Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095105.D
Acq On : 23 Jan 2018 19:49
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 24 01:11:37 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	6860	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	16970	0.40	ng		0.00
13) Acenaphthene-d10	15.03	164	10120	0.40	ng		0.00
19) Phenanthrene-d10	17.74	188	23592	0.40	ng		0.00
27) Chrysene-d12	21.84	240	22884	0.40	ng		0.00
34) Perylene-d12	24.49	264	20029	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.94	112	4714	0.42	ng		0.00
5) Phenol-d6	7.58	99	7215	0.43	ng		0.00
8) Nitrobenzene-d5	9.63	82	6114	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.83	152	11298	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.50	330	1247	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.68	172	17240	0.39	ng		0.00
25) Fluoranthene-d10	19.72	212	114895	0.39	ng		0.00
29) Terphenyl-d14	20.28	244	18745	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2660	0.394	ng	#	89
3) n-Nitrosodimethylamine	4.01	42	3200	0.398	ng	#	95
6) bis(2-Chloroethyl)ether	7.85	93	6271	0.400	ng		92
9) Naphthalene	11.34	128	77107	0.397	ng		99
10) Hexachlorobutadiene	11.61	225	4039	0.464	ng	#	84
12) 2-Methylnaphthalene	12.91	142	13298	0.399	ng		97
16) Acenaphthylene	14.76	152	21363	0.394	ng		99
17) Acenaphthene	15.10	154	13978	0.397	ng		95
18) Fluorene	16.07	166	17086	0.388	ng	#	78
20) 4-Bromophenyl-phenylether	16.94	248	5452	0.393	ng	#	76
21) Hexachlorobenzene	17.05	284	5290	0.380	ng	#	83
22) Pentachlorophenol	17.38	266	1625	0.559	ng	#	75
23) Phenanthrene	17.79	178	28494	0.391	ng		99
24) Anthracene	17.88	178	25418	0.391	ng		95
26) Fluoranthene	19.75	202	33920	0.388	ng		98
28) Pyrene	20.10	202	38471	0.398	ng		95
30) Benzo(a)anthracene	21.81	228	28201	0.394	ng		98
31) Chrysene	21.87	228	28780	0.398	ng		98
32) Bis(2-ethylhexyl)phthalate	21.70	149	51966	0.522	ng		100
33) Indeno(1,2,3-cd)pyrene	27.31	276	27861	0.423	ng		98
35) Benzo(b)fluoranthene	23.66	252	27702	0.390	ng	#	89
36) Benzo(k)fluoranthene	23.72	252	27576	0.379	ng		95
37) Benzo(a)pyrene	24.37	252	25855	0.397	ng		94
38) Dibenzo(a,h)anthracene	27.33	278	22405	0.408	ng		97
39) Benzo(g,h,i)perylene	28.19	276	22903	0.385	ng	#	94

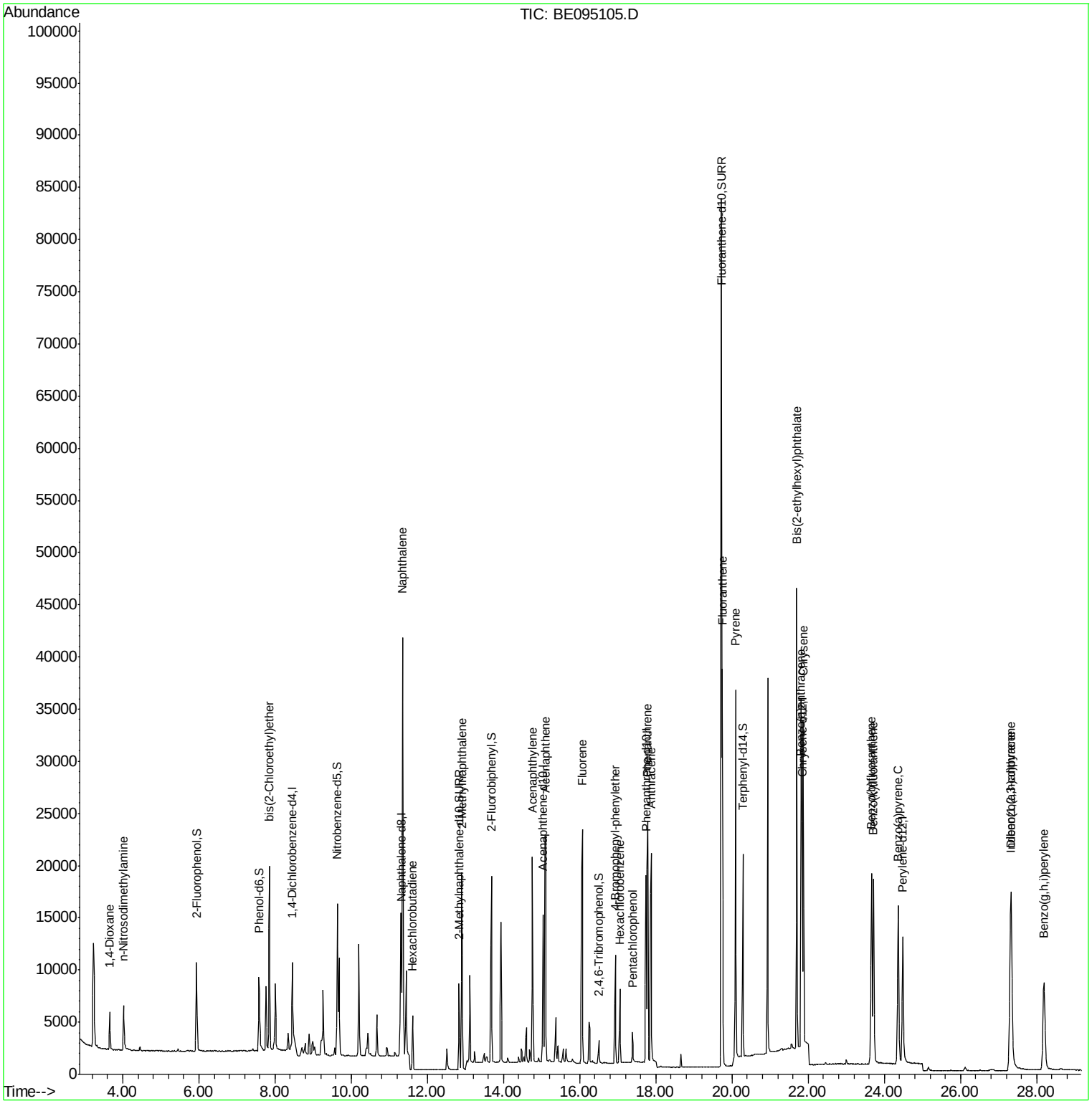
(#) = qualifier out of range (m) = manual integration (+) = signals summed

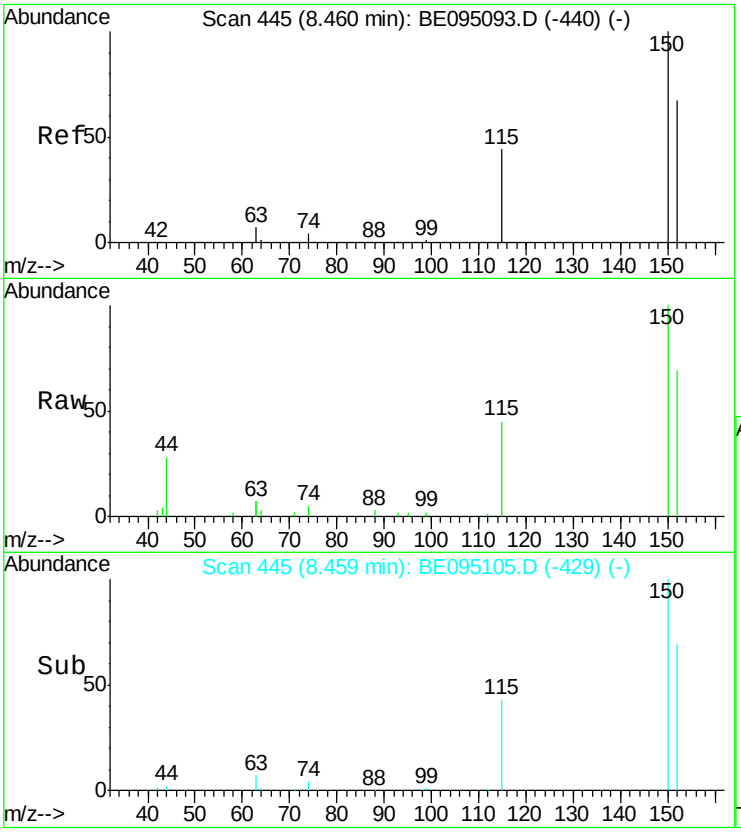
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
Data File : BE095105.D
Acq On : 23 Jan 2018 19:49
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 24 01:11:37 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



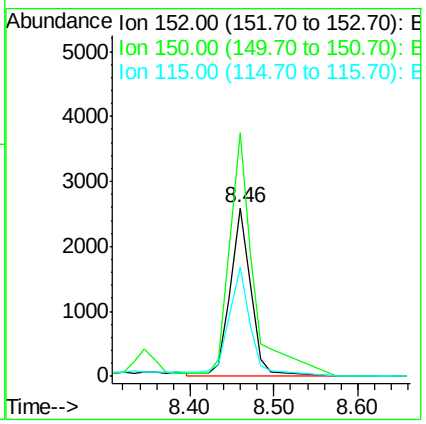


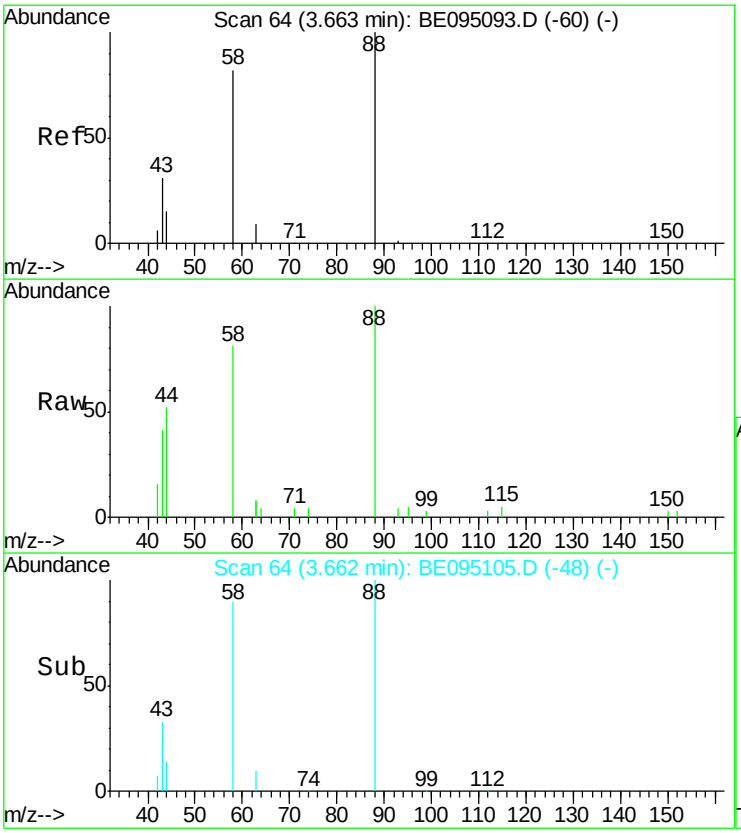
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6860

Ion	Ratio	Lower	Upper
152	100		
150	144.5	117.2	175.8
115	64.8	57.0	85.6

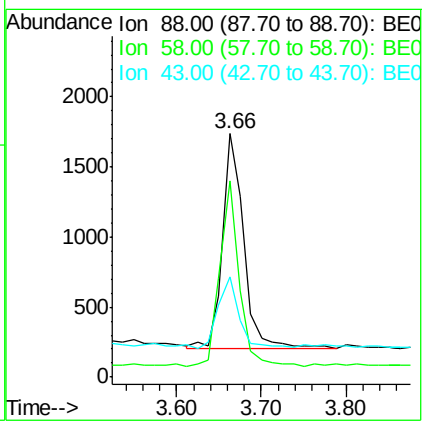


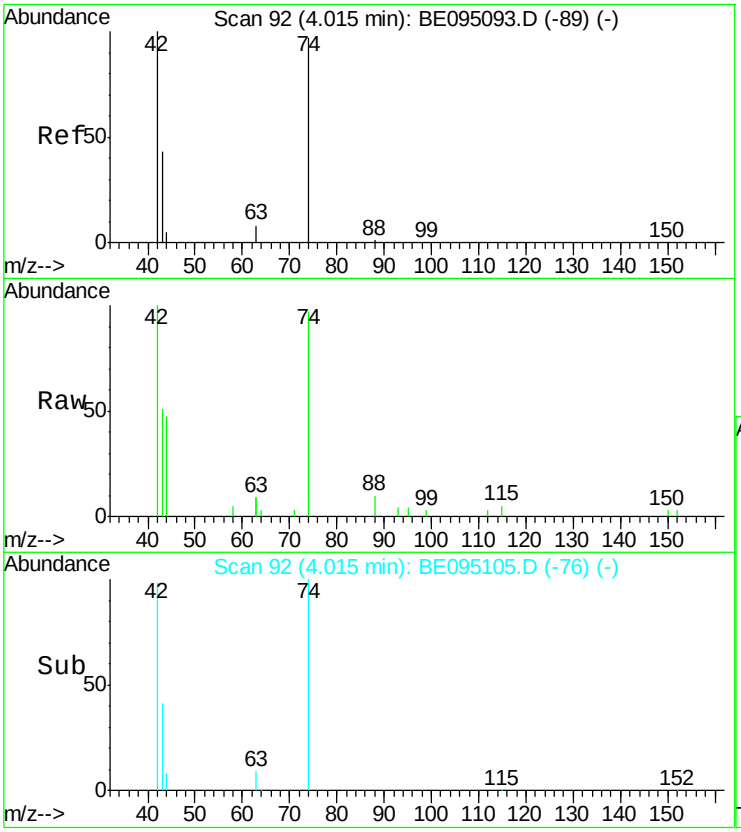


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.66 min Scan# 64
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion: 88 Resp: 2660

