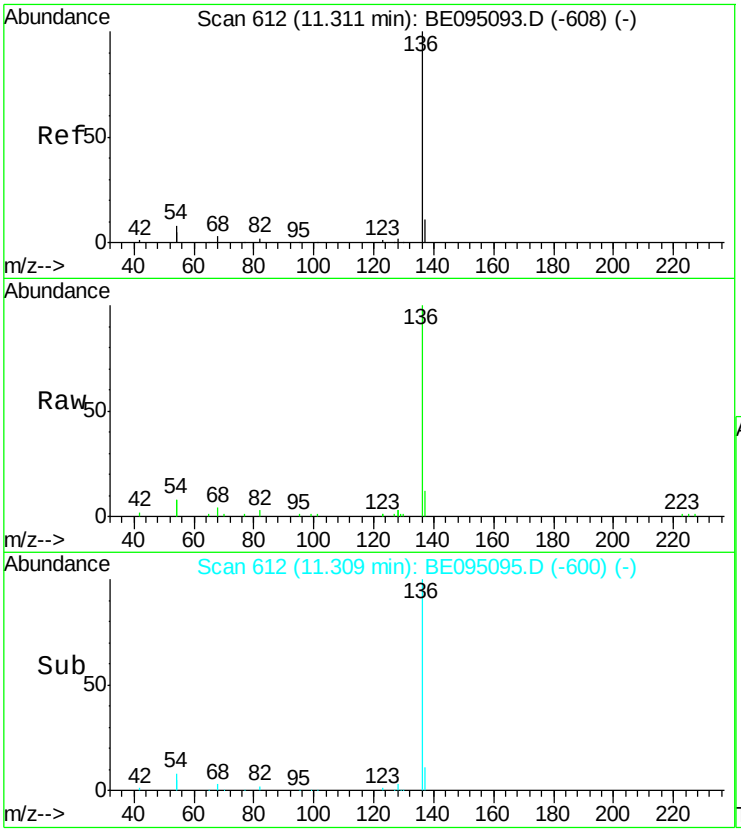


#6
bis(2-Chloroethyl)ether
Concen: 1.640 ng
RT: 7.85 min Scan# 397
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion: 93 Resp: 23267

Ion	Ratio	Lower	Upper
93	100		
63	325.0	275.3	412.9
95	31.9	25.2	37.8



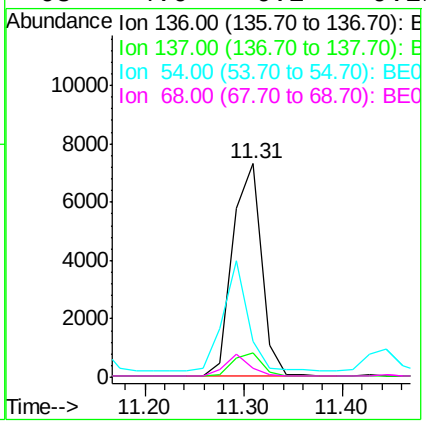


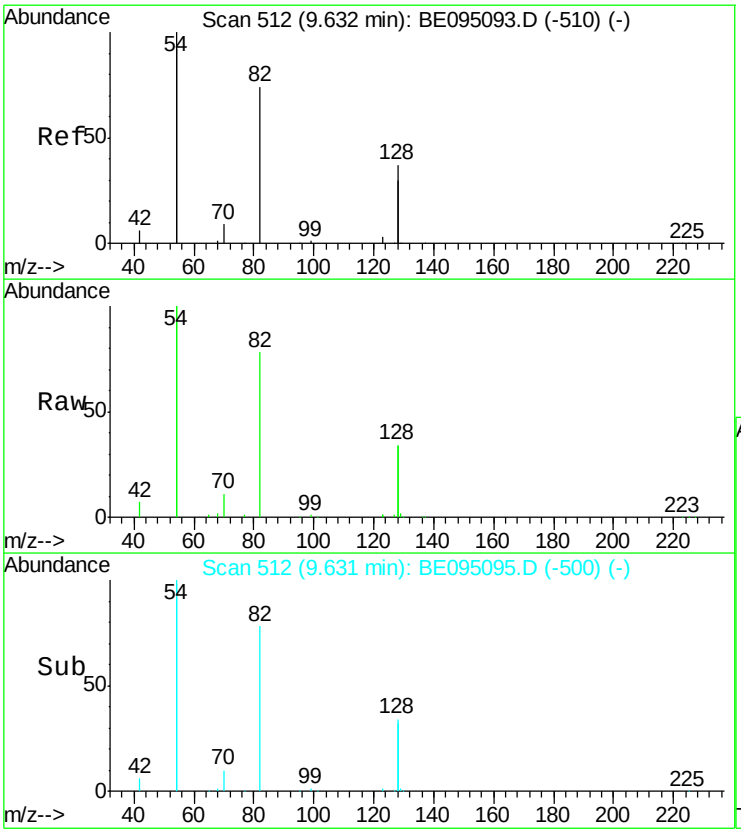
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 14685

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	16.6	29.1	43.7#
68	4.0	6.2	9.2#

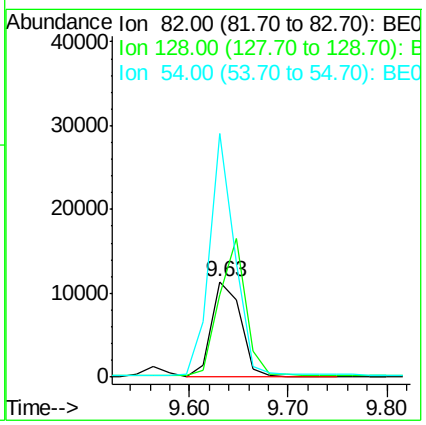


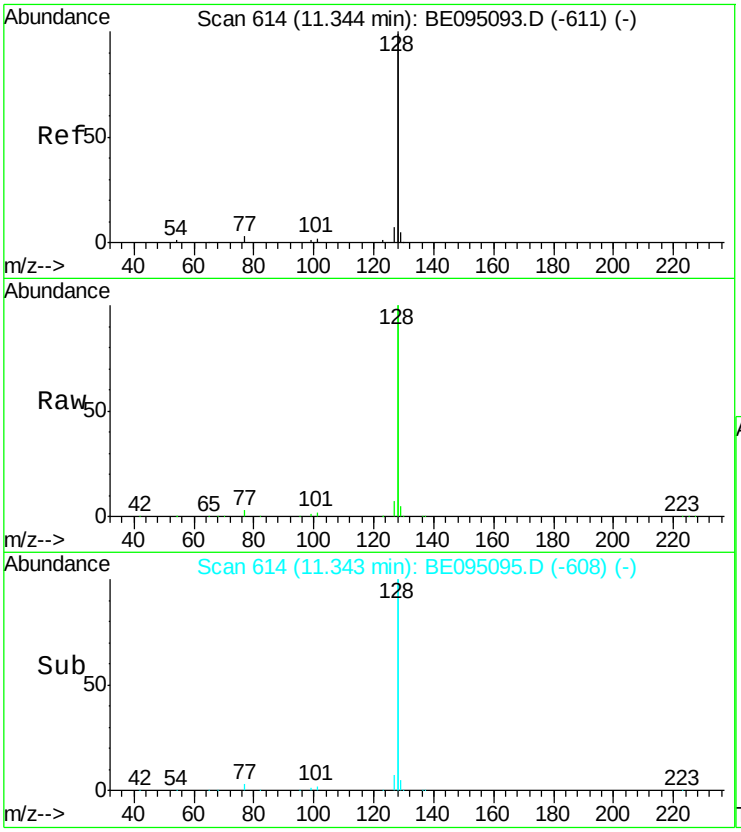


#8
Nitrobenzene-d5
Concen: 1.910 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion: 82 Resp: 23019

Ion	Ratio	Lower	Upper
82	100		
128	86.7	150.0	225.0#
54	254.9	154.2	231.4#



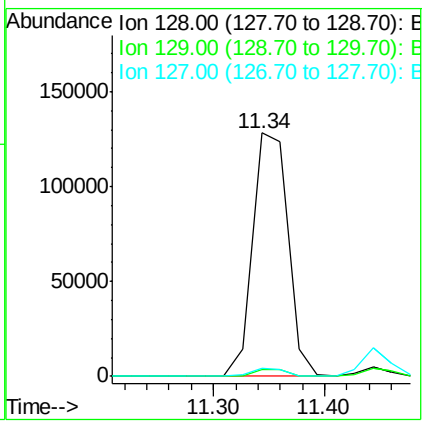


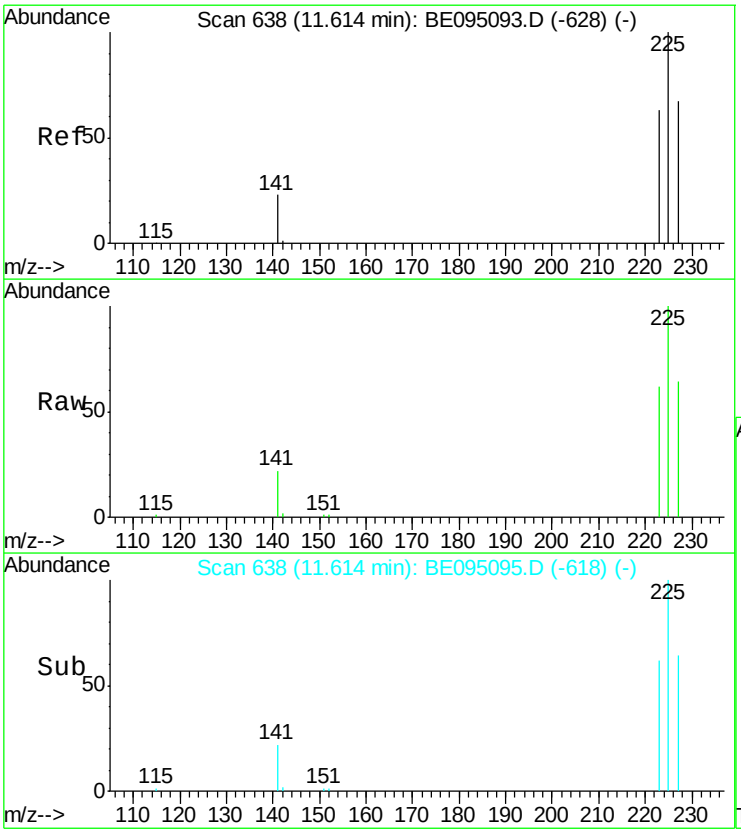
#9
Naphthalene
Concen: 1.638 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 282513

