Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095104.D
Acq On : 23 Jan 2018 19:14
Operator : SJ/JU
Sample : J1189-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 24 01:11:14 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	6608	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	15865	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	9012	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	20639	0.40	ng		0.00
27) Chrysene-d12	21.84	240	19844	0.40	ng		0.00
34) Perylene-d12	24.48	264	17715	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	1995	0.19	ng		0.00
5) Phenol-d6	7.59	99	1839	0.11	ng		0.01
8) Nitrobenzene-d5	9.55	82	437	0.03	ng		-0.09
11) 2-Methylnaphthalene-d10	12.84	152	11560	0.44	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	1661	0.64	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	21621	0.55	ng		0.00
25) Fluoranthene-d10	19.72	212	122825	0.47	ng		0.00
29) Terphenyl-d14	20.28	244	25879	0.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	158	0.024	ng	#	1
3) n-Nitrosodimethylamine	4.00	42	468	0.060	ng	#	1
6) bis(2-Chloroethyl)ether	7.80	93	1395	0.092	ng	#	1
9) Naphthalene	11.34	128	29046	0.160	ng	#	91
10) Hexachlorobutadiene	11.58	225	1	0.000	ng	#	1
12) 2-Methylnaphthalene	12.91	142	999	0.032	ng	#	68
16) Acenaphthylene	14.76	152	803	0.017	ng	#	44
17) Acenaphthene	15.10	154	31817	1.014	ng		96
18) Fluorene	16.07	166	2825	0.072	ng	#	85
20) 4-Bromophenyl-phenylether	16.92	248	31	0.003	ng	#	1
21) Hexachlorobenzene	17.06	284	14	0.001	ng	#	1
22) Pentachlorophenol	17.40	266	106	0.075	ng		85
23) Phenanthrene	17.79	178	1226	0.019	ng		99
24) Anthracene	17.88	178	959	0.017	ng	#	77
26) Fluoranthene	19.75	202	281	0.004	ng	#	48
28) Pyrene	20.10	202	429	0.005	ng	#	32
30) Benzo(a)anthracene	21.87	228	266	0.004	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.70	149	9670	0.112	ng	#	97
33) Indeno(1,2,3-cd)pyrene	27.30	276	21	0.000	ng	#	86
35) Benzo(b)fluoranthene	23.66	252	110	0.002	ng	#	1
36) Benzo(k)fluoranthene	23.72	252	67	0.001	ng	#	1
37) Benzo(a)pyrene	24.36	252	50	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	27.34	278	123	0.003	ng	#	1
39) Benzo(g,h,i)perylene	28.20	276	53	0.001	ng	#	1

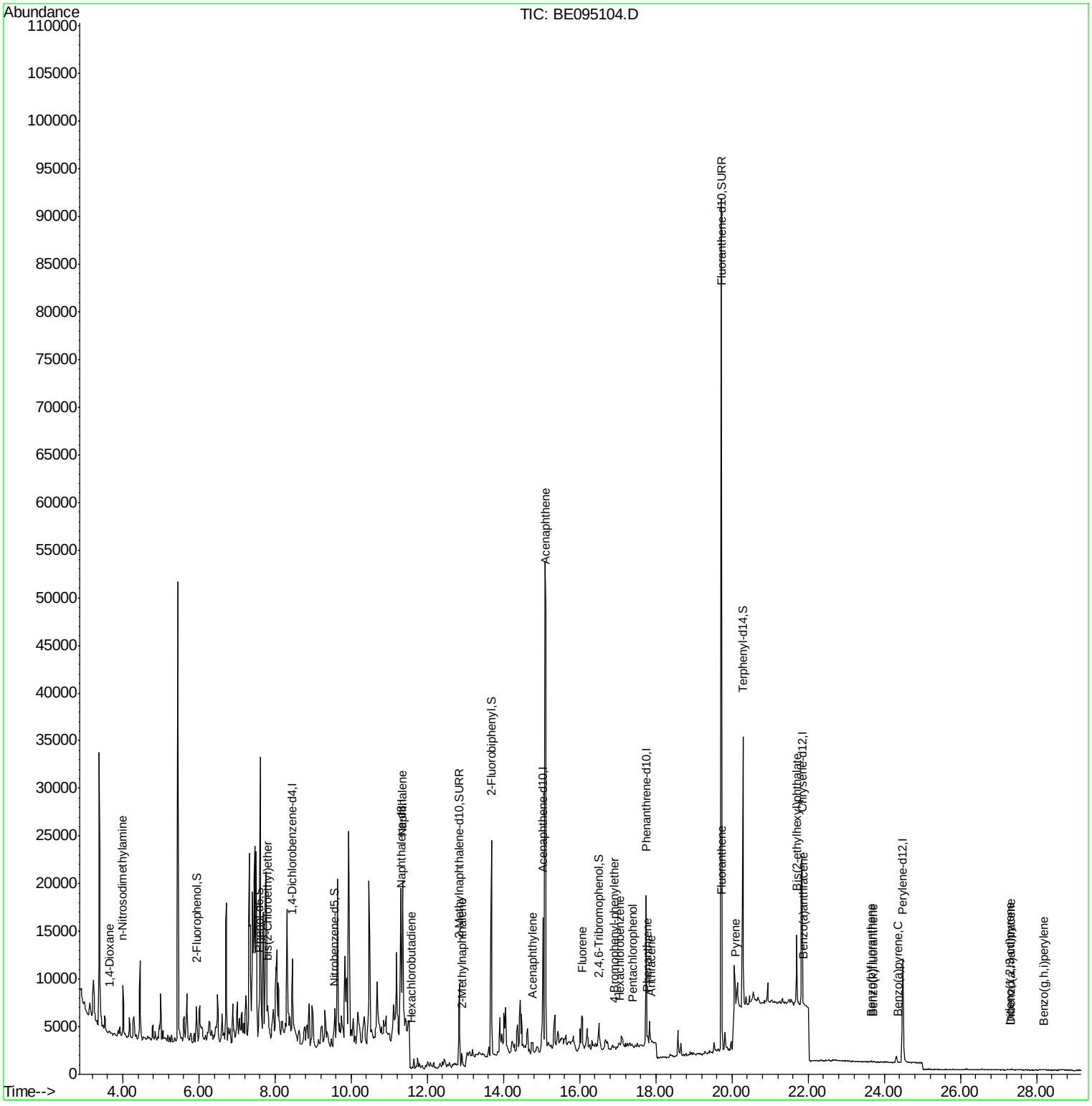
(#) = qualifier out of range (m) = manual integration (+) = signals summed

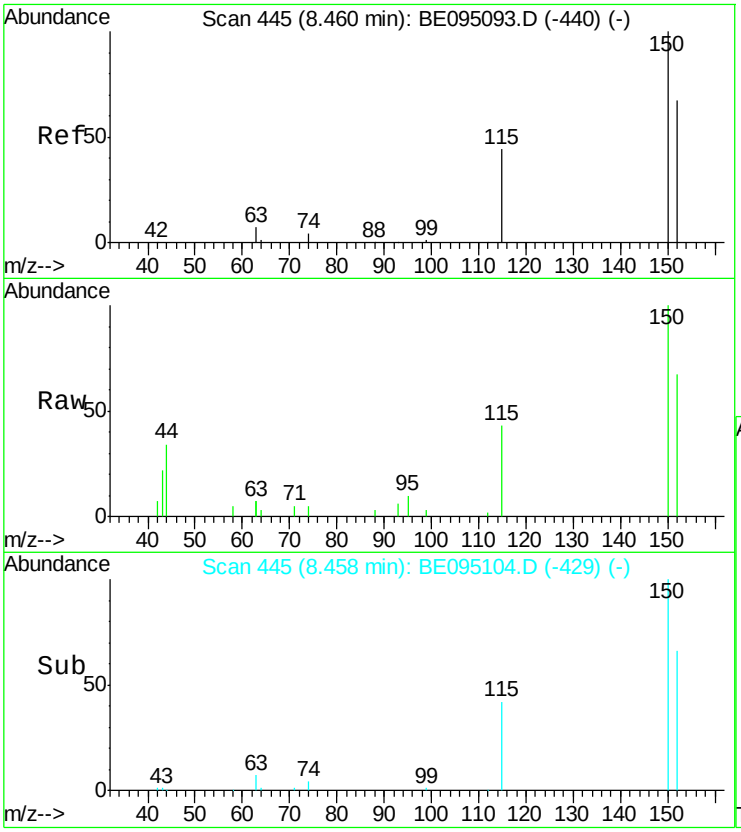
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095104.D
Acq On : 23 Jan 2018 19:14
Operator : SJ/JU
Sample : J1189-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 24 01:11:14 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



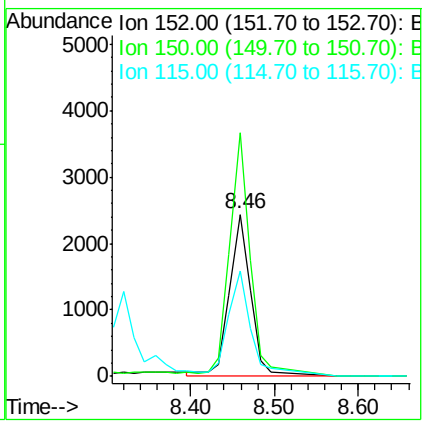


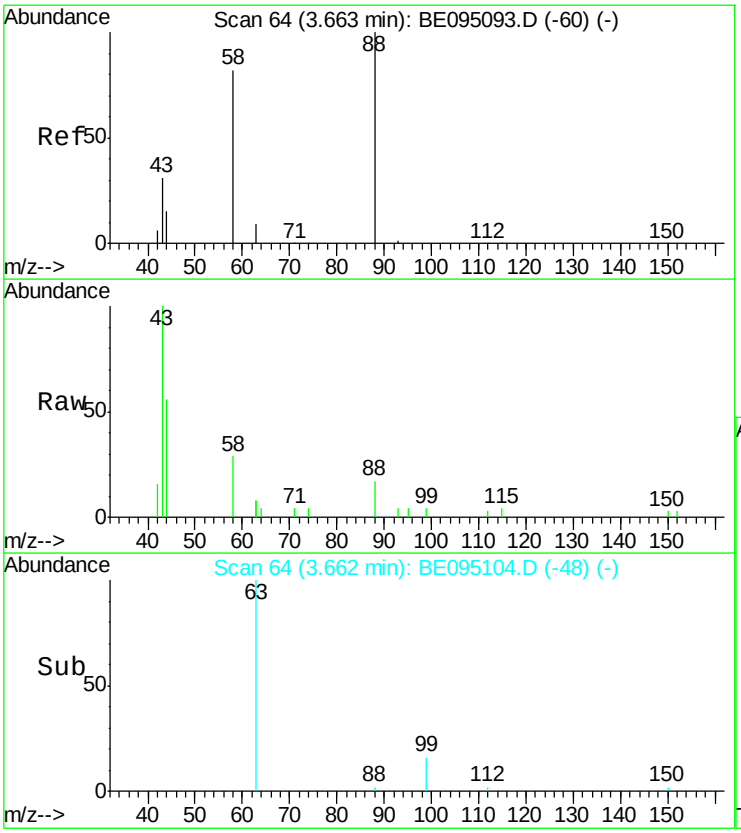
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6608

Ion	Ratio	Lower	Upper
152	100		
150	150.2	117.2	175.8
115	65.3	57.0	85.6

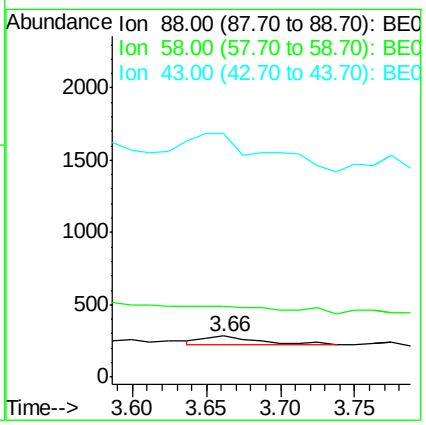


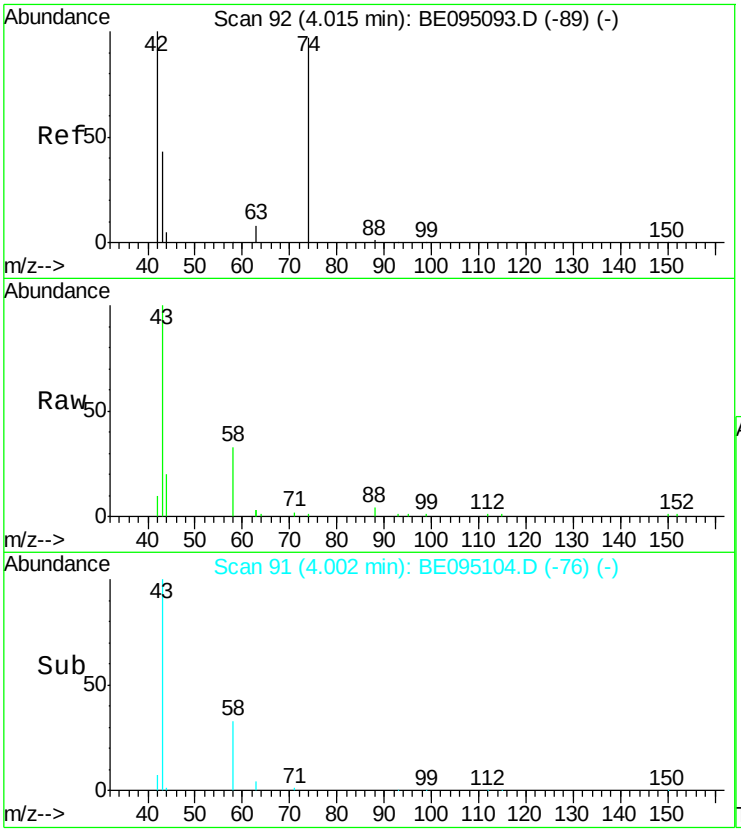


#2
1,4-Dioxane
Concen: 0.024 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion: 88 Resp: 158