Ion	Ratio	Lower	Upper
88	100		
58	78.4	63.2	94.8
43	33.3	41.2	61.8#



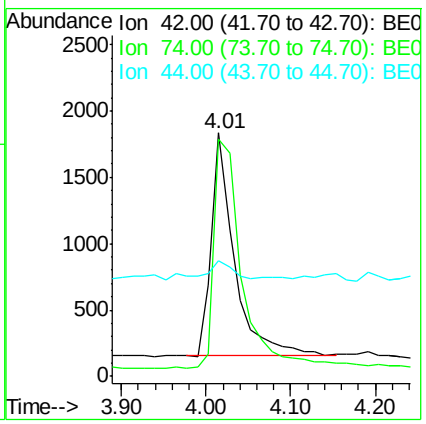


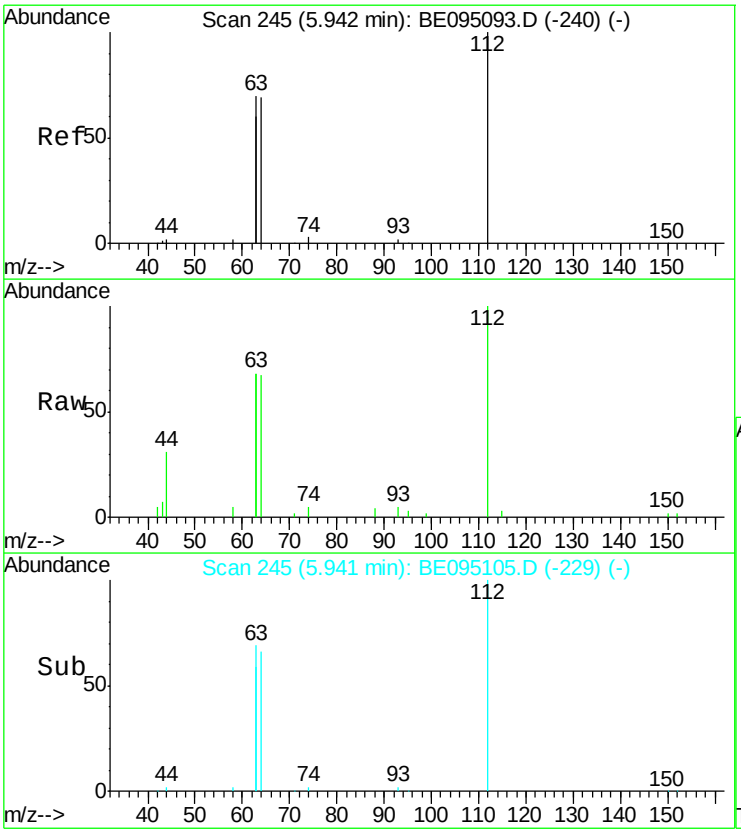
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 4.01 min Scan# 92
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3200

Ion	Ratio	Lower	Upper
42	100		
74	124.4	96.0	144.0
44	10.7	12.0	18.0#

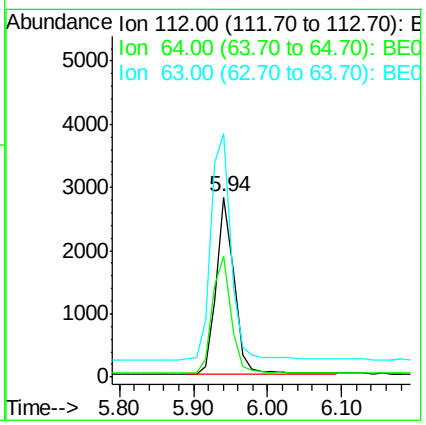


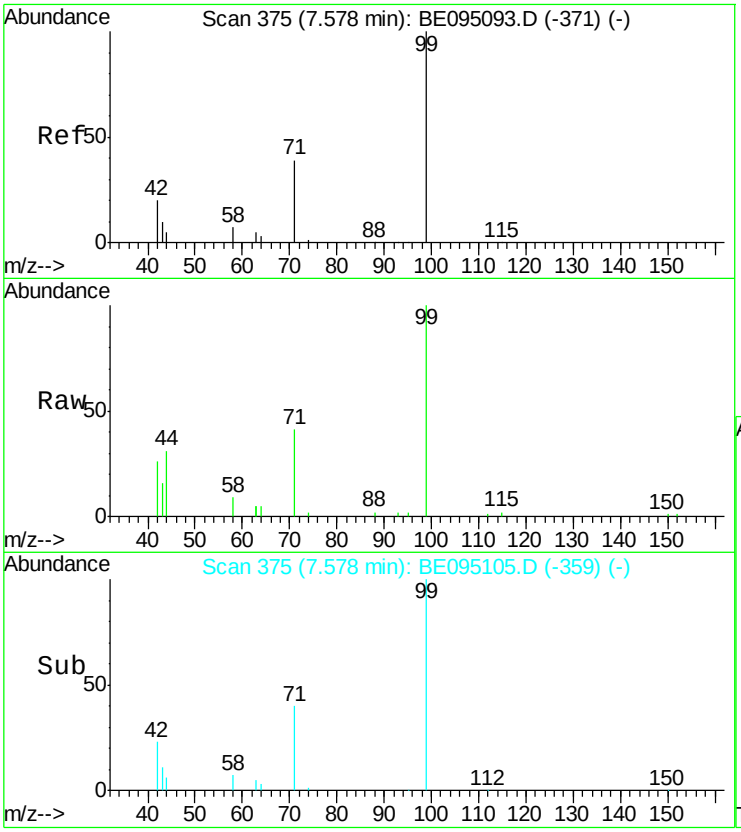


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:112 Resp: 4714

Ion	Ratio	Lower	Upper
112	100		
64	69.2	60.1	90.1
63	145.1	116.8	175.2



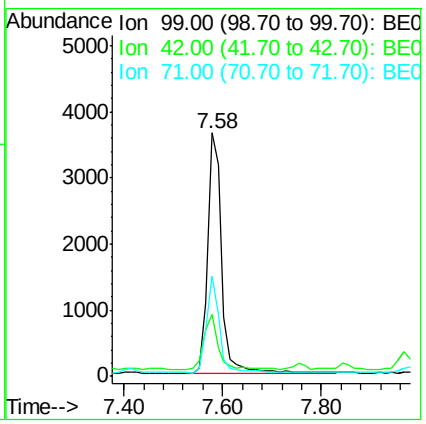


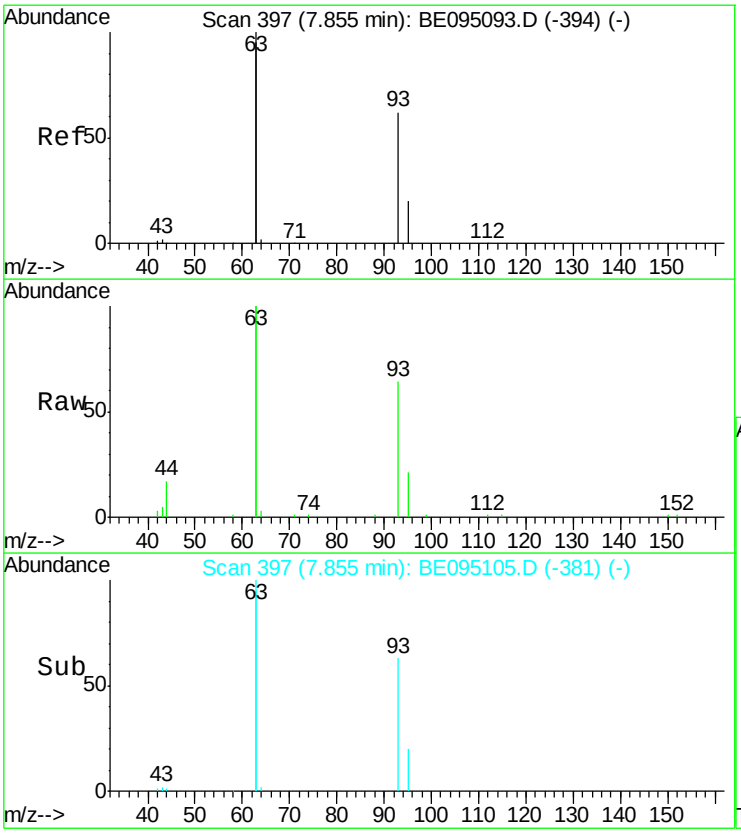
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7215

Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.2	30.2
71	36.4	28.4	42.6

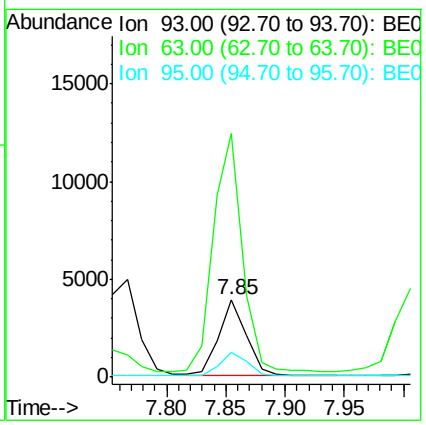


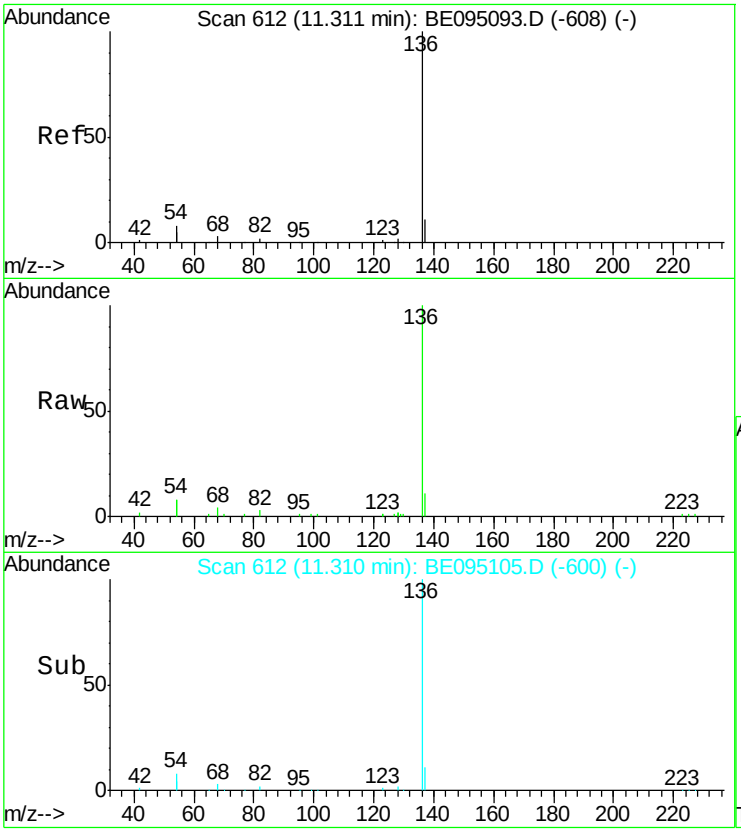


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.85 min Scan# 397
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion: 93 Resp: 6271

Ion	Ratio	Lower	Upper
93	100		
63	326.6	275.3	412.9
95	32.3	25.2	37.8



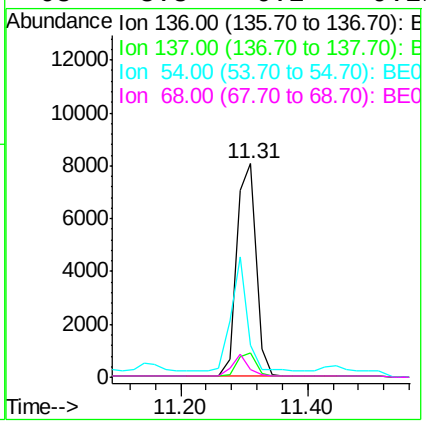


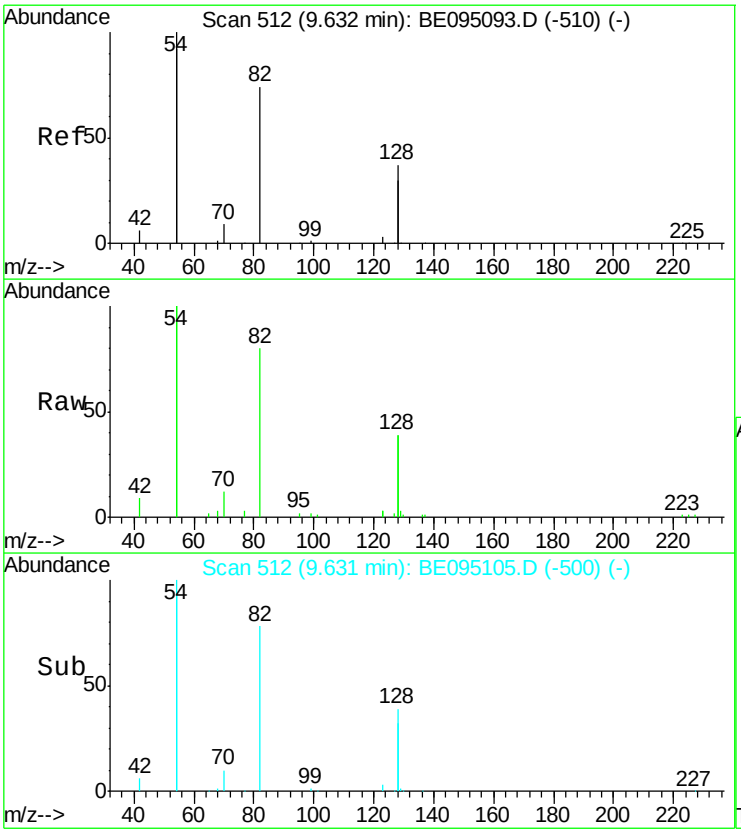
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16970

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	15.1	29.1	43.7#
68	3.8	6.2	9.2#

