Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
Data File : BE095535.D
Acq On : 6 Feb 2018 18:39
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Feb 06 20:04:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1092	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4157	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2351	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	5441	0.40	ng		0.00
27) Chrysene-d12	21.79	240	6038	0.40	ng		0.00
34) Perylene-d12	24.43	264	5702	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	2531	1.43	ng		0.00
5) Phenol-d6	7.55	99	3456	1.29	ng		-0.01
8) Nitrobenzene-d5	9.61	82	3380	0.89	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	5317	0.77	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	792	1.39	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	7880	0.76	ng		0.00
25) Fluoranthene-d10	19.69	212	55485	0.81	ng		0.00
29) Terphenyl-d14	20.25	244	9238	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	1449	1.349	ng	#	88
3) n-Nitrosodimethylamine	3.99	42	1785	1.393	ng	#	85
6) bis(2-Chloroethyl)ether	7.83	93	3235	1.296	ng		93
9) Naphthalene	11.33	128	37335	0.785	ng		99
10) Hexachlorobutadiene	11.58	225	1838	0.862	ng		98
12) 2-Methylnaphthalene	12.88	142	6304	0.773	ng		97
16) Acenaphthylene	14.74	152	10387	0.825	ng		100
17) Acenaphthene	15.06	154	6462	0.789	ng		97
18) Fluorene	16.02	166	8080	0.790	ng	#	78
20) 4-Bromophenyl-phenylether	16.91	248	2518	0.786	ng	#	66
21) Hexachlorobenzene	17.03	284	2565	0.798	ng	#	83
22) Pentachlorophenol	17.37	266	708	0.951	ng	#	73
23) Phenanthrene	17.74	178	12939	0.770	ng		99
24) Anthracene	17.83	178	11979	0.799	ng		95
26) Fluoranthene	19.71	202	16357	0.810	ng		98
28) Pyrene	20.06	202	19439	0.761	ng		97
30) Benzo(a)anthracene	21.78	228	15360	0.813	ng		98
31) Chrysene	21.84	228	15359	0.804	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	33370	1.270	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	15751	0.907	ng		94
35) Benzo(b)fluoranthene	23.61	252	15104	0.747	ng	#	88
36) Benzo(k)fluoranthene	23.67	252	15479	0.748	ng		96
37) Benzo(a)pyrene	24.31	252	14139	0.763	ng	#	94
38) Dibenzo(a,h)anthracene	27.26	278	12767	0.818	ng		96
39) Benzo(g,h,i)perylene	28.11	276	13390	0.791	ng	#	92

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

Quantitation Report (QT Reviewed)

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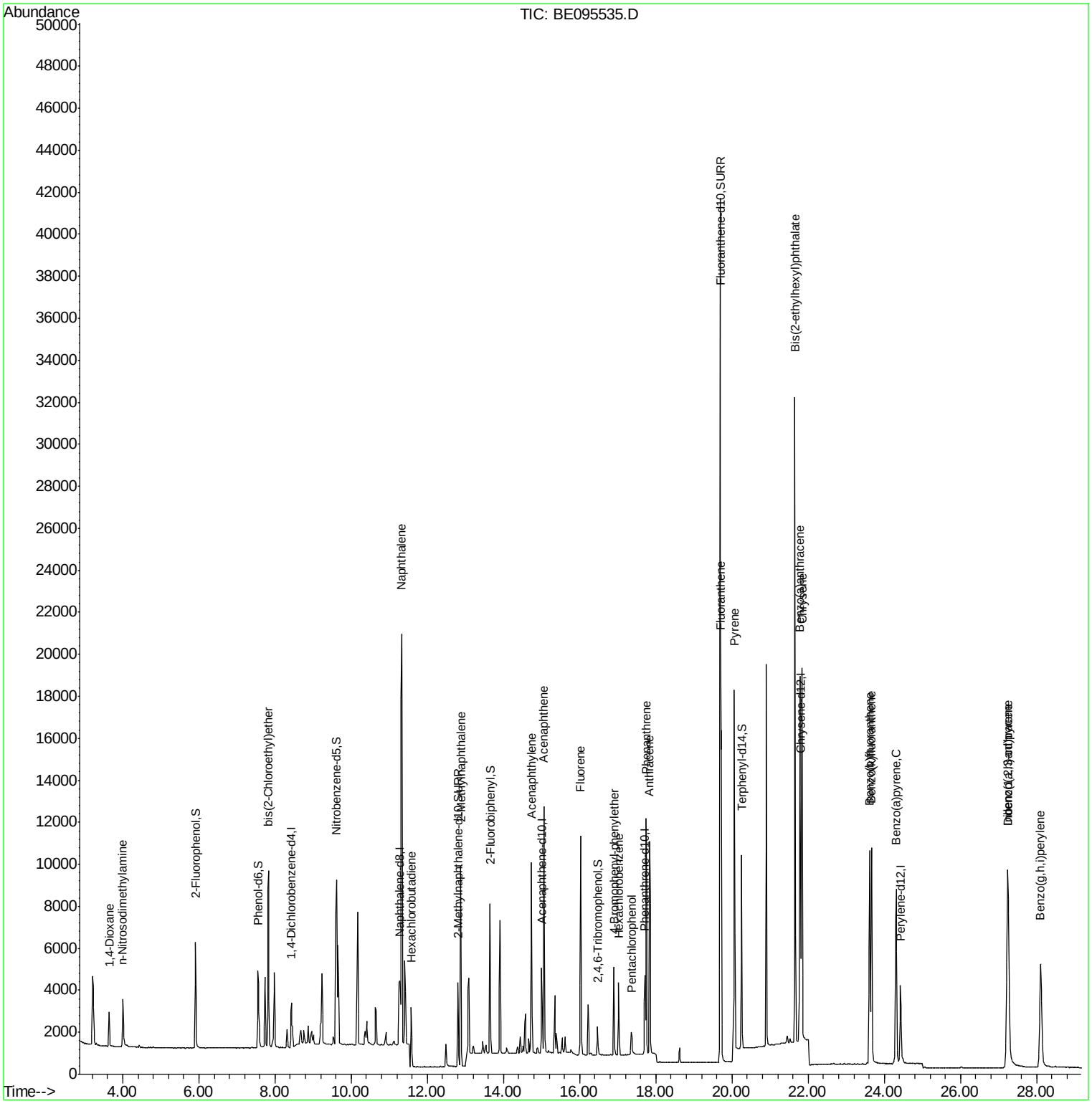
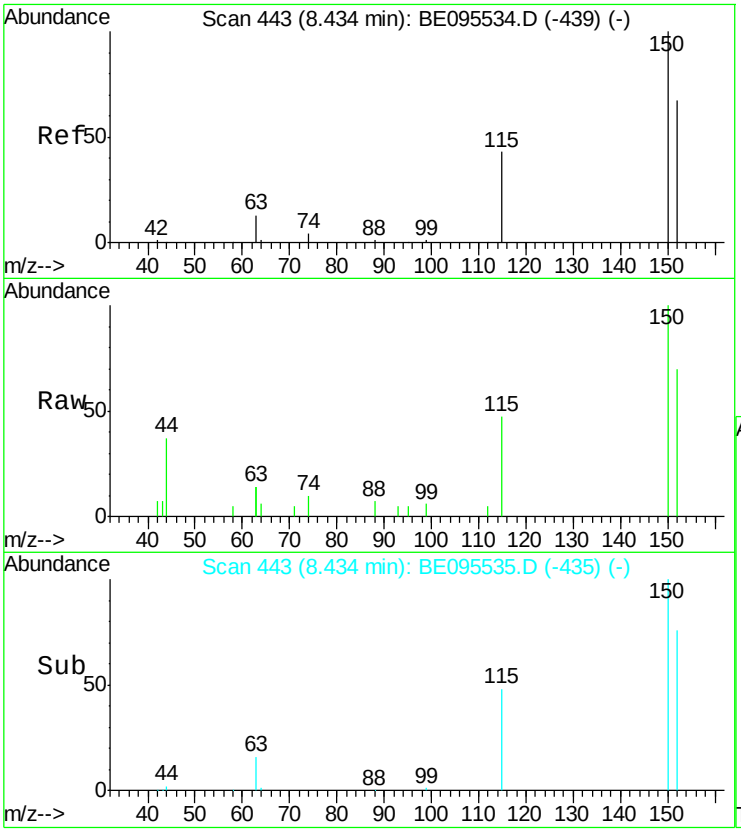
Data File : BE095535.D
Acq On : 6 Feb 2018 18:39
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Feb 06 20:04:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 19:56:54 2018
Response via : Initial Calibration



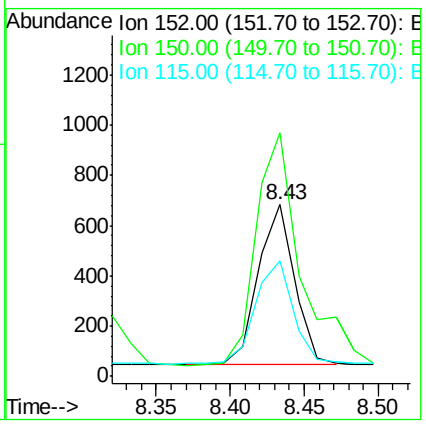


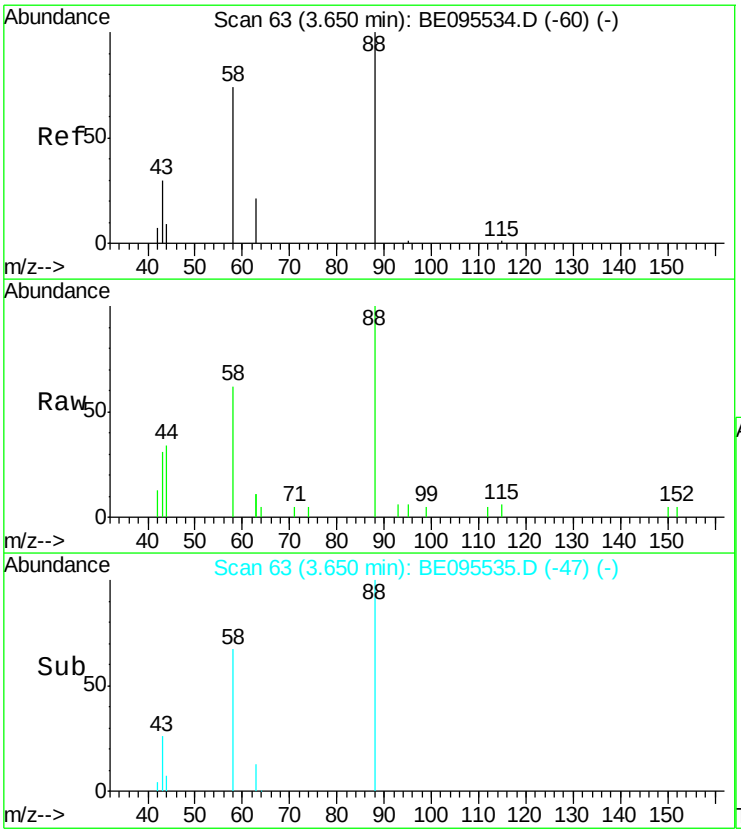
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1092

Ion	Ratio	Lower	Upper
152	100		
150	142.1	117.2	175.8
115	67.2	57.0	85.6

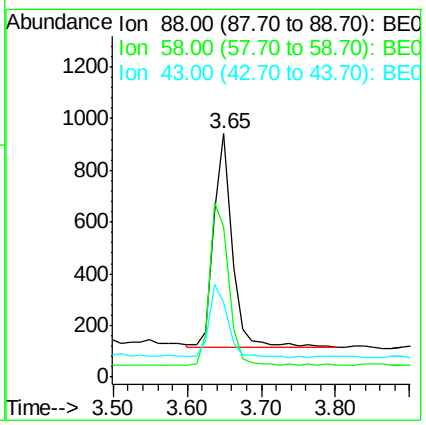


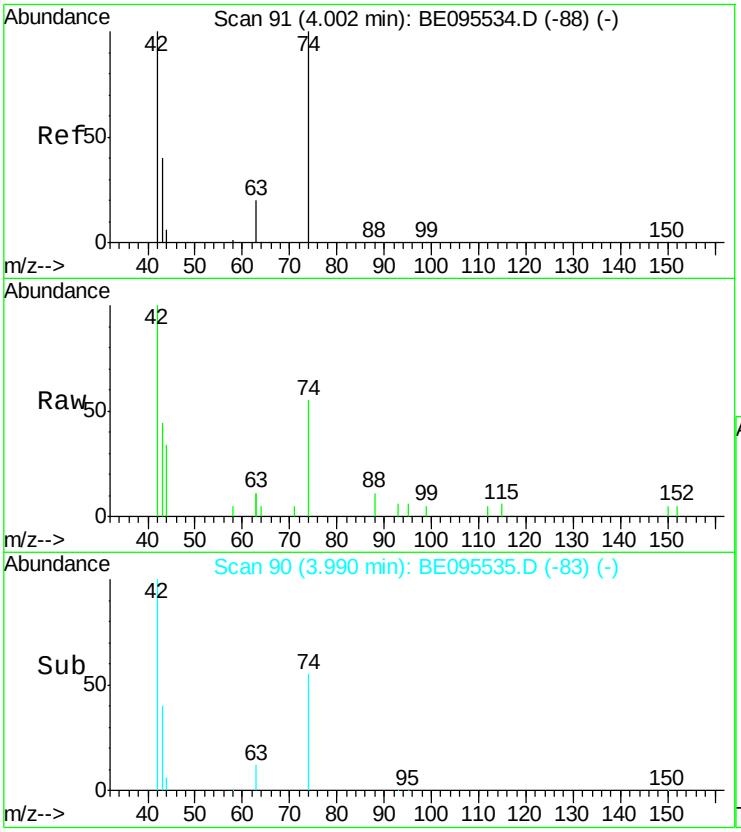


#2
1,4-Dioxane
Concen: 1.349 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion: 88 Resp: 1449

