Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095832.D
Acq On : 26 Mar 2018 9:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 27 05:38:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1140	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4413	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2673	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6660	0.40	ng		0.00
27) Chrysene-d12	21.79	240	7807	0.40	ng		-0.01
34) Perylene-d12	24.42	264	7409	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	1498	0.40	ng		0.00
5) Phenol-d6	7.56	99	2040	0.39	ng		0.00
8) Nitrobenzene-d5	9.59	82	2074	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	3040	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	552	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.63	172	4535	0.40	ng		-0.01
25) Fluoranthene-d10	19.68	212	39349	0.40	ng		0.00
29) Terphenyl-d14	20.24	244	6572	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	742	0.398	ng	#	90
3) n-Nitrosodimethylamine	3.99	42	994	0.363	ng		84
6) bis(2-Chloroethyl)ether	7.81	93	1777	0.399	ng		94
9) Naphthalene	11.31	128	20719	0.411	ng		100
10) Hexachlorobutadiene	11.56	225	1401	0.405	ng		96
12) 2-Methylnaphthalene	12.87	142	3527	0.410	ng		95
16) Acenaphthylene	14.73	152	6161	0.403	ng		99
17) Acenaphthene	15.06	154	3736	0.401	ng		95
18) Fluorene	16.03	166	4817	0.393	ng	#	78
20) 4-Bromophenyl-phenylether	16.89	248	1627	0.406	ng	#	86
21) Hexachlorobenzene	17.02	284	1578	0.395	ng	#	82
22) Pentachlorophenol	17.36	266	325	0.346	ng	#	76
23) Phenanthrene	17.74	178	8176	0.410	ng		99
24) Anthracene	17.84	178	7979	0.400	ng		95
26) Fluoranthene	19.71	202	11092	0.401	ng		97
28) Pyrene	20.06	202	14347	0.451	ng		97
30) Benzo(a)anthracene	21.78	228	10879	0.402	ng		97
31) Chrysene	21.84	228	10235	0.414	ng		99
32) Bis(2-ethylhexyl)phthalate	21.64	149	30754	0.371	ng		100
33) Indeno(1,2,3-cd)pyrene	27.23	276	10645	0.400	ng	#	94
35) Benzo(b)fluoranthene	23.60	252	10214	0.417	ng	#	92
36) Benzo(k)fluoranthene	23.66	252	9999	0.408	ng	#	93
37) Benzo(a)pyrene	24.30	252	9405	0.409	ng	#	92
38) Dibenzo(a,h)anthracene	27.25	278	8839	0.405	ng		97
39) Benzo(g,h,i)perylene	28.10	276	8928	0.407	ng	#	92

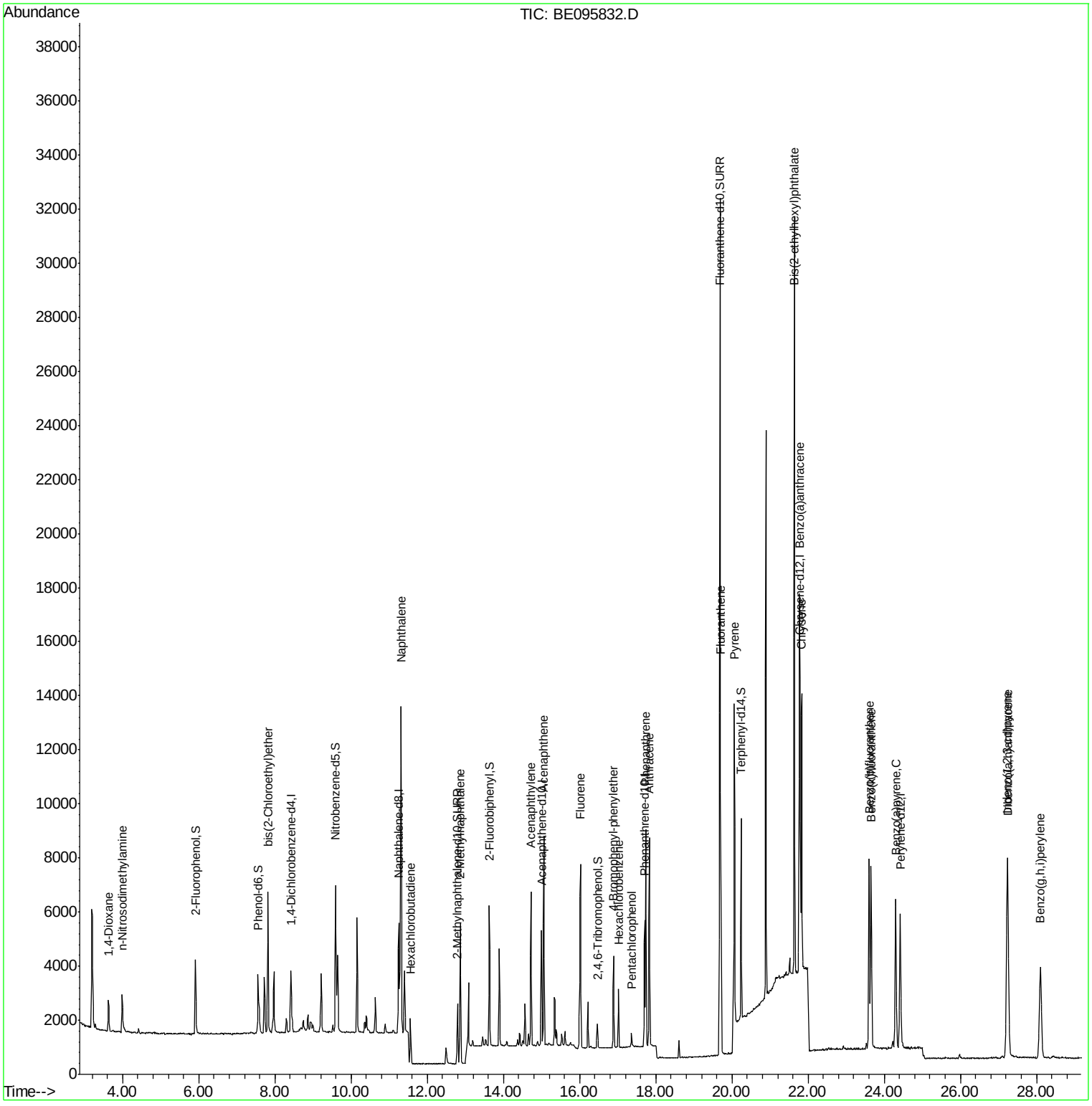
(#) = qualifier out of range (m) = manual integration (+) = signals summed

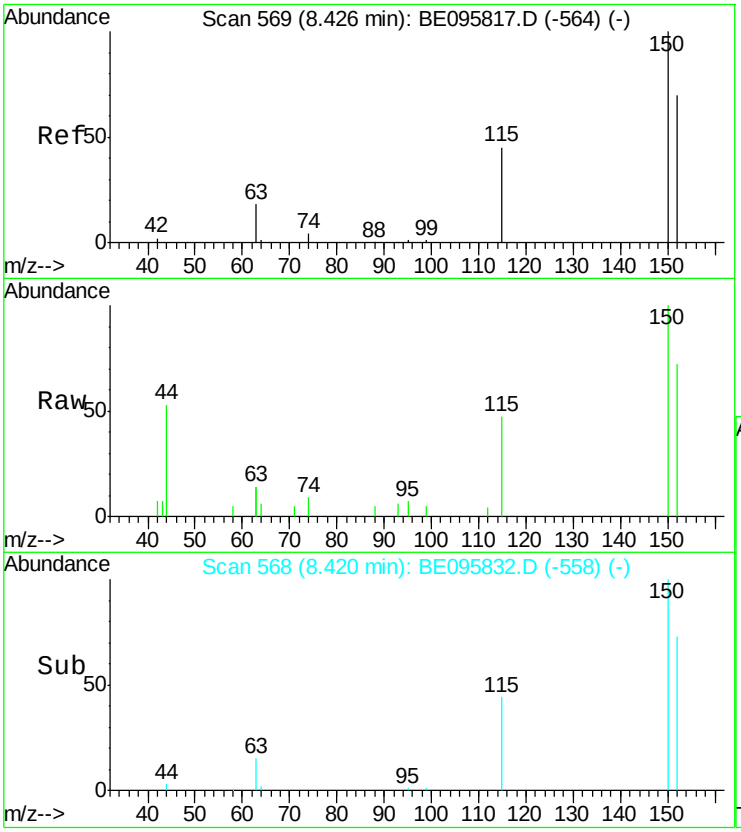
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095832.D
Acq On : 26 Mar 2018 9:04
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:38:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration



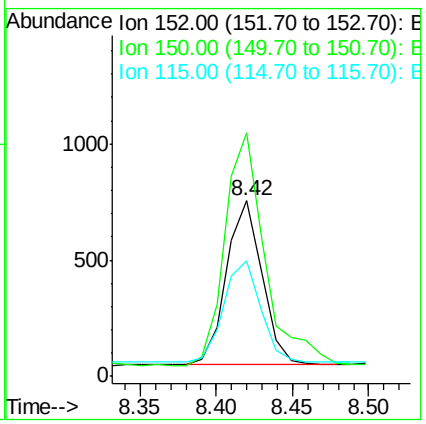


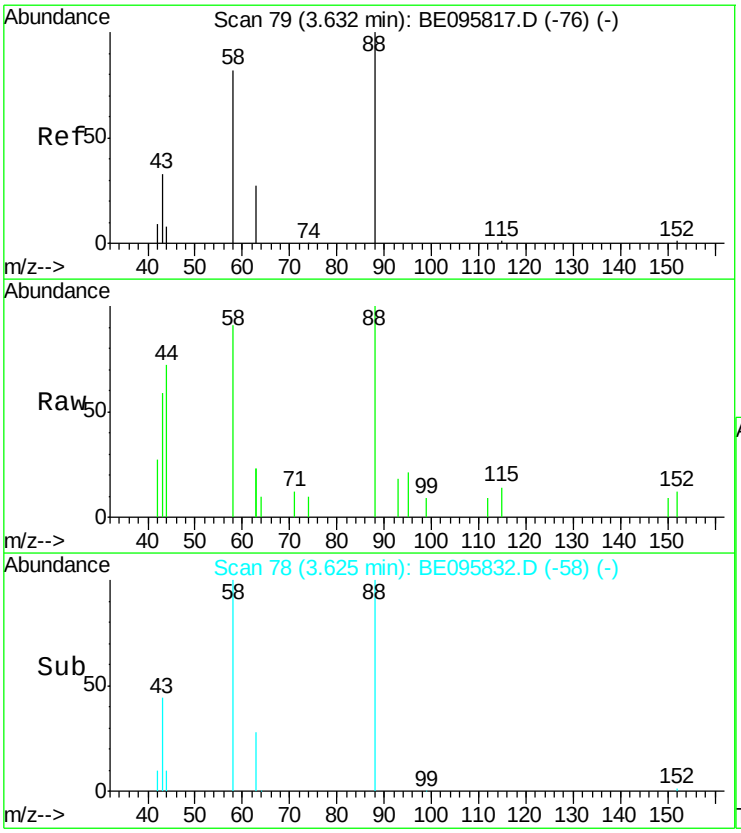
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1140

Ion	Ratio	Lower	Upper
152	100		
150	138.9	117.2	175.8
115	65.6	57.0	85.6

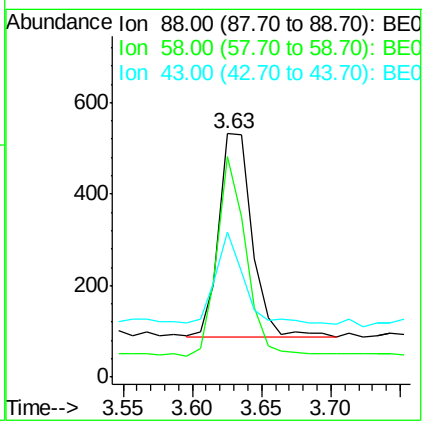


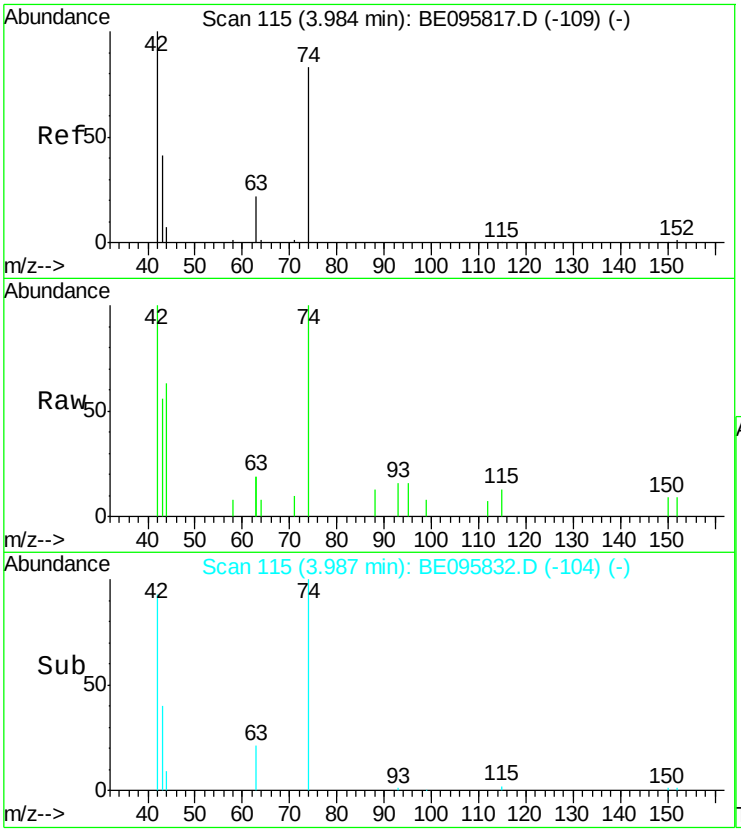


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.63 min Scan# 78
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 88 Resp: 742