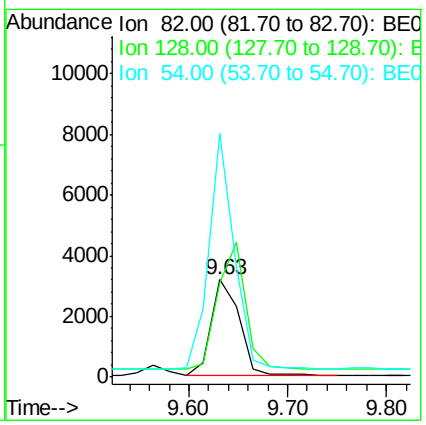


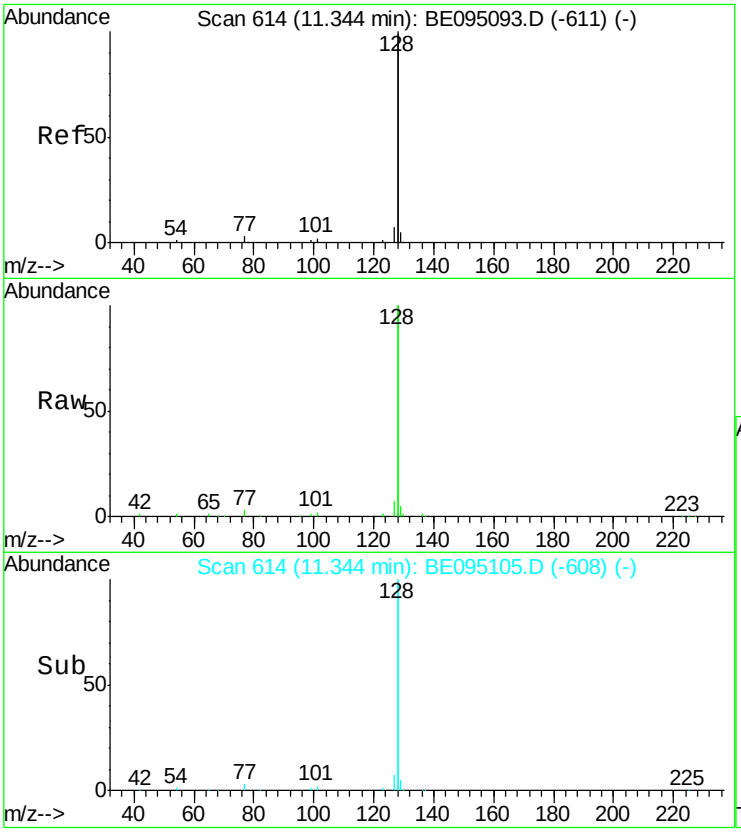


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion: 82 Resp: 6114

Ion	Ratio	Lower	Upper
82	100		
128	96.9	150.0	225.0#
54	250.8	154.2	231.4#



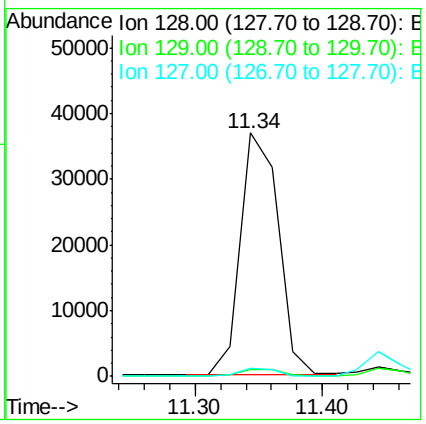


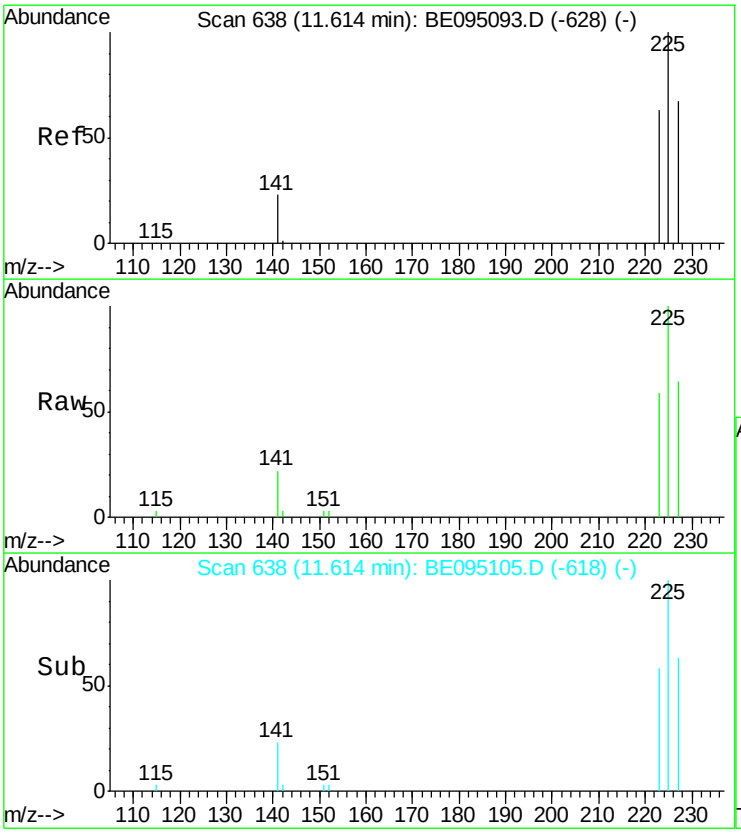
#9
Naphthalene
Concen: 0.397 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 77107

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.6	2.8	4.2

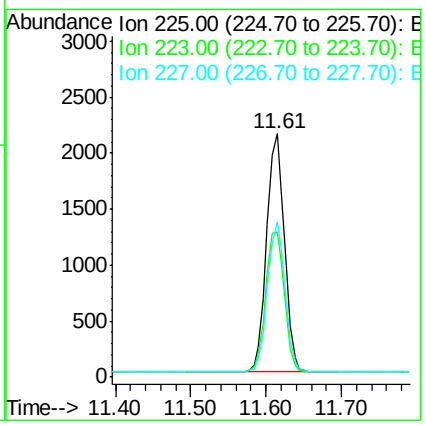


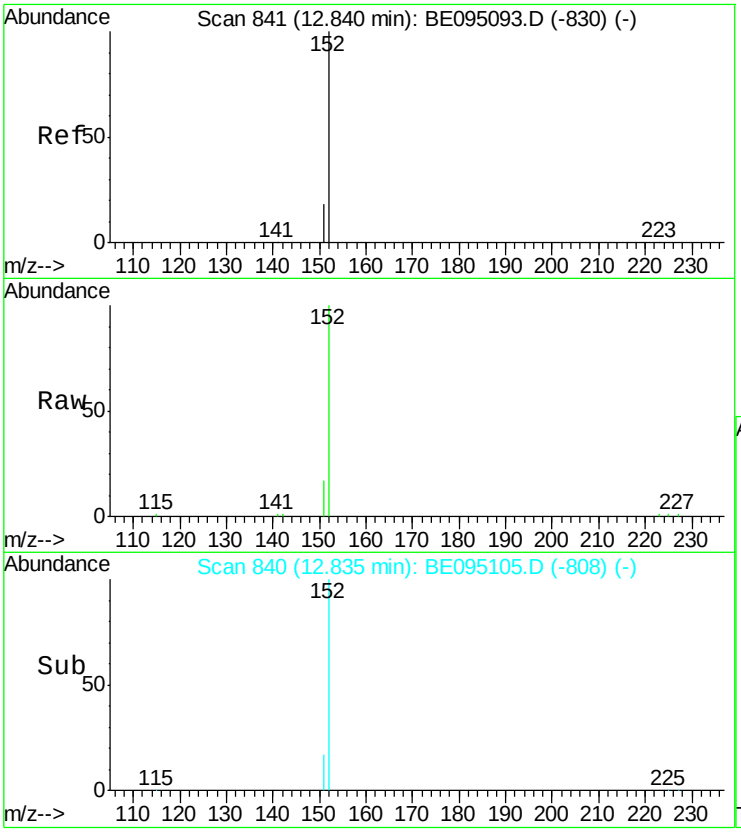


#10
Hexachlorobutadiene
Concen: 0.464 ng
RT: 11.61 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:225 Resp: 4039

Ion	Ratio	Lower	Upper
225	100		
223	52.6	53.0	79.6#
227	53.4	51.4	77.2



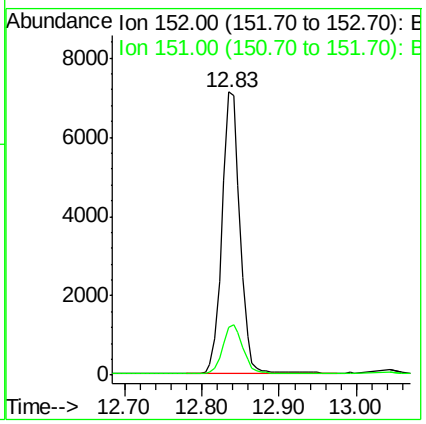


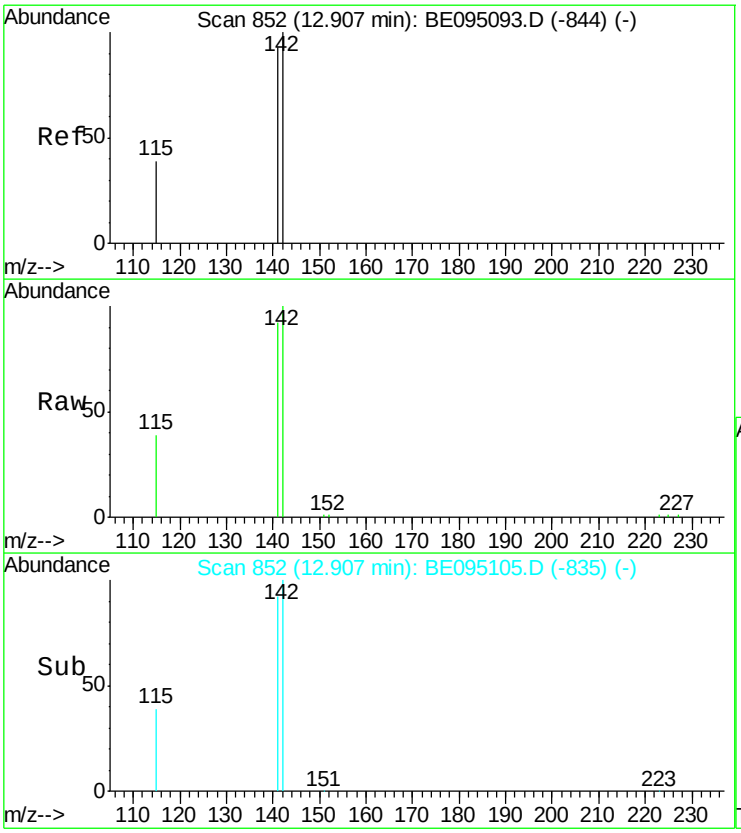
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11298

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

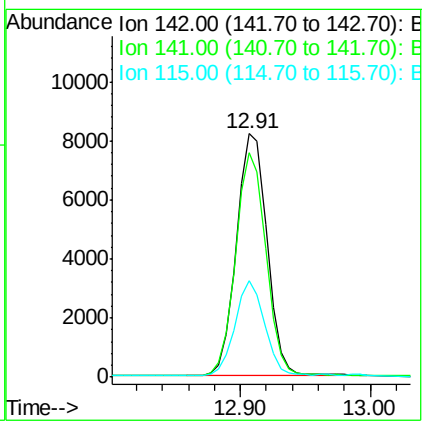


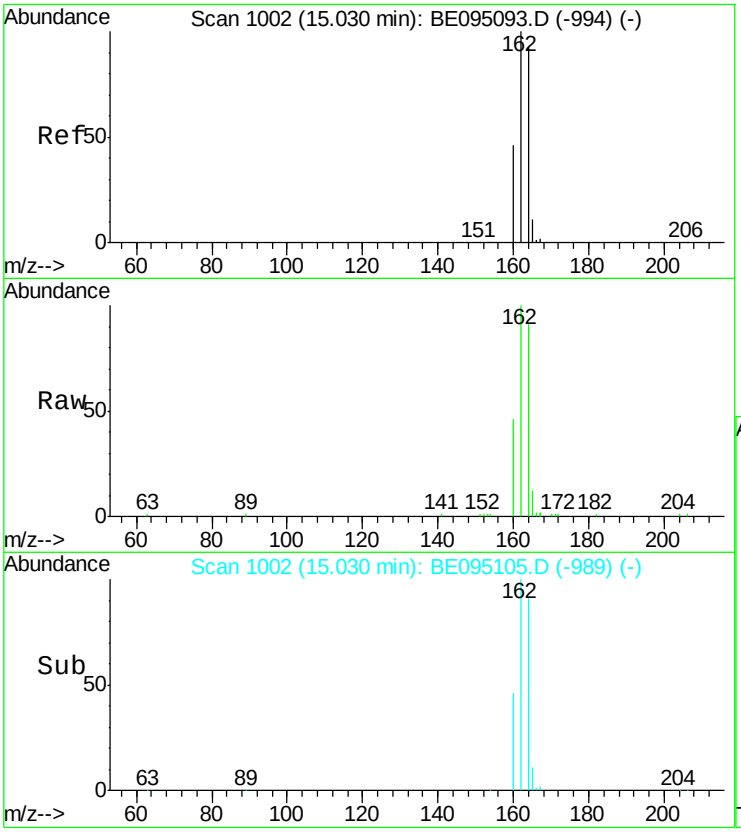


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.91 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:142 Resp: 13298

Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.4	105.6
115	39.4	31.7	47.5



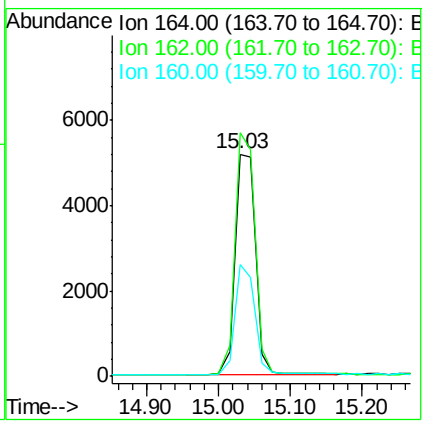


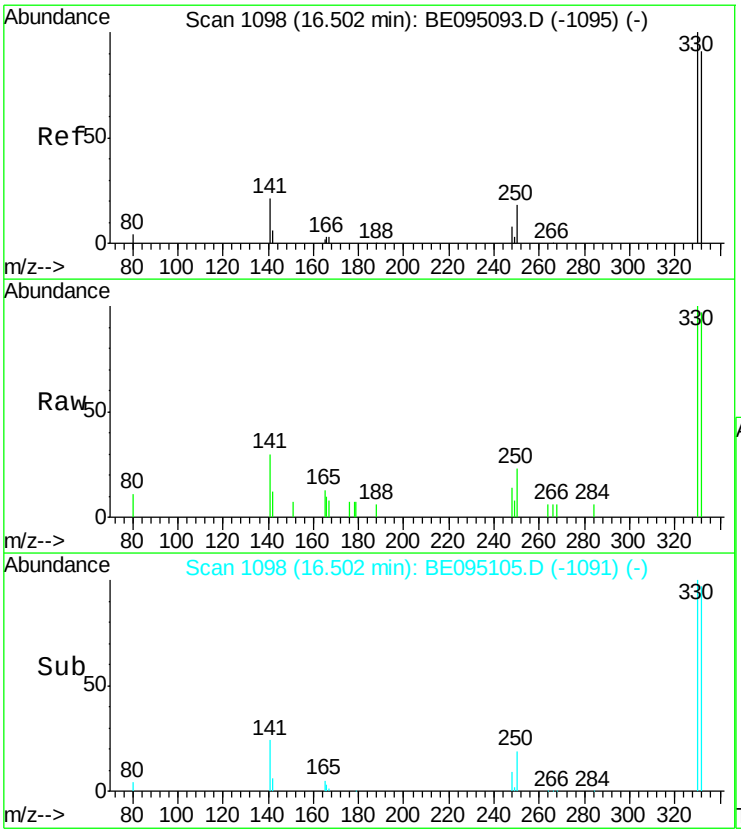
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10120

Ion	Ratio	Lower	Upper
164	100		
162	109.6	83.1	124.7
160	50.5	37.1	55.7

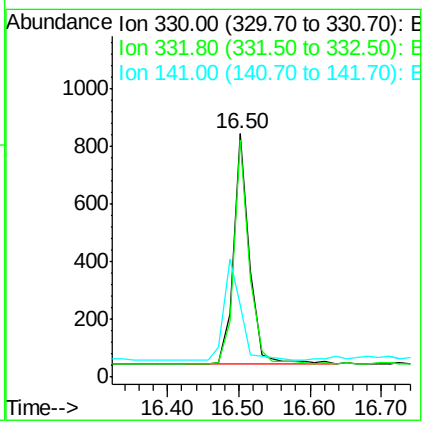


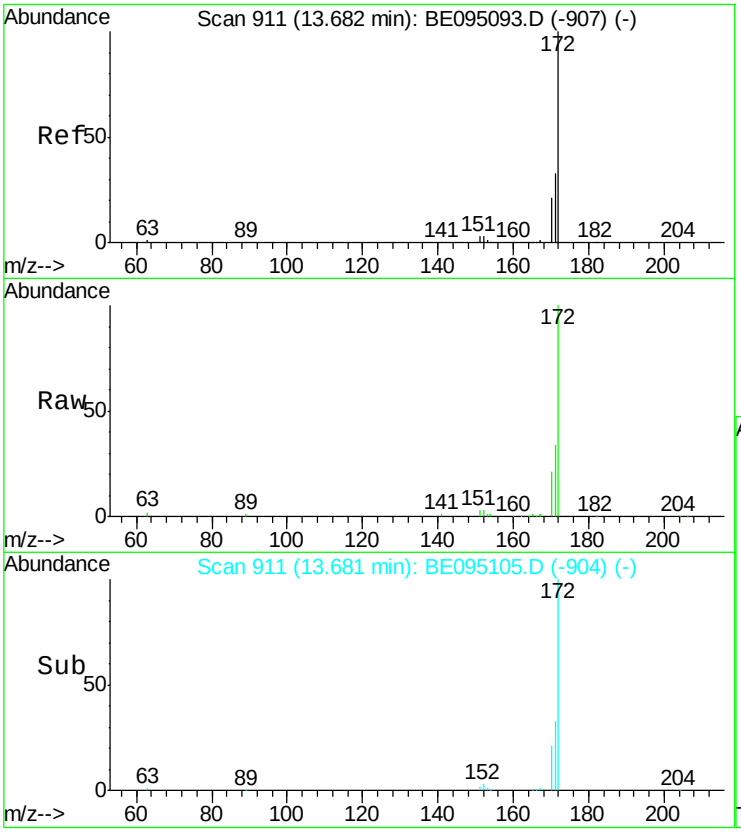


#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:330 Resp: 1247

Ion	Ratio	Lower	Upper
330	100		
332	93.1	152.7	229.1#
141	45.2	33.7	50.5



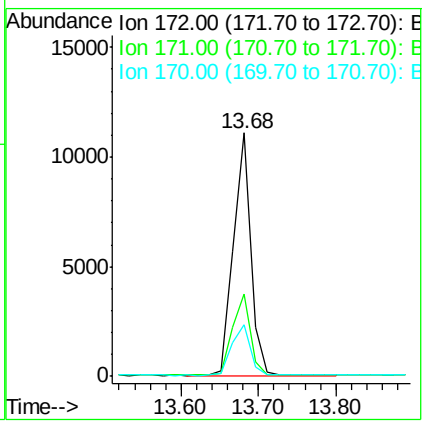


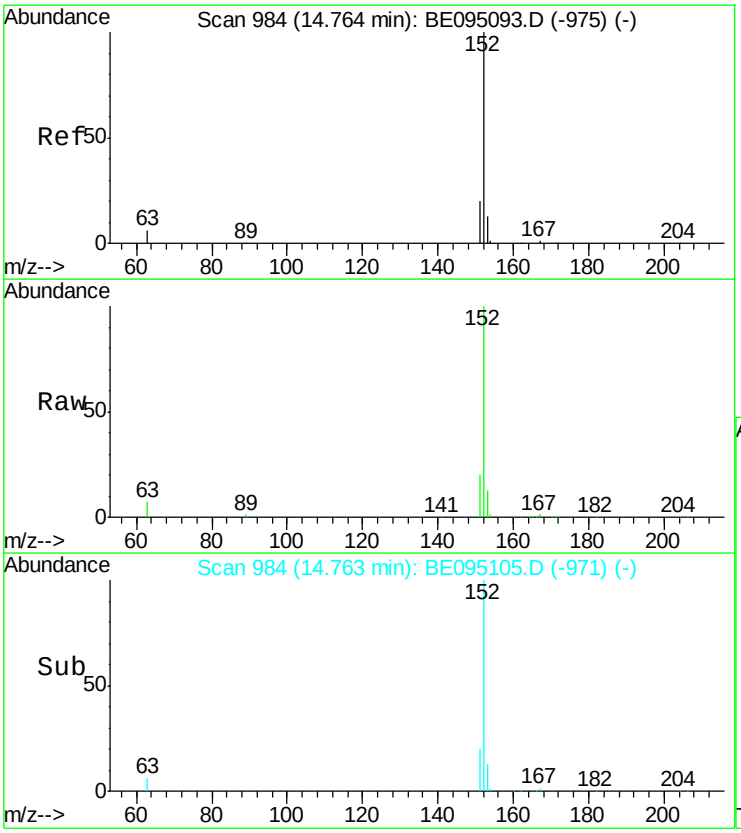
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 17240

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	21.1	21.8	32.8#

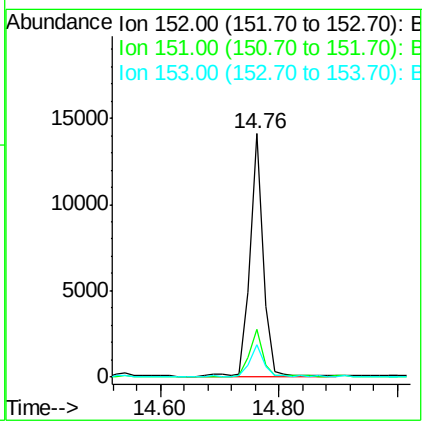


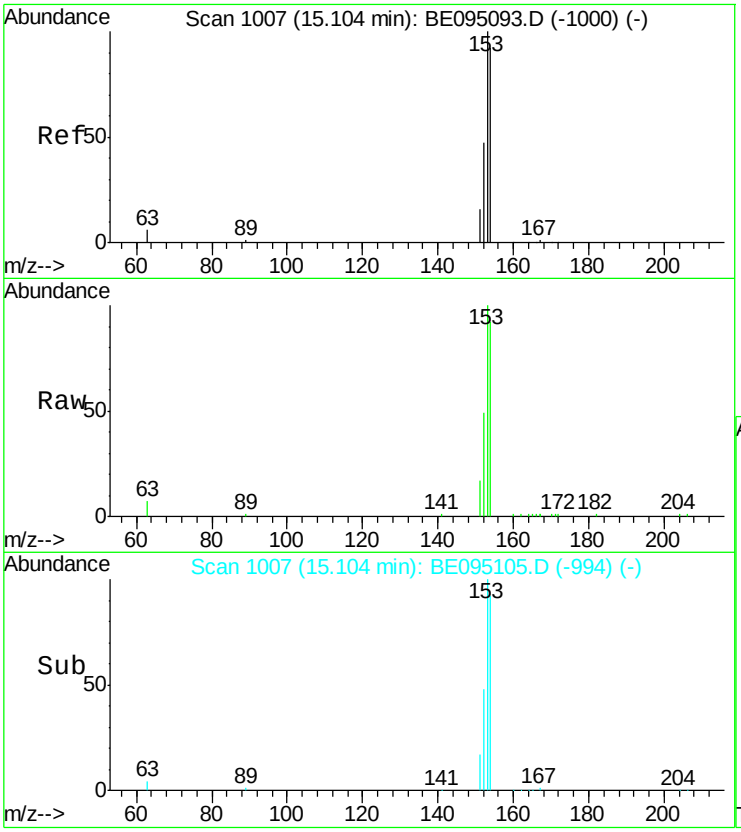


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:152 Resp: 21363

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.5	15.7



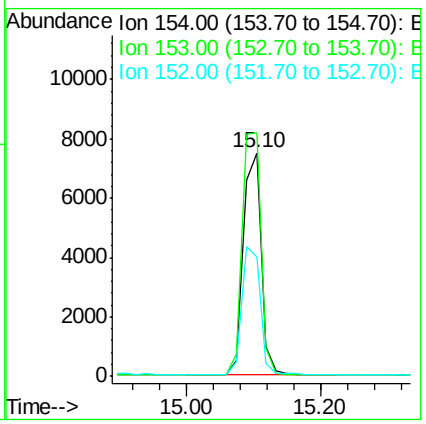


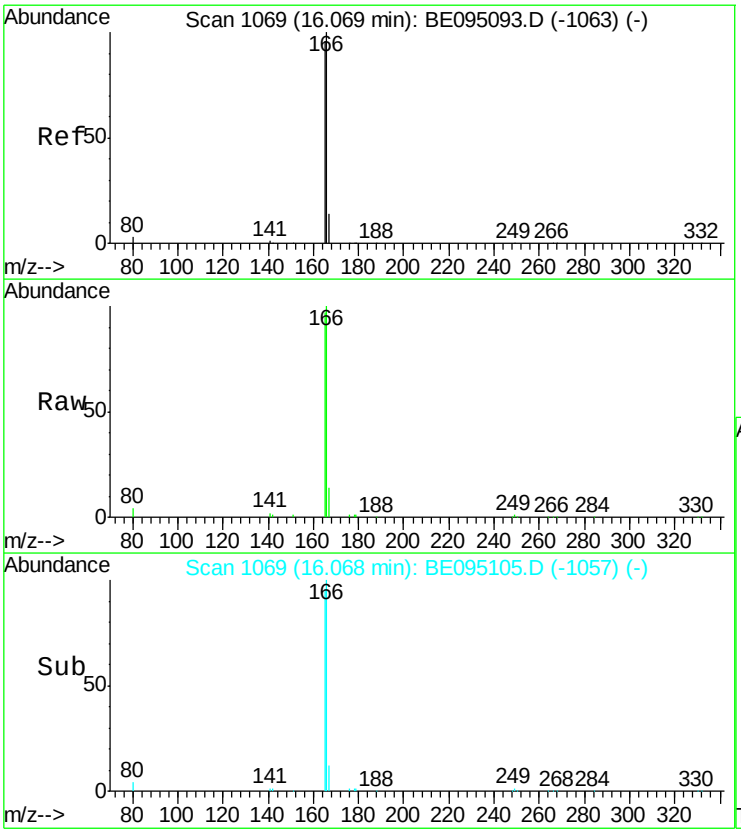
#17
Acenaphthene
Concen: 0.397 ng
RT: 15.10 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 13978