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.5	2.8	4.2

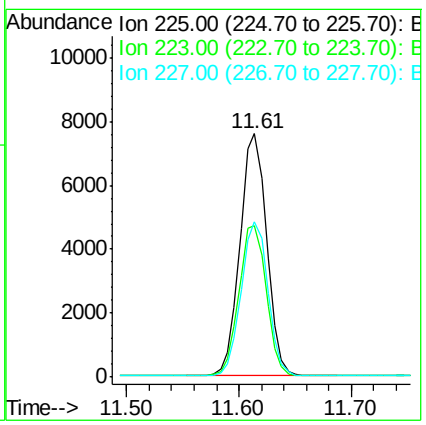


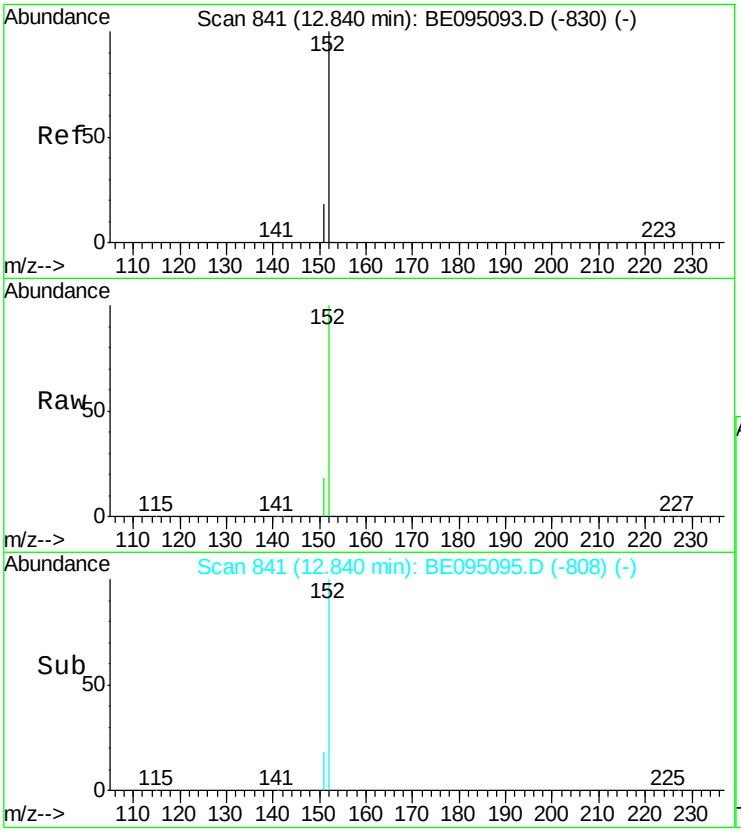


#10
Hexachlorobutadiene
Concen: 1.595 ng
RT: 11.61 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:225 Resp: 12501

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	63.8	51.4	77.2



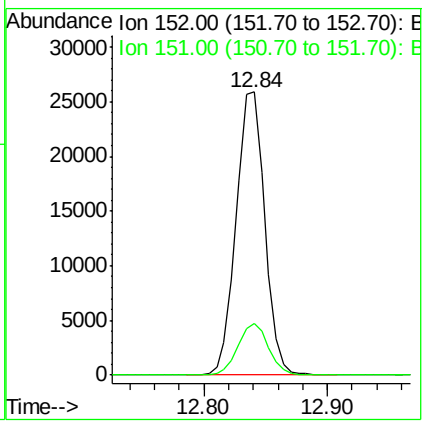


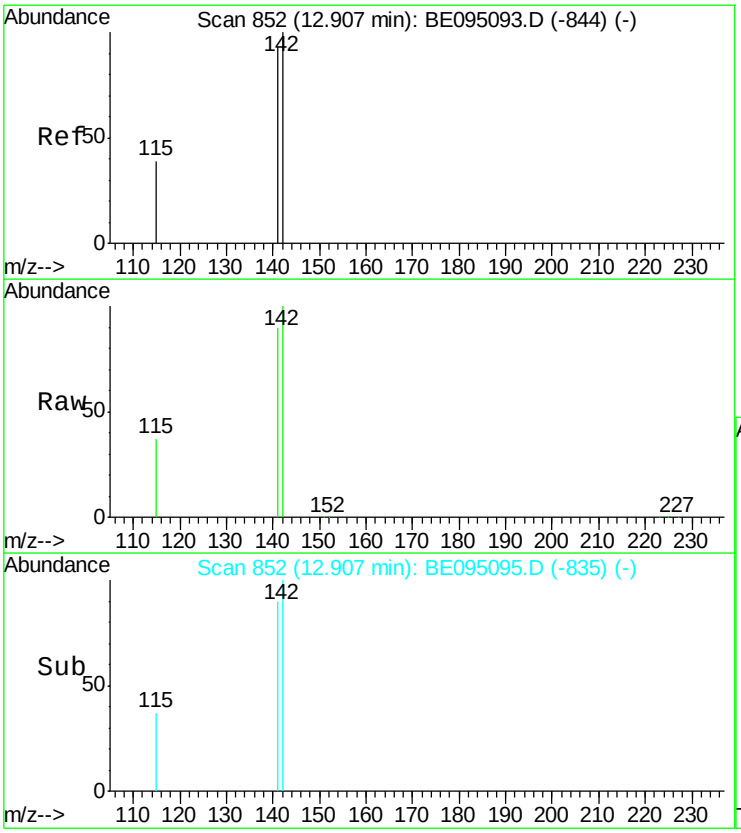
#11
2-Methylnaphthalene-d10
Concen: 1.720 ng
RT: 12.84 min Scan# 841
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 41373

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0

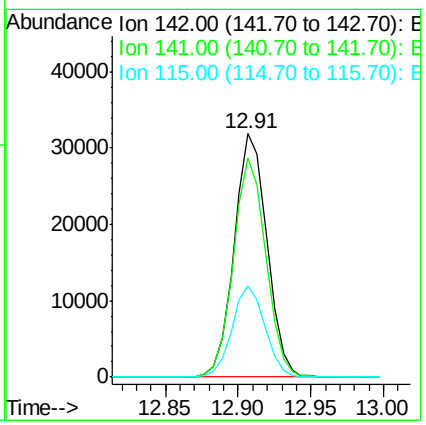


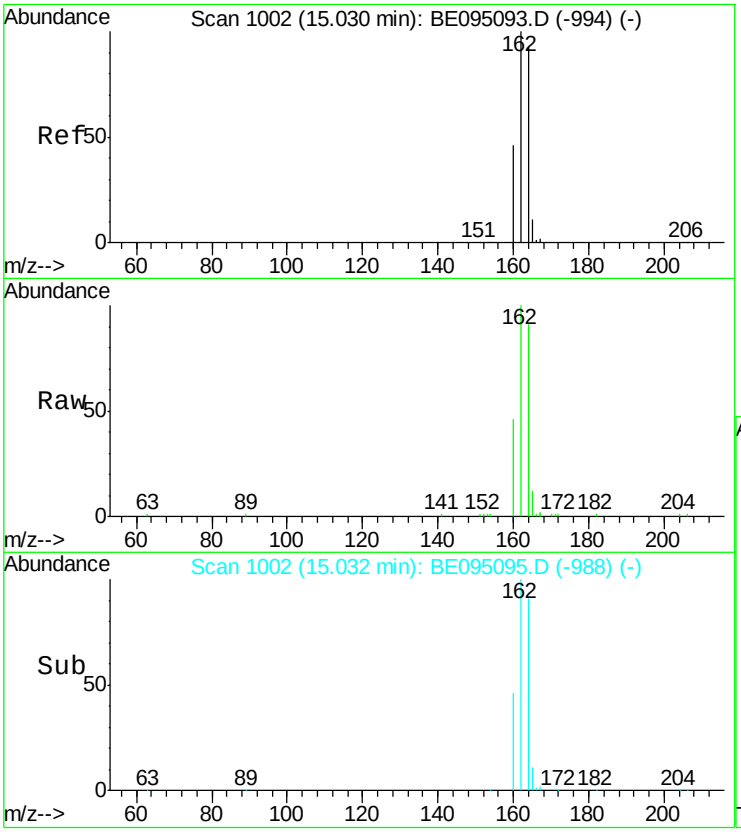


#12
2-Methylnaphthalene
Concen: 1.154 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:142 Resp: 49659

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	37.4	31.7	47.5



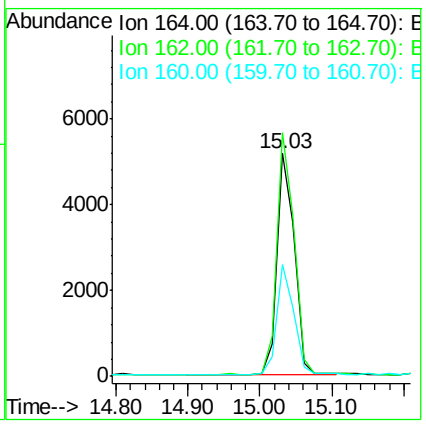


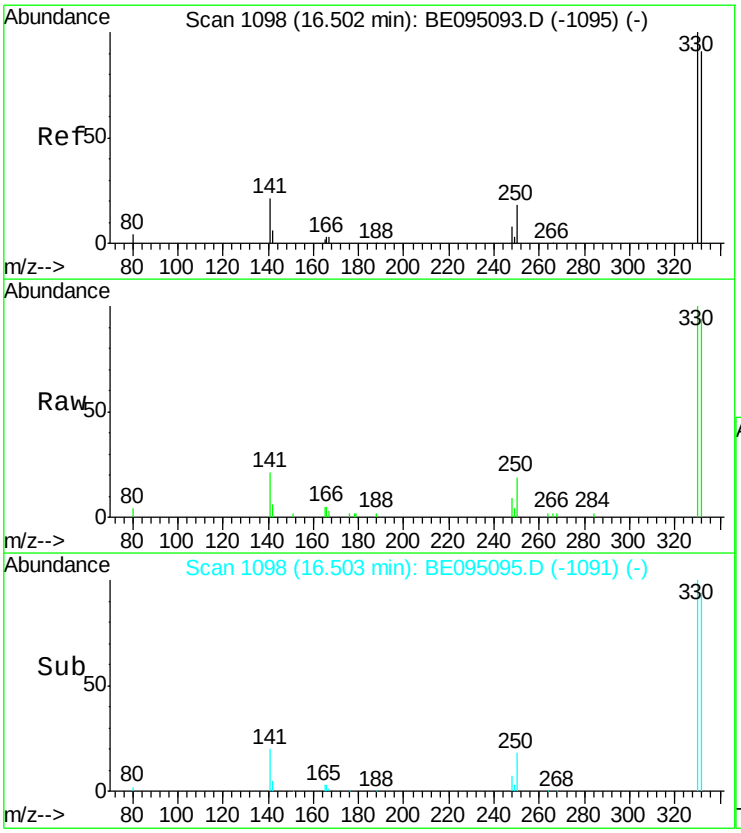
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8627

