Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095101.D
Acq On : 23 Jan 2018 17:26
Operator : SJ/JU
Sample : J1170-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 24 01:10:11 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 15:47:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	7305	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	17475	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	10070	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	23298	0.40	ng		0.00
27) Chrysene-d12	21.84	240	22560	0.40	ng		0.00
34) Perylene-d12	24.49	264	19895	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	2083	0.18	ng		0.00
5) Phenol-d6	7.58	99	1758	0.10	ng		0.00
8) Nitrobenzene-d5	9.63	82	7143	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.84	152	12496	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	1586	0.56	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	23178	0.52	ng		0.00
25) Fluoranthene-d10	19.72	212	141092	0.48	ng		0.00
29) Terphenyl-d14	20.28	244	30407	0.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	795	0.111	ng	#	61
3) n-Nitrosodimethylamine	3.93	42	1138	0.133	ng	#	1
6) bis(2-Chloroethyl)ether	7.86	93	61	0.004	ng	#	57
9) Naphthalene	11.34	128	4275	0.021	ng	#	93
10) Hexachlorobutadiene	11.61	225	34	0.004	ng	#	86
12) 2-Methylnaphthalene	12.91	142	359	0.010	ng	#	77
16) Acenaphthylene	14.76	152	194	0.004	ng	#	73
17) Acenaphthene	15.09	154	130	0.004	ng	#	70
18) Fluorene	16.07	166	284	0.006	ng	#	69
20) 4-Bromophenyl-phenylether	16.94	248	117	0.009	ng	#	10
21) Hexachlorobenzene	17.06	284	100	0.007	ng	#	1
22) Pentachlorophenol	17.40	266	149	0.086	ng		88
23) Phenanthrene	17.79	178	753	0.010	ng	#	81
24) Anthracene	17.88	178	935	0.015	ng	#	91
26) Fluoranthene	19.75	202	762	0.009	ng	#	1
28) Pyrene	20.09	202	1178	0.012	ng	#	94
30) Benzo(a)anthracene	21.82	228	693	0.010	ng	#	76
31) Chrysene	21.87	228	565	0.008	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.70	149	10221	0.104	ng	#	97
33) Indeno(1,2,3-cd)pyrene	27.32	276	623	0.010	ng		93
35) Benzo(b)fluoranthene	23.66	252	604	0.009	ng	#	45
36) Benzo(k)fluoranthene	23.72	252	547	0.008	ng	#	6
37) Benzo(a)pyrene	24.36	252	469	0.007	ng	#	1
38) Dibenzo(a,h)anthracene	27.33	278	484	0.009	ng	#	29
39) Benzo(g,h,i)perylene	28.19	276	512	0.009	ng	#	46

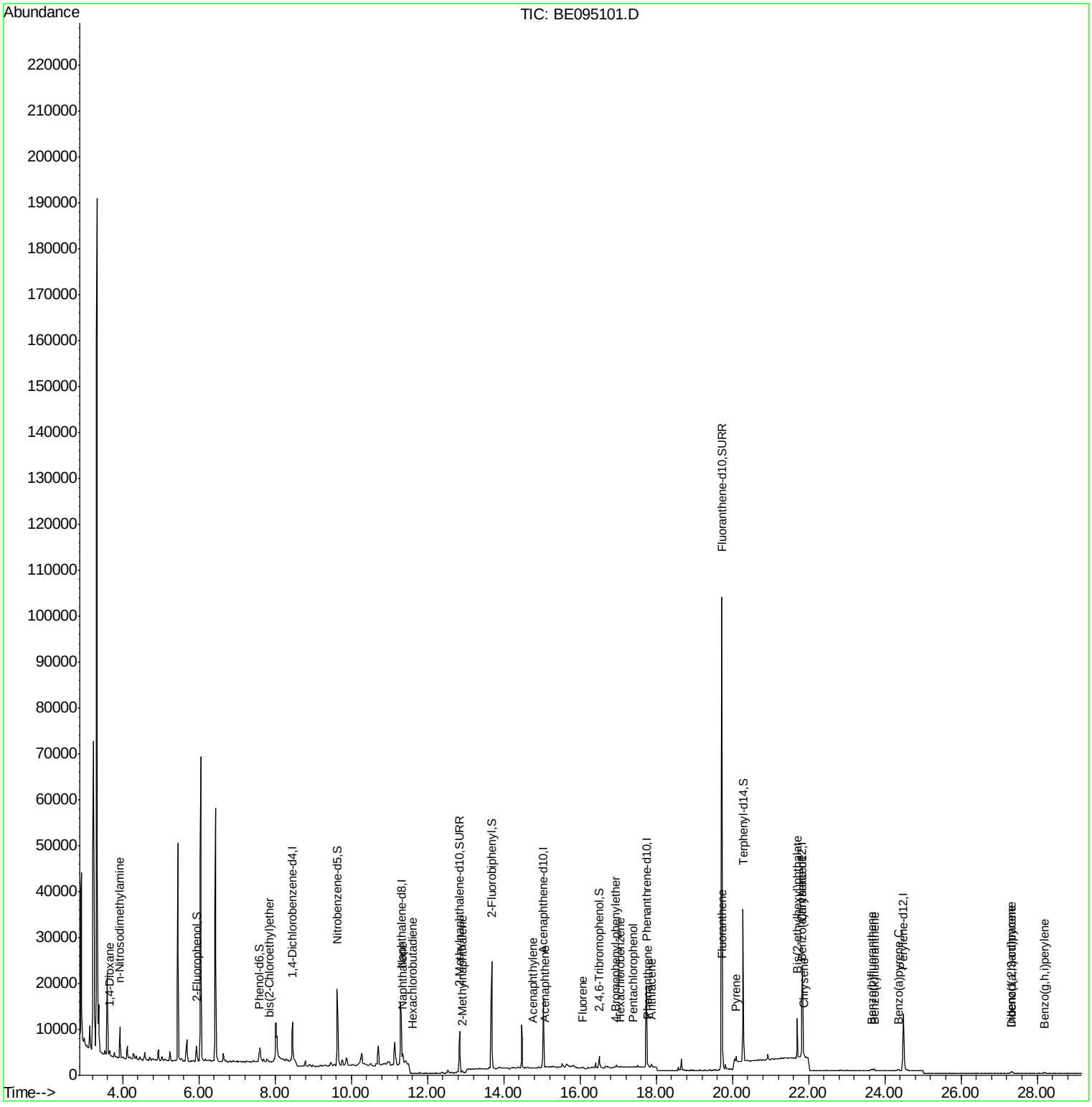
(#) = qualifier out of range (m) = manual integration (+) = signals summed

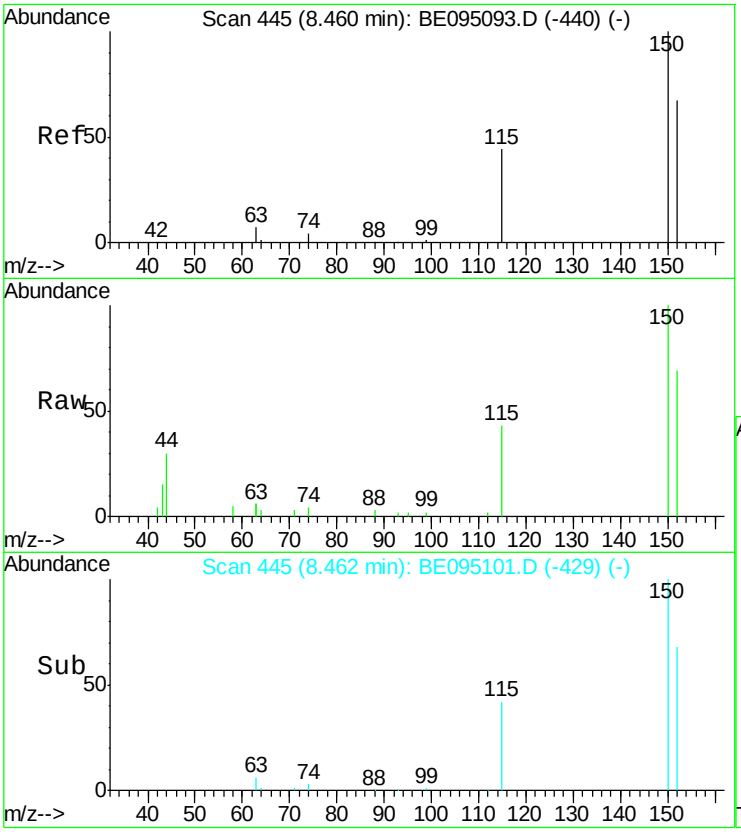
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095101.D
Acq On : 23 Jan 2018 17:26
Operator : SJ/JU
Sample : J1170-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 24 01:10:11 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 15:47:25 2018
Response via : Initial Calibration



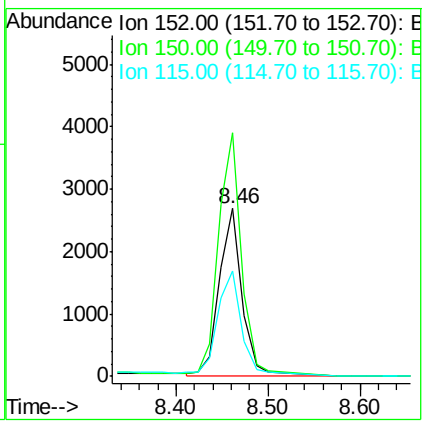


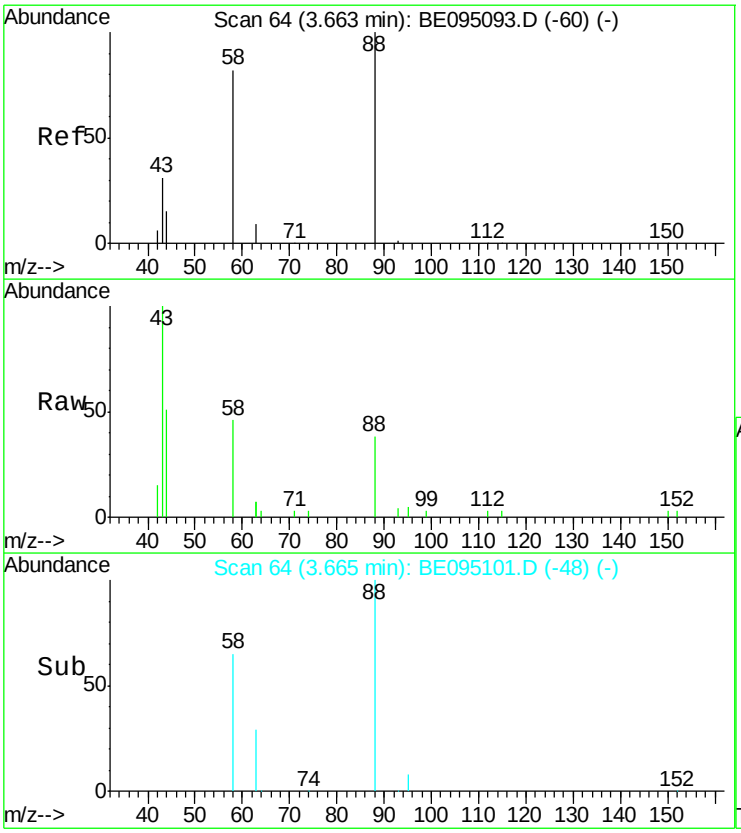
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7305

Ion	Ratio	Lower	Upper
152	100		
150	145.3	117.2	175.8
115	62.7	57.0	85.6

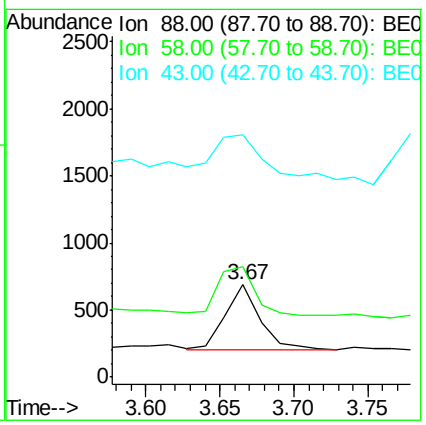


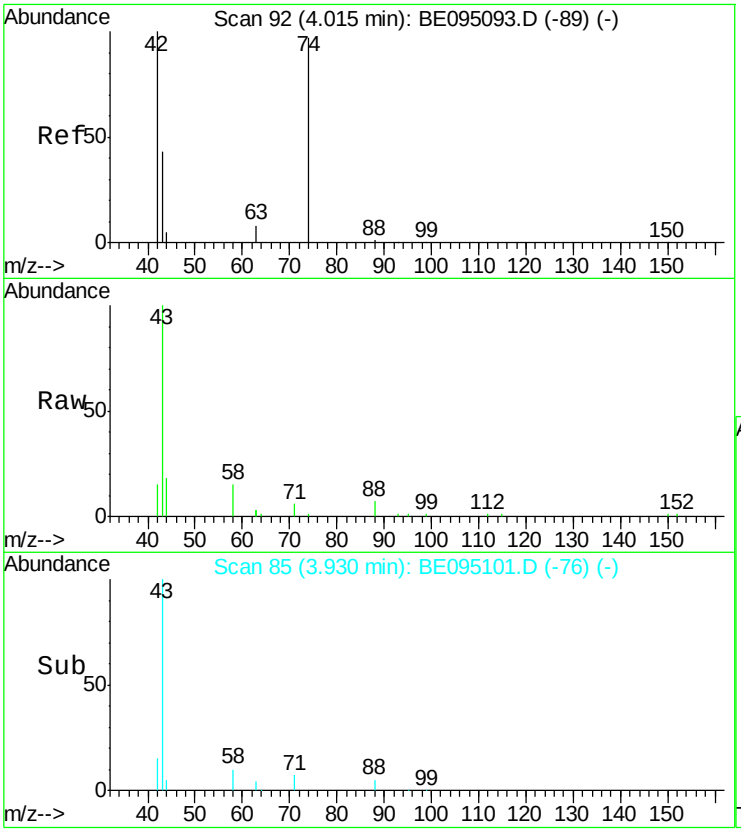


#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.67 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion: 88 Resp: 795