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	58.7	42.0	63.0

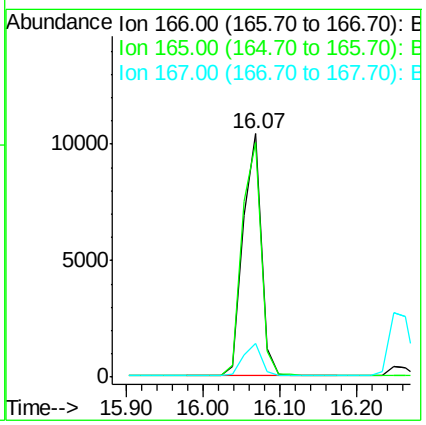


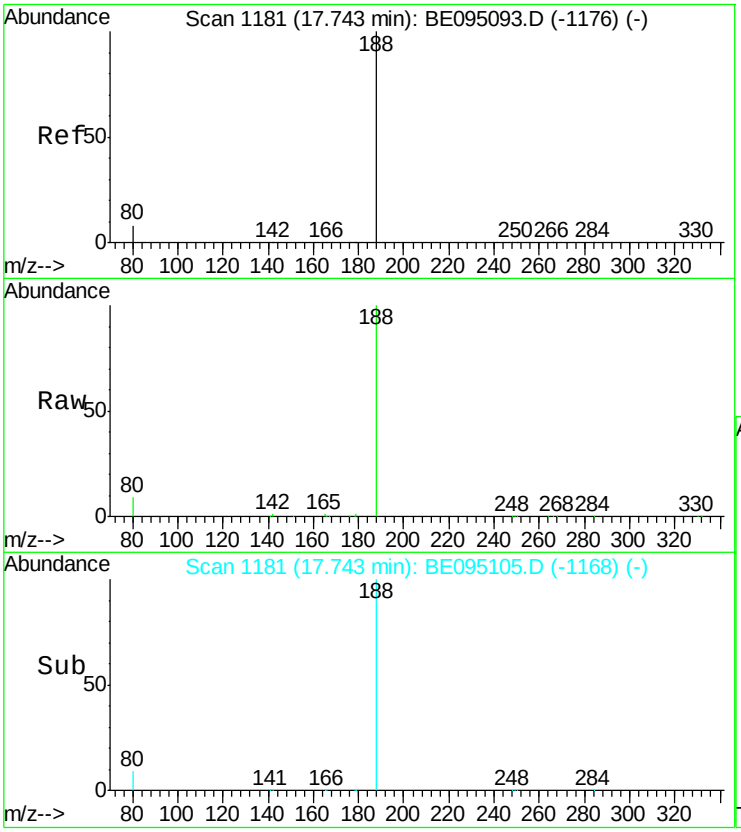


#18
Fluorene
Concen: 0.388 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:166 Resp: 17086

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.6
167	13.6	42.4	63.6#



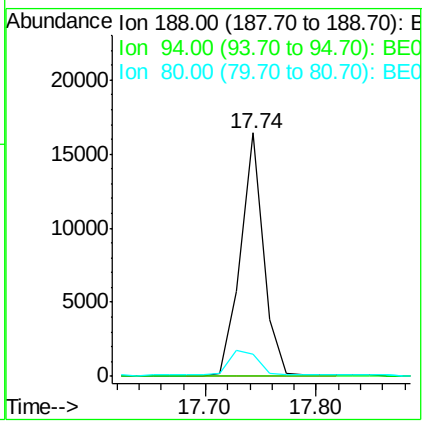


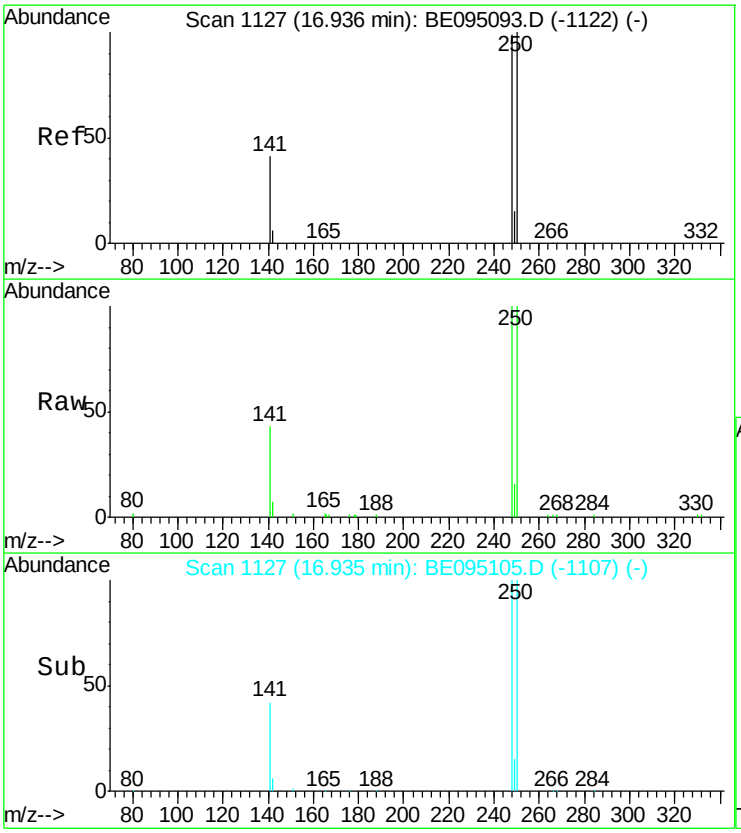
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 23592

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

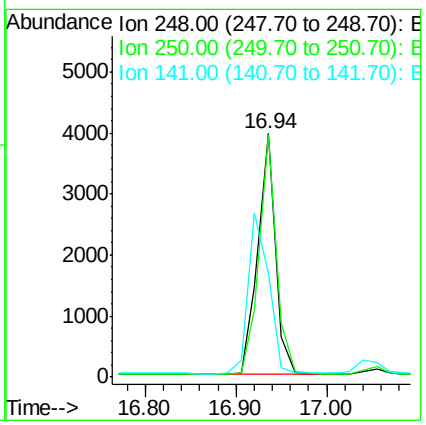


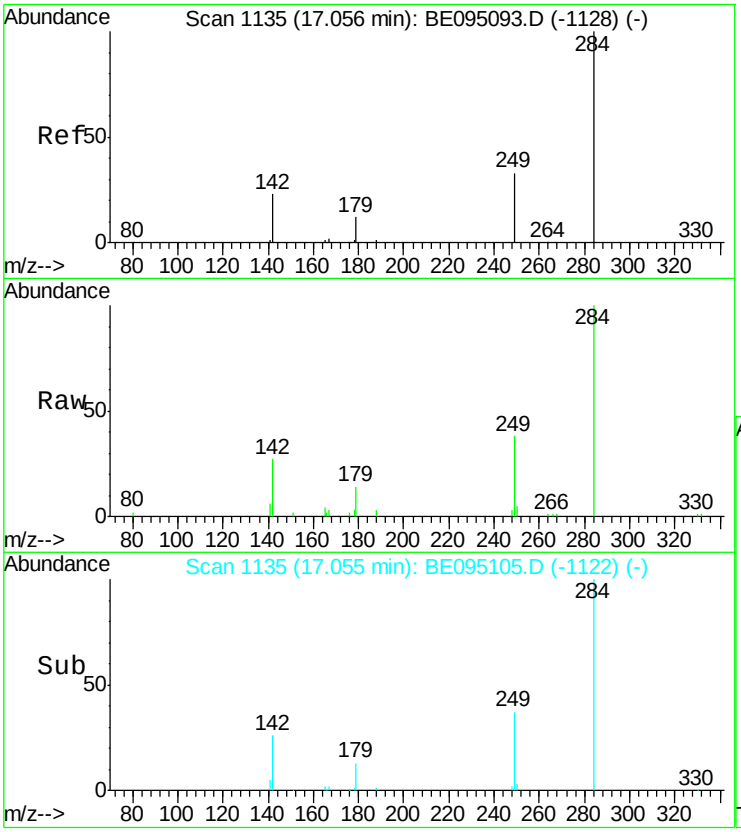


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.94 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:248 Resp: 5452

Ion	Ratio	Lower	Upper
248	100		
250	99.7	62.7	94.1#
141	42.9	48.2	72.2#



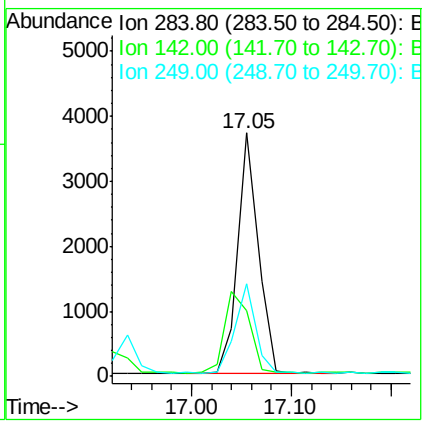


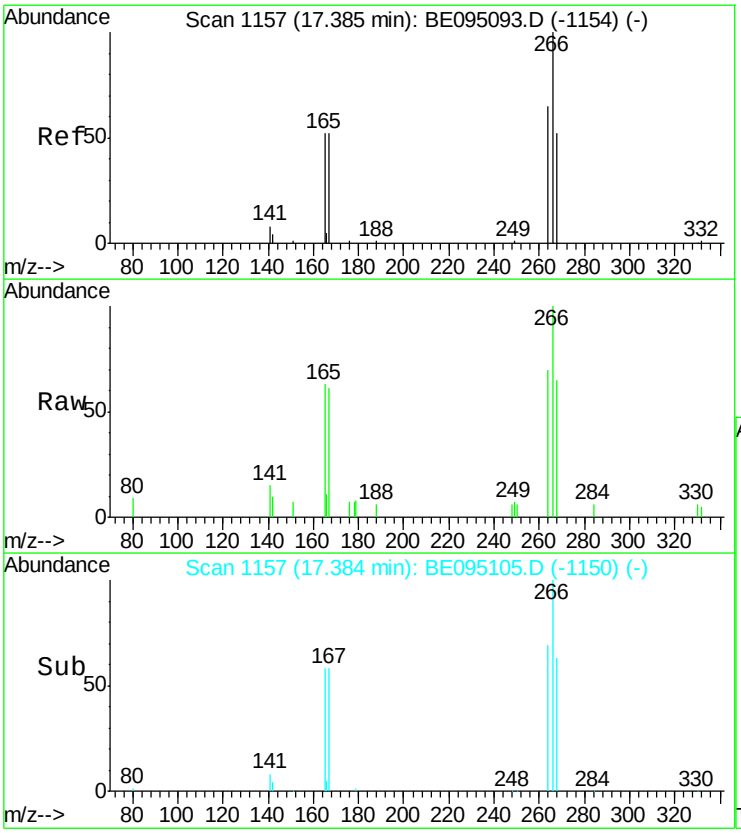
#21
Hexachlorobenzene
Concen: 0.380 ng
RT: 17.05 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 5290

Ion	Ratio	Lower	Upper
284	100		
142	40.8	22.1	33.1#
249	36.4	34.8	52.2

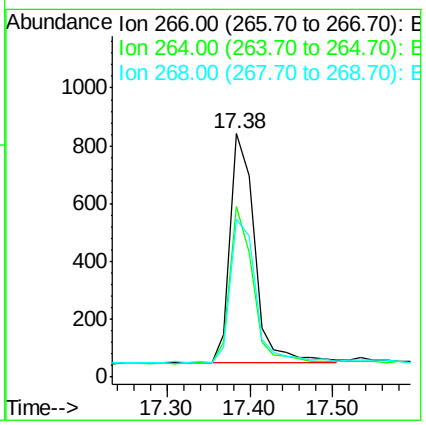


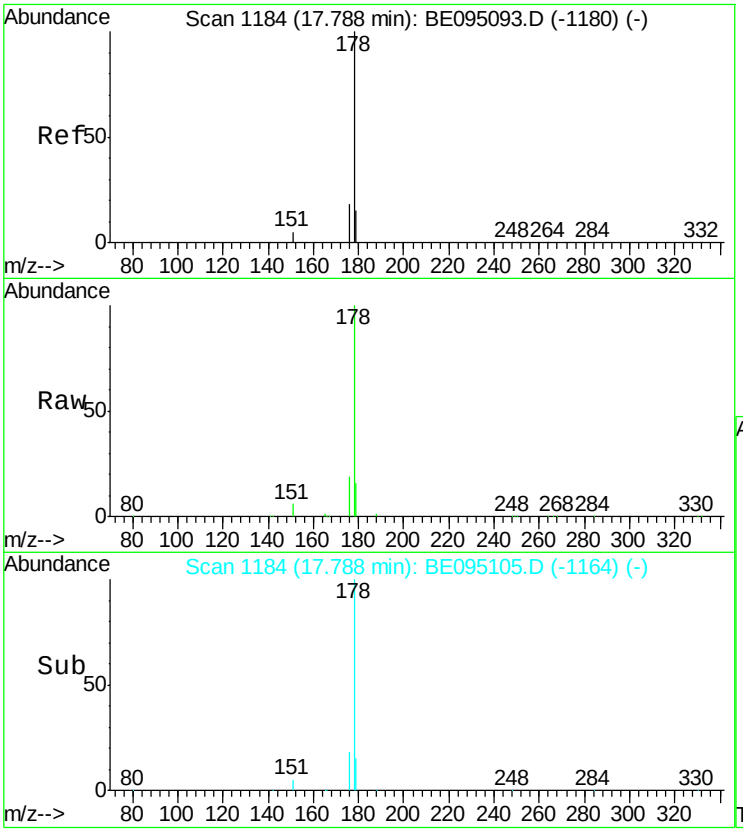


#22
Pentachlorophenol
Concen: 0.559 ng
RT: 17.38 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:266 Resp: 1625

Ion	Ratio	Lower	Upper
266	100		
264	70.3	72.5	108.7#
268	65.1	73.8	110.6#



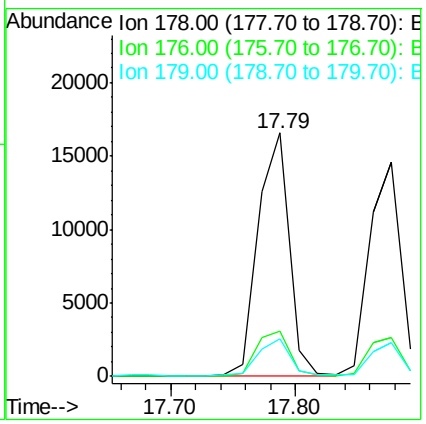


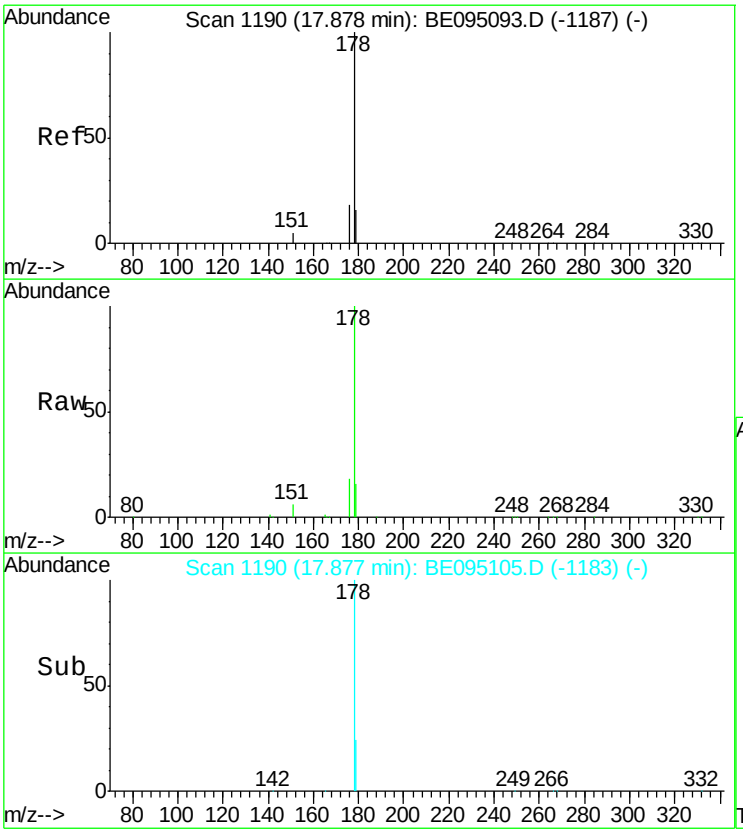
#23
Phenanthrene
Concen: 0.391 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 28494