Ion	Ratio	Lower	Upper
164	100		
162	109.3	83.1	124.7
160	50.3	37.1	55.7

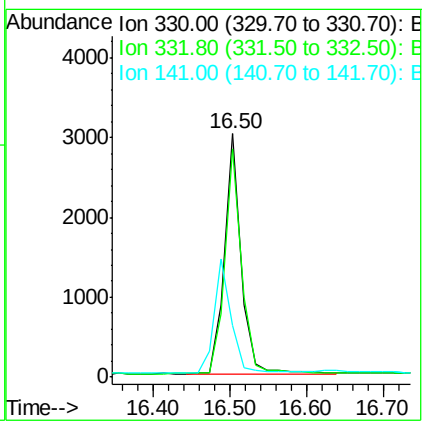


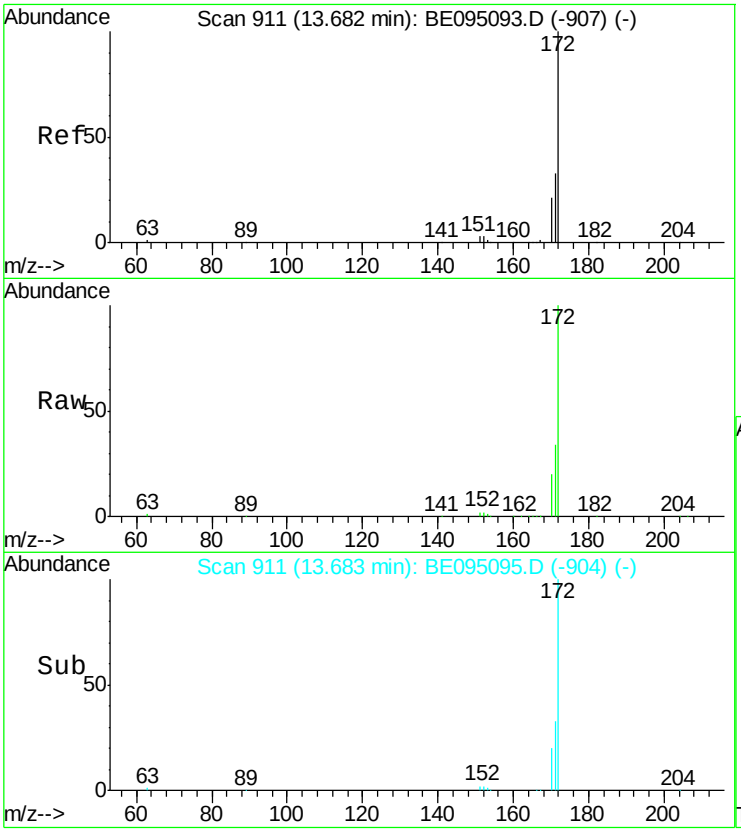


#14
2,4,6-Tribromophenol
Concen: 2.261 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:330 Resp: 4533

Ion	Ratio	Lower	Upper
330	100		
332	94.1	152.7	229.1#
141	47.5	33.7	50.5



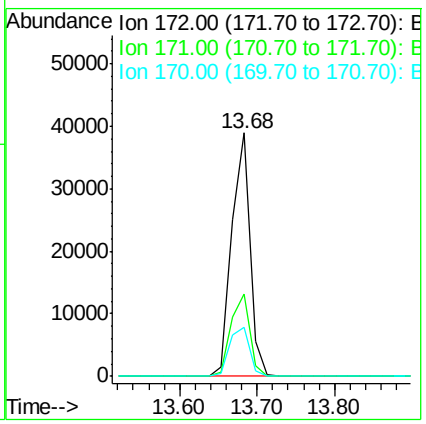


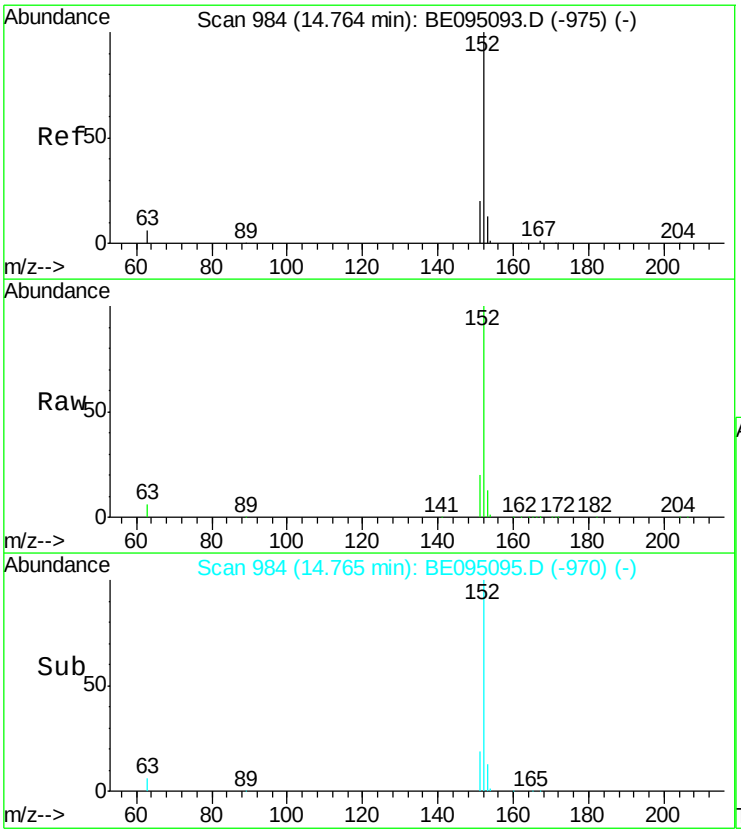
#15
2-Fluorobiphenyl
Concen: 1.658 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 63371

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	20.0	21.8	32.8#

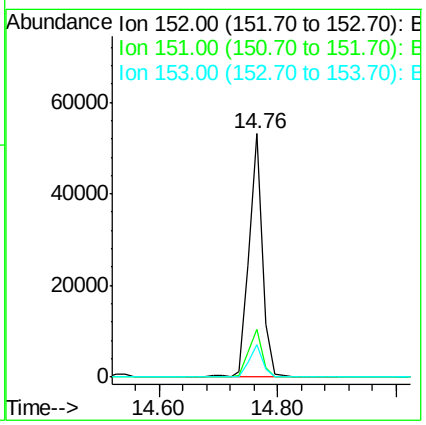


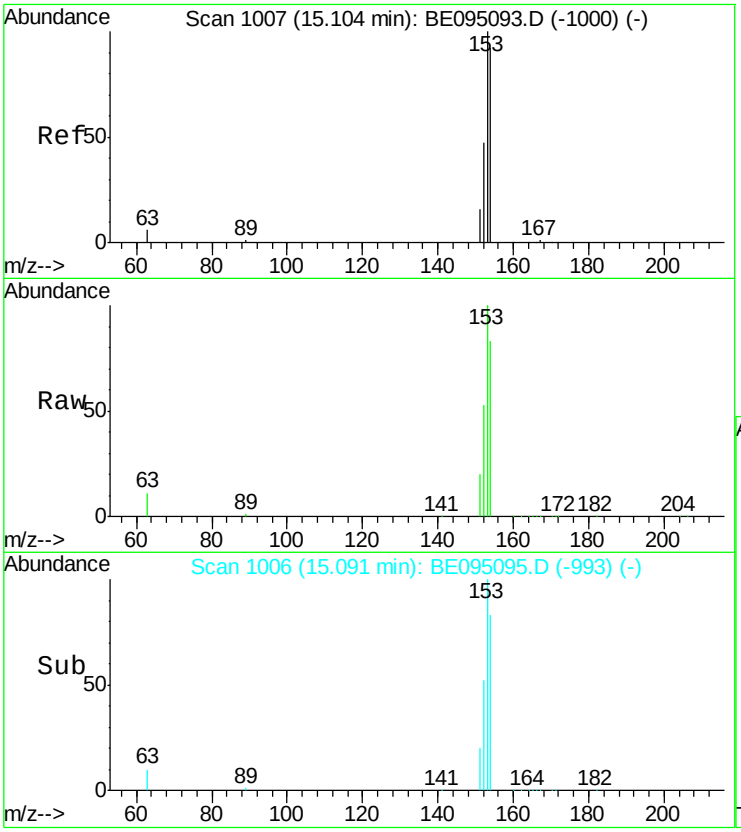


#16
Acenaphthylene
Concen: 1.777 ng
RT: 14.76 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:152 Resp: 81925

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



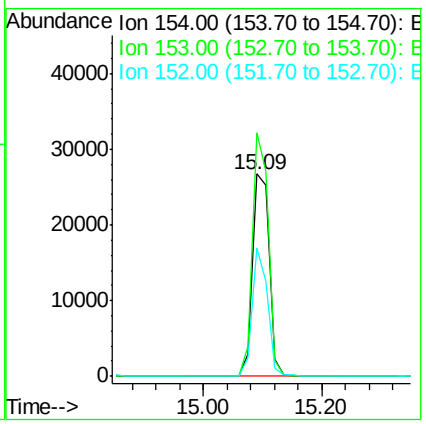


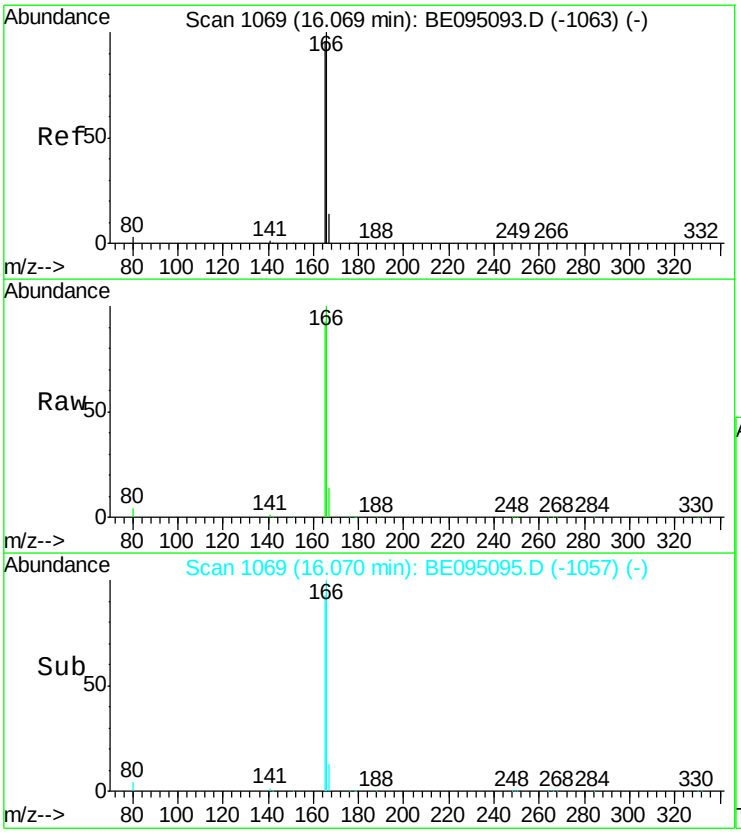
#17
Acenaphthene
Concen: 1.668 ng
RT: 15.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 51021

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	57.5	42.0	63.0

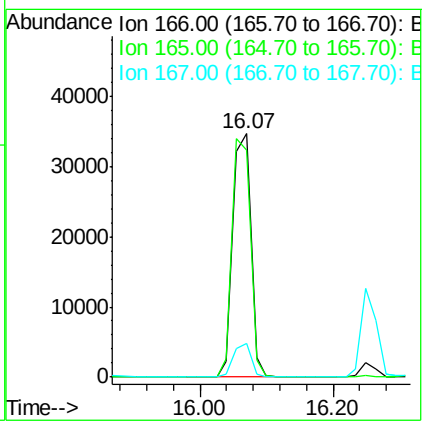


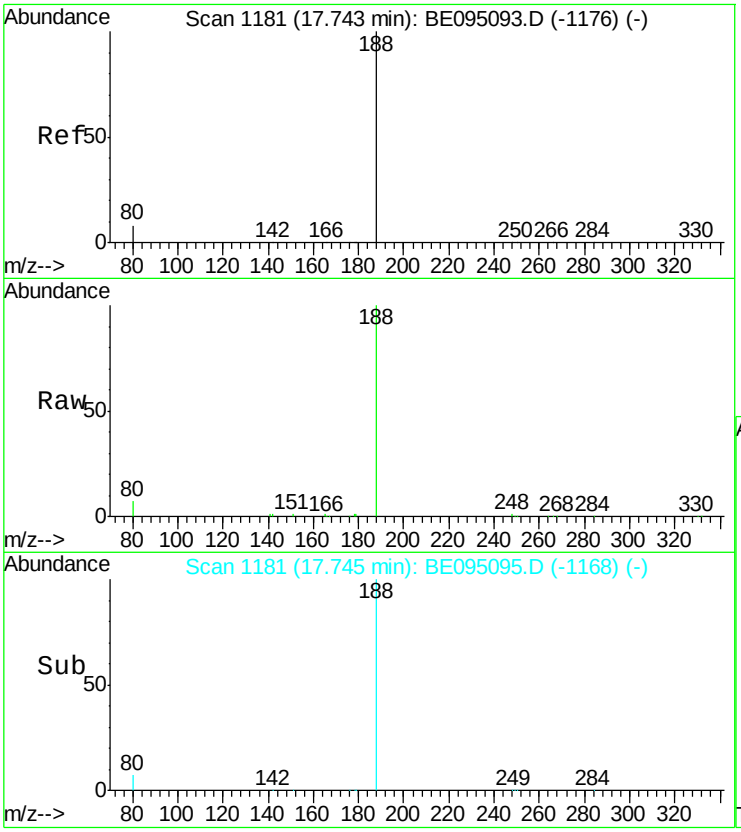


#18
Fluorene
Concen: 1.699 ng
RT: 16.07 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:166 Resp: 64579