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	38.4	41.2	61.8#



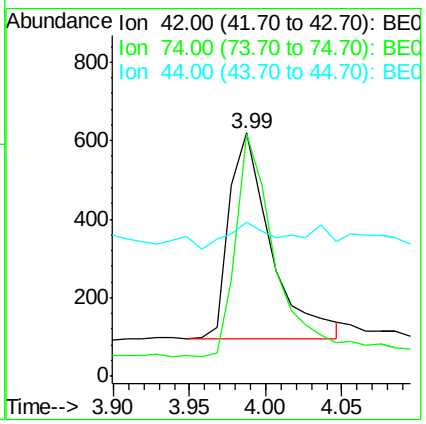


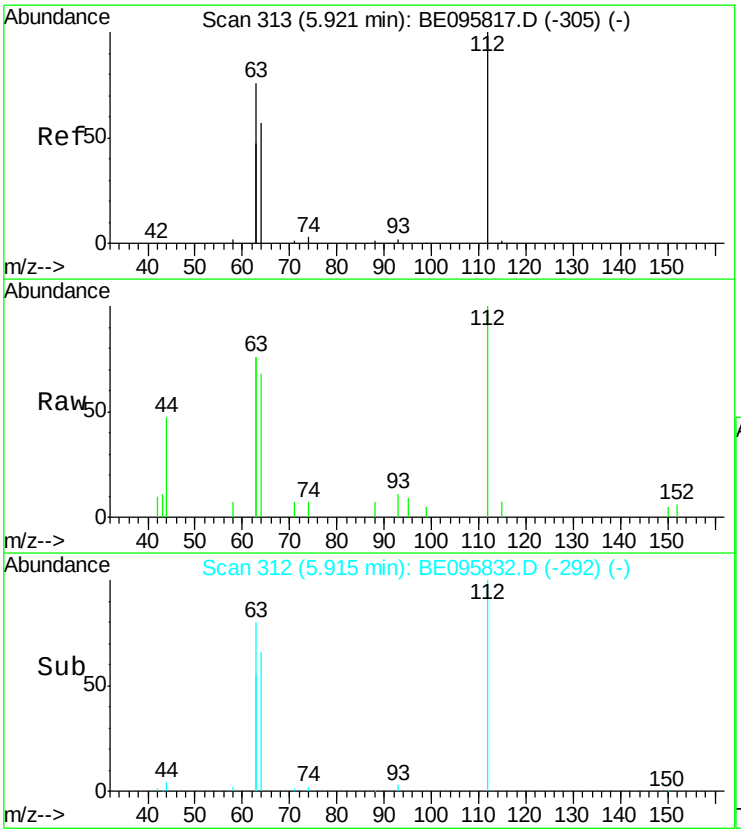
#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 994

Ion	Ratio	Lower	Upper
42	100		
74	101.2	96.0	144.0
44	12.3	12.0	18.0

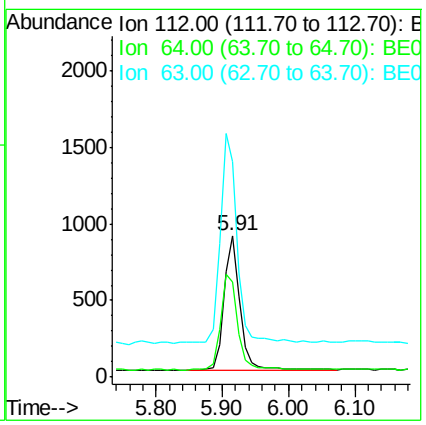


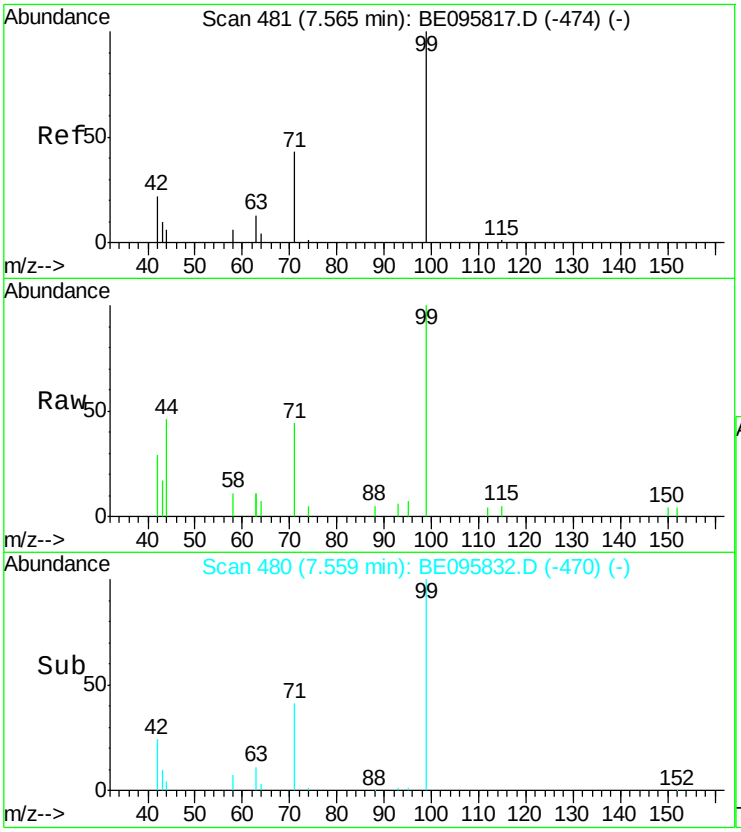


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:112 Resp: 1498

Ion	Ratio	Lower	Upper
112	100		
64	75.0	60.1	90.1
63	157.9	116.8	175.2



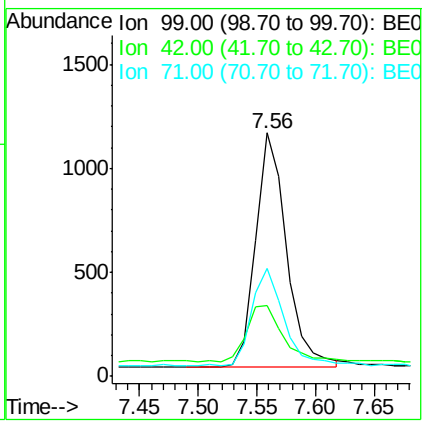


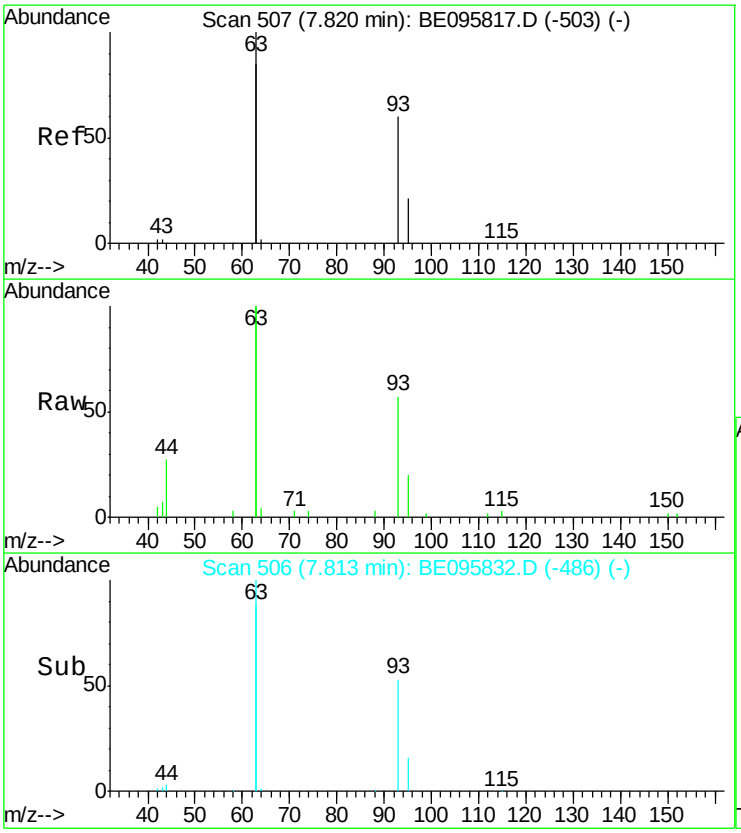
#5
Phenol-d6
Concen: 0.395 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2040

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.2	30.2
71	43.7	28.4	42.6#

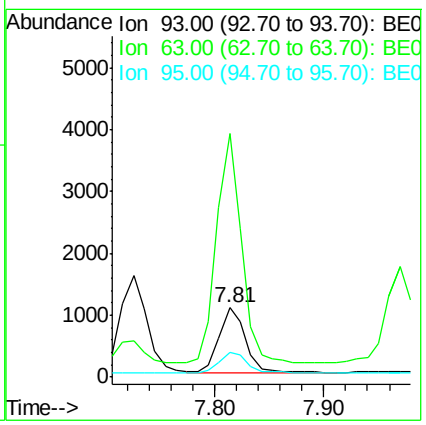


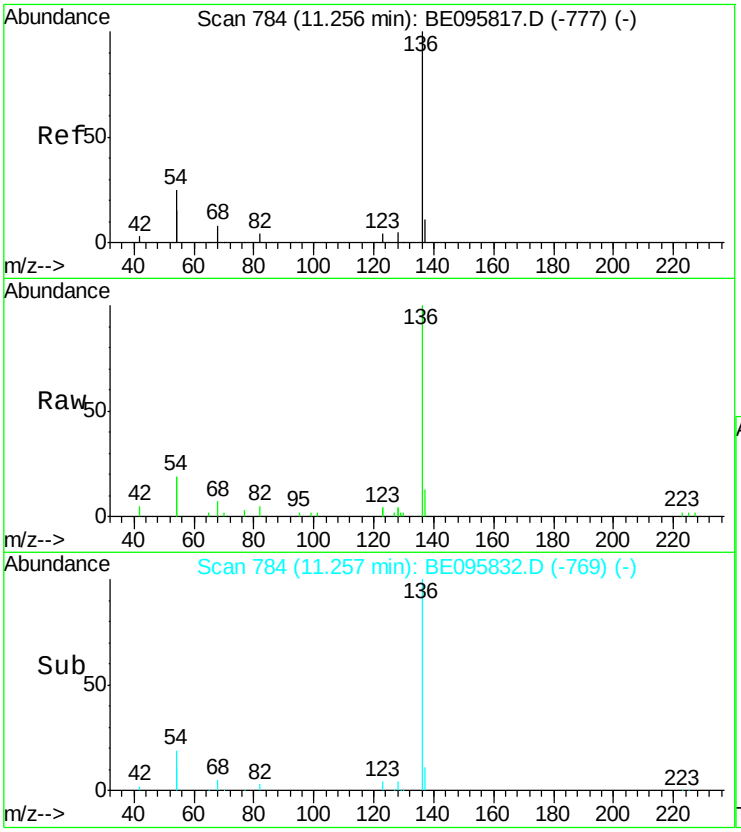


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.81 min Scan# 506
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 93 Resp: 1777

Ion	Ratio	Lower	Upper
93	100		
63	329.8	275.3	412.9
95	33.1	25.2	37.8



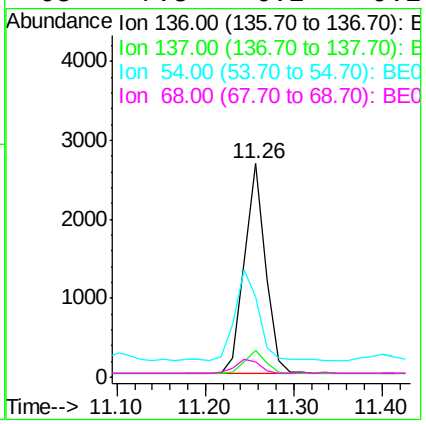


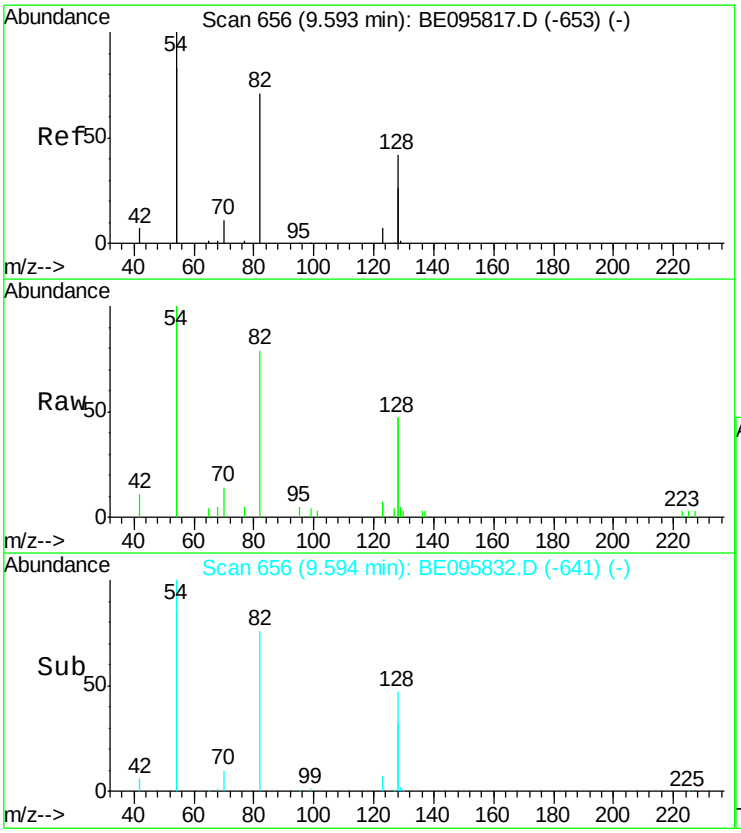
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4413

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	37.9	29.1	43.7
68	7.3	6.2	9.2