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

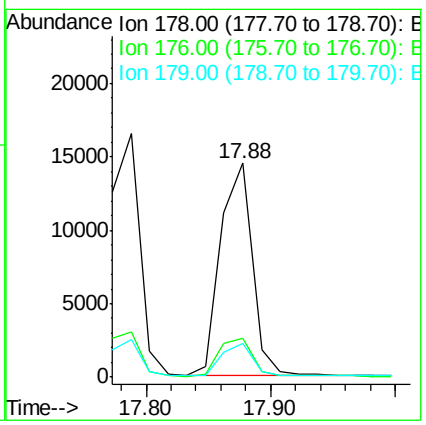


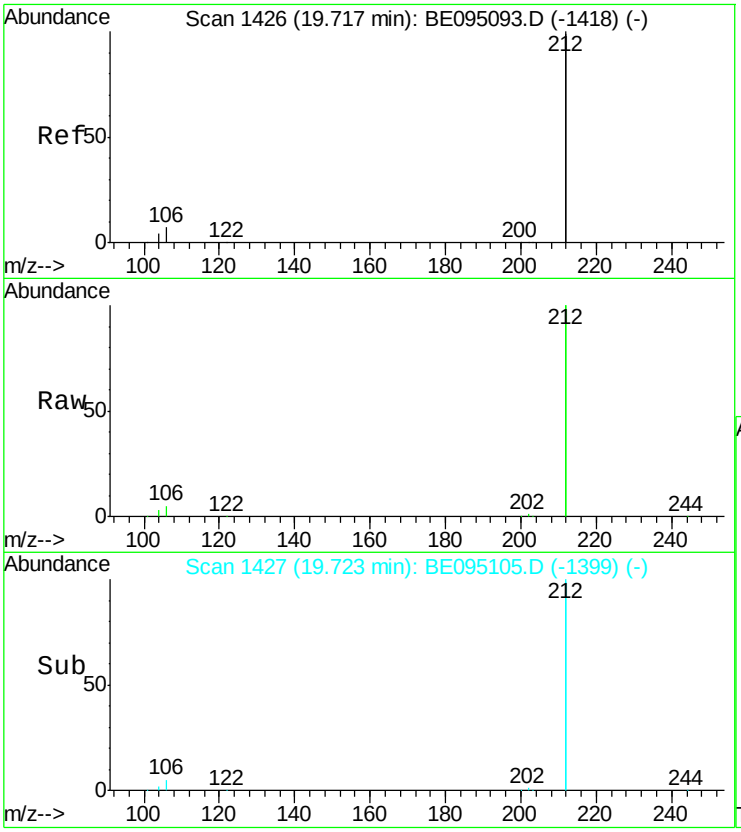


#24
Anthracene
Concen: 0.391 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:178 Resp: 25418

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	14.9	13.0	19.6



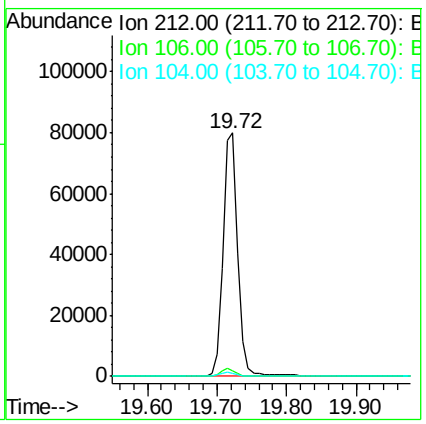


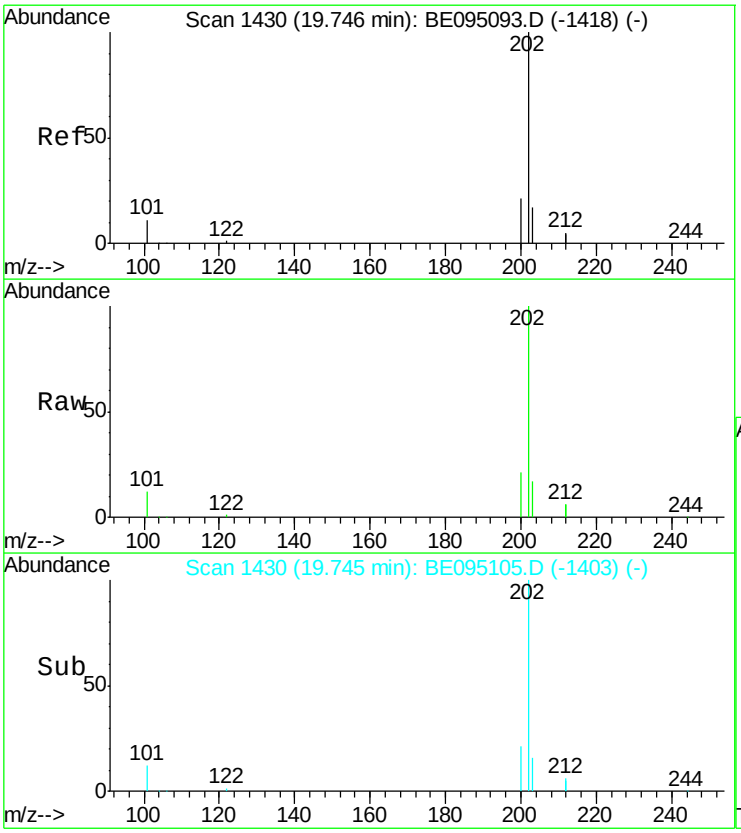
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.72 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 114895

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

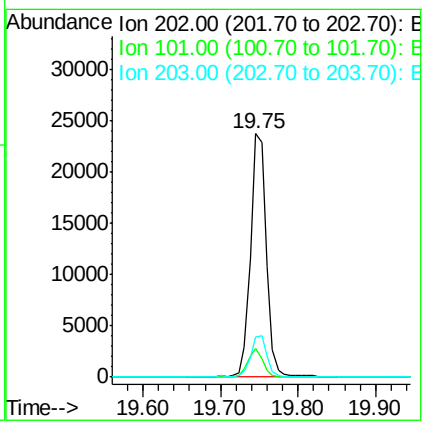


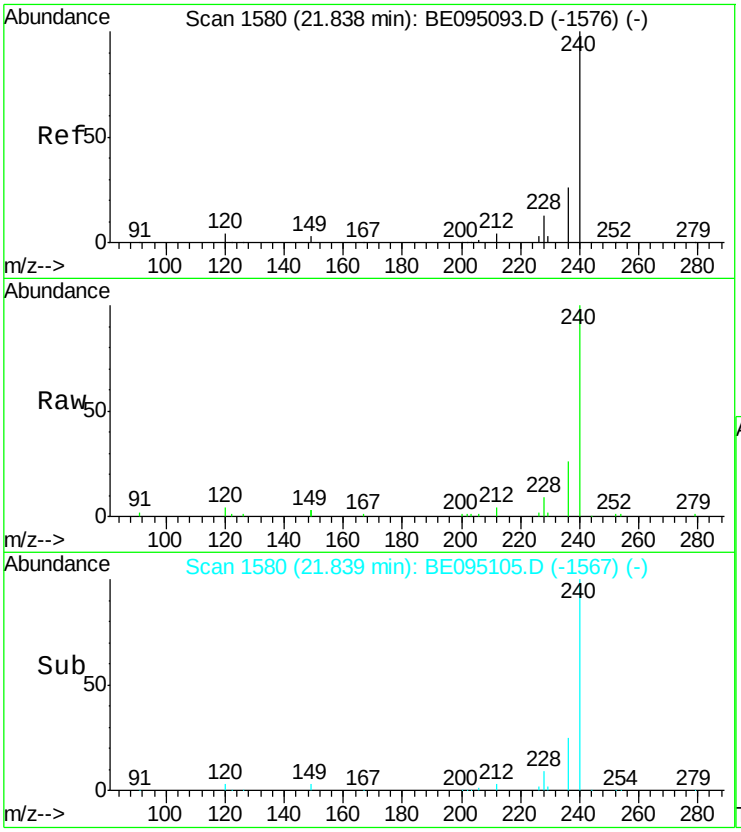


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:202 Resp: 33920

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	16.8	13.7	20.5



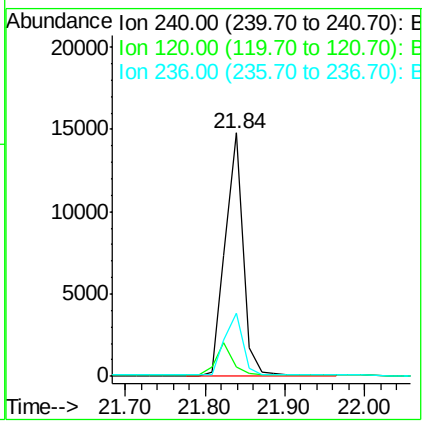


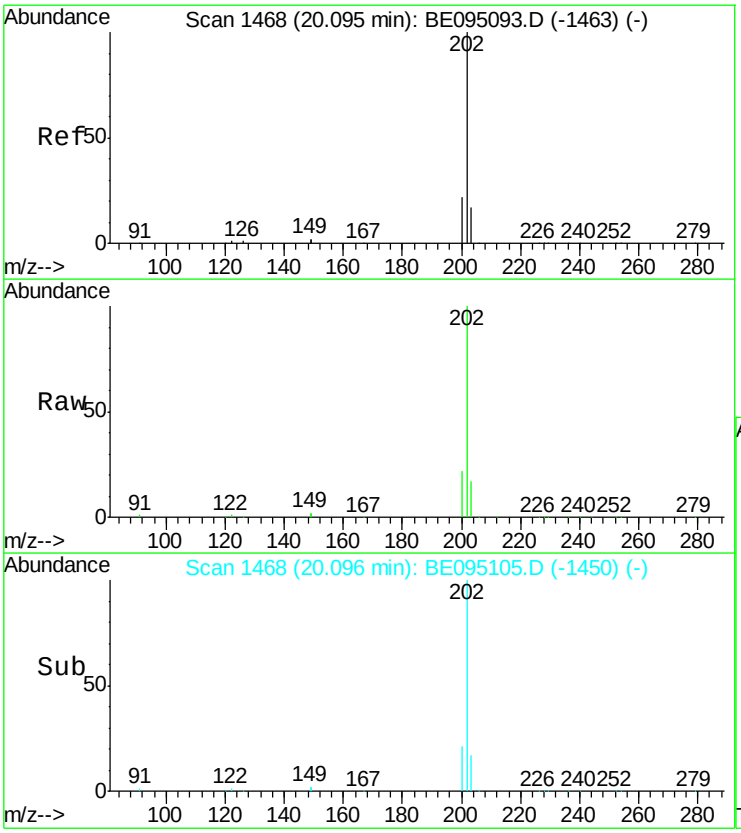
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 22884

Ion	Ratio	Lower	Upper
240	100		
120	4.1	5.5	8.3#
236	25.7	20.7	31.1

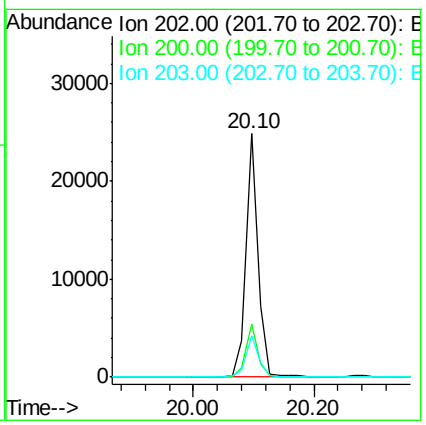


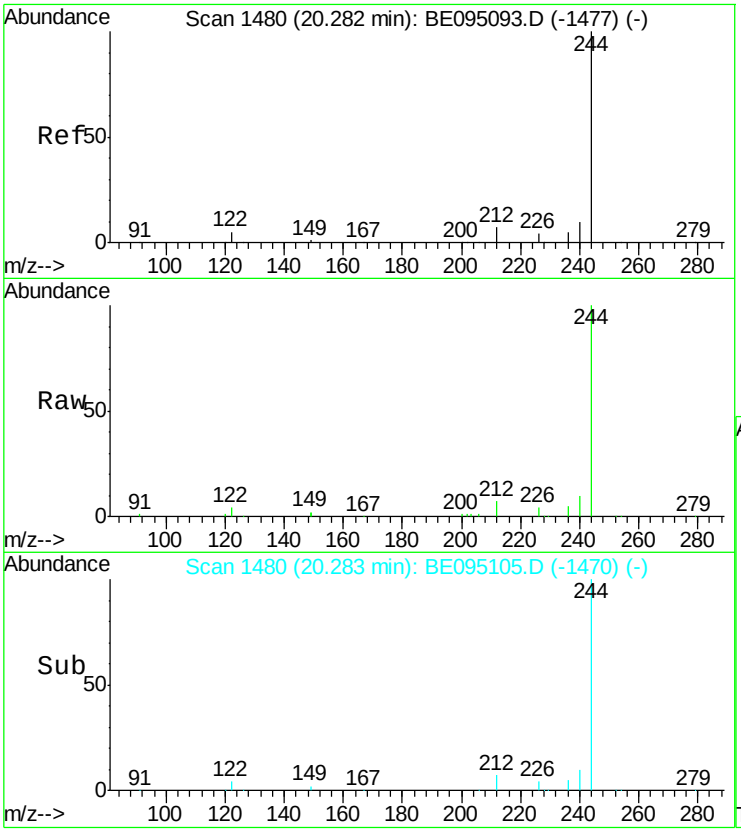


#28
Pyrene
Concen: 0.398 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:202 Resp: 38471