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	701.3	41.2	61.8#



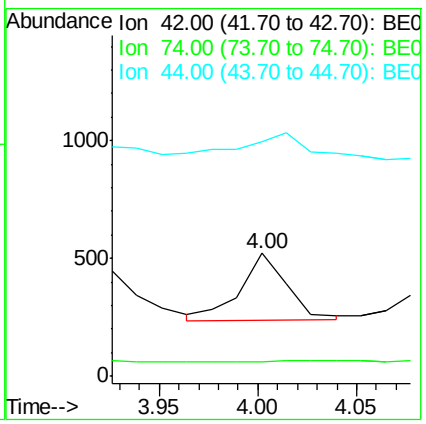


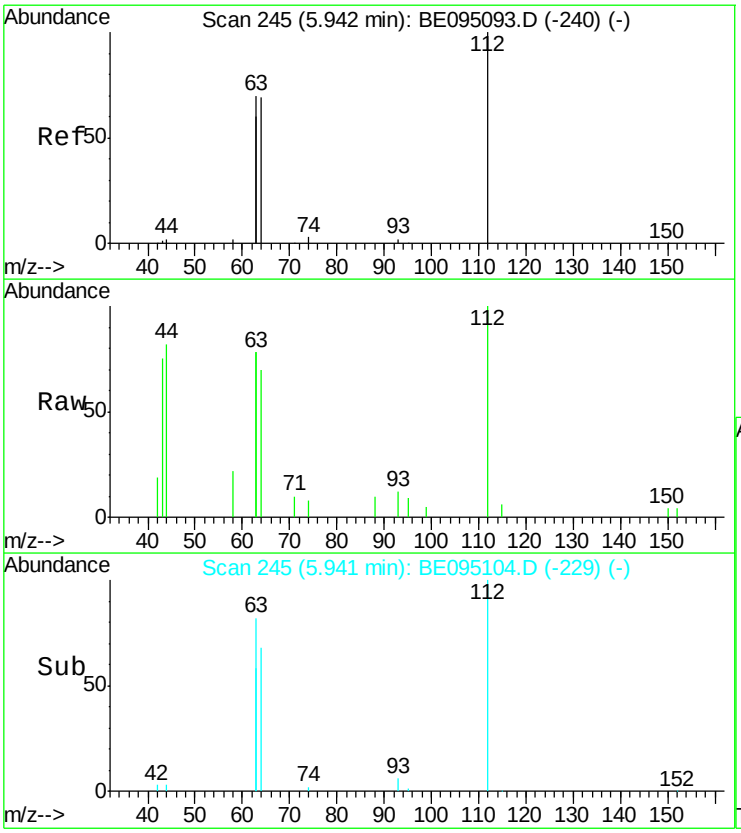
#3
n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 4.00 min Scan# 91
Delta R.T. -0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 468

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#

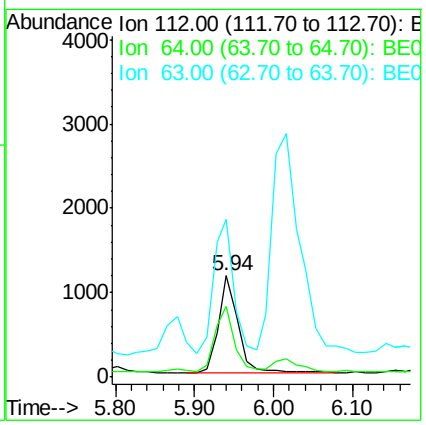


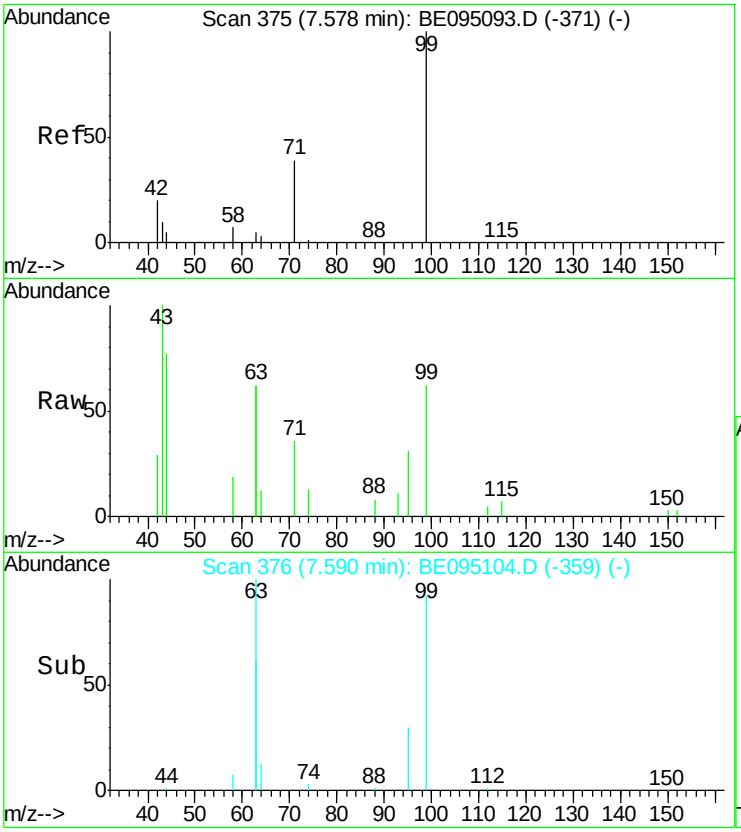


#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:112 Resp: 1995

Ion	Ratio	Lower	Upper
112	100		
64	64.9	60.1	90.1
63	141.2	116.8	175.2



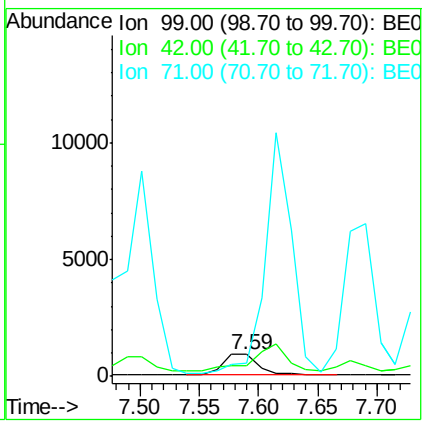


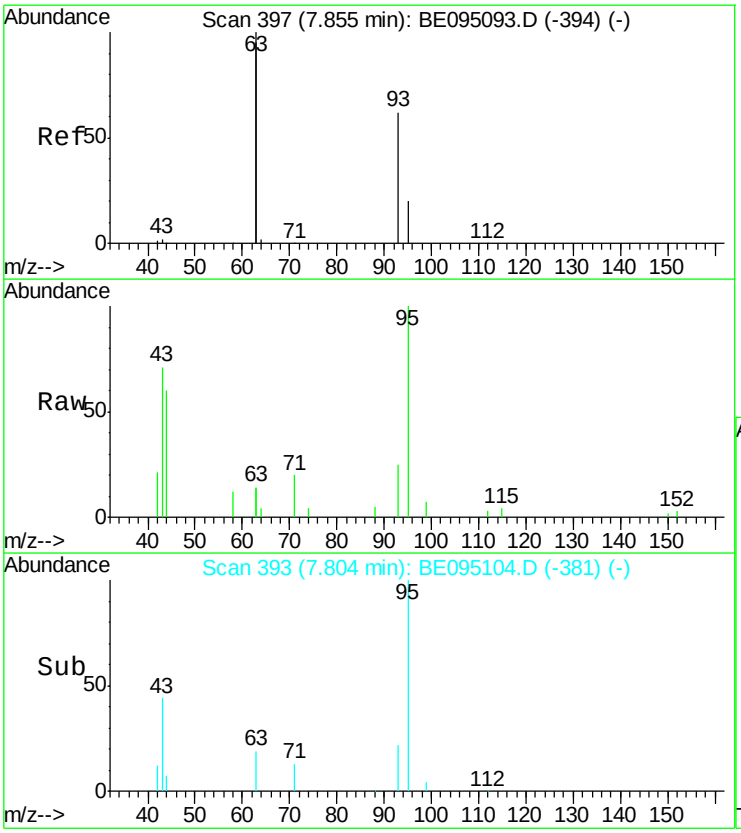
#5
Phenol-d6
Concen: 0.113 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1839

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

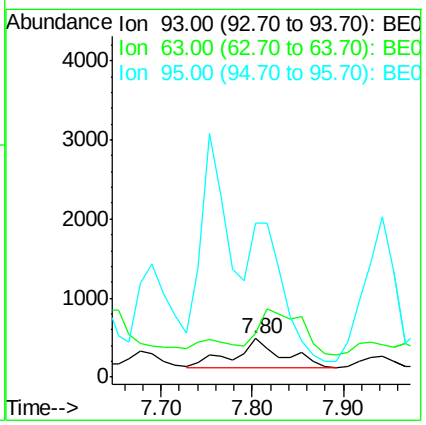


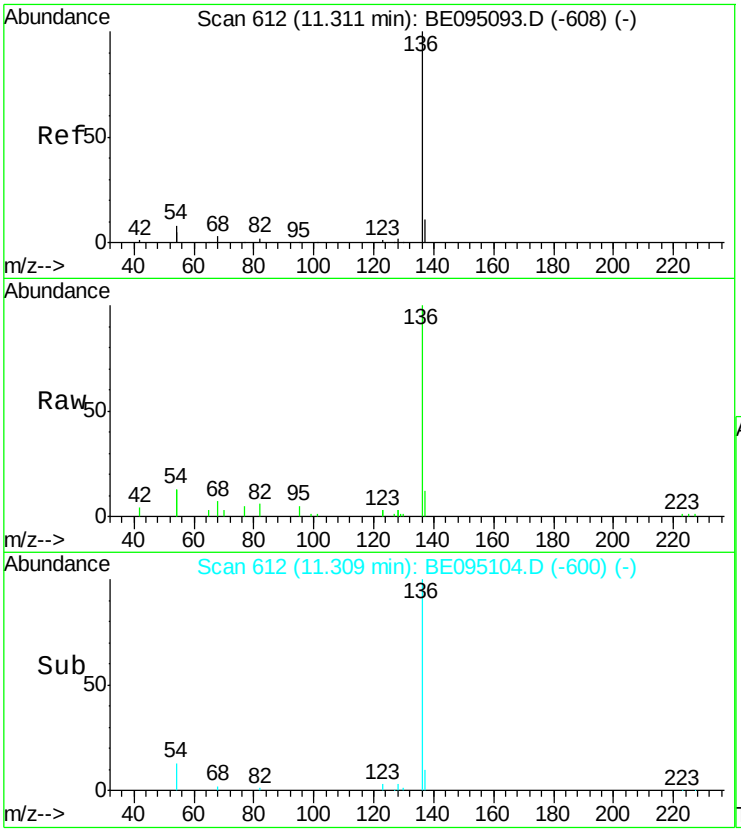


#6
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 7.80 min Scan# 393
Delta R.T. -0.05 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion: 93 Resp: 1395

Ion	Ratio	Lower	Upper
93	100		
63	135.1	275.3	412.9#
95	303.2	25.2	37.8#



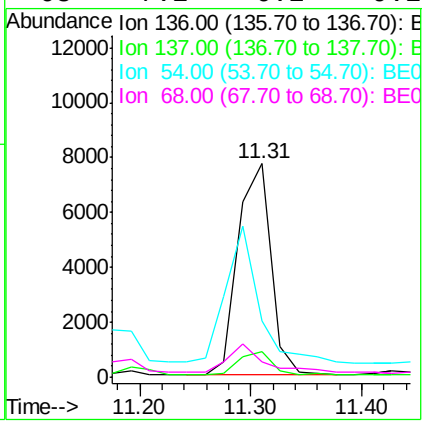


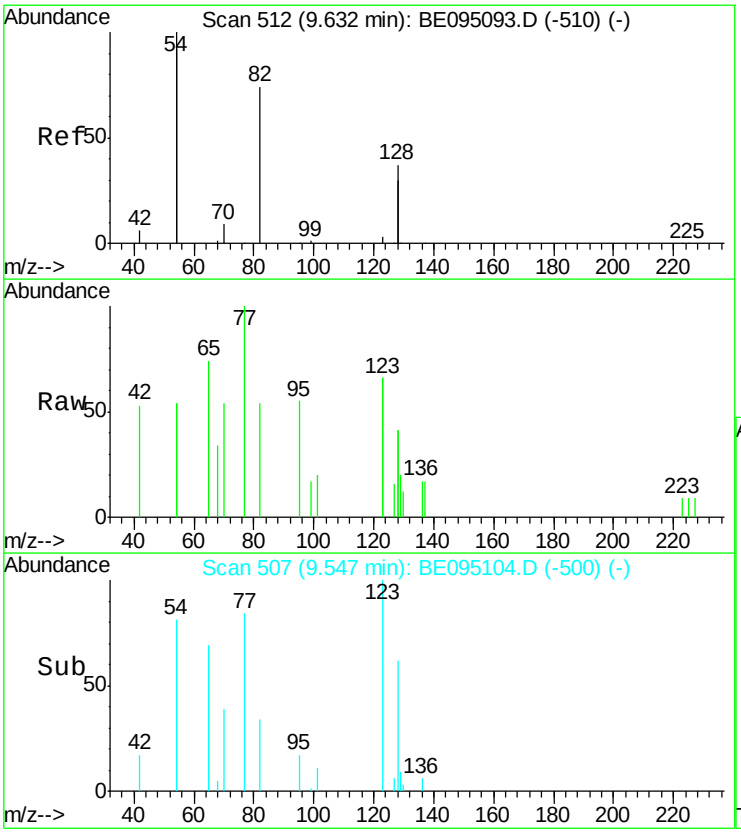
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 15865

