Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
Data File : BE095542.D
Acq On : 6 Feb 2018 22:50
Operator : SJ/JU
Sample : J1301-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-180123

Quant Time: Feb 07 04:36:02 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 20:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1184	0.40	ng		0.00
7) Naphthalene-d8	11.28	136	4464	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2596	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6173	0.40	ng		0.00
27) Chrysene-d12	21.81	240	6225	0.40	ng		0.02
34) Perylene-d12	24.43	264	5689	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	585	0.16	ng		0.00
5) Phenol-d6	7.57	99	485	0.10	ng		0.00
8) Nitrobenzene-d5	9.61	82	2079	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	3229	0.44	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	452	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.65	172	5691	0.51	ng		0.00
25) Fluoranthene-d10	19.69	212	37126	0.46	ng		0.00
29) Terphenyl-d14	20.25	244	8219	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	26	0.013	ng	#	1
3) n-Nitrosodimethylamine	4.03	42	4	0.002	ng	#	1
6) bis(2-Chloroethyl)ether	7.83	93	8	0.002	ng	#	1
9) Naphthalene	11.33	128	977	0.019	ng	#	81
10) Hexachlorobutadiene	11.57	225	2	0.001	ng	#	1
12) 2-Methylnaphthalene	12.88	142	55	0.006	ng	#	65
16) Acenaphthylene	14.74	152	40	0.003	ng	#	46
17) Acenaphthene	15.06	154	12	0.001	ng	#	1
18) Fluorene	16.04	166	64	0.006	ng	#	84
20) 4-Bromophenyl-phenylether	16.89	248	9	0.002	ng	#	55
21) Hexachlorobenzene	17.03	284	7	0.002	ng	#	38
22) Pentachlorophenol	17.37	266	49	0.193	ng		95
23) Phenanthrene	17.74	178	389	0.021	ng		98
24) Anthracene	17.83	178	74	0.004	ng	#	68
26) Fluoranthene	19.72	202	273	0.011	ng	#	87
28) Pyrene	20.07	202	220	0.008	ng	#	85
30) Benzo(a)anthracene	21.78	228	142	0.007	ng	#	39
31) Chrysene	21.84	228	120	0.006	ng	#	45
32) Bis(2-ethylhexyl)phthalate	21.65	149	5724	0.120	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	90	0.005	ng	#	72
35) Benzo(b)fluoranthene	23.61	252	115	0.006	ng	#	1
36) Benzo(k)fluoranthene	23.67	252	75	0.004	ng	#	1
37) Benzo(a)pyrene	24.31	252	56	0.003	ng	#	1
38) Dibenzo(a,h)anthracene	27.26	278	92	0.006	ng	#	1
39) Benzo(g,h,i)perylene	28.10	276	24	0.001	ng	#	1

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

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Acq On : 6 Feb 2018 22:50
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Sample : J1301-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Quant Time: Feb 07 04:36:02 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
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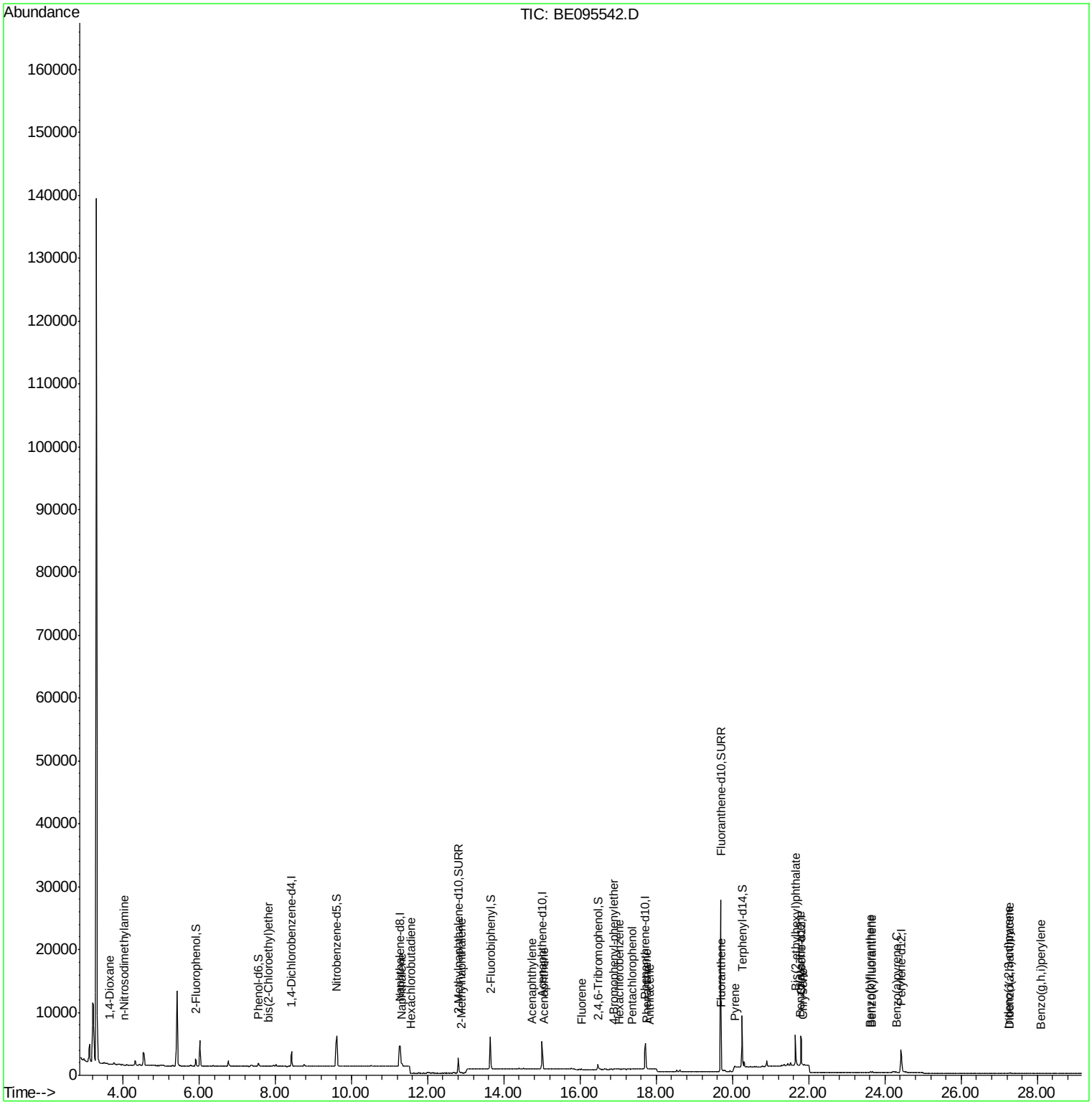
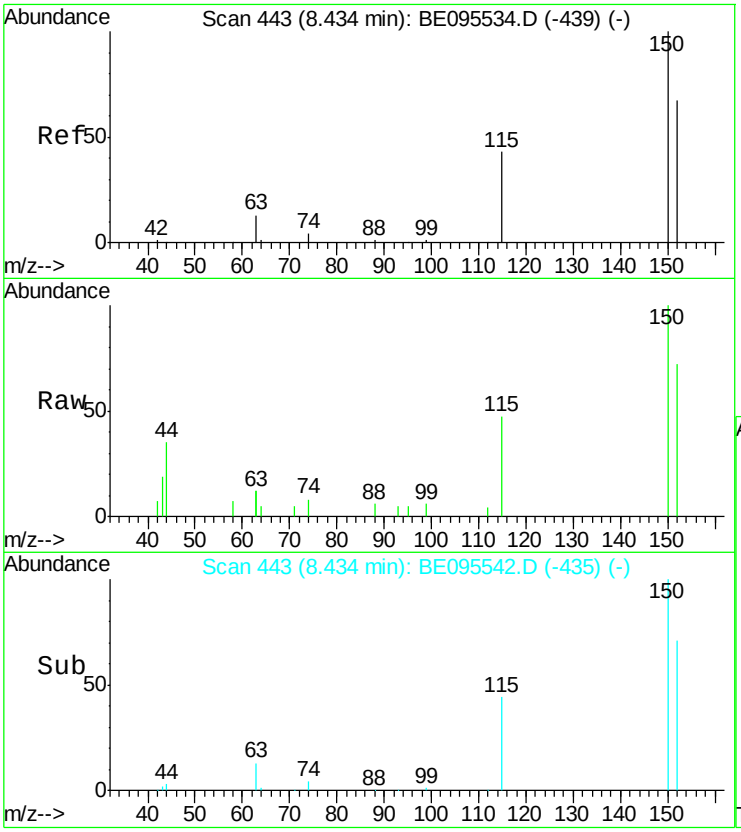


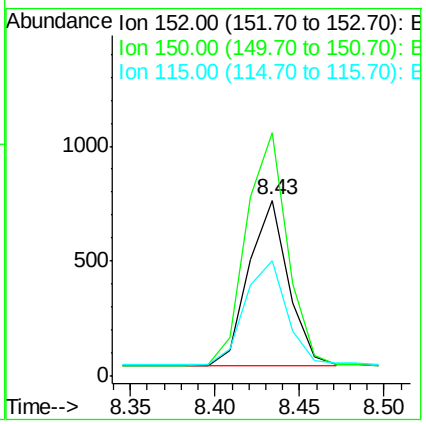


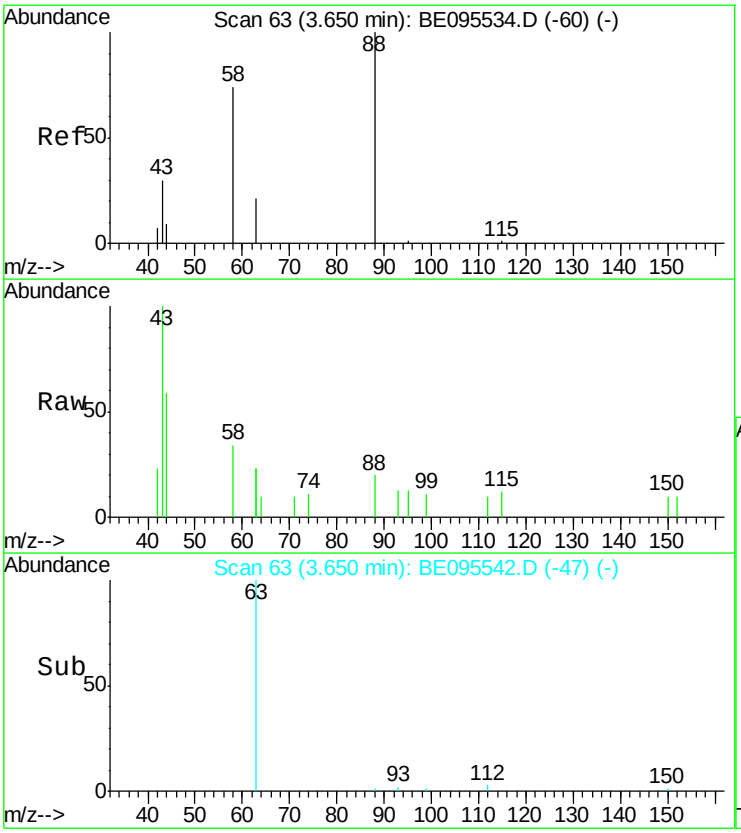
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:152 Resp: 1184

Ion	Ratio	Lower	Upper
152	100		
150	138.5	117.2	175.8
115	65.4	57.0	85.6

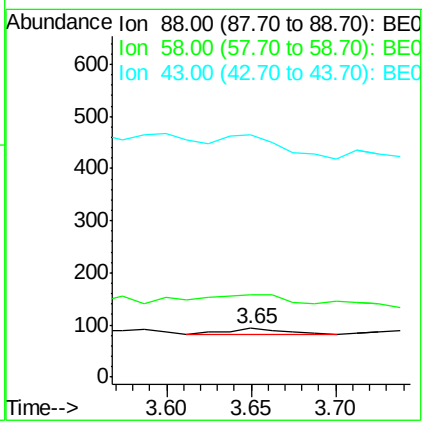


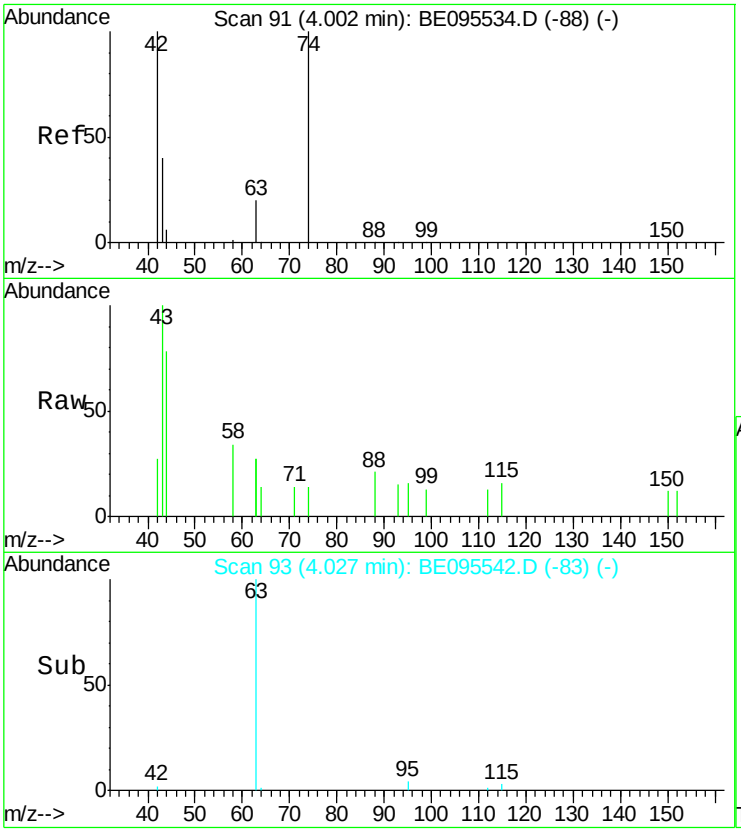


#2
1,4-Dioxane
Concen: 0.013 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	361.5	63.2	94.8#
43	0.0	41.2	61.8#