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	13.4	42.4	63.6#



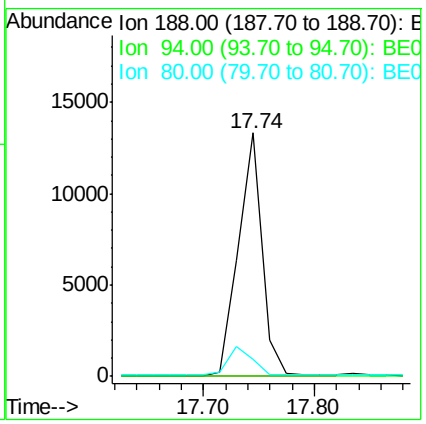


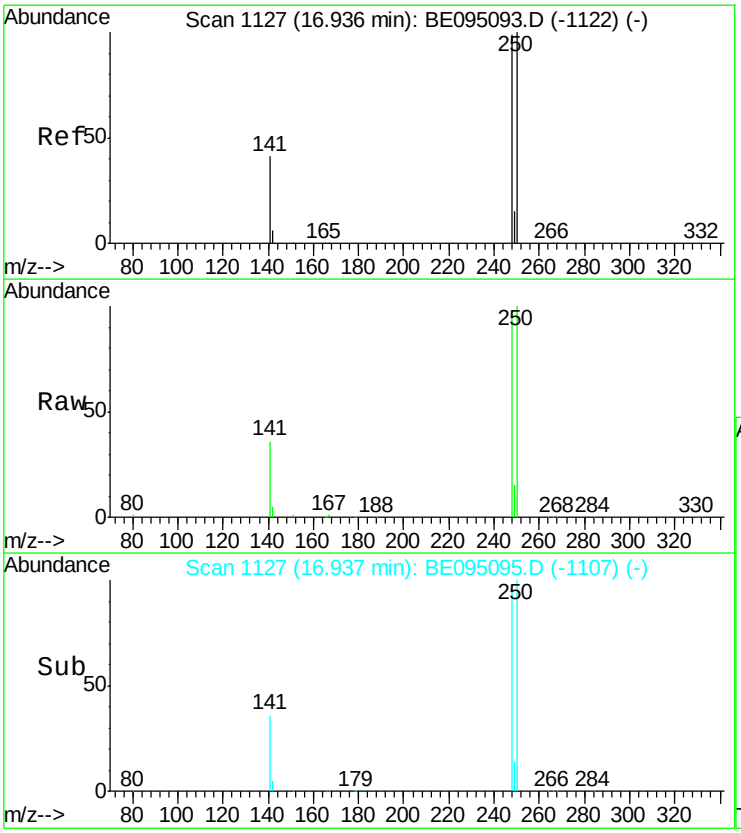
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 19639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.2	3.6	5.4#

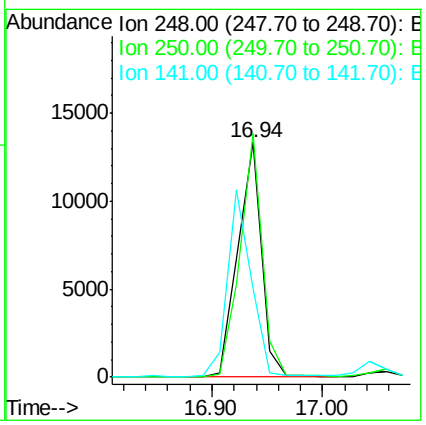


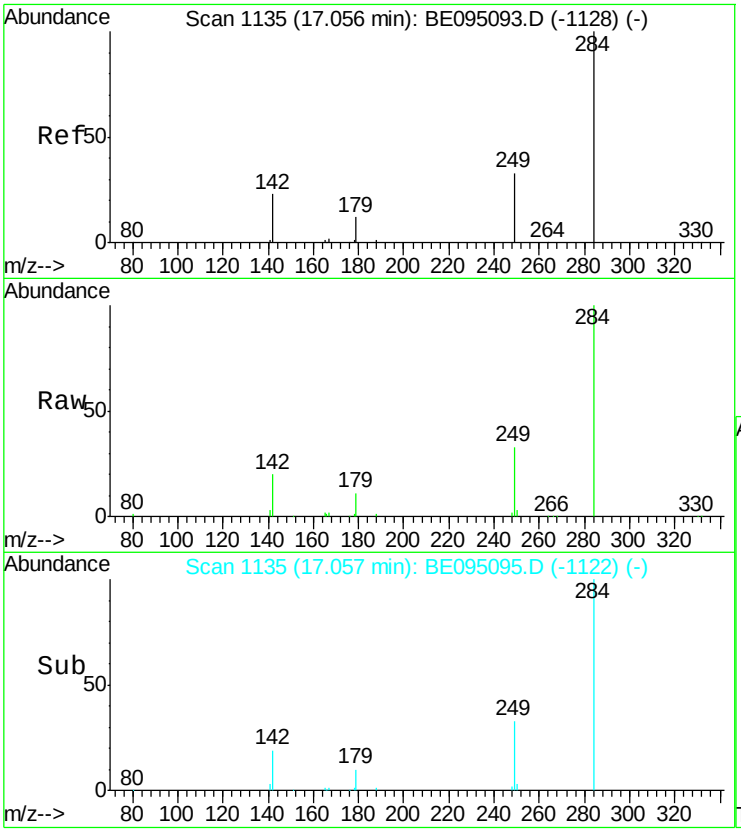


#20
4-Bromophenyl-phenylether
Concen: 1.696 ng
RT: 16.94 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:248 Resp: 19495

Ion	Ratio	Lower	Upper
248	100		
250	103.8	62.7	94.1#
141	37.9	48.2	72.2#



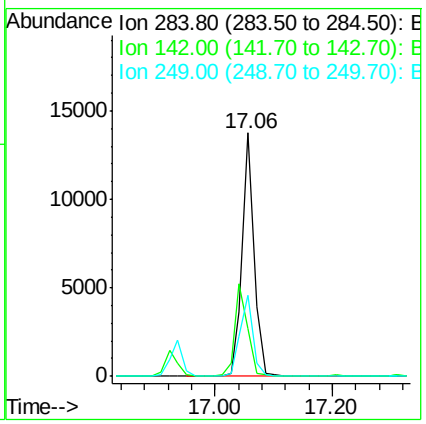


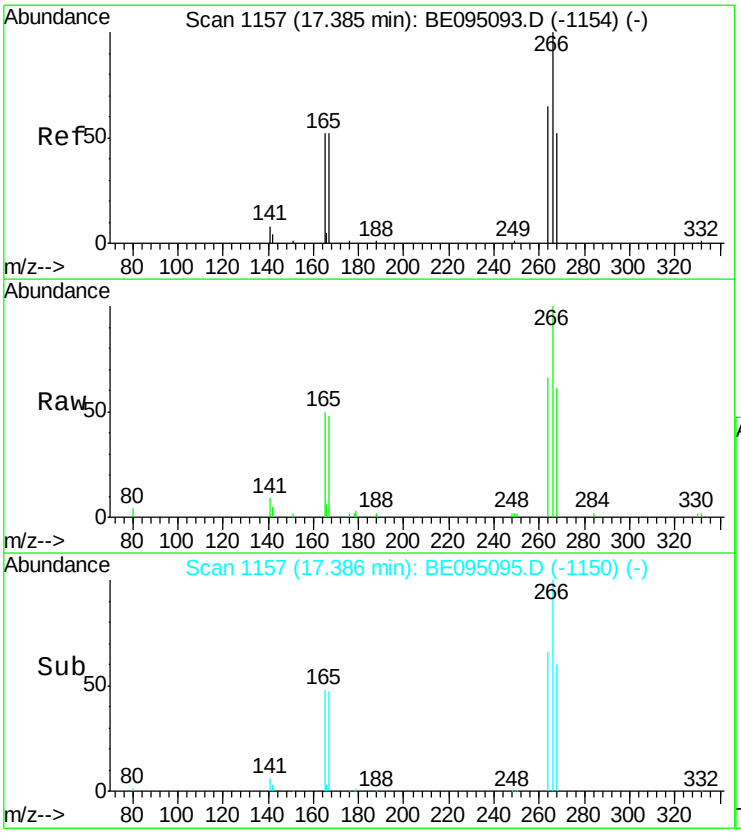
#21
Hexachlorobenzene
Concen: 1.639 ng
RT: 17.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 19266

Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.1	33.1#
249	35.2	34.8	52.2

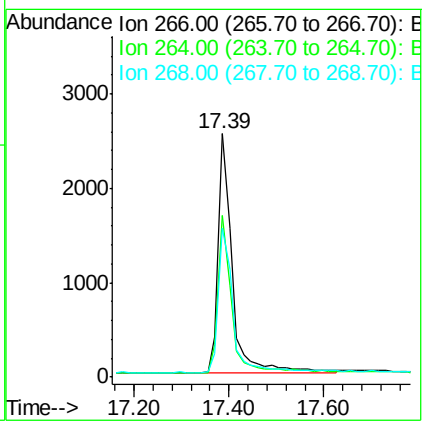


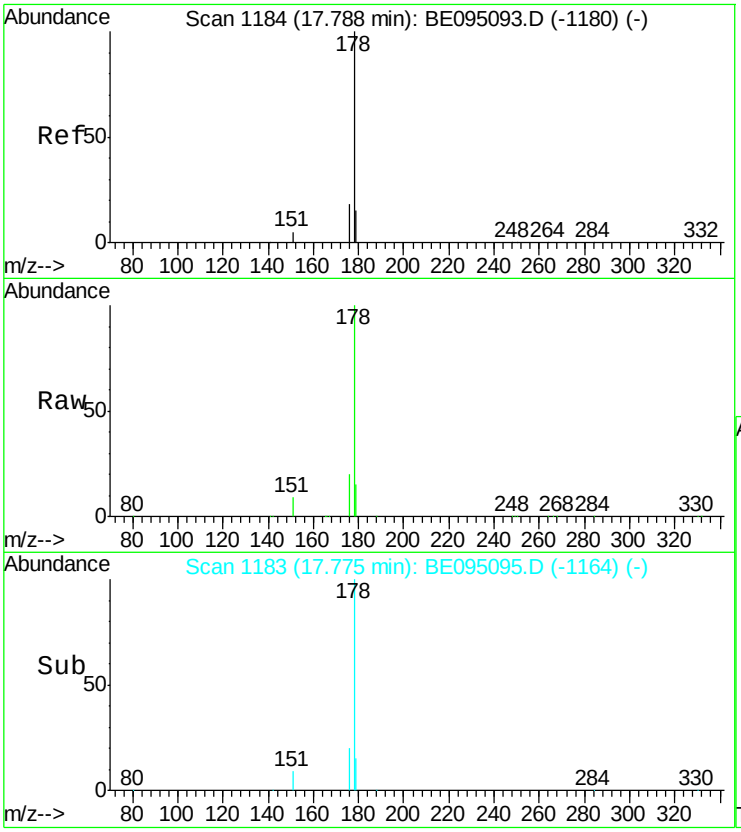


#22
Pentachlorophenol
Concen: 2.266 ng
RT: 17.39 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:266 Resp: 5094