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	26.2	29.1	43.7#
68	7.2	6.2	9.2

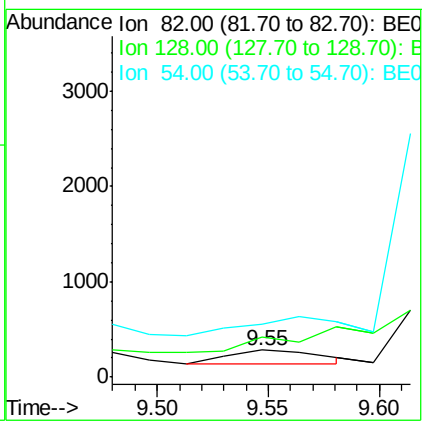


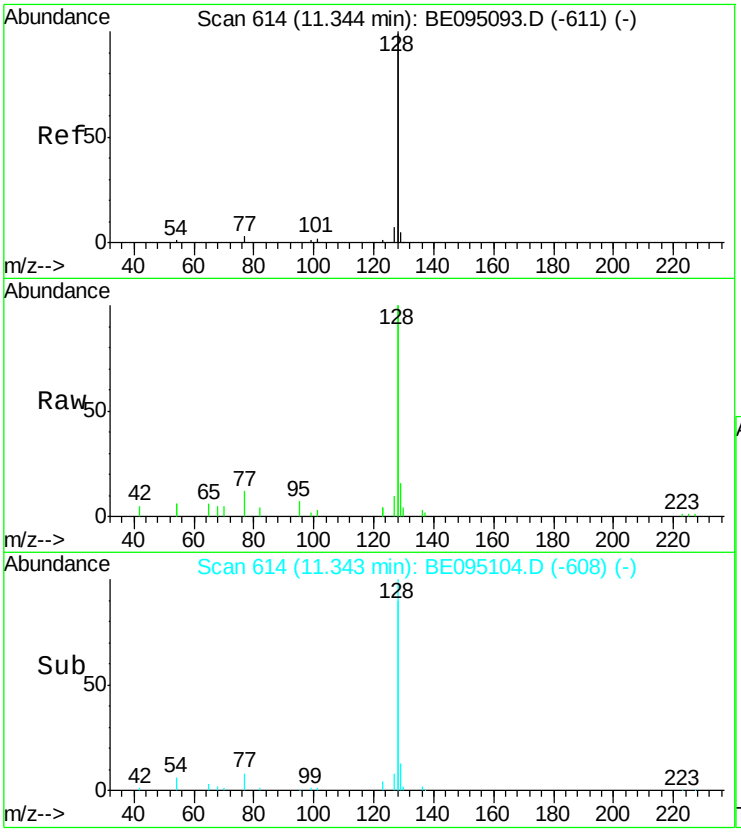


#8
Nitrobenzene-d5
Concen: 0.030 ng
RT: 9.55 min Scan# 507
Delta R.T. -0.09 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion: 82 Resp: 437

Ion	Ratio	Lower	Upper
82	100		
128	150.2	150.0	225.0
54	197.9	154.2	231.4



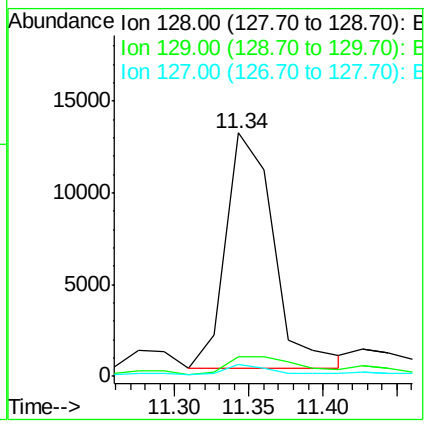


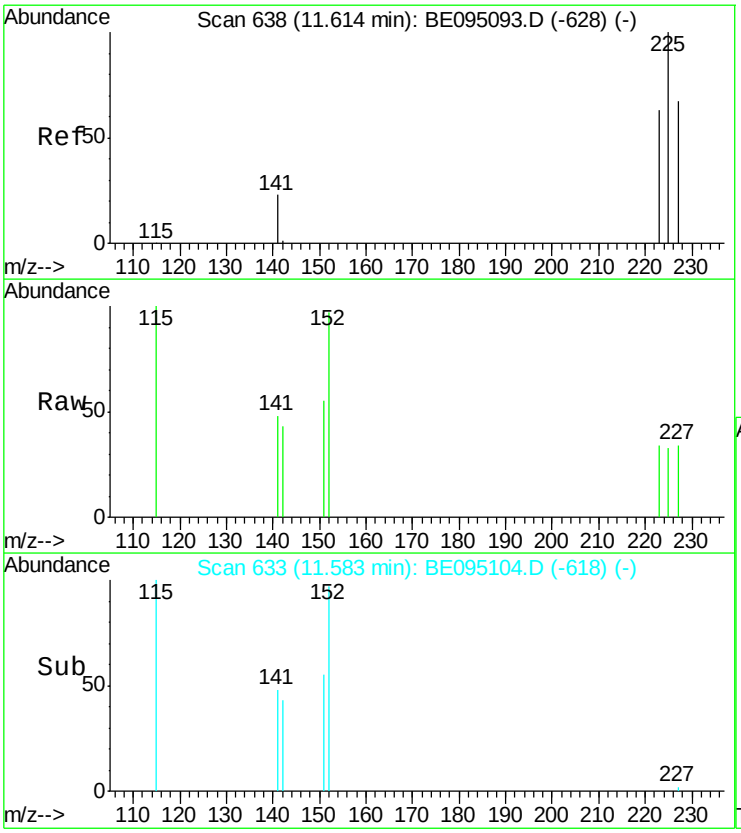
#9
Naphthalene
Concen: 0.160 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 29046

Ion	Ratio	Lower	Upper
128	100		
129	8.0	2.6	3.8#
127	4.8	2.8	4.2#

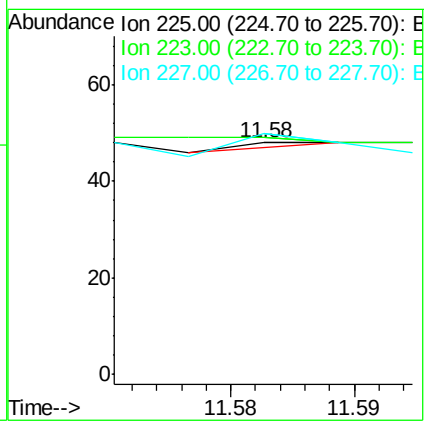


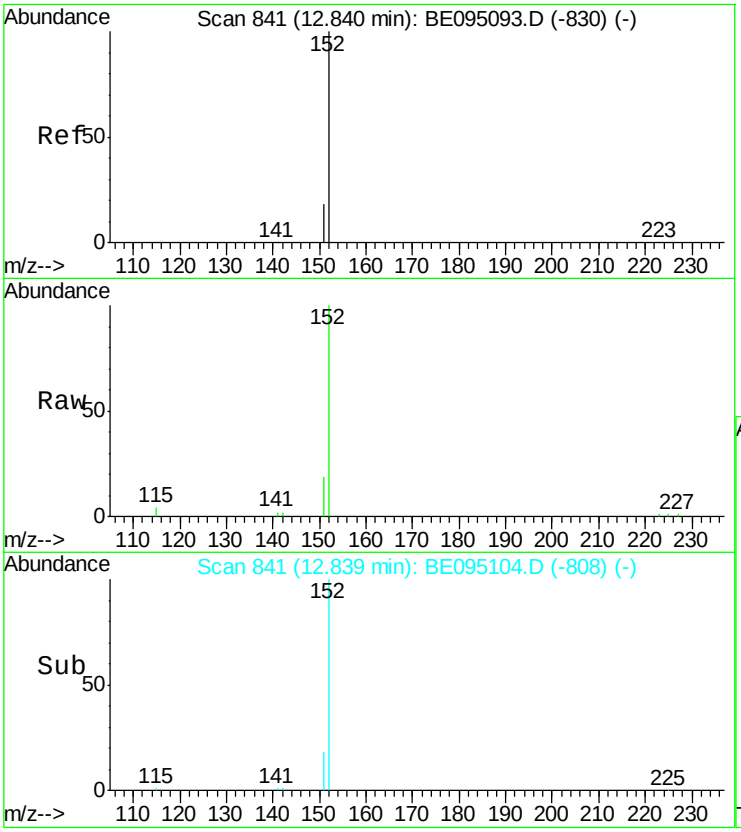


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.58 min Scan# 633
Delta R.T. -0.03 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	500.0	51.4	77.2#



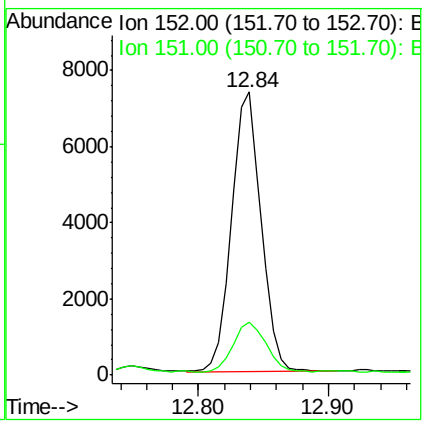


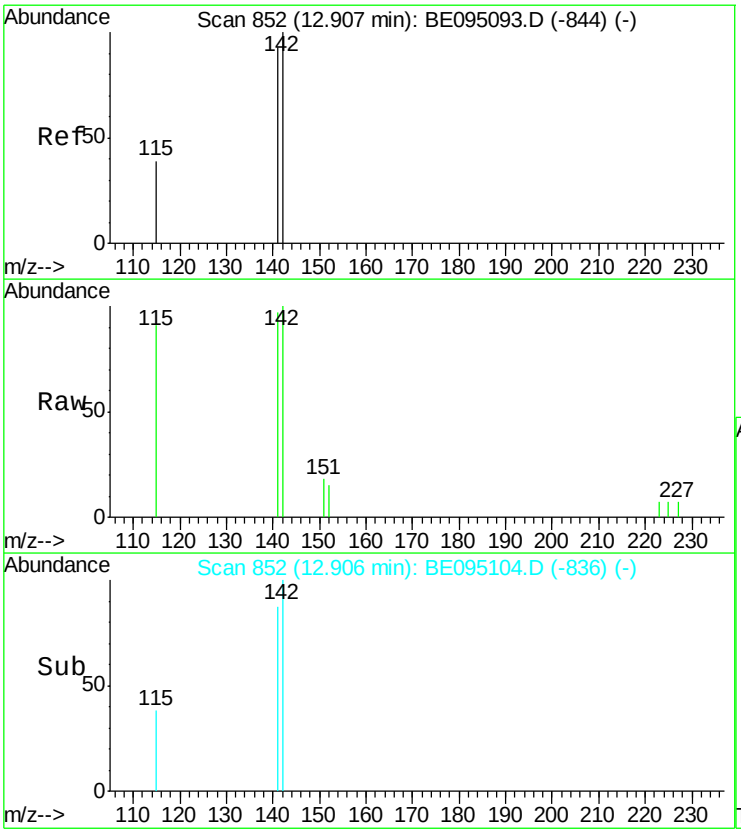
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11560

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

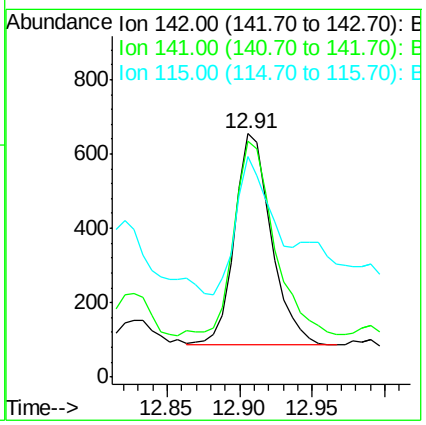


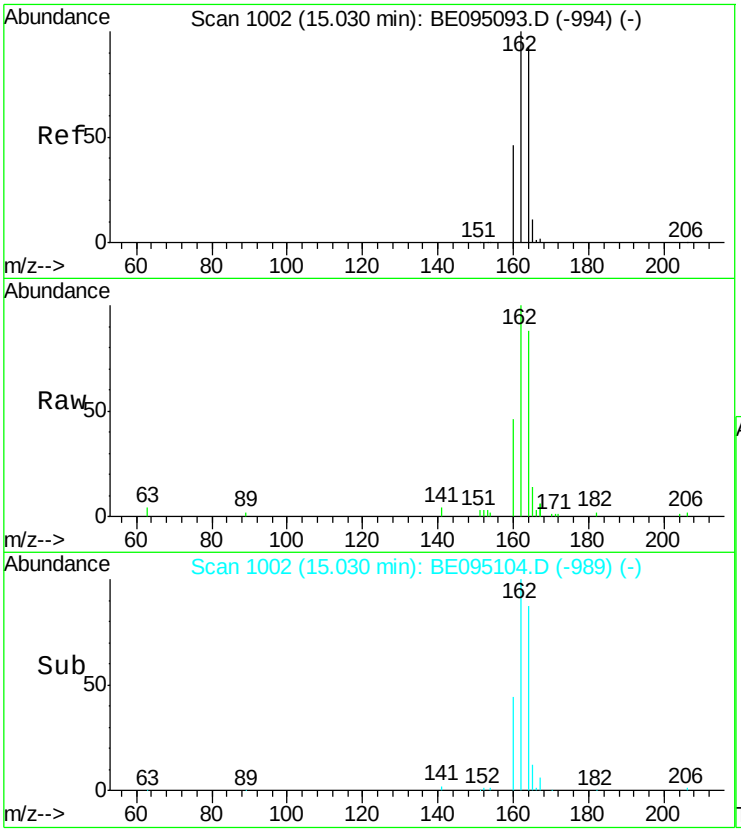


#12
2-Methylnaphthalene
Concen: 0.032 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:142 Resp: 999

