Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
Data File : BE095688.D
Acq On : 26 Feb 2018 14:42
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 26 17:49:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1324	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	5396	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	3200	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7427	0.40	ng		0.01
27) Chrysene-d12	21.79	240	8042	0.40	ng		0.00
34) Perylene-d12	24.42	264	7373	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1469	0.42	ng		0.00
5) Phenol-d6	7.56	99	2031	0.42	ng		0.00
8) Nitrobenzene-d5	9.61	82	2122	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	3630	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	419	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	5494	0.38	ng		0.00
25) Fluoranthene-d10	19.69	212	37341	0.38	ng		0.00
29) Terphenyl-d14	20.25	244	6260	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	832	0.399	ng		93
3) n-Nitrosodimethylamine	3.99	42	1110	0.429	ng		80
6) bis(2-Chloroethyl)ether	7.82	93	2131	0.429	ng		95
9) Naphthalene	11.31	128	24916	0.401	ng		99
10) Hexachlorobutadiene	11.57	225	1503	0.414	ng		98
12) 2-Methylnaphthalene	12.88	142	4280	0.399	ng		98
16) Acenaphthylene	14.74	152	6956	0.387	ng		100
17) Acenaphthene	15.06	154	4305	0.381	ng		94
18) Fluorene	16.02	166	5453	0.390	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	1719	0.369	ng	#	77
21) Hexachlorobenzene	17.03	284	1768	0.366	ng	#	81
22) Pentachlorophenol	17.36	266	403	0.406	ng	#	77
23) Phenanthrene	17.74	178	8820	0.380	ng		99
24) Anthracene	17.83	178	7947	0.373	ng		95
26) Fluoranthene	19.72	202	11098	0.389	ng	#	97
28) Pyrene	20.06	202	10833	0.329	ng	#	90
30) Benzo(a)anthracene	21.78	228	10229	0.390	ng		97
31) Chrysene	21.84	228	10017	0.384	ng		99
32) Bis(2-ethylhexyl)phthalate	21.65	149	18681	0.403	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	9886	0.391	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	9775	0.372	ng	#	90
36) Benzo(k)fluoranthene	23.66	252	9839	0.377	ng		96
37) Benzo(a)pyrene	24.30	252	9212	0.389	ng		93
38) Dibenzo(a,h)anthracene	27.25	278	7977	0.379	ng		97
39) Benzo(g,h,i)perylene	28.10	276	8472	0.375	ng	#	92

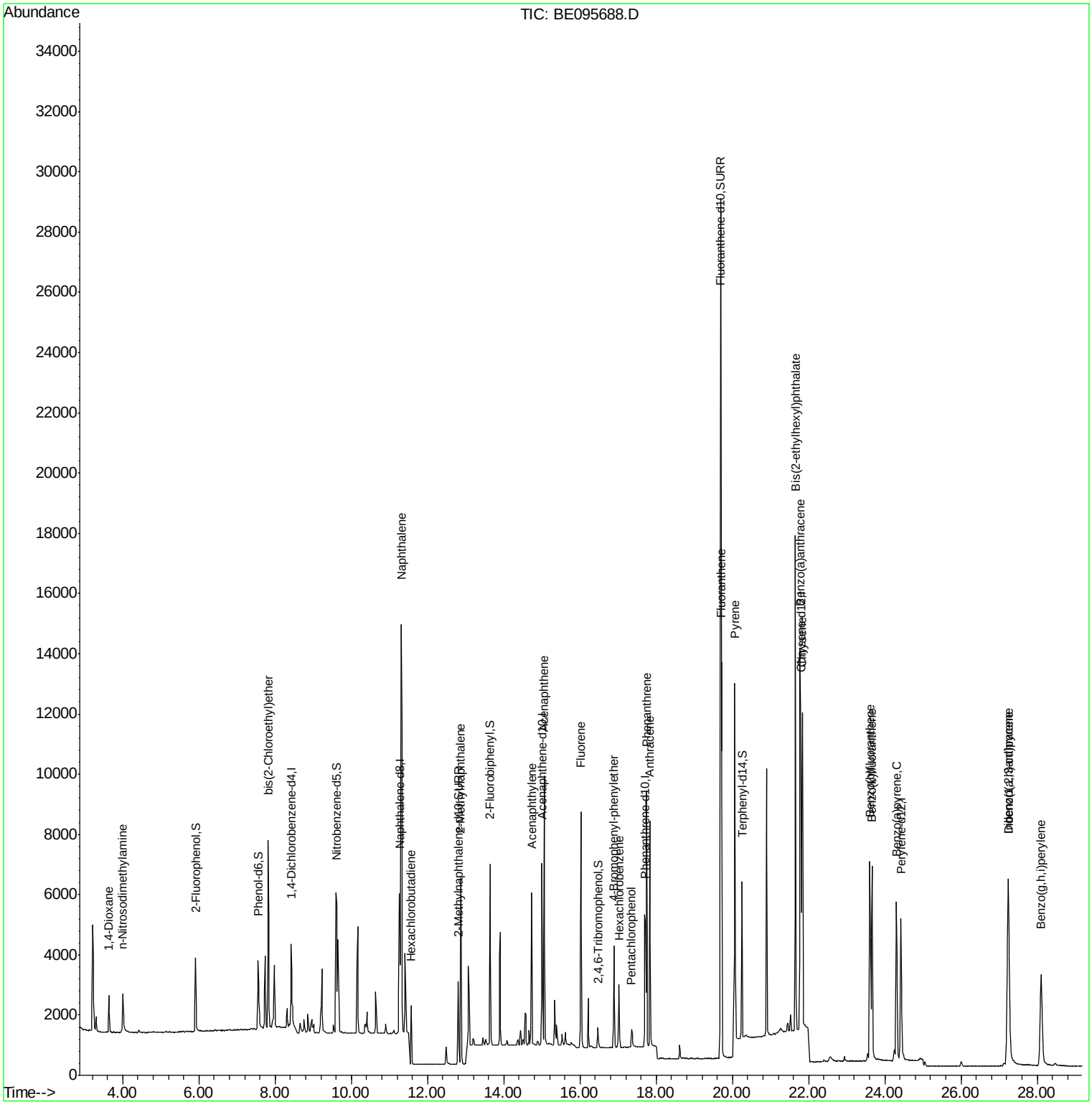
(#) = qualifier out of range (m) = manual integration (+) = signals summed

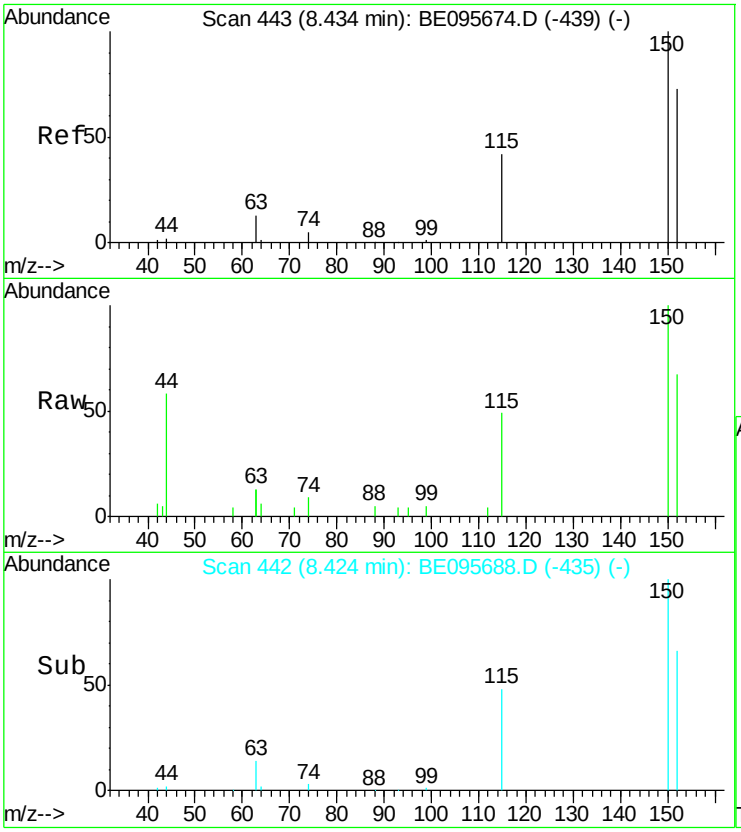
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
Data File : BE095688.D
Acq On : 26 Feb 2018 14:42
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 26 17:49:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration



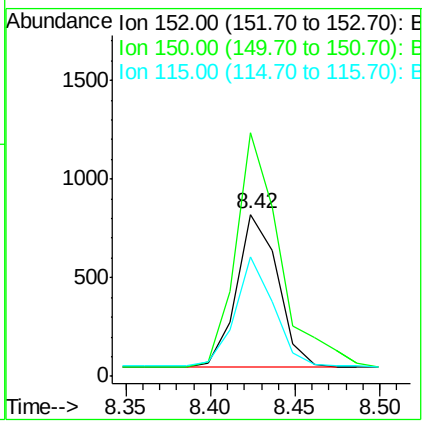


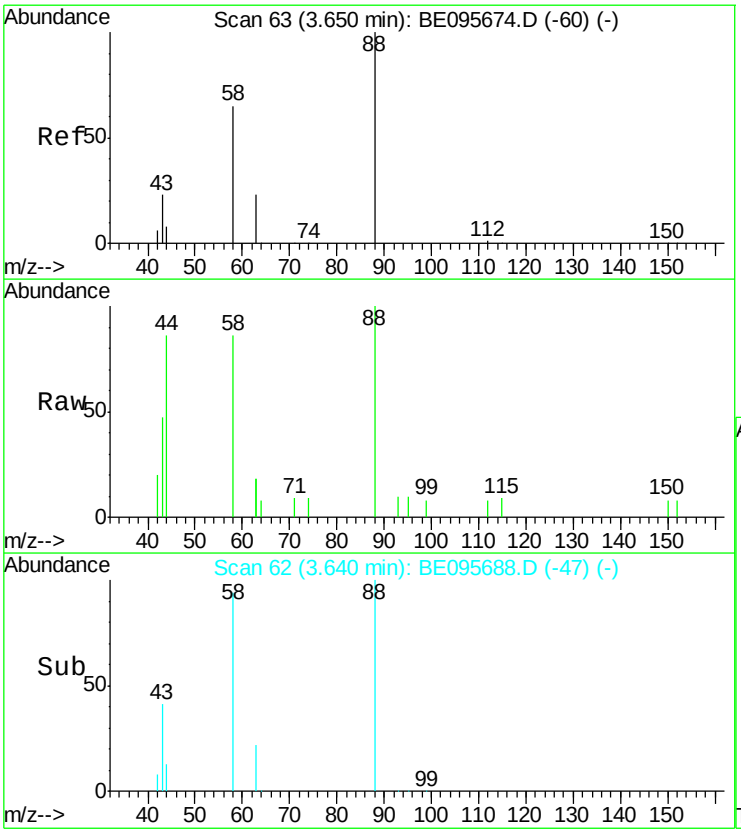
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1324

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	73.8	57.0	85.6

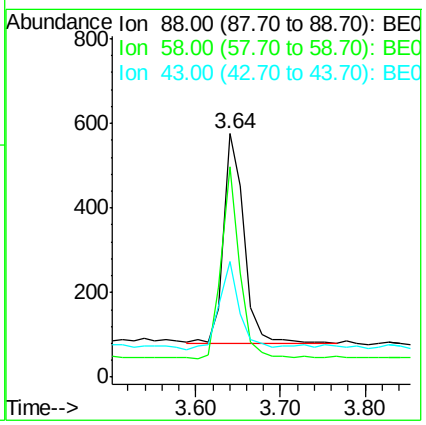


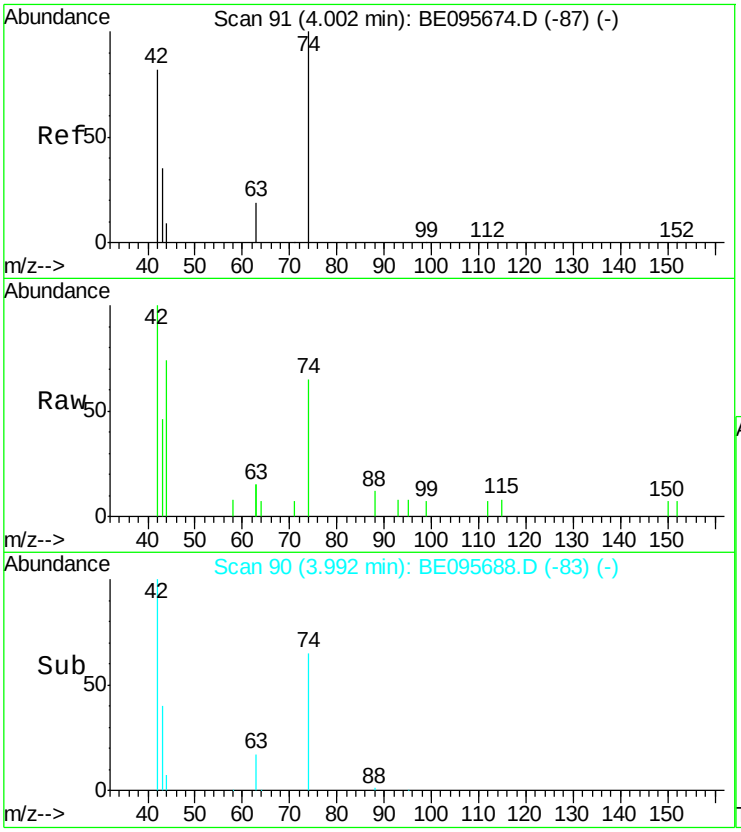


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.64 min Scan# 62
Delta R.T. -0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion: 88 Resp: 832