Ion	Ratio	Lower	Upper
88	100		
58	94.0	63.2	94.8
43	101.6	41.2	61.8#



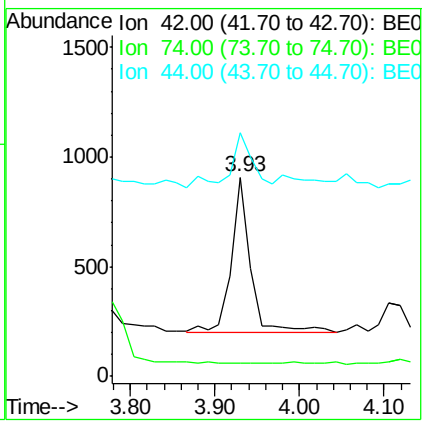


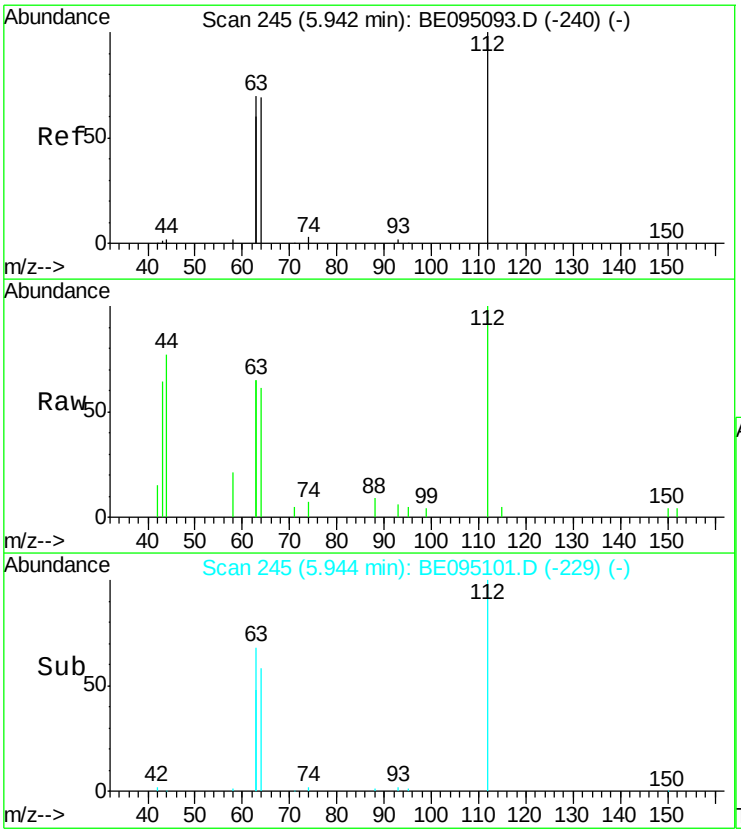
#3
n-Nitrosodimethylamine
Concen: 0.133 ng
RT: 3.93 min Scan# 85
Delta R.T. -0.09 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1138

Ion	Ratio	Lower	Upper
42	100		
74	1.1	96.0	144.0#
44	41.7	12.0	18.0#

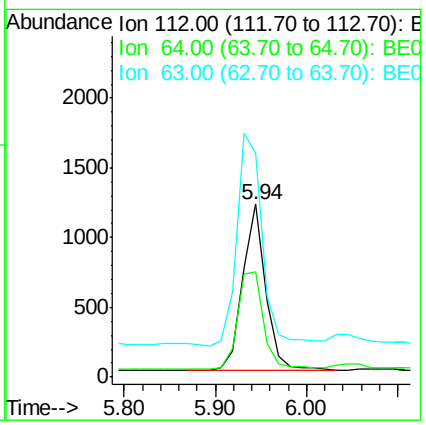


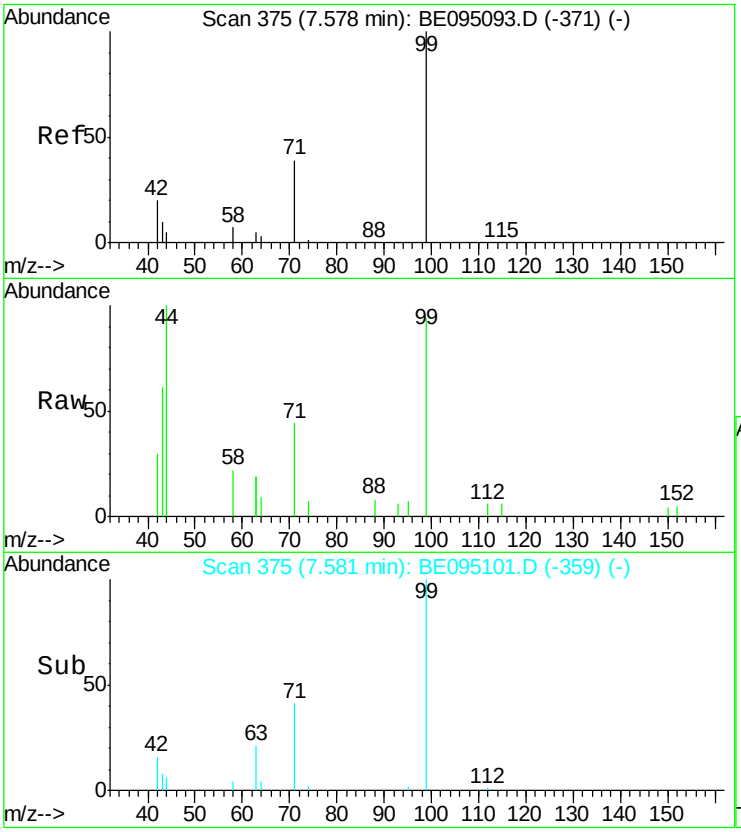


#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.94 min Scan# 245
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:112 Resp: 2083

Ion	Ratio	Lower	Upper
112	100		
64	66.4	60.1	90.1
63	142.2	116.8	175.2



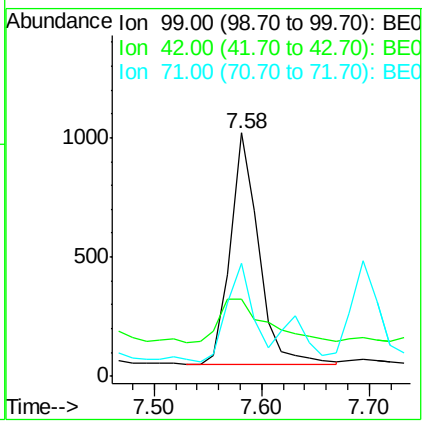


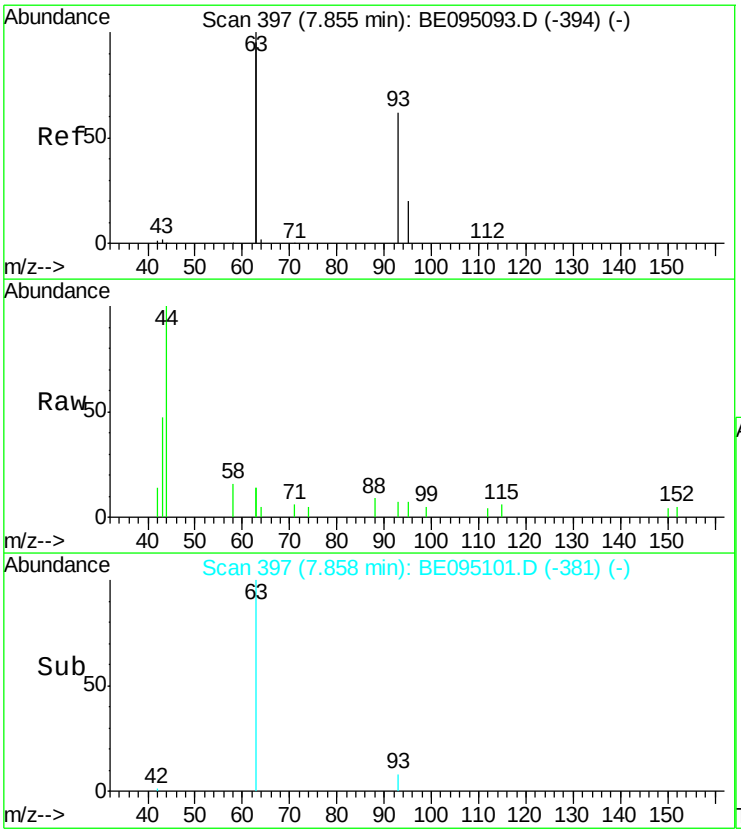
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.58 min Scan# 375
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1758

Ion	Ratio	Lower	Upper
99	100		
42	30.8	20.2	30.2#
71	40.2	28.4	42.6

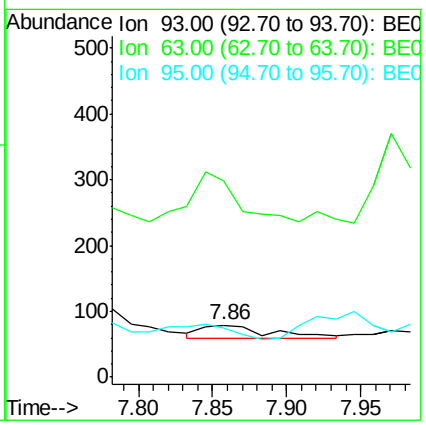


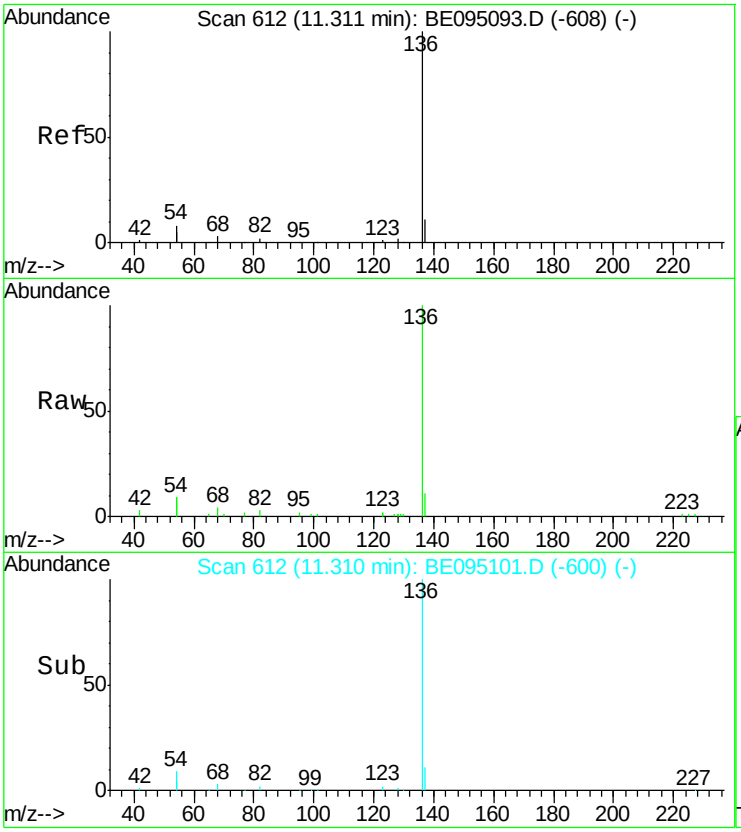


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.86 min Scan# 397
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion: 93 Resp: 61

Ion	Ratio	Lower	Upper
93	100		
63	267.2	275.3	412.9#
95	101.6	25.2	37.8#



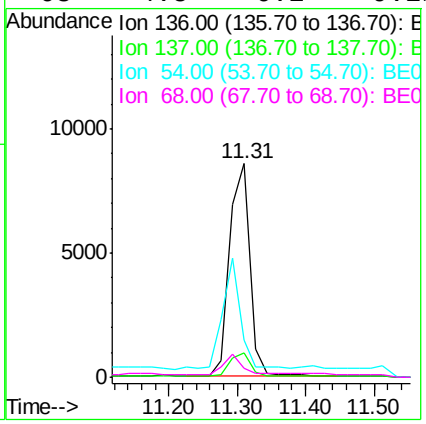


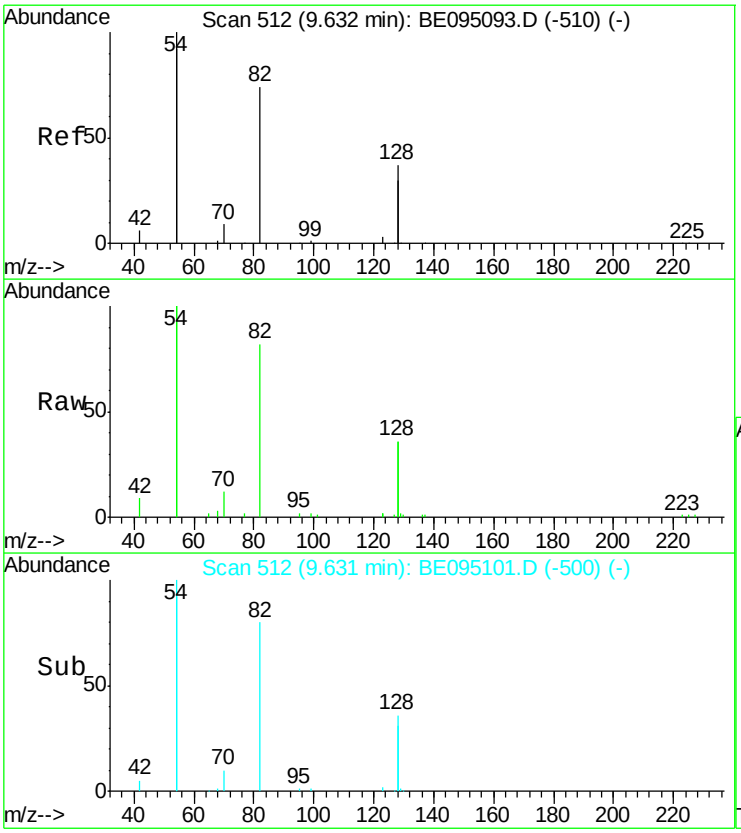
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17475

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	17.1	29.1	43.7#
68	4.5	6.2	9.2#