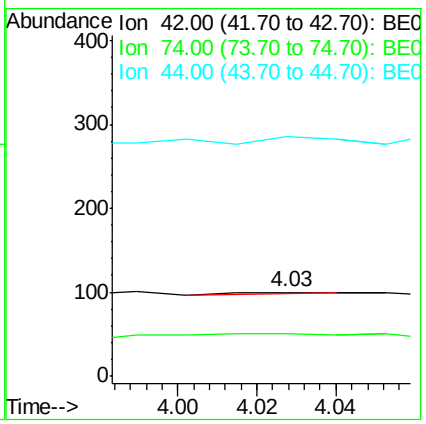


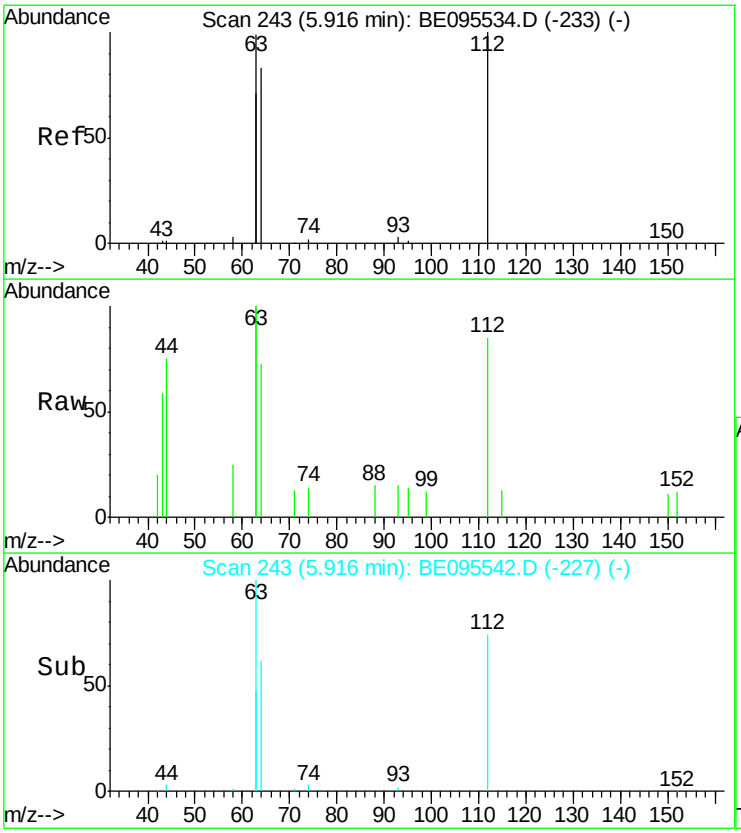
#3
n-Nitrosodimethylamine
Concen: 0.002 ng
RT: 4.03 min Scan# 93
Delta R.T. 0.02 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion: 42 Resp: 4

Ion	Ratio	Lower	Upper
42	100		
74	350.0	96.0	144.0#
44	325.0	12.0	18.0#

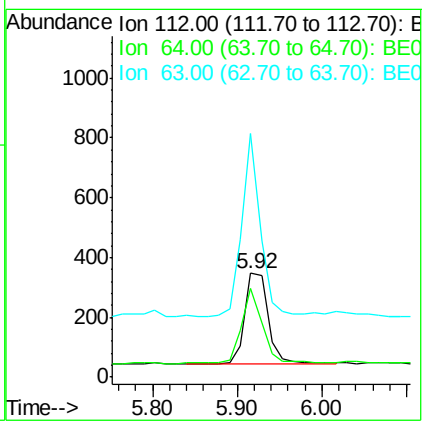


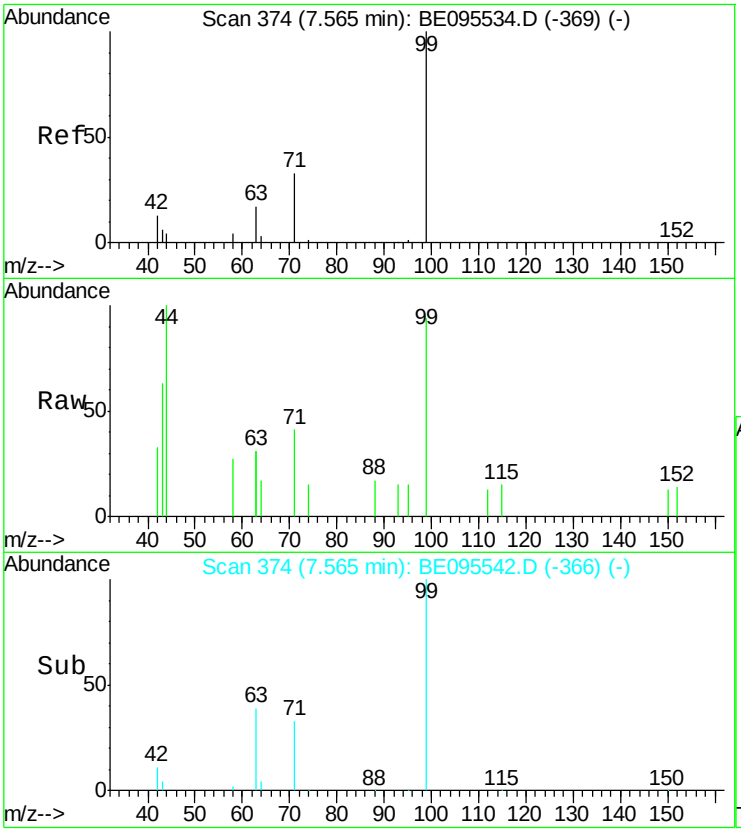


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:112 Resp: 585

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	157.8	116.8	175.2



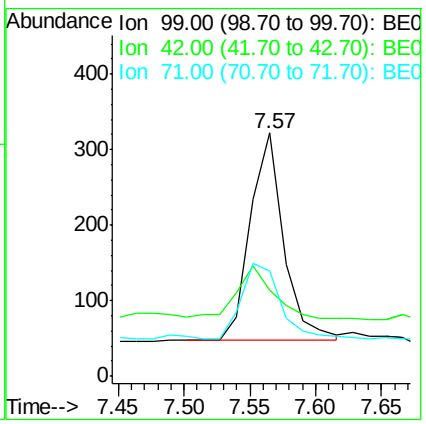


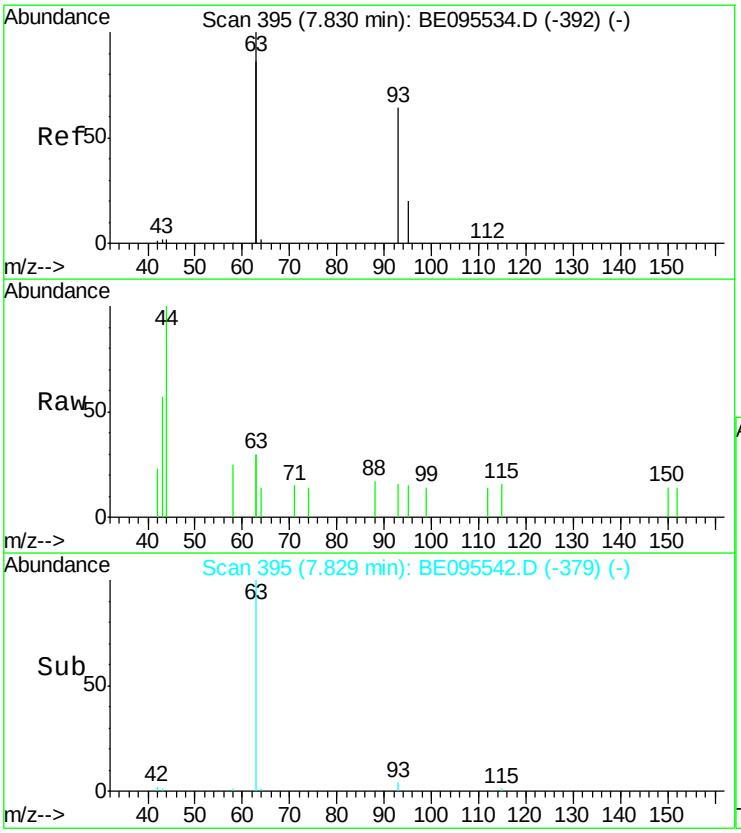
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.57 min Scan# 374
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion: 99 Resp: 485

Ion	Ratio	Lower	Upper
99	100		
42	26.4	20.2	30.2
71	42.9	28.4	42.6#

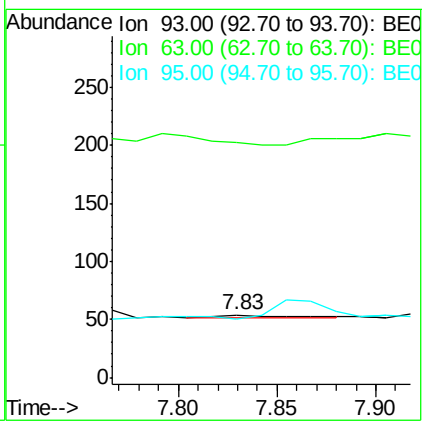


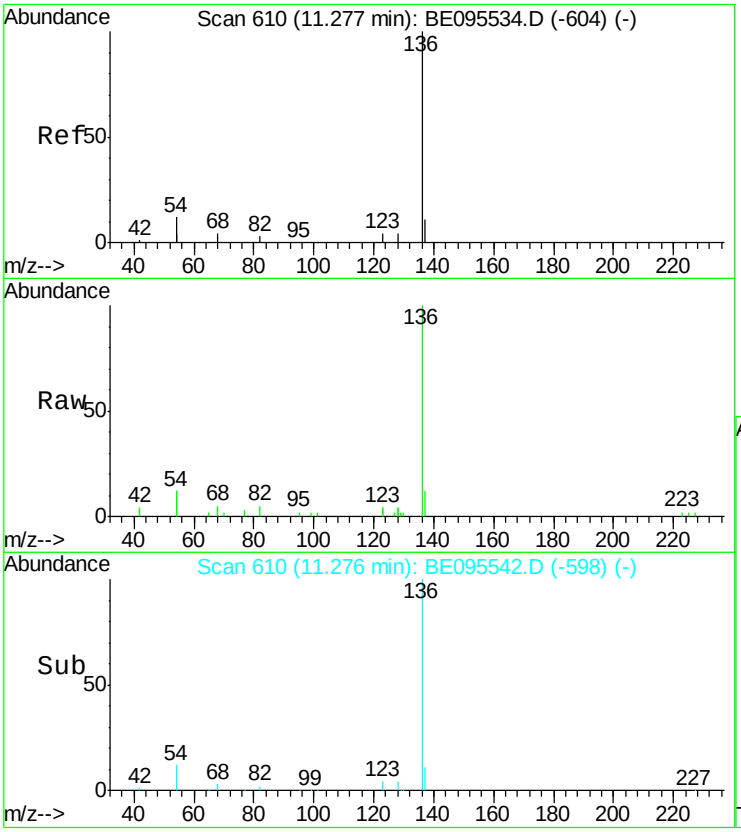


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



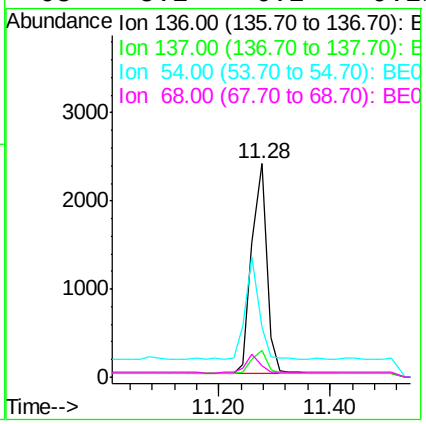


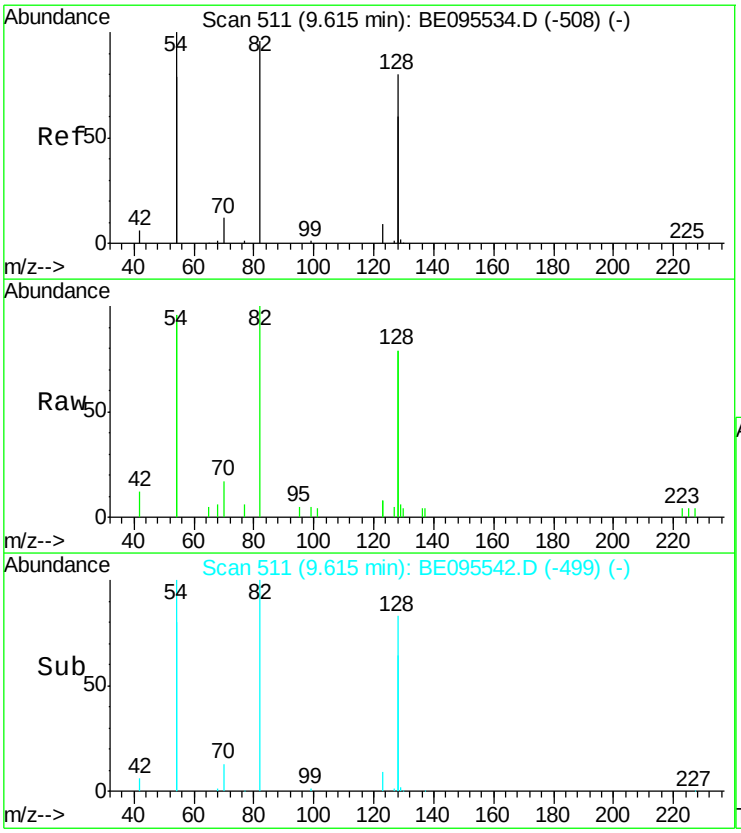
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:136 Resp: 4464

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	23.4	29.1	43.7#
68	5.2	6.2	9.2#