Ion	Ratio	Lower	Upper
266	100		
264	66.5	72.5	108.7#
268	61.2	73.8	110.6#



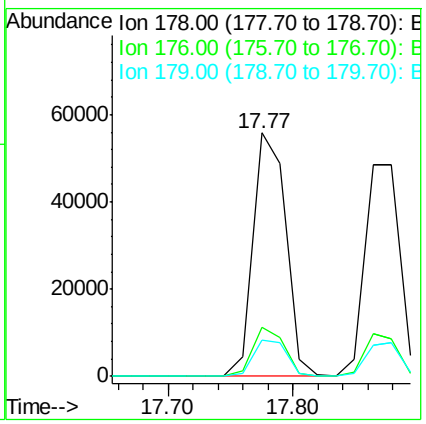


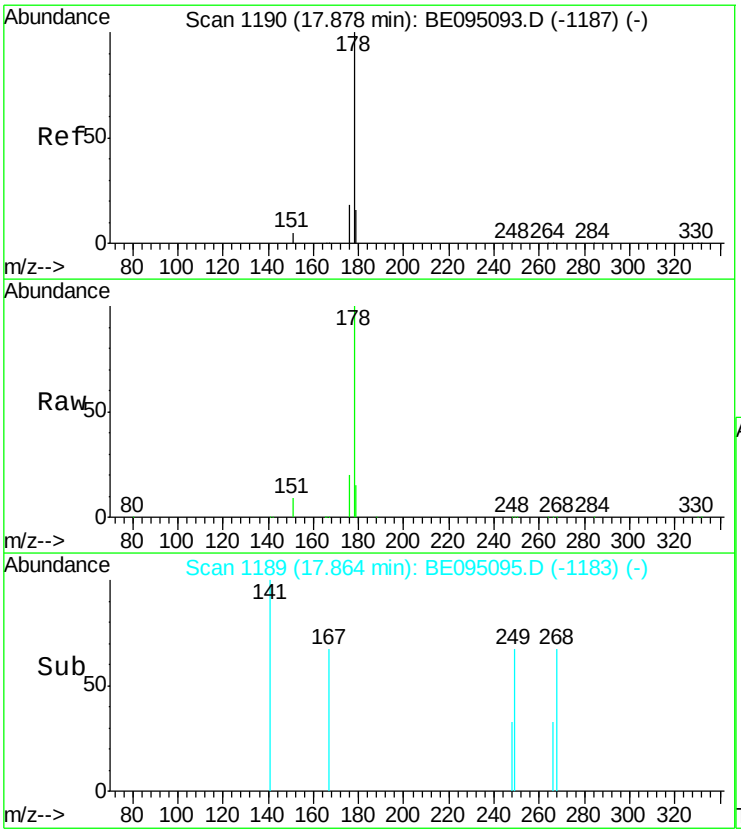
#23
Phenanthrene
Concen: 1.663 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 101752

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.3	11.8	17.6

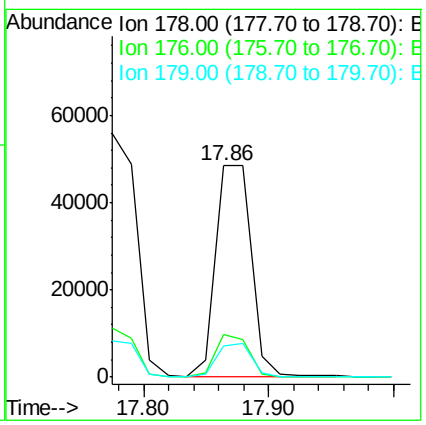


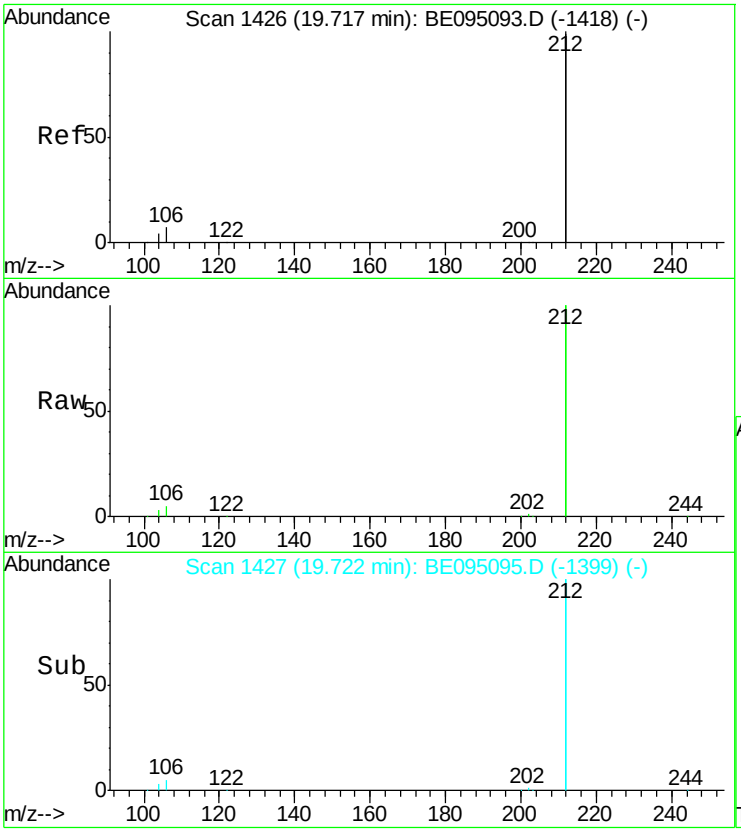


#24
Anthracene
Concen: 1.509 ng
RT: 17.86 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:178 Resp: 94768

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.3	13.0	19.6



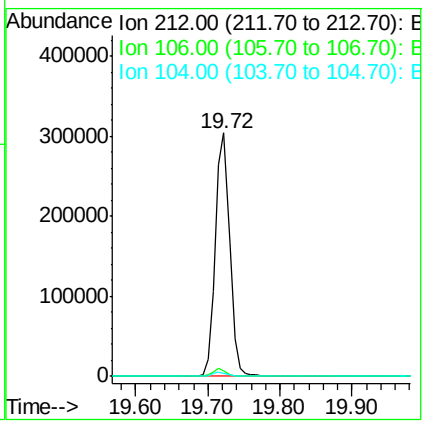


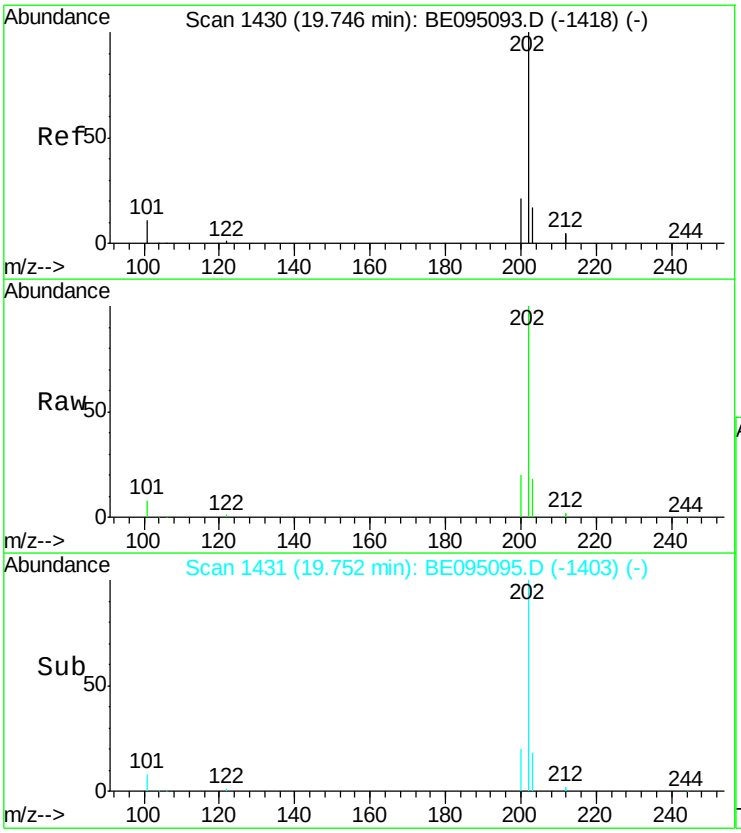
#25
Fluoranthene-d10
Concen: 1.630 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 415221

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

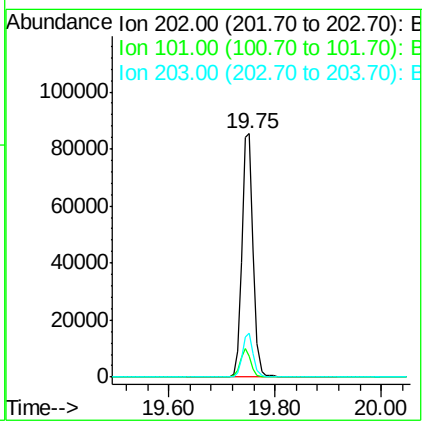


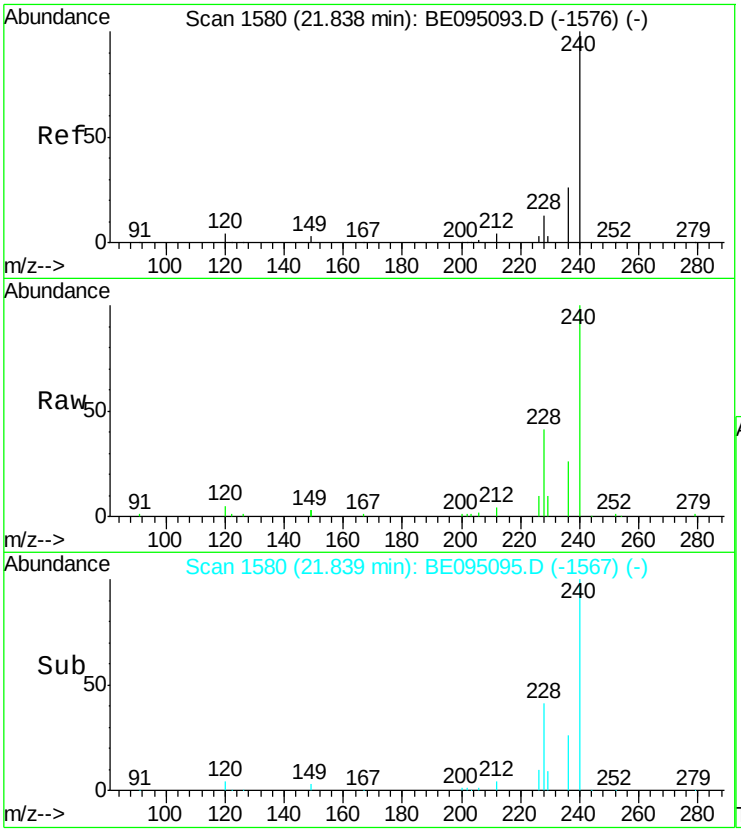


#26
Fluoranthene
Concen: 1.658 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:202 Resp: 125204

