Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097540.D
Acq On : 19 Sep 2018 14:58
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 15:49:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	784	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	3621	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2089	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5928	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8931	0.40	ng		0.00
34) Perylene-d12	23.20	264	8622	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3618	1.36	ng		0.00
5) Phenol-d6	6.59	99	4814	1.43	ng		0.00
8) Nitrobenzene-d5	8.51	82	4492	1.54	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	8046	1.55	ng		-0.01
14) 2,4,6-Tribromophenol	15.51	330	1457	1.32	ng		-0.02
15) 2-Fluorobiphenyl	12.61	172	11646	1.60	ng		-0.02
25) Fluoranthene-d10	18.80	212	119469	1.68	ng		0.00
29) Terphenyl-d14	19.41	244	25913	1.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	1965	1.449	ng	#	86
3) n-Nitrosodimethylamine	3.36	42	1878	1.657	ng	#	92
6) bis(2-Chloroethyl)ether	6.82	93	4362	1.620	ng		87
9) Naphthalene	10.17	128	51853	1.577	ng		99
10) Hexachlorobutadiene	10.46	225	2371	1.520	ng		98
12) 2-Methylnaphthalene	11.79	142	8332	1.585	ng		99
16) Acenaphthylene	13.71	152	13766	1.515	ng		99
17) Acenaphthene	14.06	154	8913	1.589	ng		97
18) Fluorene	15.05	166	11674	1.633	ng	#	80
20) 4-Bromophenyl-phenylether	15.95	248	4275	1.494	ng	#	77
21) Hexachlorobenzene	16.07	284	4718	1.555	ng	#	84
22) Pentachlorophenol	16.43	266	1726	3.276	ng	#	73
23) Phenanthrene	16.79	178	22345	1.603	ng		98
24) Anthracene	16.88	178	20246	1.573	ng		96
26) Fluoranthene	18.83	202	31583	1.737	ng		98
28) Pyrene	19.19	202	32631	1.420	ng		100
30) Benzo(a)anthracene	20.94	228	37130	1.581	ng		97
31) Chrysene	21.00	228	37206	1.544	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	55712	1.116	ng		100
33) Indeno(1,2,3-cd)pyrene	25.49	276	45473	1.583	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	36389	1.651	ng	#	86
36) Benzo(k)fluoranthene	22.57	252	40091	1.667	ng		96
37) Benzo(a)pyrene	23.10	252	34933	1.595	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	38419	1.682	ng	#	93
39) Benzo(g,h,i)perylene	26.19	276	37340	1.600	ng	#	88

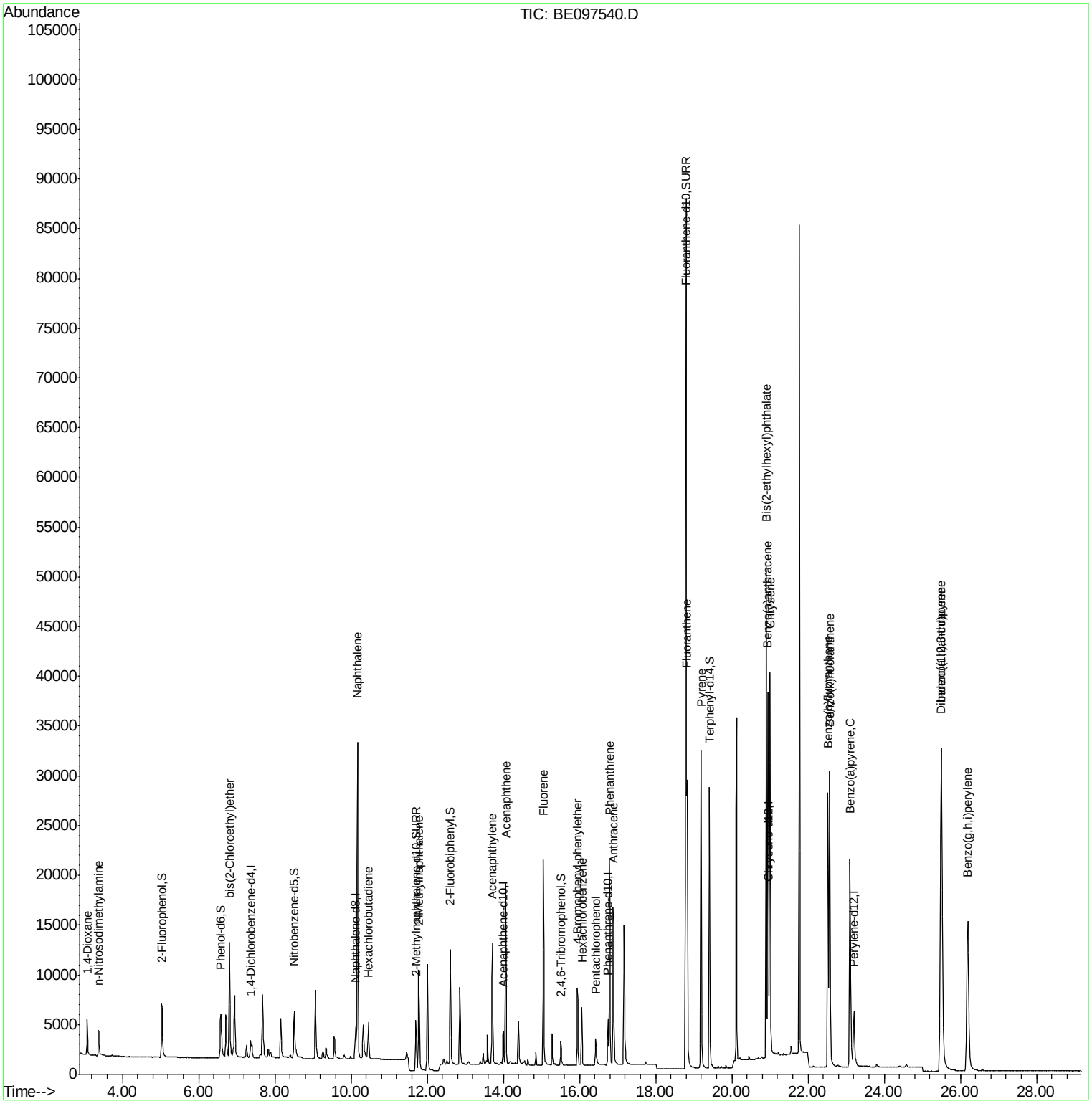
(#) = qualifier out of range (m) = manual integration (+) = signals summed