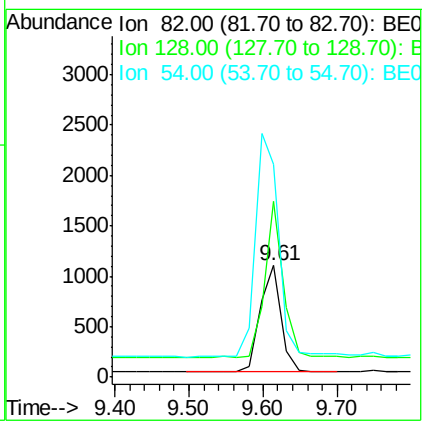


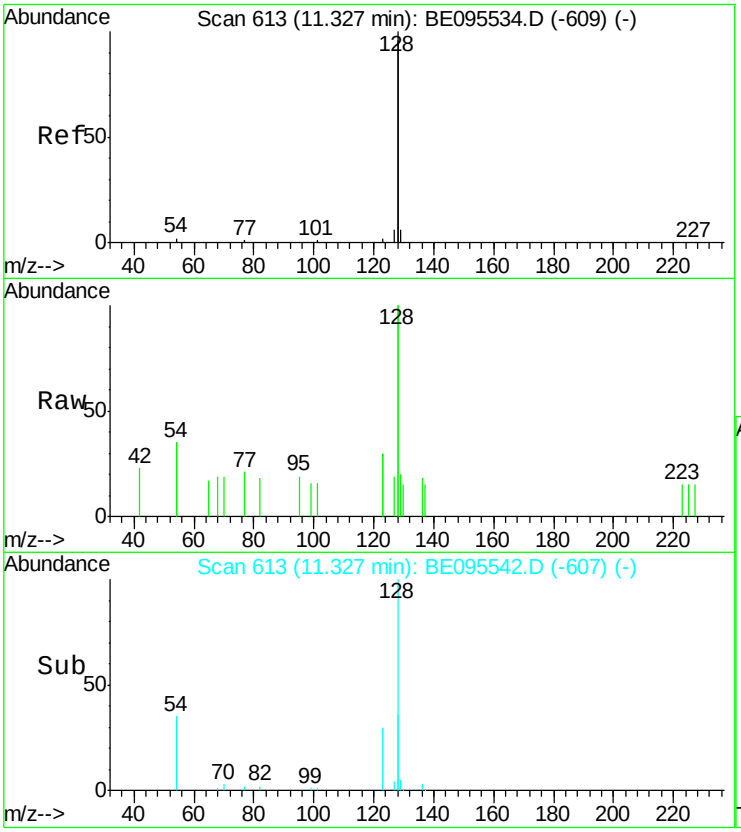


#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 9.61 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion: 82 Resp: 2079

Ion	Ratio	Lower	Upper
82	100		
128	157.7	150.0	225.0
54	191.1	154.2	231.4



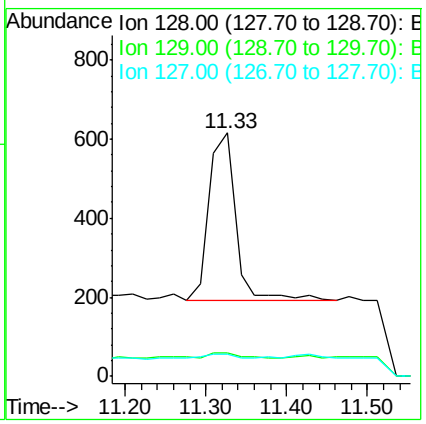


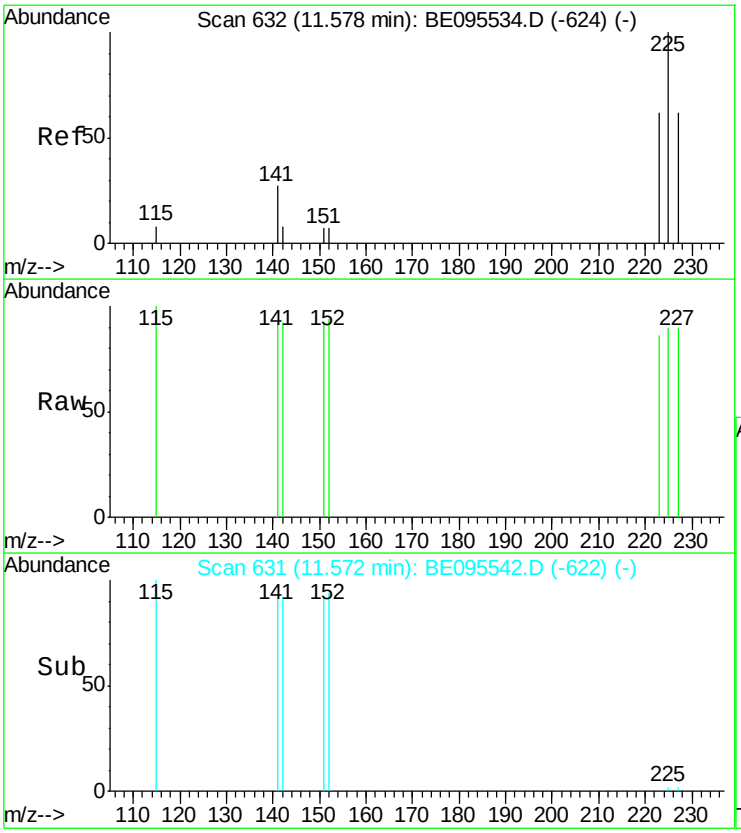
#9
Naphthalene
Concen: 0.019 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:128 Resp: 977

Ion	Ratio	Lower	Upper
128	100		
129	9.9	2.6	3.8#
127	9.4	2.8	4.2#

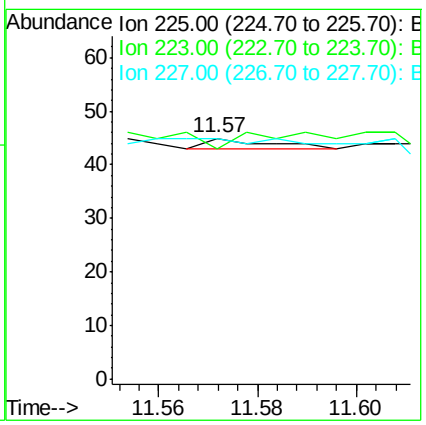


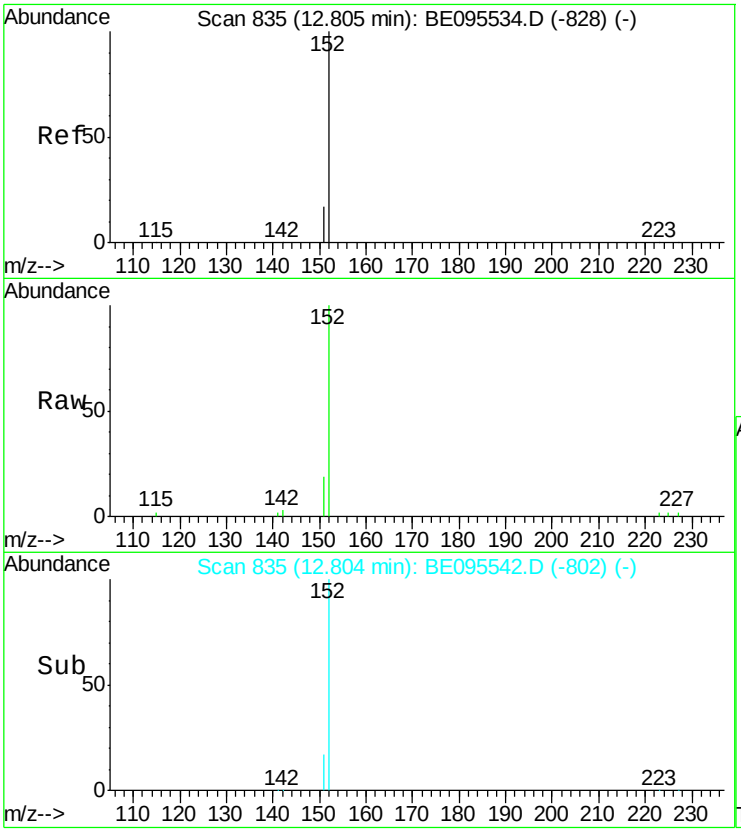


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.57 min Scan# 631
Delta R.T. -0.01 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	350.0	53.0	79.6#
227	0.0	51.4	77.2#



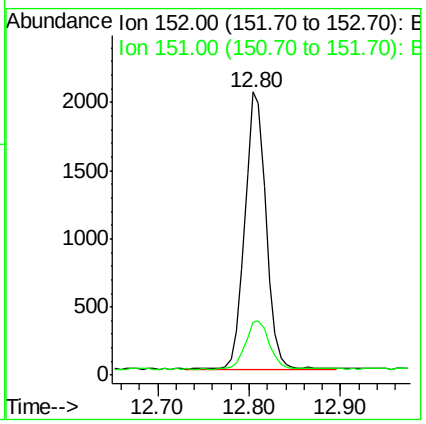


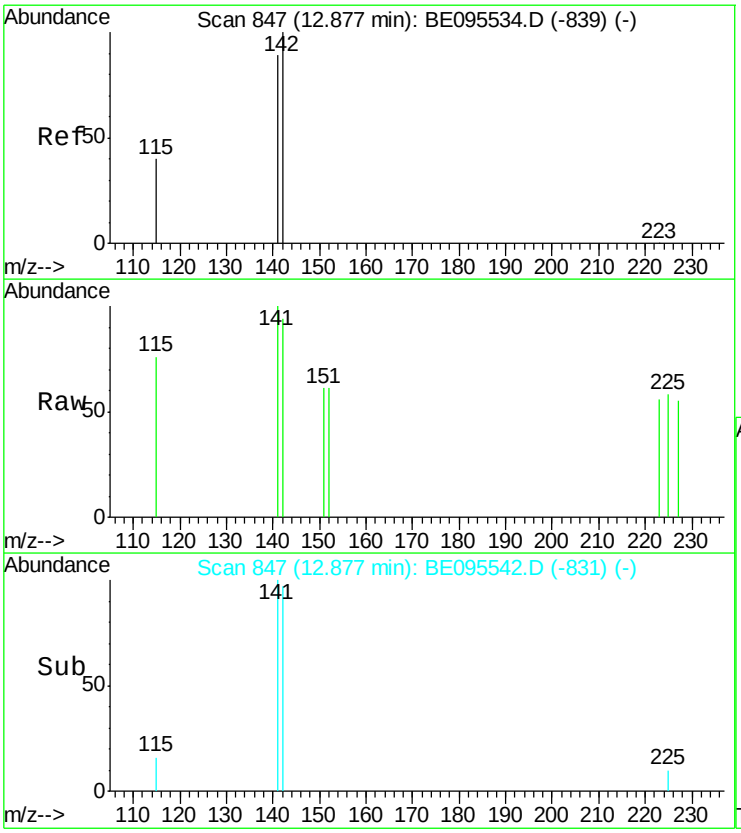
#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:152 Resp: 3229

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

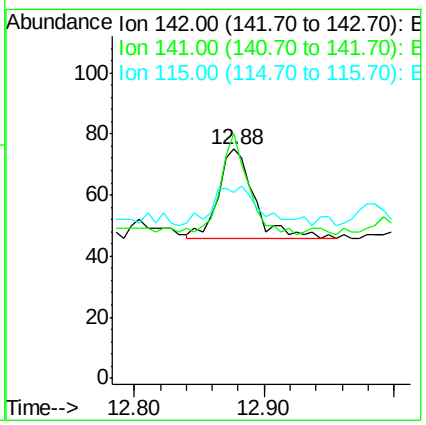


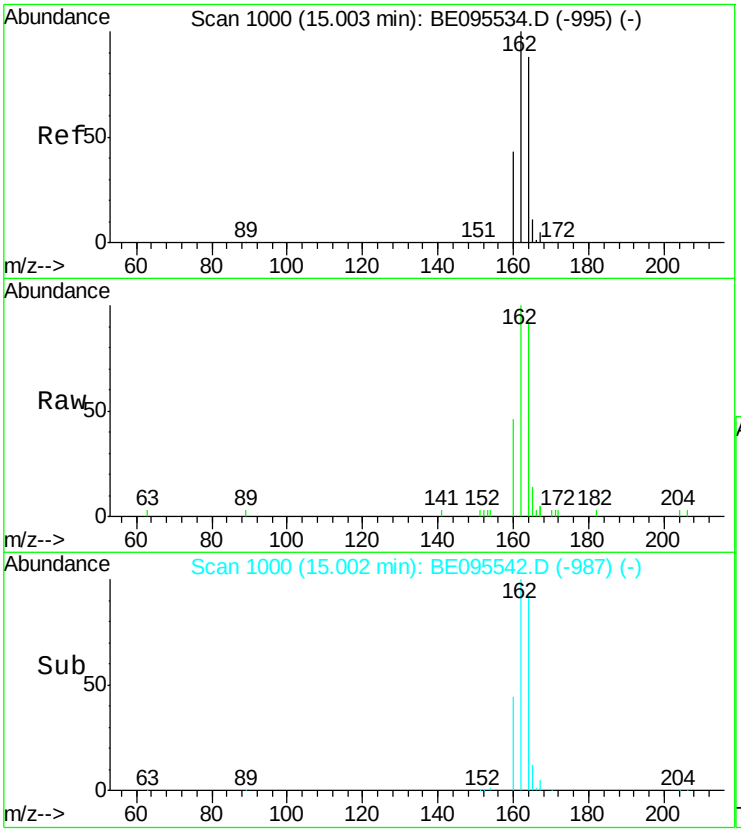


#12
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:142 Resp: 55

Ion	Ratio	Lower	Upper
142	100		
141	106.7	70.4	105.6#
115	81.3	31.7	47.5#



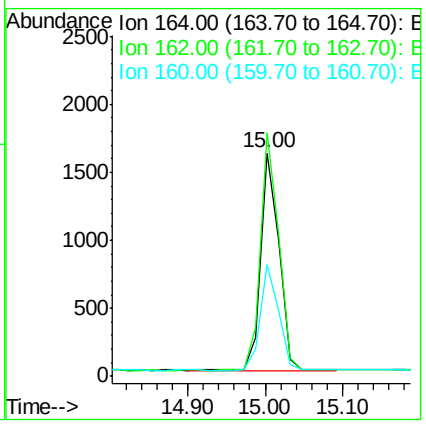


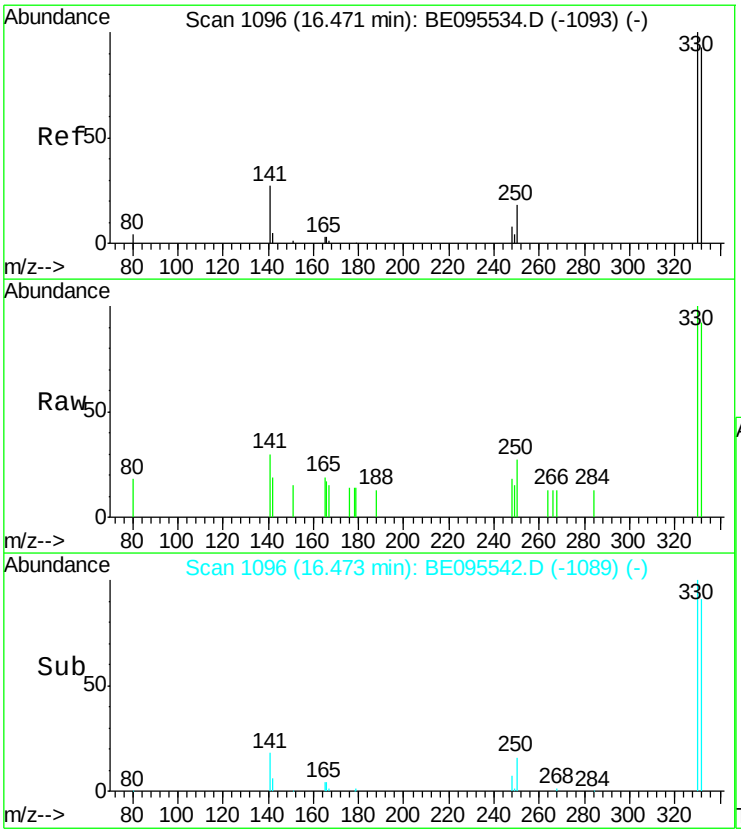
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:164 Resp: 2596