Ion	Ratio	Lower	Upper
88	100		
58	81.7	63.2	94.8
43	42.7	41.2	61.8



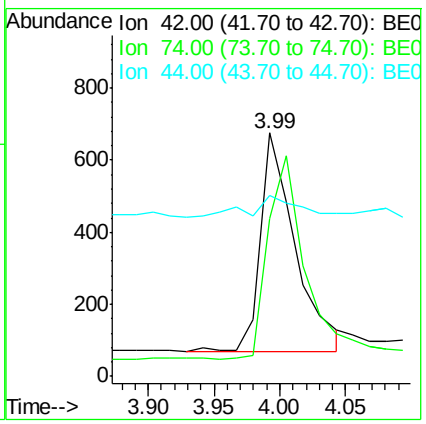


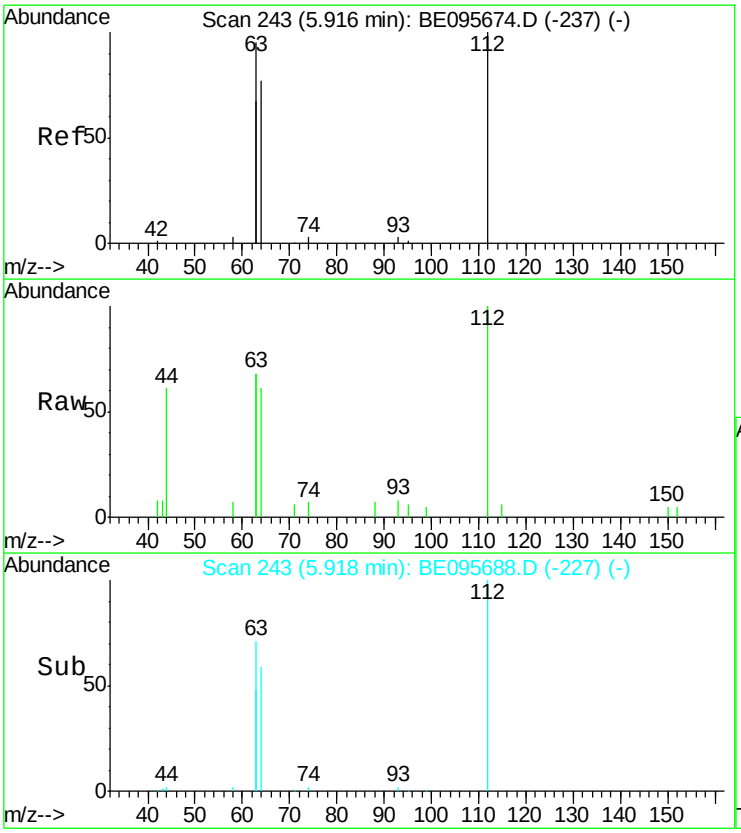
#3
n-Nitrosodimethylamine
Concen: 0.429 ng
RT: 3.99 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1110

Ion	Ratio	Lower	Upper
42	100		
74	96.4	96.0	144.0
44	12.4	12.0	18.0

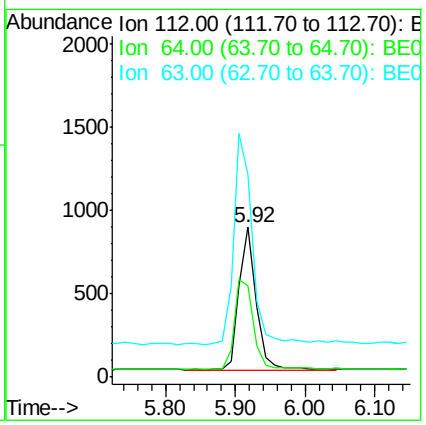


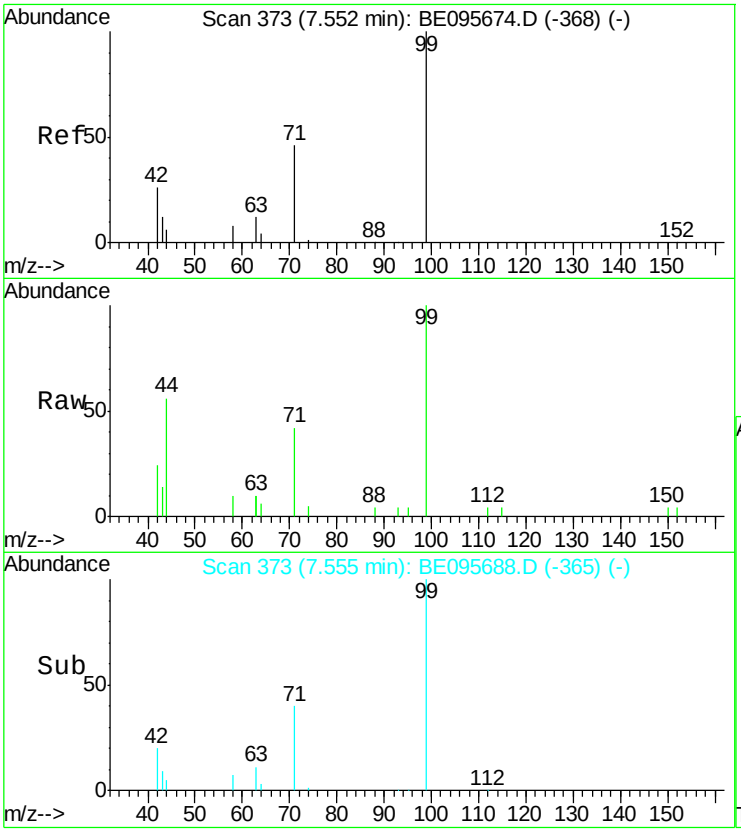


#4
2-Fluorophenol
Concen: 0.420 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:112 Resp: 1469

Ion	Ratio	Lower	Upper
112	100		
64	71.4	60.1	90.1
63	160.1	116.8	175.2



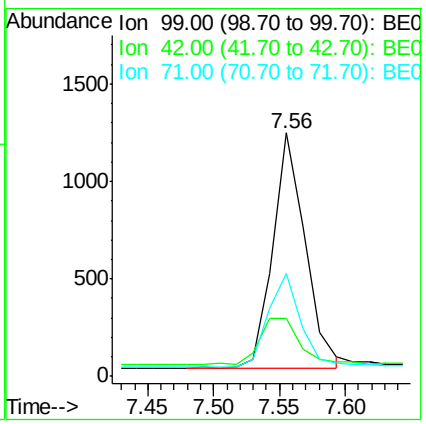


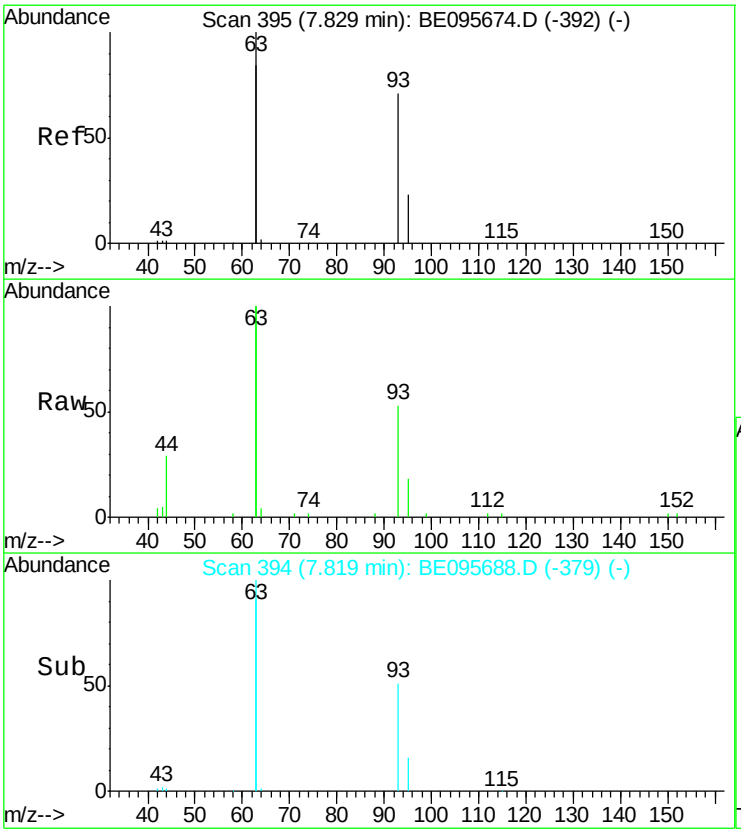
#5
Phenol-d6
Concen: 0.420 ng
RT: 7.56 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2031

Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.2	30.2
71	40.6	28.4	42.6

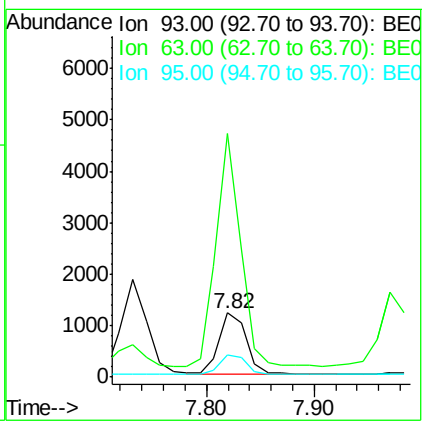


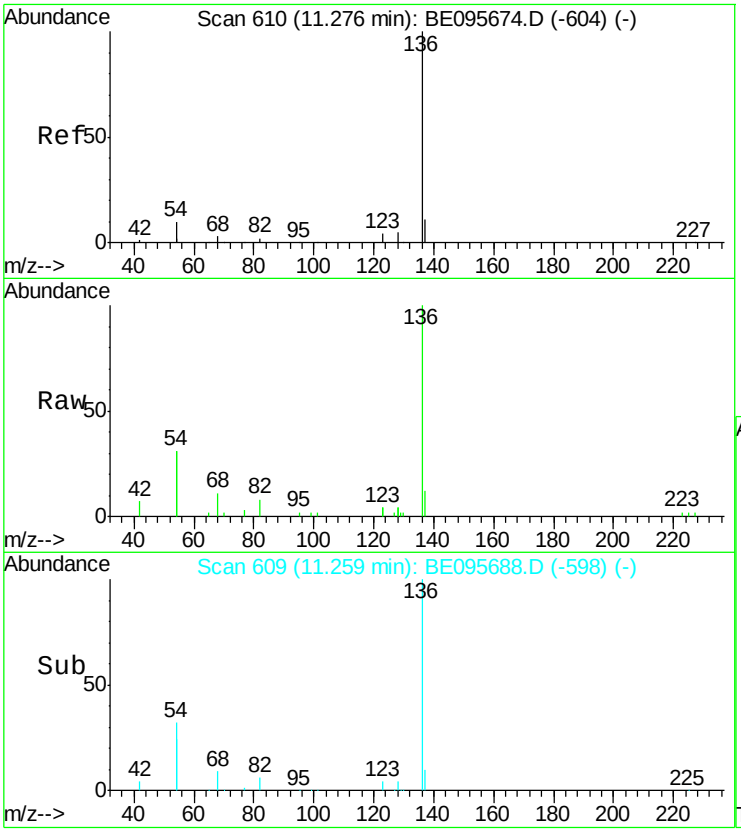


#6
bis(2-Chloroethyl)ether
Concen: 0.429 ng
RT: 7.82 min Scan# 394
Delta R.T. -0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion: 93 Resp: 2131

Ion	Ratio	Lower	Upper
93	100		
63	332.8	275.3	412.9
95	32.1	25.2	37.8



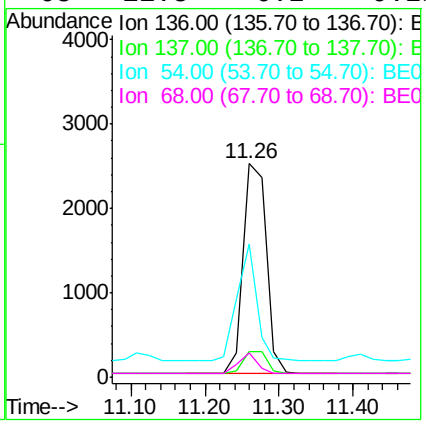


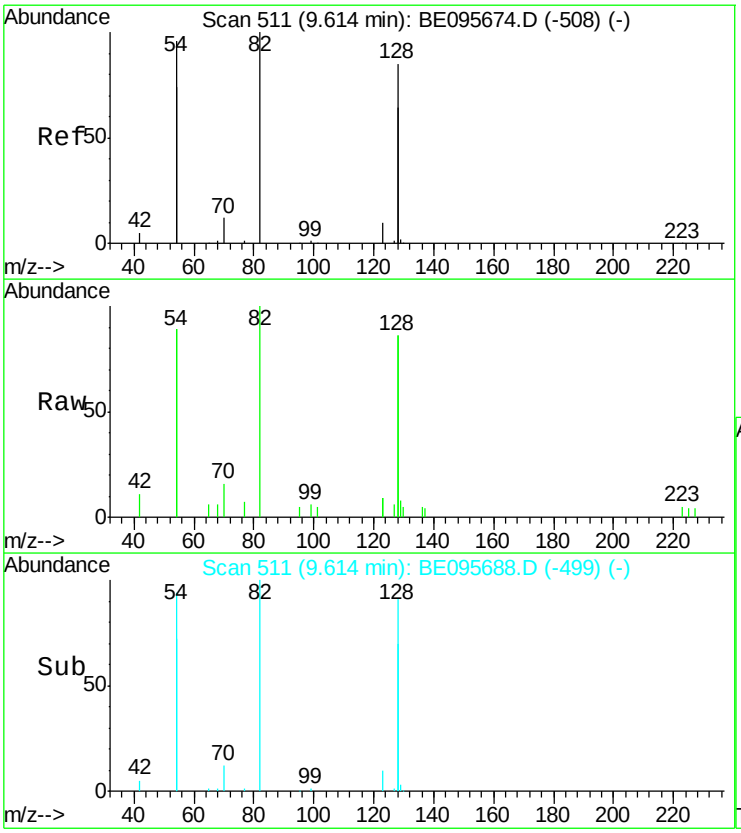
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5396

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	62.3	29.1	43.7#
68	11.3	6.2	9.2#