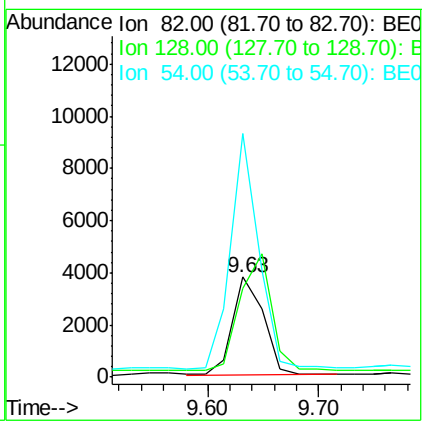


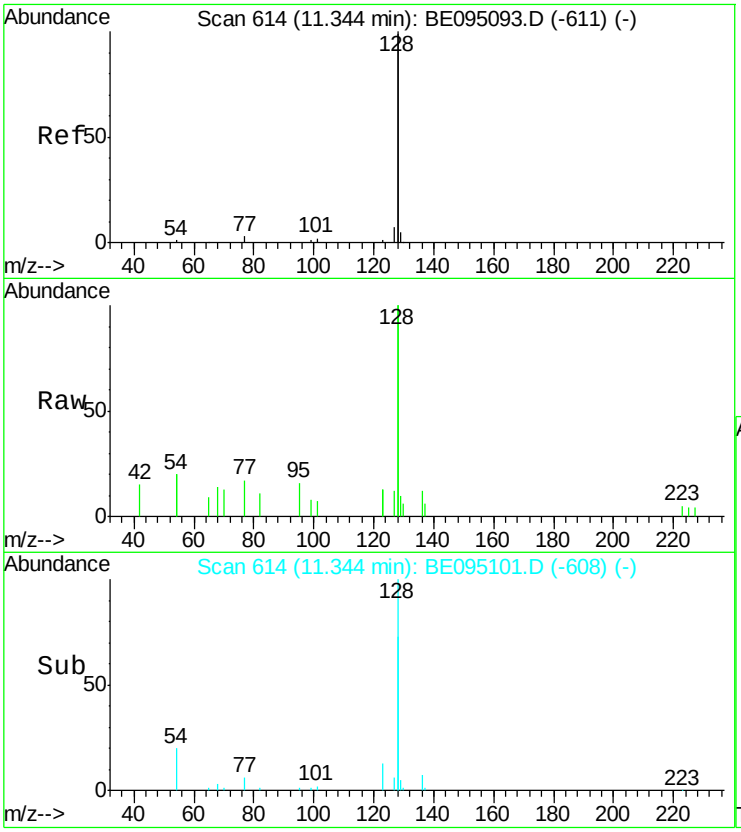


#8
Nitrobenzene-d5
Concen: 0.449 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion: 82 Resp: 7143

Ion	Ratio	Lower	Upper
82	100		
128	88.1	150.0	225.0#
54	242.9	154.2	231.4#



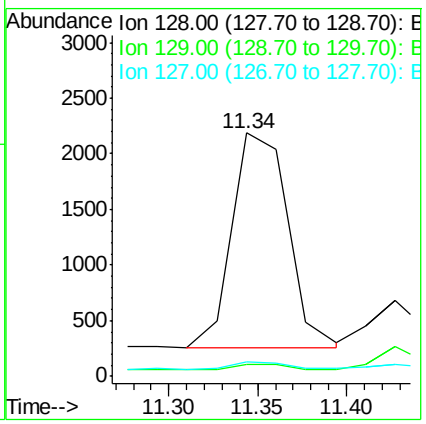


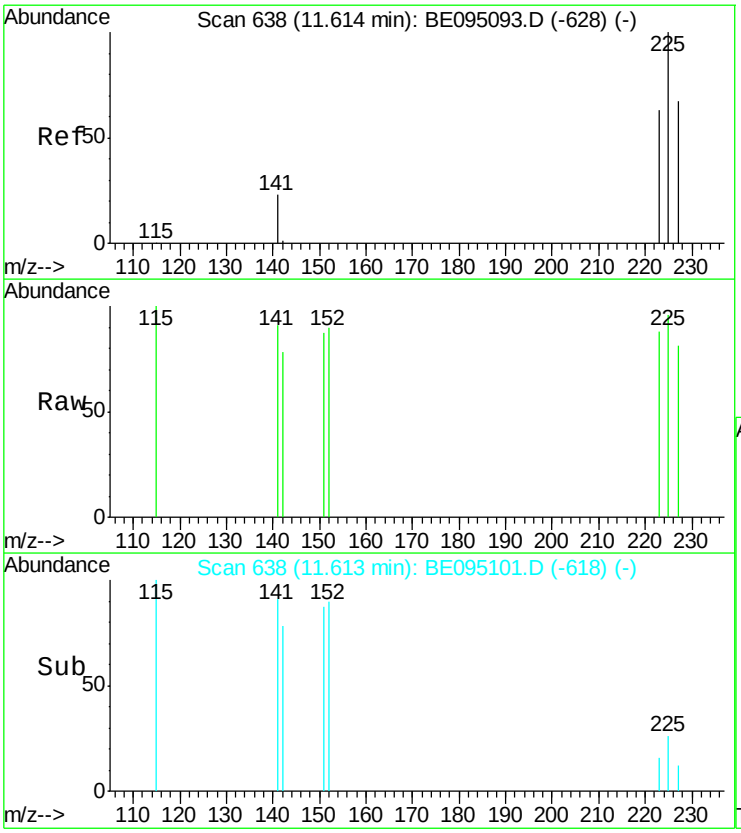
#9
Naphthalene
Concen: 0.021 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 4275

Ion	Ratio	Lower	Upper
128	100		
129	4.9	2.6	3.8#
127	6.1	2.8	4.2#

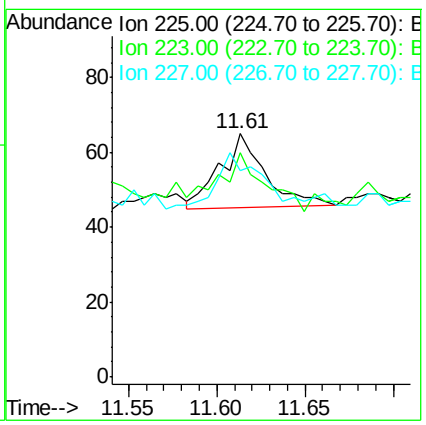


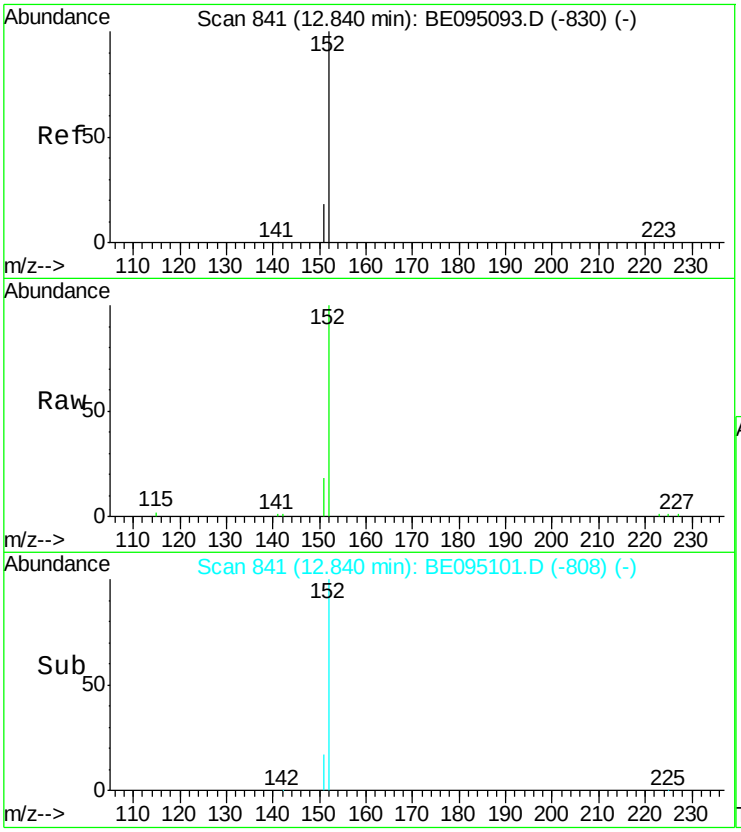


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 11.61 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:225 Resp: 34

Ion	Ratio	Lower	Upper
225	100		
223	88.2	53.0	79.6#
227	64.7	51.4	77.2



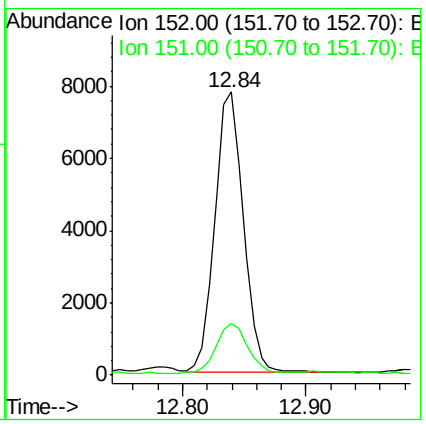


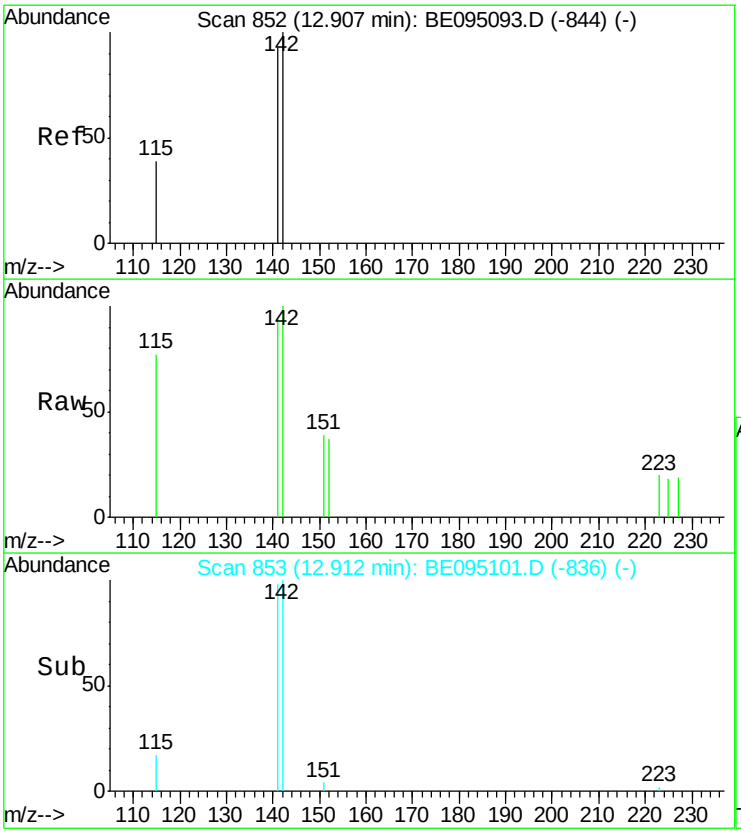
#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12496

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

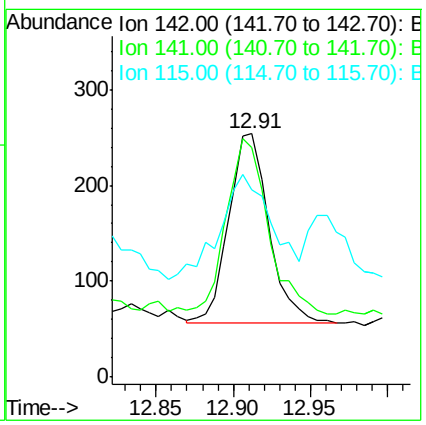


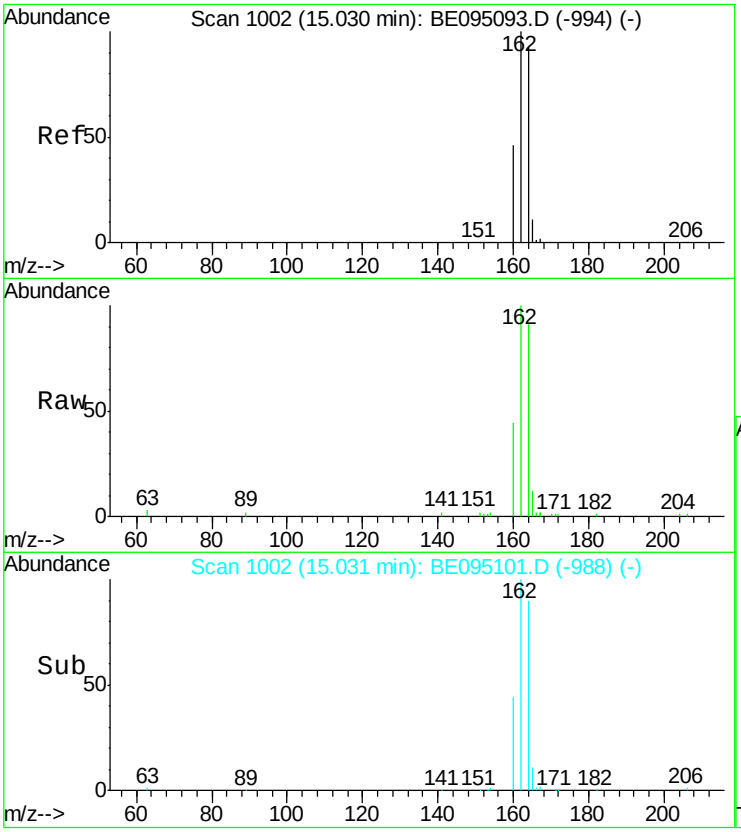


#12
2-Methylnaphthalene
Concen: 0.010 ng
RT: 12.91 min Scan# 853
Delta R.T. 0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:142 Resp: 359

Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.4	105.6
115	76.8	31.7	47.5#