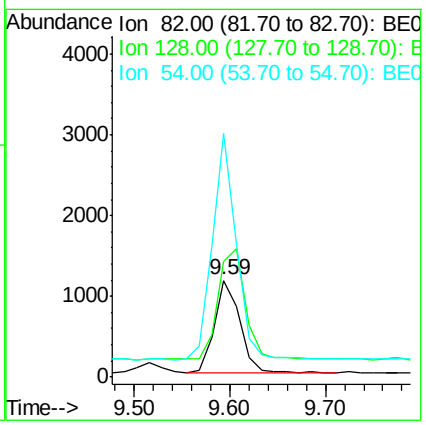


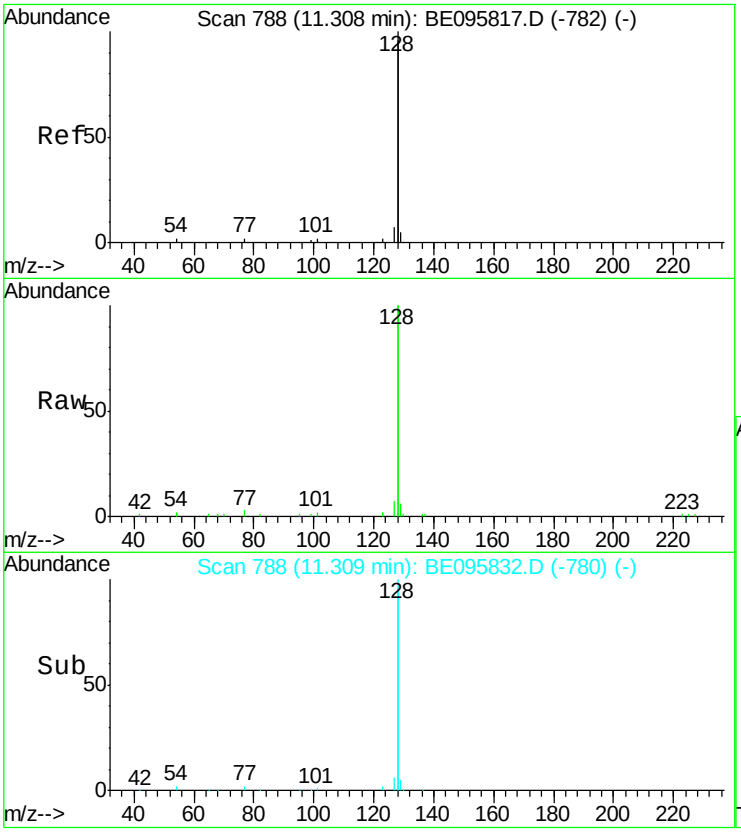


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion: 82 Resp: 2074

Ion	Ratio	Lower	Upper
82	100		
128	119.7	150.0	225.0#
54	252.2	154.2	231.4#



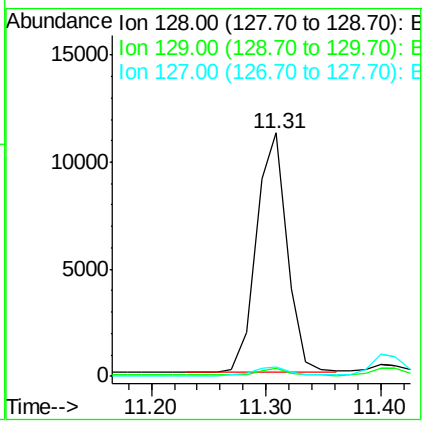


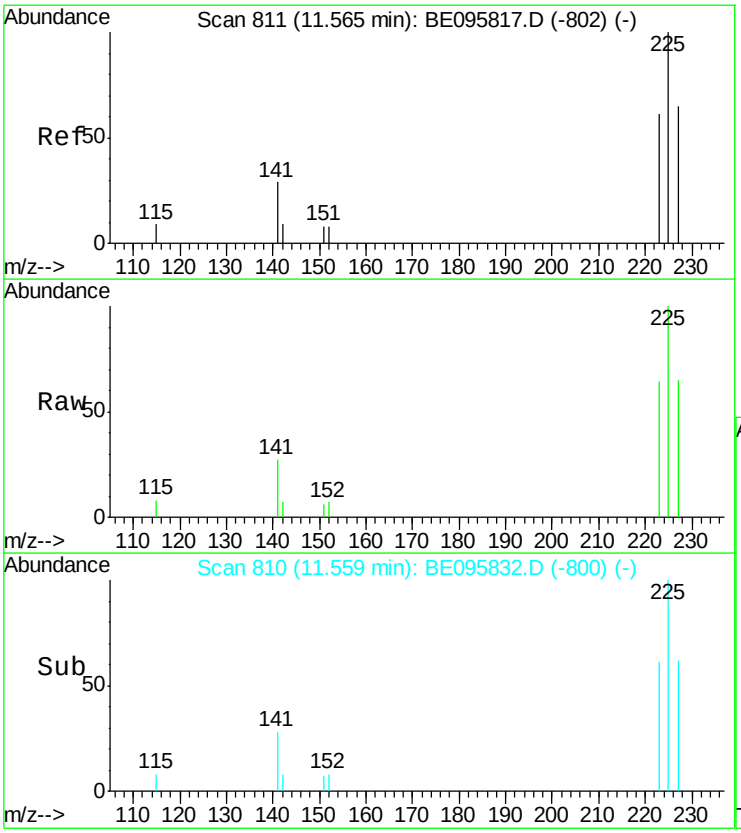
#9
Naphthalene
Concen: 0.411 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 20719

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.6	2.8	4.2

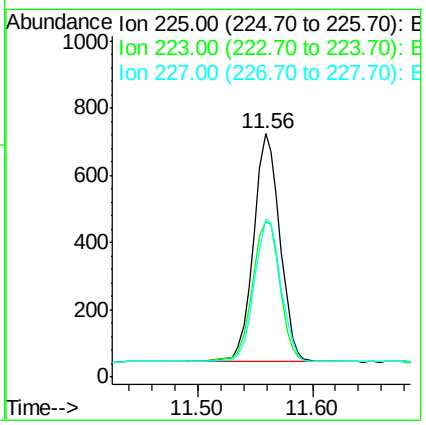


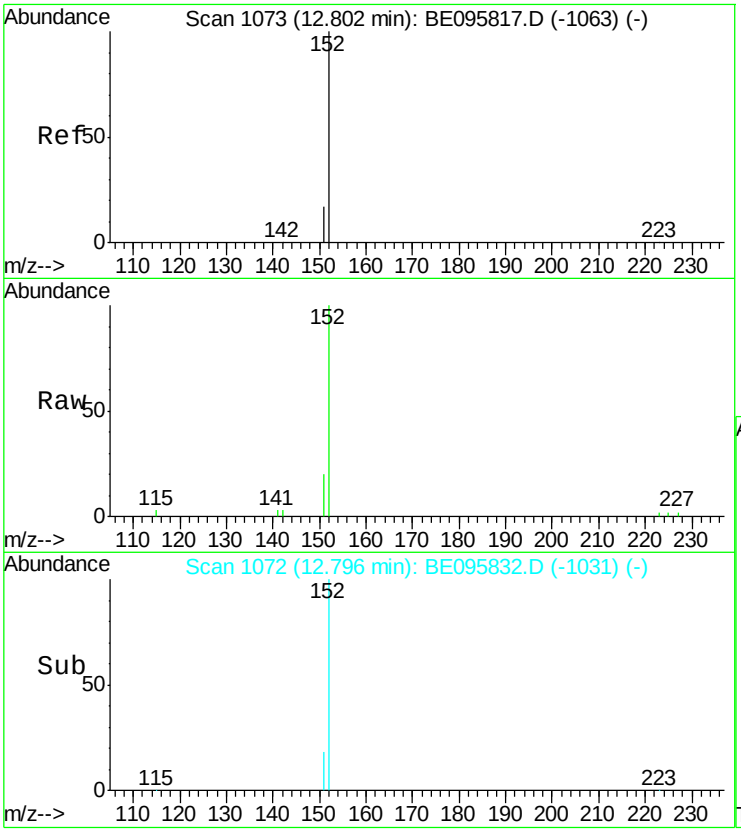


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 11.56 min Scan# 810
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:225 Resp: 1401

Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.0	79.6
227	61.8	51.4	77.2



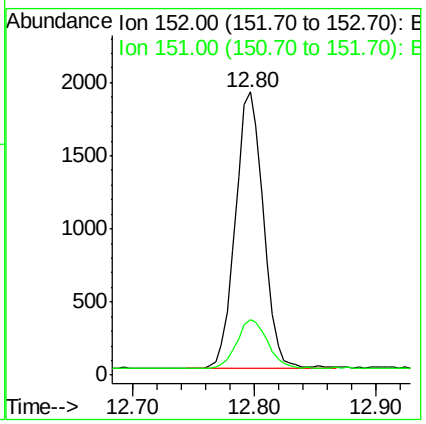


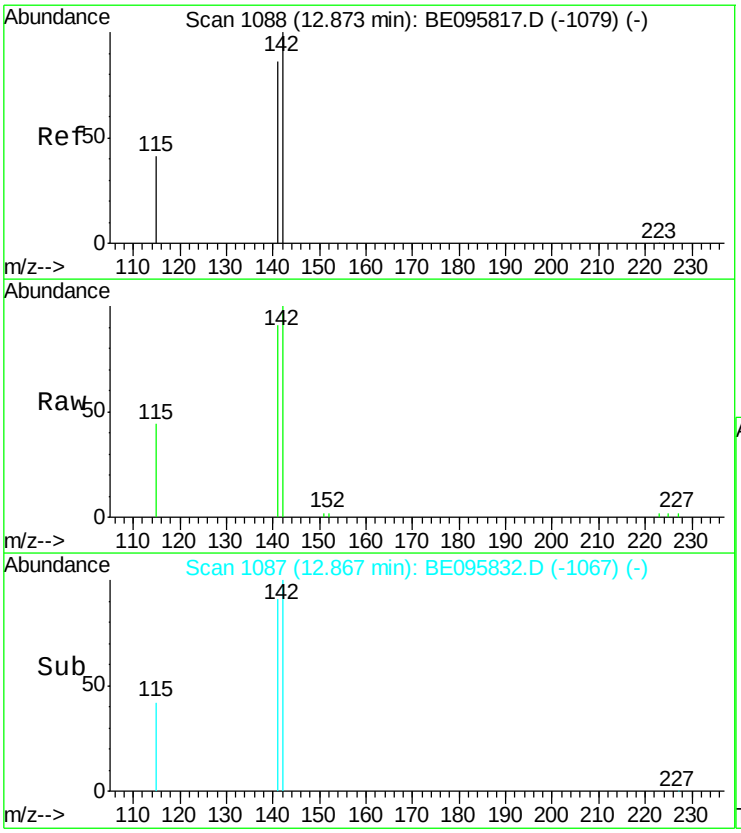
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.80 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3040

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

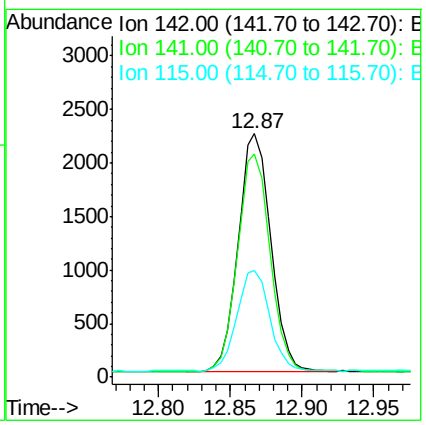


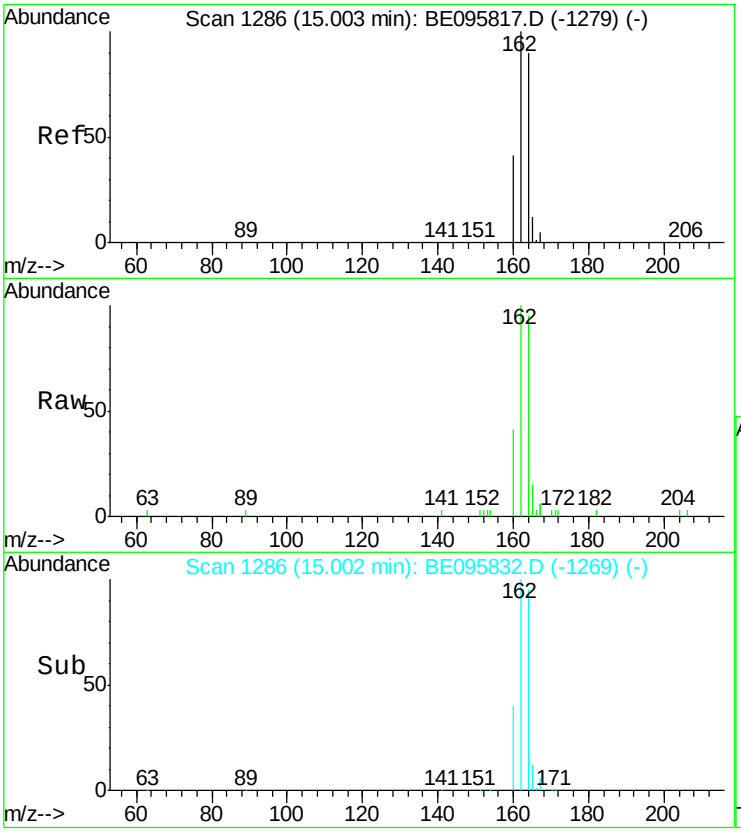


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:142 Resp: 3527

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.4	105.6
115	43.9	31.7	47.5



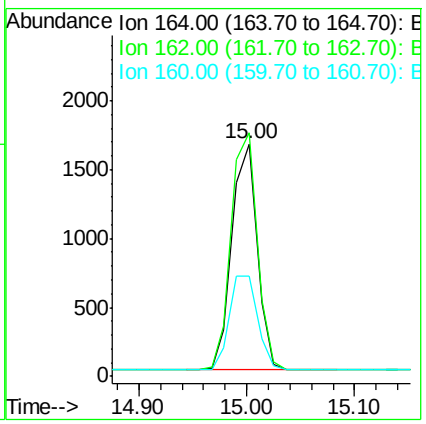


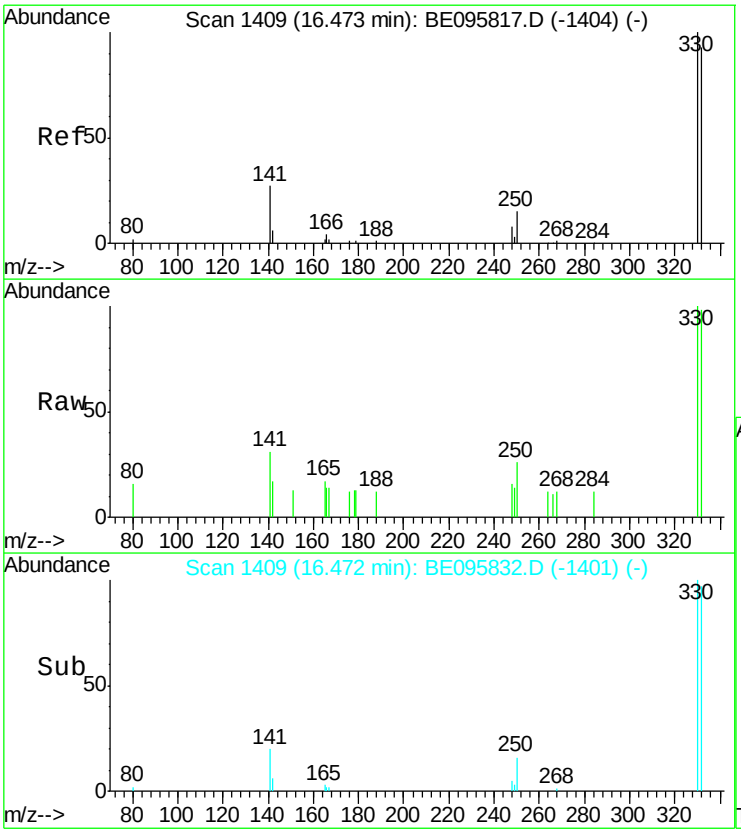
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2673