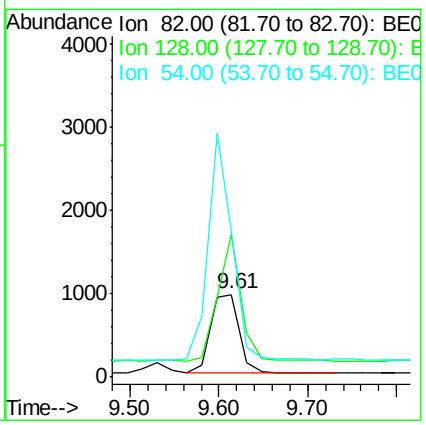


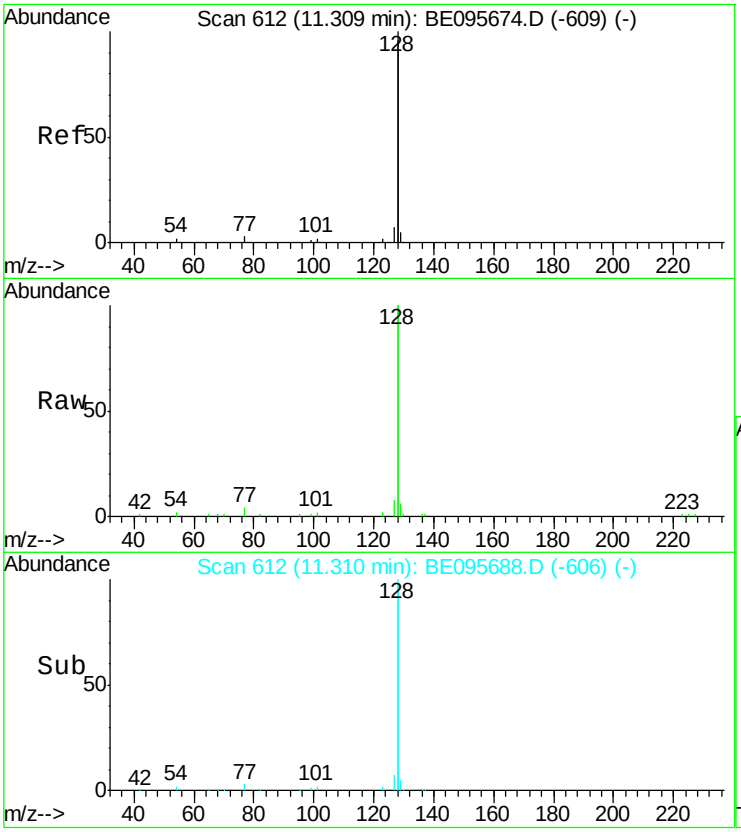


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.61 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion: 82 Resp: 2122

Ion	Ratio	Lower	Upper
82	100		
128	172.2	150.0	225.0
54	177.8	154.2	231.4



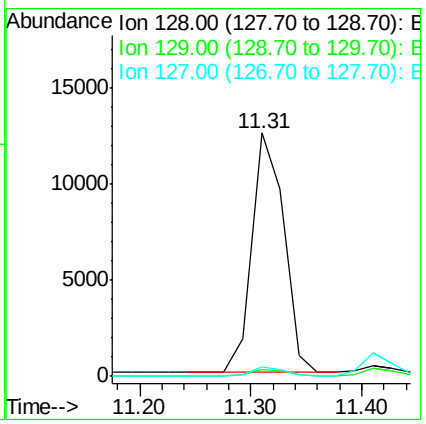


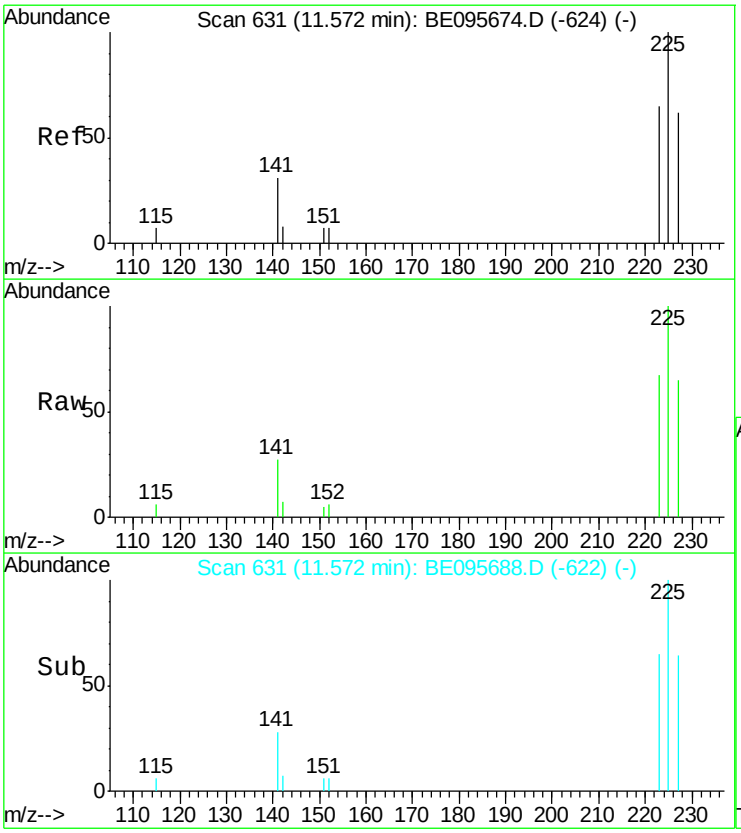
#9
Naphthalene
Concen: 0.401 ng
RT: 11.31 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 24916

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.8	2.8	4.2

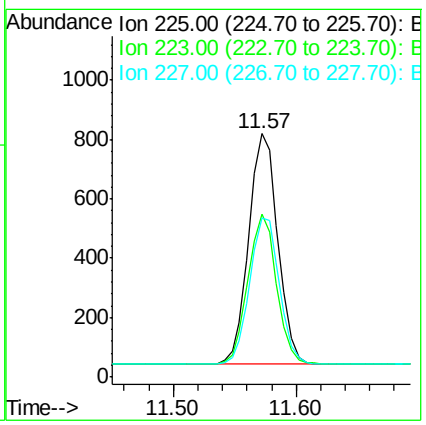


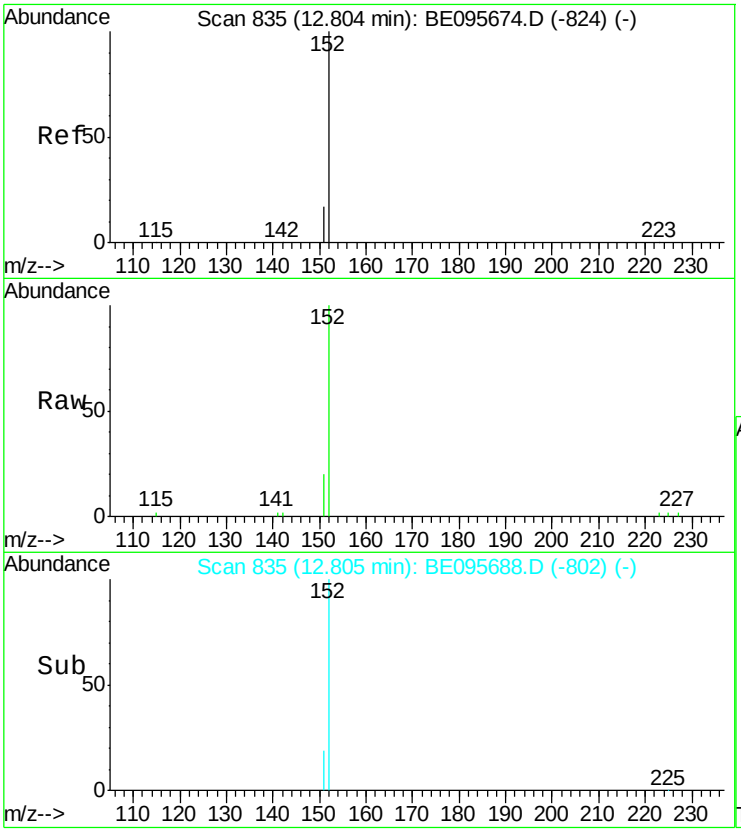


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 11.57 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:225 Resp: 1503

Ion	Ratio	Lower	Upper
225	100		
223	64.0	53.0	79.6
227	65.0	51.4	77.2



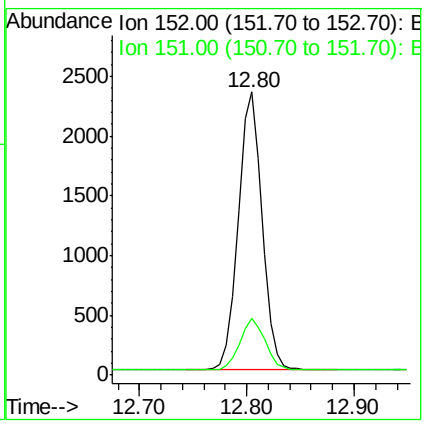


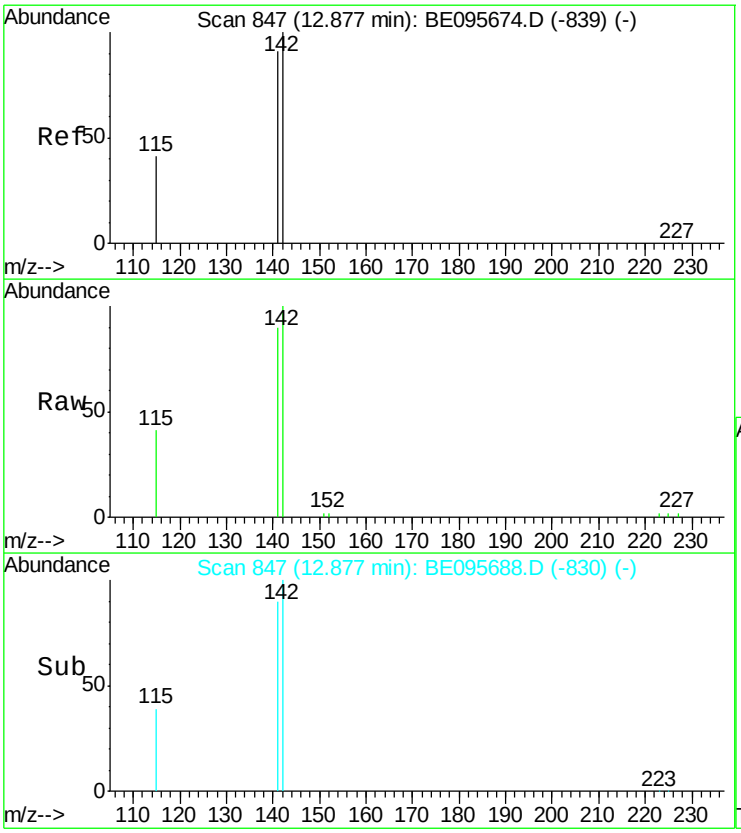
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3630

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

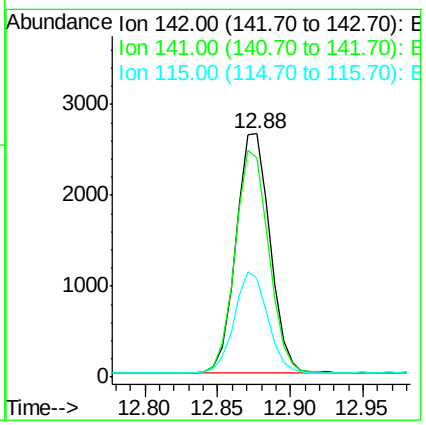


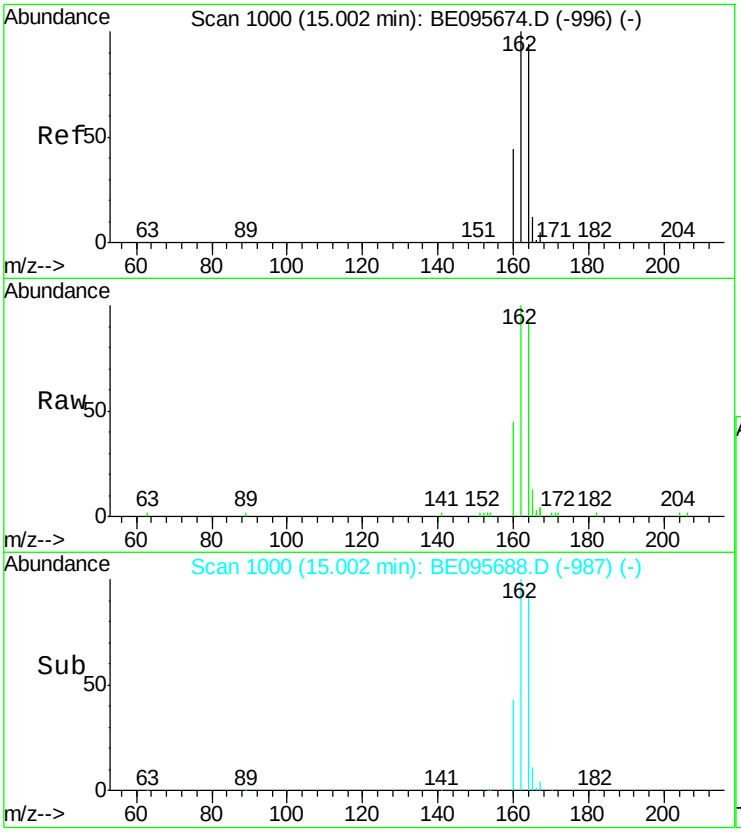


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:142 Resp: 4280

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	40.7	31.7	47.5



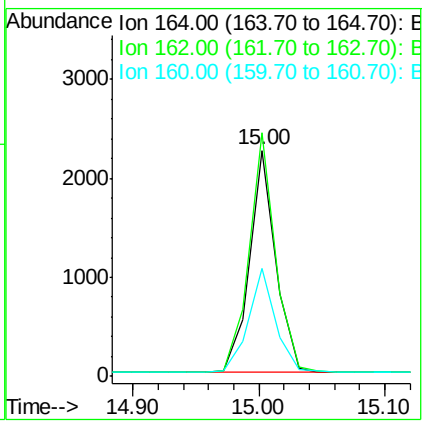


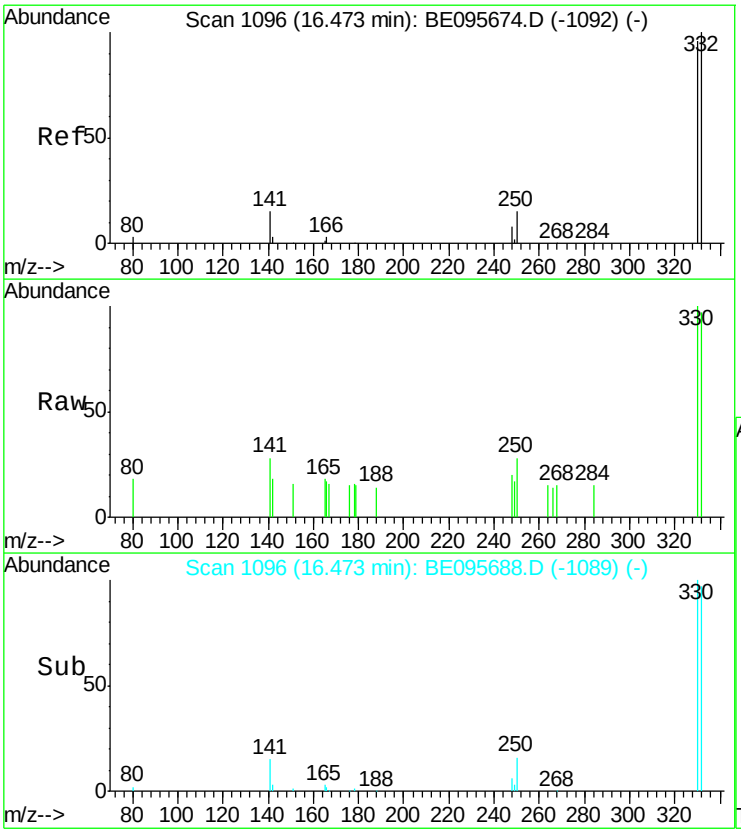
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3200