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.2	13.7	20.5



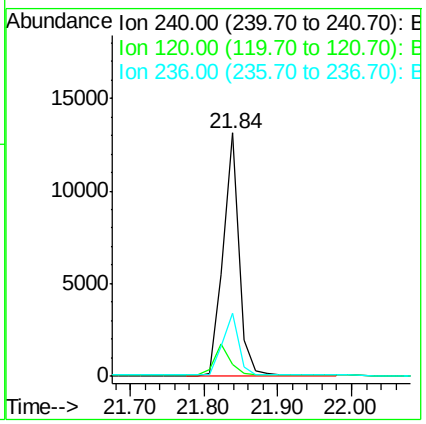


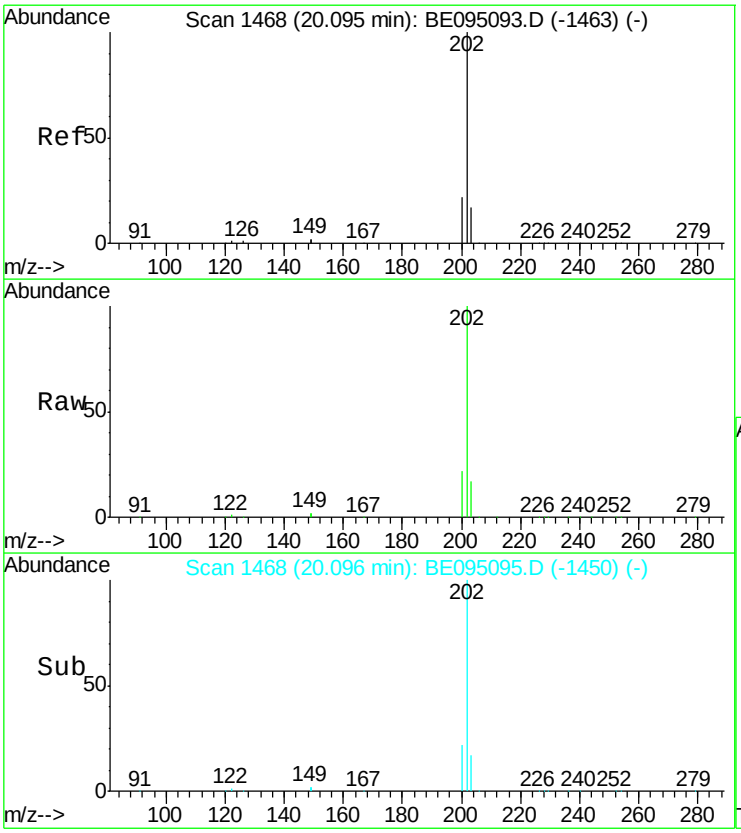
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 19640

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.5	8.3#
236	26.0	20.7	31.1

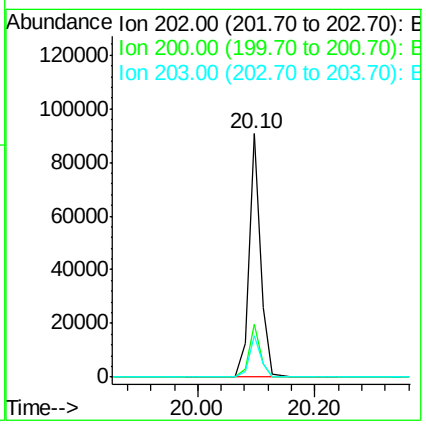


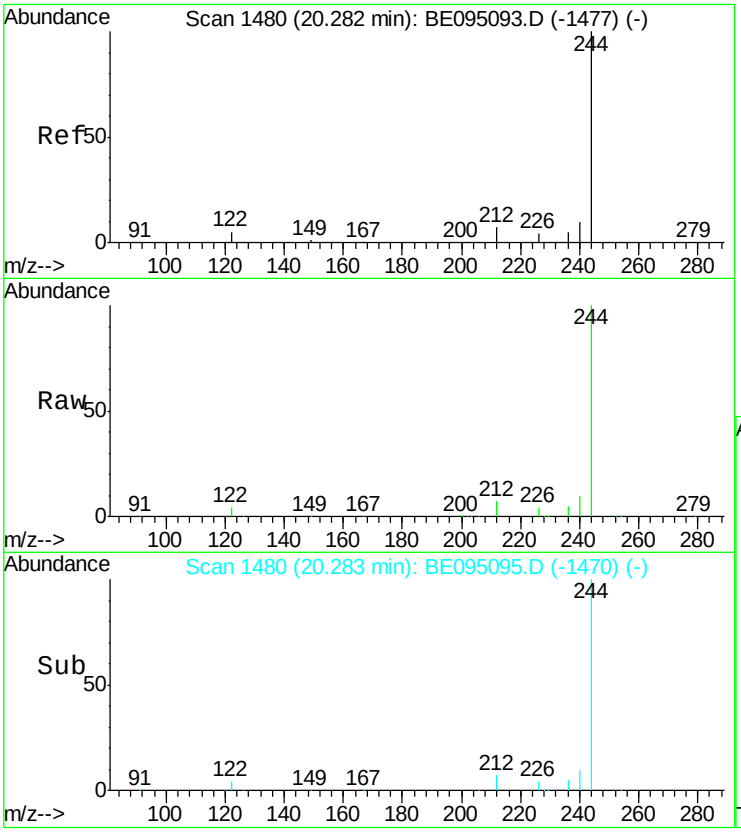


#28
Pyrene
Concen: 2.015 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:202 Resp: 134097

Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	18.8	13.8	20.8



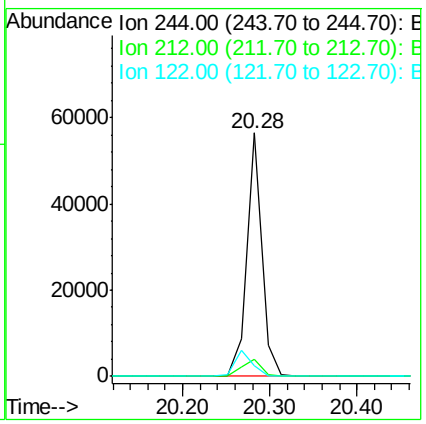


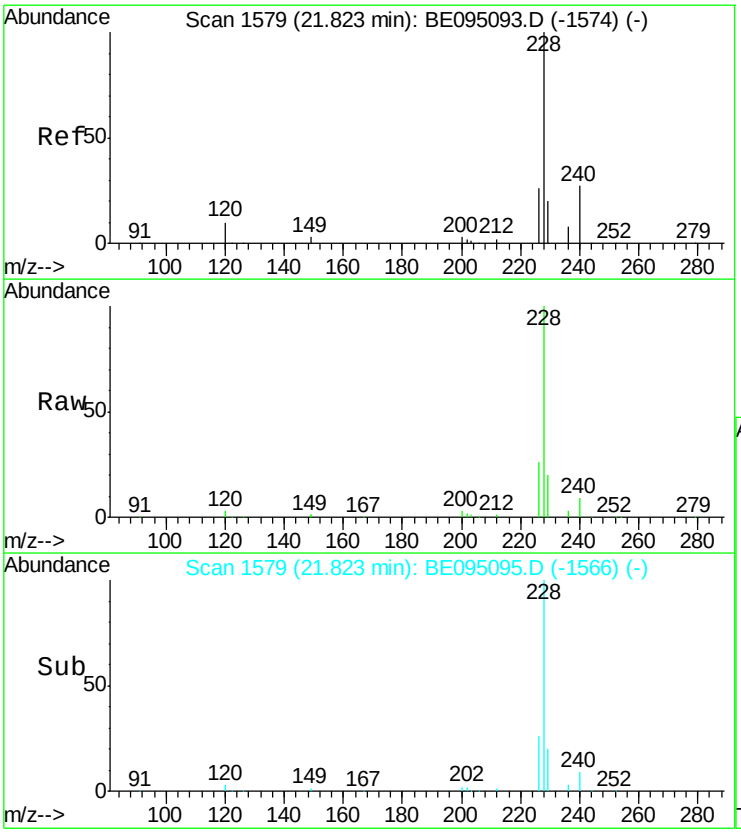
#29
Terphenyl-d14
Concen: 1.844 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 68191

Ion	Ratio	Lower	Upper
244	100		
212	7.1	25.4	38.0#
122	4.2	8.1	12.1#

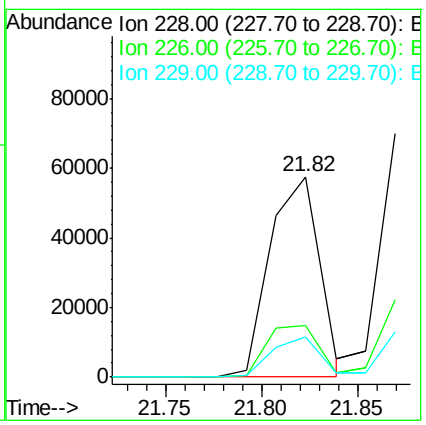


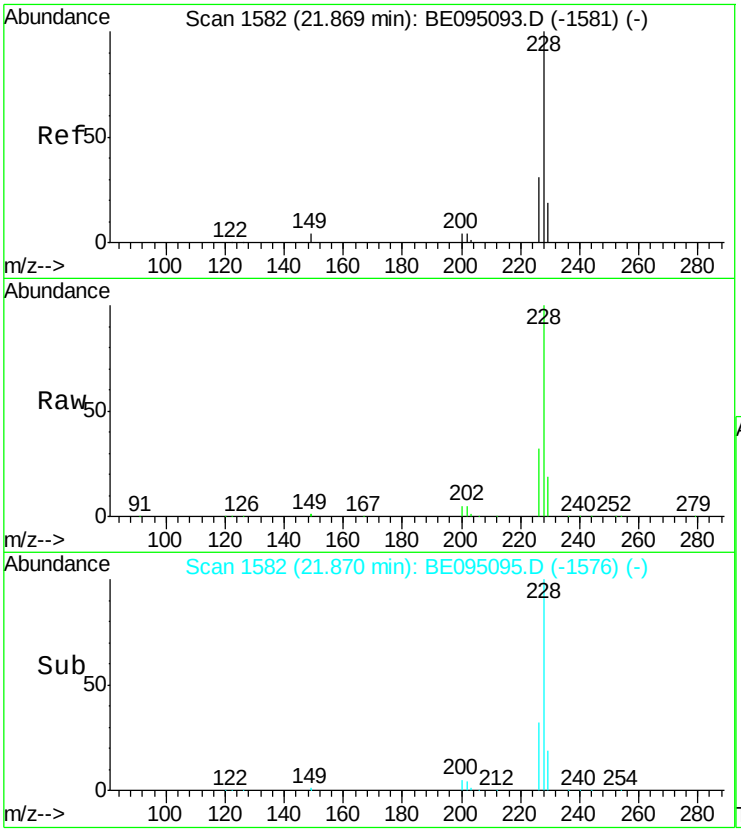


#30
Benzo(a)anthracene
Concen: 1.809 ng
RT: 21.82 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:228 Resp: 103828