Ion	Ratio	Lower	Upper
88	100		
58	76.8	63.2	94.8
43	32.4	41.2	61.8#



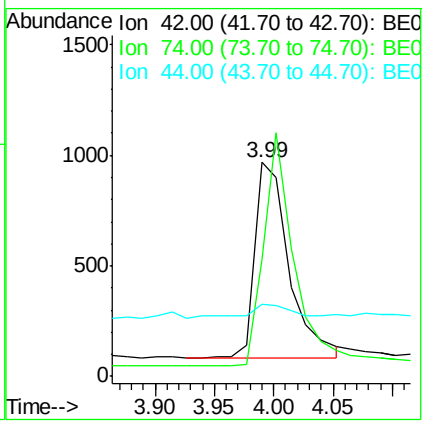


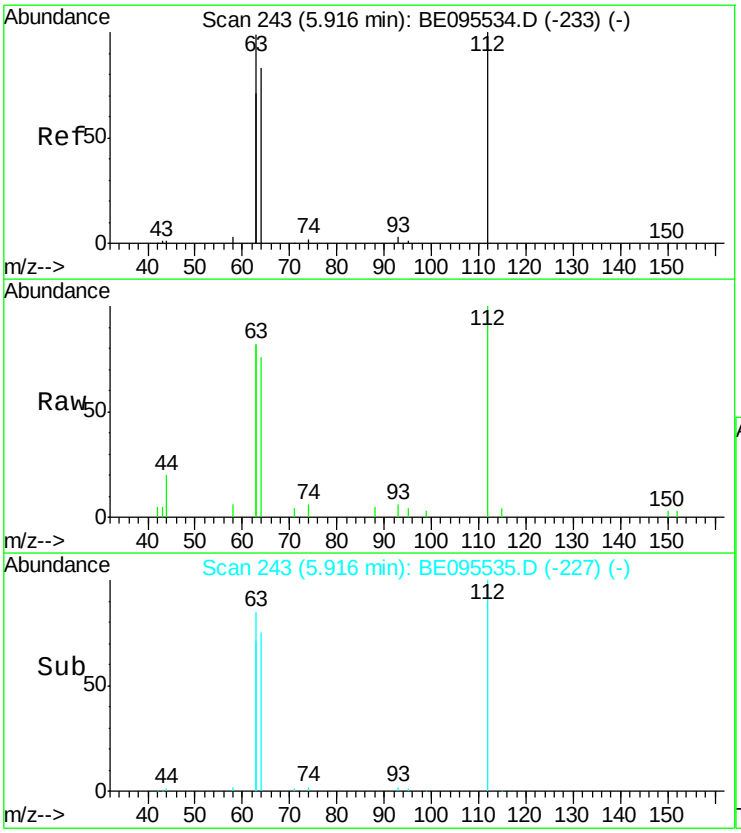
#3
n-Nitrosodimethylamine
Concen: 1.393 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1785

Ion	Ratio	Lower	Upper
42	100		
74	104.5	96.0	144.0
44	5.5	12.0	18.0#

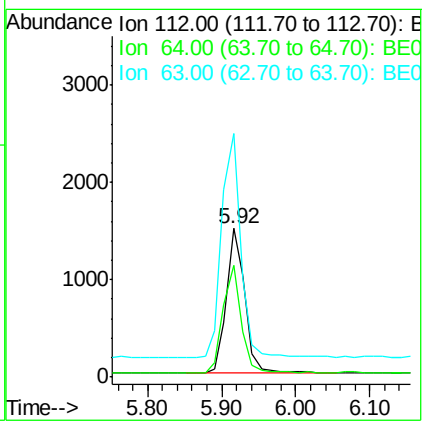


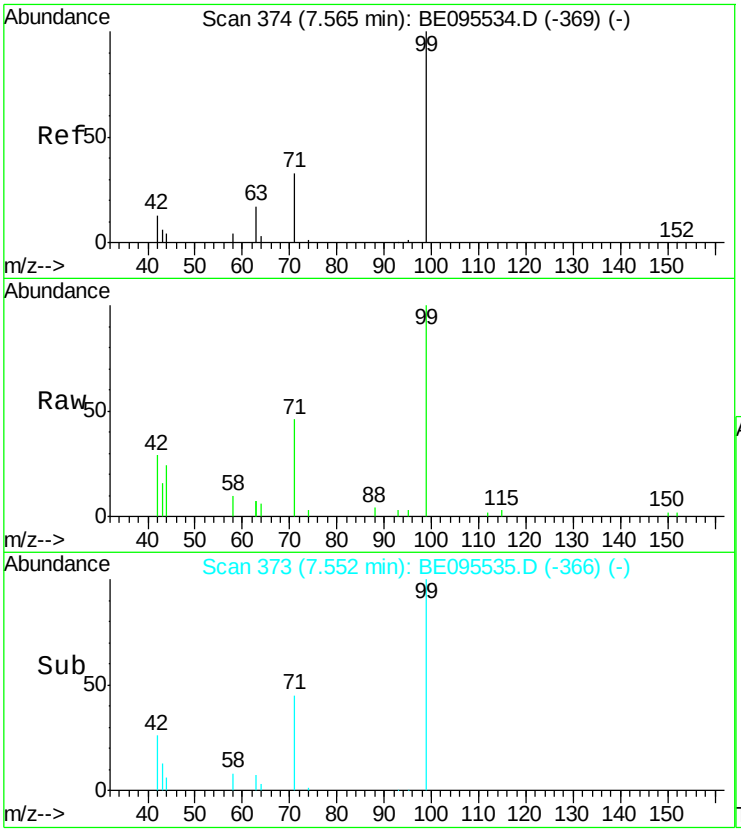


#4
2-Fluorophenol
Concen: 1.432 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:112 Resp: 2531

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.1	90.1
63	160.6	116.8	175.2



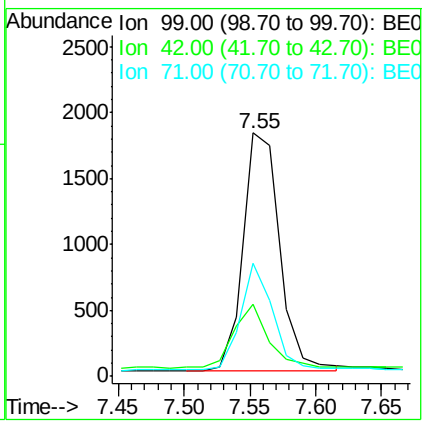


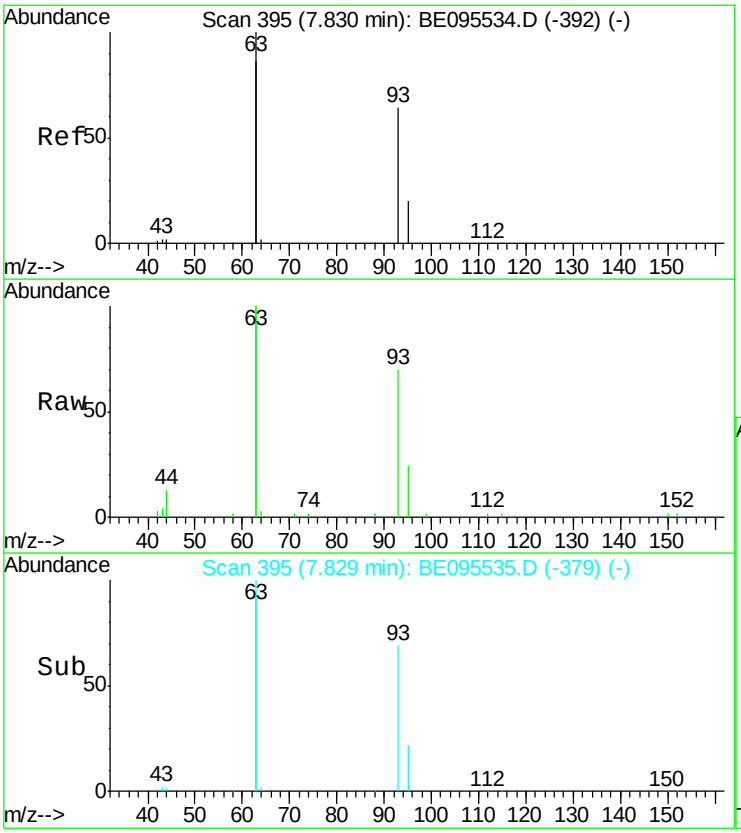
#5
Phenol-d6
Concen: 1.290 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3456

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.2	30.2
71	39.9	28.4	42.6

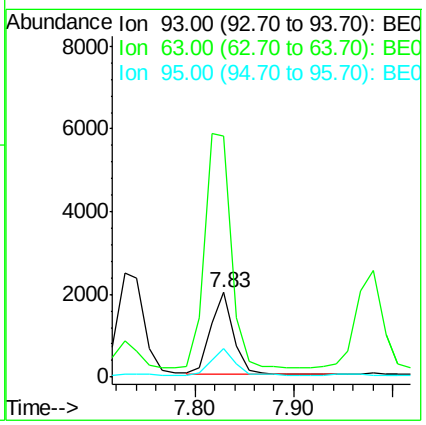


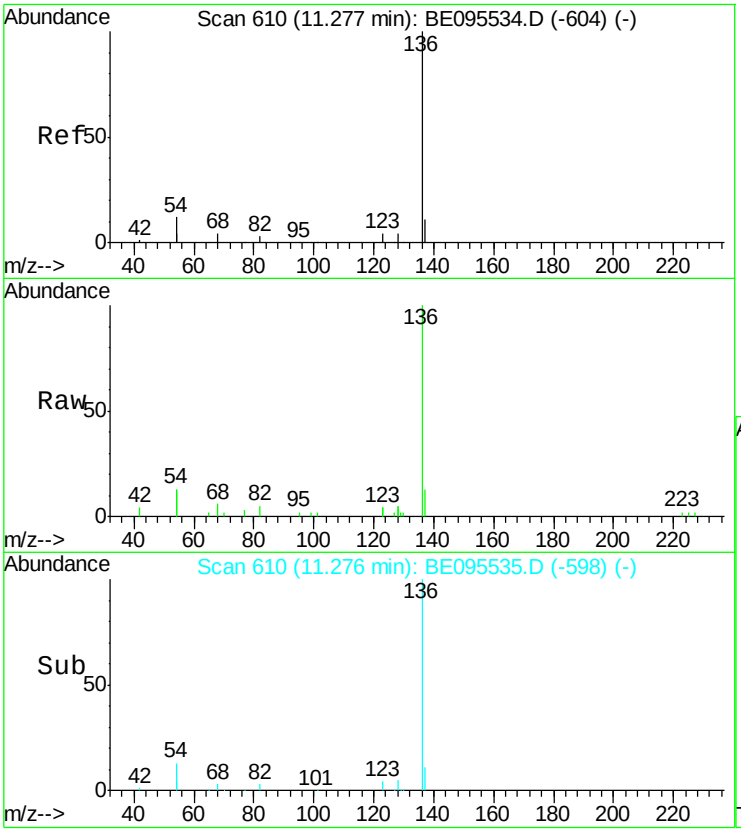


#6
bis(2-Chloroethyl)ether
Concen: 1.296 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion: 93 Resp: 3235

Ion	Ratio	Lower	Upper
93	100		
63	327.4	275.3	412.9
95	32.5	25.2	37.8



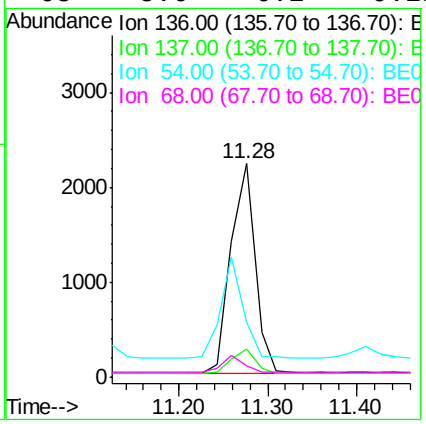


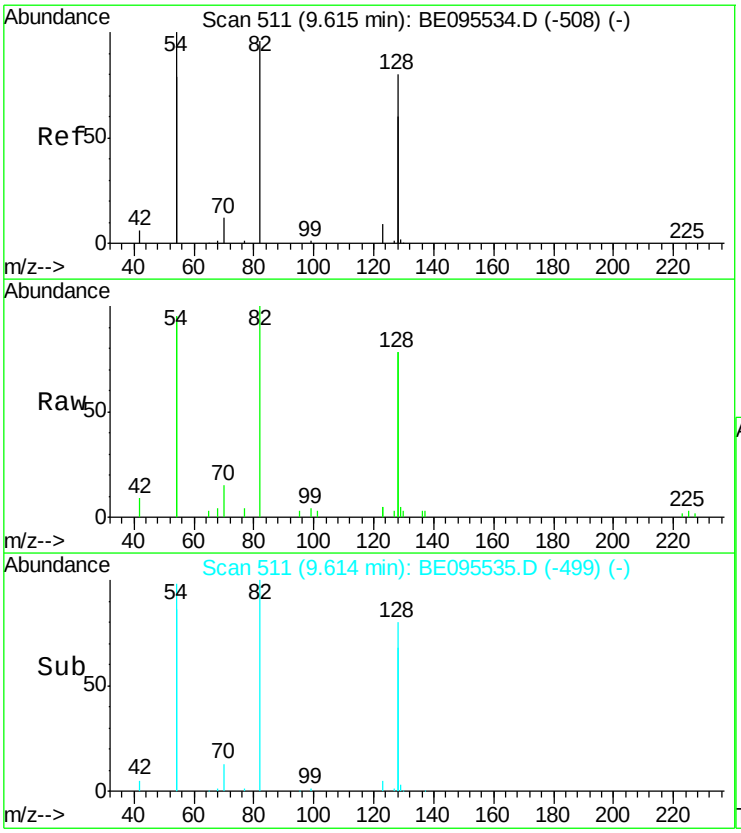
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 4157

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	25.6	29.1	43.7#
68	5.6	6.2	9.2#