Ion	Ratio	Lower	Upper
202	100		
200	18.4	16.6	25.0
203	19.1	13.8	20.8



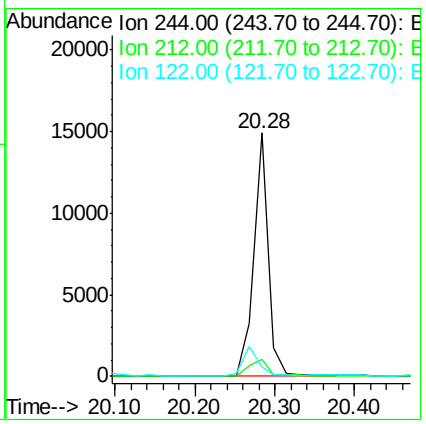


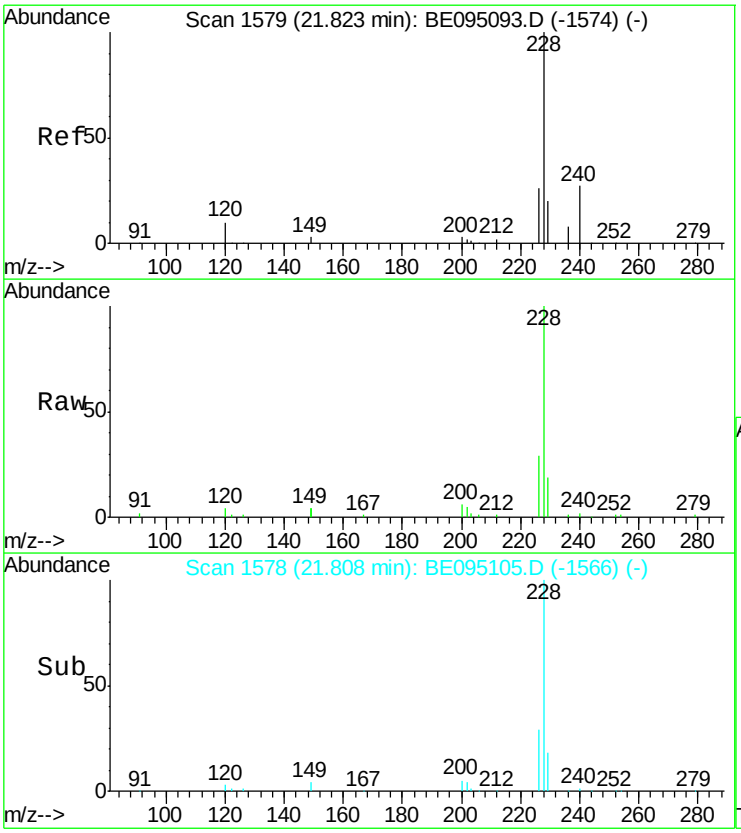
#29
Terphenyl-d14
Concen: 0.400 ng
RT: 20.28 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 18745

Ion	Ratio	Lower	Upper
244	100		
212	7.1	25.4	38.0#
122	4.1	8.1	12.1#

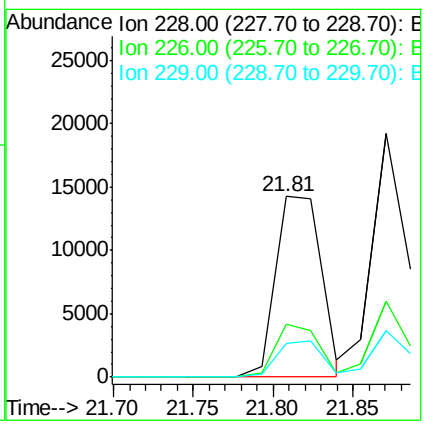


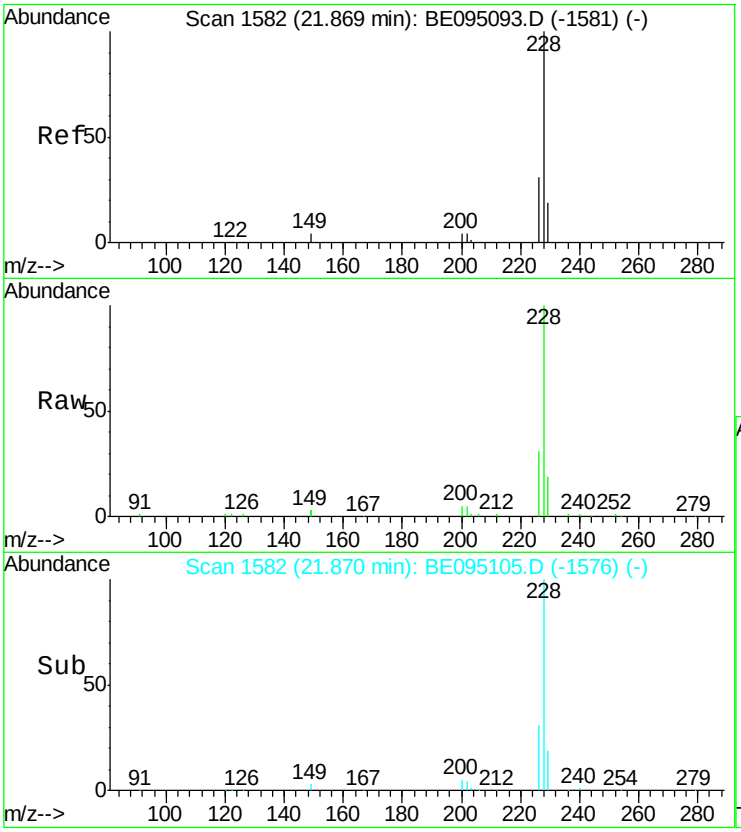


#30
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.81 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:228 Resp: 28201

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	18.9	16.0	24.0



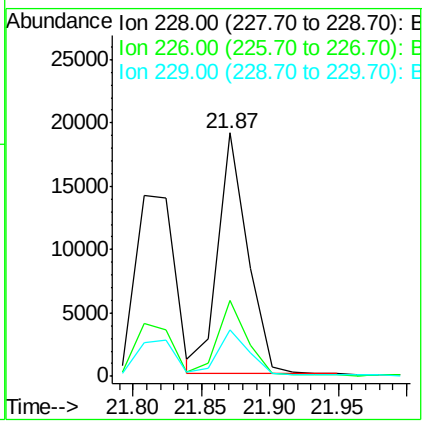


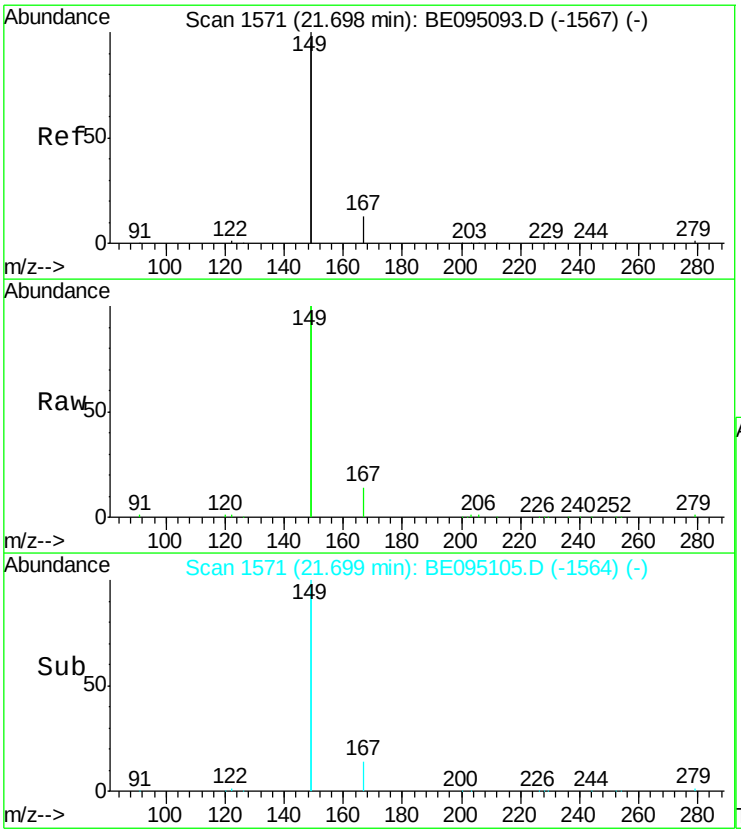
#31
Chrysene
Concen: 0.398 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 28780

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	19.1	16.0	24.0

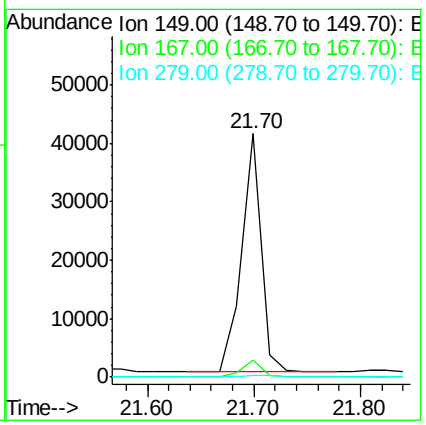


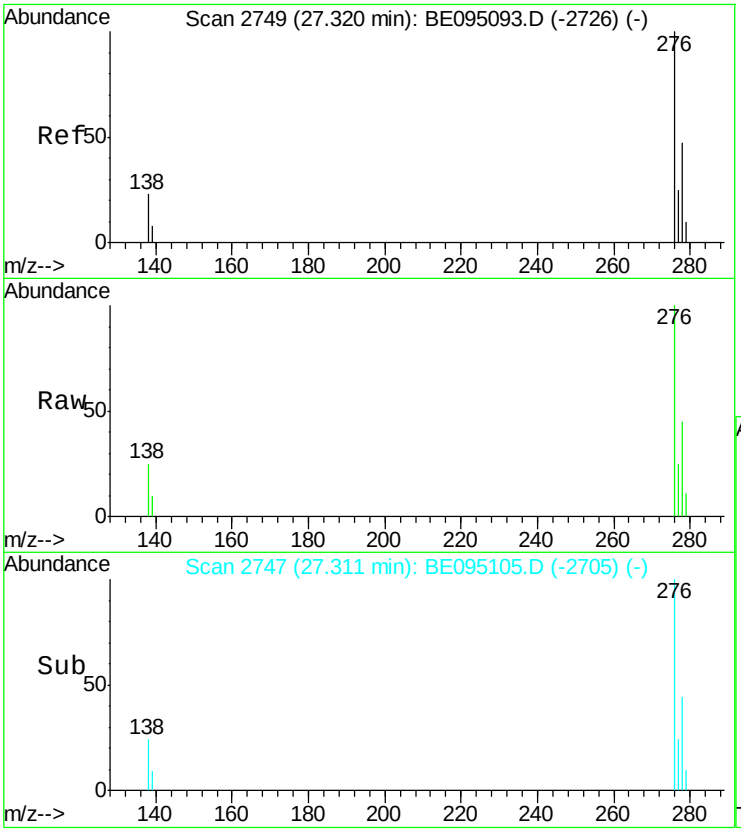


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.522 ng
RT: 21.70 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:149 Resp: 51966

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



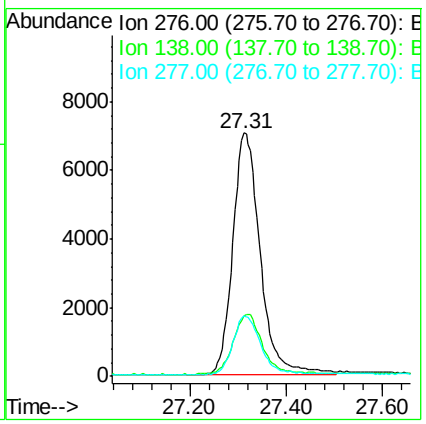


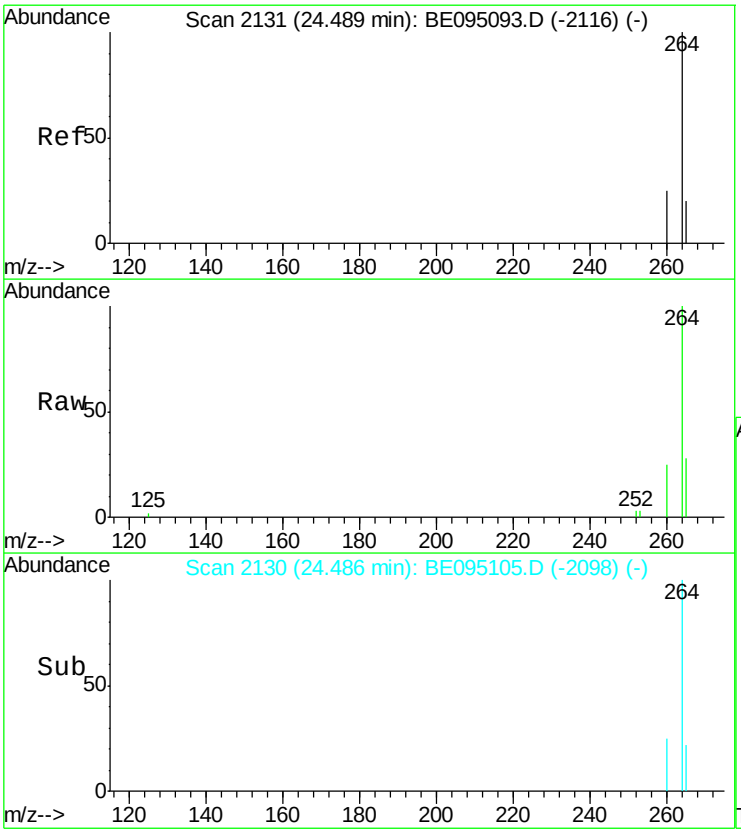
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 27.31 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 27861