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	43.3	37.1	55.7

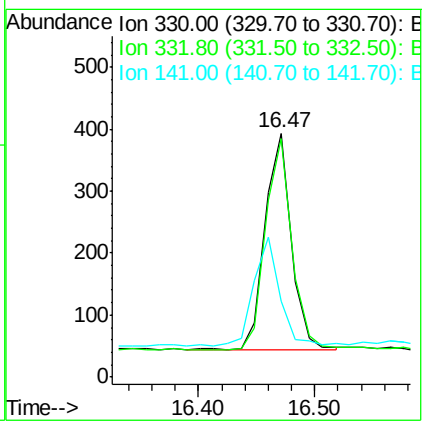


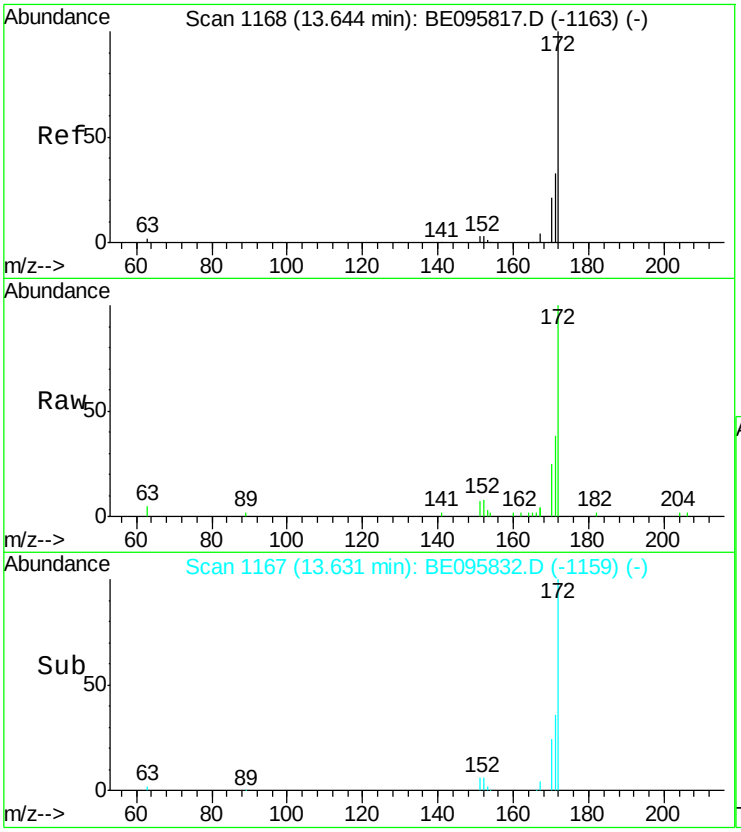


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:330 Resp: 552

Ion	Ratio	Lower	Upper
330	100		
332	98.2	152.7	229.1#
141	50.4	33.7	50.5



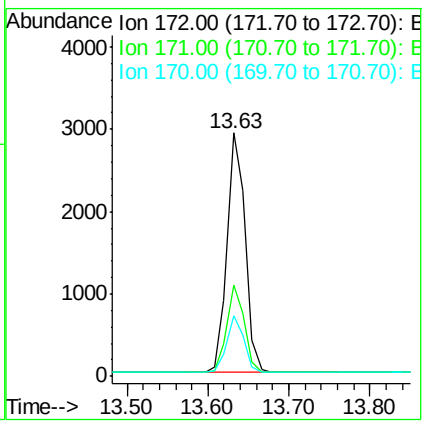


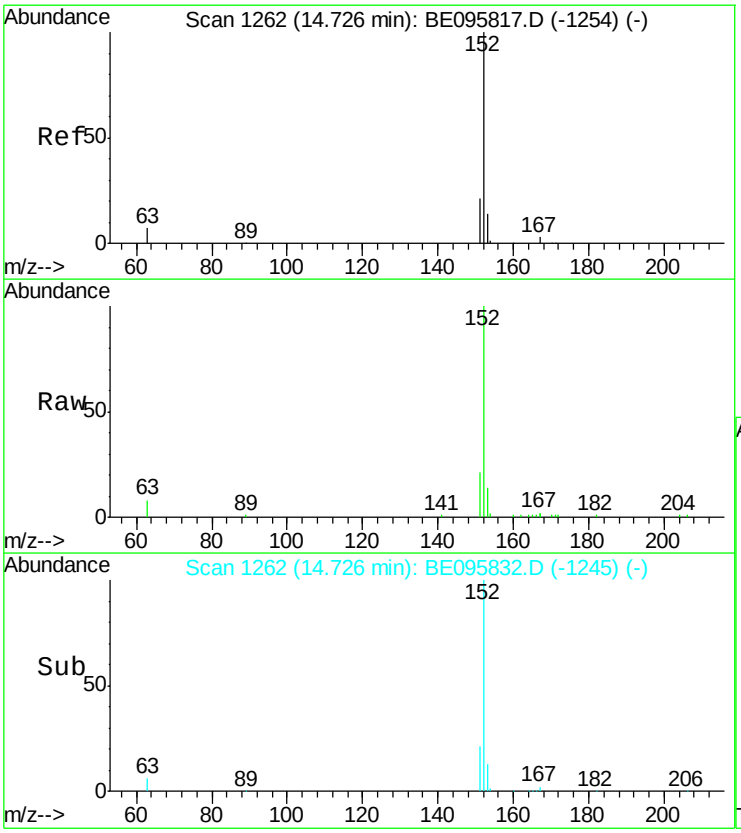
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4535

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	24.9	21.8	32.8

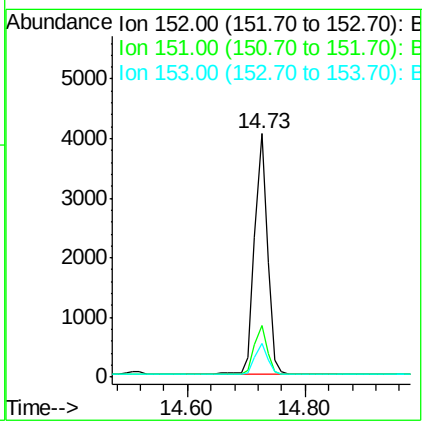


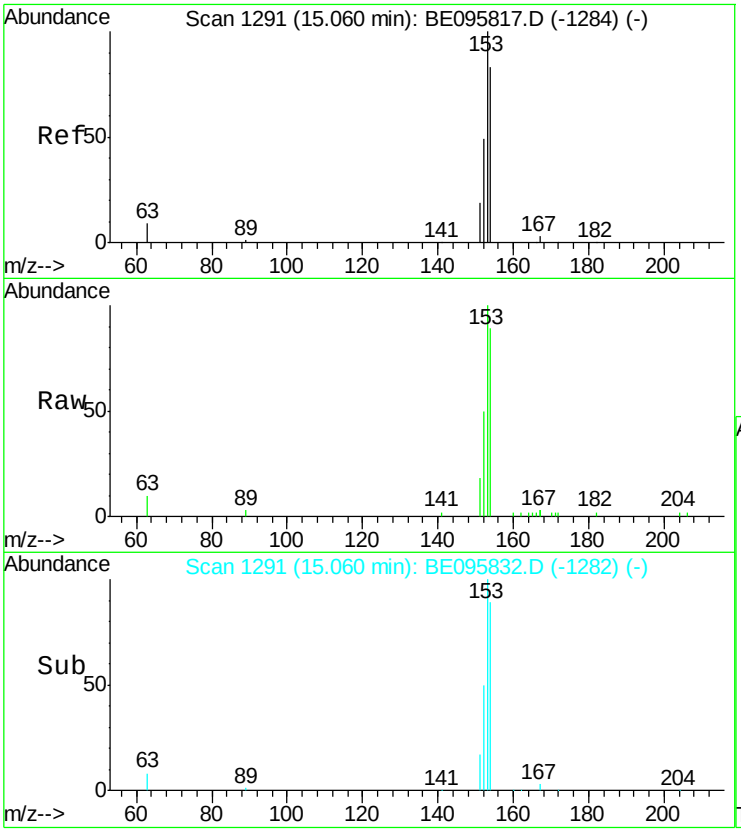


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:152 Resp: 6161

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	12.8	10.5	15.7



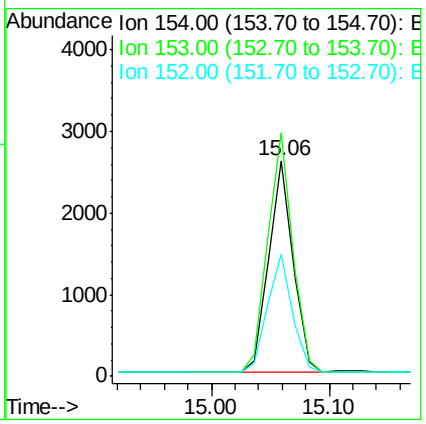


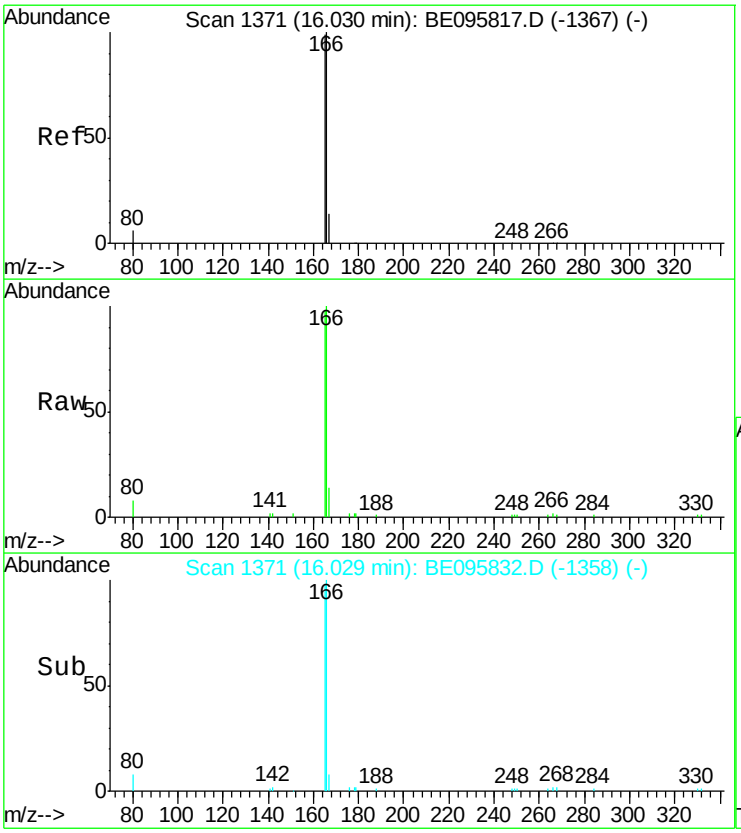
#17
Acenaphthene
Concen: 0.401 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3736