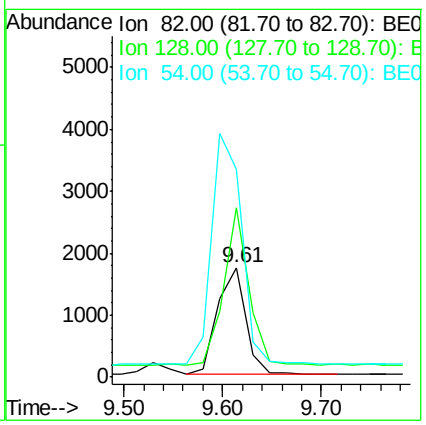


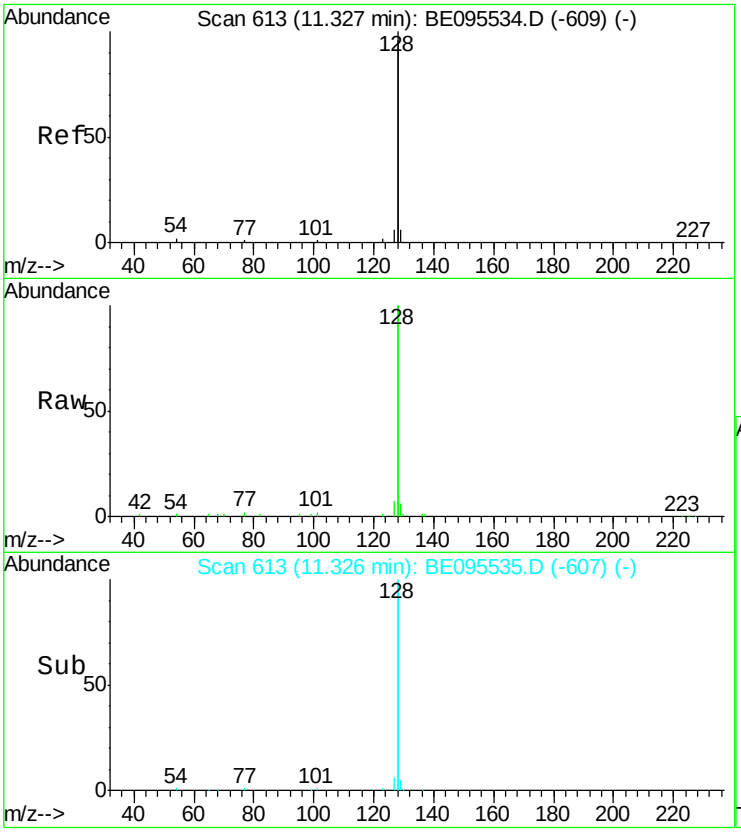


#8
Nitrobenzene-d5
Concen: 0.893 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion: 82 Resp: 3380

Ion	Ratio	Lower	Upper
82	100		
128	155.0	150.0	225.0
54	190.2	154.2	231.4



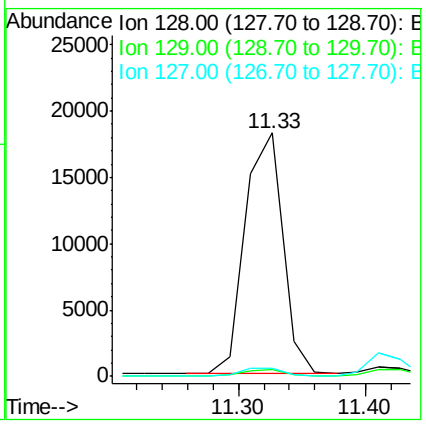


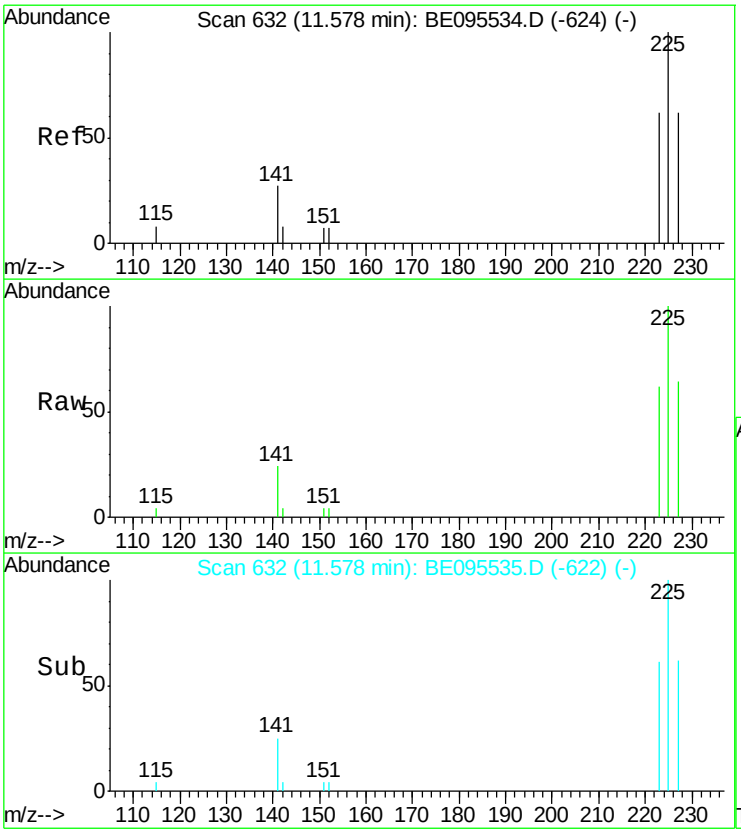
#9
Naphthalene
Concen: 0.785 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 37335

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.3	2.8	4.2

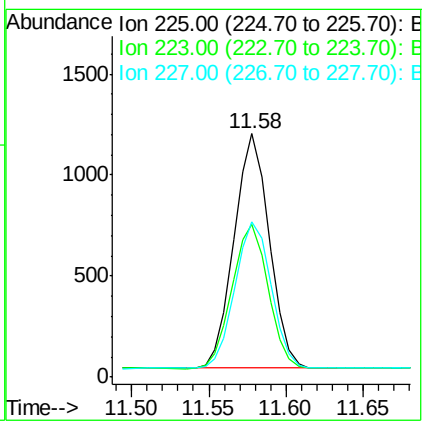


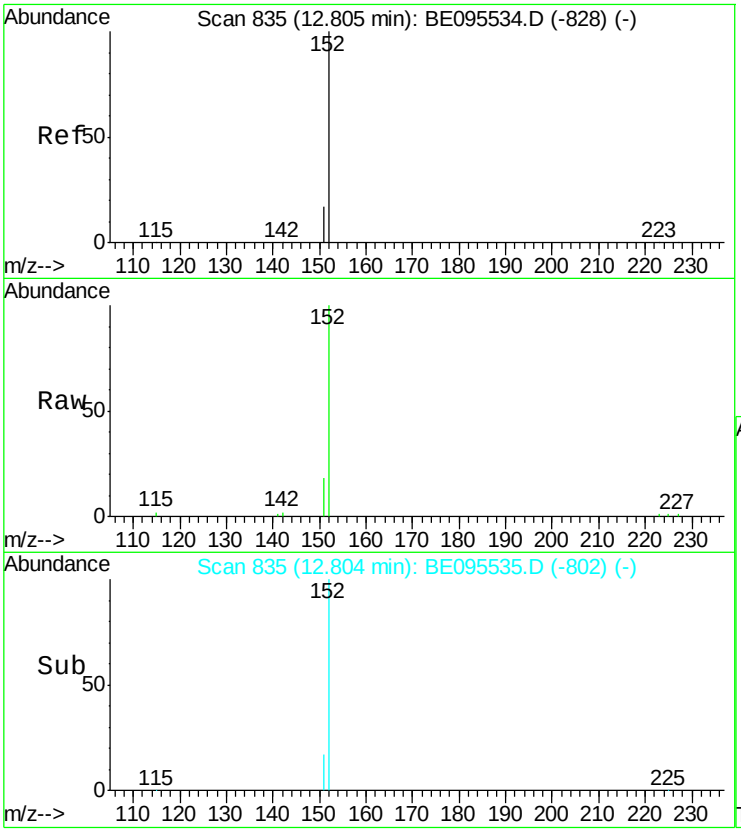


#10
Hexachlorobutadiene
Concen: 0.862 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:225 Resp: 1838

Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.0	79.6
227	64.3	51.4	77.2



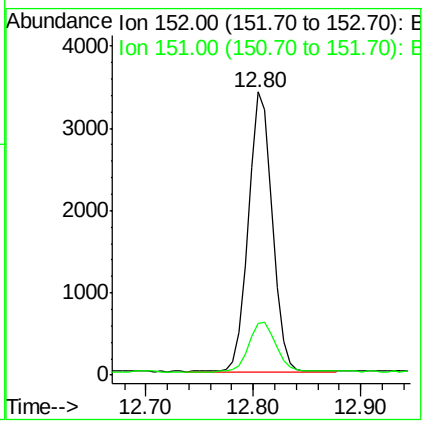


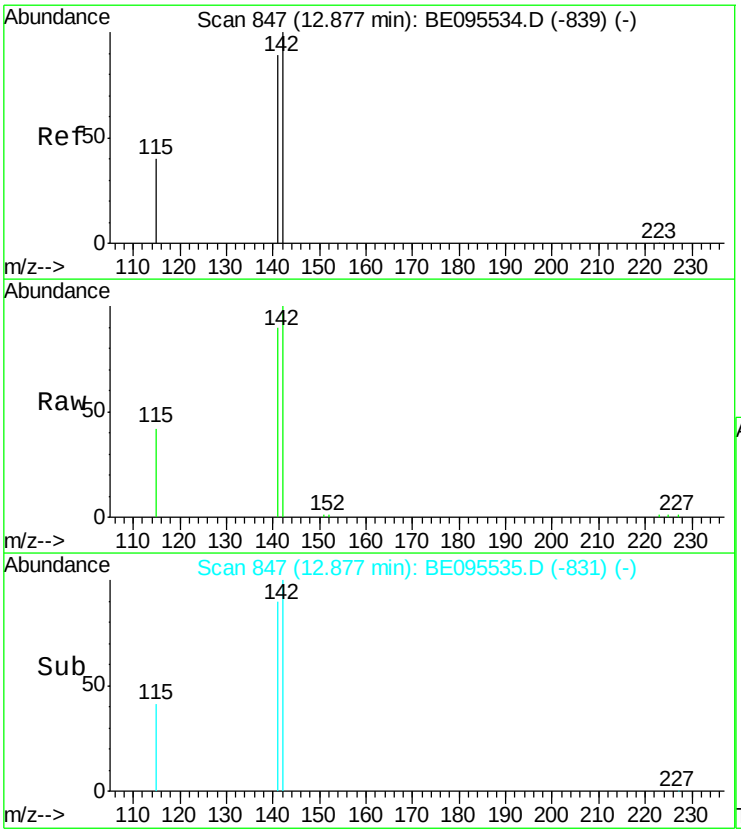
#11
2-Methylnaphthalene-d10
Concen: 0.771 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5317

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

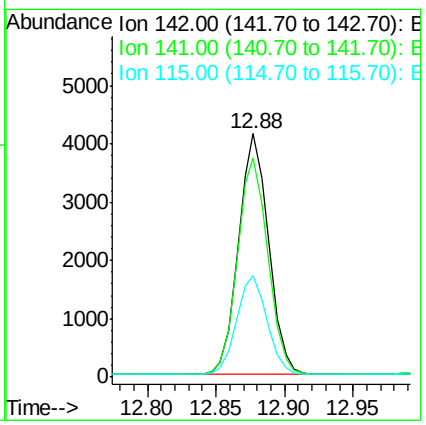


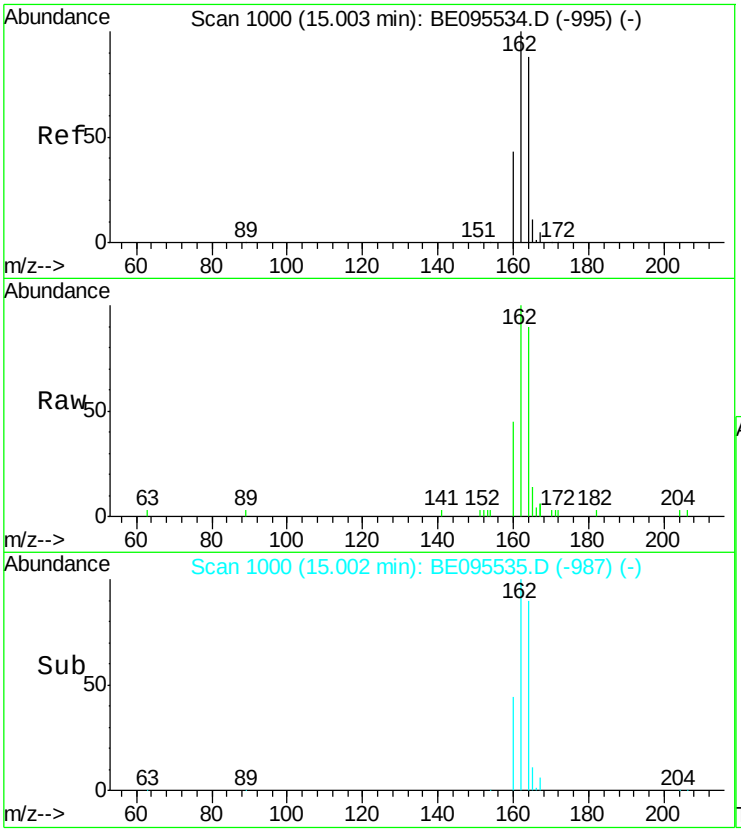


#12
2-Methylnaphthalene
Concen: 0.773 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:142 Resp: 6304