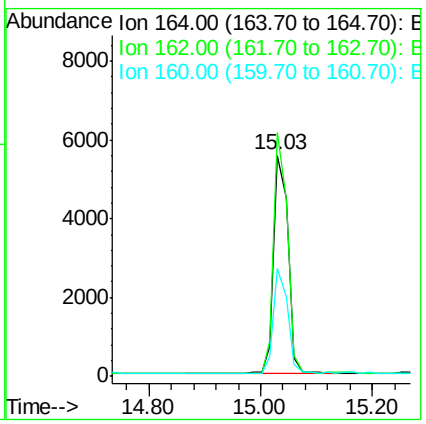


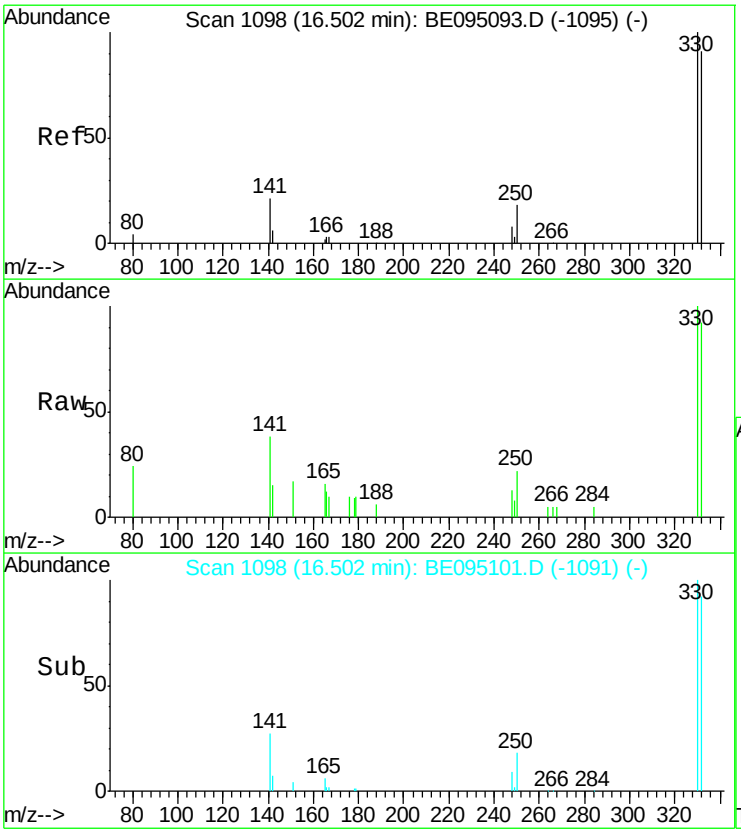
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10070

Ion	Ratio	Lower	Upper
164	100		
162	110.2	83.1	124.7
160	48.9	37.1	55.7

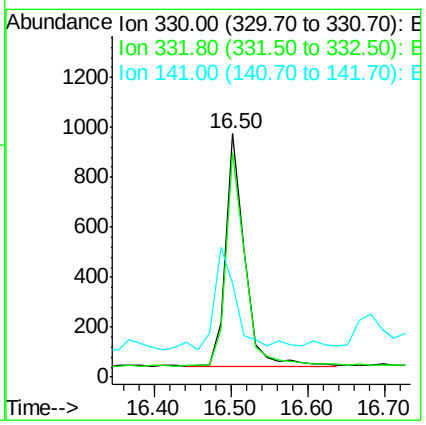


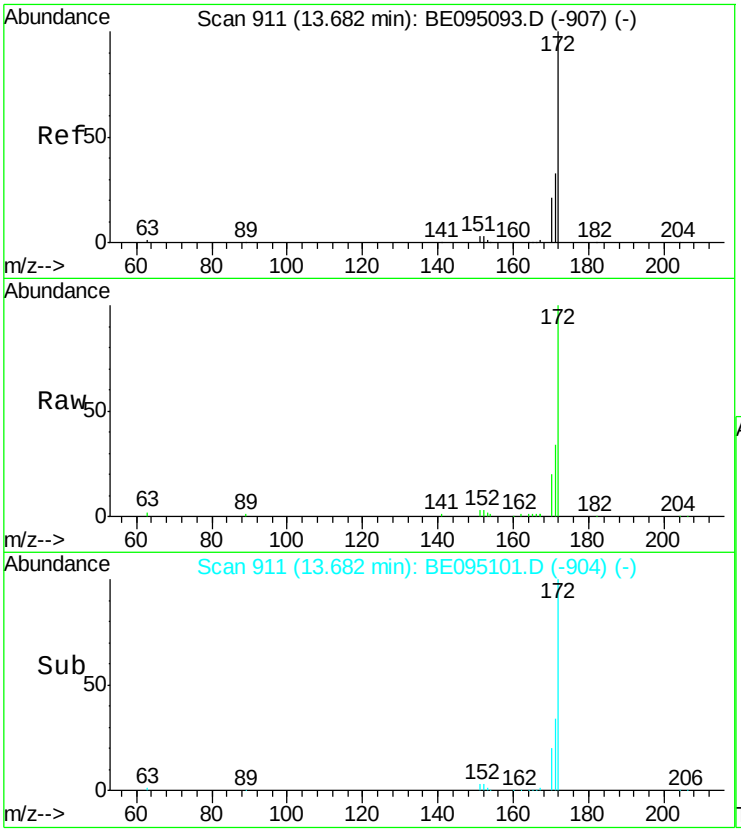


#14
2,4,6-Tribromophenol
Concen: 0.560 ng
RT: 16.50 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:330 Resp: 1586

Ion	Ratio	Lower	Upper
330	100		
332	93.2	152.7	229.1#
141	49.3	33.7	50.5



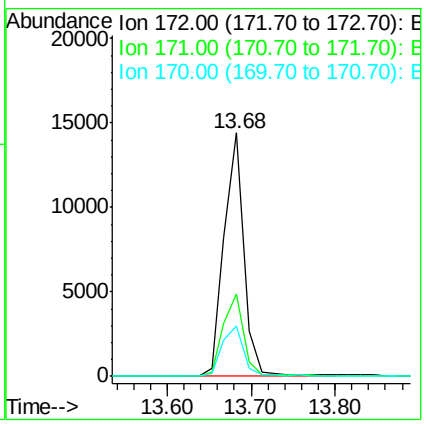


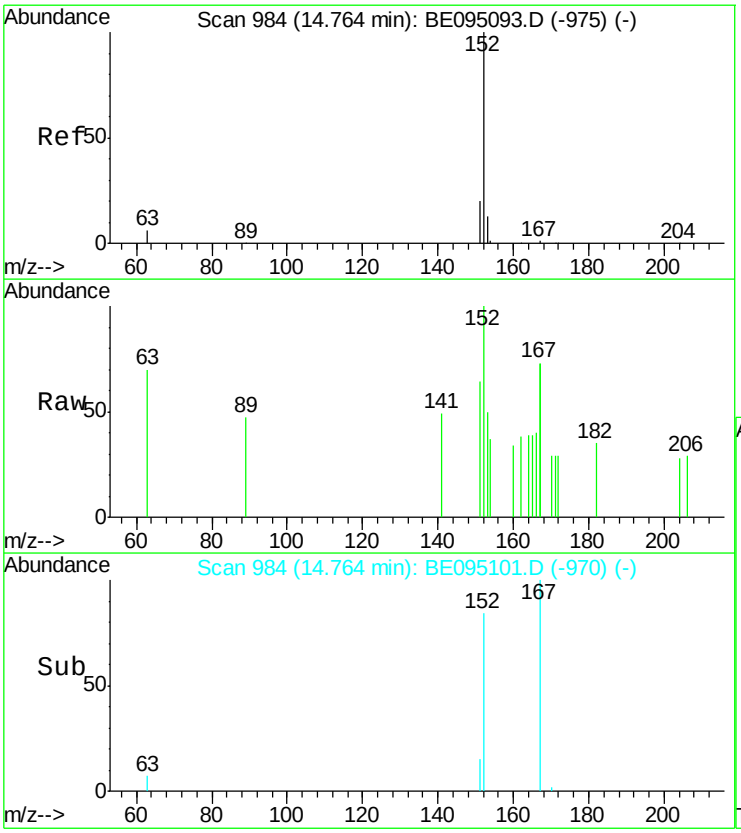
#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23178

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	20.5	21.8	32.8#

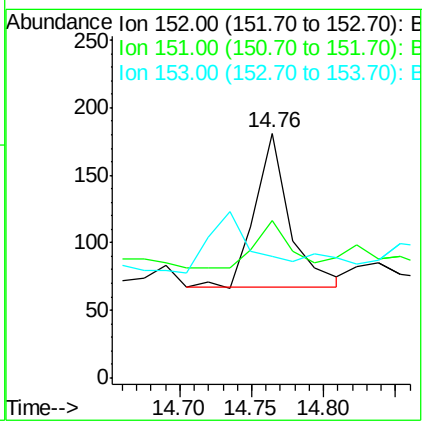


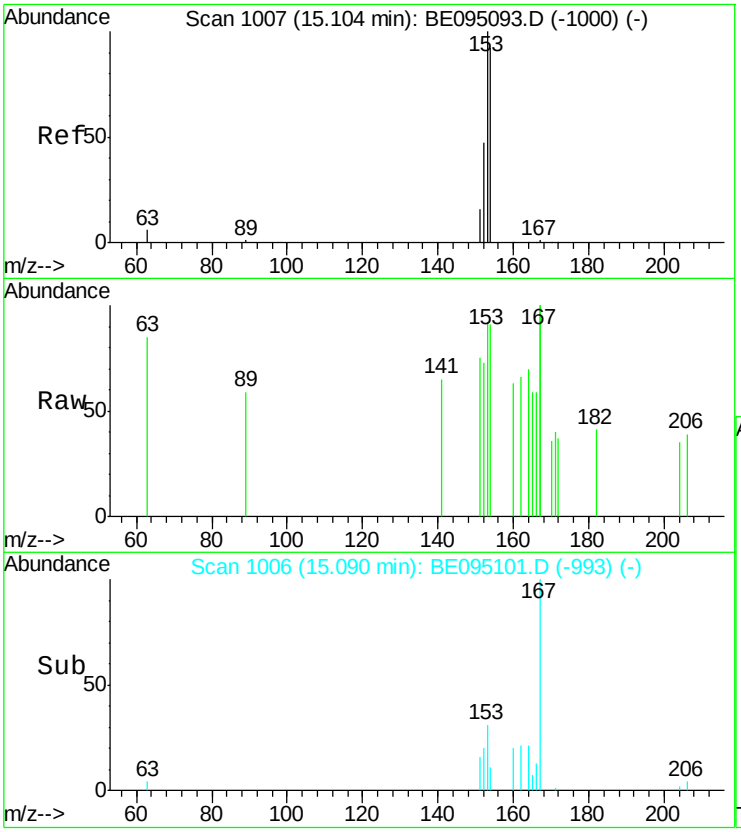


#16
Acenaphthylene
Concen: 0.004 ng
RT: 14.76 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:152 Resp: 194

Ion	Ratio	Lower	Upper
152	100		
151	30.4	15.7	23.5#
153	0.0	10.5	15.7#



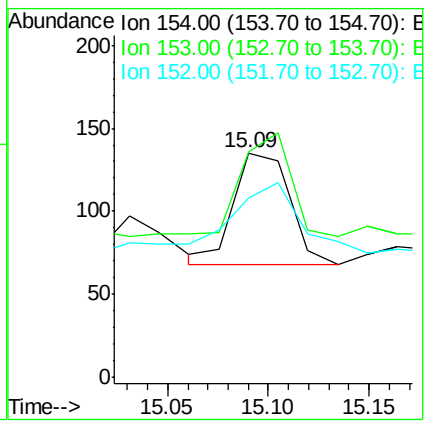


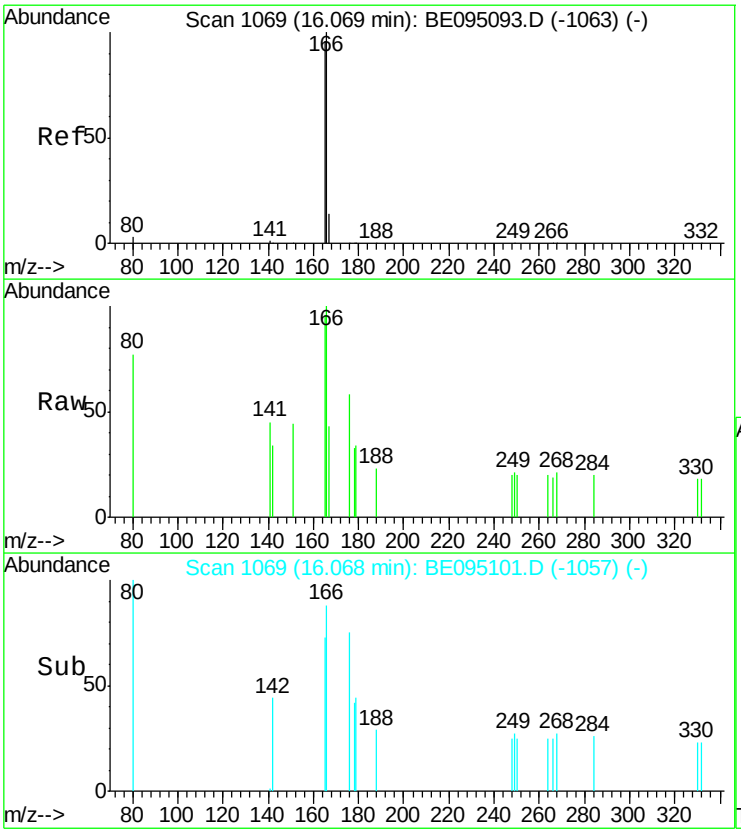
#17
Acenaphthene
Concen: 0.004 ng
RT: 15.09 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 130