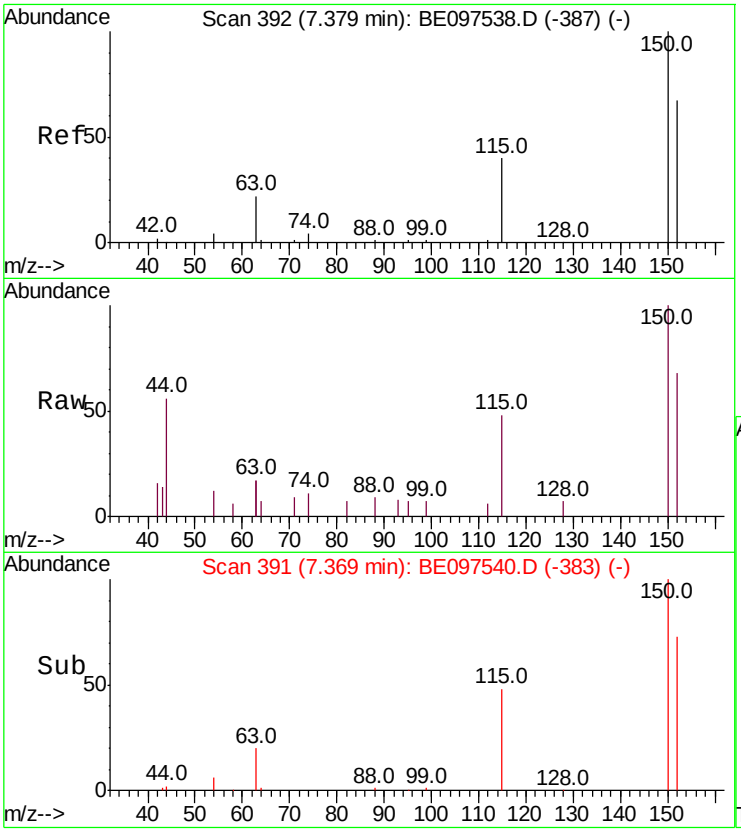
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097540.D
Acq On : 19 Sep 2018 14:58
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 15:49:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 15:47:52 2018
Response via : Initial Calibration