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	41.9	31.7	47.5



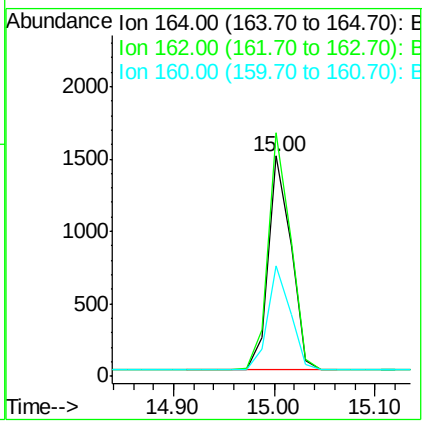


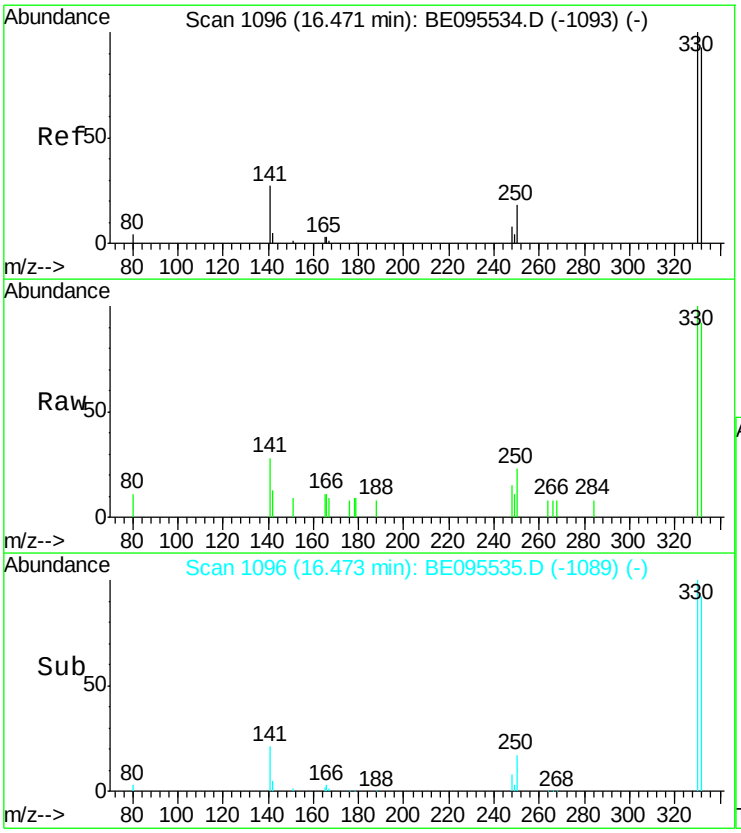
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2351

Ion	Ratio	Lower	Upper
164	100		
162	110.5	83.1	124.7
160	50.1	37.1	55.7

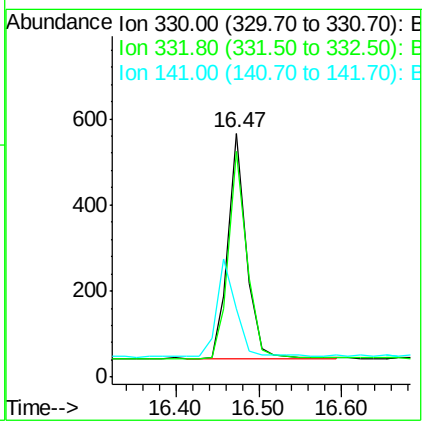


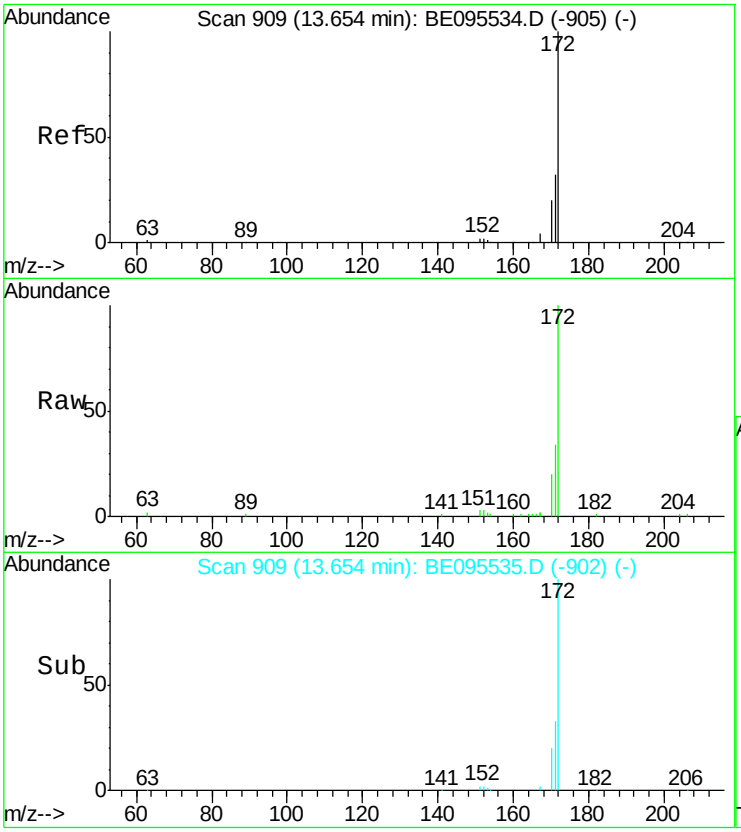


#14
2,4,6-Tribromophenol
Concen: 1.389 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:330 Resp: 792

Ion	Ratio	Lower	Upper
330	100		
332	94.3	152.7	229.1#
141	45.5	33.7	50.5



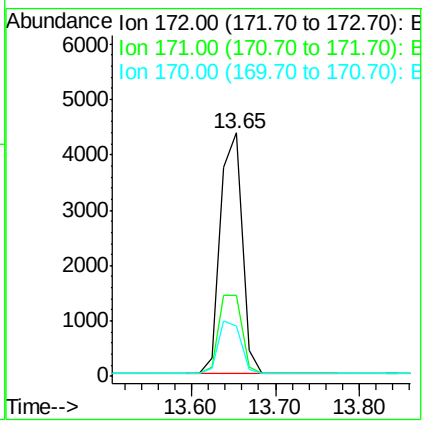


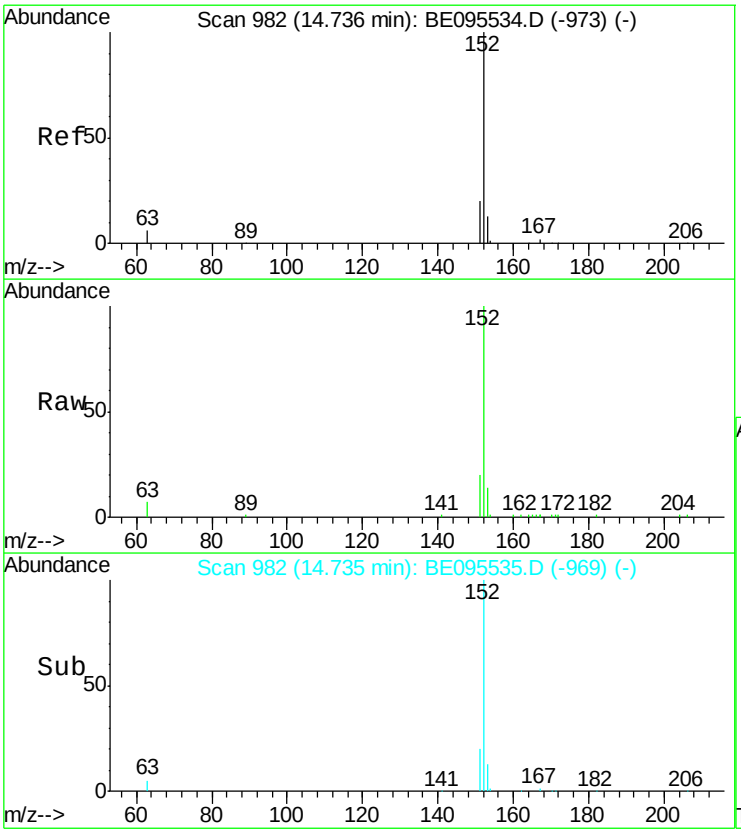
#15
2-Fluorobiphenyl
Concen: 0.763 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 7880

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	20.4	21.8	32.8#

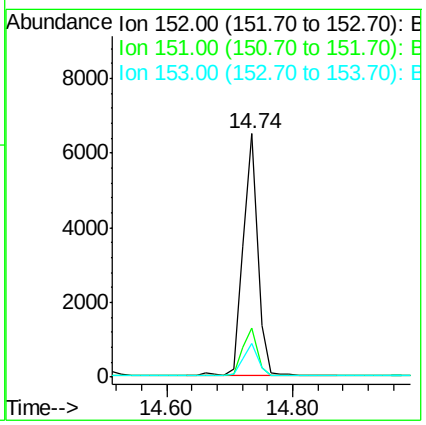


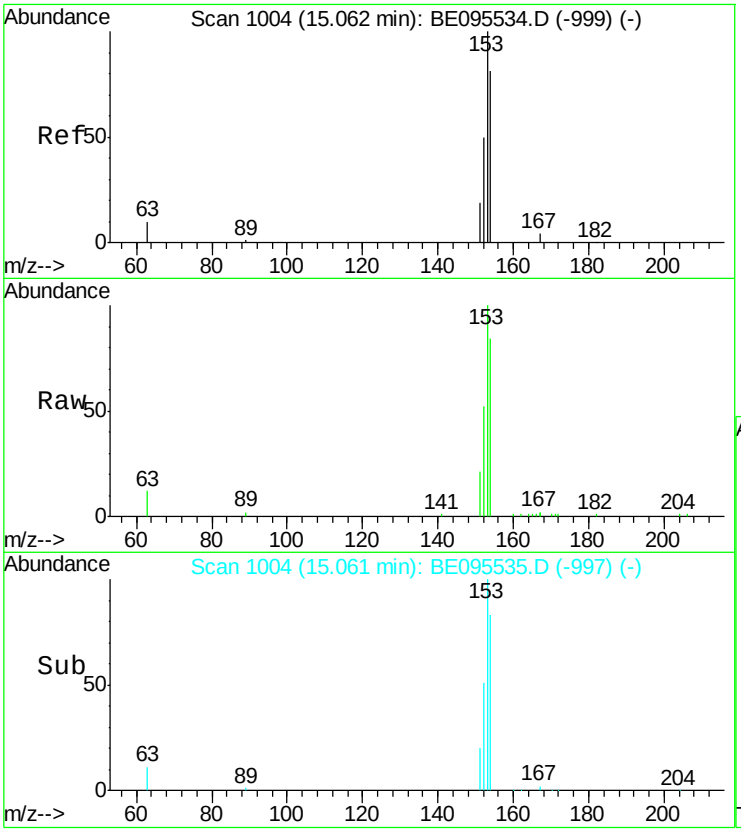


#16
Acenaphthylene
Concen: 0.825 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:152 Resp: 10387

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7



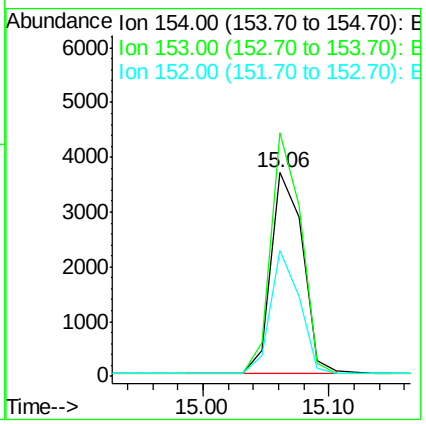


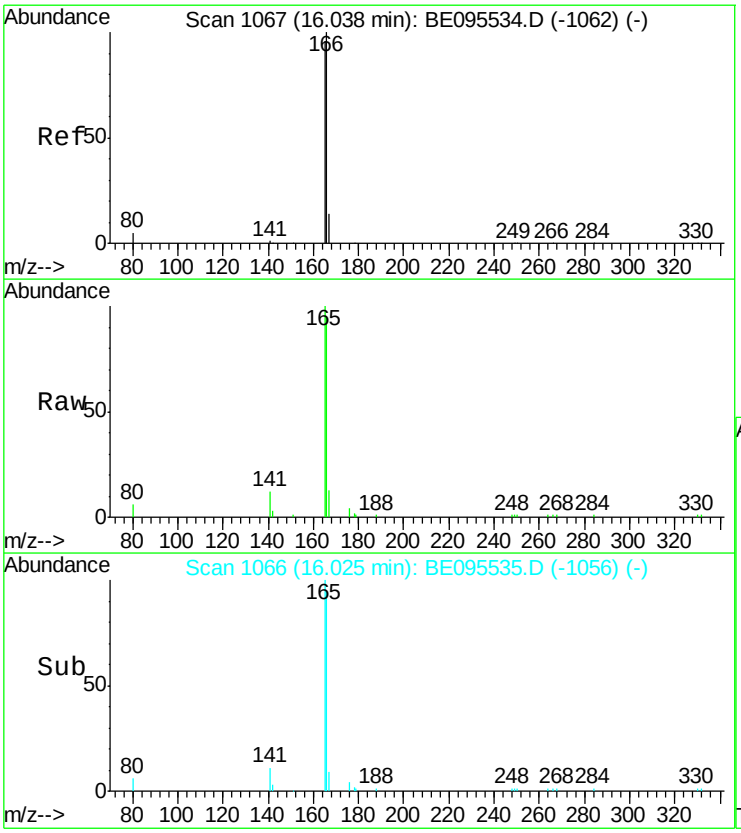
#17
Acenaphthene
Concen: 0.789 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 6462