Ion	Ratio	Lower	Upper
154	100		
153	81.5	89.2	133.8#
152	76.9	42.0	63.0#

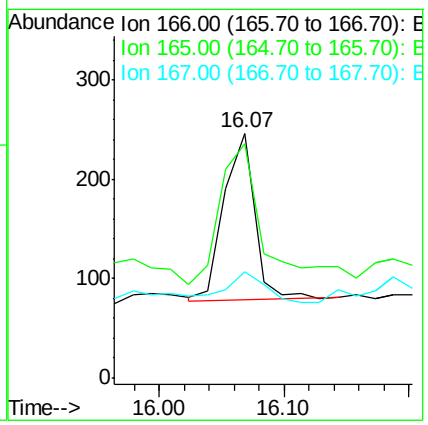


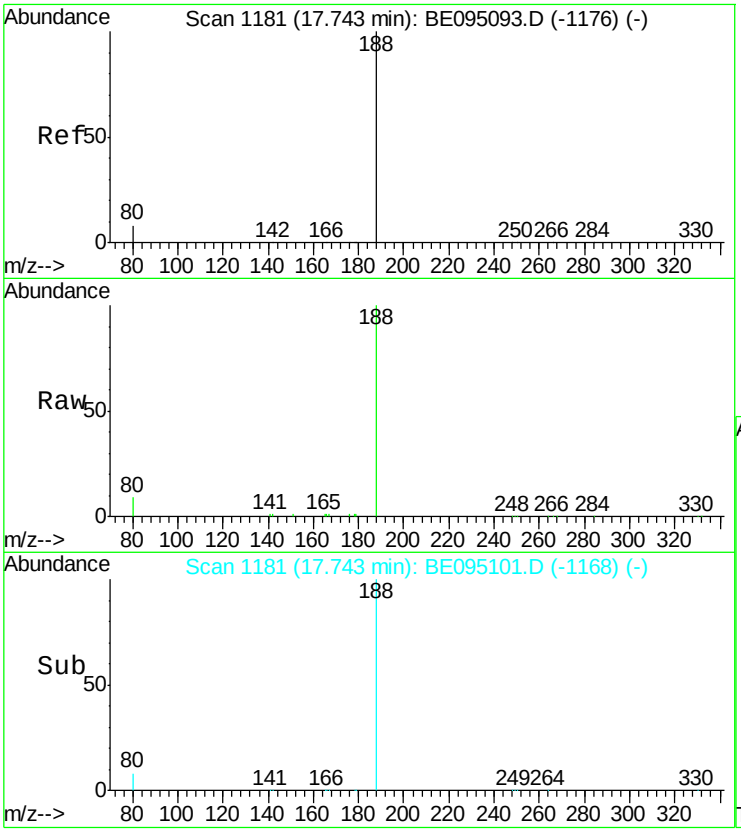


#18
Fluorene
Concen: 0.006 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:166 Resp: 284

Ion	Ratio	Lower	Upper
166	100		
165	122.5	77.8	116.6#
167	24.6	42.4	63.6#



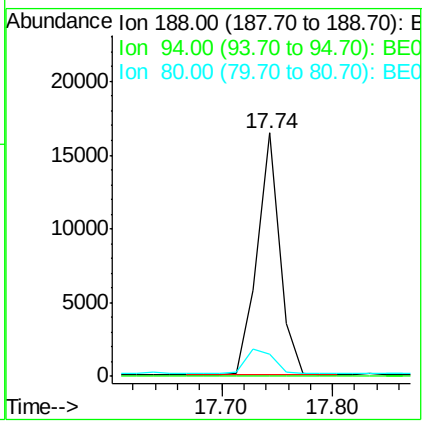


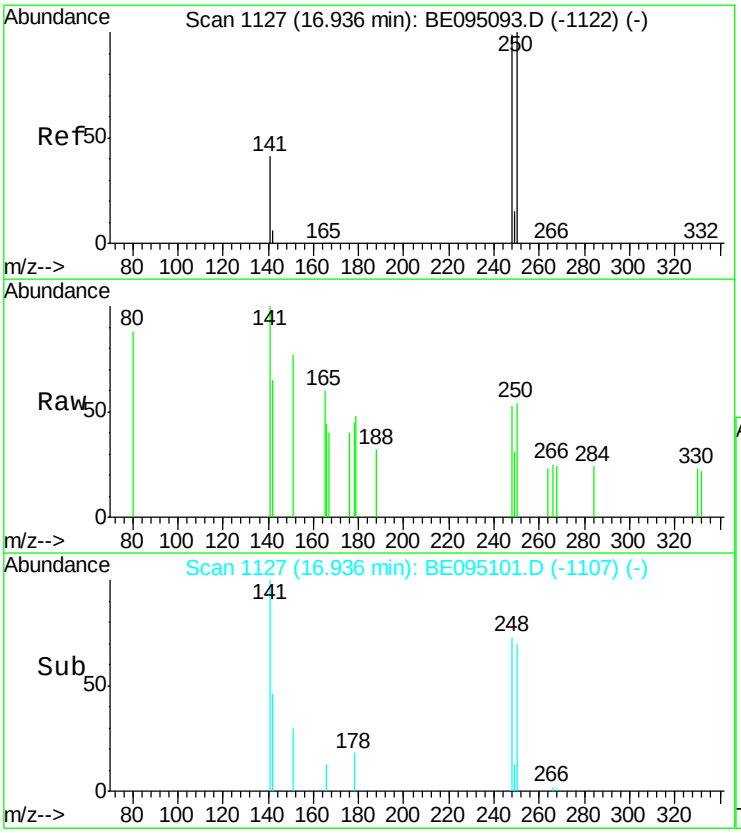
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23298

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.0	3.6	5.4#

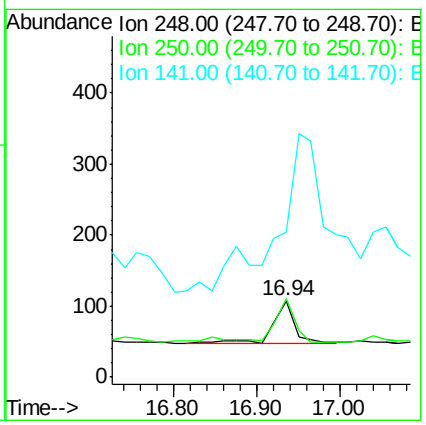


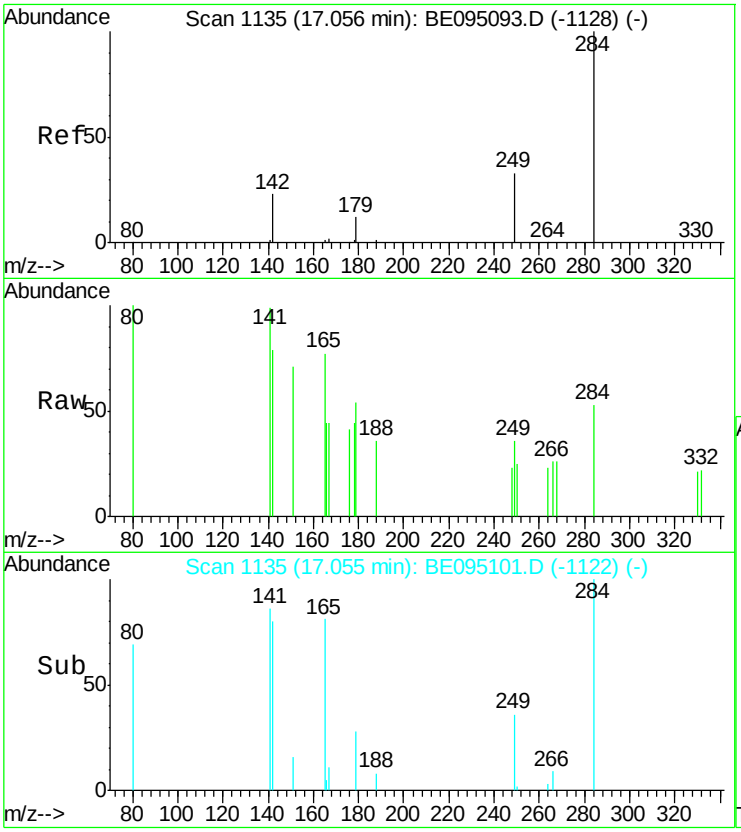


#20
4-Bromophenyl-phenylether
Concen: 0.009 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:248 Resp: 117

Ion	Ratio	Lower	Upper
248	100		
250	102.8	62.7	94.1#
141	189.8	48.2	72.2#



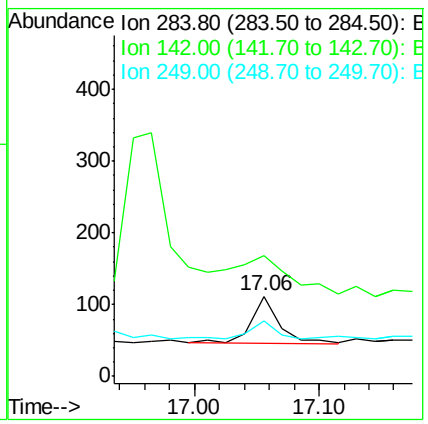


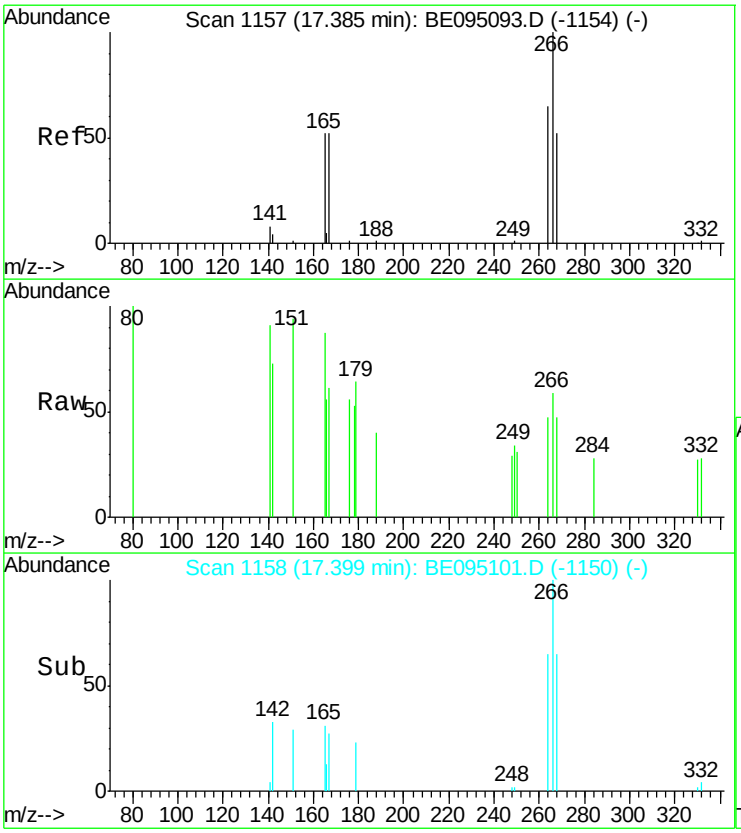
#21
Hexachlorobenzene
Concen: 0.007 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 100

Ion	Ratio	Lower	Upper
284	100		
142	170.0	22.1	33.1#
249	39.0	34.8	52.2

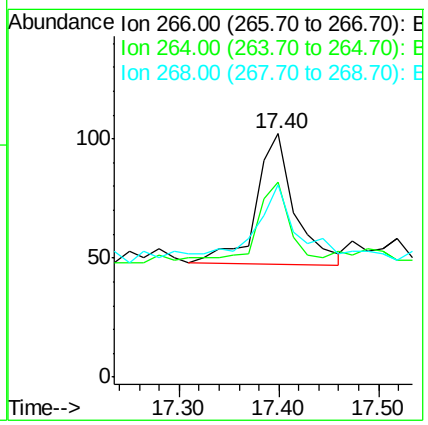


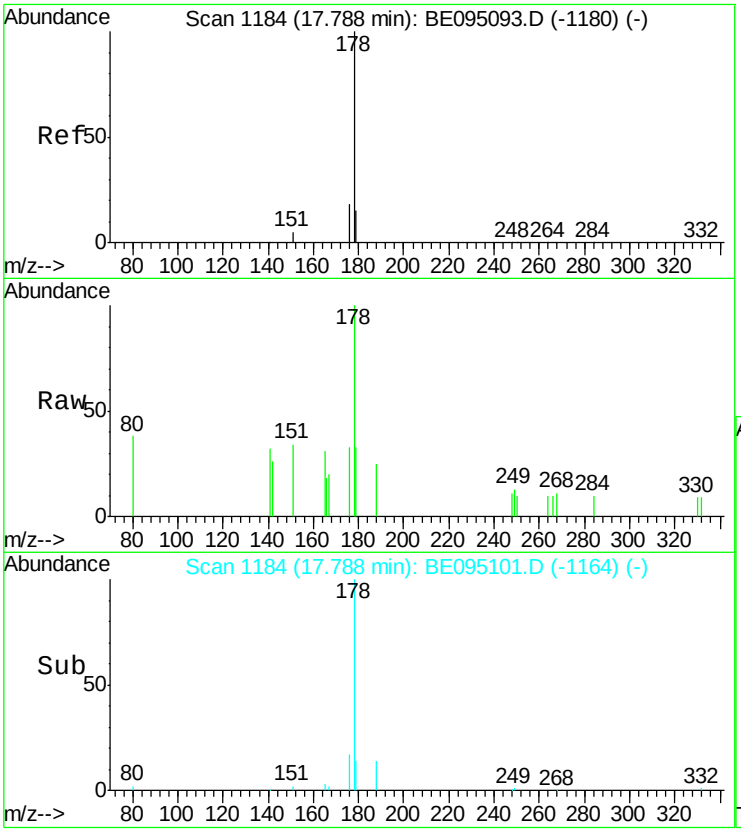


#22
Pentachlorophenol
Concen: 0.086 ng
RT: 17.40 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:266 Resp: 149

Ion	Ratio	Lower	Upper
266	100		
264	80.4	72.5	108.7
268	79.4	73.8	110.6



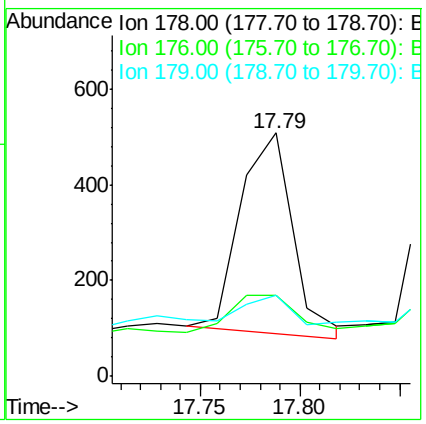


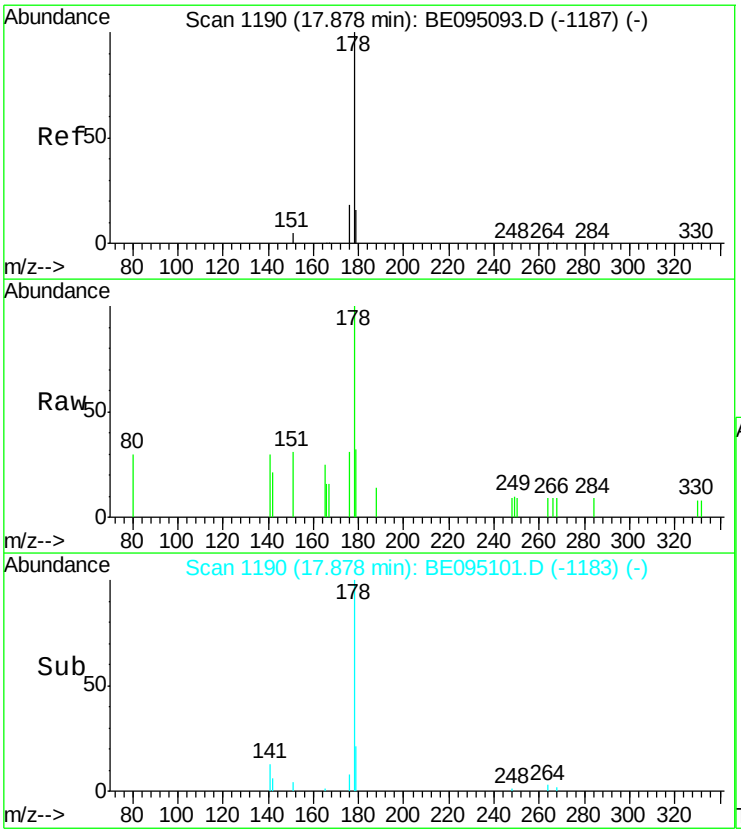
#23
Phenanthrene
Concen: 0.010 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 753