Ion	Ratio	Lower	Upper
142	100		
141	96.8	70.4	105.6
115	90.7	31.7	47.5#



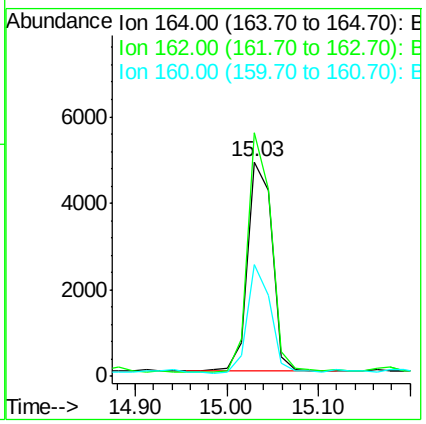


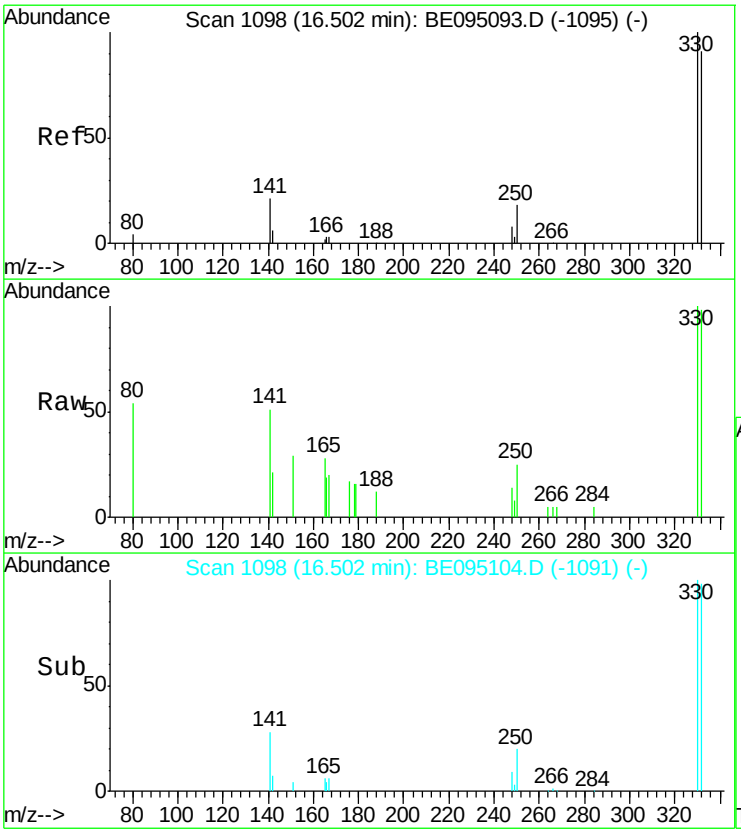
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9012

Ion	Ratio	Lower	Upper
164	100		
162	113.6	83.1	124.7
160	51.9	37.1	55.7

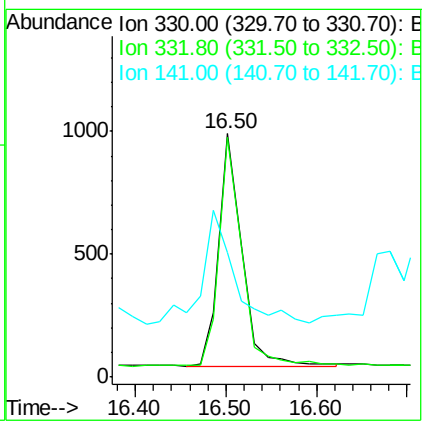


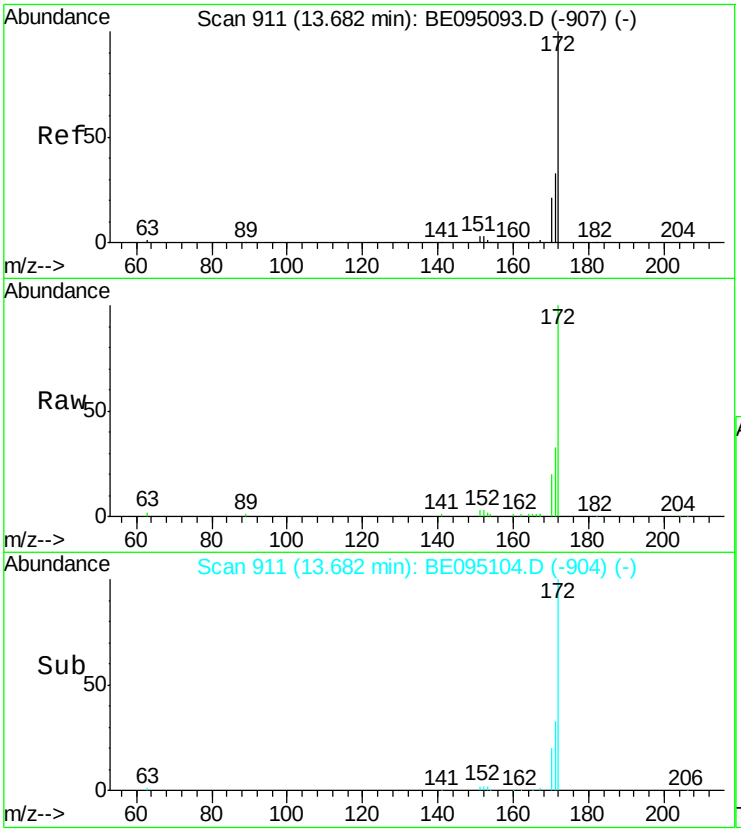


#14
2,4,6-Tribromophenol
Concen: 0.639 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:330 Resp: 1661

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	66.0	33.7	50.5#



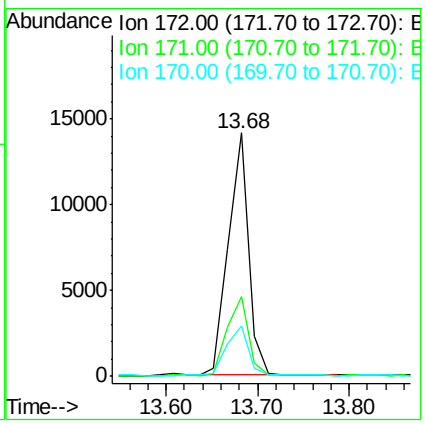


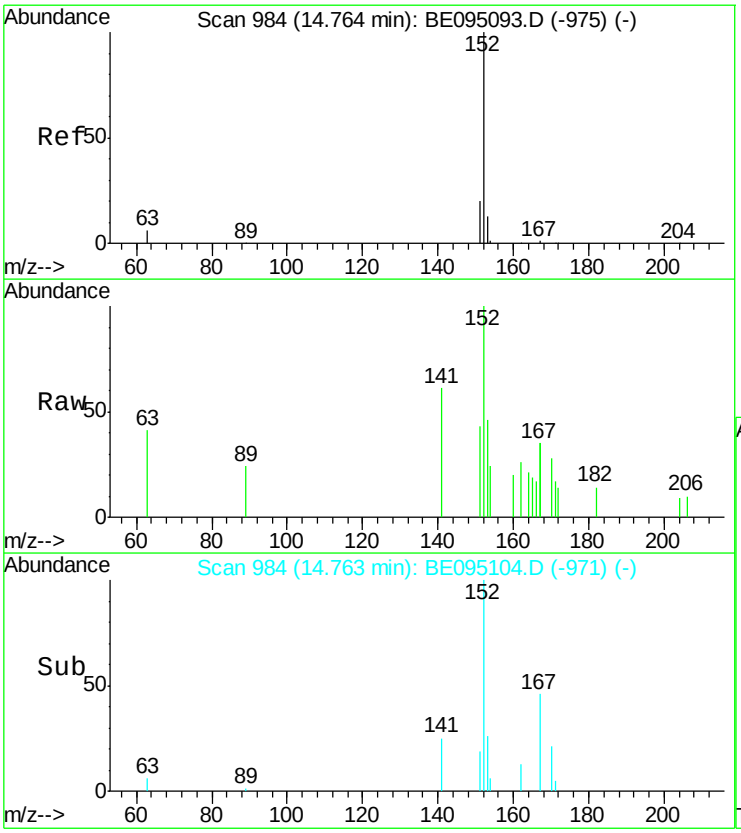
#15
2-Fluorobiphenyl
Concen: 0.546 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 21621

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.9	44.9
170	20.5	21.8	32.8#

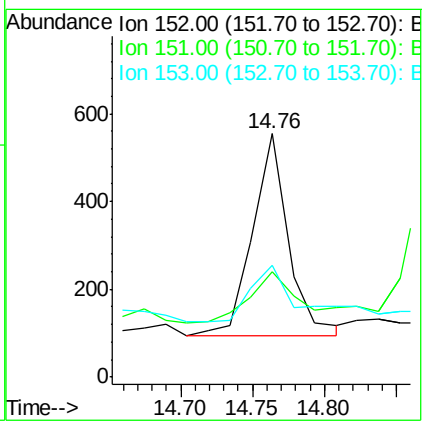


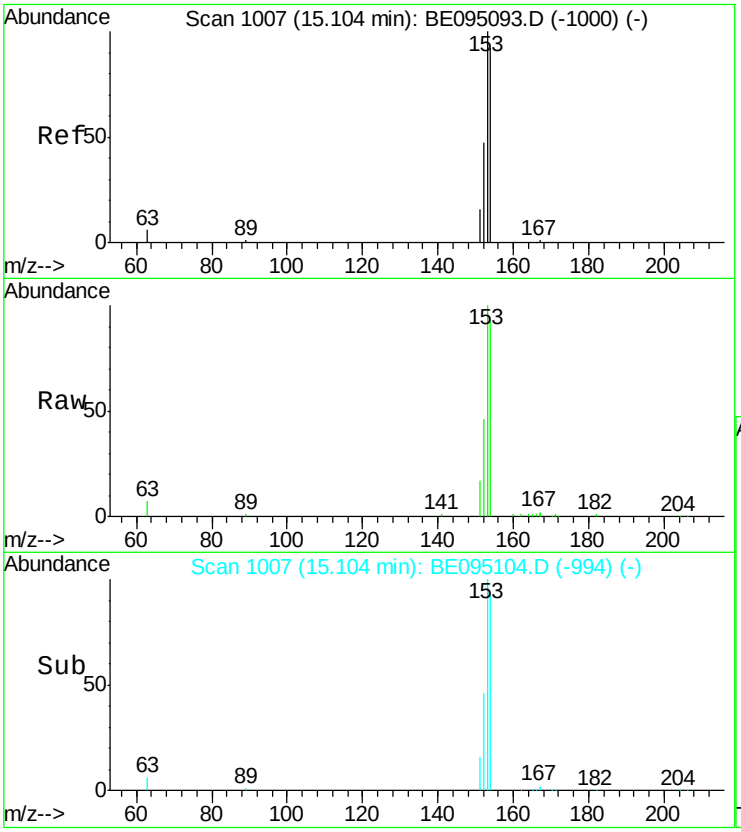


#16
Acenaphthylene
Concen: 0.017 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:152 Resp: 803

Ion	Ratio	Lower	Upper
152	100		
151	35.5	15.7	23.5#
153	47.6	10.5	15.7#



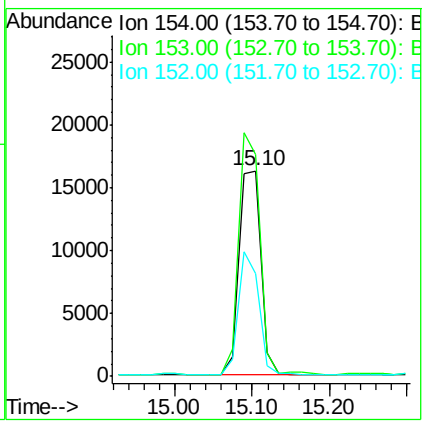


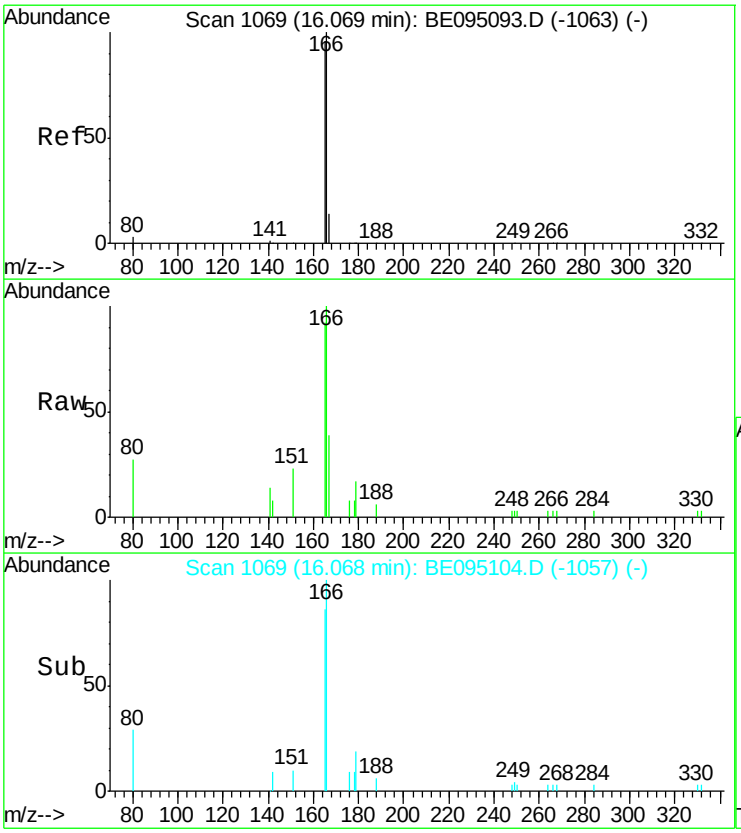
#17
Acenaphthene
Concen: 1.014 ng
RT: 15.10 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 31817