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	56.5	42.0	63.0

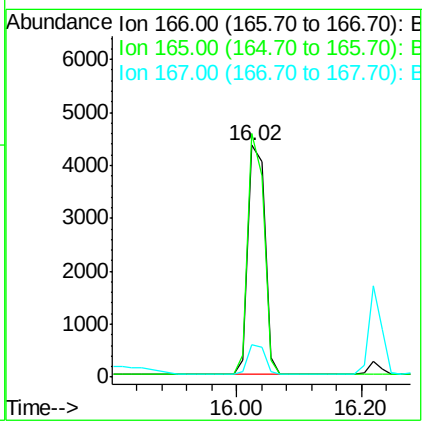


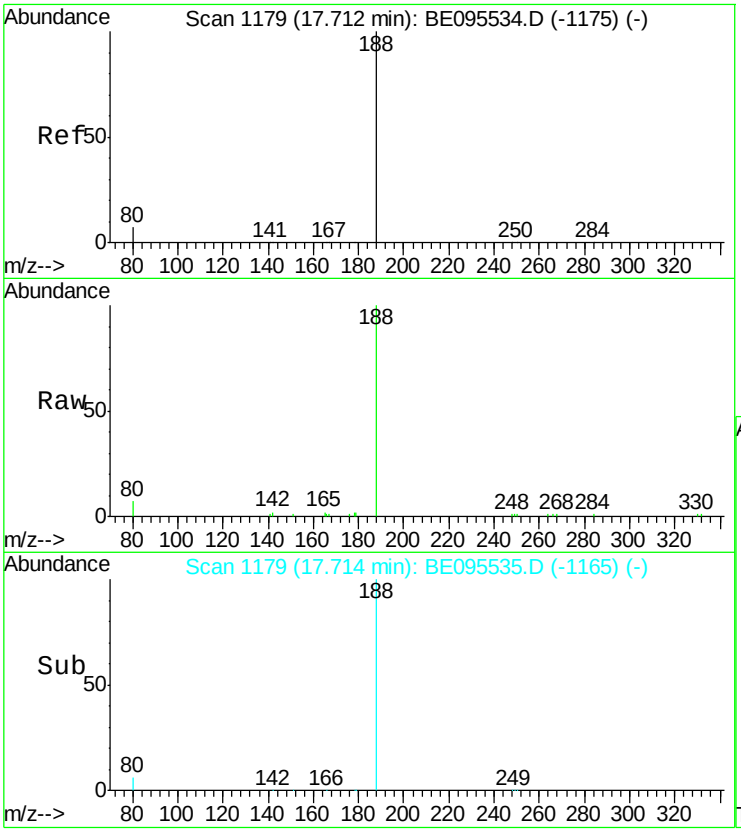


#18
Fluorene
Concen: 0.790 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:166 Resp: 8080

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	13.2	42.4	63.6#



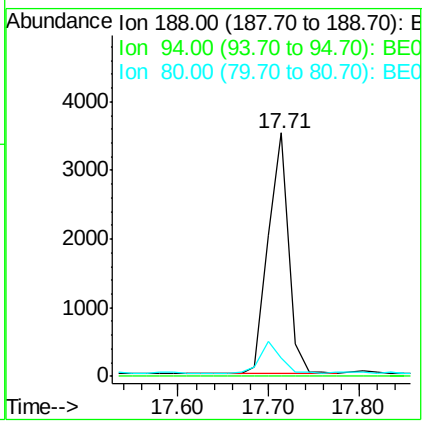


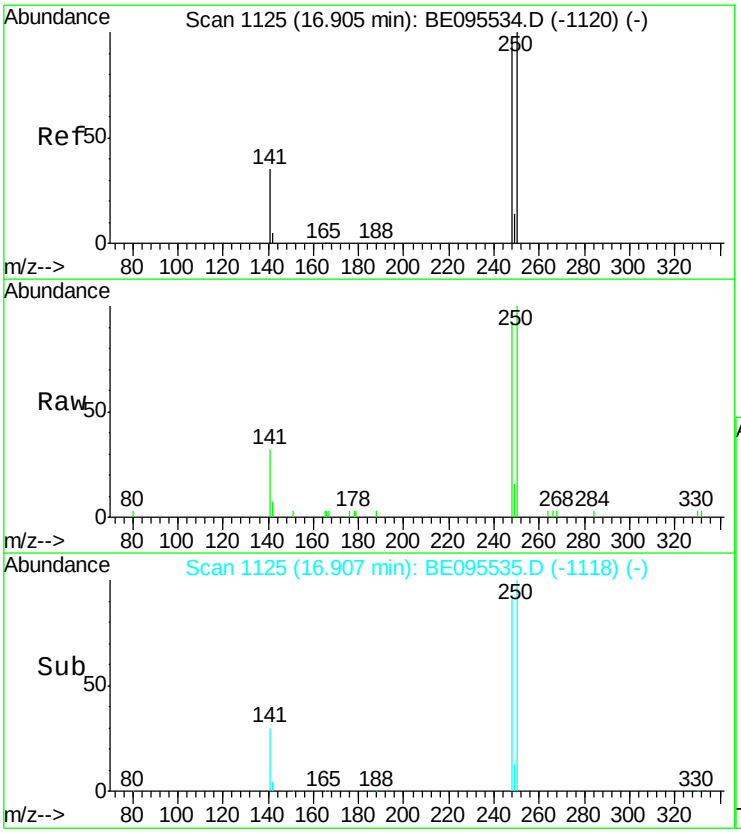
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 5441

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.4	3.6	5.4#

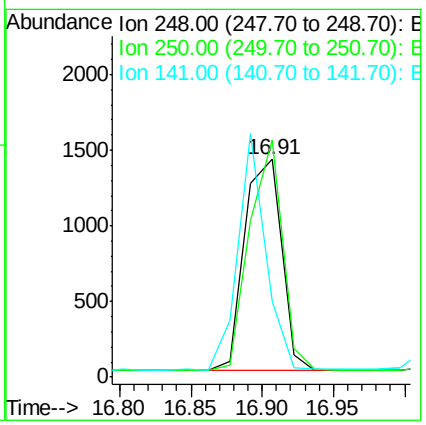


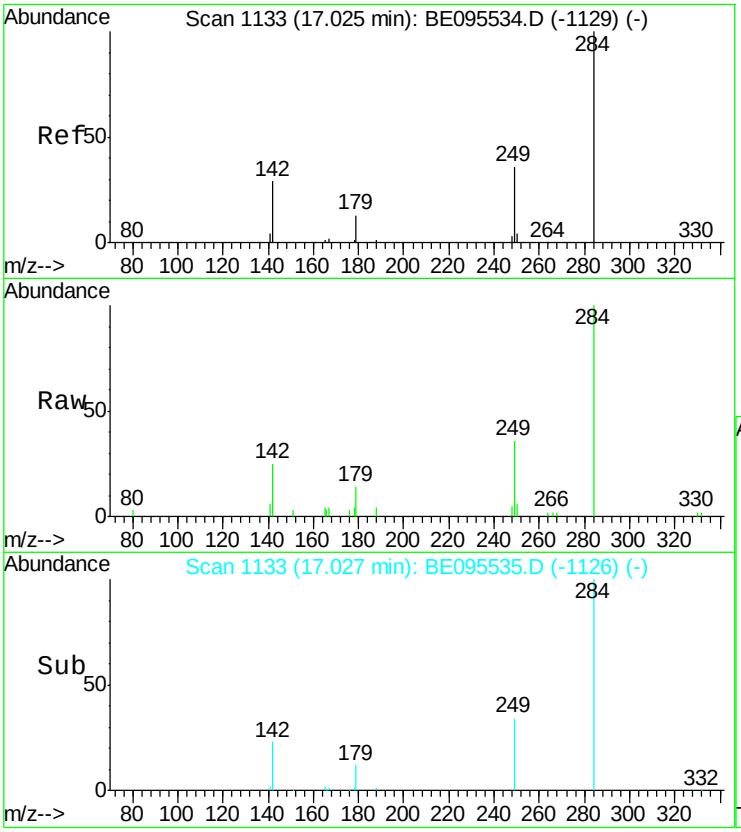


#20
4-Bromophenyl-phenylether
Concen: 0.786 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:248 Resp: 2518

Ion	Ratio	Lower	Upper
248	100		
250	109.1	62.7	94.1#
141	34.8	48.2	72.2#



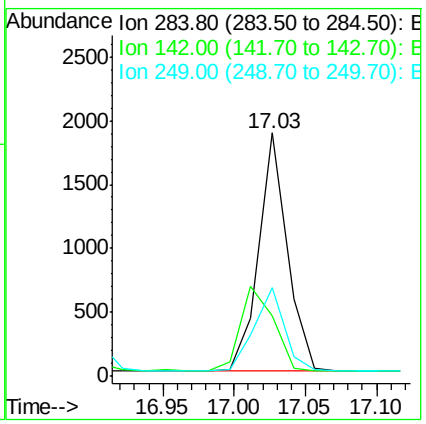


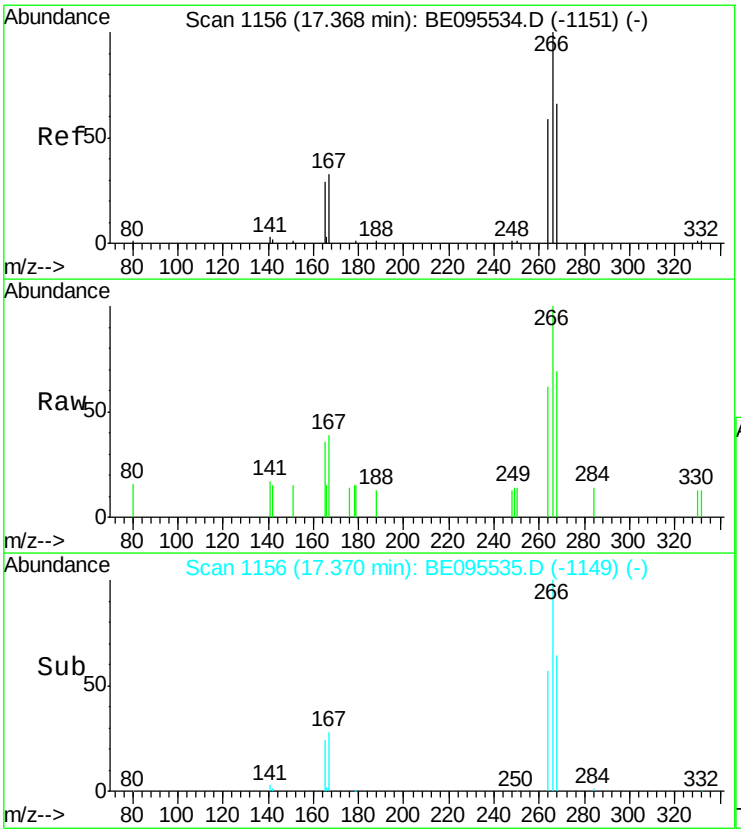
#21
Hexachlorobenzene
Concen: 0.798 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 2565

Ion	Ratio	Lower	Upper
284	100		
142	41.4	22.1	33.1#
249	36.4	34.8	52.2

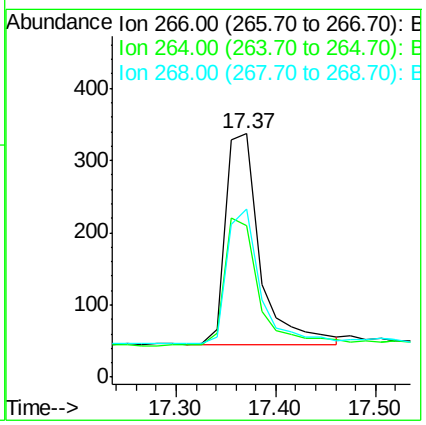


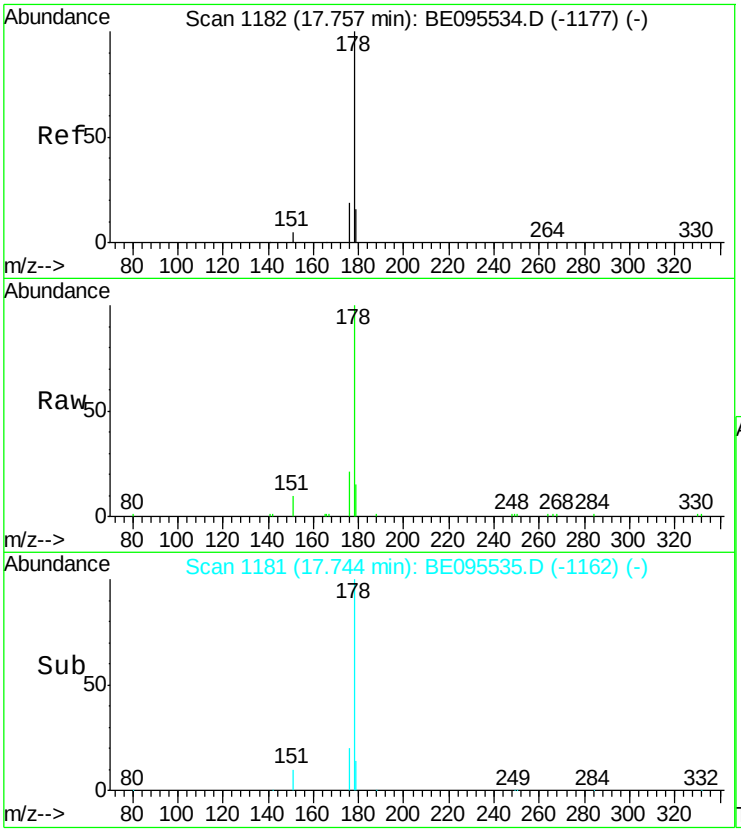


#22
Pentachlorophenol
Concen: 0.951 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:266 Resp: 708

Ion	Ratio	Lower	Upper
266	100		
264	62.3	72.5	108.7#
268	69.1	73.8	110.6#



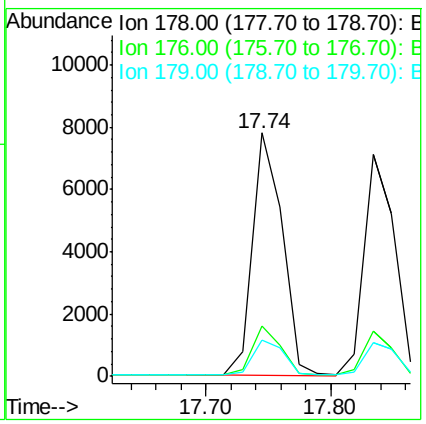


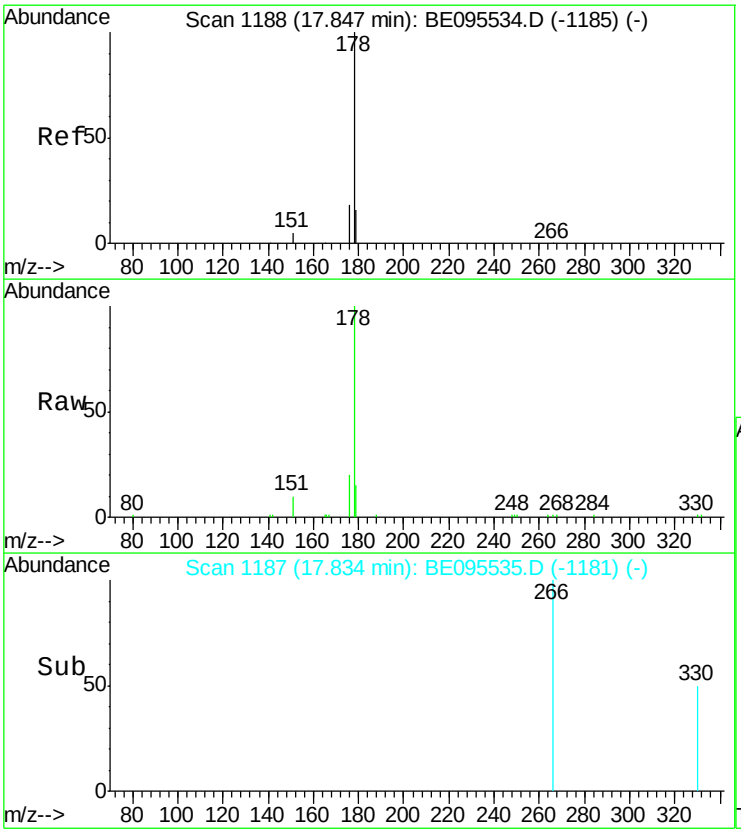
#23
Phenanthrene
Concen: 0.770 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 12939