Ion	Ratio	Lower	Upper
164	100		
162	109.0	83.1	124.7
160	49.8	37.1	55.7

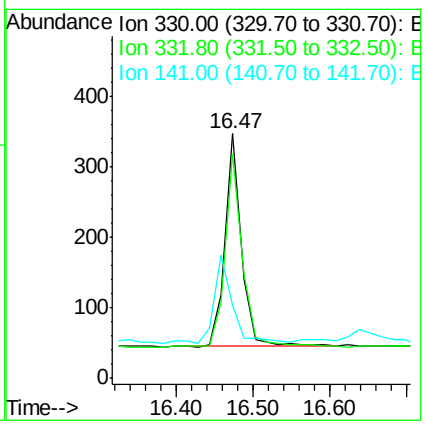


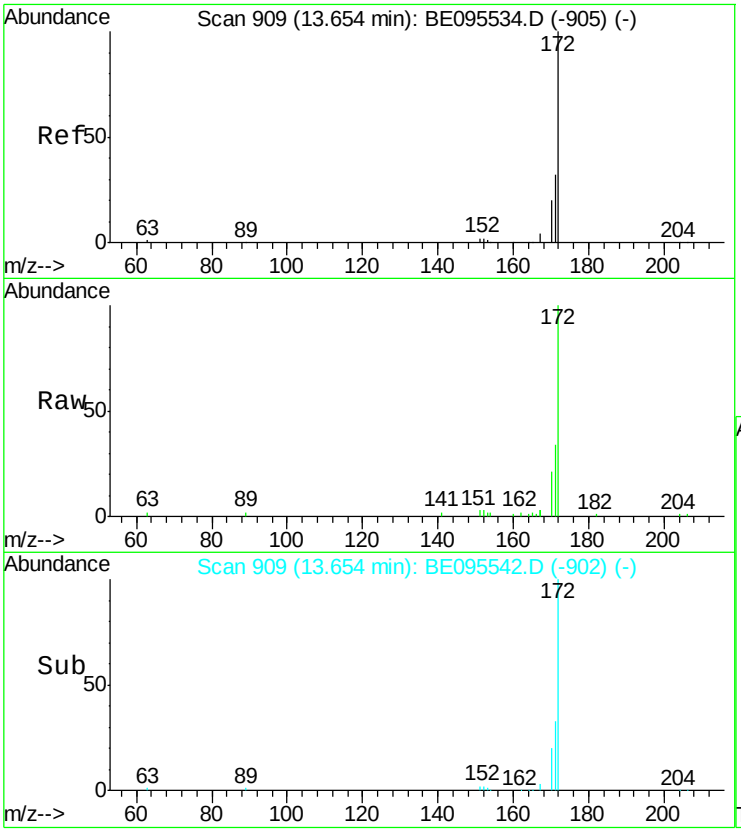


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:330 Resp: 452

Ion	Ratio	Lower	Upper
330	100		
332	93.6	152.7	229.1#
141	41.4	33.7	50.5



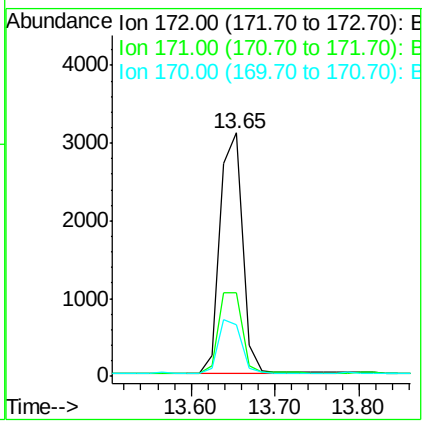


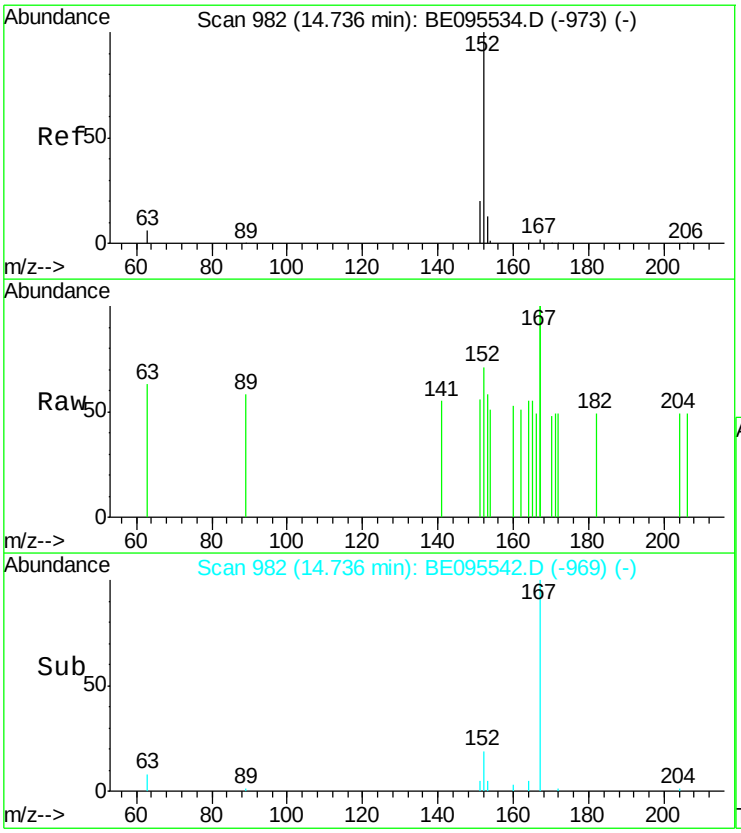
#15
2-Fluorobiphenyl
Concen: 0.508 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:172 Resp: 5691

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	21.3	21.8	32.8#

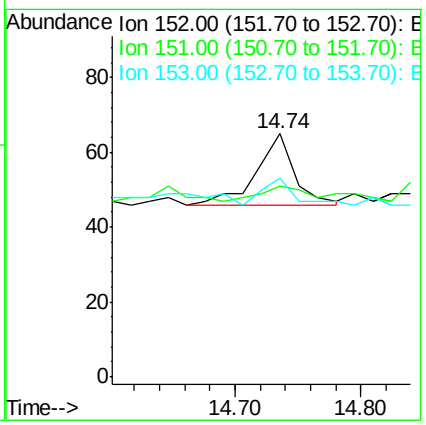


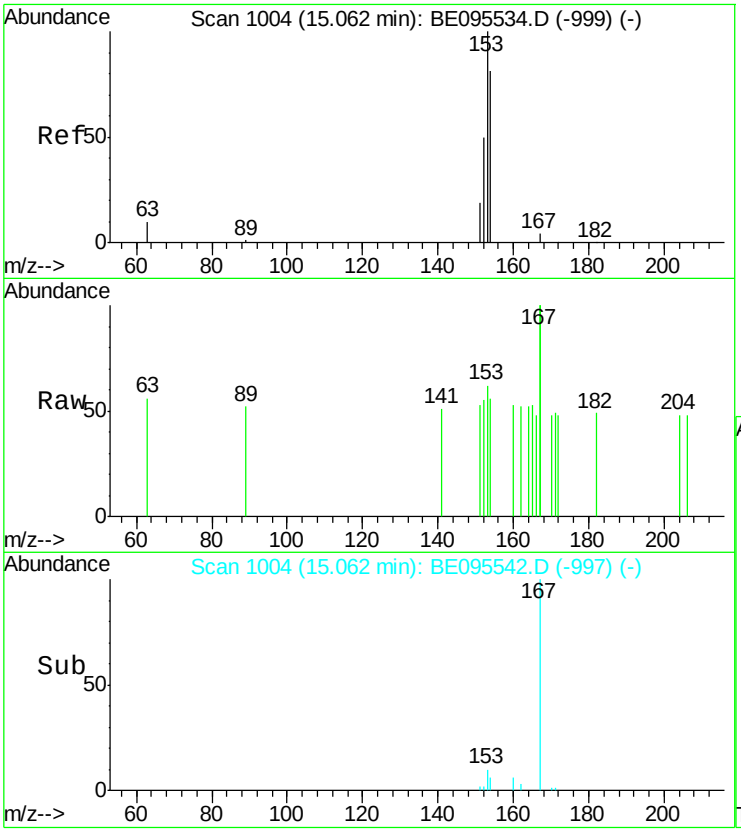


#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:152 Resp: 40

Ion	Ratio	Lower	Upper
152	100		
151	47.5	15.7	23.5#
153	30.0	10.5	15.7#



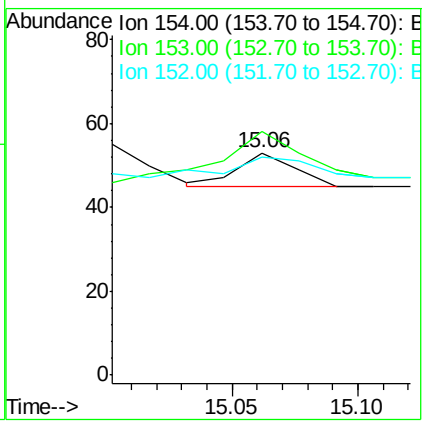


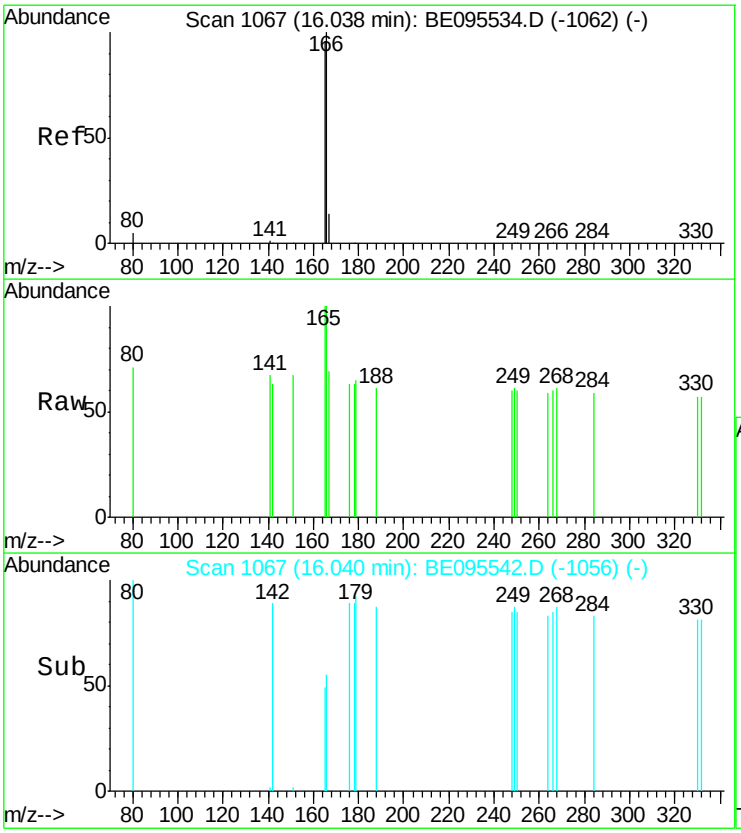
#17
Acenaphthene
Concen: 0.001 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	241.7	89.2	133.8#
152	100.0	42.0	63.0#