Ion	Ratio	Lower	Upper
228	100		
226	25.7	24.0	36.0
229	20.3	16.0	24.0



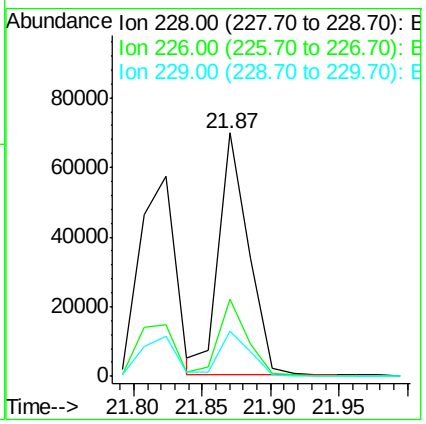


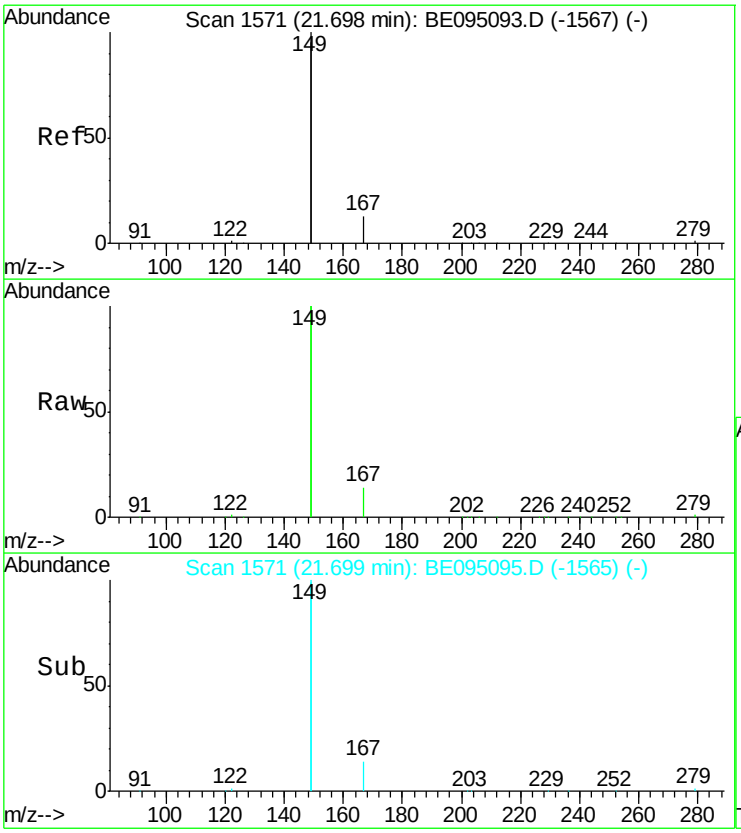
#31
Chrysene
Concen: 1.627 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 105090

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	18.8	16.0	24.0

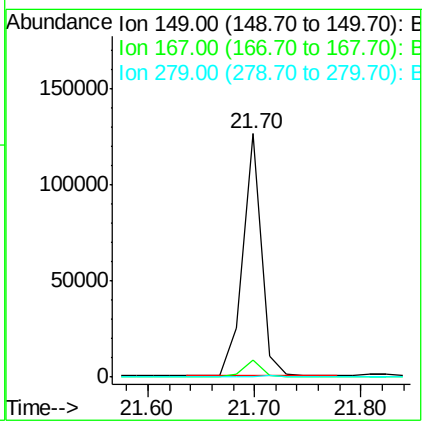


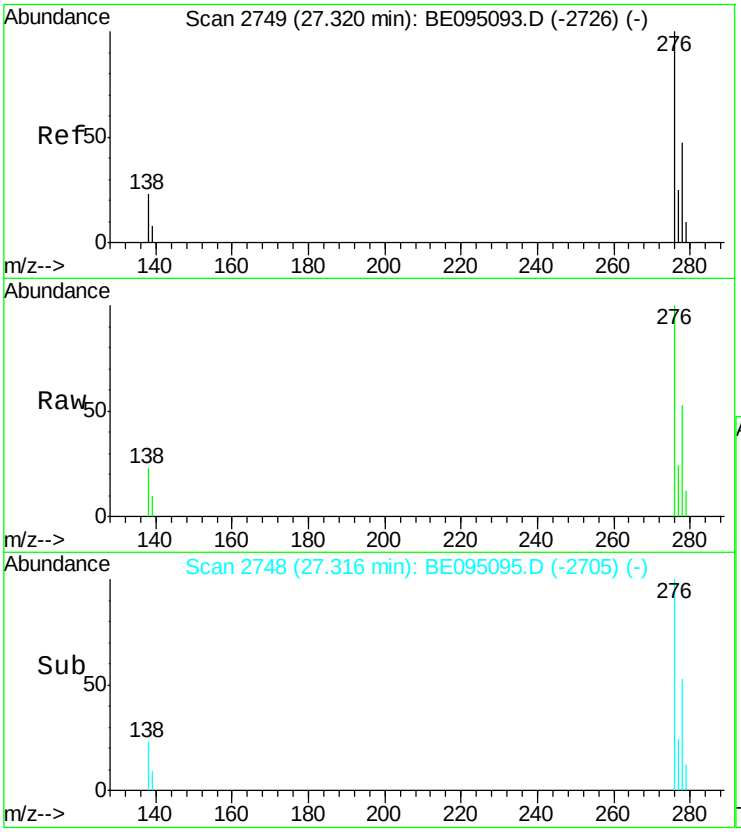


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.075 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:149 Resp: 151754

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.8	0.7	1.1



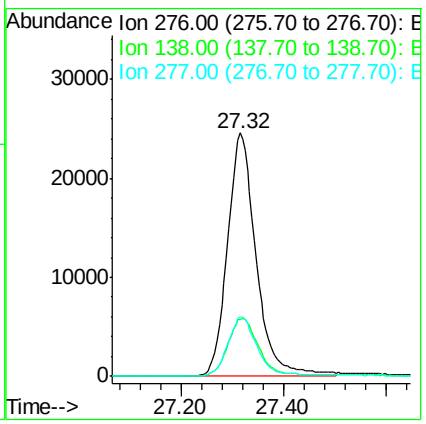


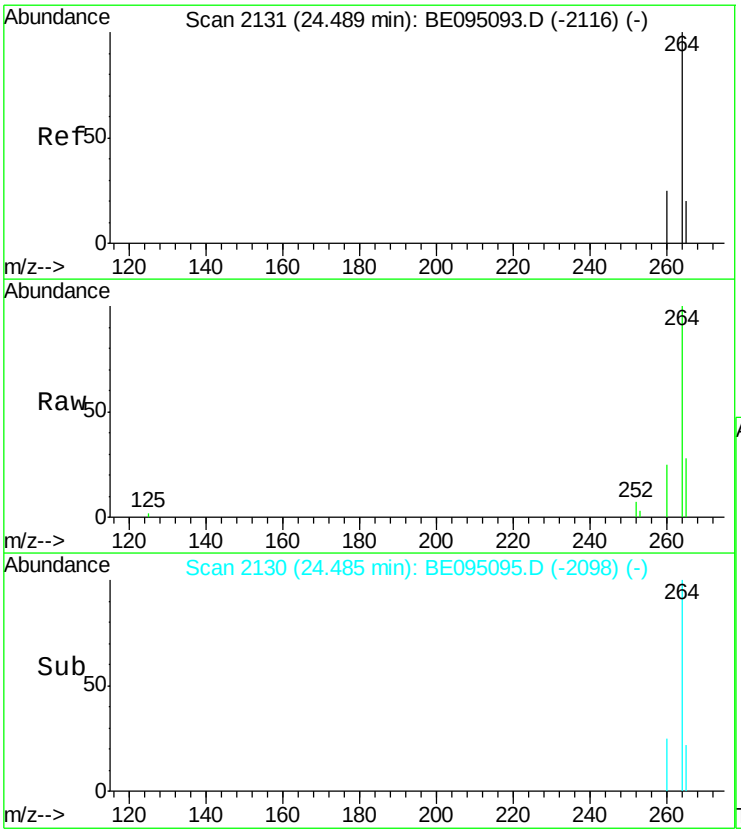
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.809 ng
RT: 27.32 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 95119