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	14.9	11.8	17.6

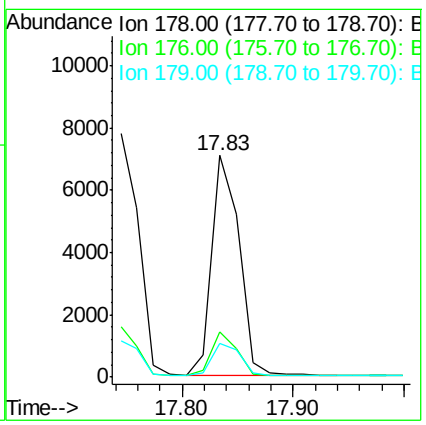


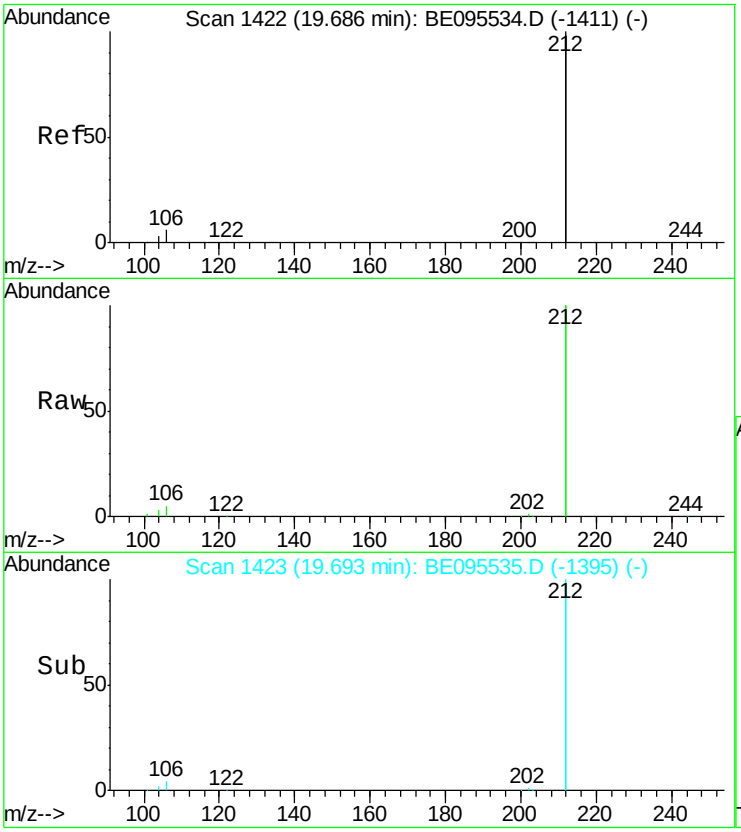


#24
Anthracene
Concen: 0.799 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:178 Resp: 11979

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.1	13.0	19.6



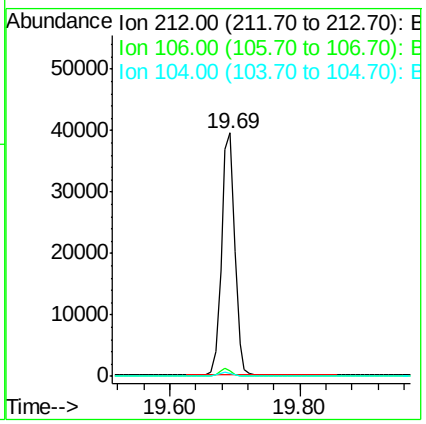


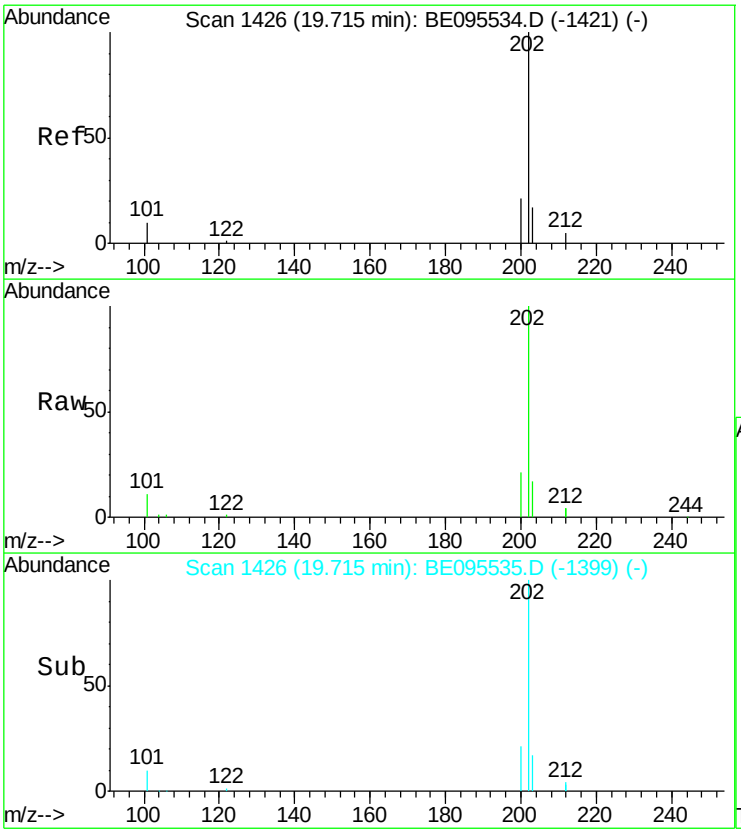
#25
Fluoranthene-d10
Concen: 0.811 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 55485

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

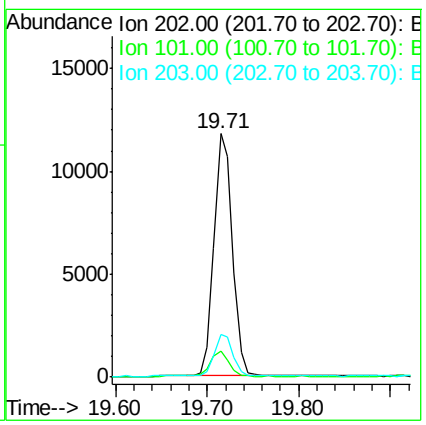


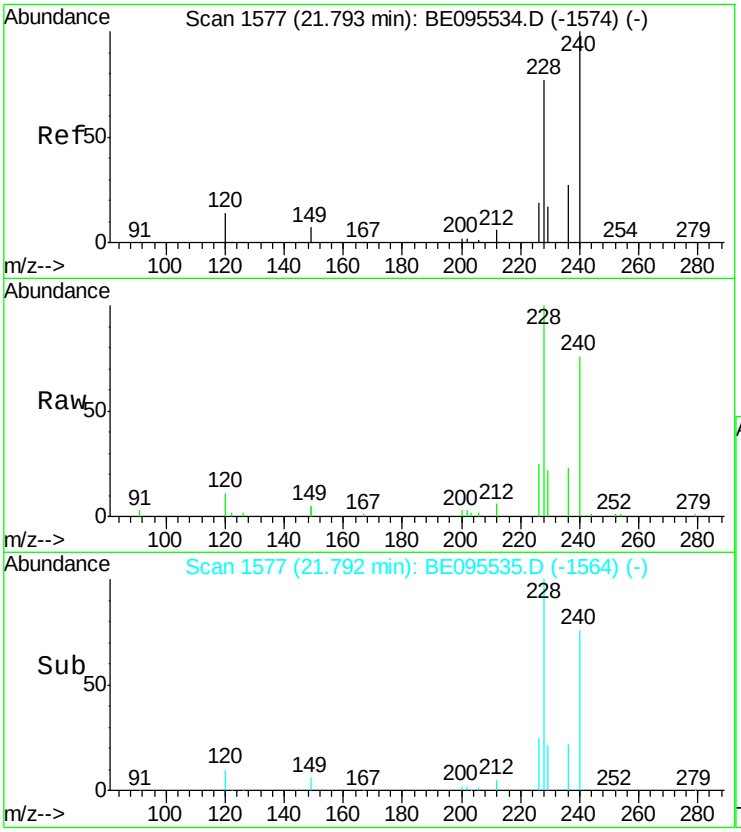


#26
Fluoranthene
Concen: 0.810 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:202 Resp: 16357

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
203	17.1	13.7	20.5



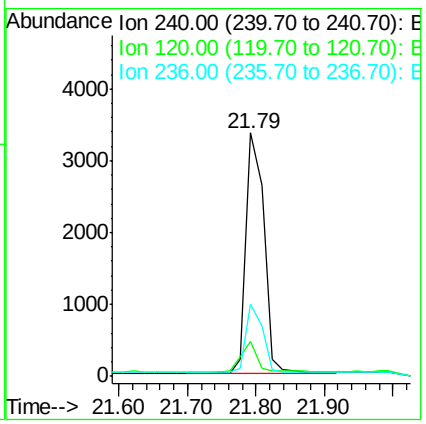


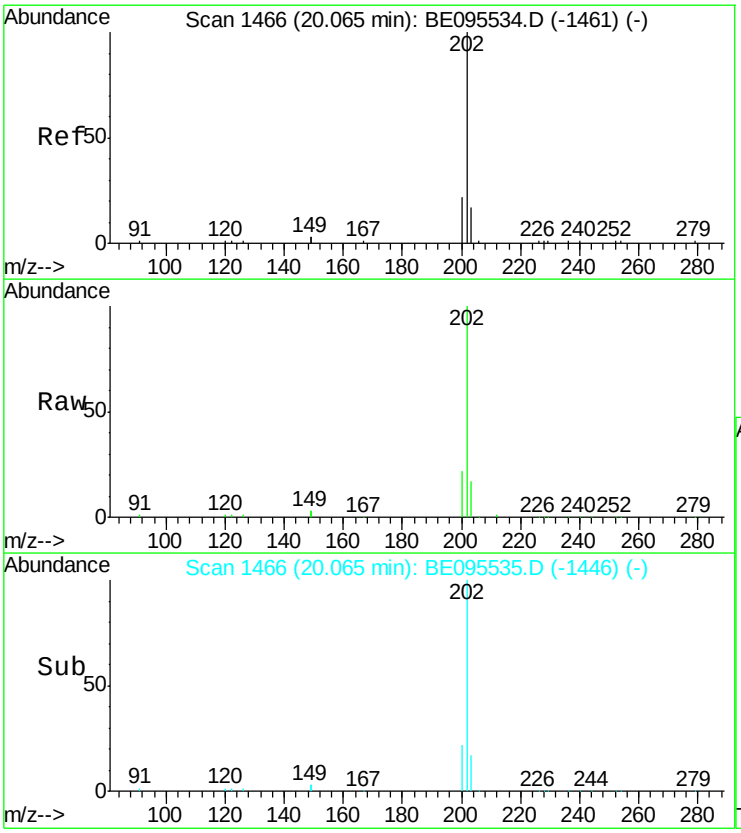
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 6038

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.5	8.3#
236	29.5	20.7	31.1

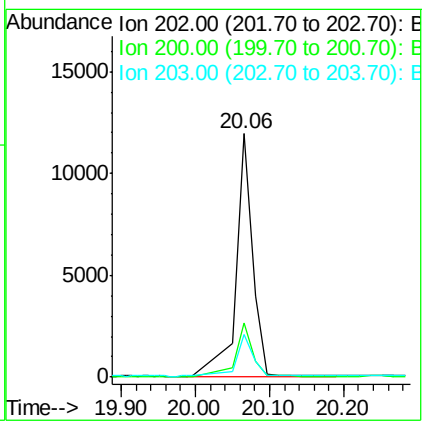


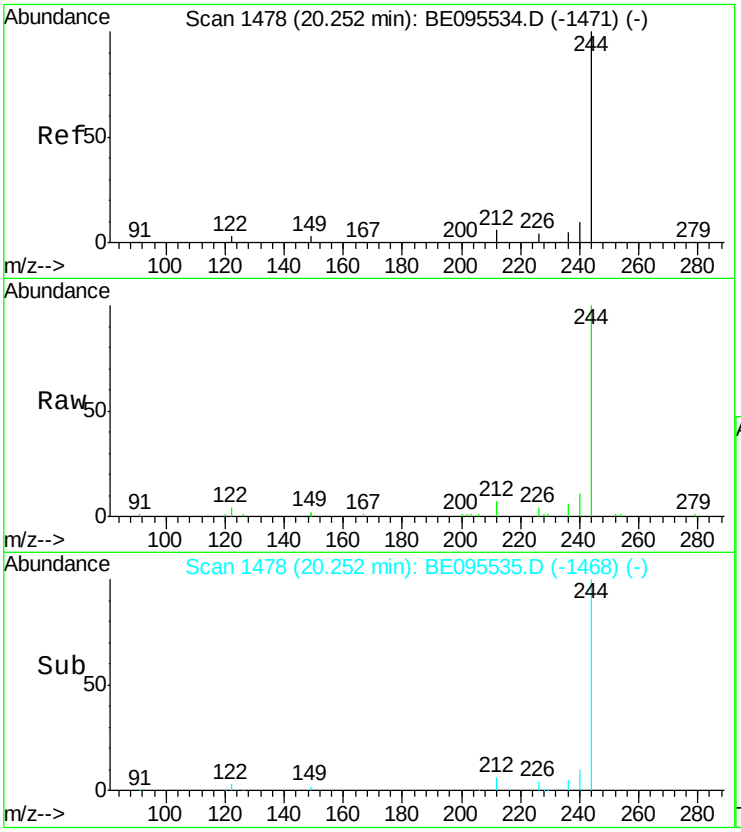


#28
Pyrene
Concen: 0.761 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:202 Resp: 19439