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	56.9	42.0	63.0

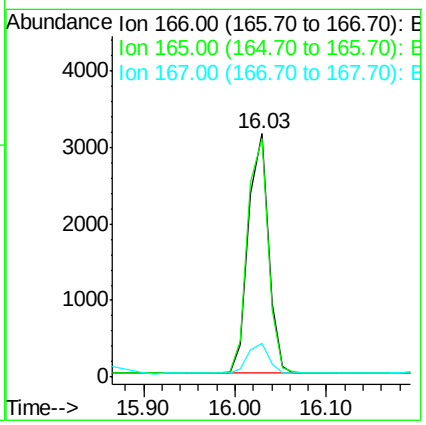


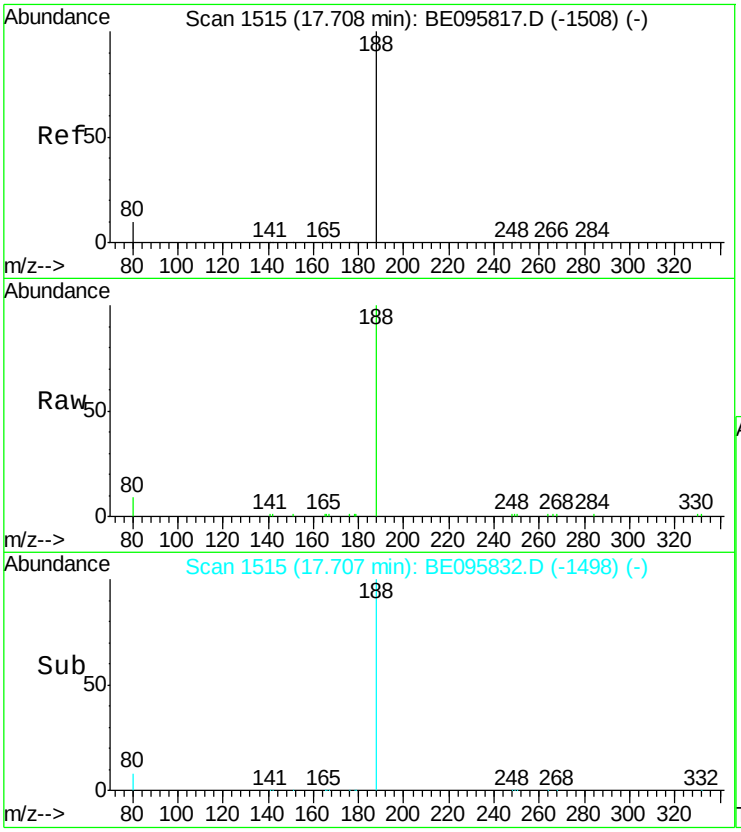


#18
Fluorene
Concen: 0.393 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:166 Resp: 4817

Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.8	116.6
167	13.5	42.4	63.6#



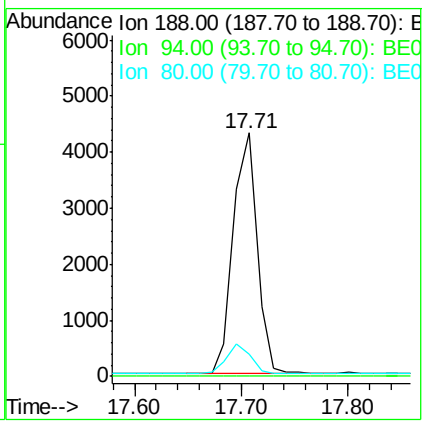


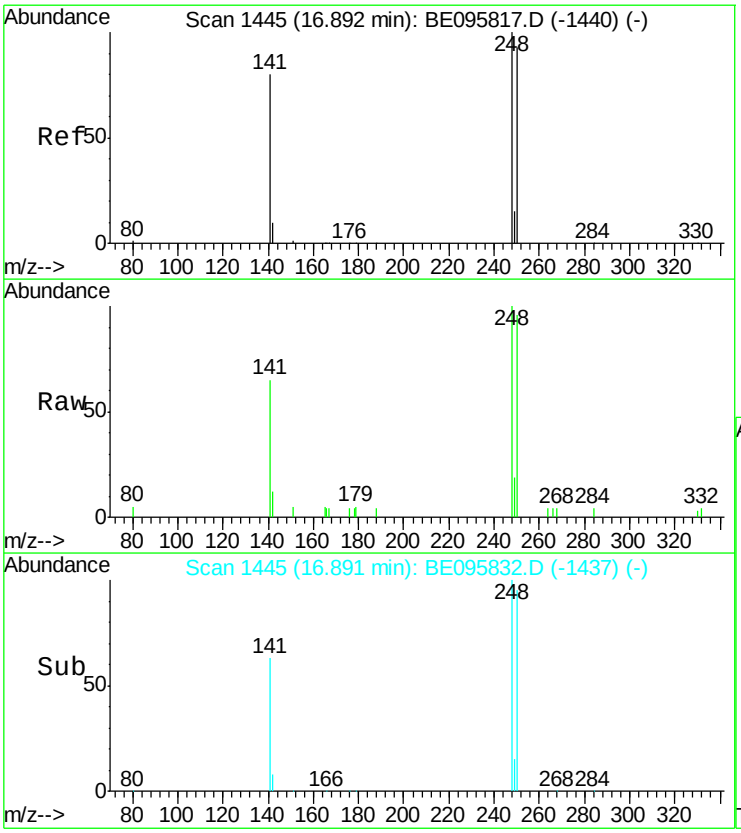
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6660

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.1	3.6	5.4#

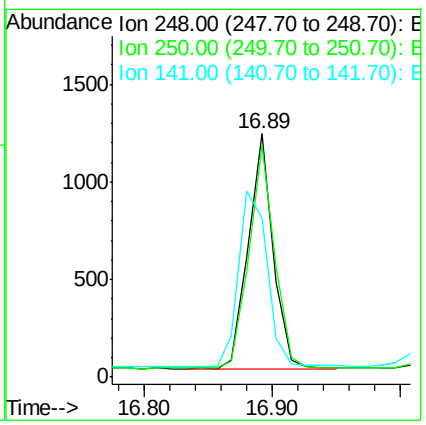


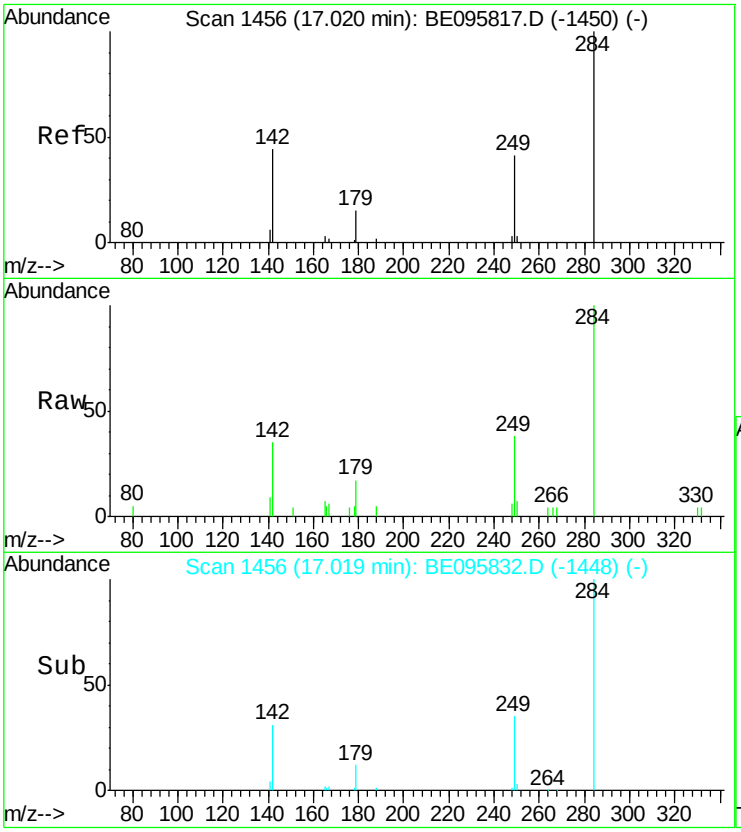


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.89 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:248 Resp: 1627

Ion	Ratio	Lower	Upper
248	100		
250	95.5	62.7	94.1#
141	65.4	48.2	72.2



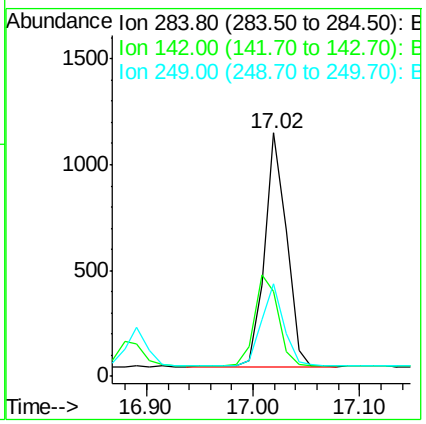


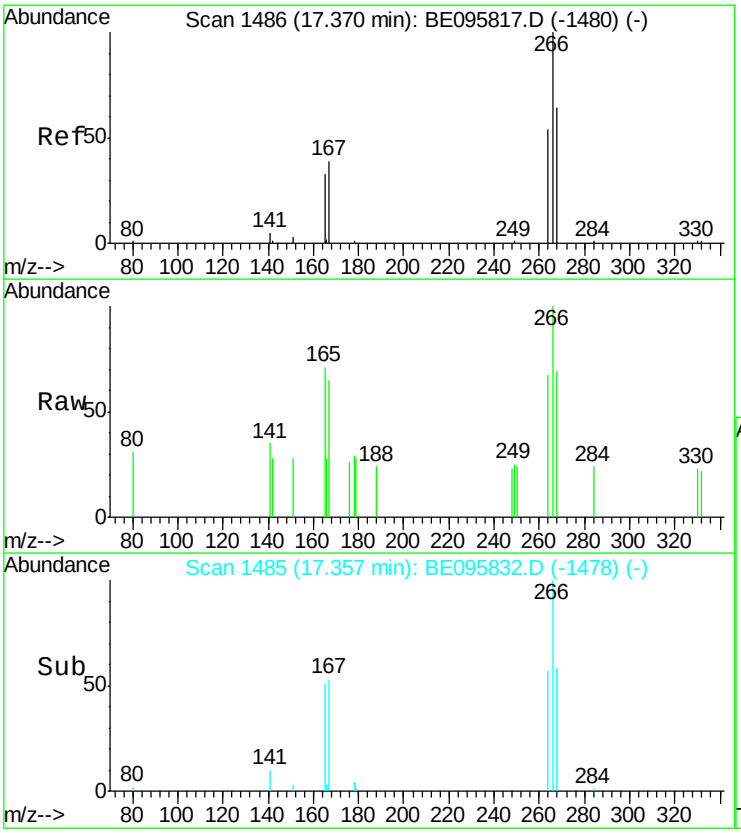
#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 17.02 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1578

Ion	Ratio	Lower	Upper
284	100		
142	42.4	22.1	33.1#
249	36.2	34.8	52.2

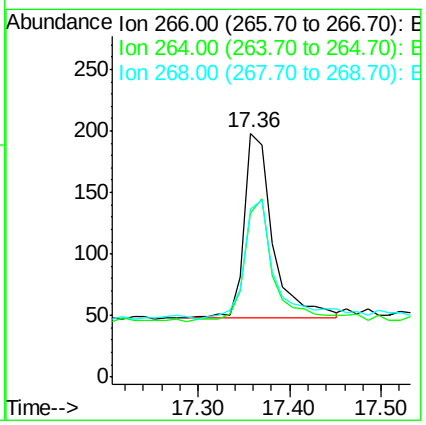


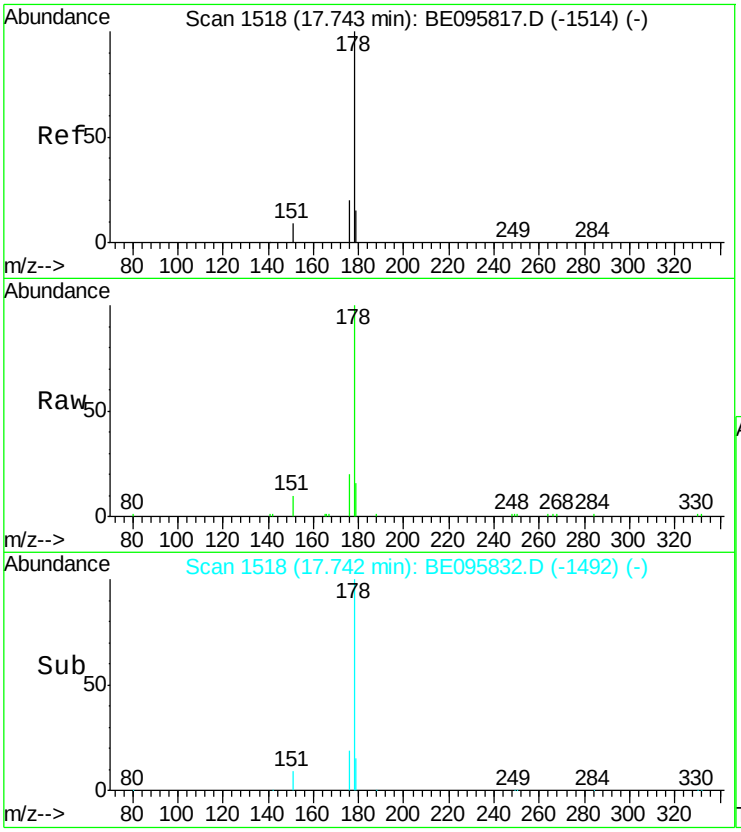


#22
Pentachlorophenol
Concen: 0.346 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:266 Resp: 325

Ion	Ratio	Lower	Upper
266	100		
264	67.2	72.5	108.7#
268	69.2	73.8	110.6#



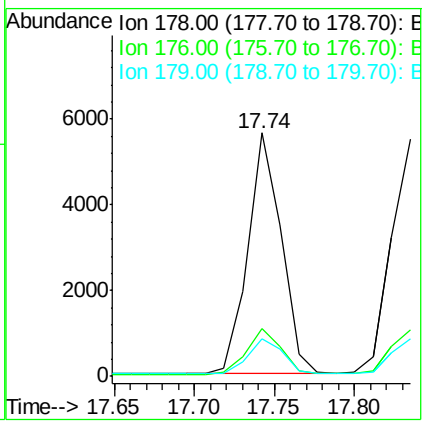


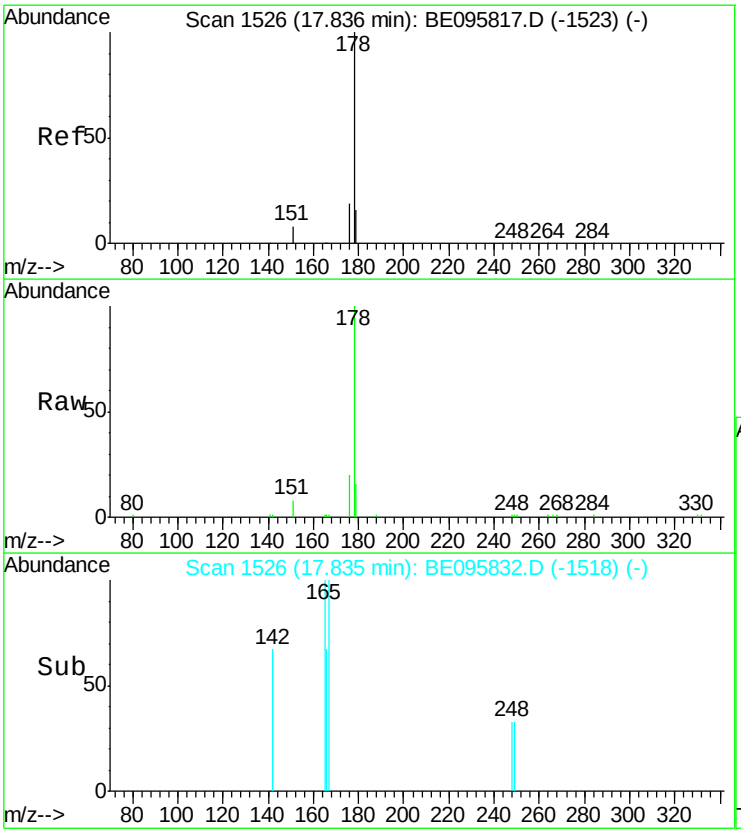
#23
Phenanthrene
Concen: 0.410 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8176