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.1	124.7
160	48.0	37.1	55.7

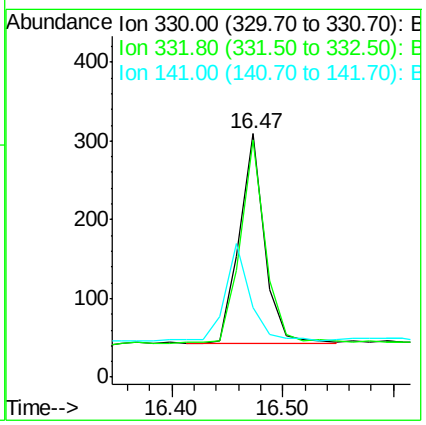


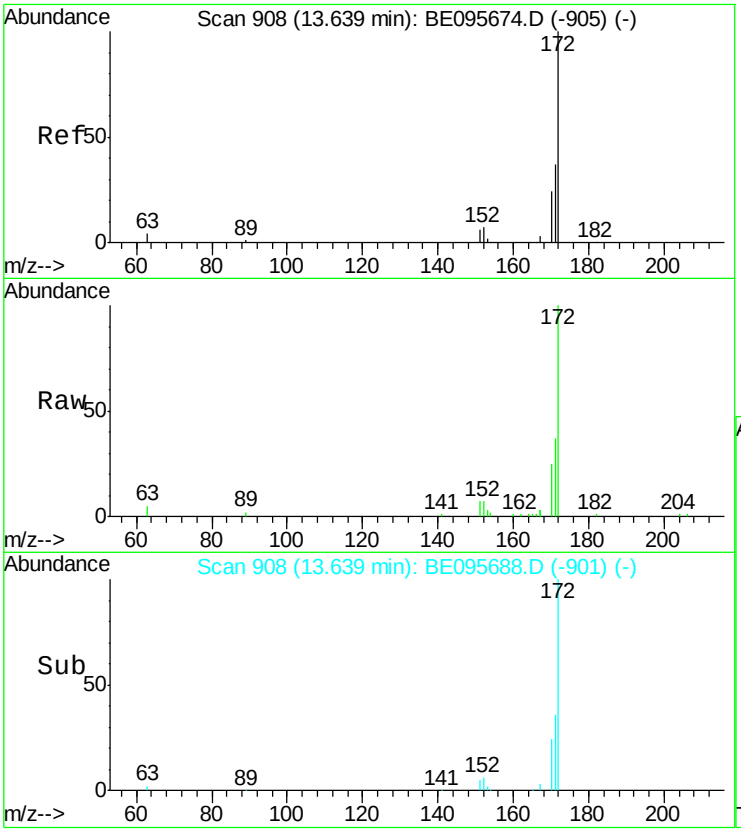


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:330 Resp: 419

Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	44.4	33.7	50.5



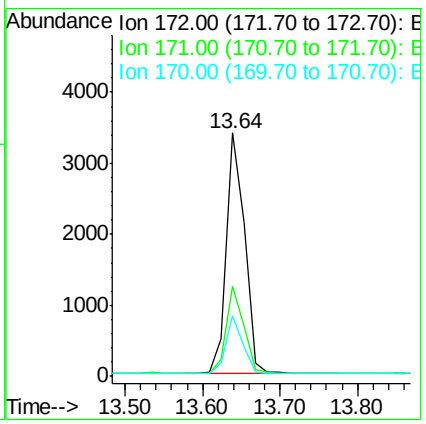


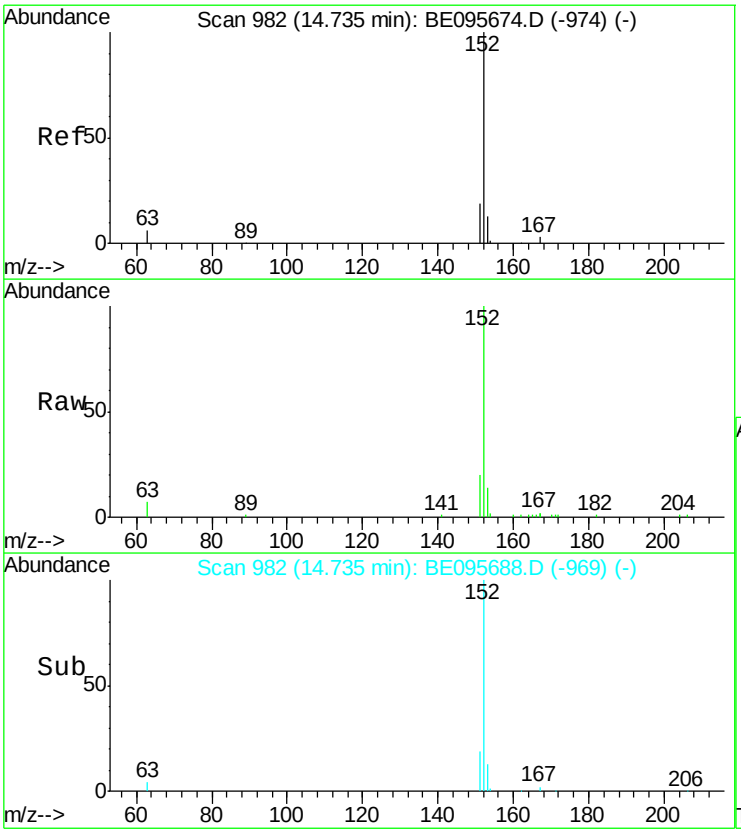
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5494

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	25.1	21.8	32.8

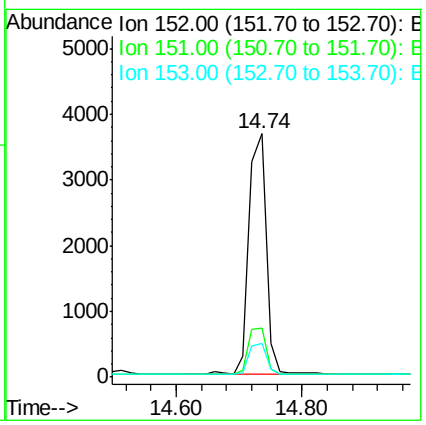


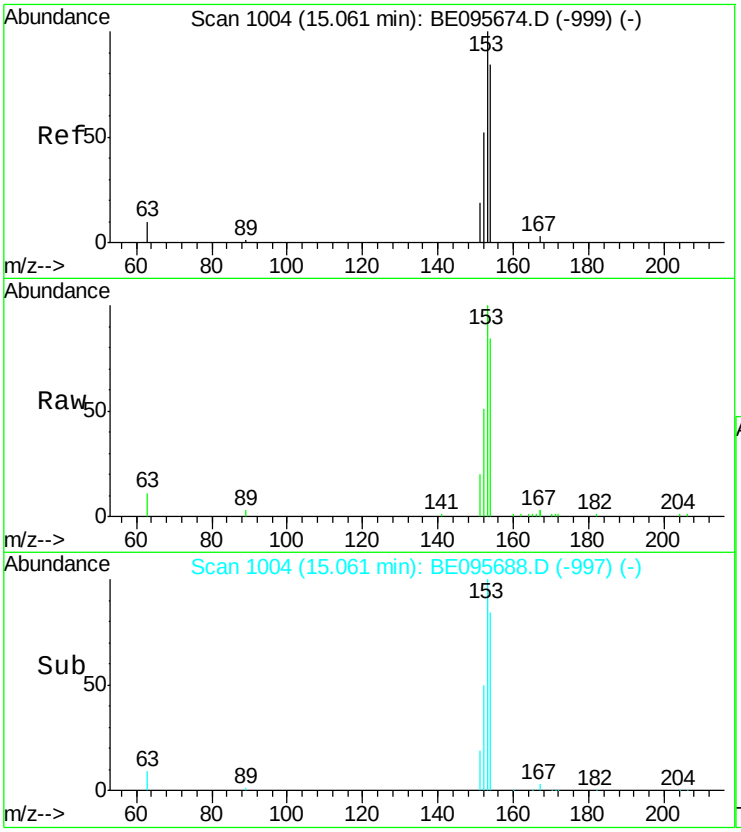


#16
Acenaphthylene
Concen: 0.387 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:152 Resp: 6956

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.3	10.5	15.7



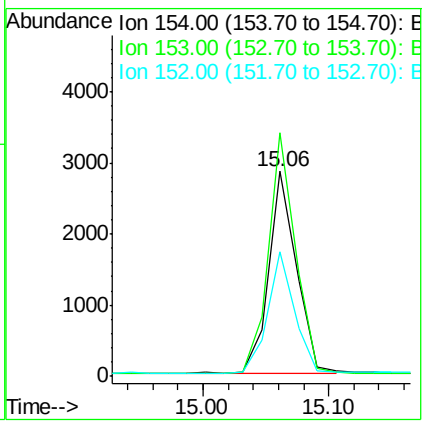


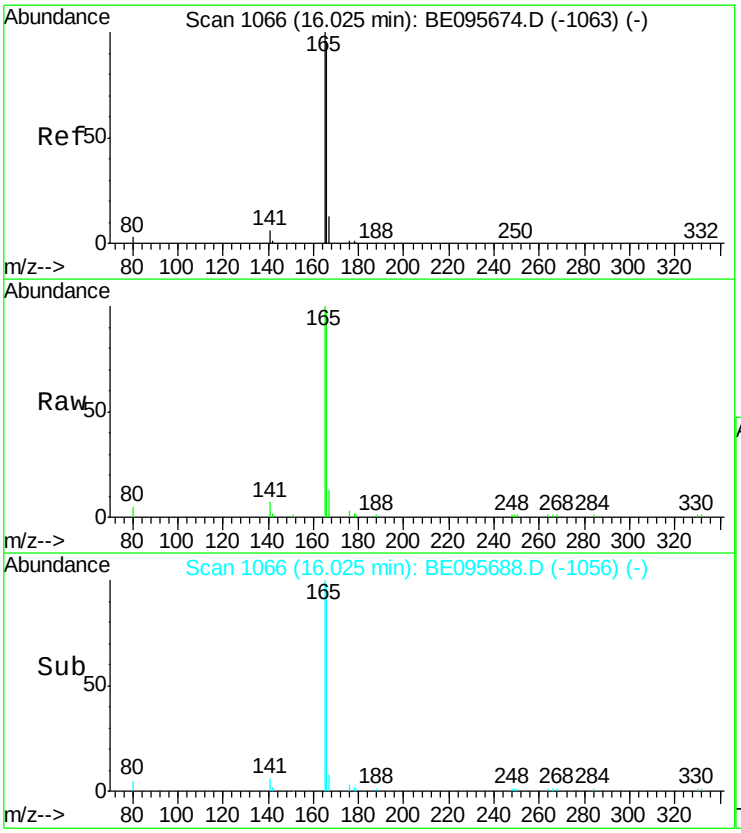
#17
Acenaphthene
Concen: 0.381 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4305

Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.2	133.8
152	58.5	42.0	63.0

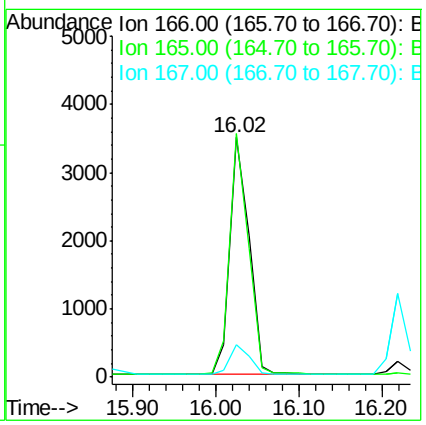


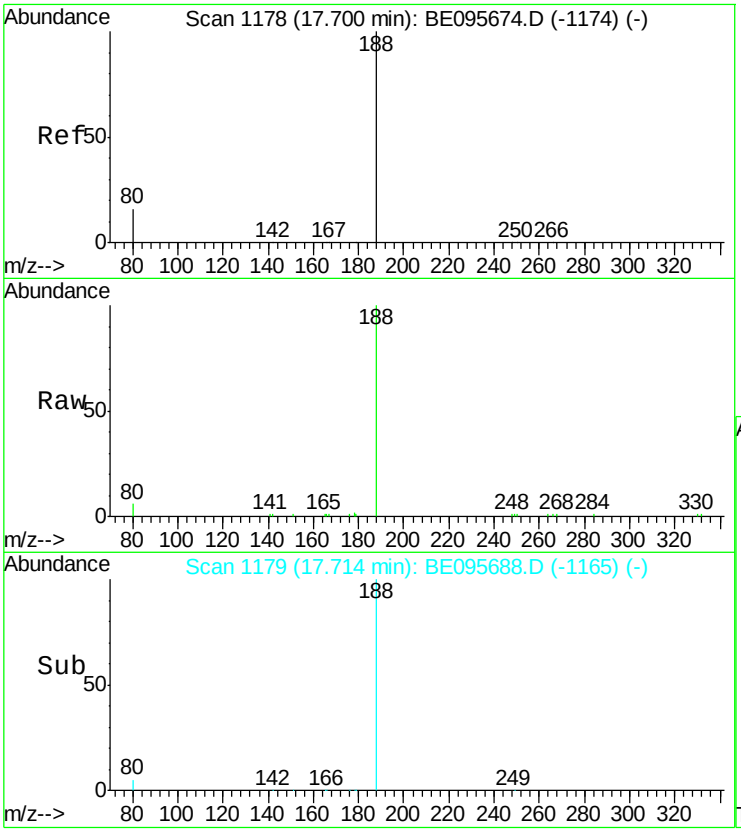


#18
Fluorene
Concen: 0.390 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:166 Resp: 5453

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	12.7	42.4	63.6#



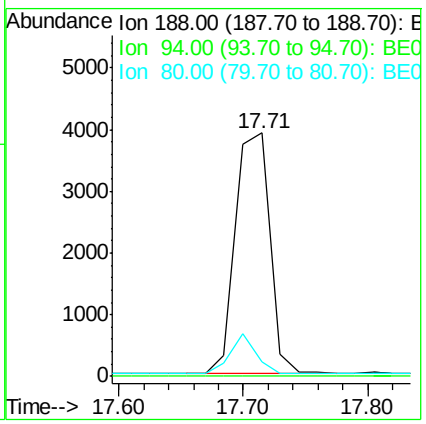


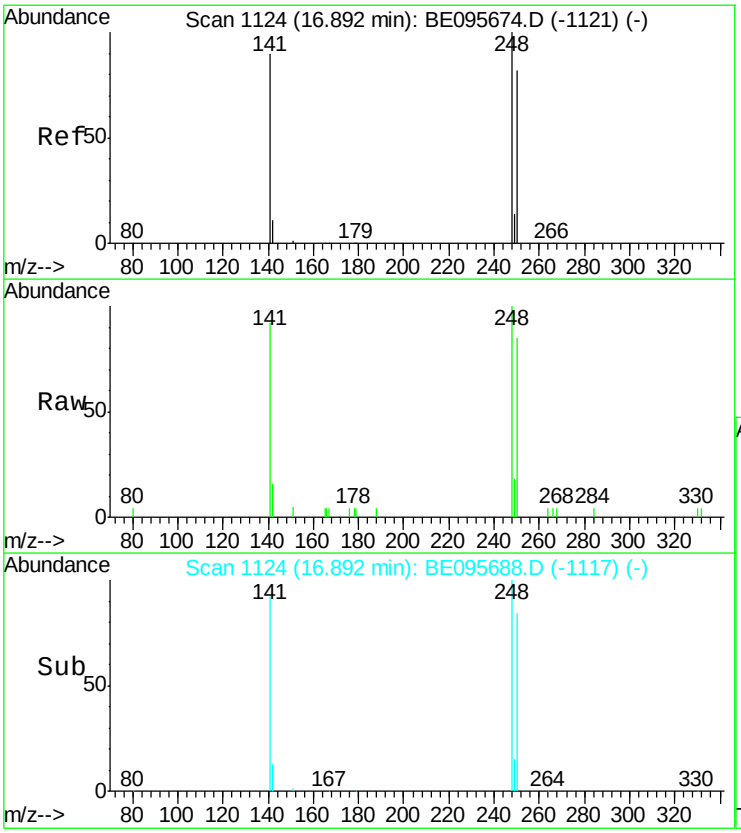
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7427

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	5.8	3.6	5.4#

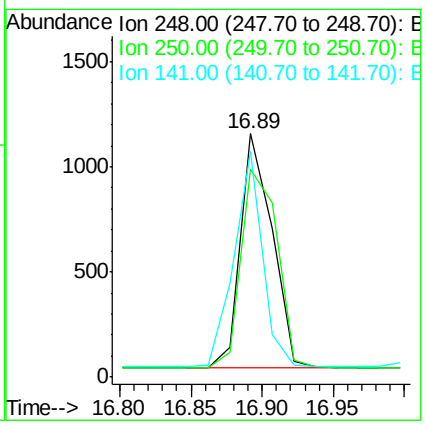


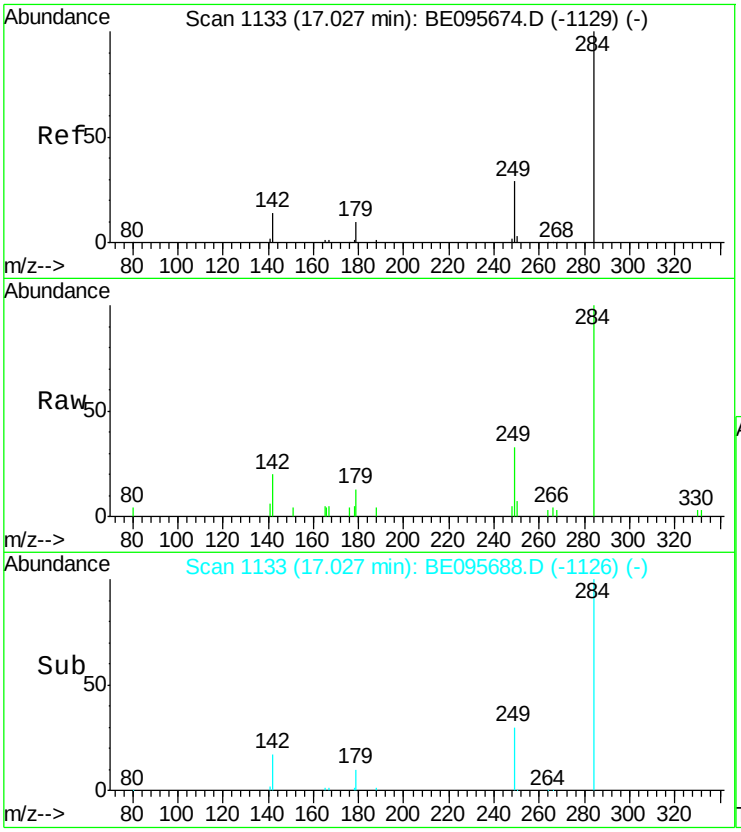


#20
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:248 Resp: 1719

Ion	Ratio	Lower	Upper
248	100		
250	85.1	62.7	94.1
141	92.5	48.2	72.2#



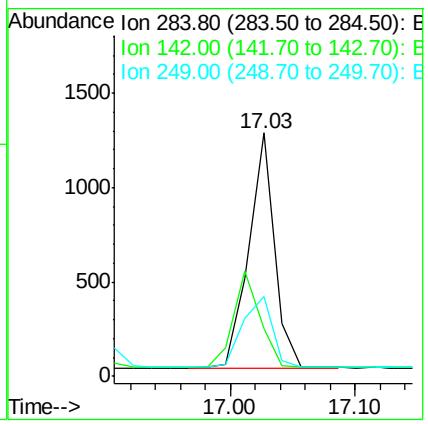


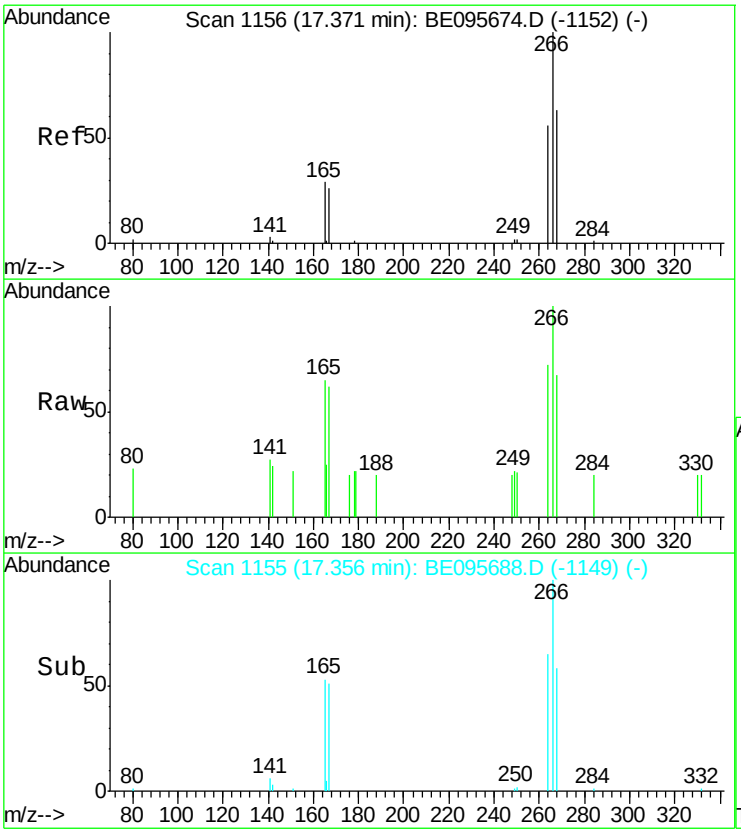
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 17.03 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1768

Ion	Ratio	Lower	Upper
284	100		
142	42.3	22.1	33.1#
249	35.5	34.8	52.2

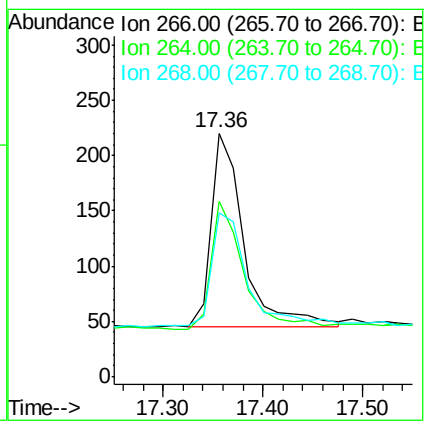


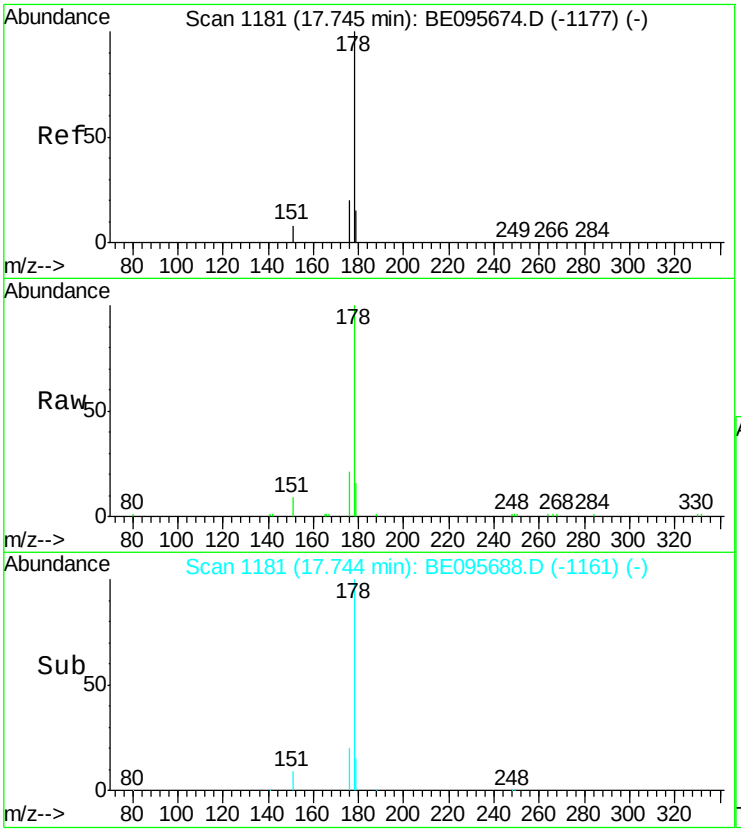


#22
Pentachlorophenol
Concen: 0.406 ng
RT: 17.36 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:266 Resp: 403

Ion	Ratio	Lower	Upper
266	100		
264	72.3	72.5	108.7#
268	67.3	73.8	110.6#



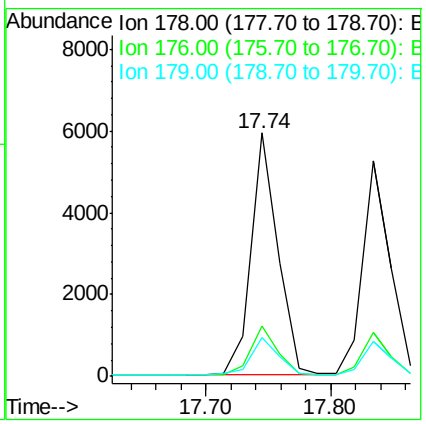


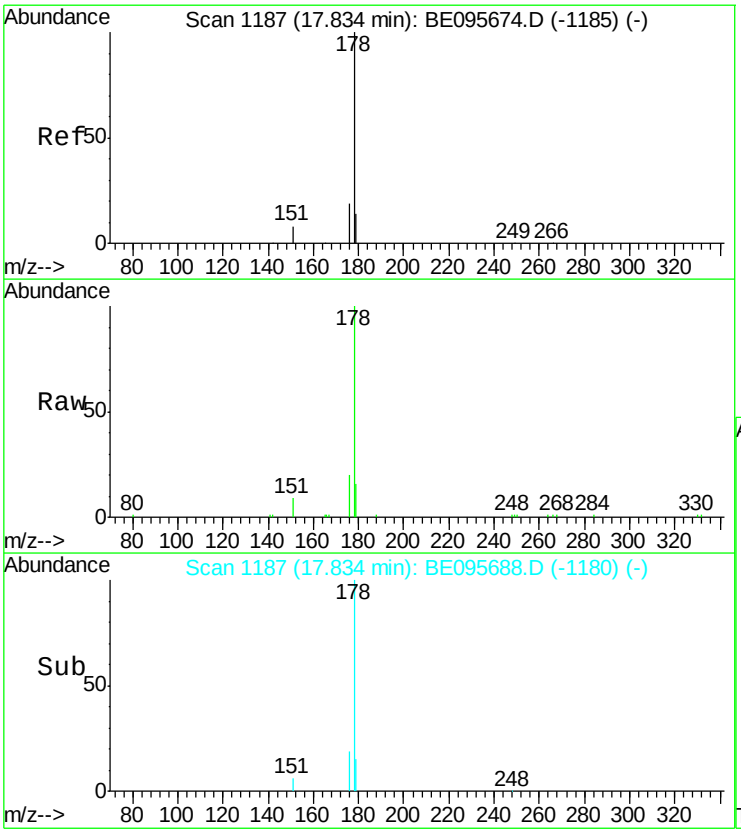
#23
Phenanthrene
Concen: 0.380 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8820