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.2	133.8
152	56.5	42.0	63.0

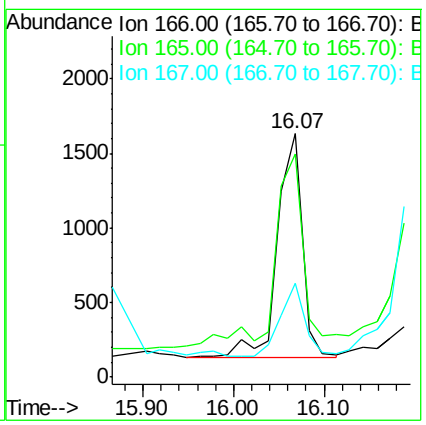


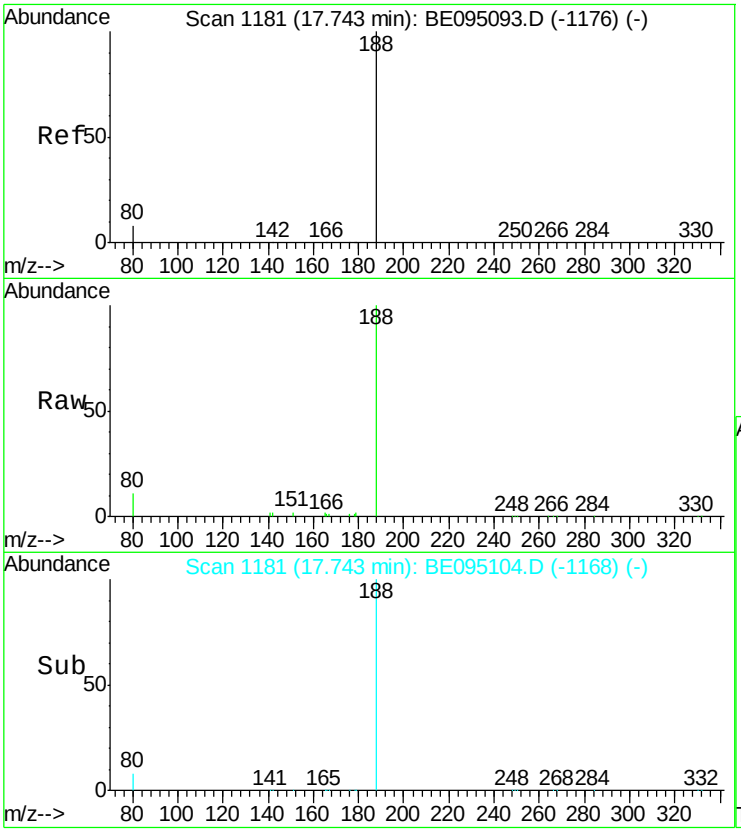


#18
Fluorene
Concen: 0.072 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:166 Resp: 2825

Ion	Ratio	Lower	Upper
166	100		
165	104.5	77.8	116.6
167	32.3	42.4	63.6#



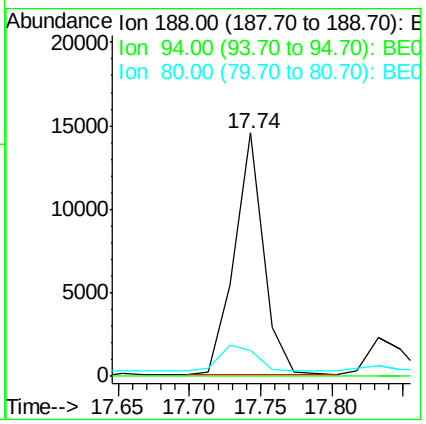


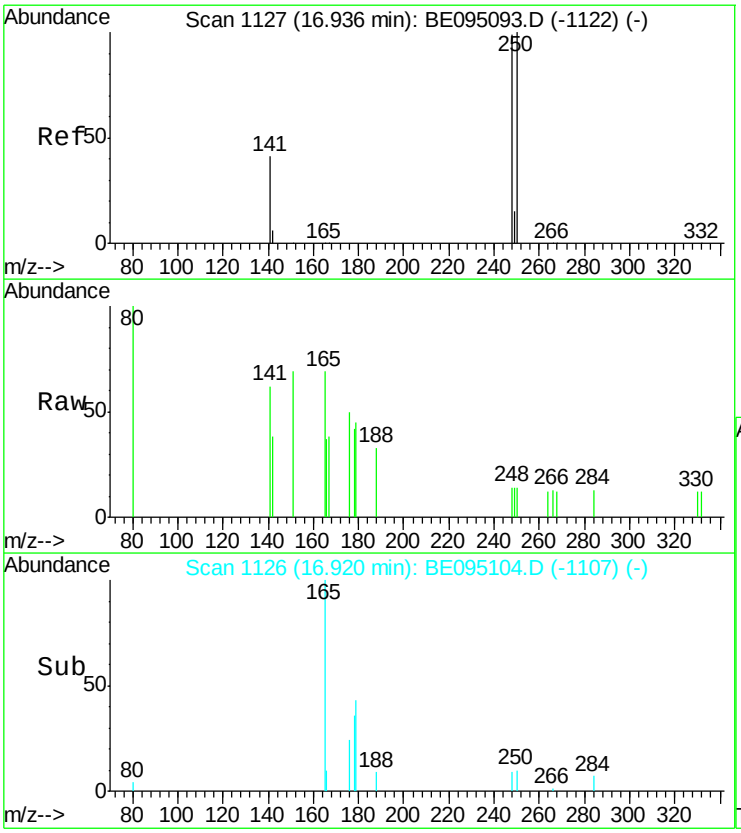
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 20639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.6	3.6	5.4#

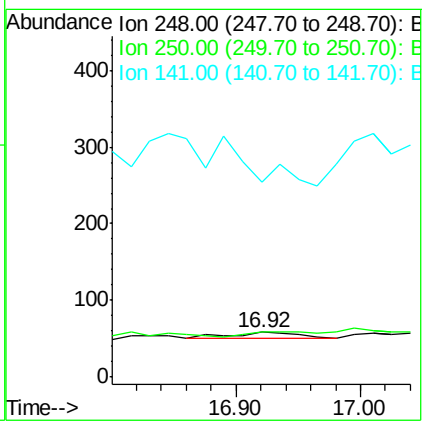


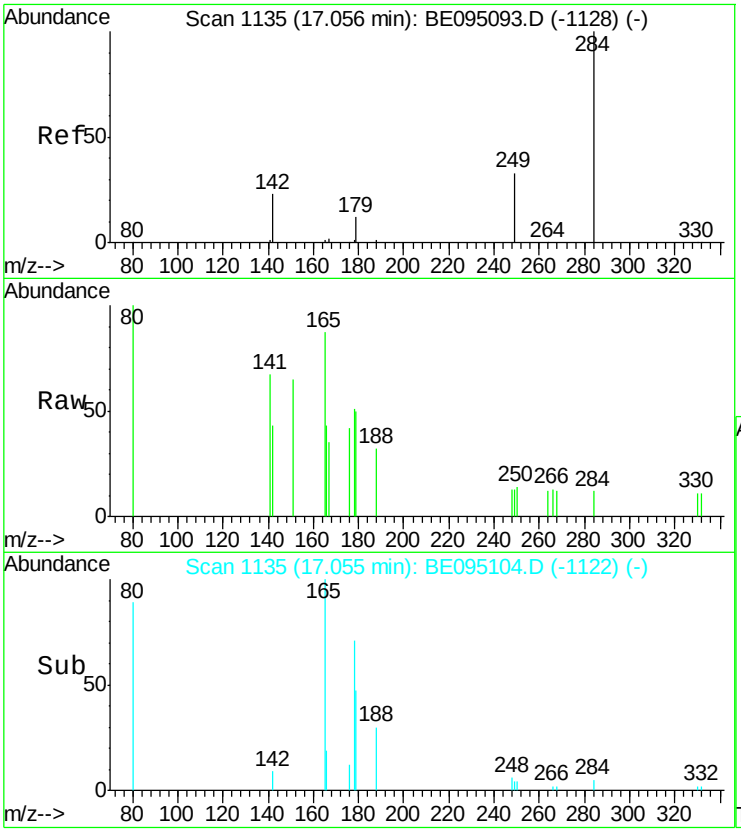


#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.92 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:248 Resp: 31

Ion	Ratio	Lower	Upper
248	100		
250	101.7	62.7	94.1#
141	437.9	48.2	72.2#



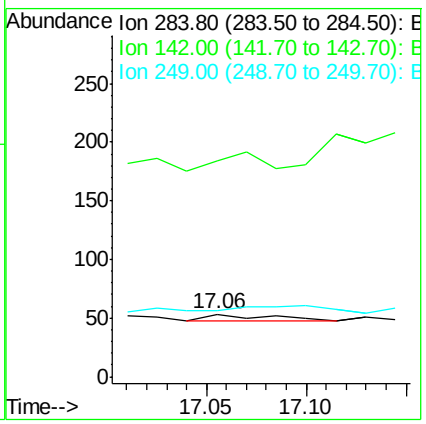


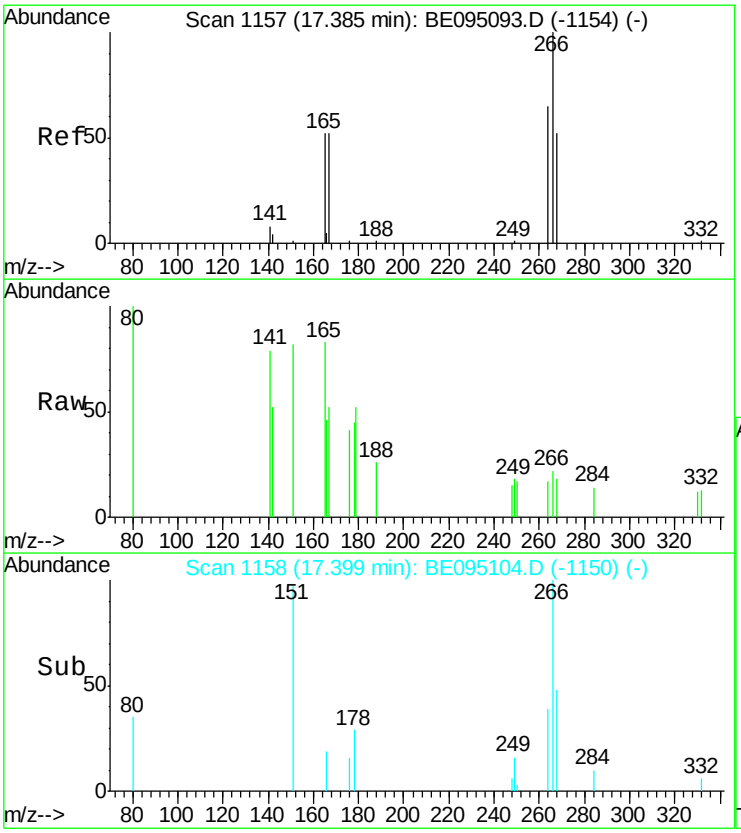
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	235.7	22.1	33.1#
249	0.0	34.8	52.2#

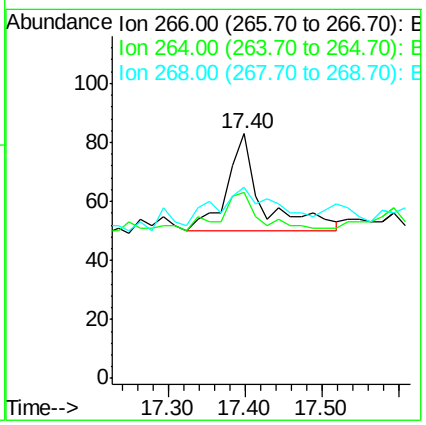


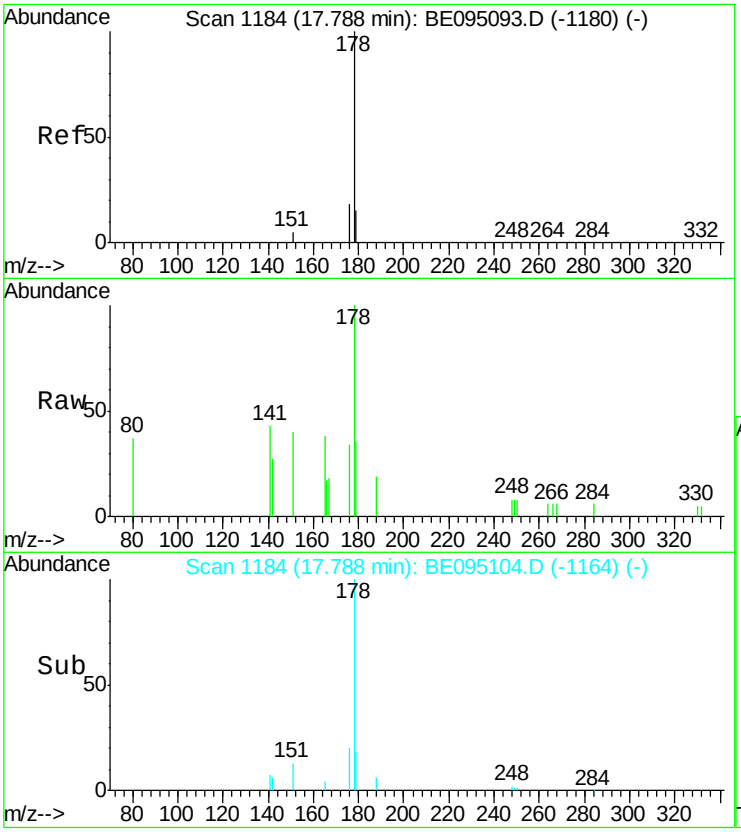


#22
Pentachlorophenol
Concen: 0.075 ng
RT: 17.40 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:266 Resp: 106