Ion	Ratio	Lower	Upper
178	100		
176	30.5	15.1	22.7#
179	10.6	11.8	17.6#

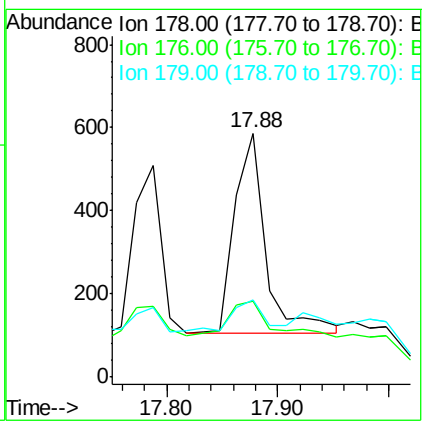


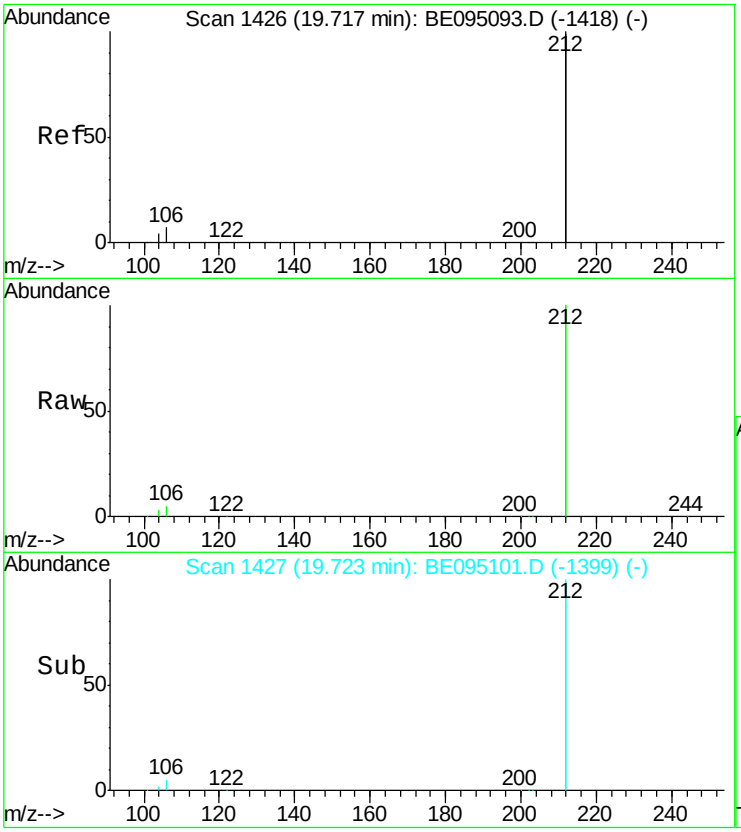


#24
Anthracene
Concen: 0.015 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:178 Resp: 935

Ion	Ratio	Lower	Upper
178	100		
176	22.0	12.8	19.2#
179	14.8	13.0	19.6



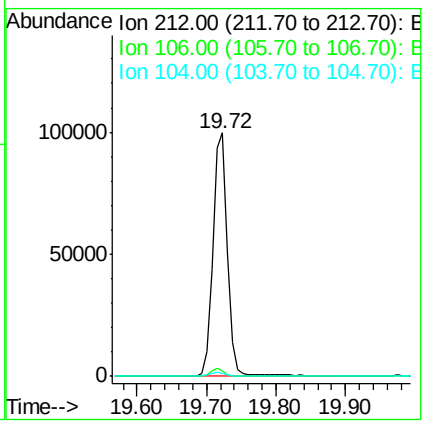


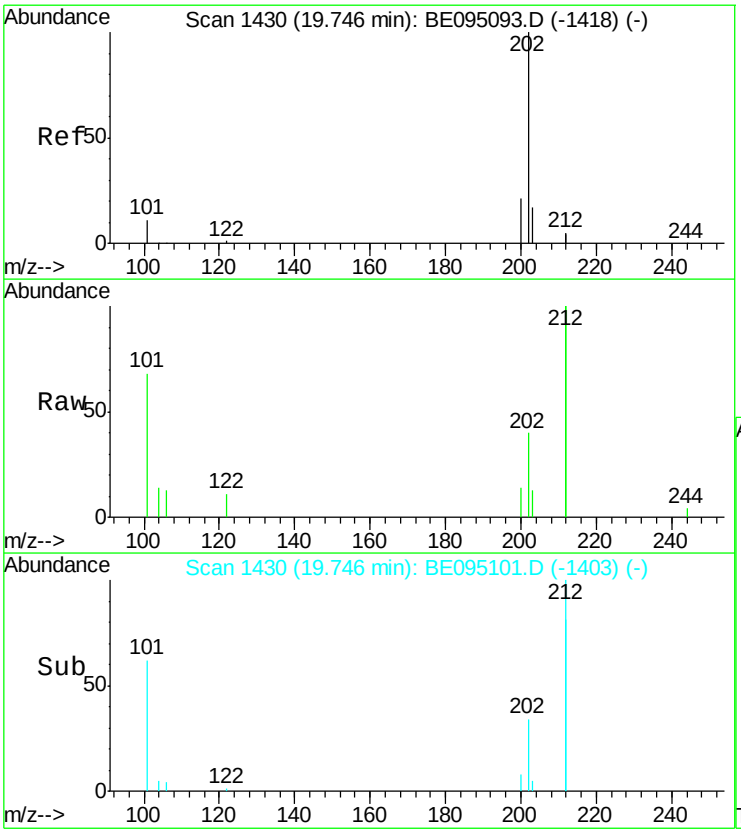
#25
Fluoranthene-d10
Concen: 0.481 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 141092

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

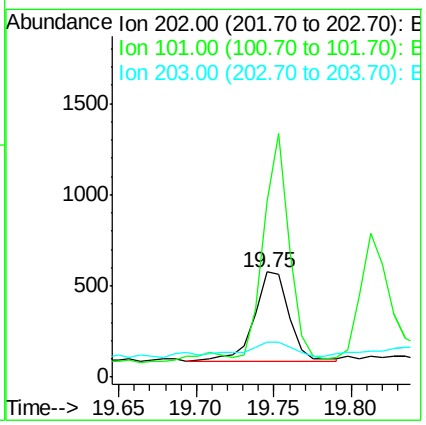


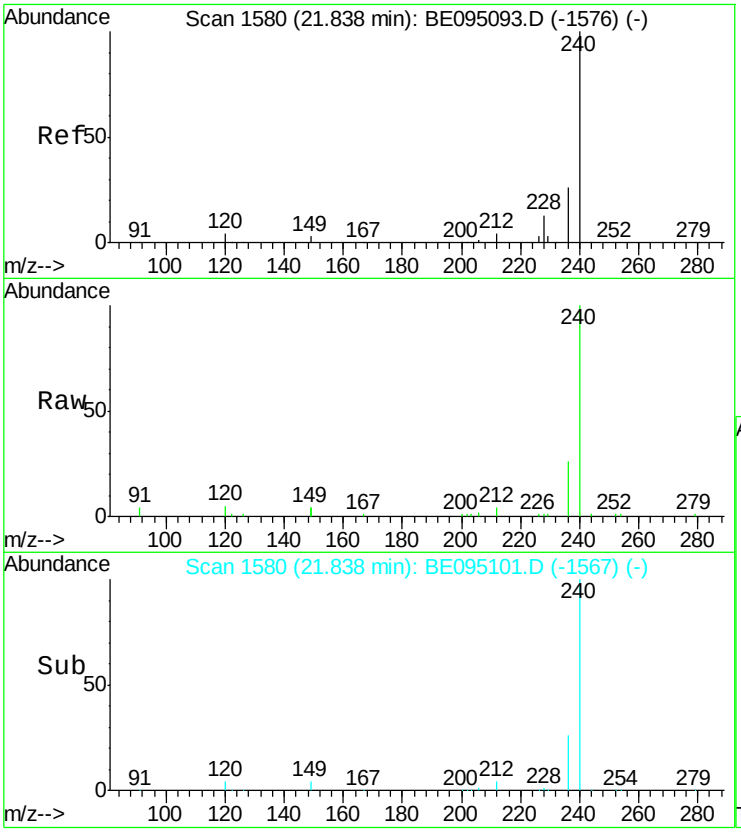


#26
Fluoranthene
Concen: 0.009 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:202 Resp: 762

Ion	Ratio	Lower	Upper
202	100		
101	184.9	9.8	14.8#
203	21.3	13.7	20.5#



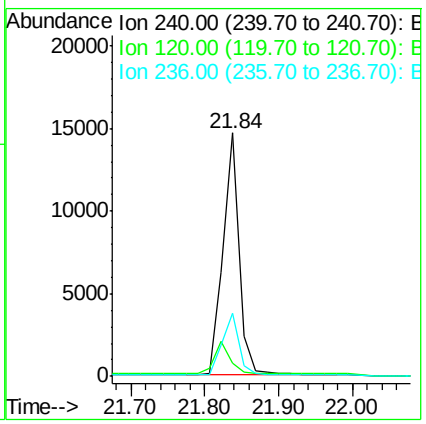


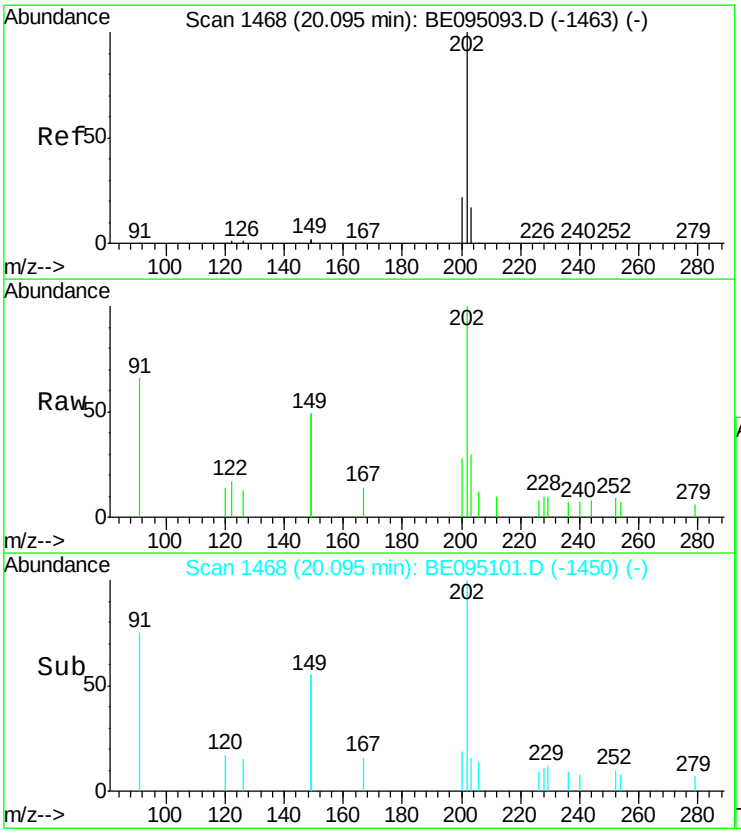
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22560

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.5	8.3#
236	26.2	20.7	31.1

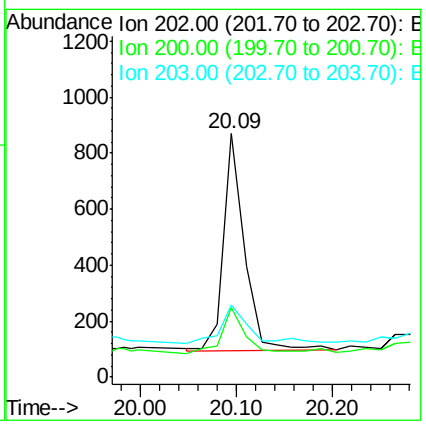


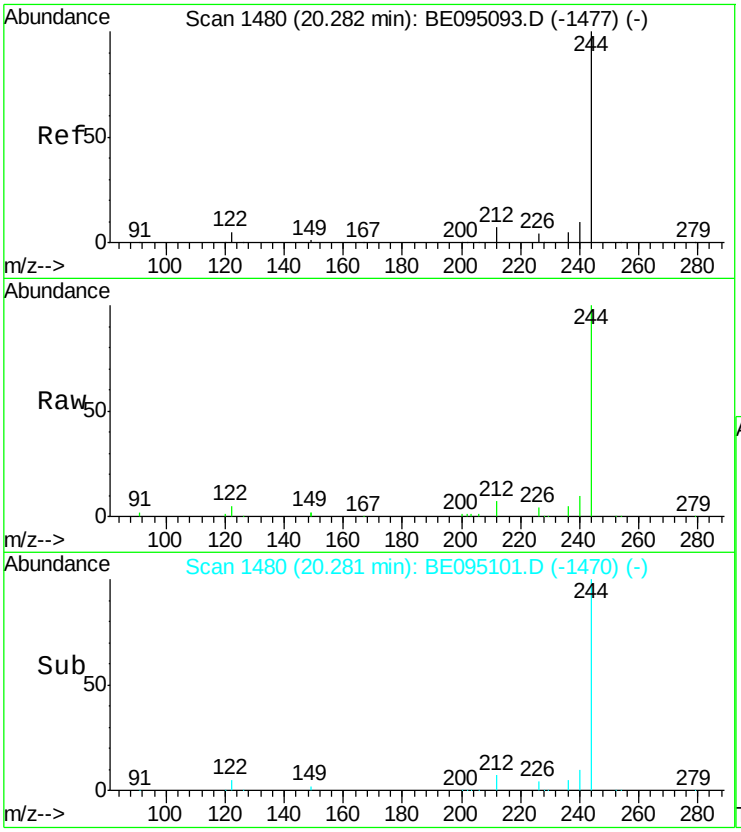


#28
Pyrene
Concen: 0.012 ng
RT: 20.09 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:202 Resp: 1178