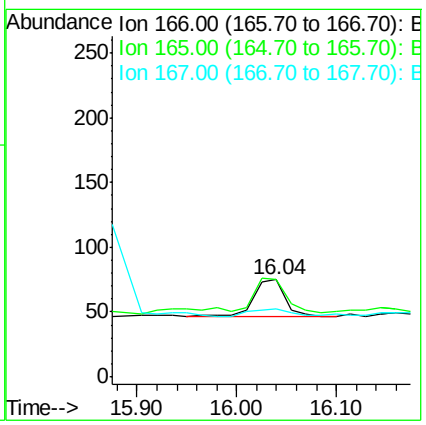


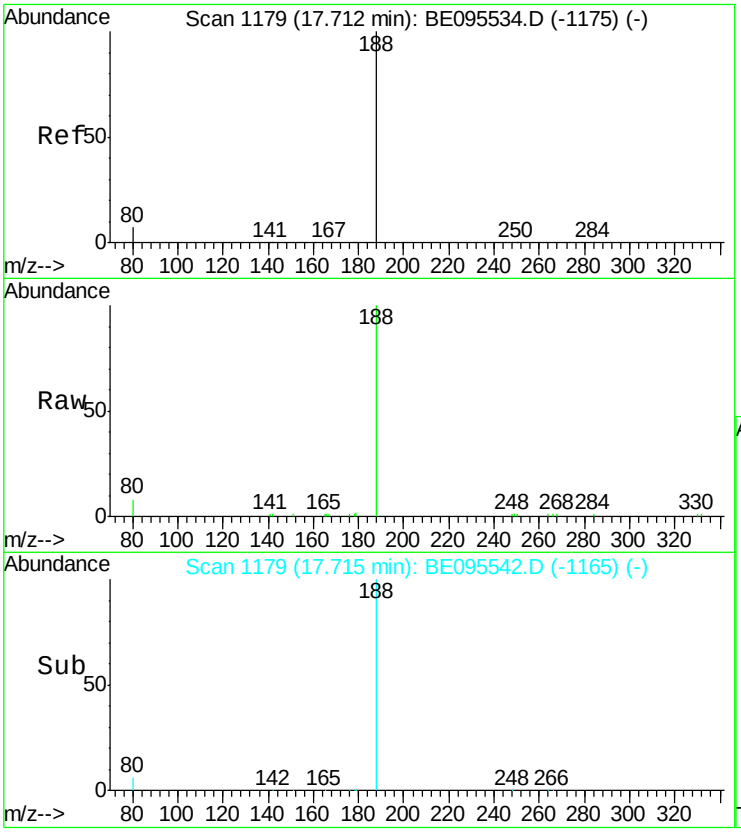


#18
Fluorene
Concen: 0.006 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:166 Resp: 64

Ion	Ratio	Lower	Upper
166	100		
165	92.2	77.8	116.6
167	28.1	42.4	63.6#



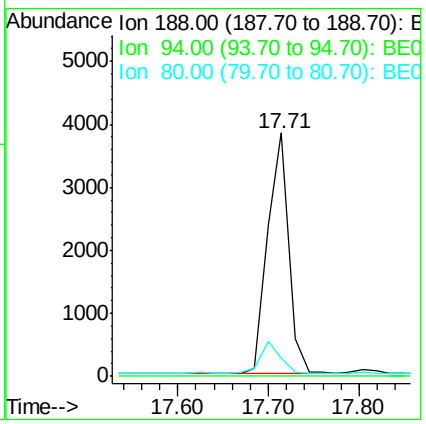


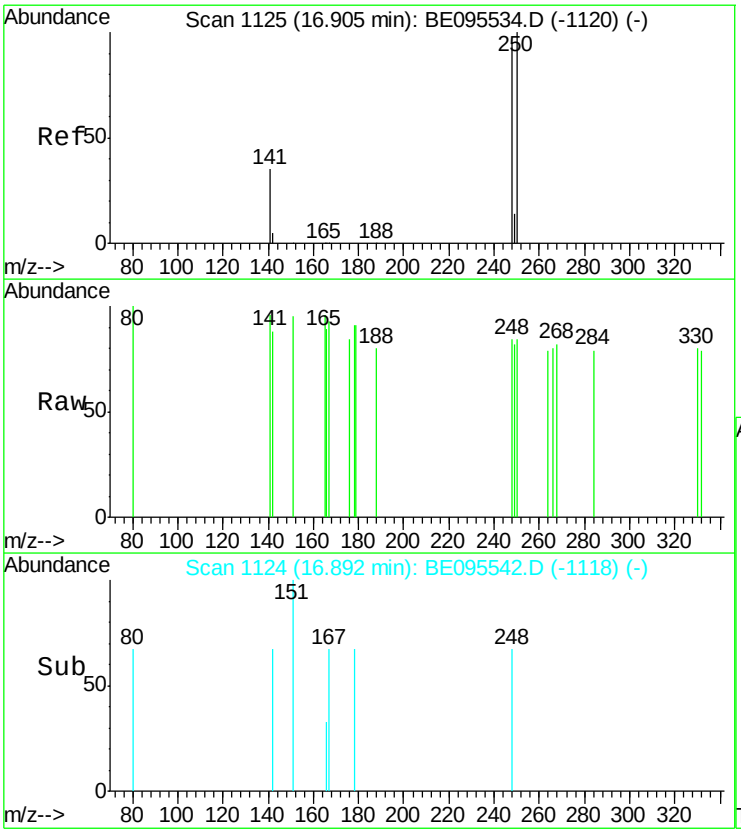
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:188 Resp: 6173

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	7.8	3.6	5.4#

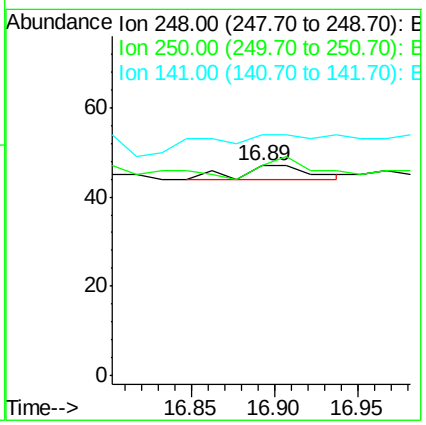


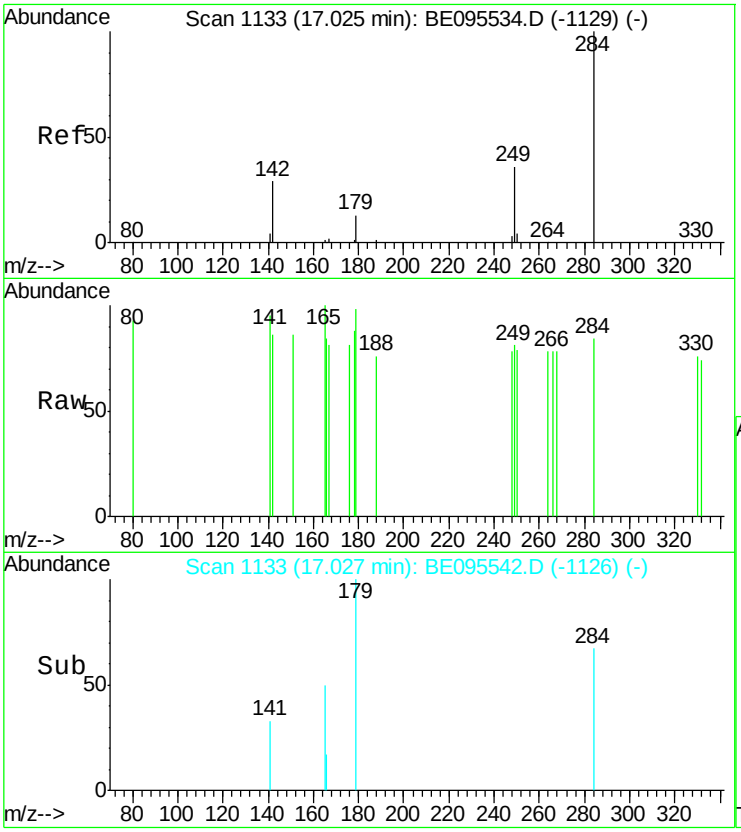


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:248 Resp: 9

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	114.9	48.2	72.2#



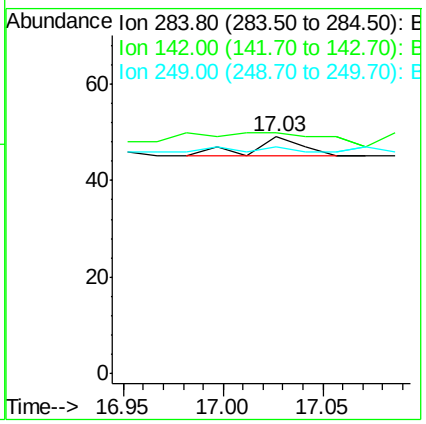


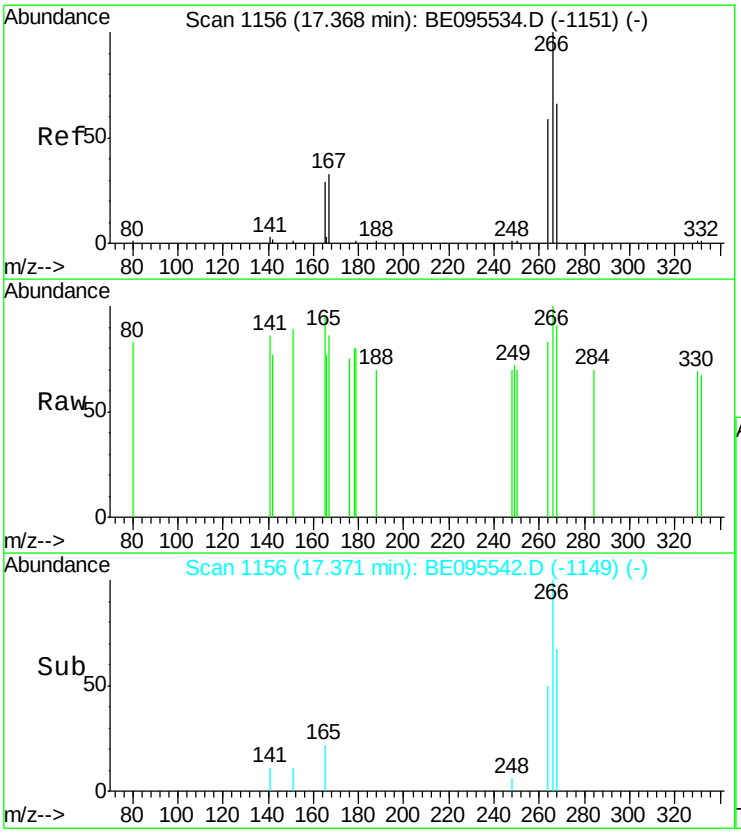
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 17.03 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	0.0	34.8	52.2#

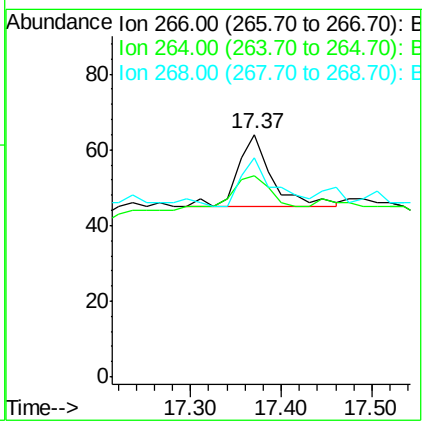


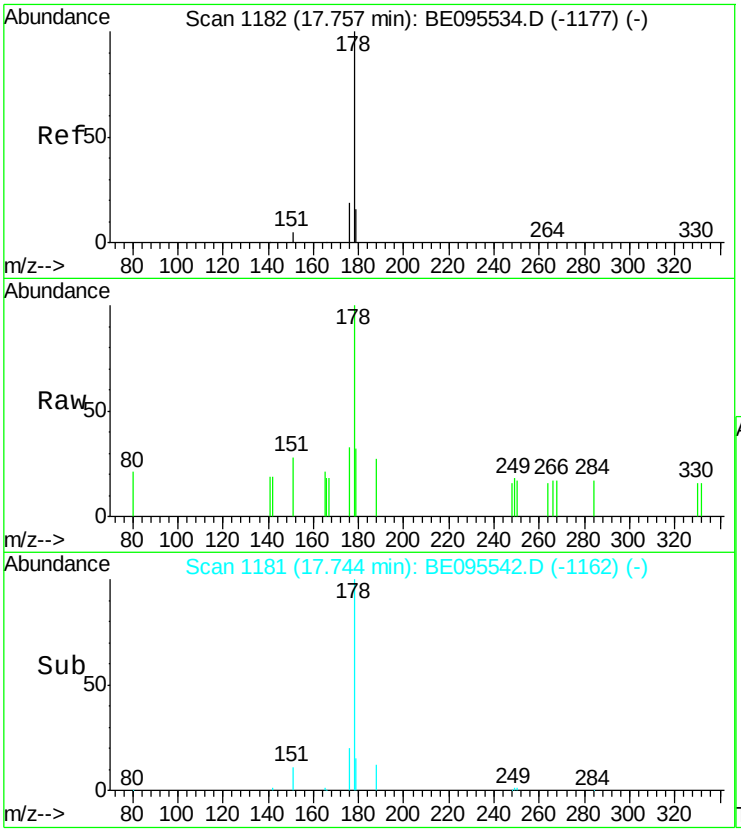


#22
Pentachlorophenol
Concen: 0.193 ng
RT: 17.37 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	82.8	72.5	108.7
268	90.6	73.8	110.6



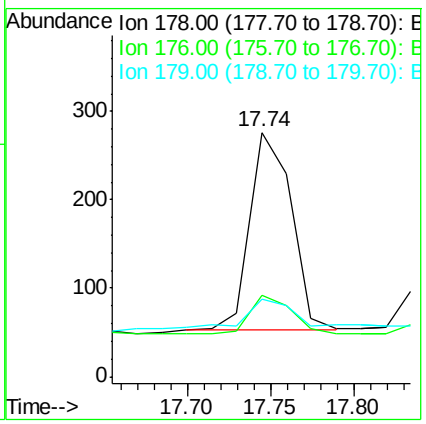


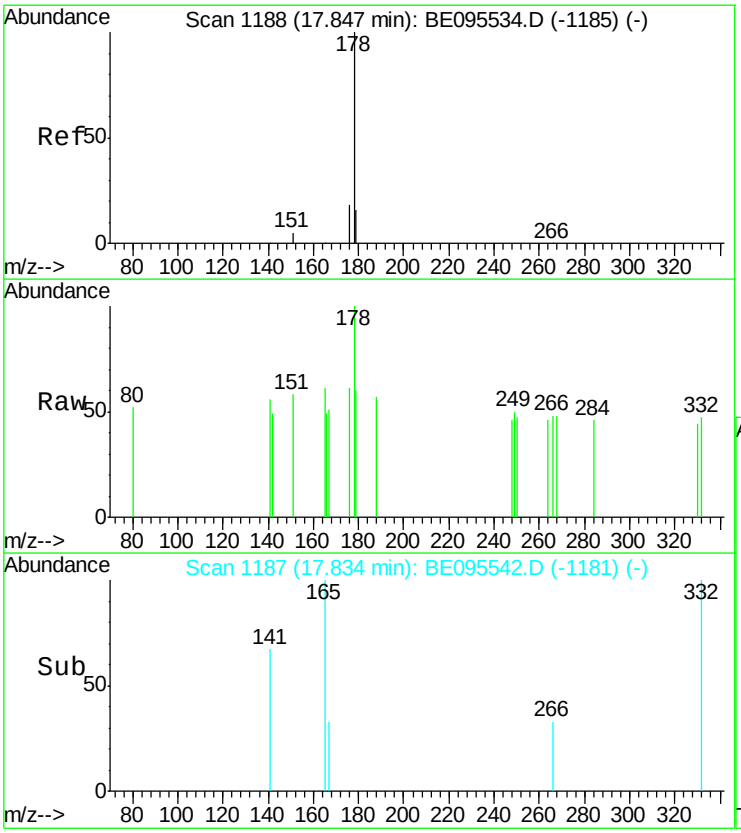
#23
Phenanthrene
Concen: 0.021 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:178 Resp: 389