Ion	Ratio	Lower	Upper
266	100		
264	75.9	72.5	108.7
268	78.3	73.8	110.6



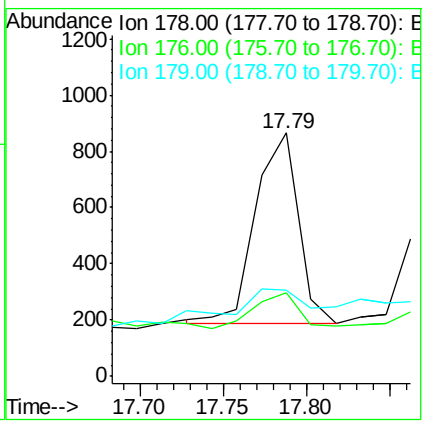


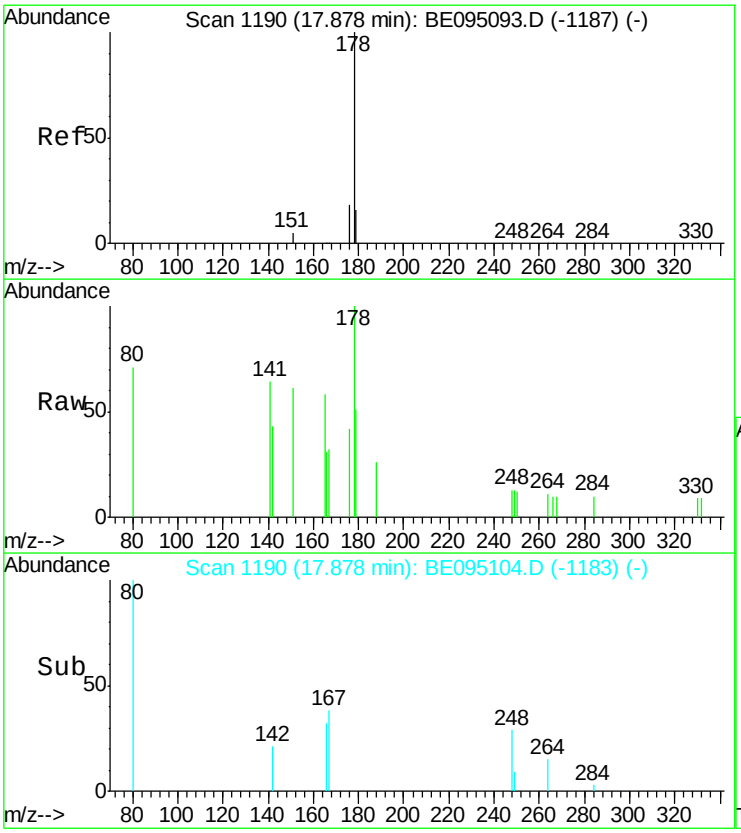
#23
Phenanthrene
Concen: 0.019 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1226

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	11.8	17.6

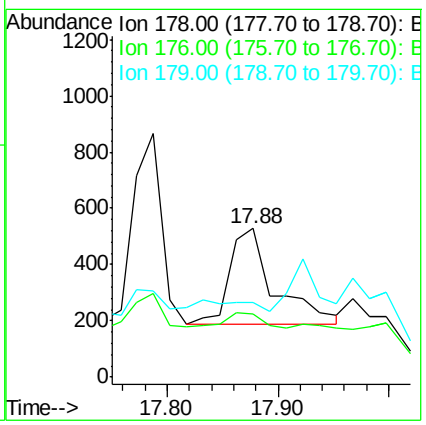


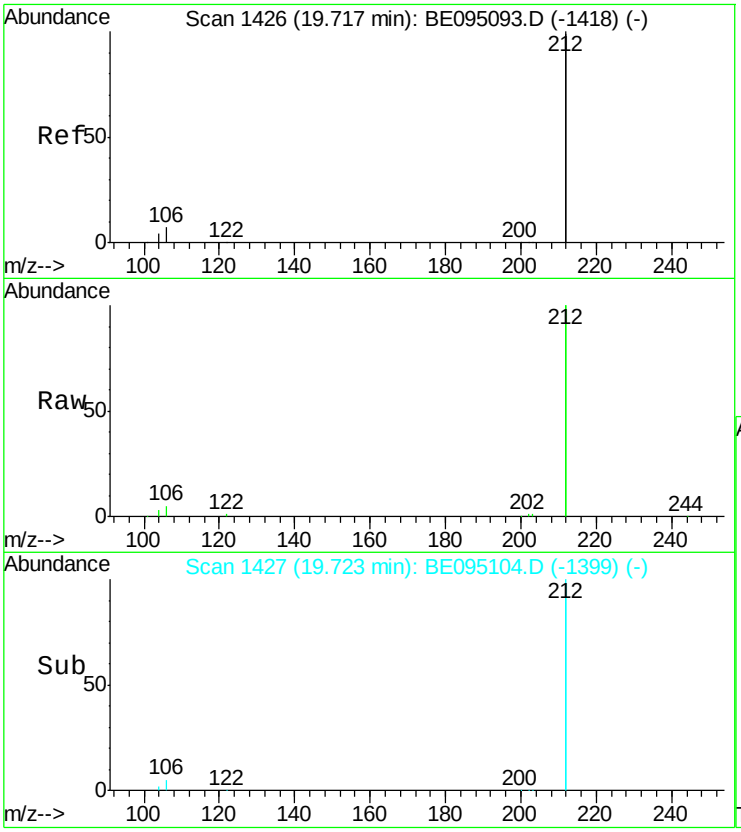


#24
Anthracene
Concen: 0.017 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:178 Resp: 959

Ion	Ratio	Lower	Upper
178	100		
176	12.5	12.8	19.2#
179	0.0	13.0	19.6#



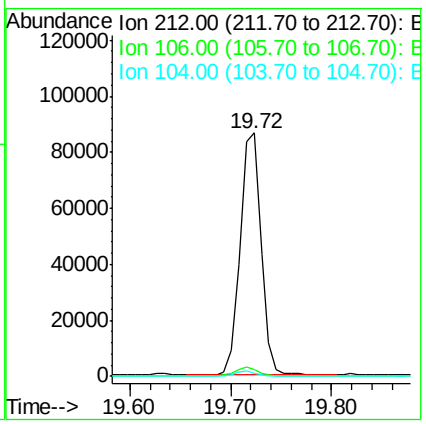


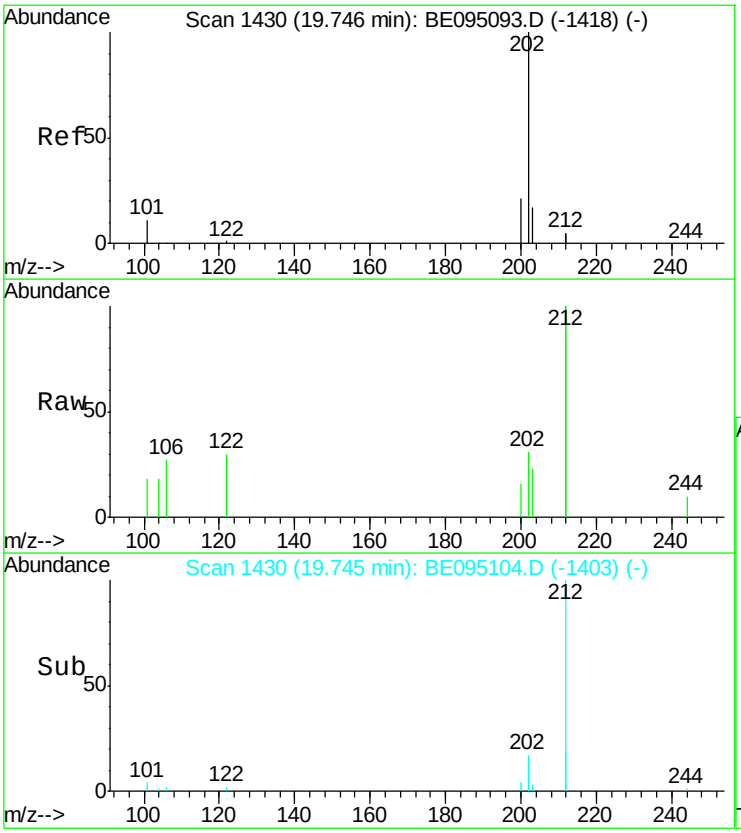
#25
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 122825

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.9	1.6	2.4

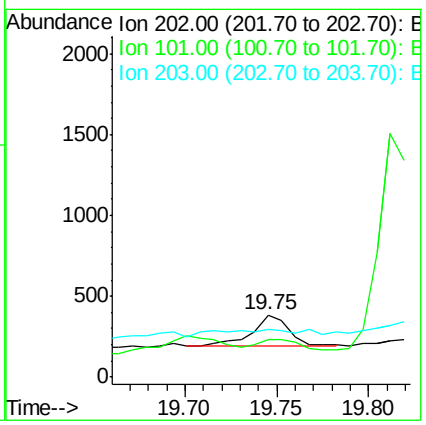


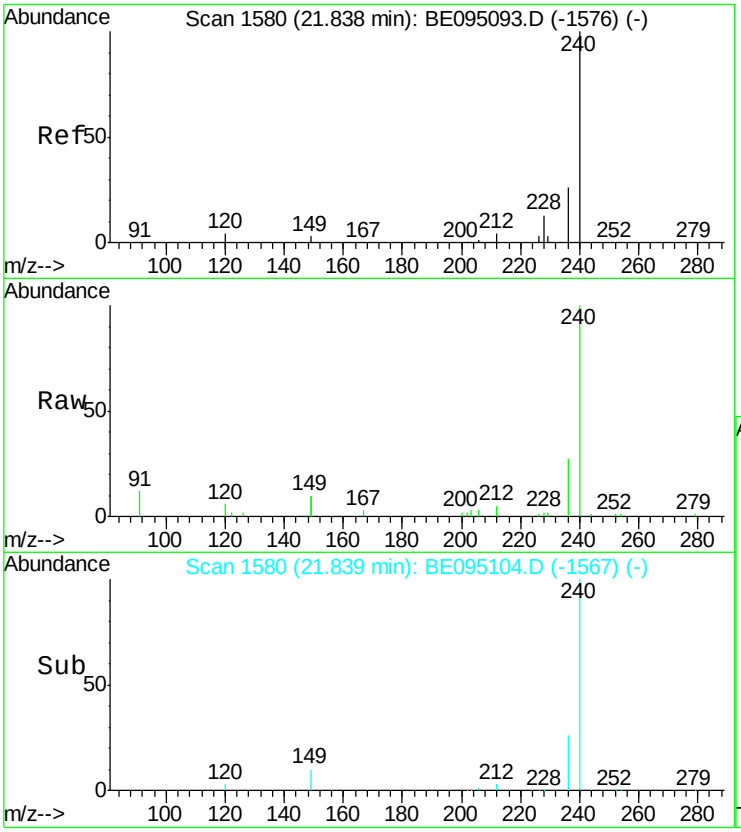


#26
Fluoranthene
Concen: 0.004 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:202 Resp: 281

Ion	Ratio	Lower	Upper
202	100		
101	33.1	9.8	14.8#
203	39.5	13.7	20.5#



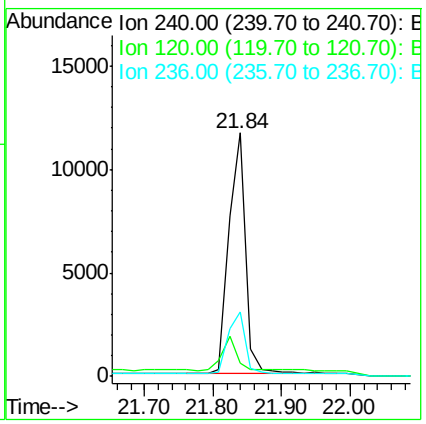


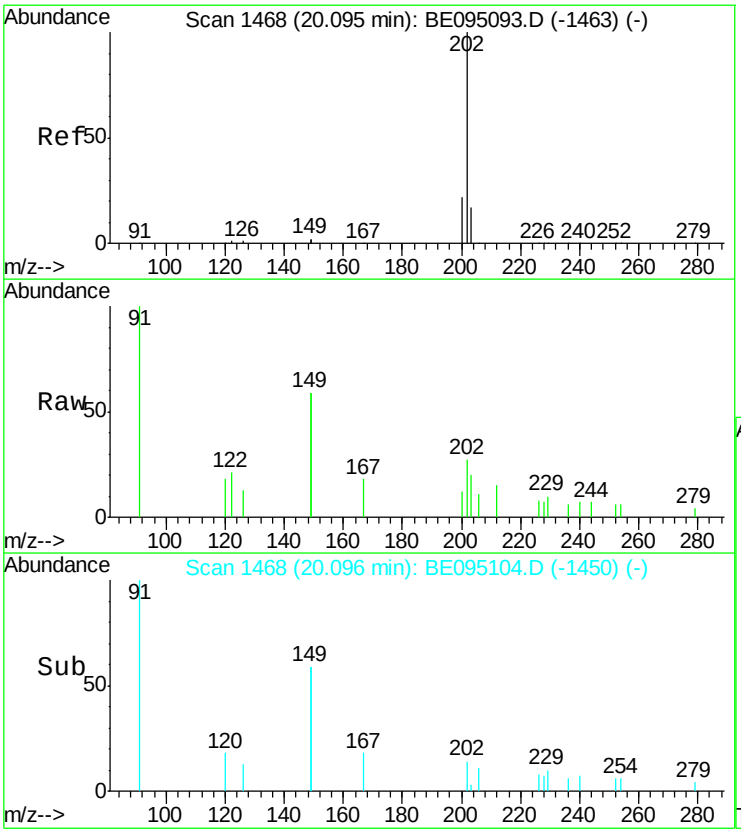
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 19844