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.6	25.0
203	21.0	13.8	20.8#



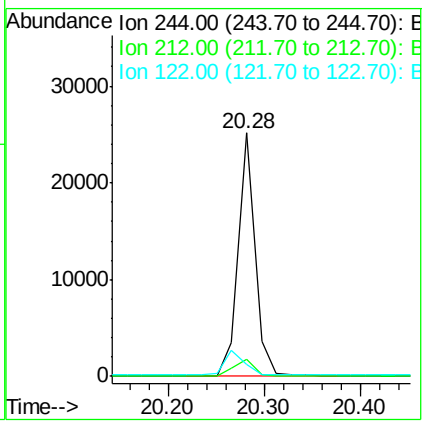


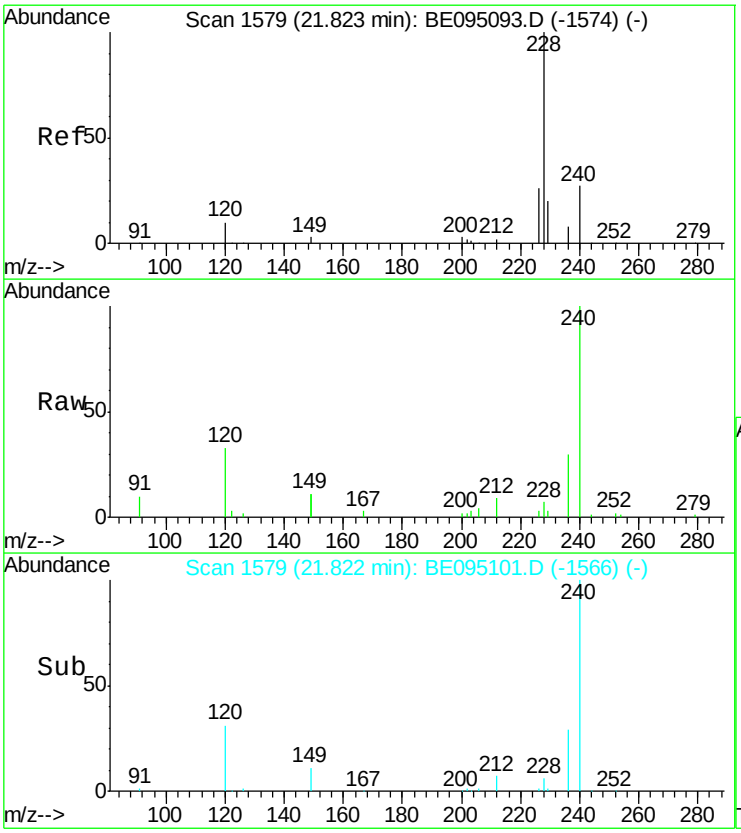
#29
Terphenyl-d14
Concen: 0.658 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 30407

Ion	Ratio	Lower	Upper
244	100		
212	7.2	25.4	38.0#
122	5.2	8.1	12.1#

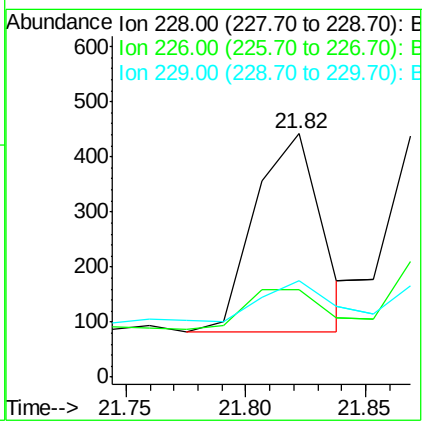


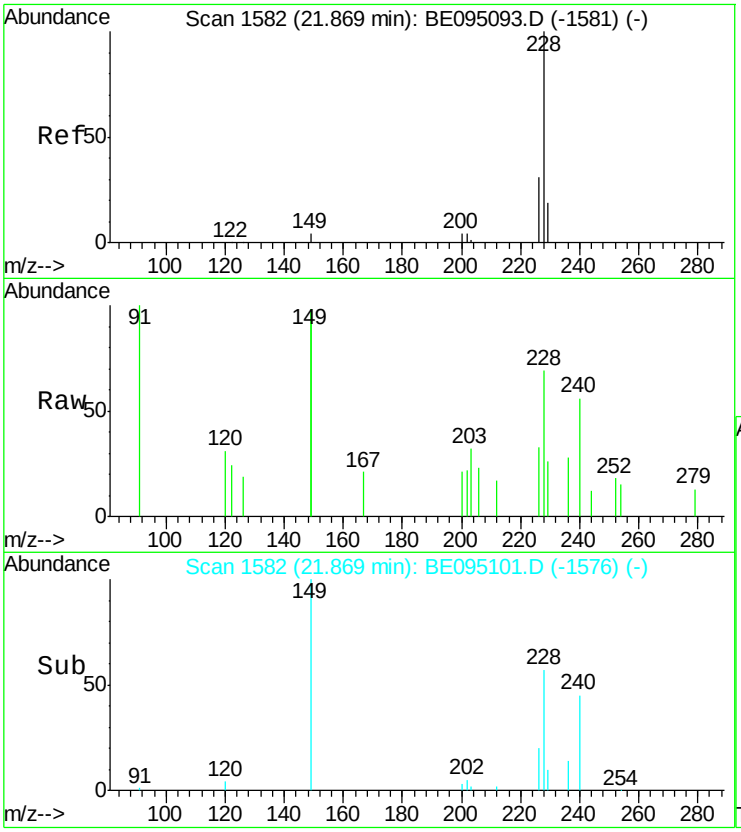


#30
Benzo(a)anthracene
Concen: 0.010 ng
RT: 21.82 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:228 Resp: 693

Ion	Ratio	Lower	Upper
228	100		
226	36.2	24.0	36.0#
229	39.6	16.0	24.0#



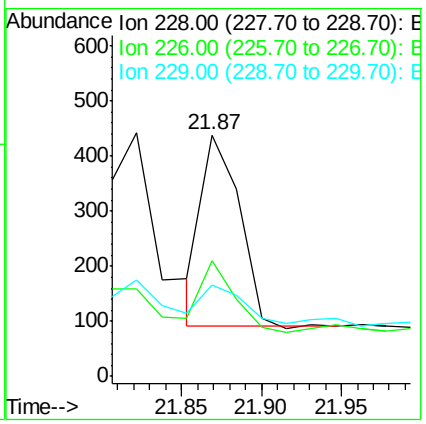


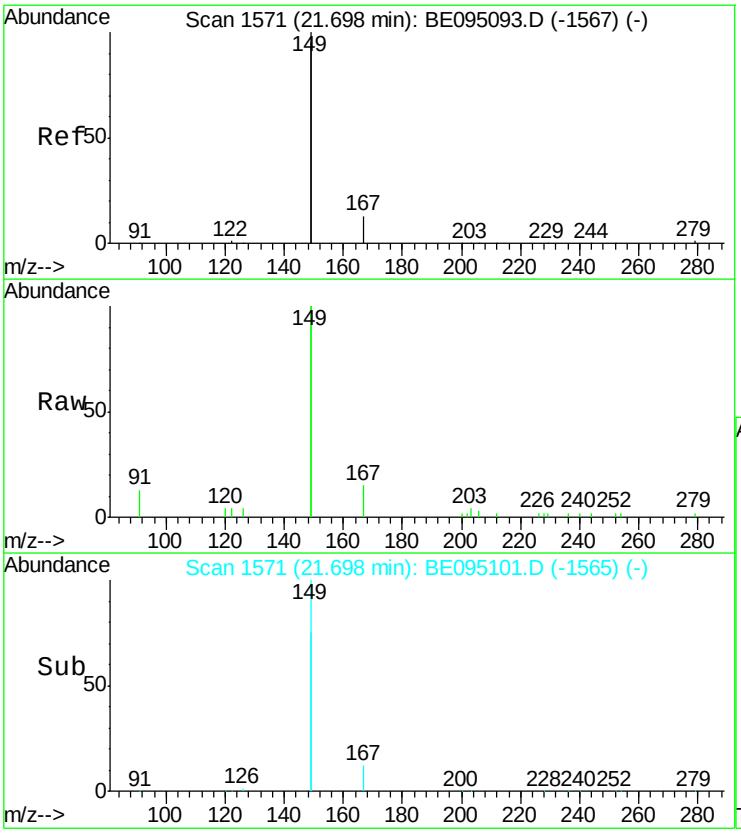
#31
Chrysene
Concen: 0.008 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 565

Ion	Ratio	Lower	Upper
228	100		
226	47.7	24.0	36.0#
229	38.1	16.0	24.0#

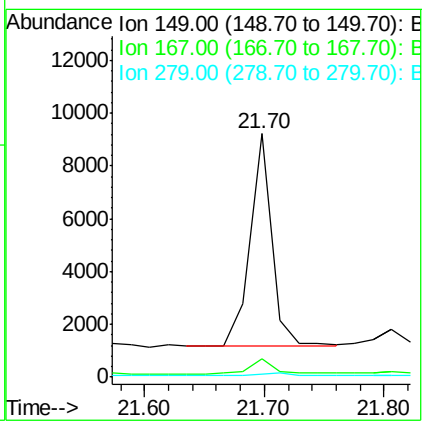


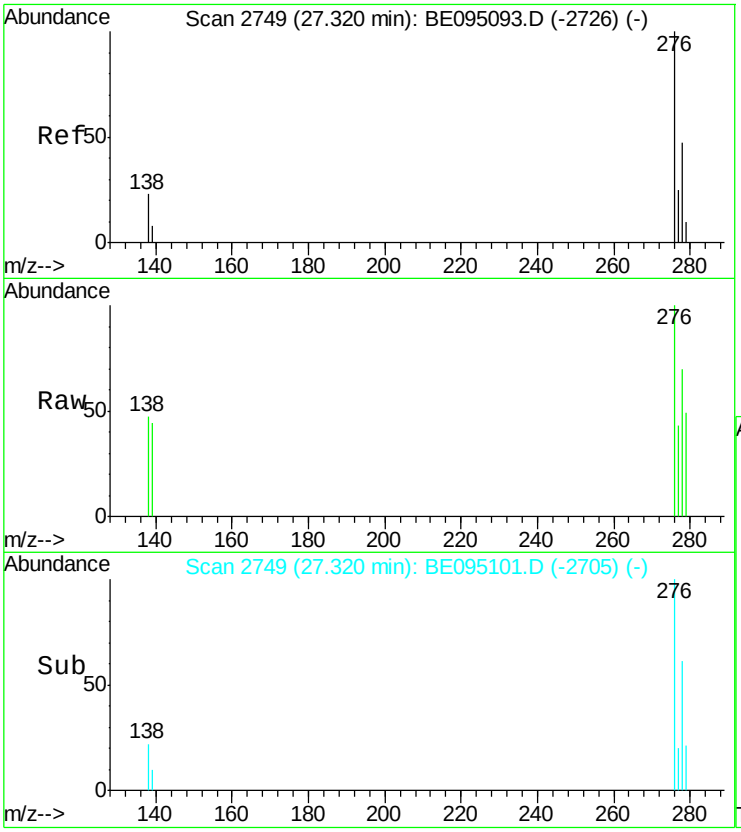


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:149 Resp: 10221

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.0
279	1.1	0.7	1.1#



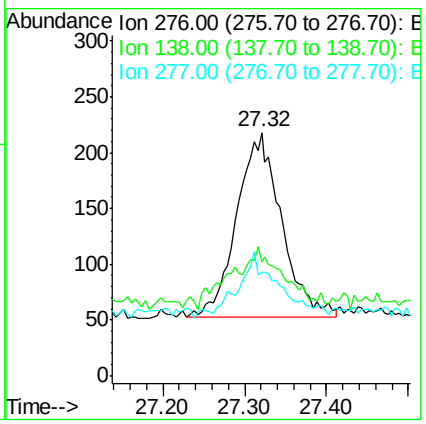


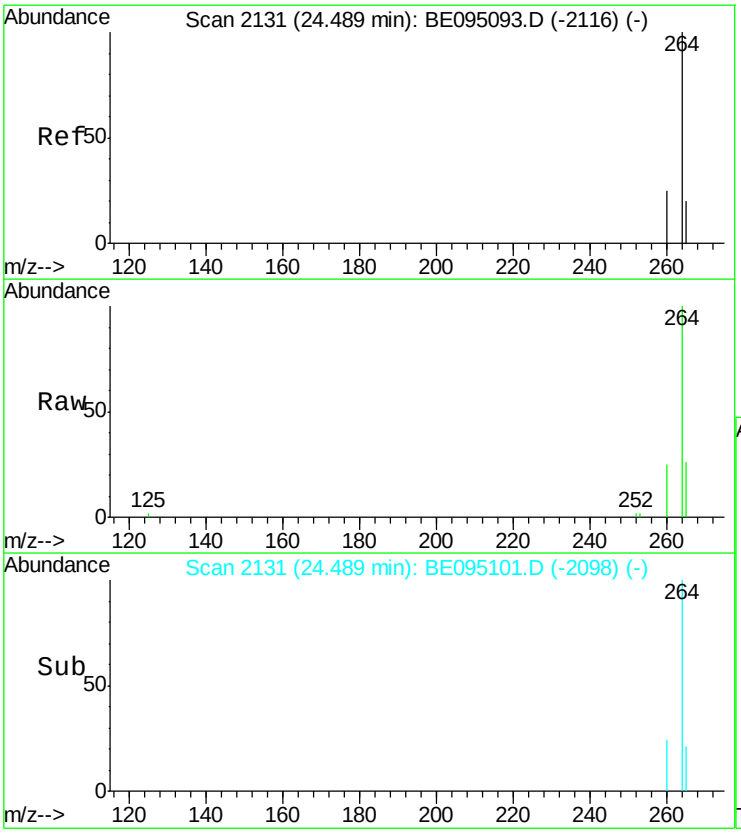
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.010 ng
RT: 27.32 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 623