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	12.6	11.8	17.6

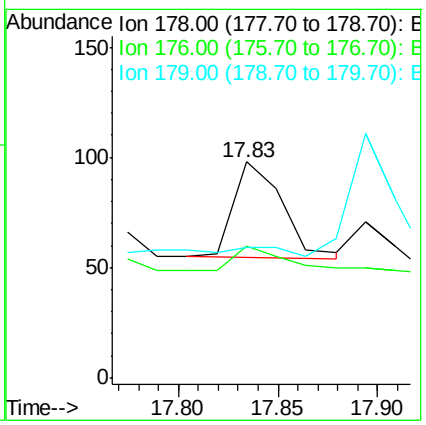


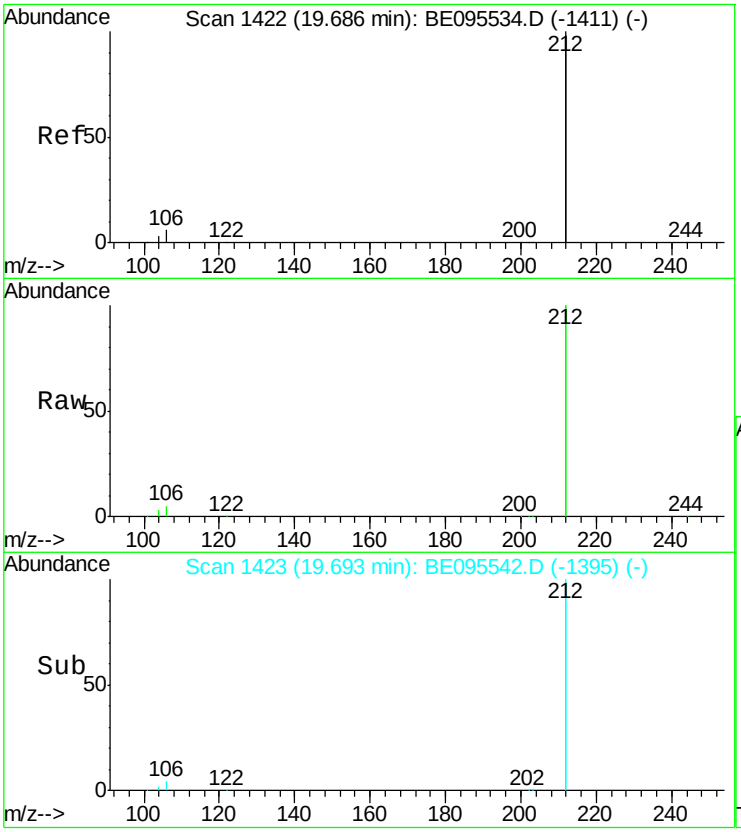


#24
Anthracene
Concen: 0.004 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:178 Resp: 74

Ion	Ratio	Lower	Upper
178	100		
176	27.0	12.8	19.2#
179	0.0	13.0	19.6#



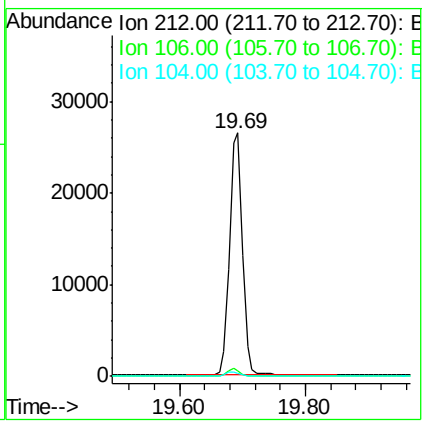


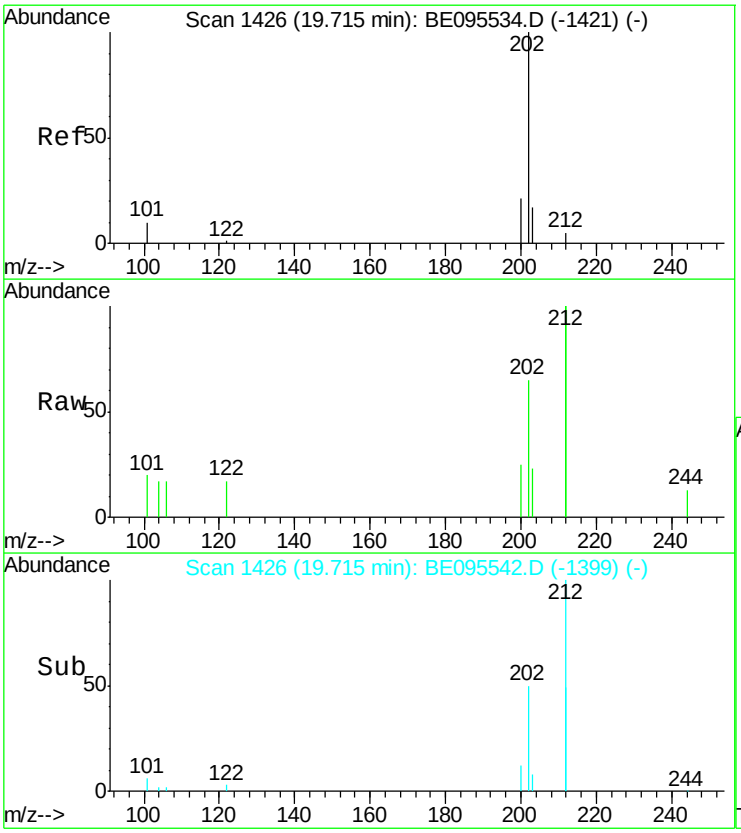
#25
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.69 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:212 Resp: 37126

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4

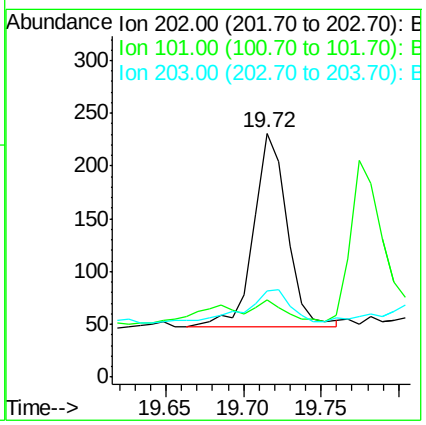


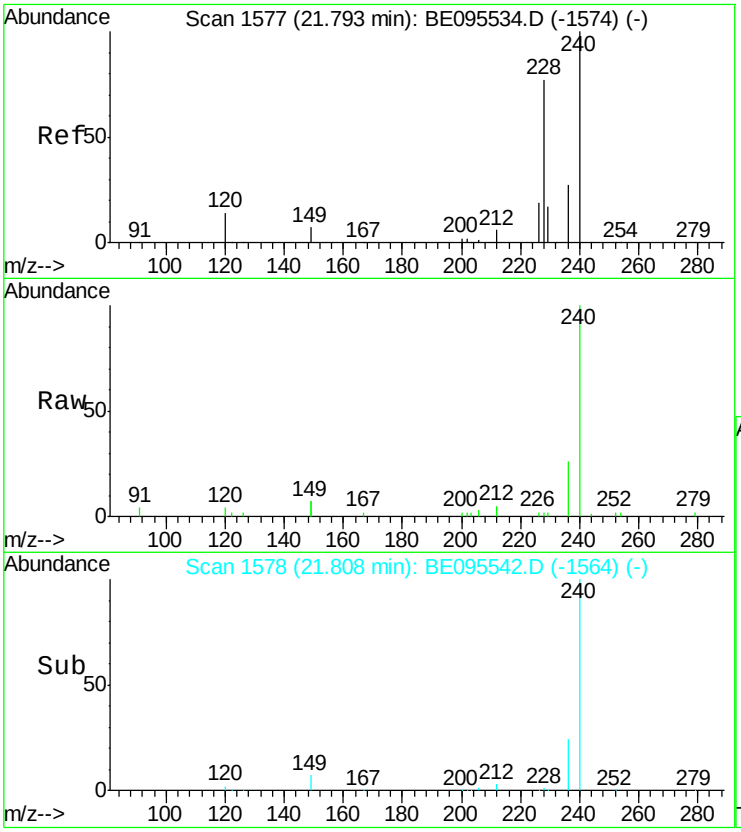


#26
Fluoranthene
Concen: 0.011 ng
RT: 19.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:202 Resp: 273

Ion	Ratio	Lower	Upper
202	100		
101	9.2	9.8	14.8#
203	24.5	13.7	20.5#



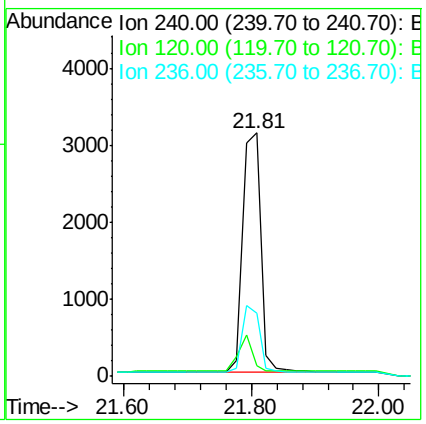


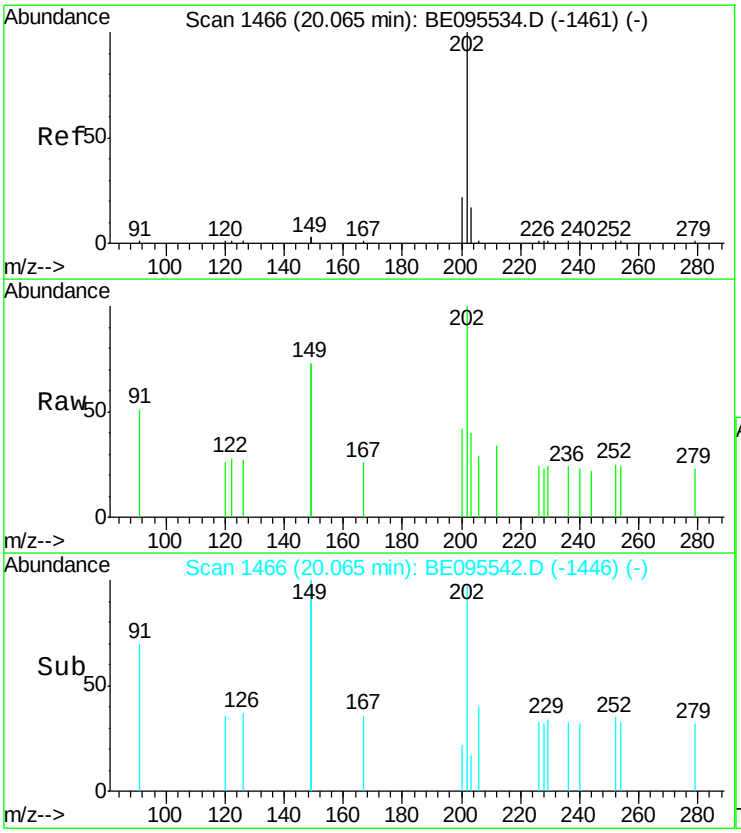
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.81 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:240 Resp: 6225

Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.5	8.3#
236	25.7	20.7	31.1

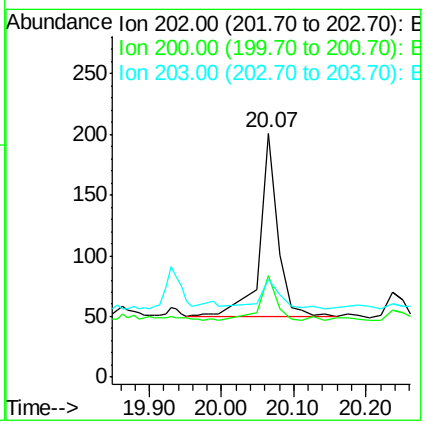


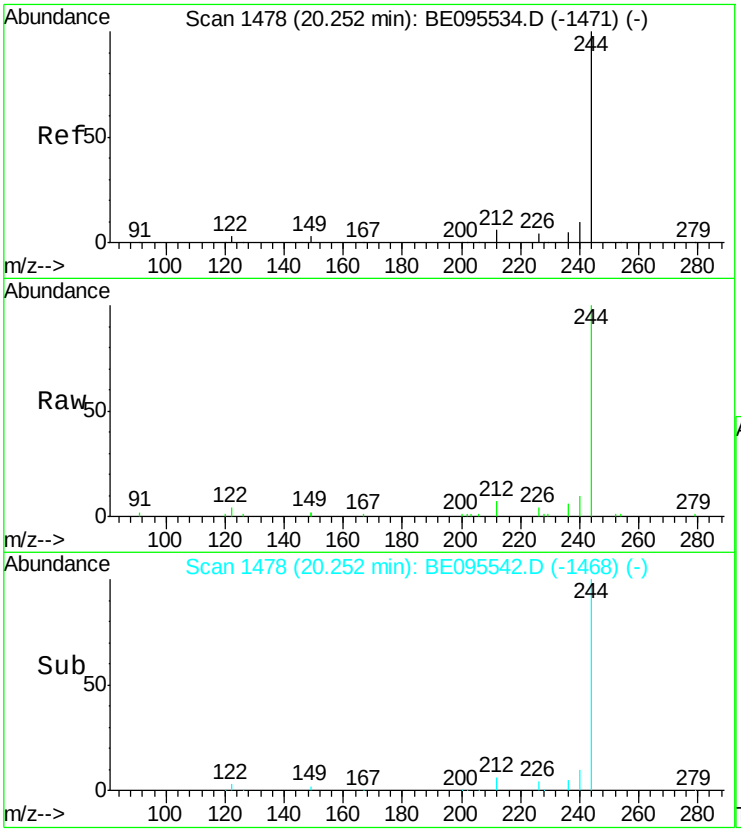


#28
Pyrene
Concen: 0.008 ng
RT: 20.07 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:202 Resp: 220