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	11.8	17.6

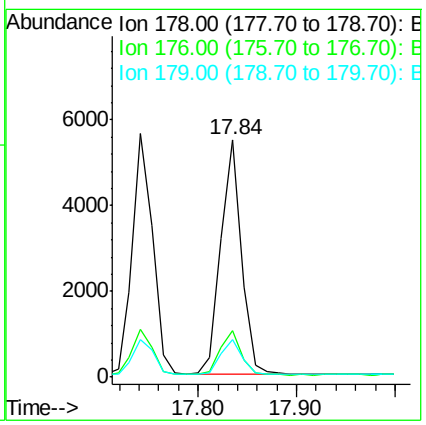


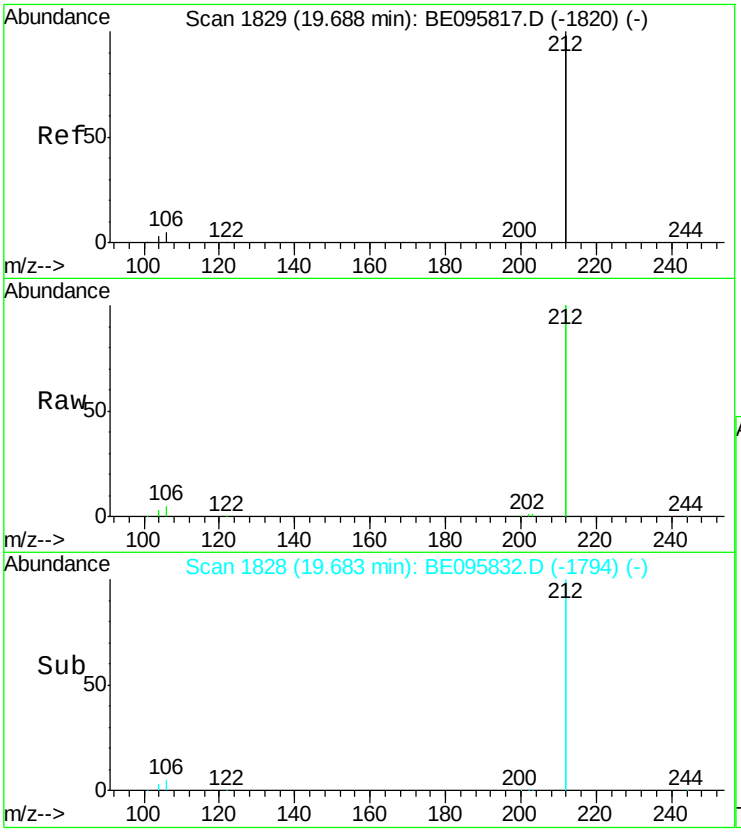


#24
Anthracene
Concen: 0.400 ng
RT: 17.84 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:178 Resp: 7979

Ion	Ratio	Lower	Upper
178	100		
176	19.1	12.8	19.2
179	15.3	13.0	19.6



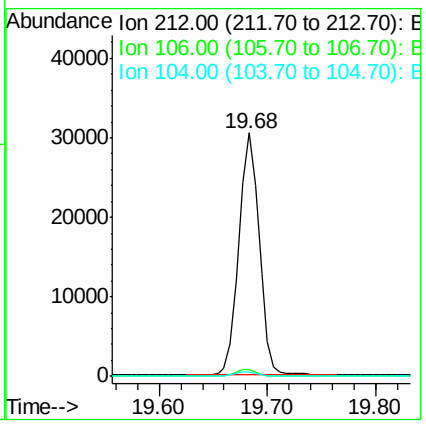


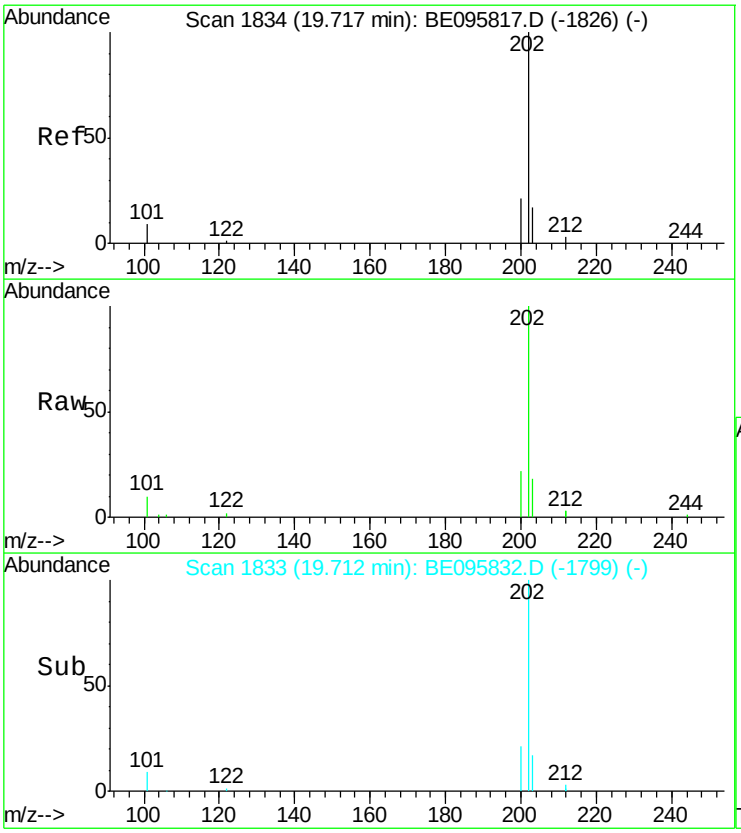
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 39349

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

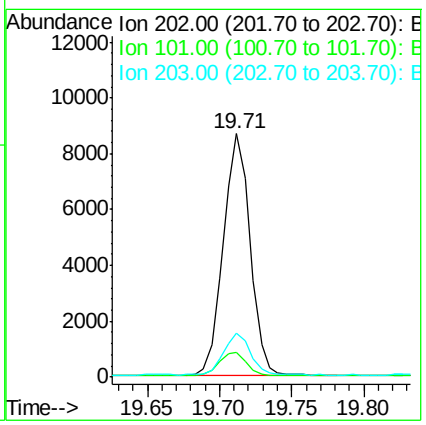


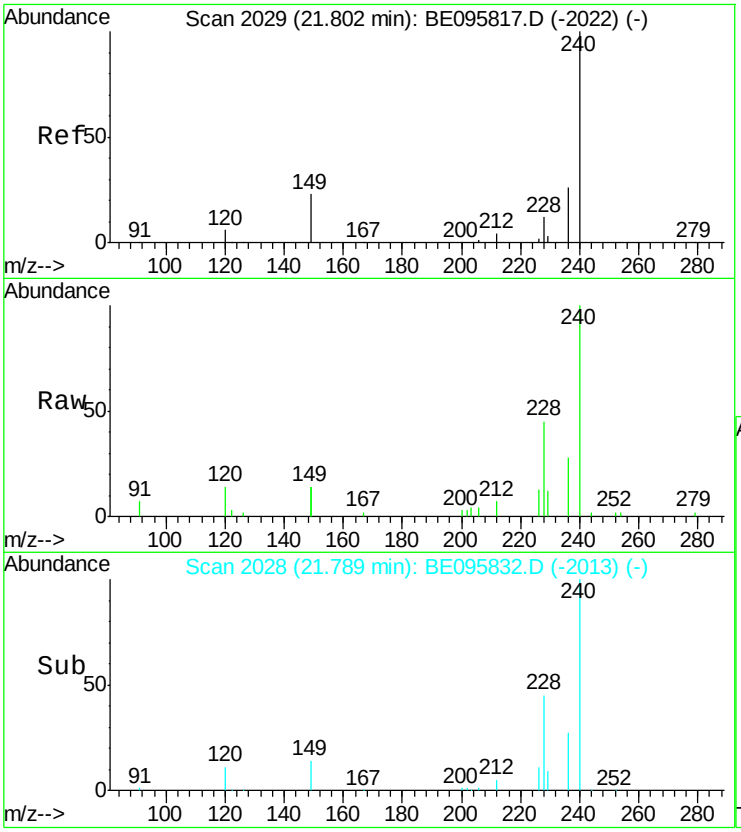


#26
Fluoranthene
Concen: 0.401 ng
RT: 19.71 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:202 Resp: 11092

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
203	17.4	13.7	20.5



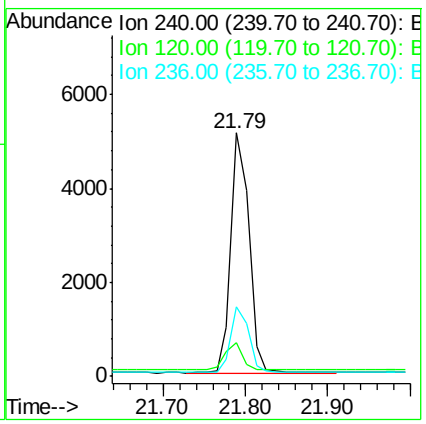


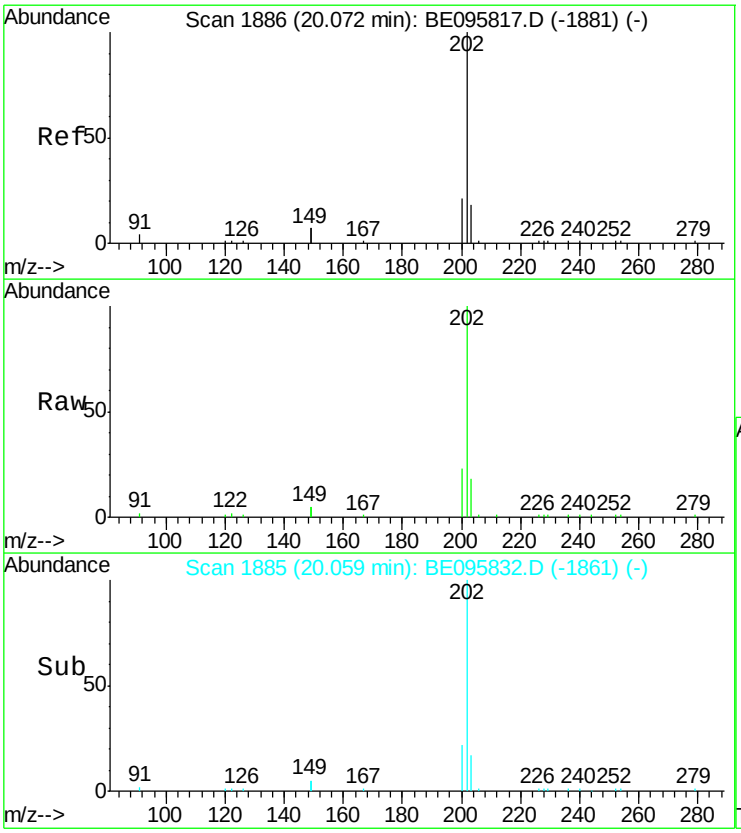
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7807

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.5	8.3#
236	28.5	20.7	31.1

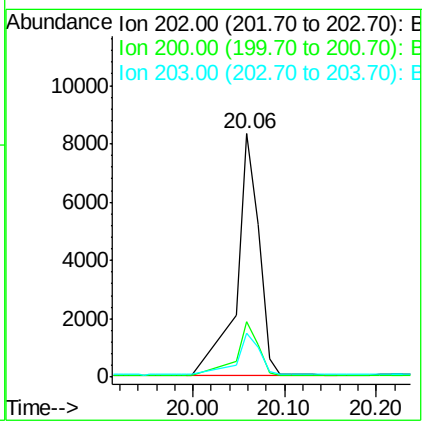


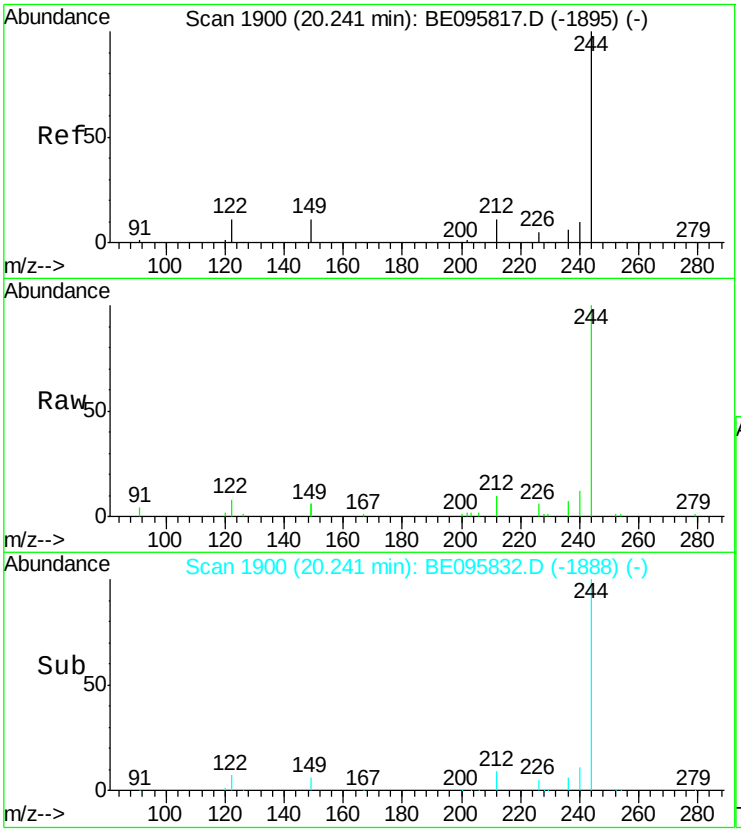


#28
Pyrene
Concen: 0.451 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:202 Resp: 14347