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.5	33.7
277	24.8	19.9	29.9

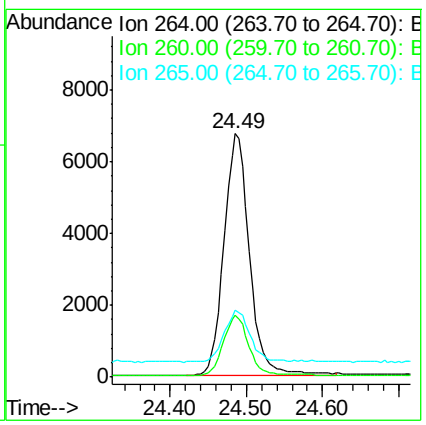


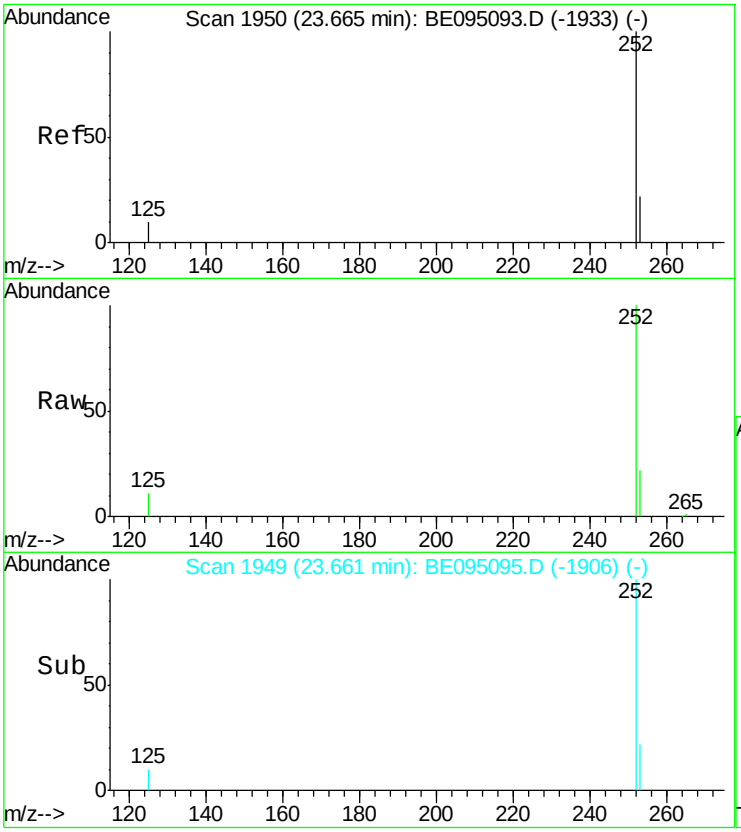


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:264 Resp: 15642

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	27.6	22.8	34.2



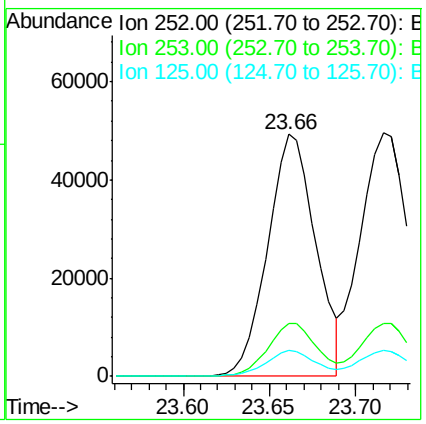


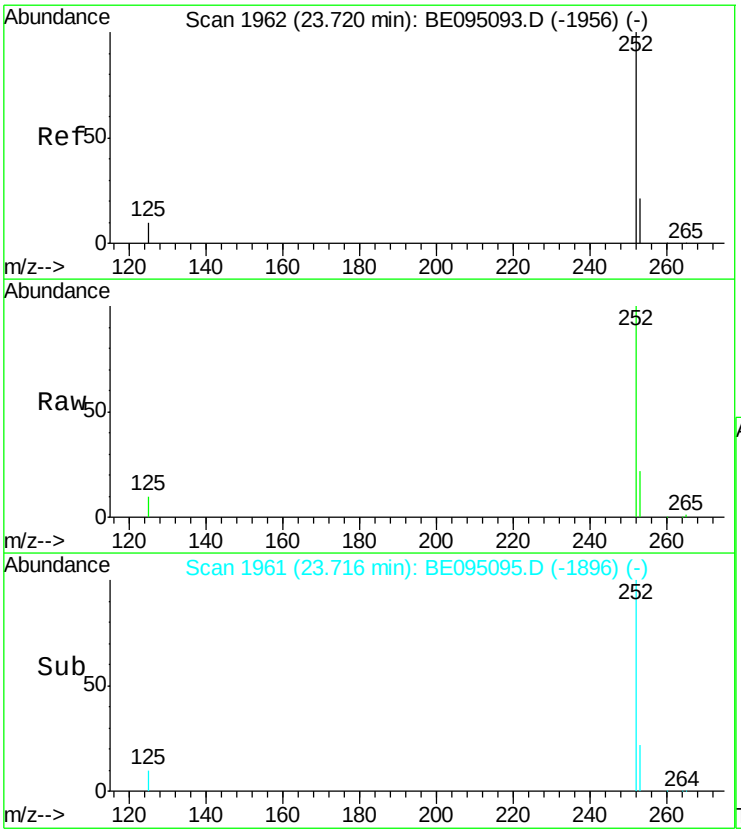
#35
Benzo(b)fluoranthene
Concen: 1.654 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 95003

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.0	30.0
125	10.5	16.0	24.0#

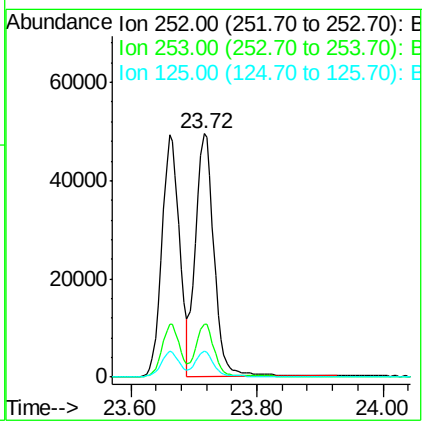


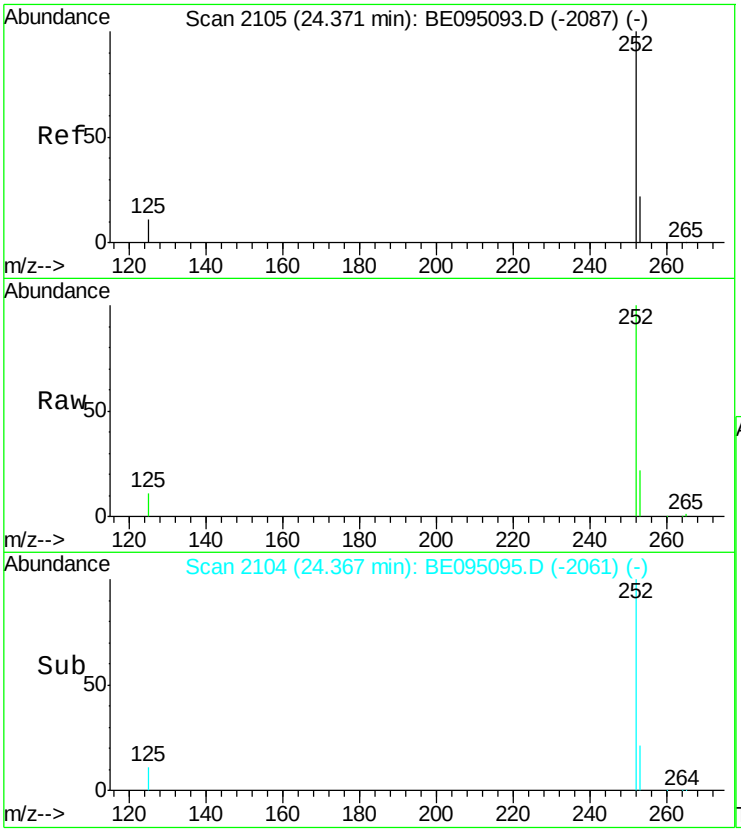


#36
Benzo(k)fluoranthene
Concen: 1.740 ng
RT: 23.72 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:252 Resp: 101262

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	10.5	8.0	12.0



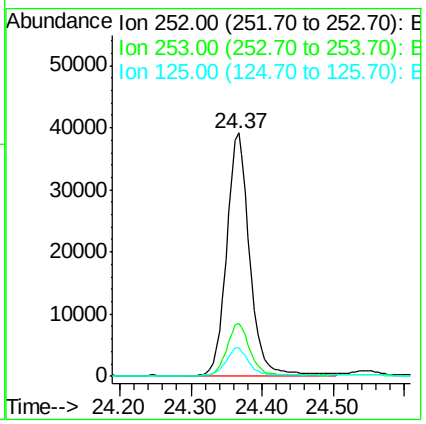


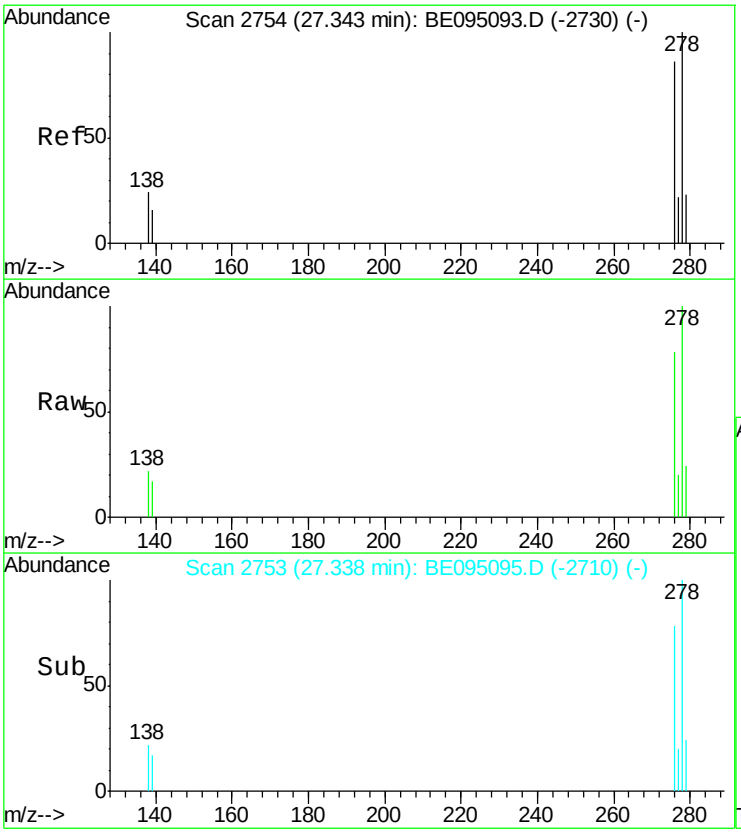
#37
Benzo(a)pyrene
Concen: 1.719 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 87618

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.0	24.0
125	11.5	12.0	18.0#

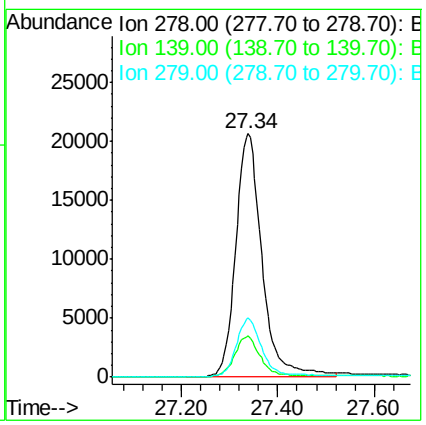


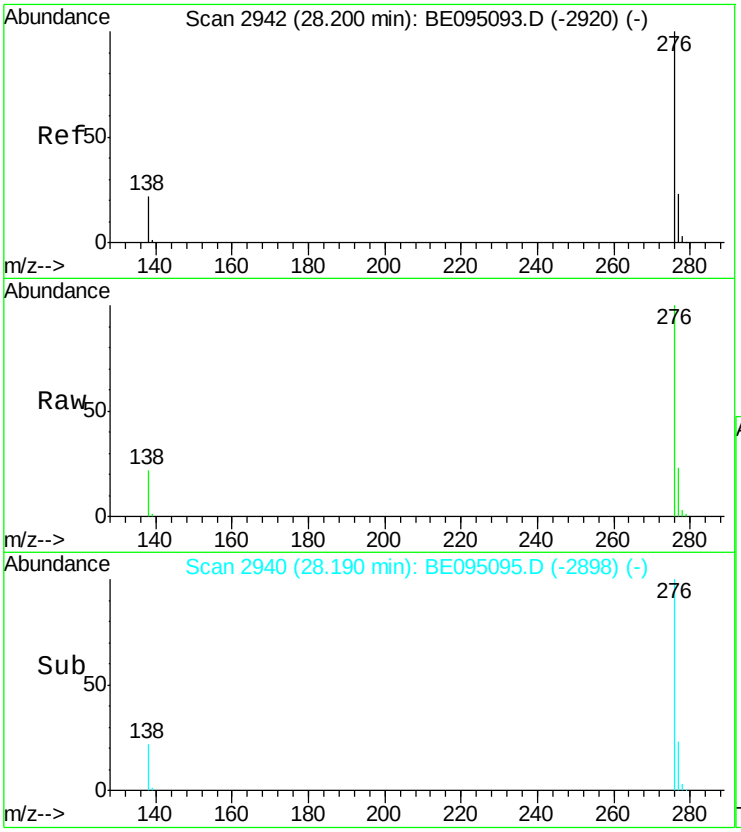


#38
Dibenzo(a,h)anthracene
Concen: 1.641 ng
RT: 27.34 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Tgt Ion:278 Resp: 77537

Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.0	24.0
279	24.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.703 ng
RT: 28.19 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE095095.D
Acq: 23 Jan 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 80154

Ion	Ratio	Lower	Upper
276	100		
277	23.4	16.0	24.0
138	22.2	20.0	30.0