Ion	Ratio	Lower	Upper
202	100		
200	25.9	16.6	25.0#
203	26.4	13.8	20.8#



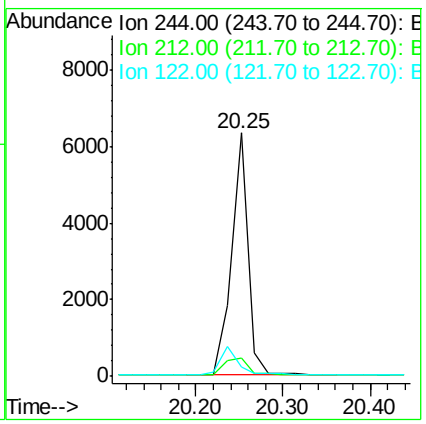


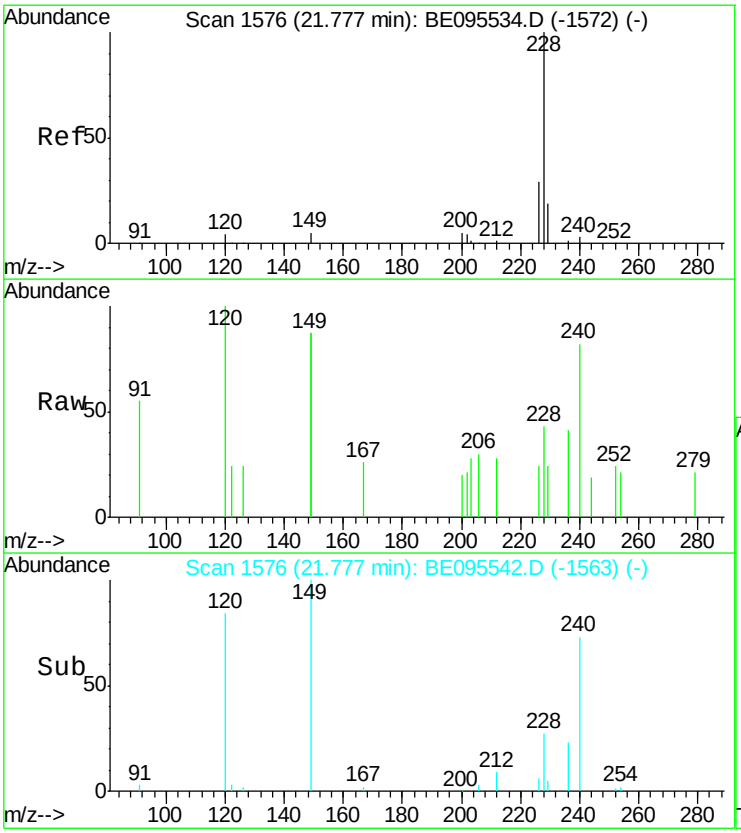
#29
Terphenyl-d14
Concen: 0.620 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:244 Resp: 8219

Ion	Ratio	Lower	Upper
244	100		
212	7.3	25.4	38.0#
122	3.8	8.1	12.1#

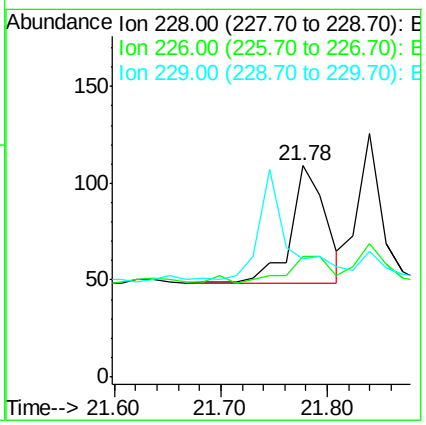


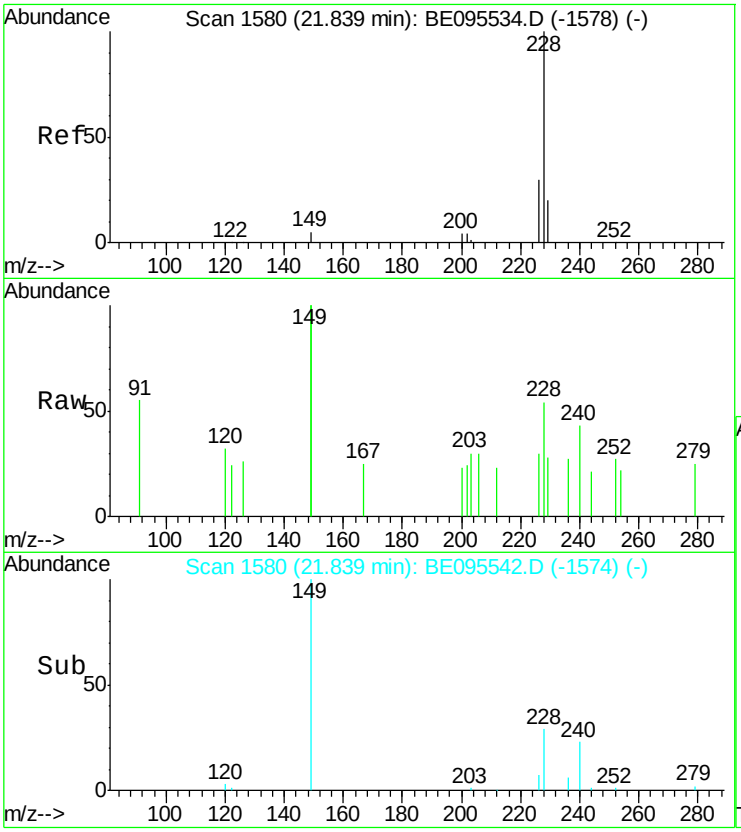


#30
Benzo(a)anthracene
Concen: 0.007 ng
RT: 21.78 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:228 Resp: 142

Ion	Ratio	Lower	Upper
228	100		
226	56.9	24.0	36.0#
229	56.0	16.0	24.0#



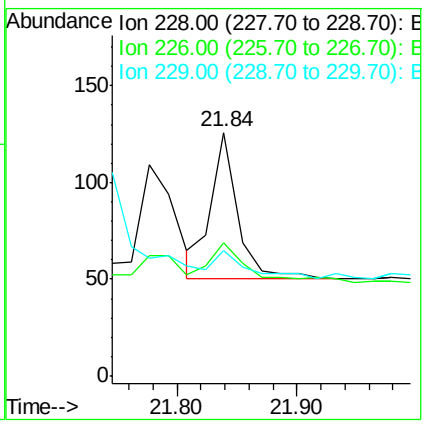


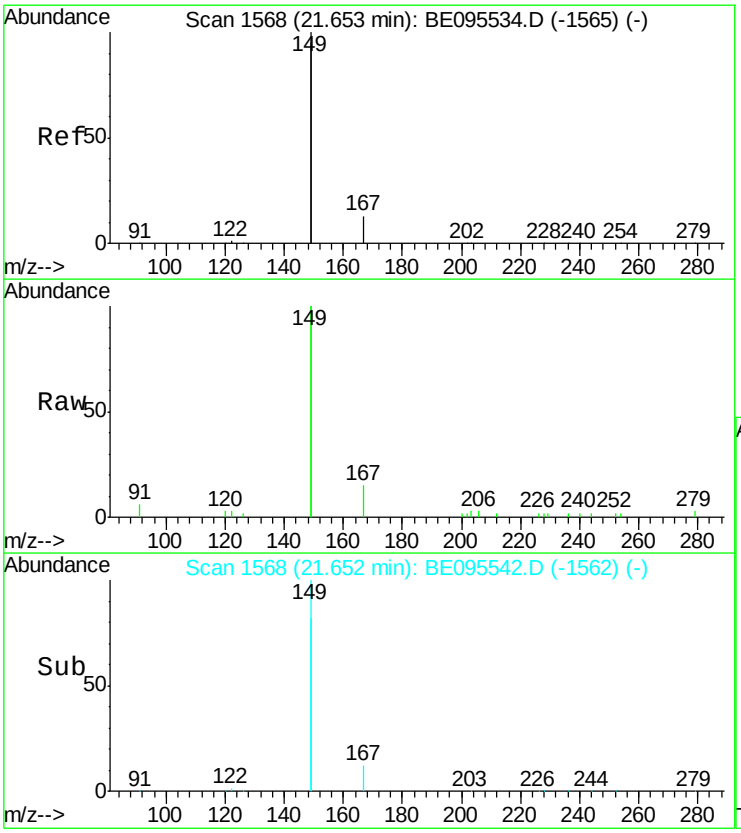
#31
Chrysene
Concen: 0.006 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:228 Resp: 120

Ion	Ratio	Lower	Upper
228	100		
226	54.8	24.0	36.0#
229	51.6	16.0	24.0#

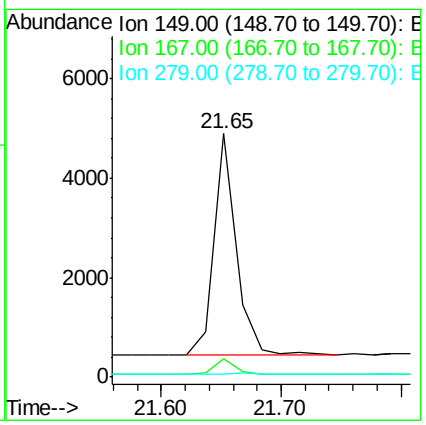


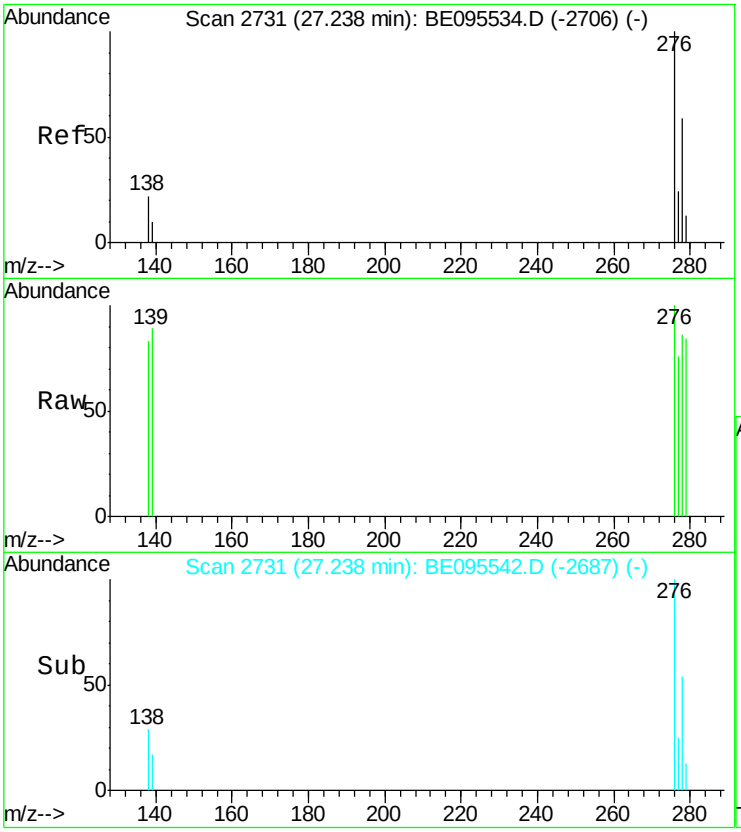


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:149 Resp: 5724

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



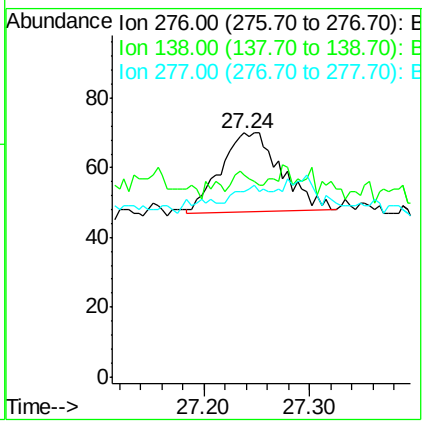


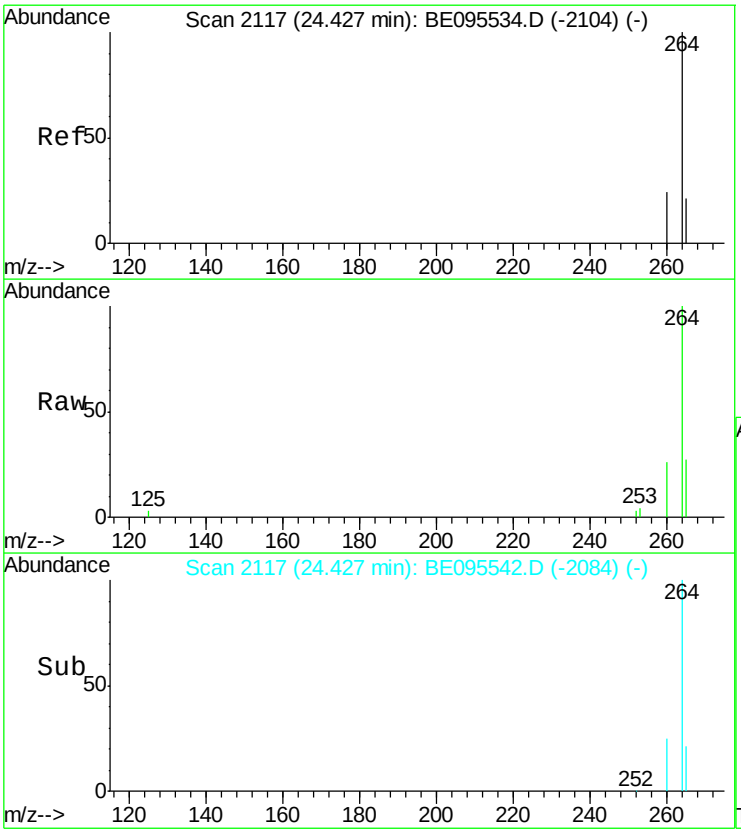
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:276 Resp: 90