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.5	8.3
236	26.7	20.7	31.1

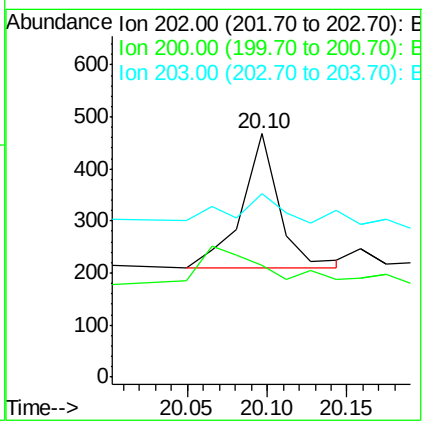


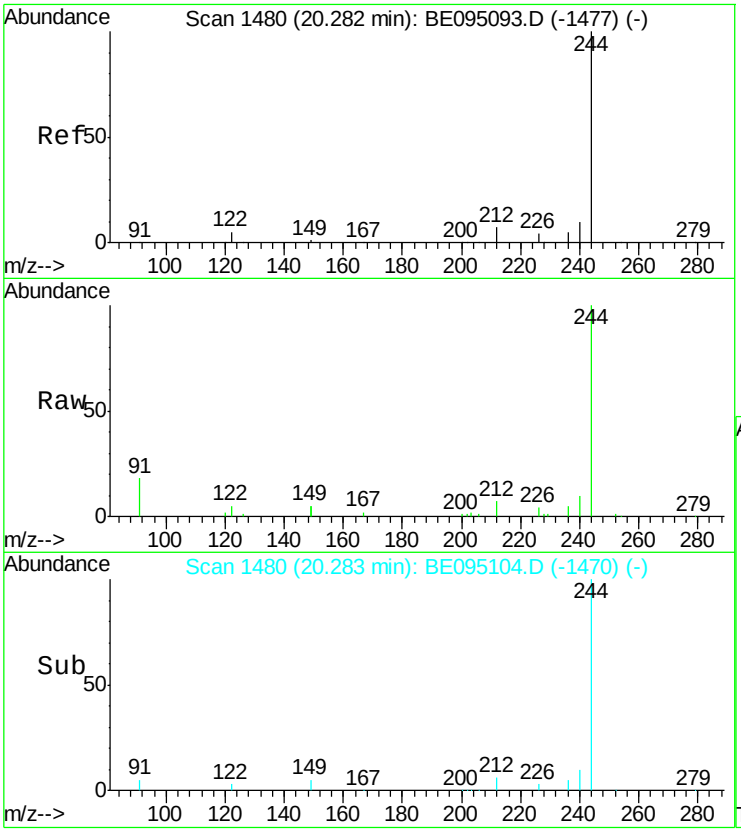


#28
Pyrene
Concen: 0.005 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:202 Resp: 429

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	25.0#
203	59.7	13.8	20.8#



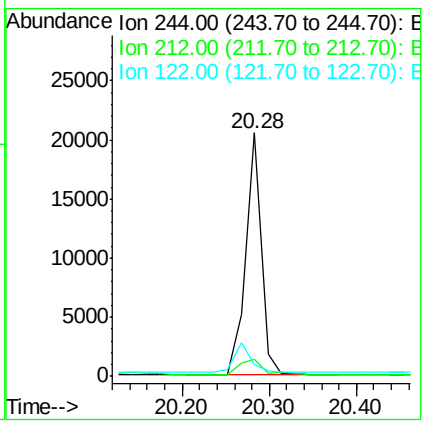


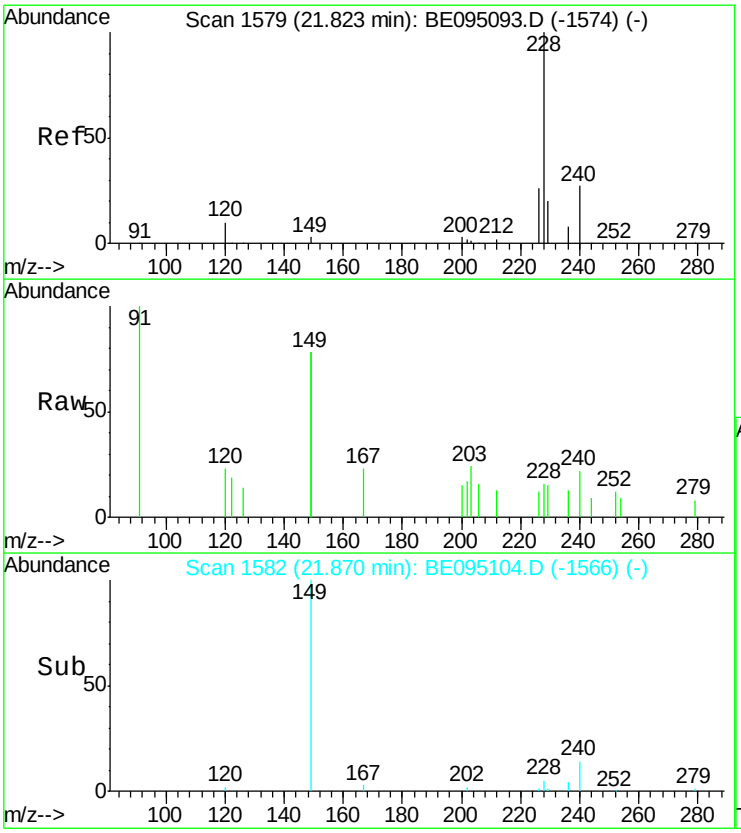
#29
Terphenyl-d14
Concen: 0.637 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25879

Ion	Ratio	Lower	Upper
244	100		
212	7.0	25.4	38.0#
122	5.0	8.1	12.1#

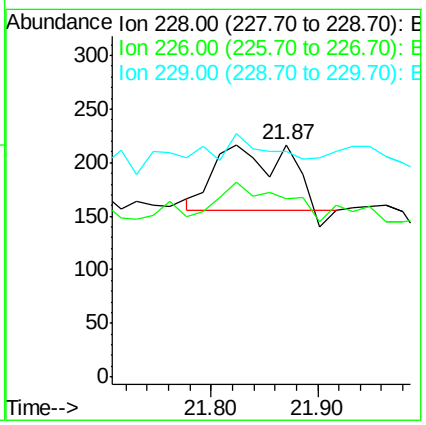


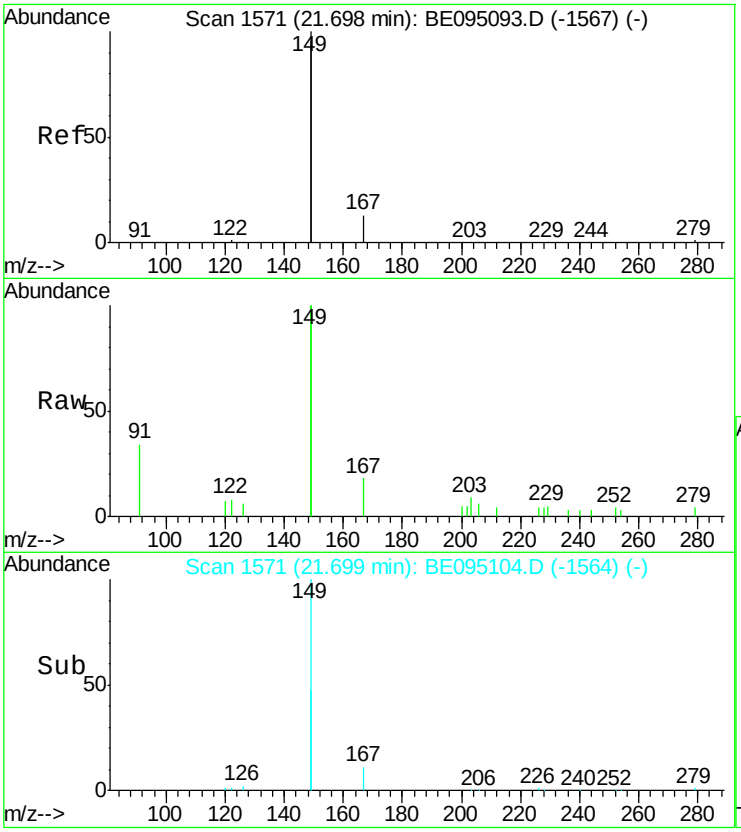


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.05 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:228 Resp: 266

Ion	Ratio	Lower	Upper
228	100		
226	76.5	24.0	36.0#
229	97.2	16.0	24.0#



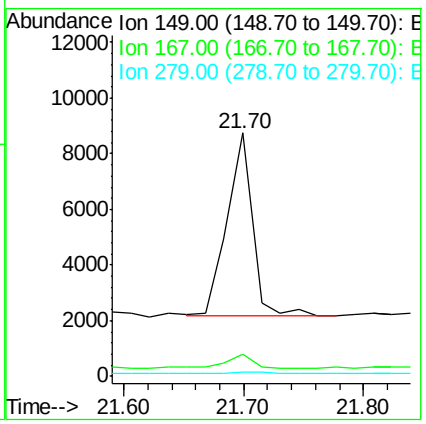


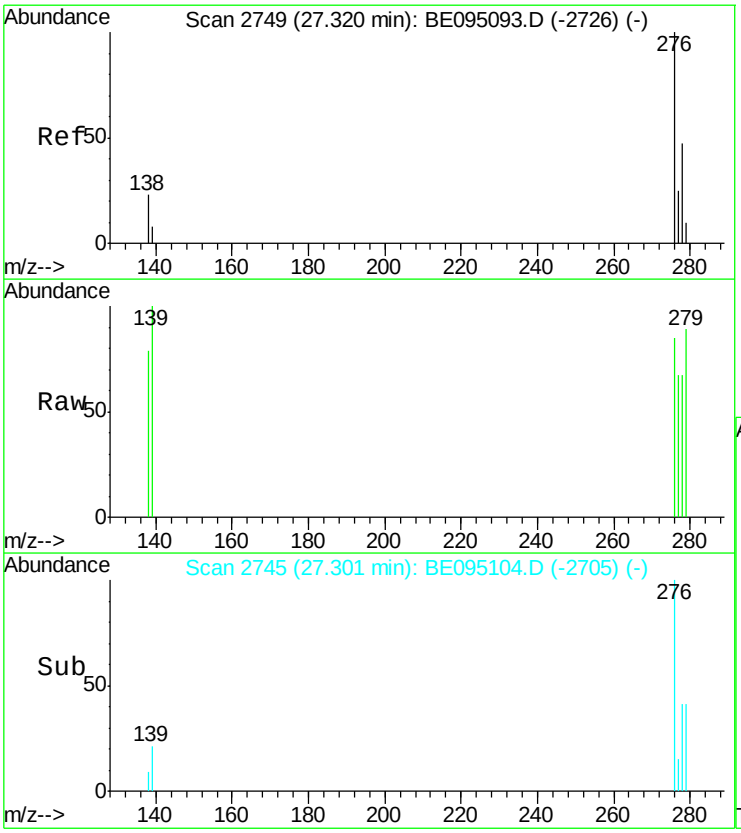
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 9670

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.4	8.0
279	1.7	0.7	1.1#

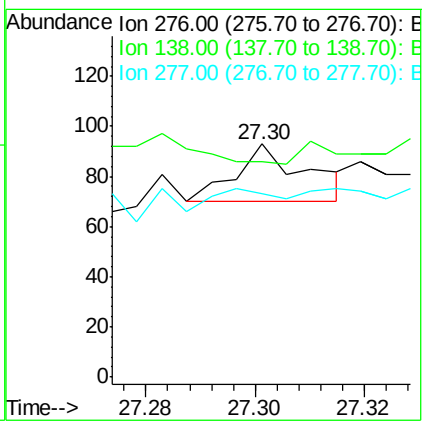


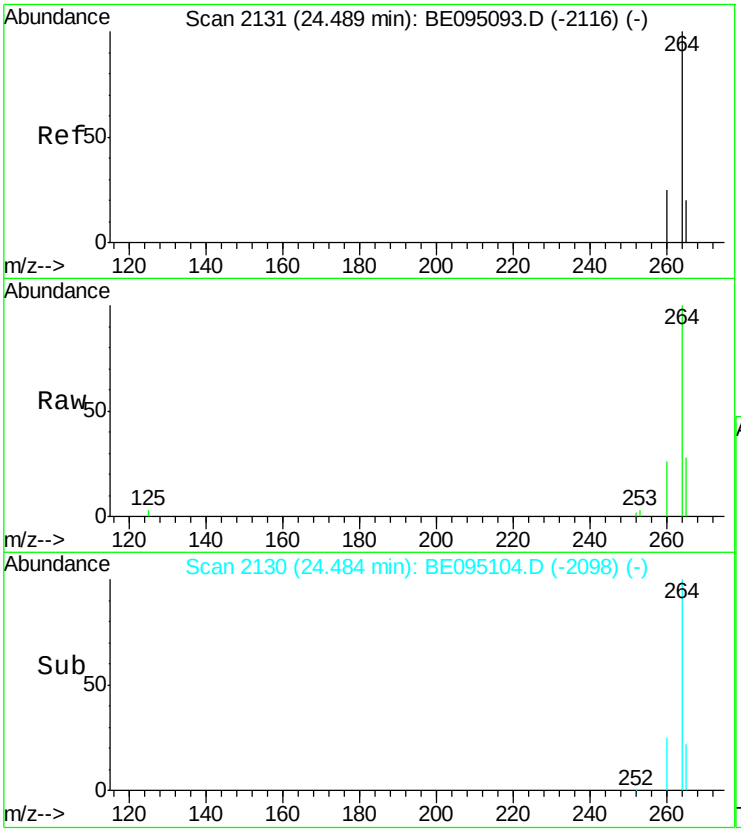


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 27.30 min Scan# 2745
Delta R.T. -0.02 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:276 Resp: 21