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	18.8	13.8	20.8



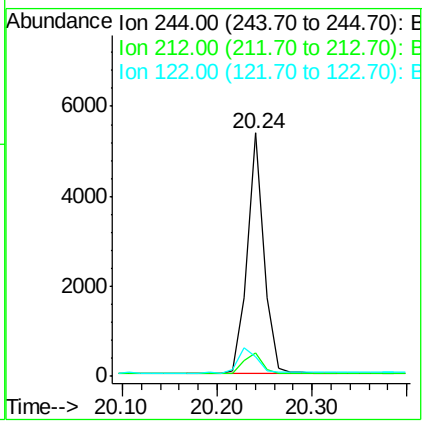


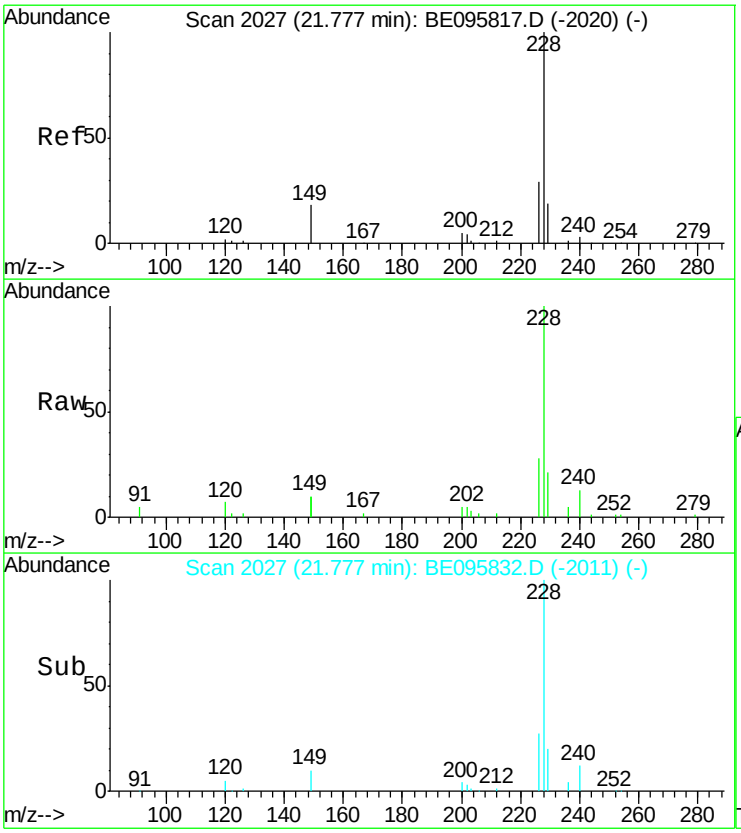
#29
Terphenyl-d14
Concen: 0.396 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6572

Ion	Ratio	Lower	Upper
244	100		
212	9.7	25.4	38.0#
122	8.0	8.1	12.1#

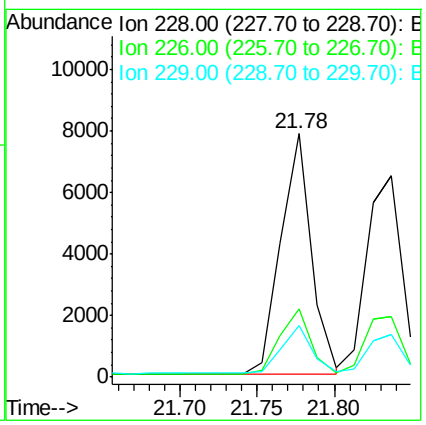


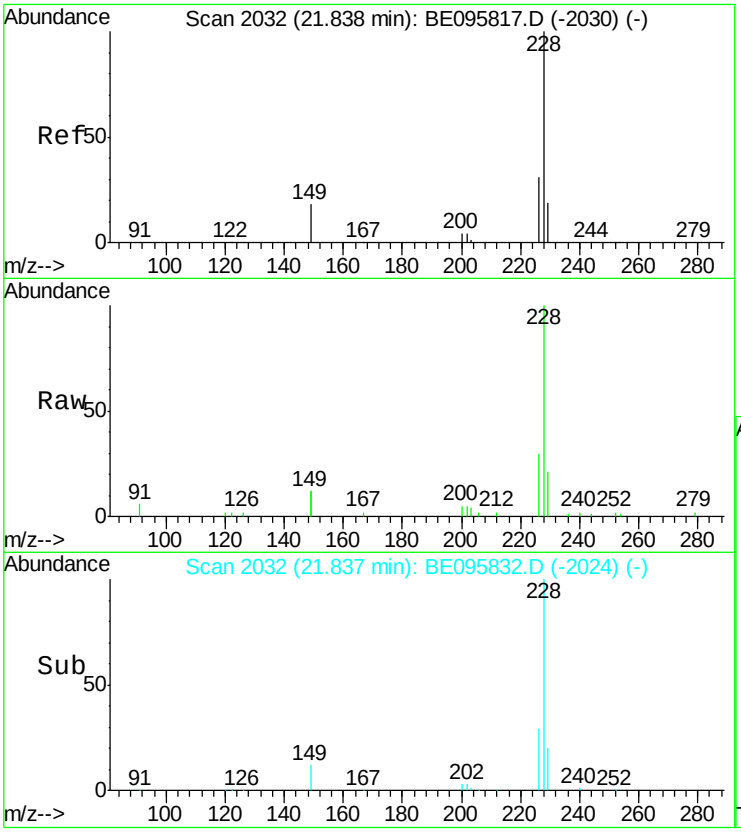


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:228 Resp: 10879

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.0	36.0
229	21.2	16.0	24.0



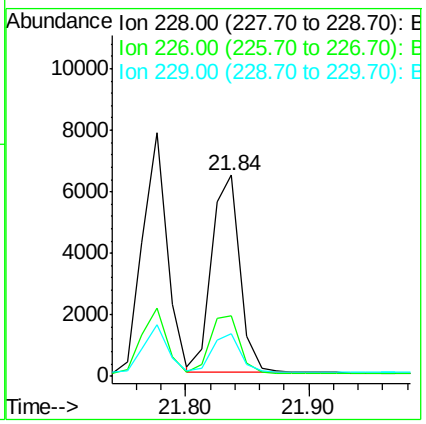


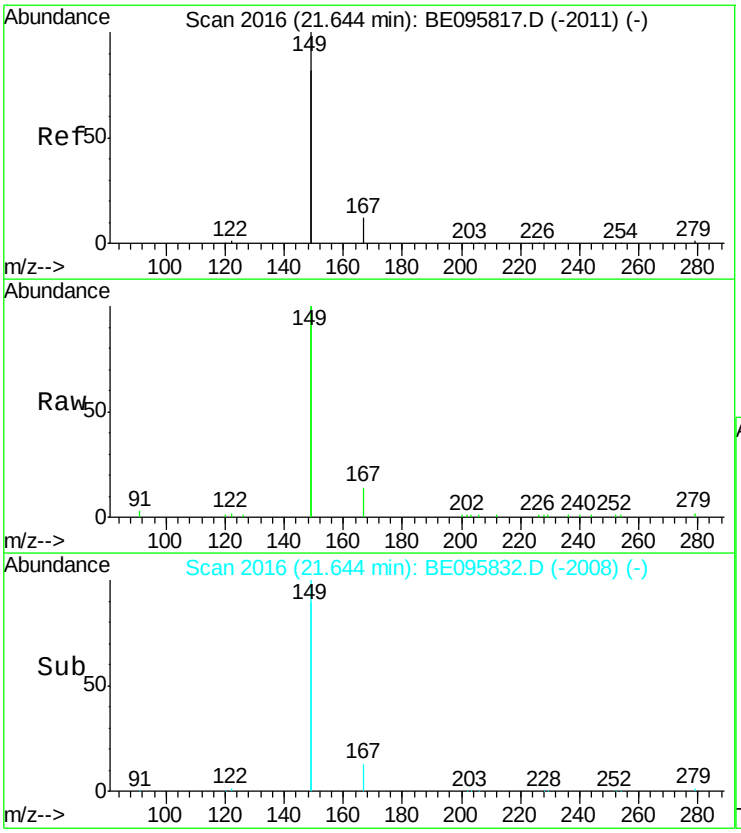
#31
Chrysene
Concen: 0.414 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10235

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.3	16.0	24.0

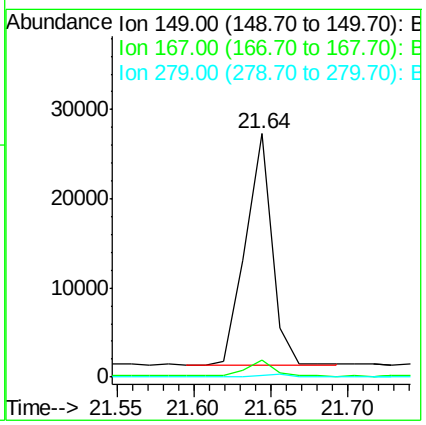


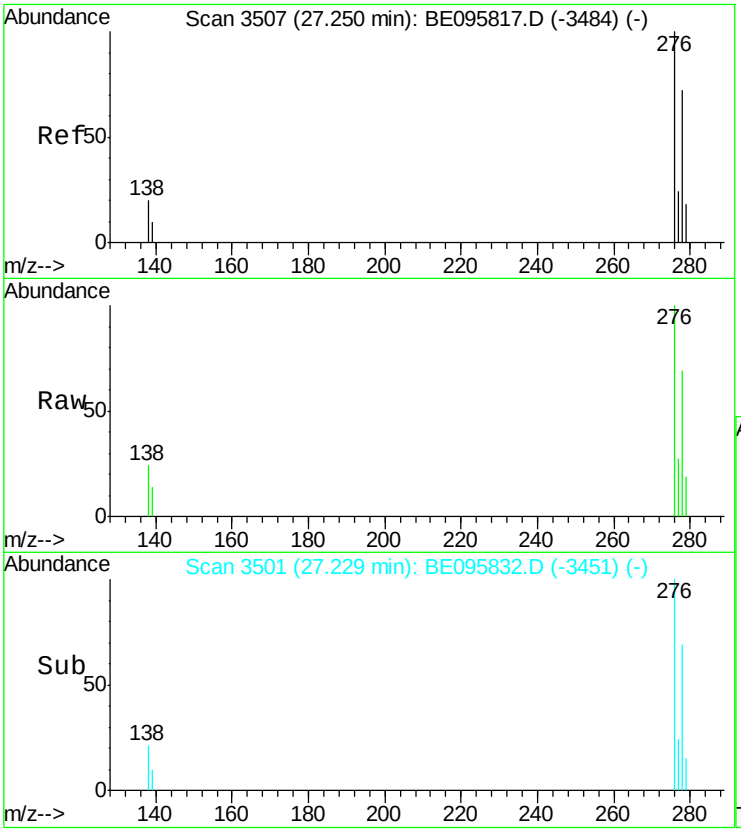


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:149 Resp: 30754

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



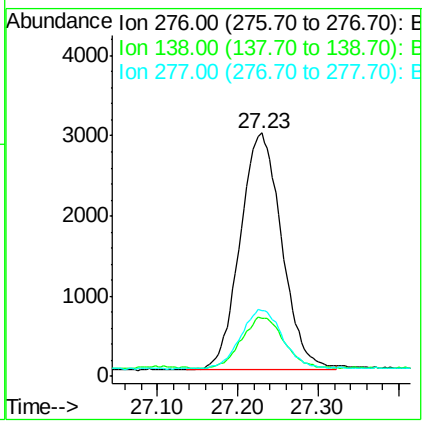


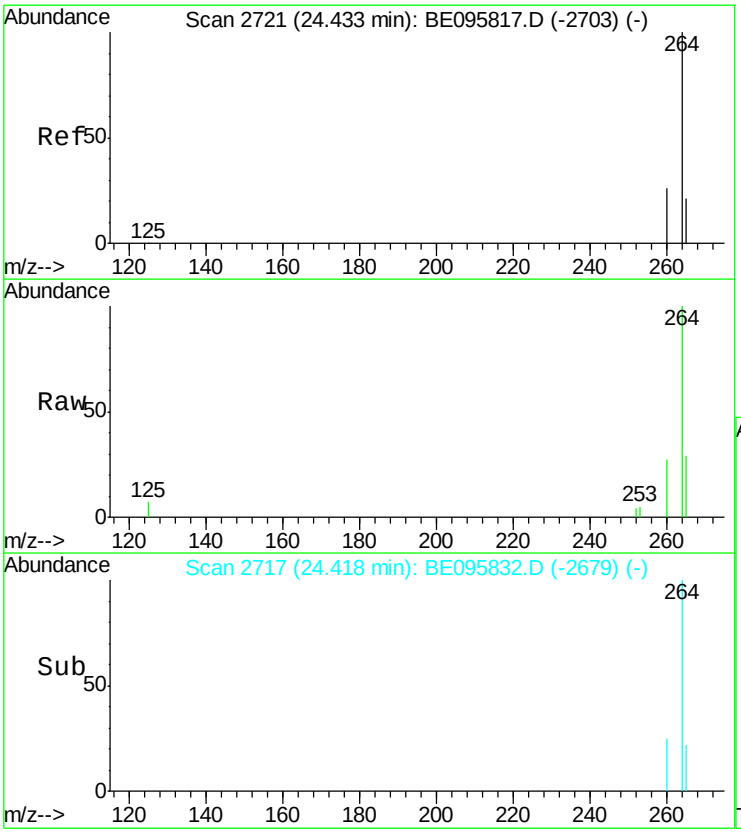
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10645