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.6	25.0
203	16.1	13.8	20.8



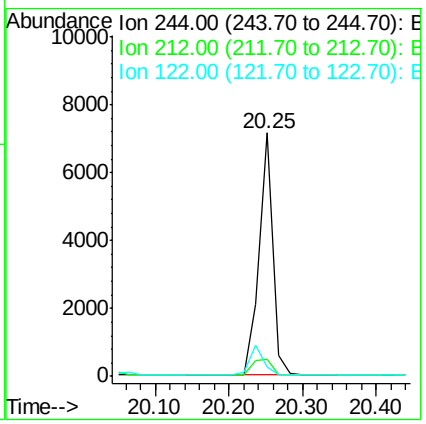


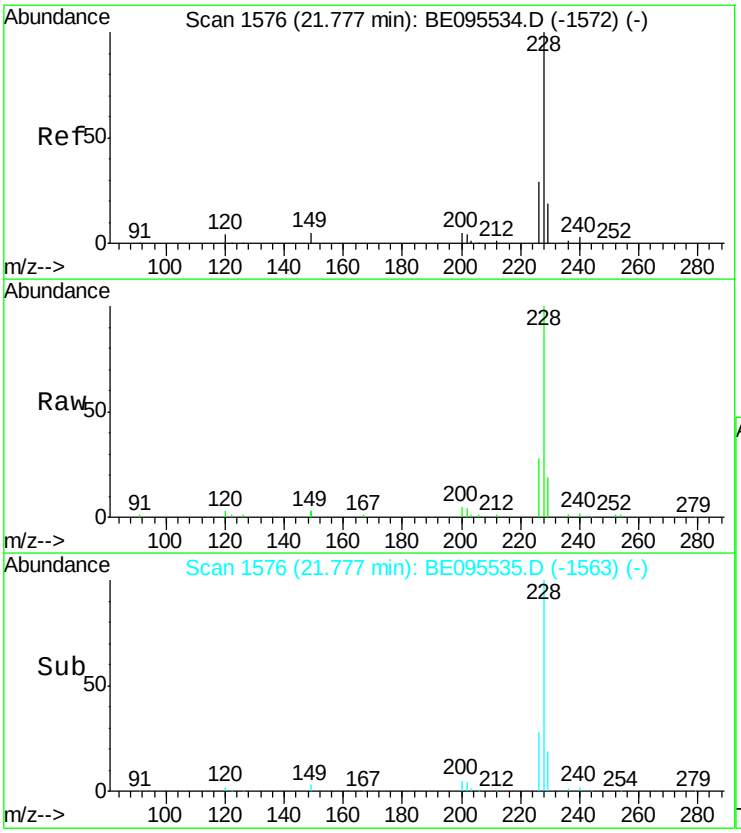
#29
Terphenyl-d14
Concen: 0.747 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 9238

Ion	Ratio	Lower	Upper
244	100		
212	7.0	25.4	38.0#
122	3.6	8.1	12.1#

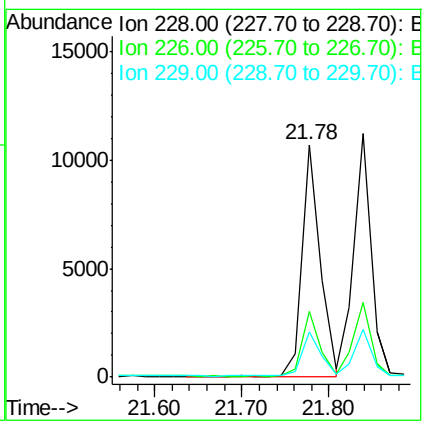


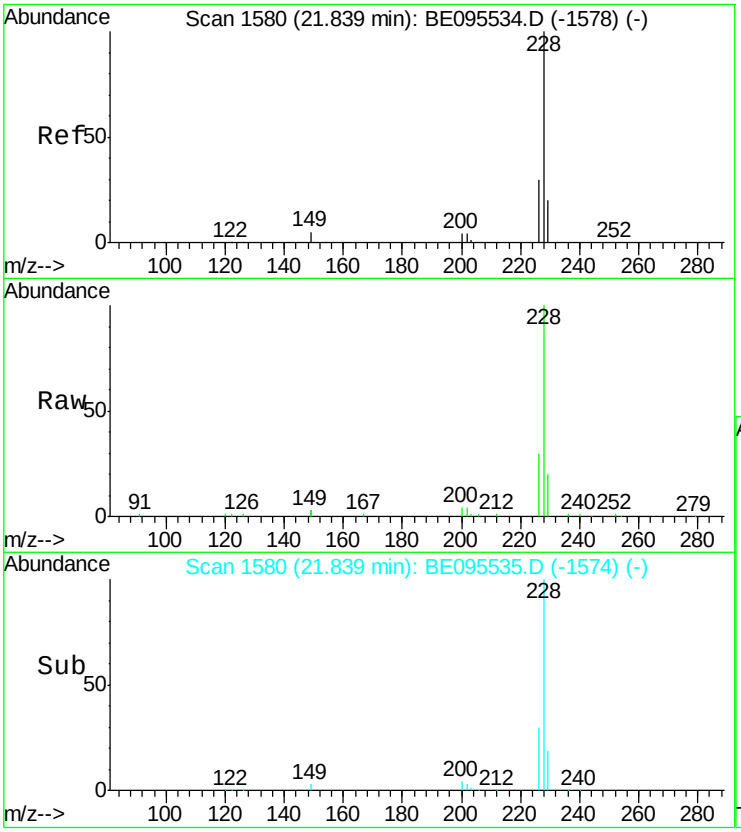


#30
Benzo(a)anthracene
Concen: 0.813 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:228 Resp: 15360

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	19.3	16.0	24.0



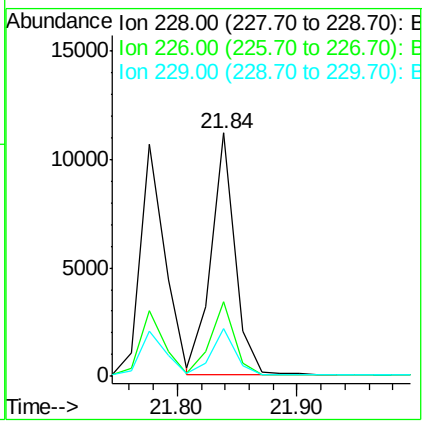


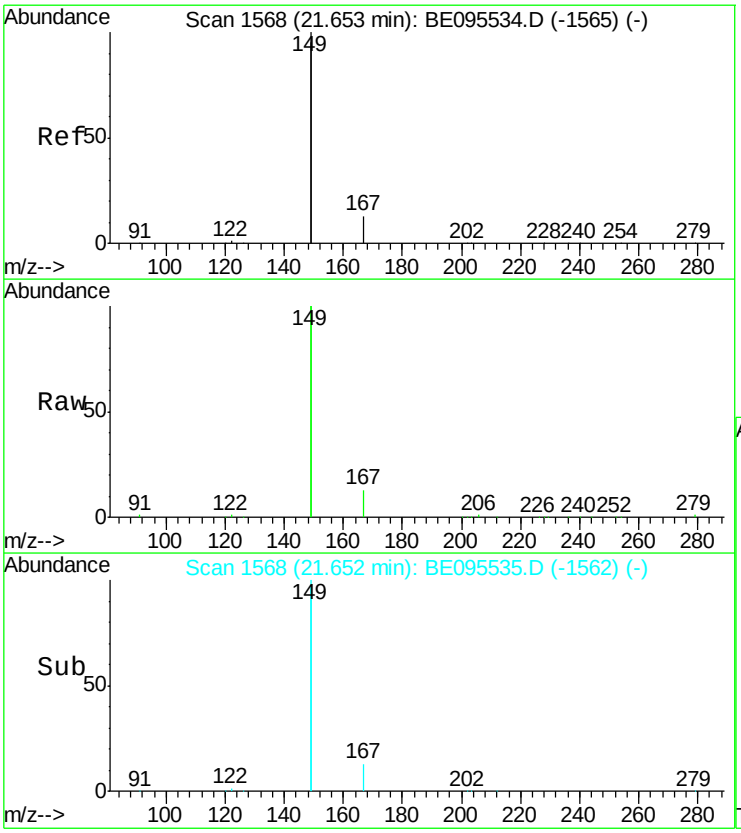
#31
Chrysene
Concen: 0.804 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 15359

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.5	16.0	24.0

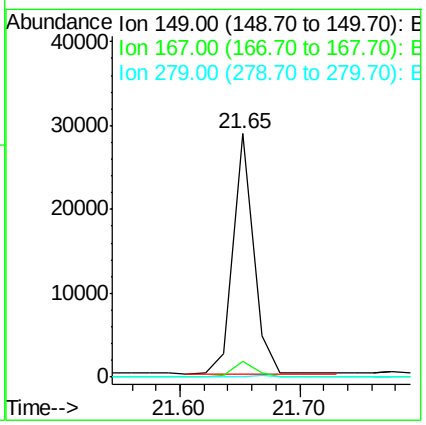


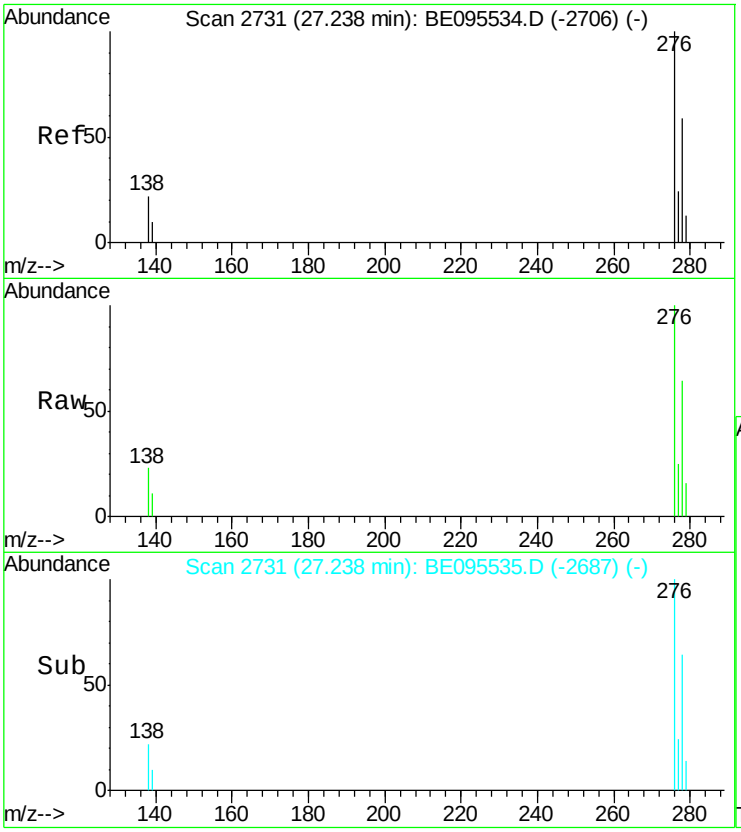


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.270 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:149 Resp: 33370

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



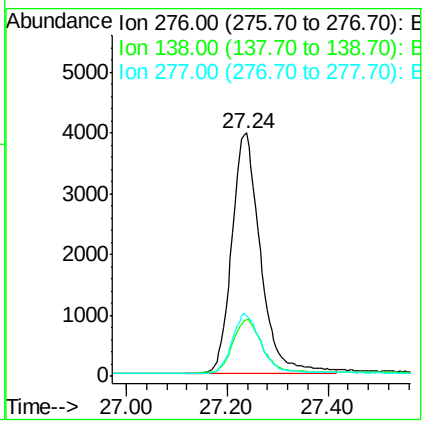


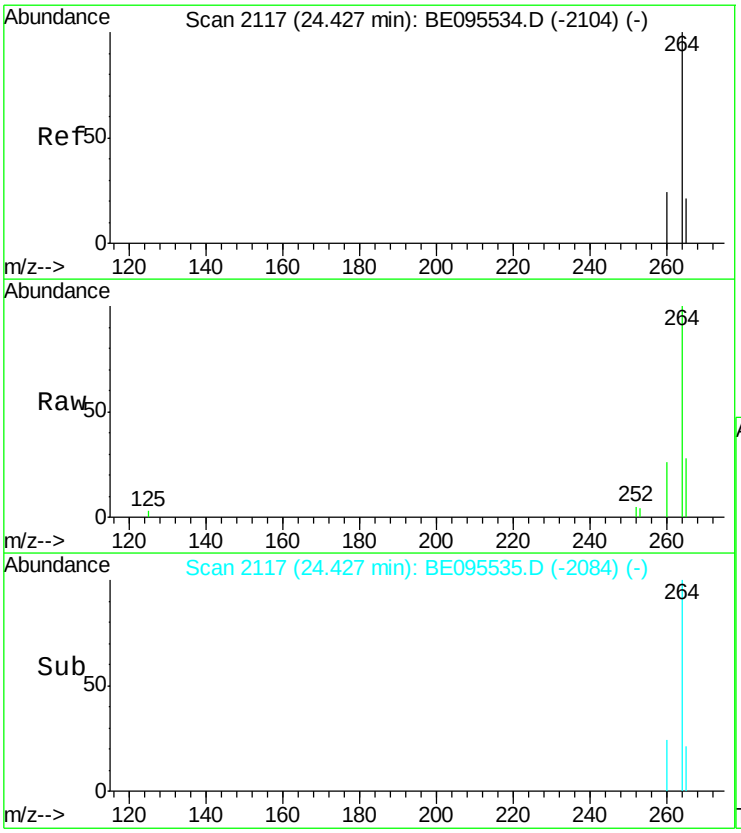
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.907 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 15751