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.5	33.7
277	24.4	19.9	29.9

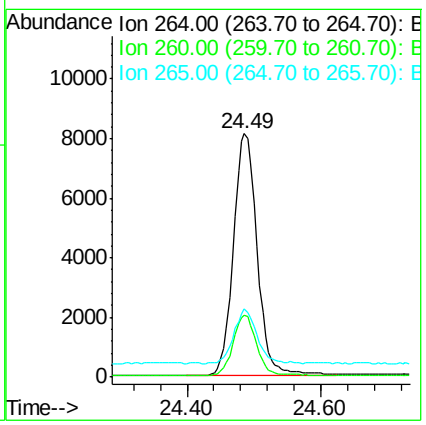


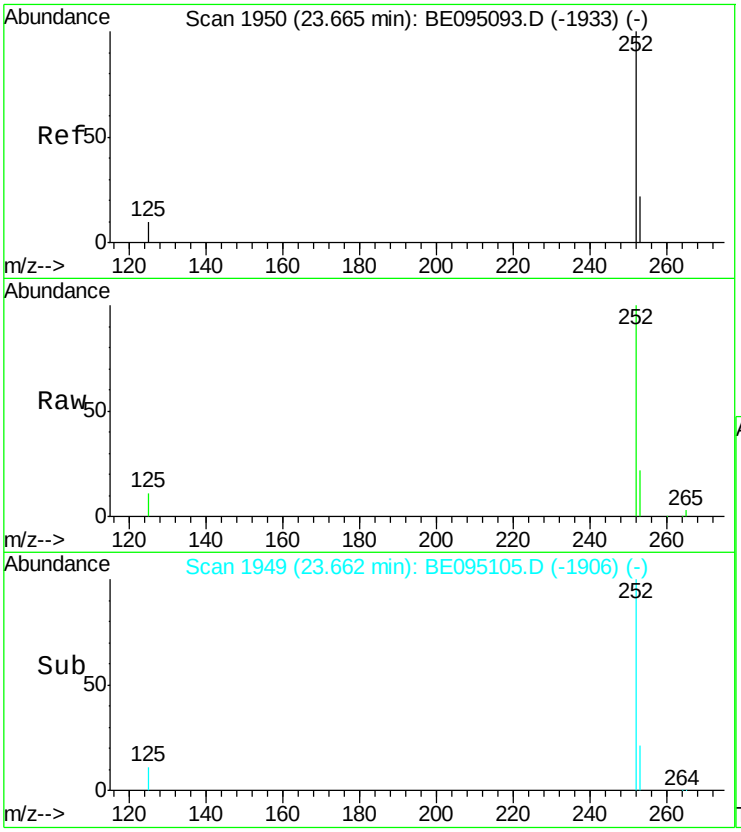


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:264 Resp: 20029

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	28.0	22.8	34.2



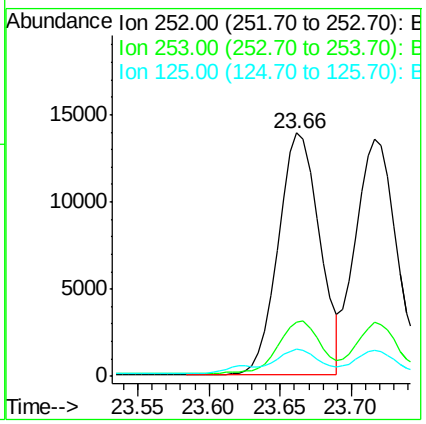


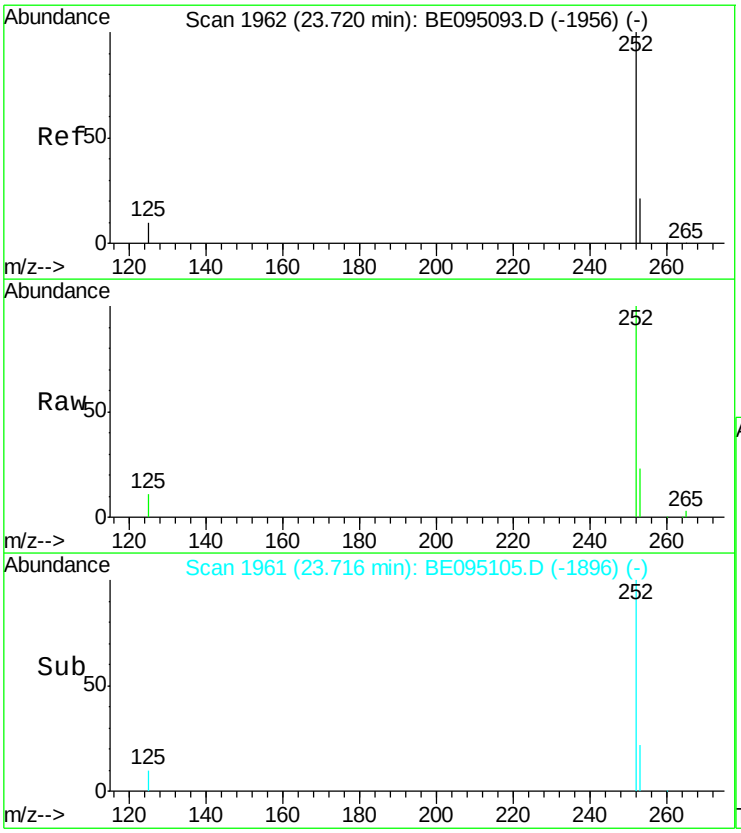
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 27702

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	11.5	16.0	24.0#

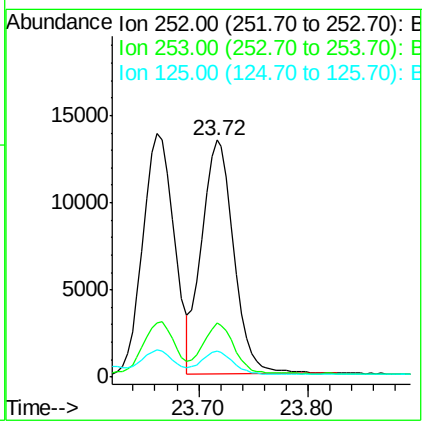


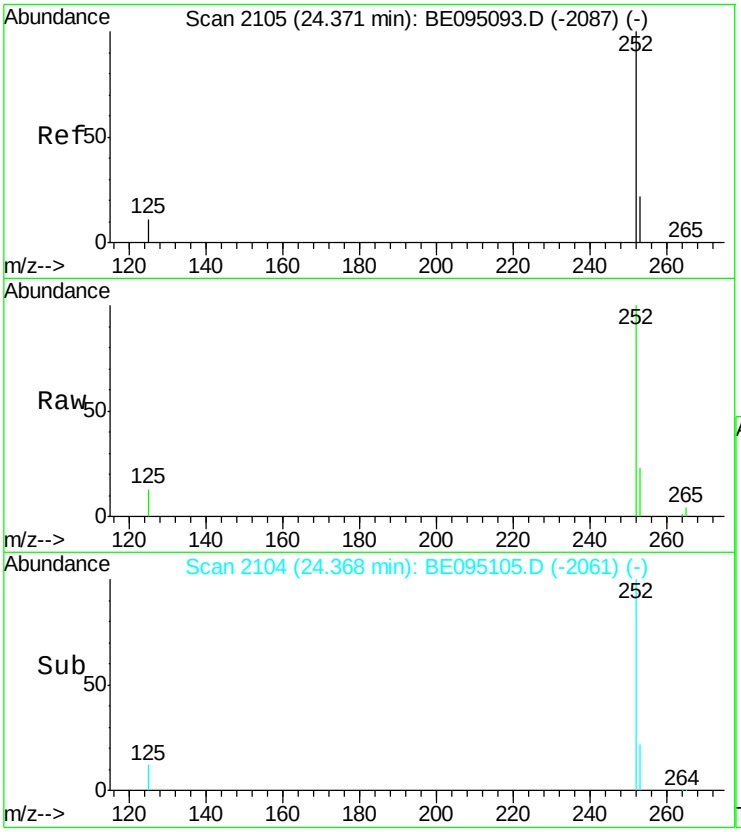


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.72 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:252 Resp: 27576

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	10.9	8.0	12.0



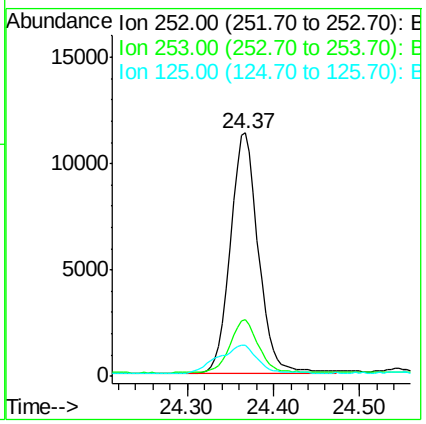


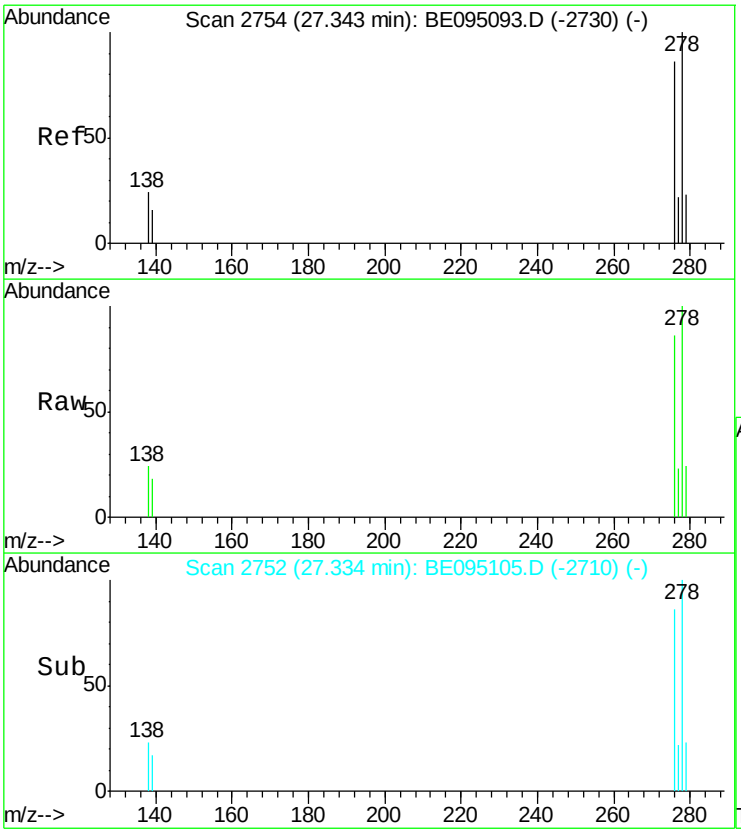
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 25855

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.8	12.0	18.0

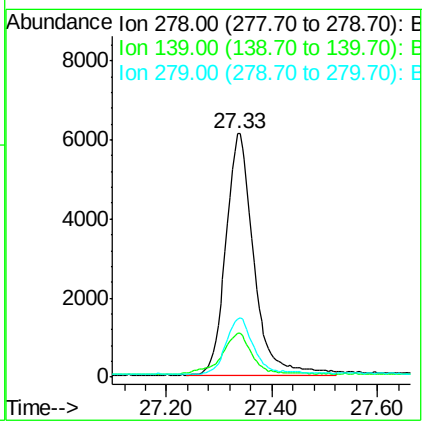


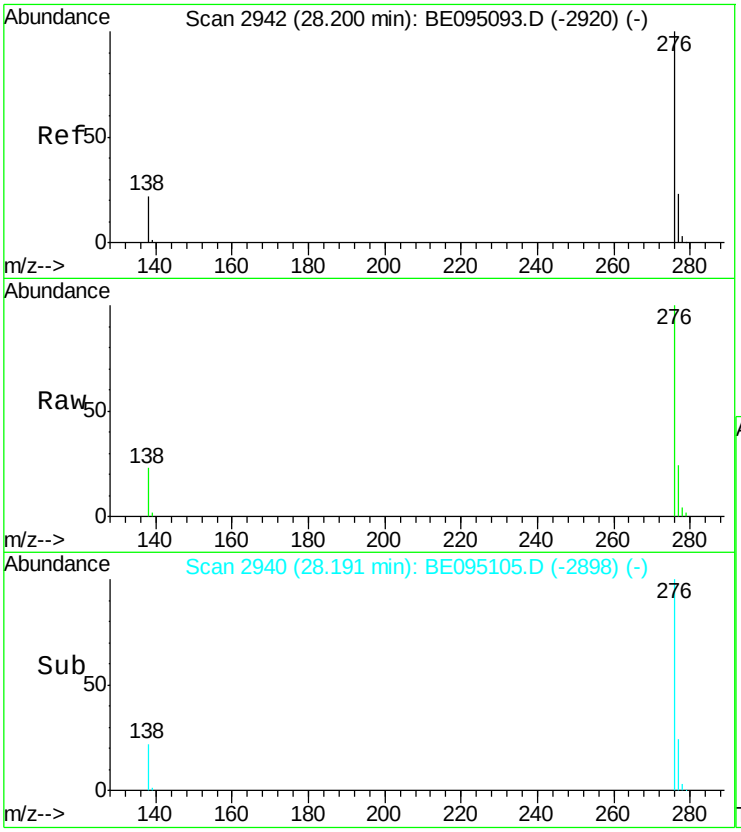


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 27.33 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Tgt Ion:278 Resp: 22405

Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.0	24.0
279	23.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 28.19 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BE095105.D
Acq: 23 Jan 2018 19:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 22903

Ion	Ratio	Lower	Upper
276	100		
277	24.4	16.0	24.0#
138	23.2	20.0	30.0