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.5	33.7
277	14.3	19.9	29.9#



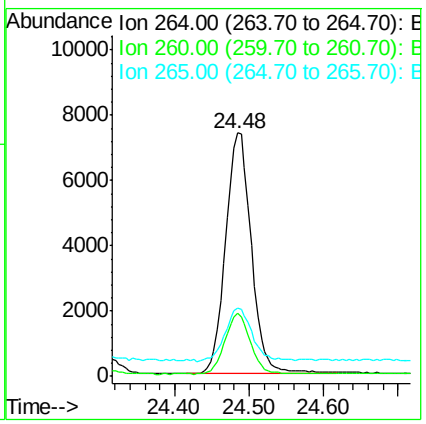


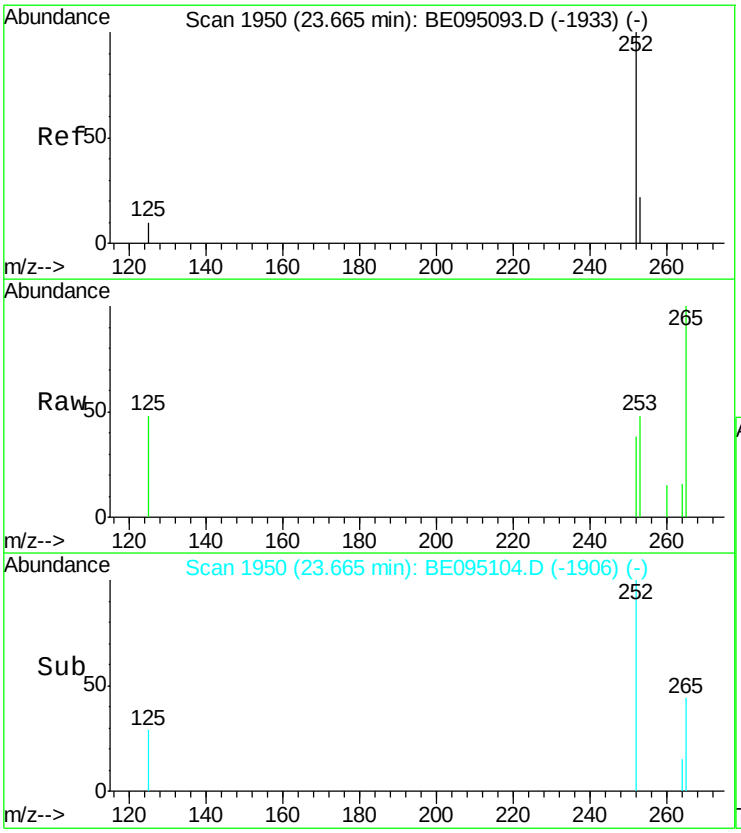
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.48 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 17715

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	28.2	22.8	34.2

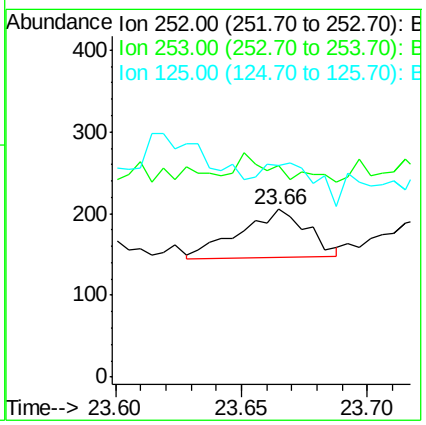


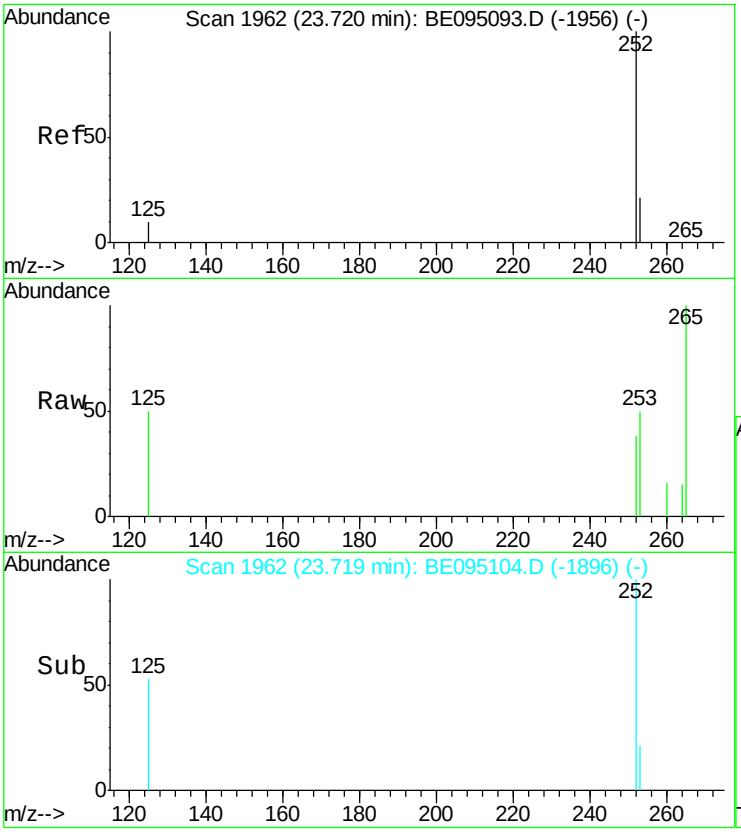


#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.66 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:252 Resp: 110

Ion	Ratio	Lower	Upper
252	100		
253	126.3	20.0	30.0#
125	126.3	16.0	24.0#



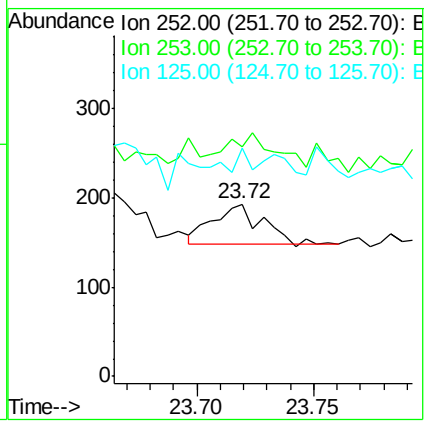


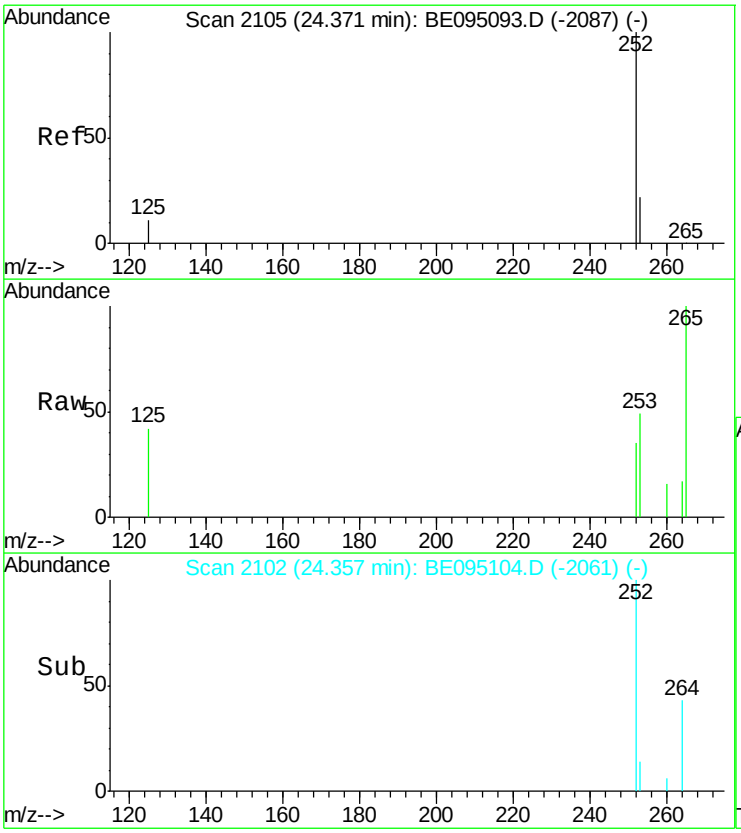
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.72 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 67

Ion	Ratio	Lower	Upper
252	100		
253	133.7	16.0	24.0#
125	132.6	8.0	12.0#

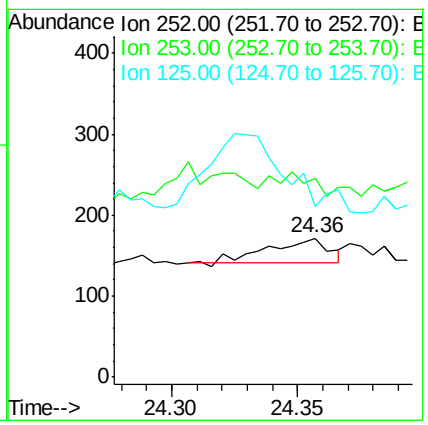


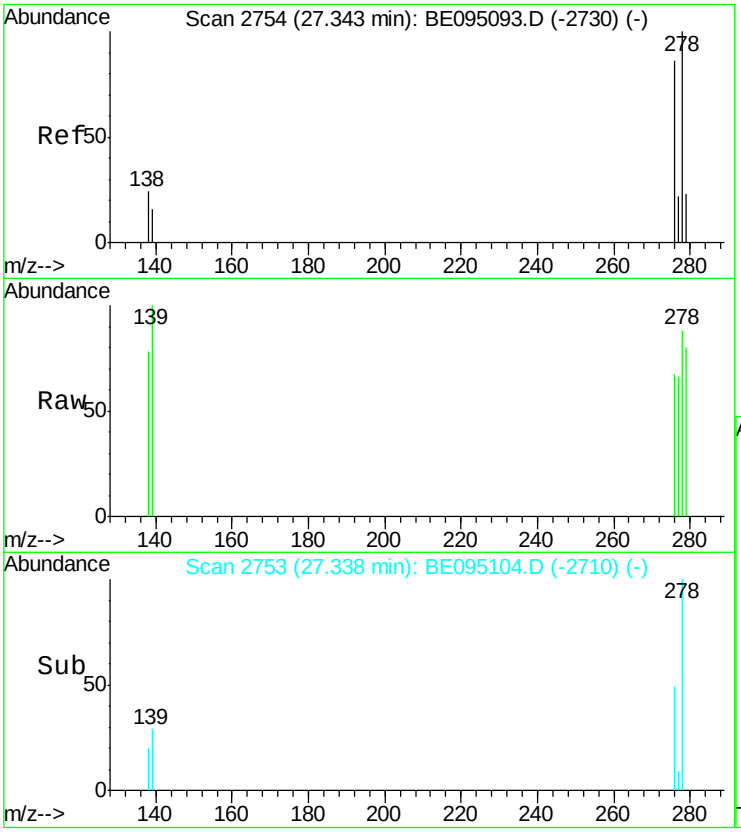


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 24.36 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:252 Resp: 50

Ion	Ratio	Lower	Upper
252	100		
253	142.4	16.0	24.0#
125	122.7	12.0	18.0#



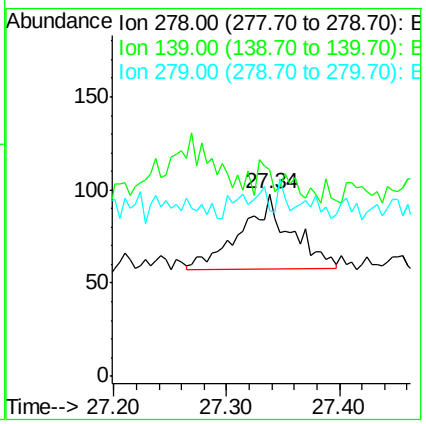


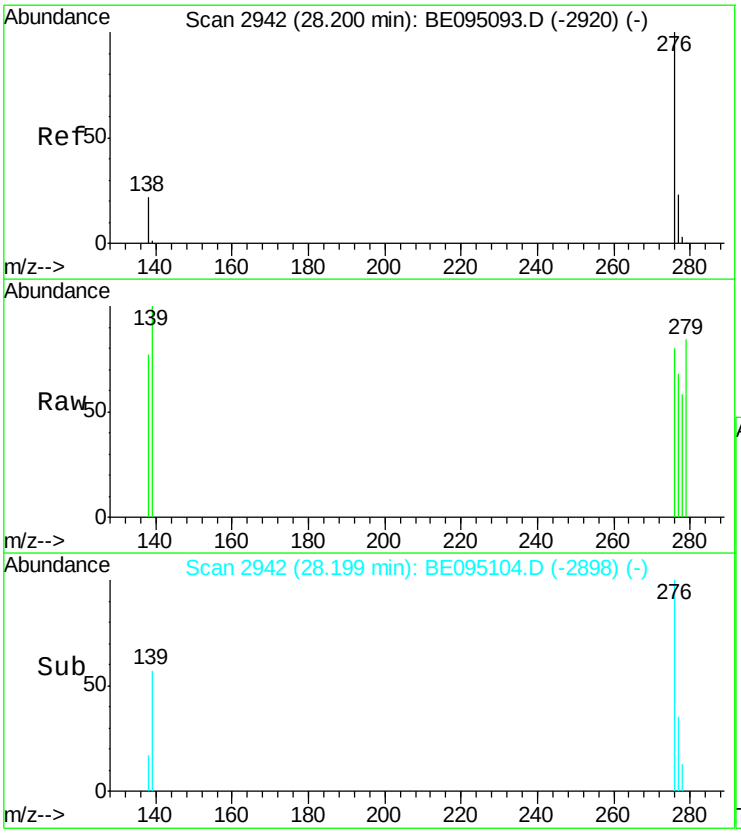
#38
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 27.34 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 123

Ion	Ratio	Lower	Upper
278	100		
139	113.3	16.0	24.0#
279	90.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 28.20 min Scan# 2942
Delta R.T. -0.00 min
Lab File: BE095104.D
Acq: 23 Jan 2018 19:14

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	85.4	16.0	24.0#
138	96.3	20.0	30.0#