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.5	33.7
277	24.6	19.9	29.9

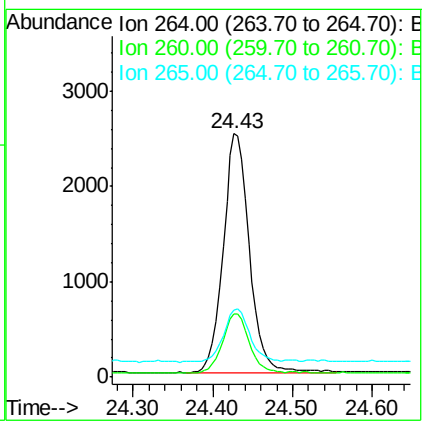


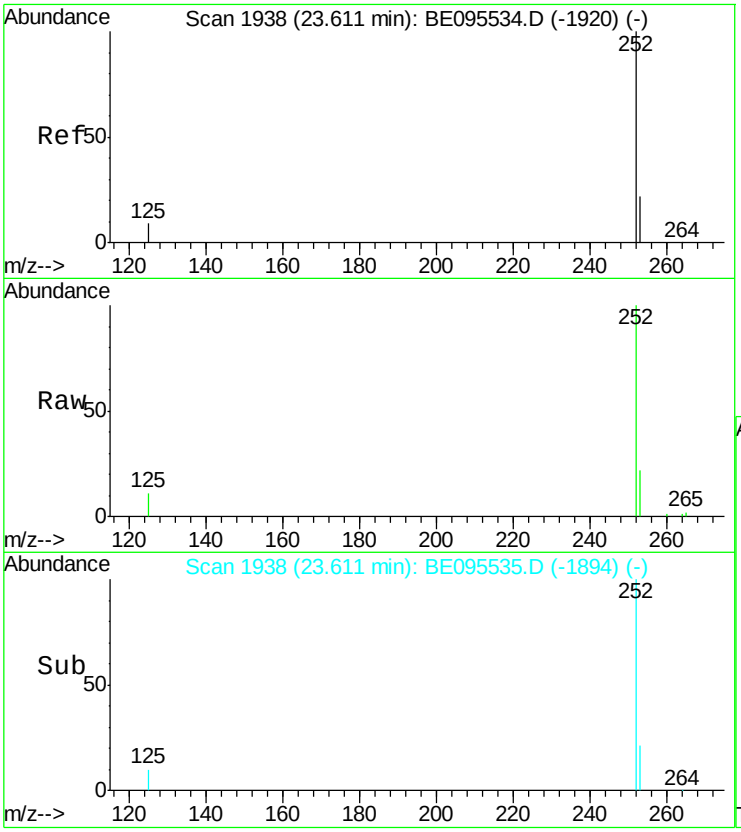


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:264 Resp: 5702

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.6	22.8	34.2



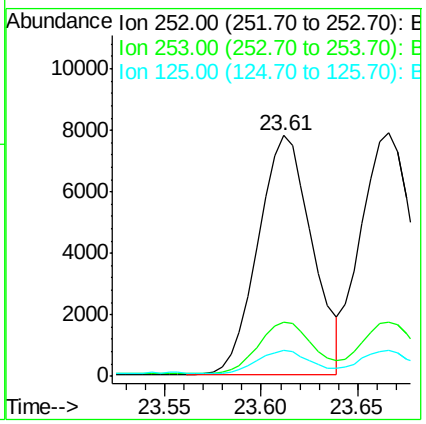


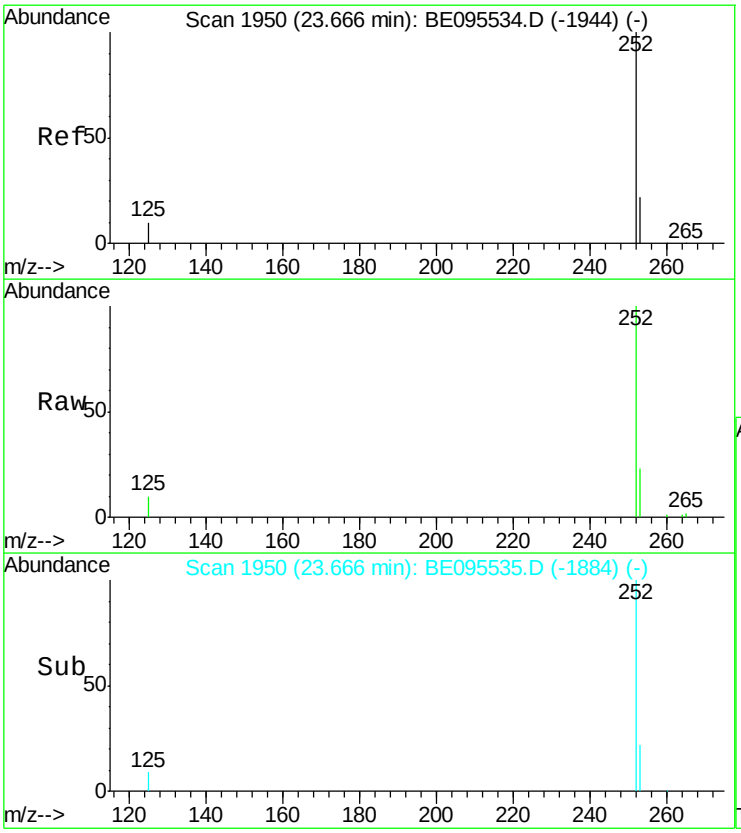
#35
Benzo(b)fluoranthene
Concen: 0.747 ng
RT: 23.61 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 15104

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	10.7	16.0	24.0#

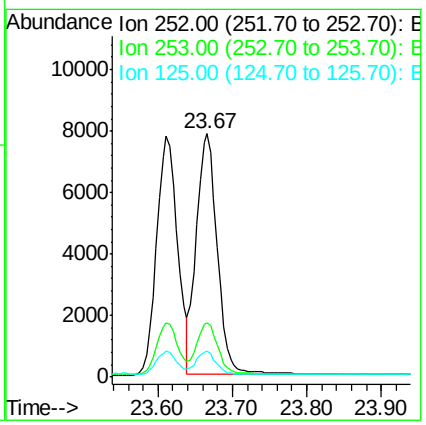


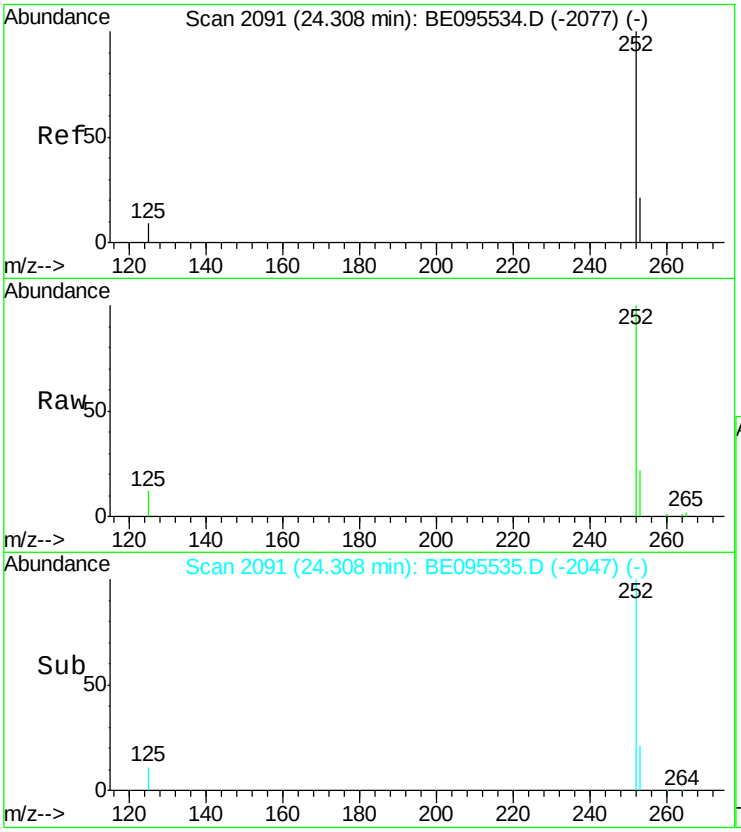


#36
Benzo(k)fluoranthene
Concen: 0.748 ng
RT: 23.67 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:252 Resp: 15479

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.0	24.0
125	10.4	8.0	12.0



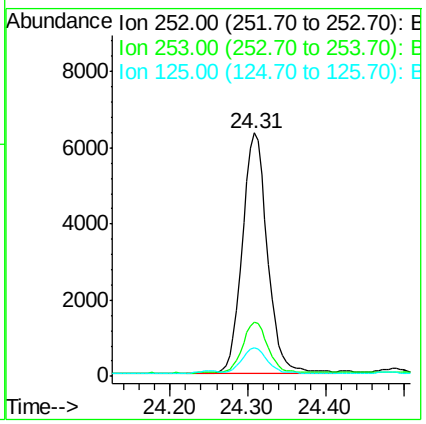


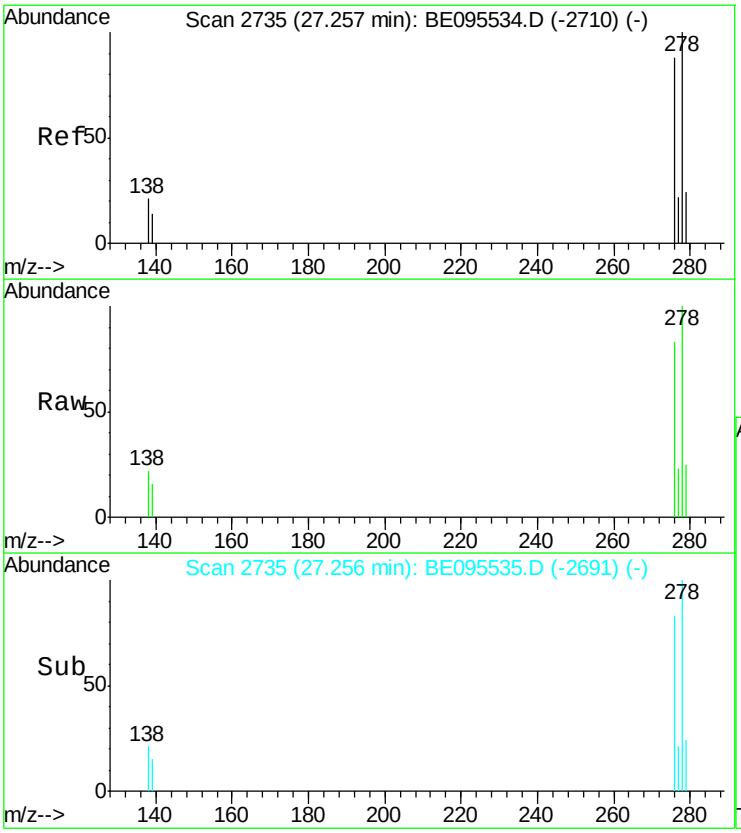
#37
Benzo(a)pyrene
Concen: 0.763 ng
RT: 24.31 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 14139

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	11.7	12.0	18.0#

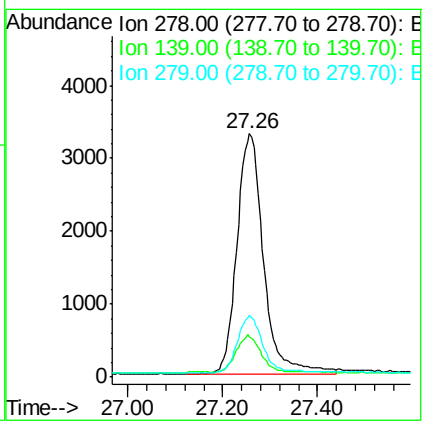


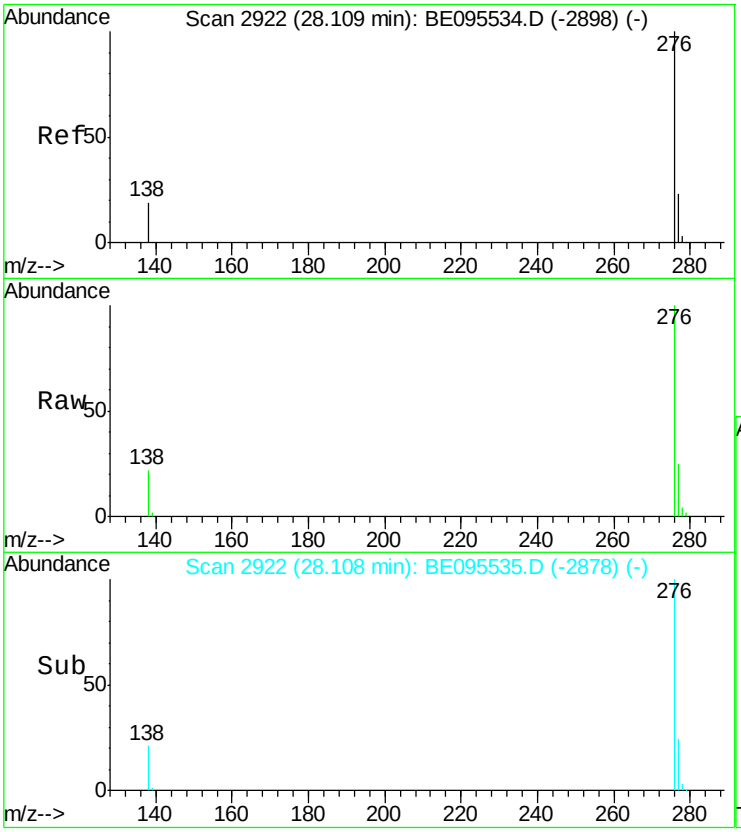


#38
Dibenzo(a,h)anthracene
Concen: 0.818 ng
RT: 27.26 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Tgt Ion:278 Resp: 12767

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.0	24.0
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.791 ng
RT: 28.11 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE095535.D
Acq: 6 Feb 2018 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 13390

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	22.2	20.0	30.0