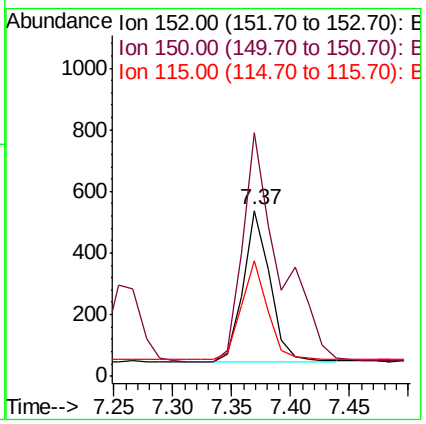


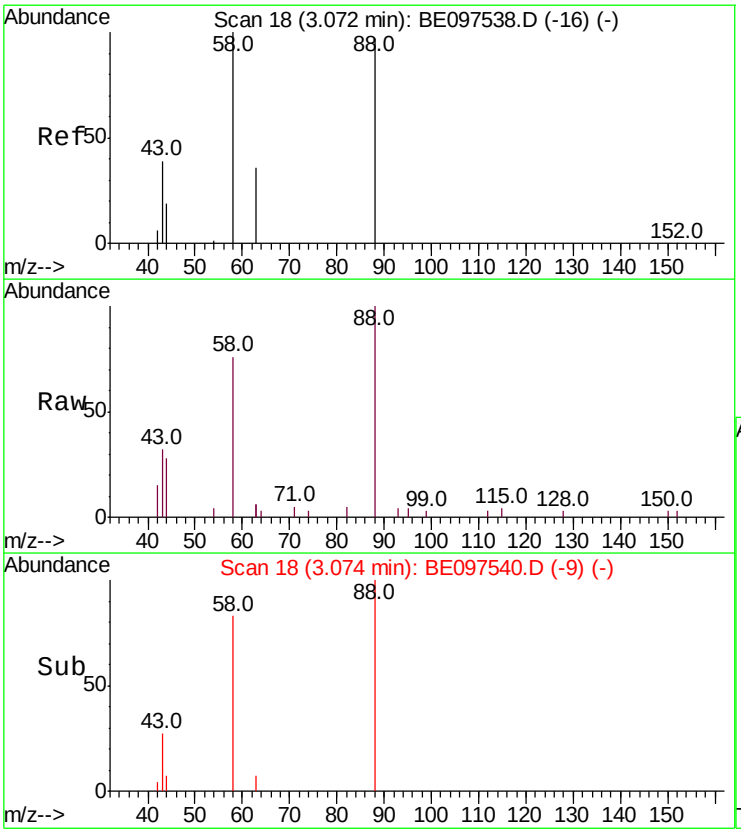
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 784

Ion	Ratio	Lower	Upper
152	100		
150	146.8	117.2	175.8
115	69.9	57.0	85.6

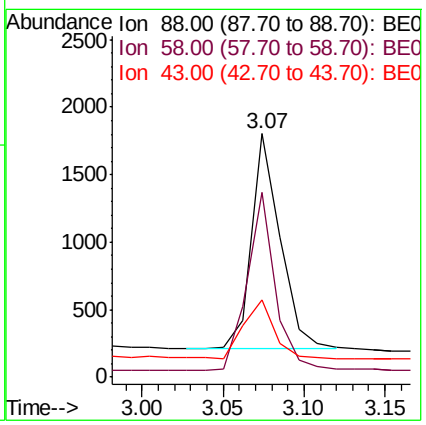


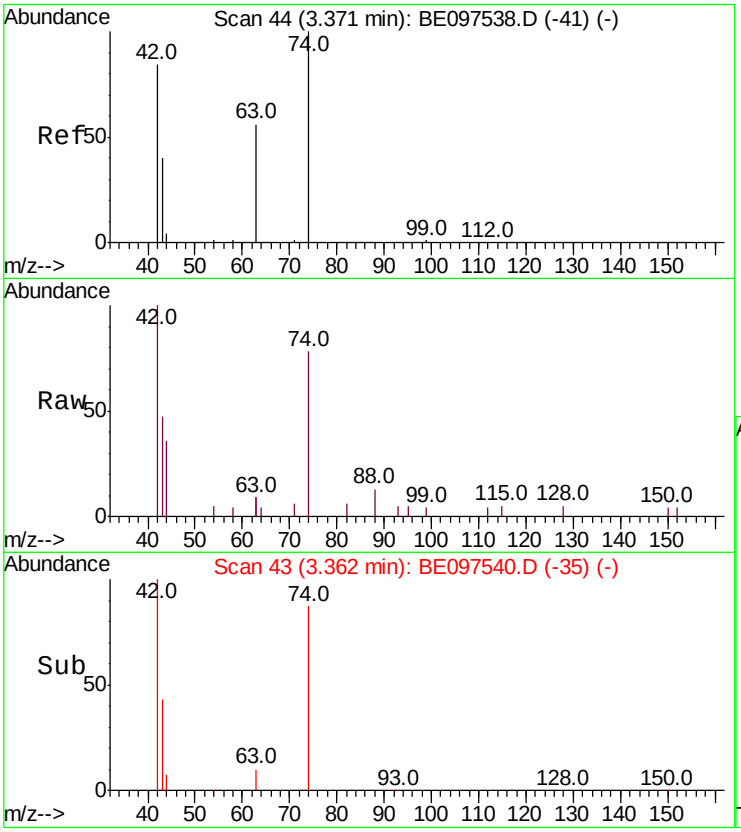


#2
1,4-Dioxane
Concen: 1.449 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion: 88 Resp: 1965

Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.2	94.8
43	28.5	41.2	61.8#



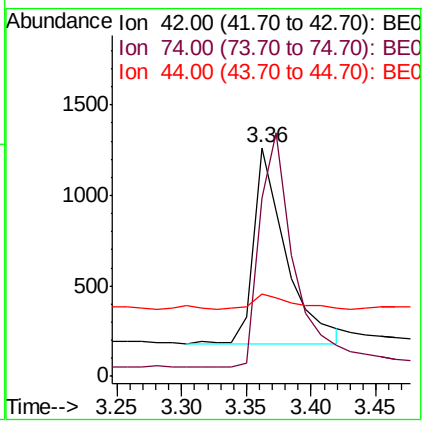


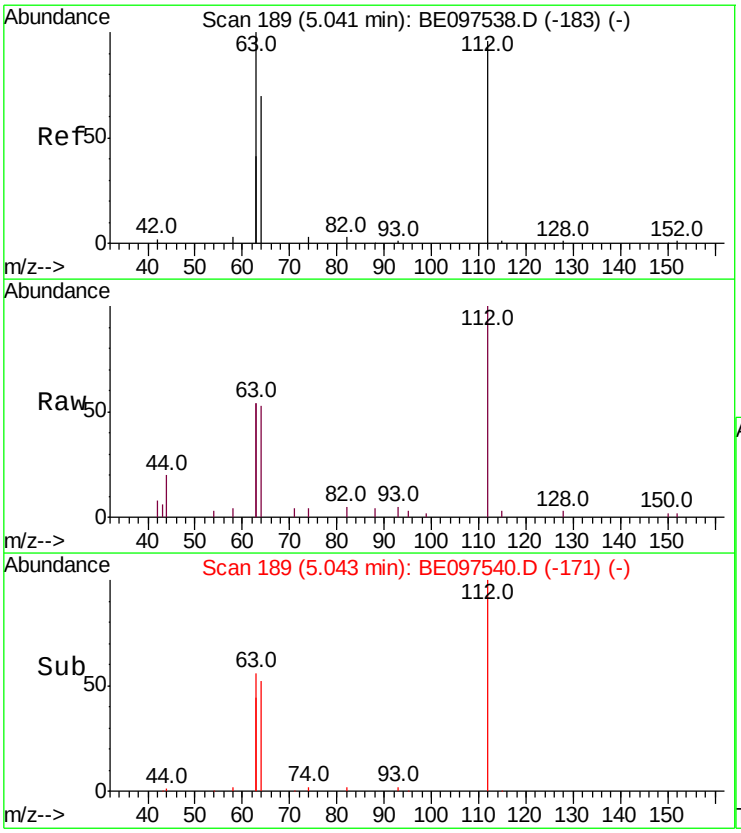
#3
n-Nitrosodimethylamine
Concen: 1.657 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1878