Ion	Ratio	Lower	Upper
276	100		
138	8.9	22.5	33.7#
277	15.6	19.9	29.9#

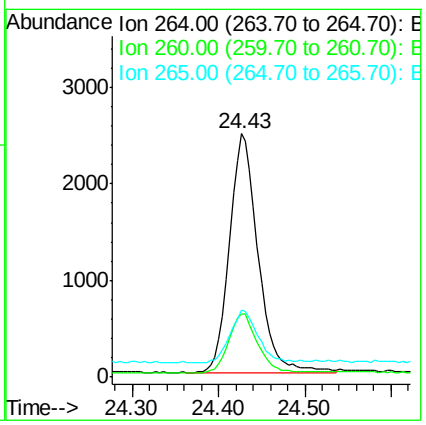


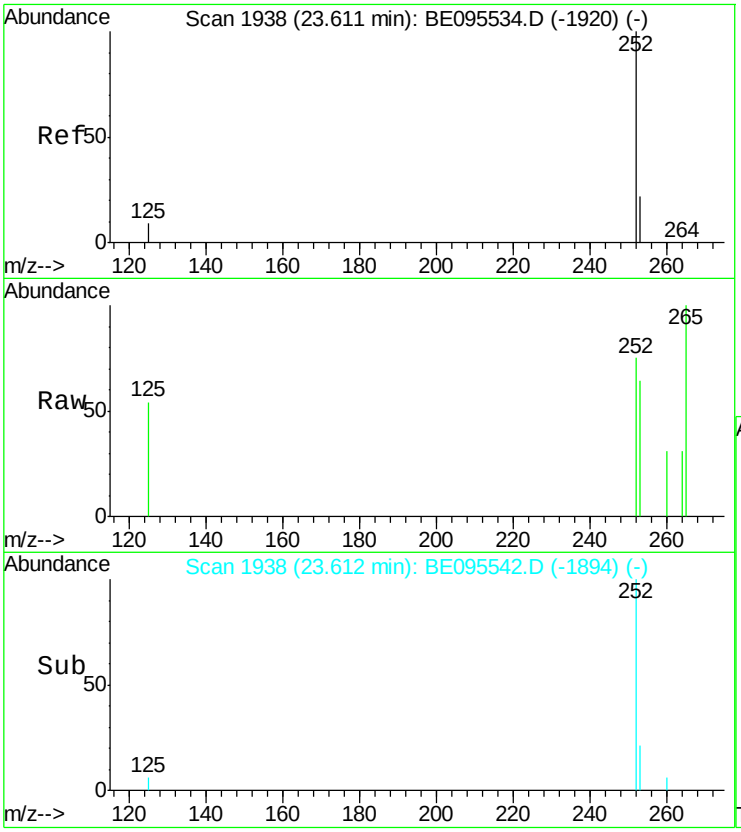


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:264 Resp: 5689

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	27.4	22.8	34.2



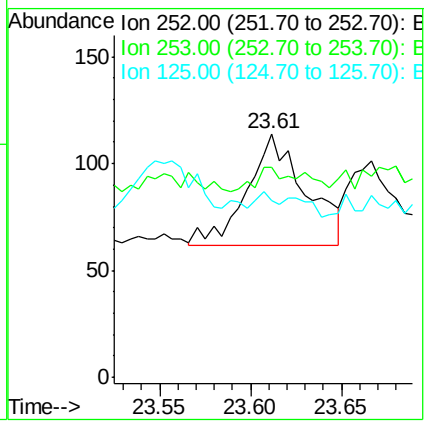


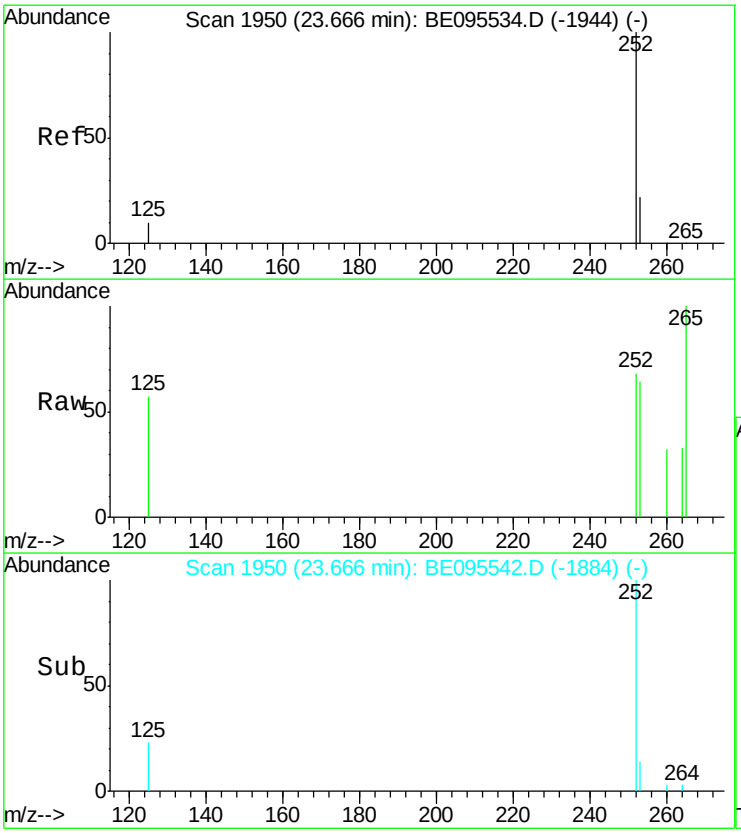
#35
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.61 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:252 Resp: 115

Ion	Ratio	Lower	Upper
252	100		
253	86.0	20.0	30.0#
125	72.8	16.0	24.0#

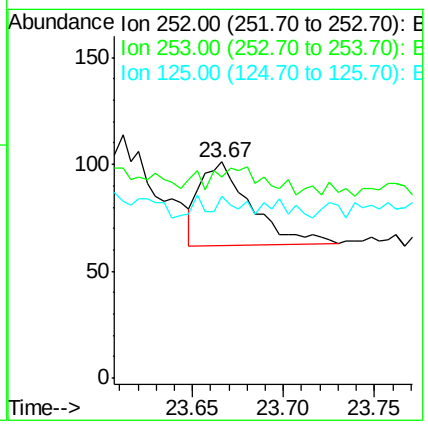


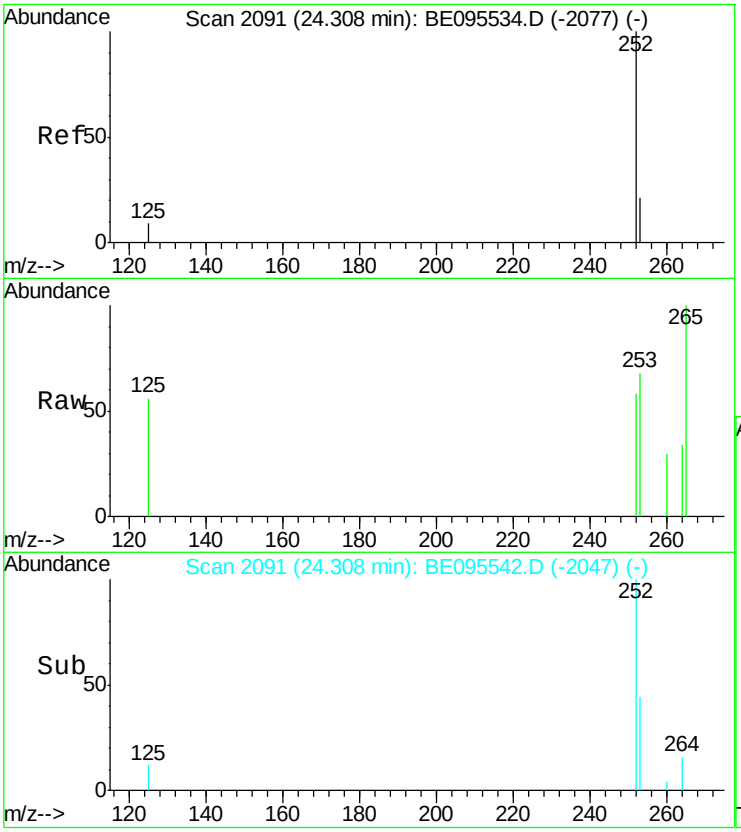


#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.67 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:252 Resp: 75

Ion	Ratio	Lower	Upper
252	100		
253	93.1	16.0	24.0#
125	84.2	8.0	12.0#



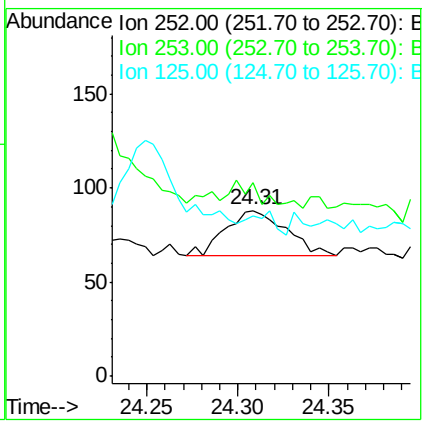


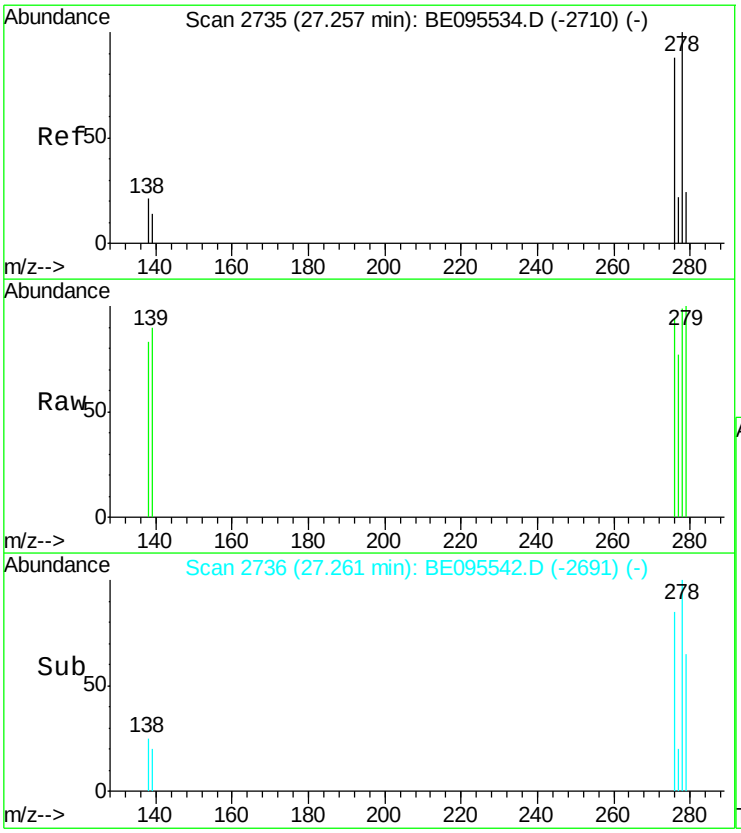
#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.31 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:252 Resp: 56

Ion	Ratio	Lower	Upper
252	100		
253	117.0	16.0	24.0#
125	96.6	12.0	18.0#

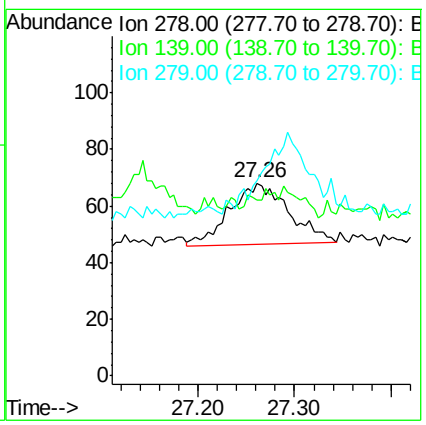


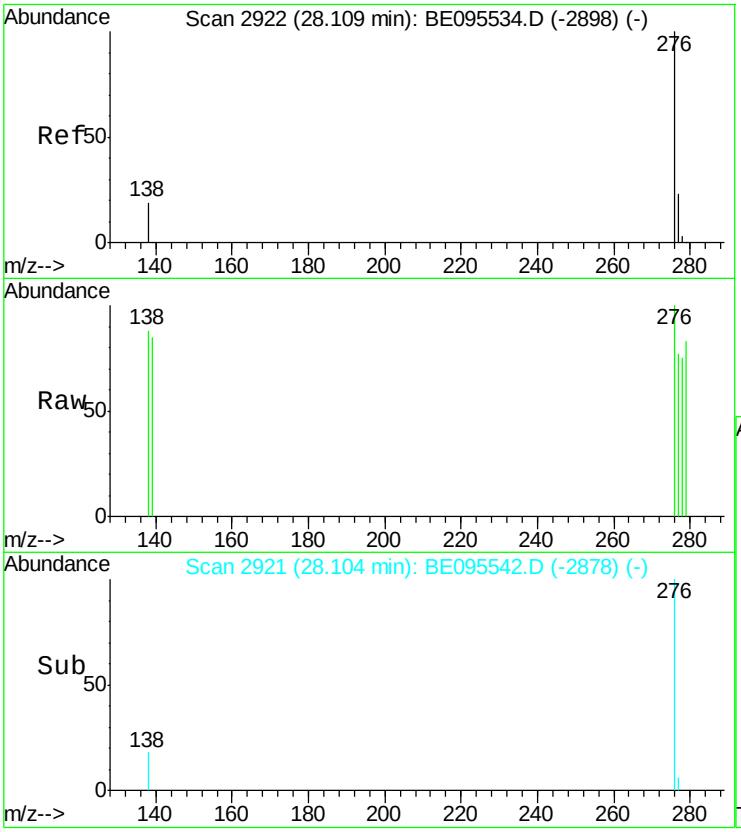


#38
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 27.26 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:278 Resp: 92

Ion	Ratio	Lower	Upper
278	100		
139	91.2	16.0	24.0#
279	101.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 28.10 min Scan# 2921
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-180123

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
277	76.9	16.0	24.0#
138	87.7	20.0	30.0#