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.0	11.8	17.6

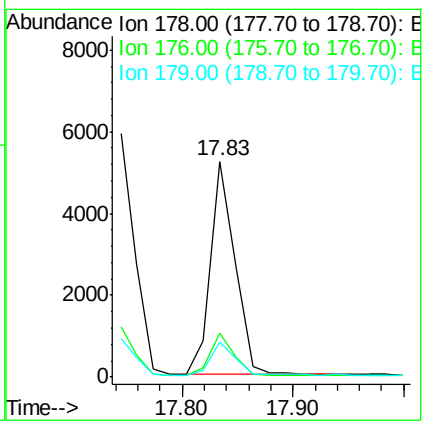


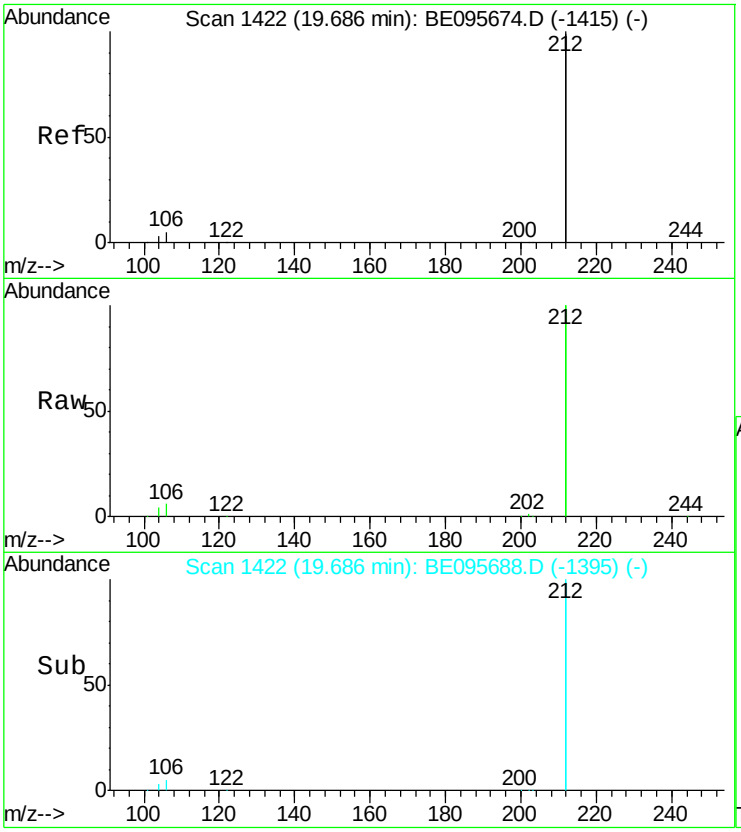


#24
Anthracene
Concen: 0.373 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:178 Resp: 7947

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.4	13.0	19.6



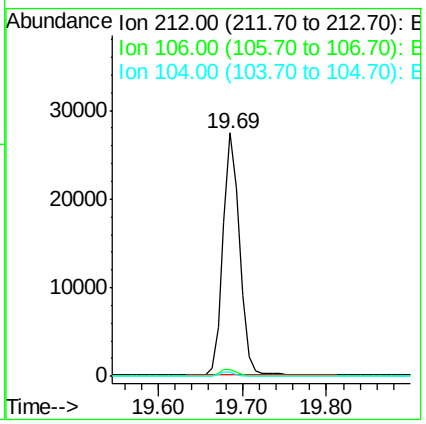


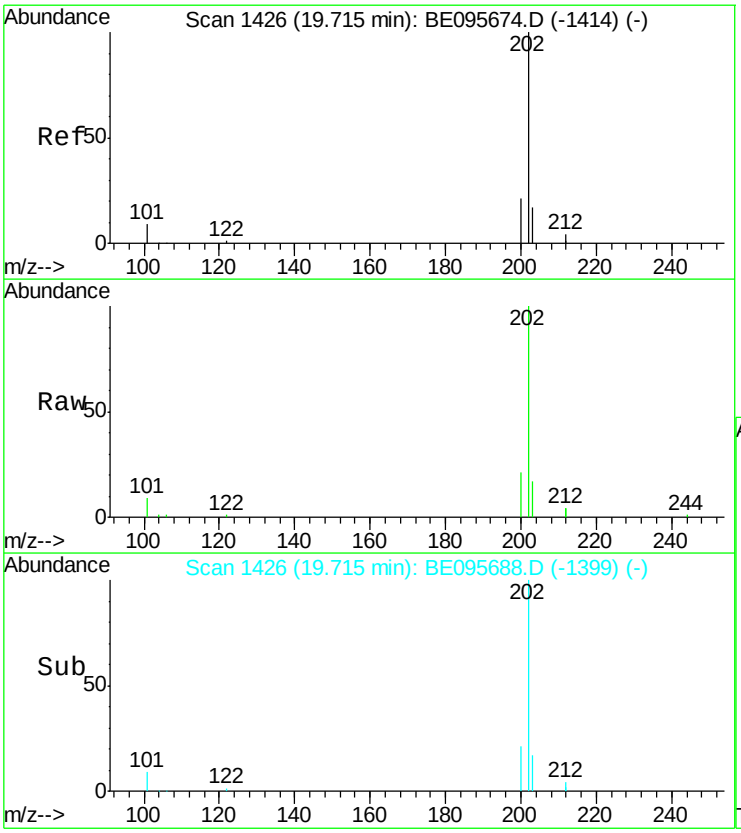
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.69 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 37341

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

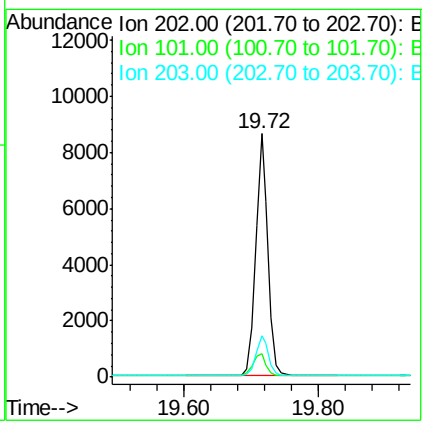


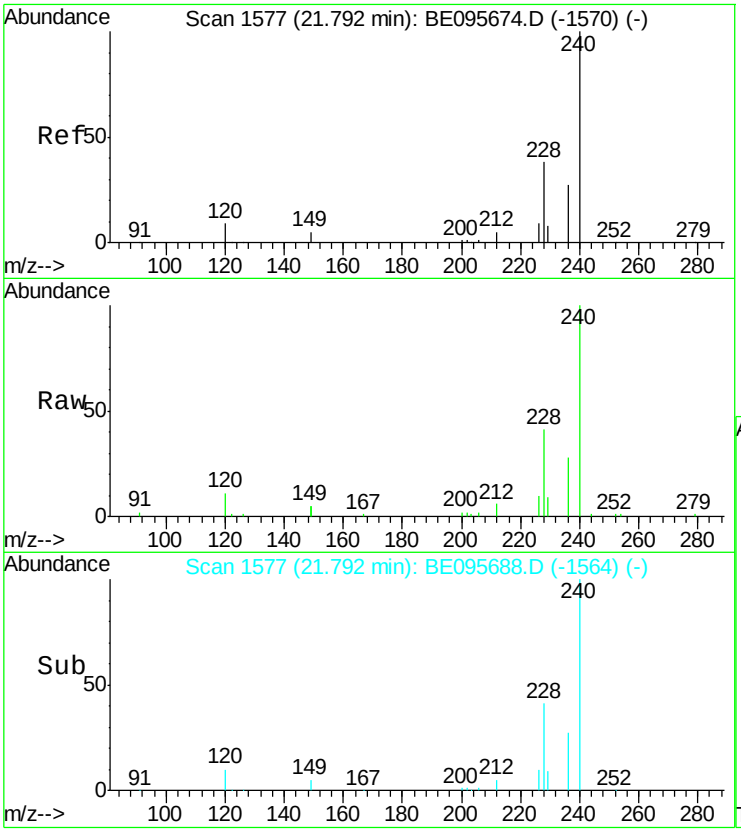


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:202 Resp: 11098

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.0	13.7	20.5



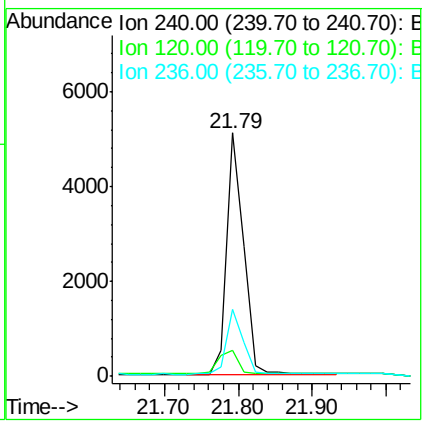


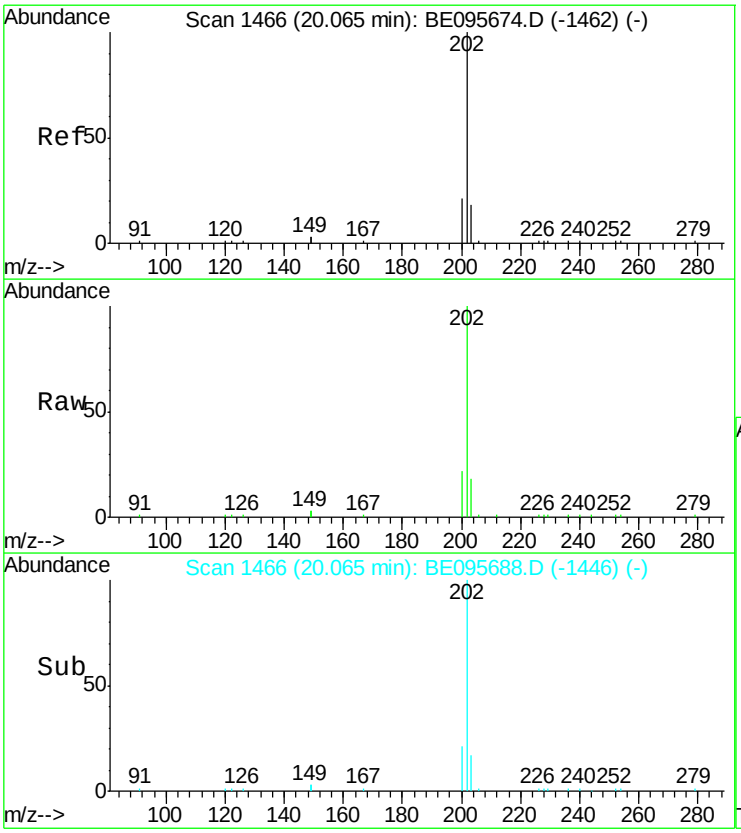
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8042

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.5	8.3#
236	27.7	20.7	31.1

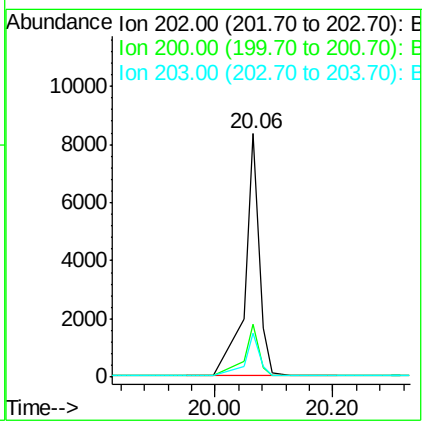


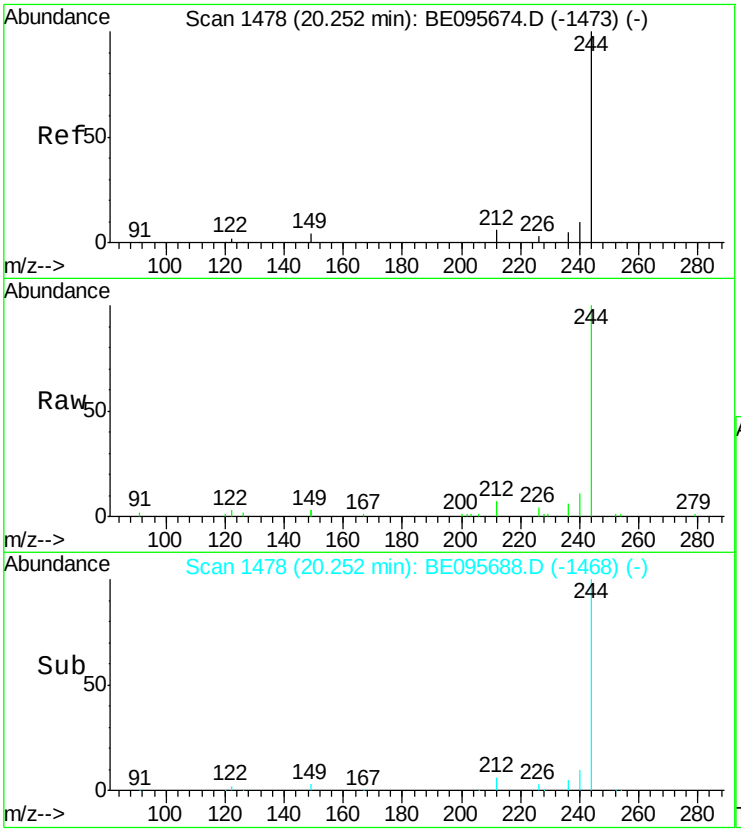


#28
Pyrene
Concen: 0.329 ng
RT: 20.06 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:202 Resp: 10833