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	24.8	19.9	29.9

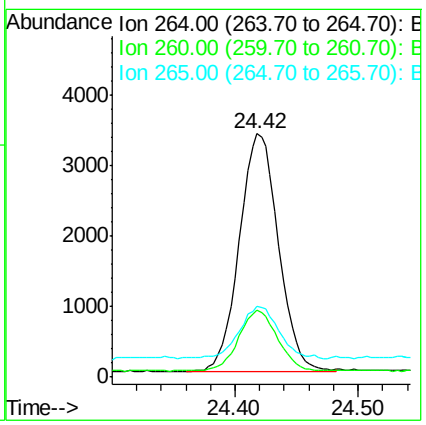


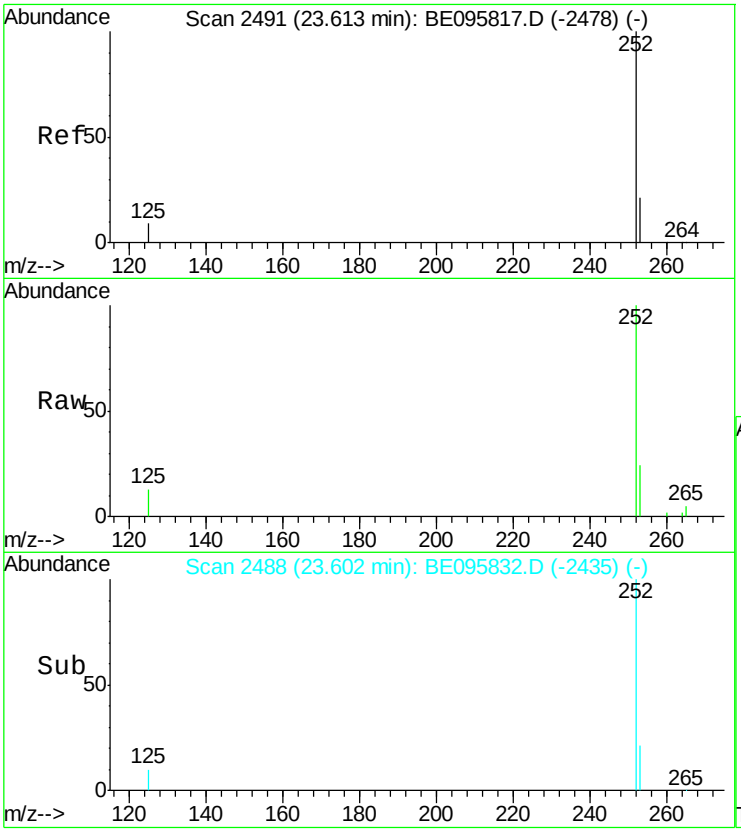


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:264 Resp: 7409

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.5	30.7
265	29.0	22.8	34.2



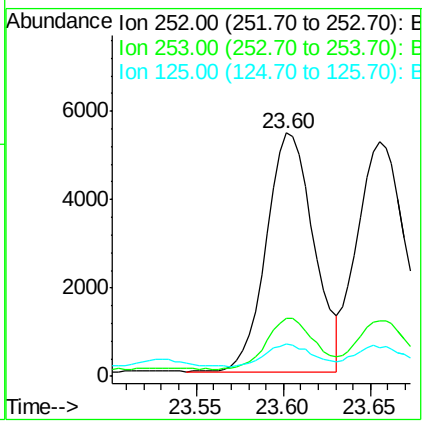


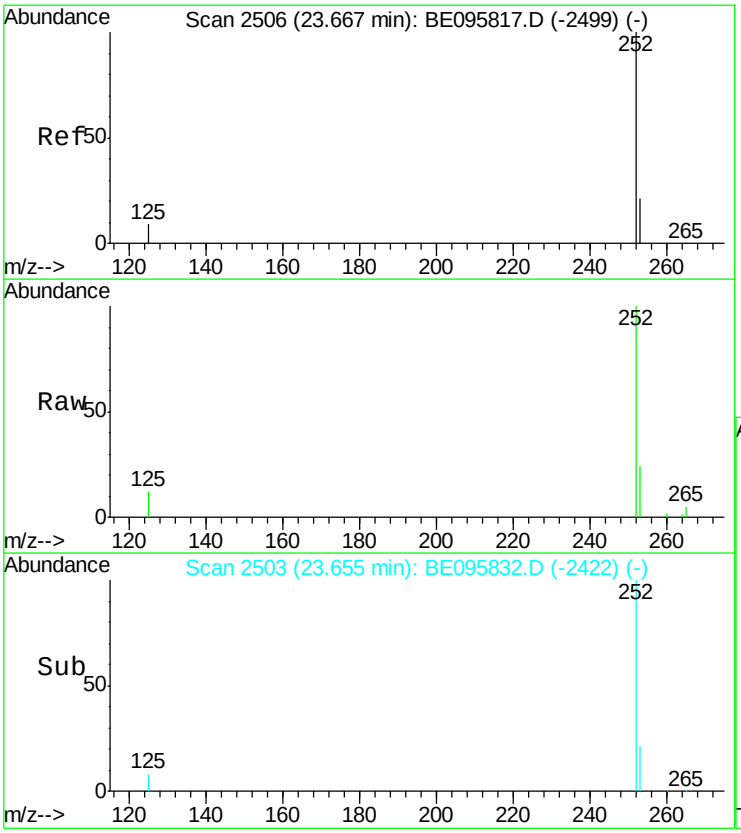
#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.60 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10214

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.0	30.0
125	13.2	16.0	24.0#

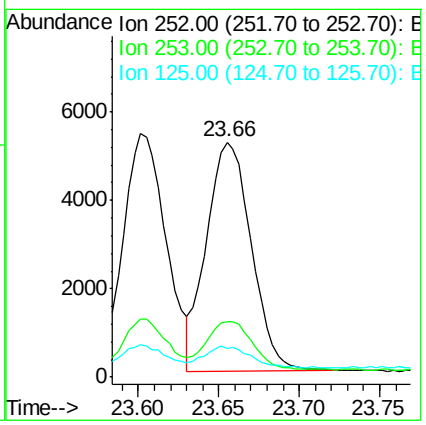


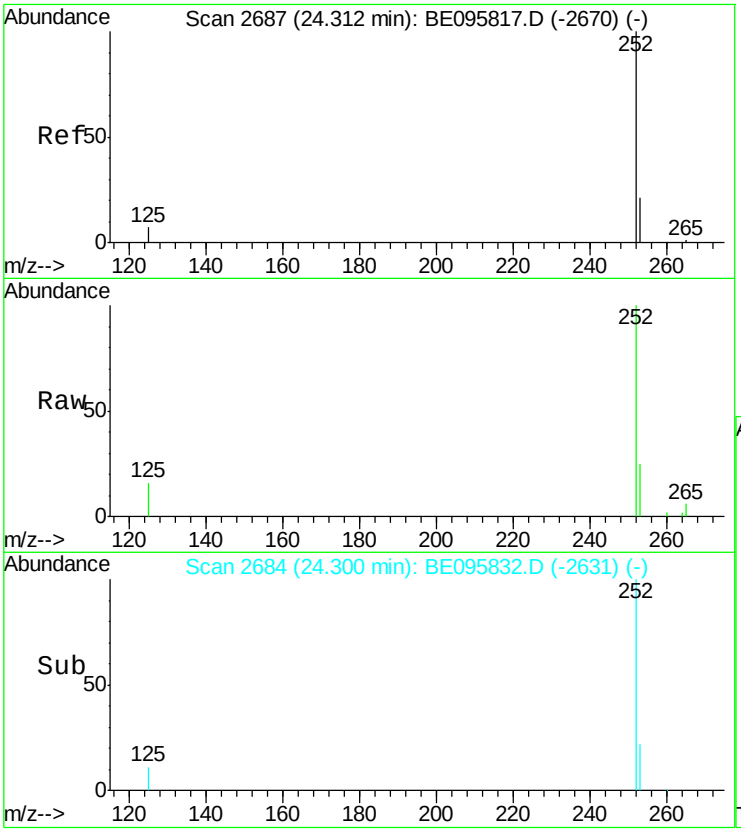


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:252 Resp: 9999

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	12.4	8.0	12.0#



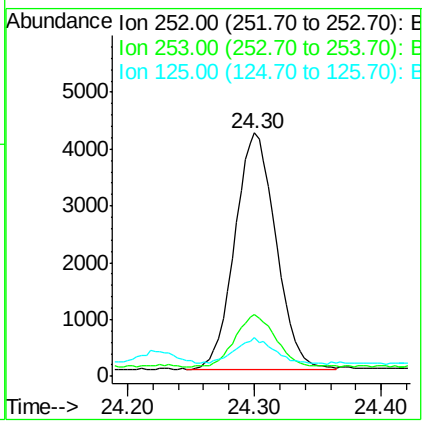


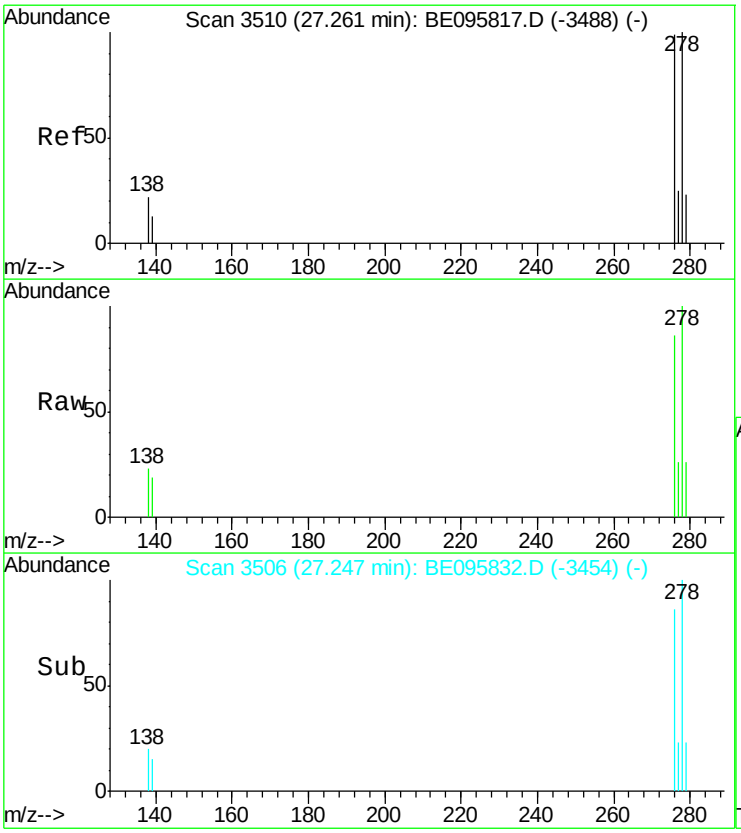
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 24.30 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9405

Ion	Ratio	Lower	Upper
252	100		
253	25.2	16.0	24.0#
125	16.1	12.0	18.0

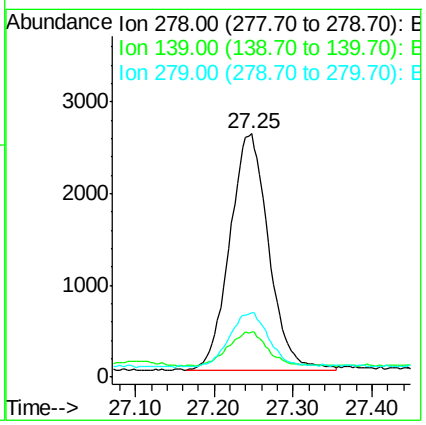


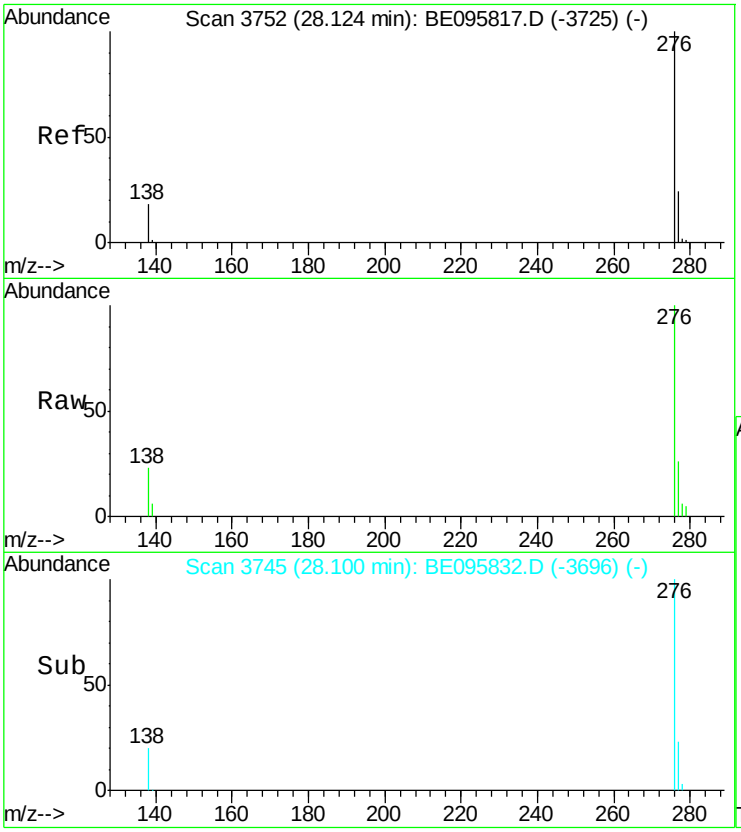


#38
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 27.25 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Tgt Ion:278 Resp: 8839

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	26.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 28.10 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BE095832.D
Acq: 26 Mar 2018 9:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8928

Ion	Ratio	Lower	Upper
276	100		
277	26.4	16.0	24.0#
138	23.3	20.0	30.0