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.5	33.7
277	26.6	19.9	29.9

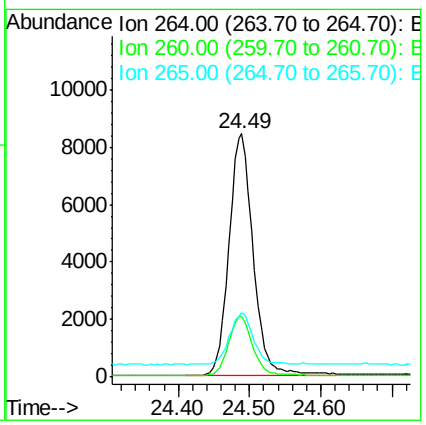


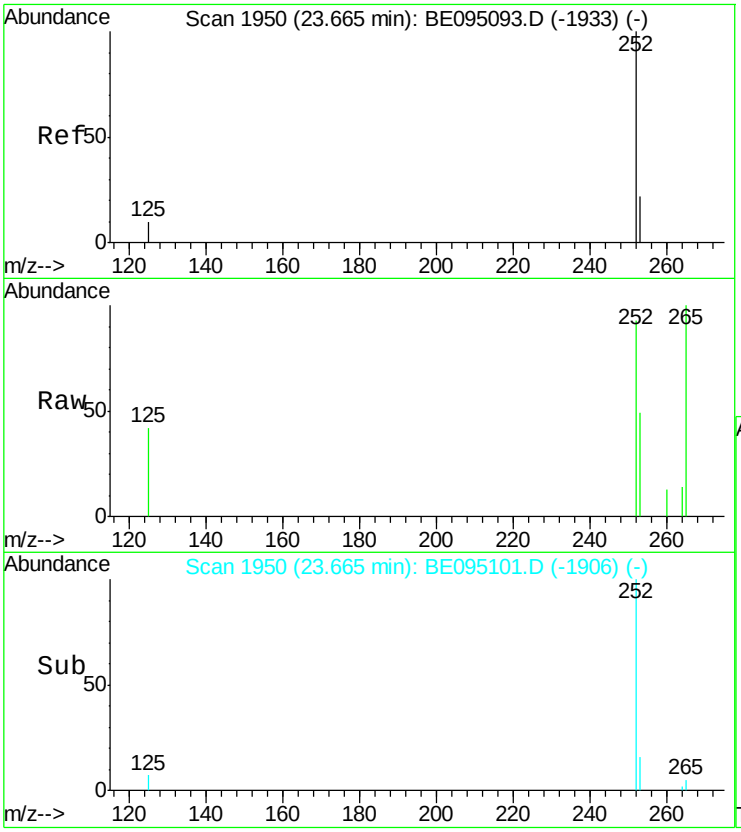


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:264 Resp: 19895

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	26.5	22.8	34.2



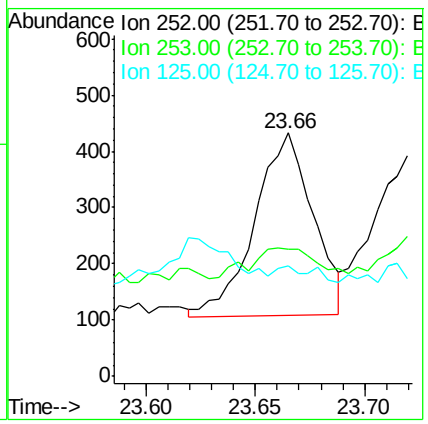


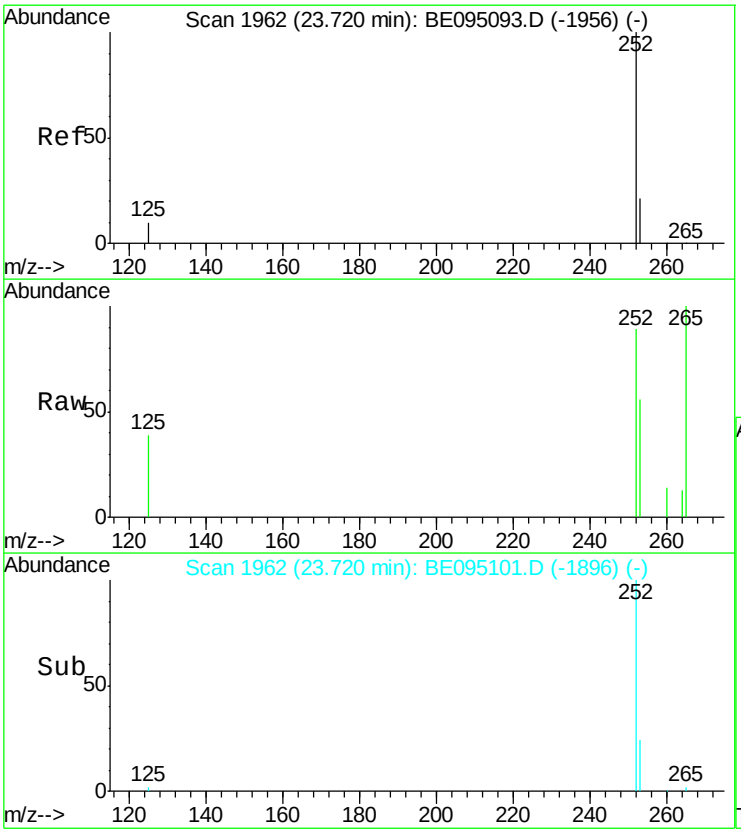
#35
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 604

Ion	Ratio	Lower	Upper
252	100		
253	52.2	20.0	30.0#
125	45.5	16.0	24.0#

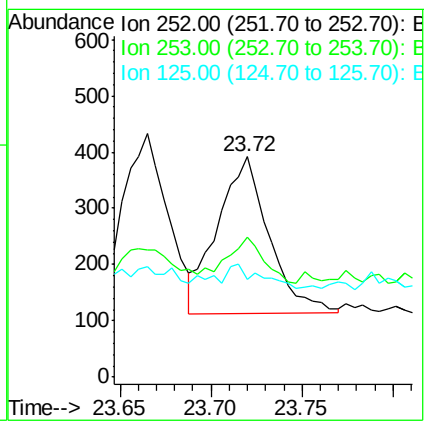


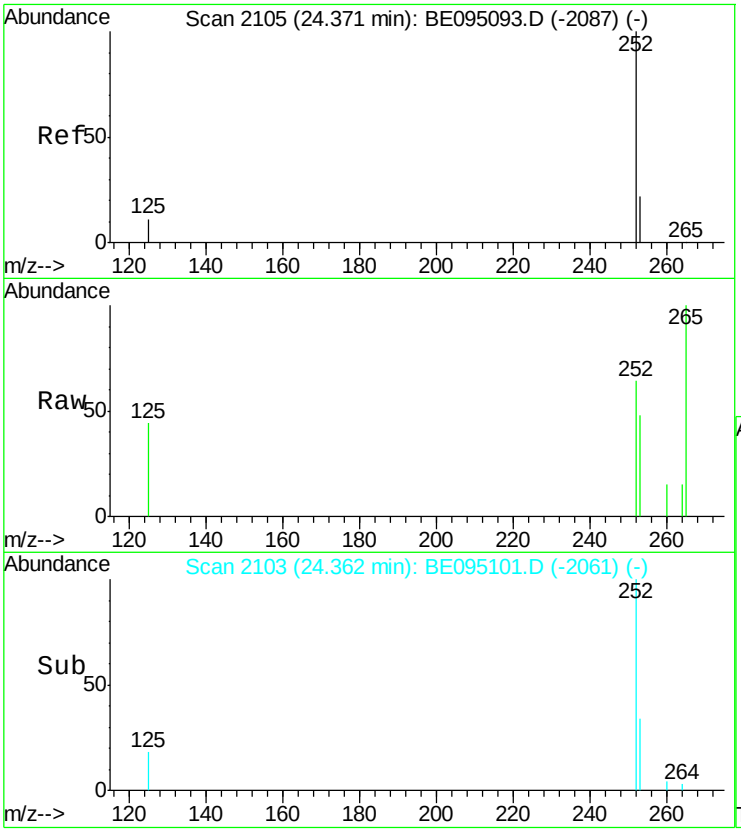


#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 23.72 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:252 Resp: 547

Ion	Ratio	Lower	Upper
252	100		
253	63.5	16.0	24.0#
125	44.4	8.0	12.0#



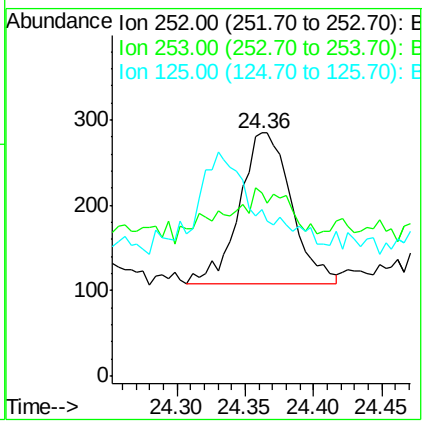


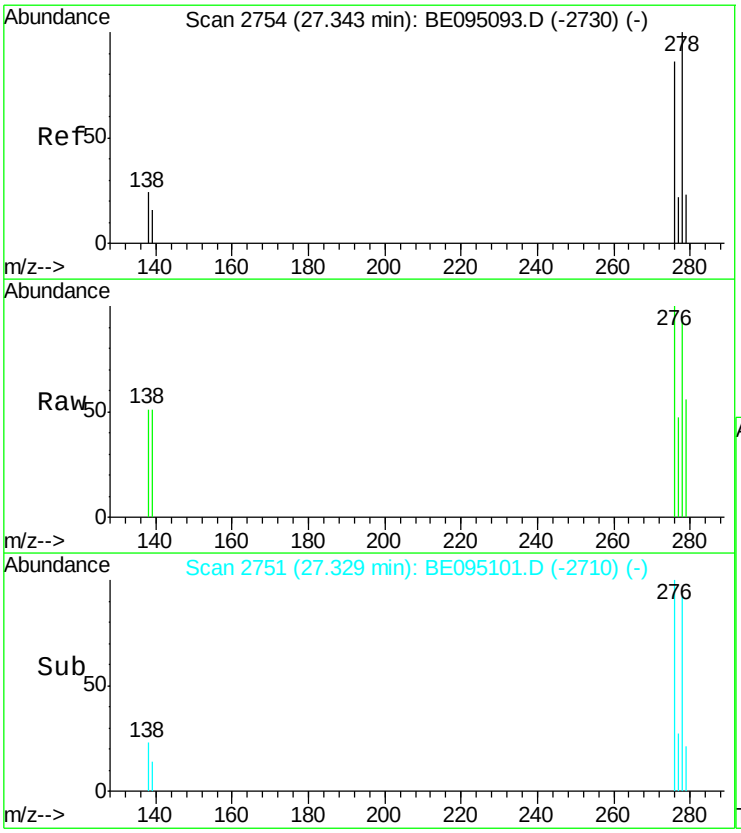
#37
Benzo(a)pyrene
Concen: 0.007 ng
RT: 24.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 469

Ion	Ratio	Lower	Upper
252	100		
253	75.1	16.0	24.0#
125	68.4	12.0	18.0#

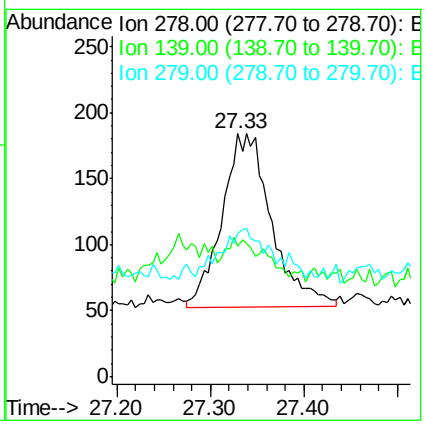


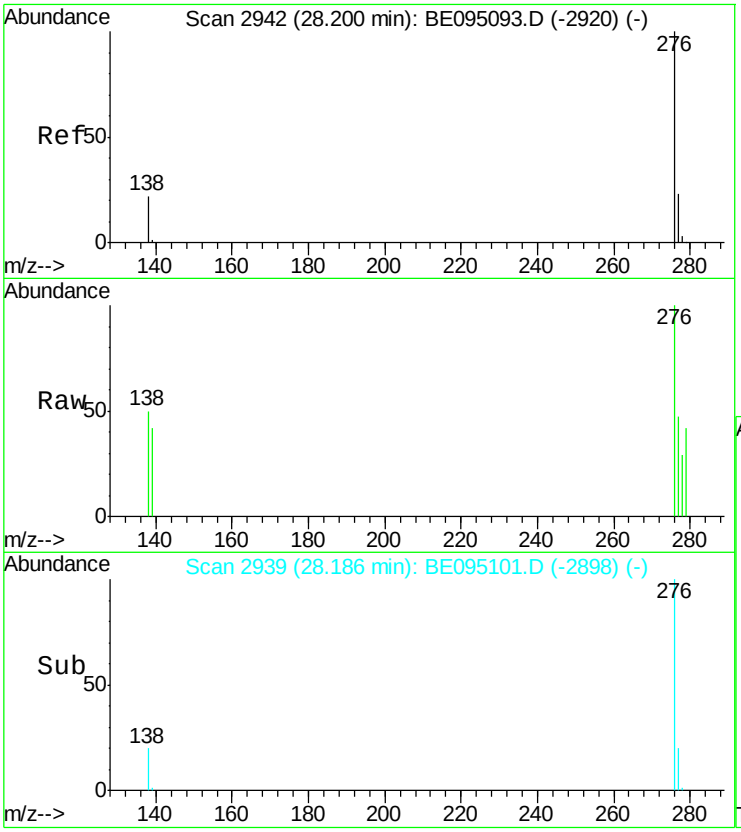


#38
Dibenzo(a,h)anthracene
Concen: 0.009 ng
RT: 27.33 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:278 Resp: 484

Ion	Ratio	Lower	Upper
278	100		
139	53.8	16.0	24.0#
279	59.2	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.009 ng
RT: 28.19 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 512

Ion	Ratio	Lower	Upper
276	100		
277	46.8	16.0	24.0#
138	50.0	20.0	30.0#