Ion	Ratio	Lower	Upper
202	100		
200	26.7	16.6	25.0#
203	20.6	13.8	20.8



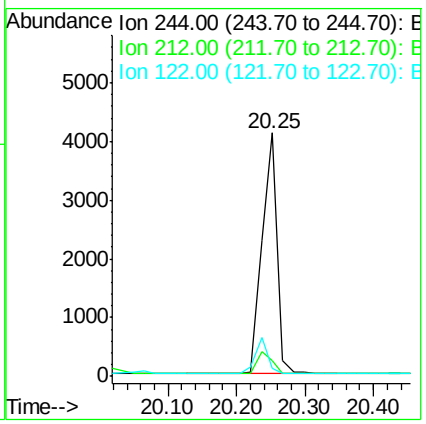


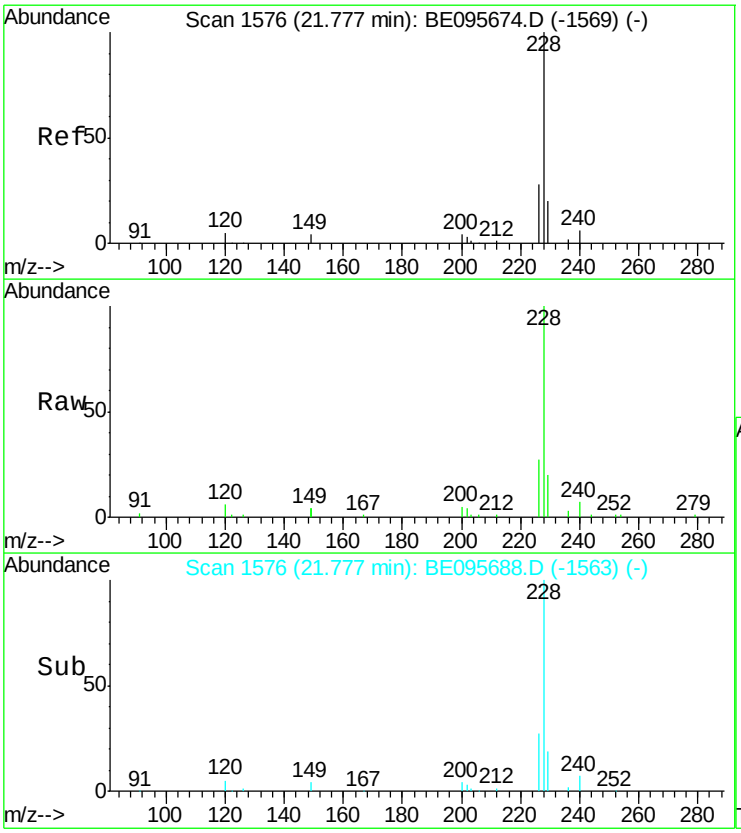
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 20.25 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6260

Ion	Ratio	Lower	Upper
244	100		
212	6.6	25.4	38.0#
122	3.1	8.1	12.1#

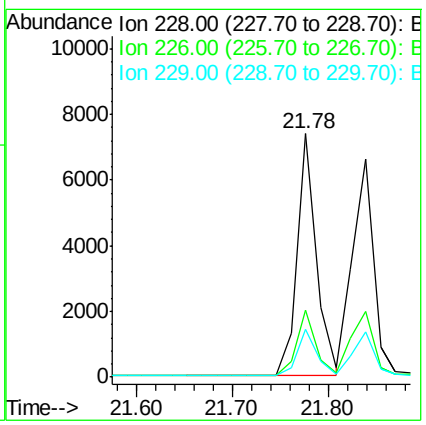


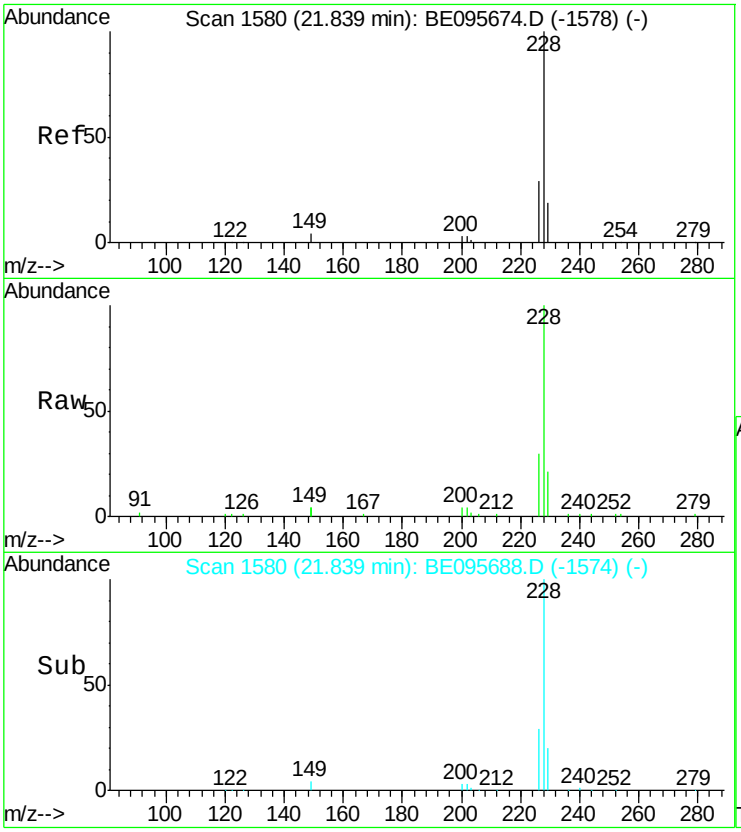


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.78 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:228 Resp: 10229

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	19.8	16.0	24.0



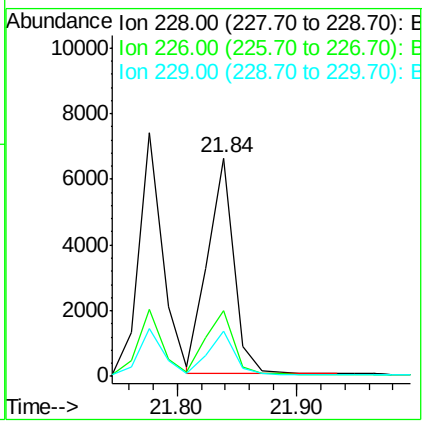


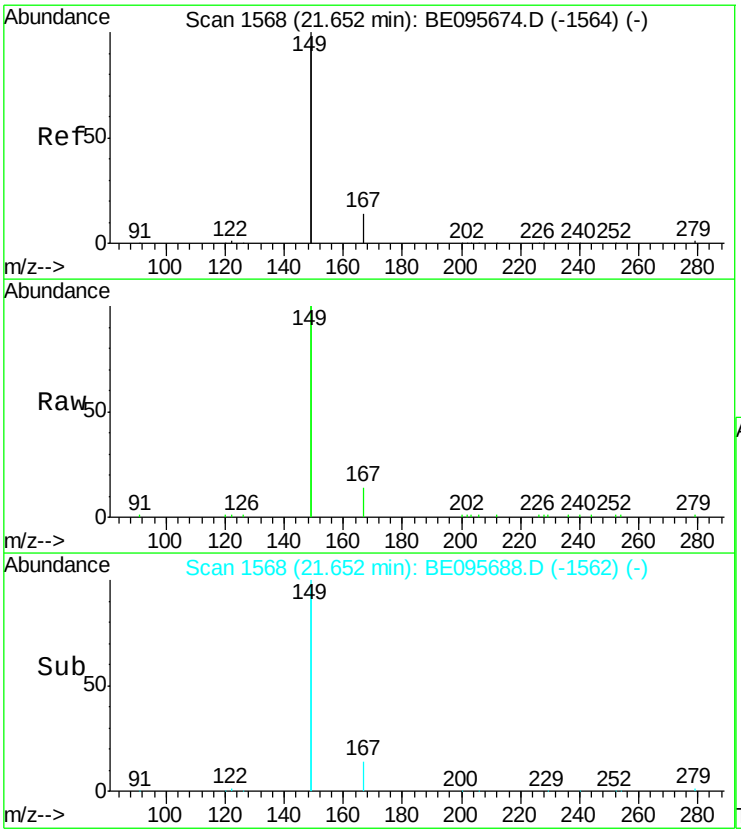
#31
Chrysene
Concen: 0.384 ng
RT: 21.84 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10017

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.6	16.0	24.0

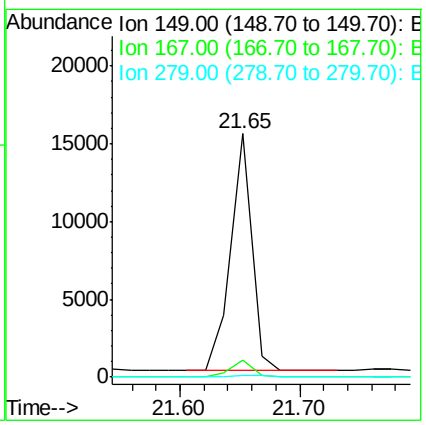


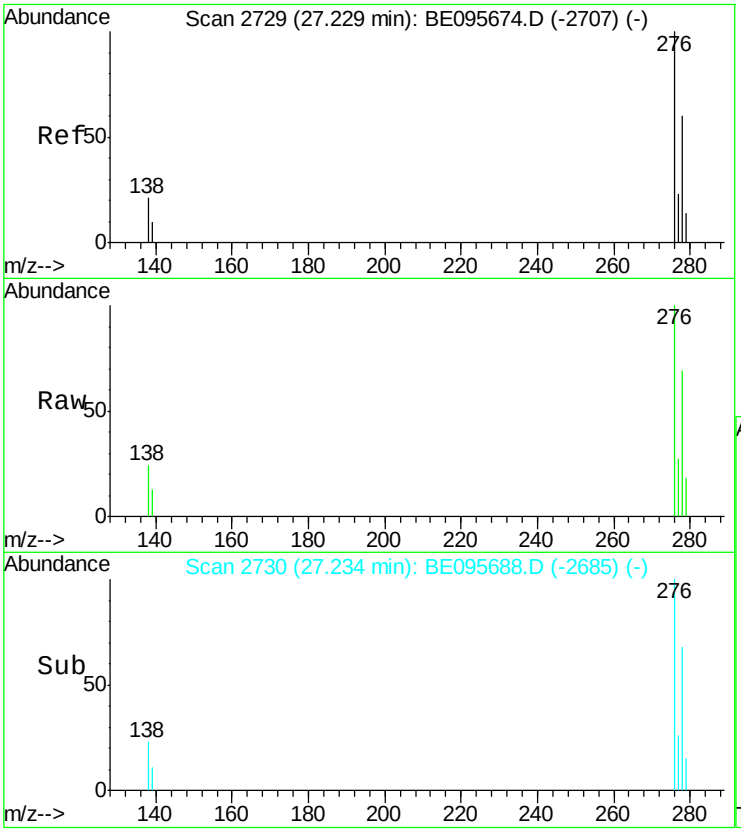


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.403 ng
RT: 21.65 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:149 Resp: 18681

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



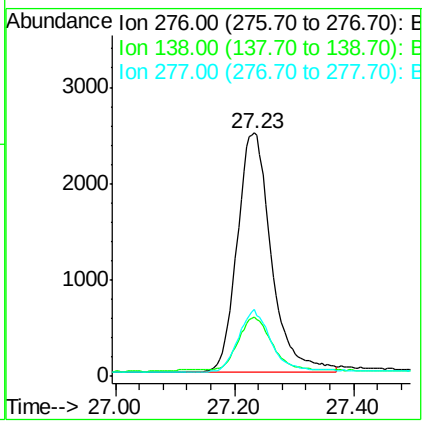


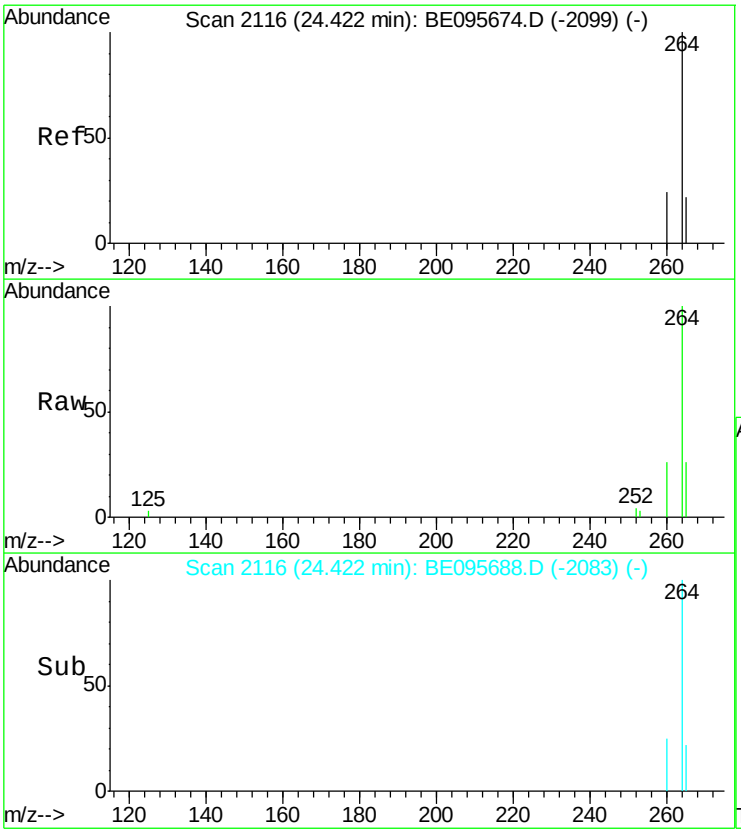
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 27.23 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9886

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.8	19.9	29.9

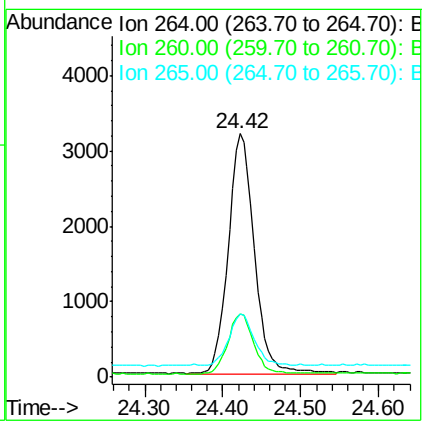


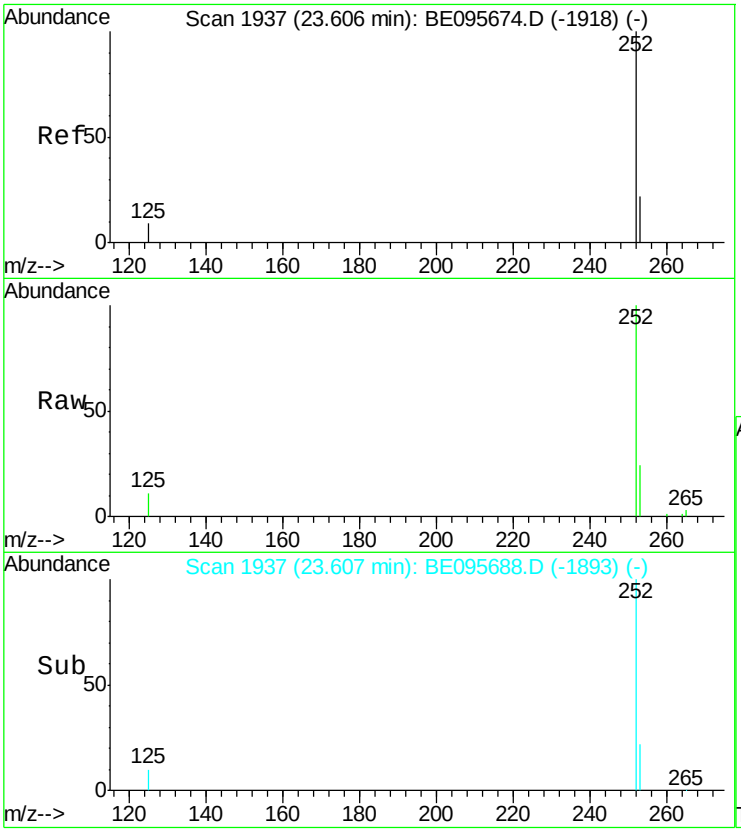


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:264 Resp: 7373

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	26.0	22.8	34.2



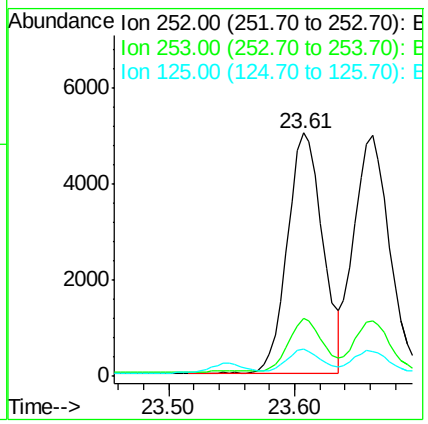


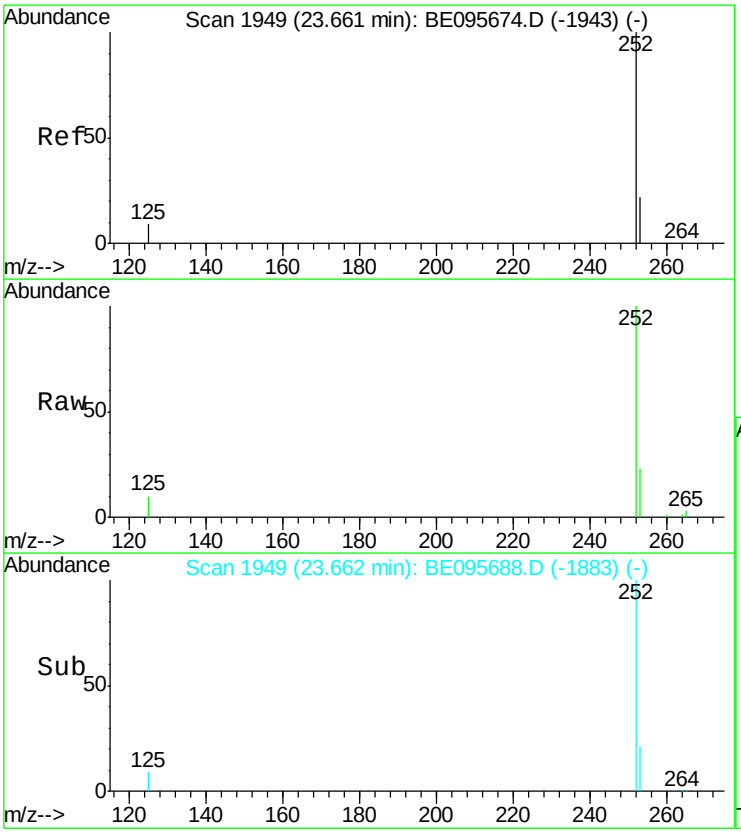
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.61 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9775

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	11.4	16.0	24.0#

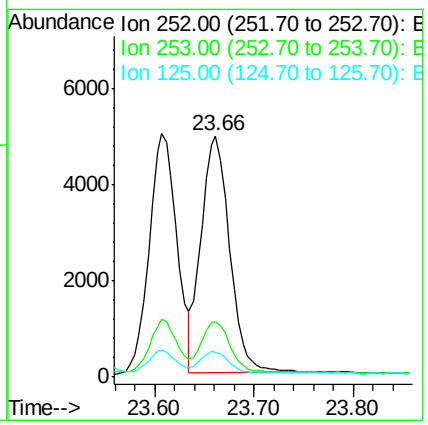


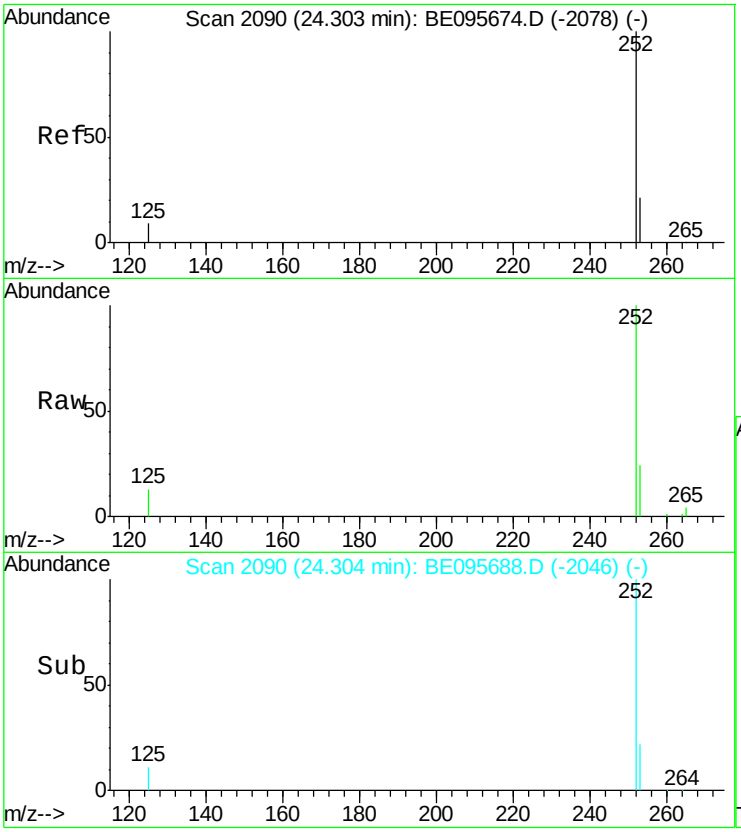


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.66 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:252 Resp: 9839

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.3	8.0	12.0



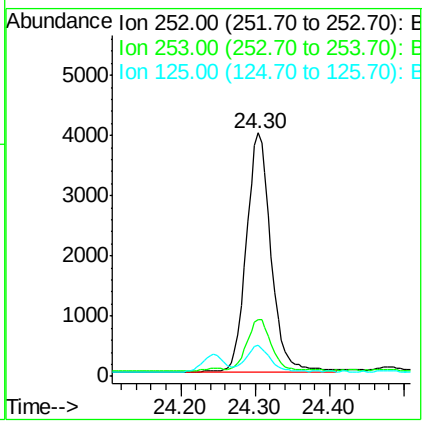


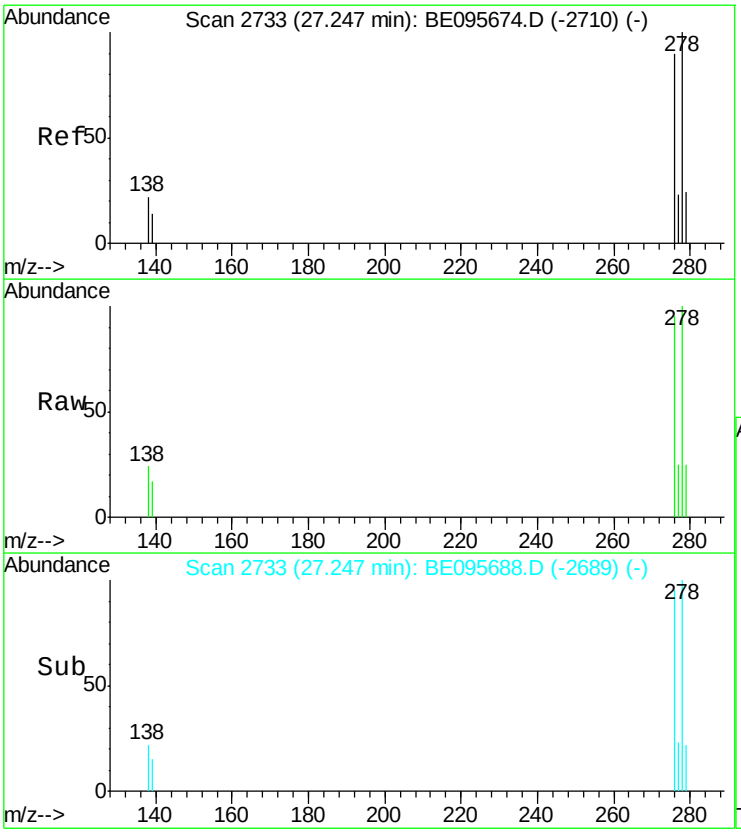
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 24.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9212

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	12.9	12.0	18.0

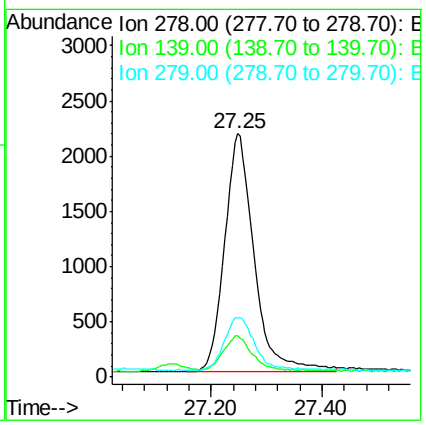


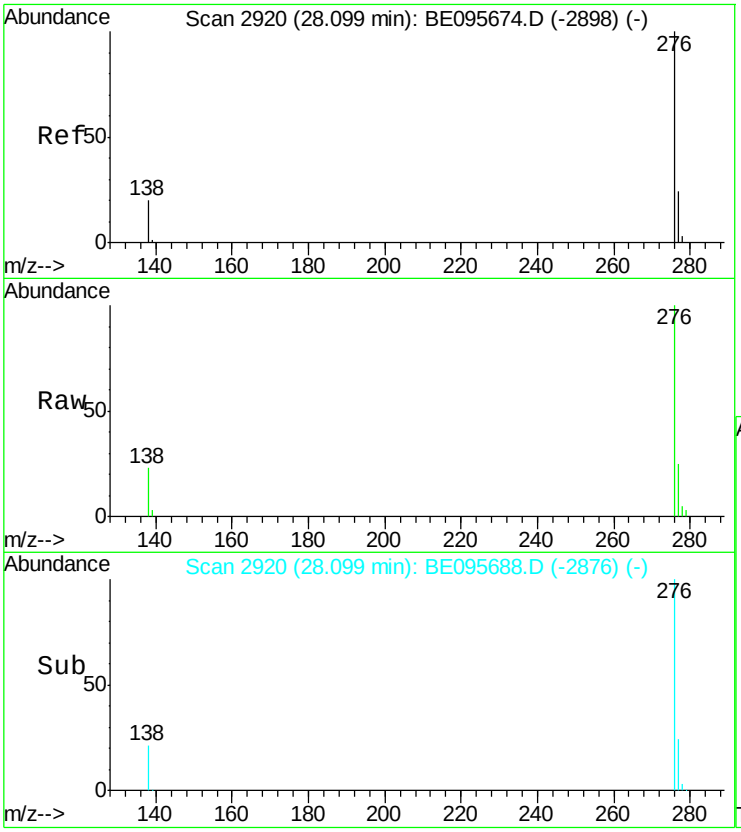


#38
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 27.25 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Tgt Ion:278 Resp: 7977

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.0	24.0
279	24.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 28.10 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE095688.D
Acq: 26 Feb 2018 14:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8472

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	22.5	20.0	30.0