Ion	Ratio	Lower	Upper
42	100		
74	127.6	96.0	144.0
44	7.9	12.0	18.0#

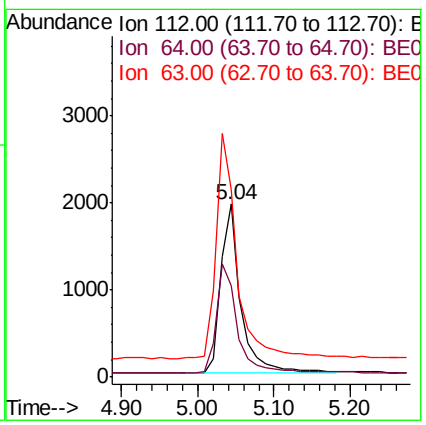


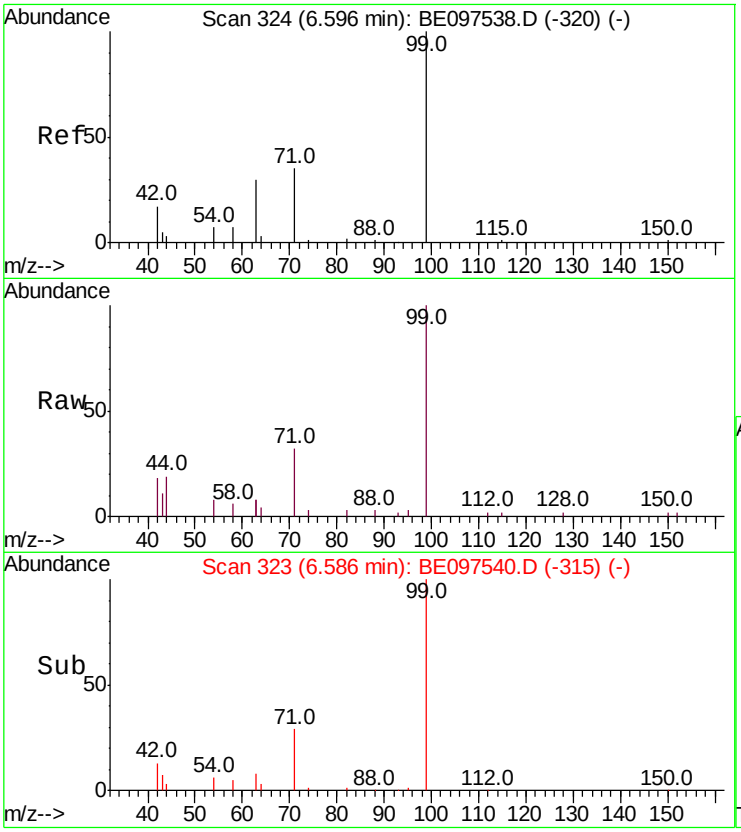


#4
2-Fluorophenol
Concen: 1.363 ng
RT: 5.04 min Scan# 189
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:112 Resp: 3618

Ion	Ratio	Lower	Upper
112	100		
64	66.6	60.1	90.1
63	135.8	116.8	175.2



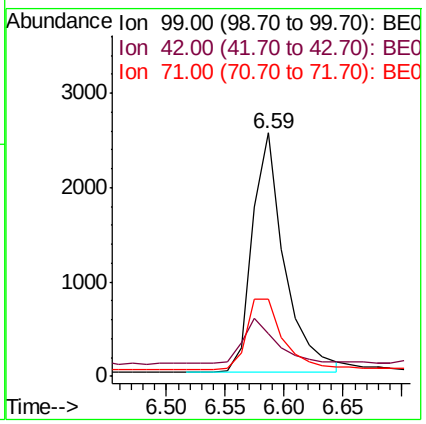


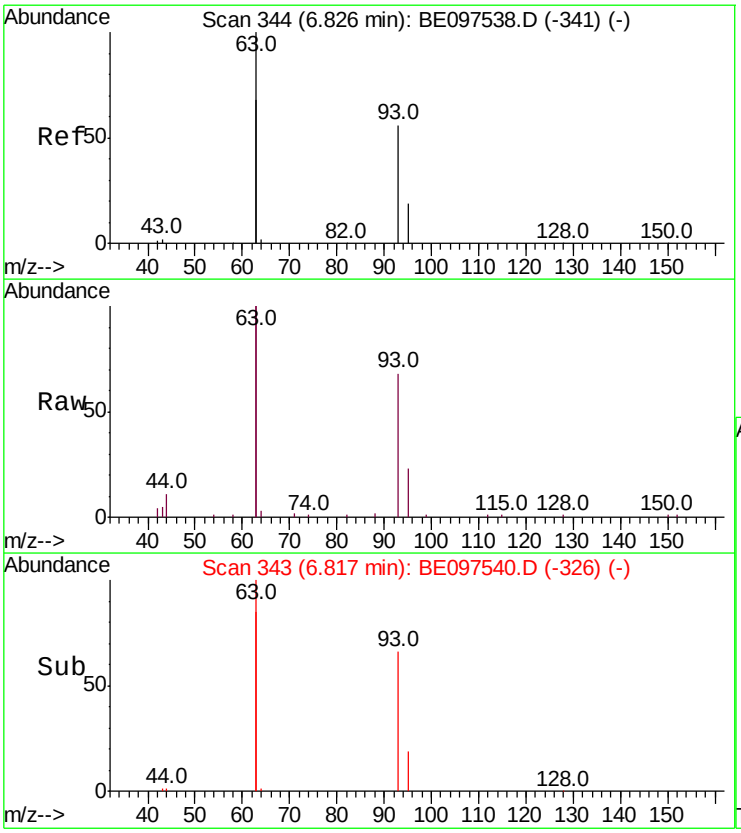
#5
Phenol-d6
Concen: 1.429 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4814

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.2	30.2#
71	34.0	28.4	42.6

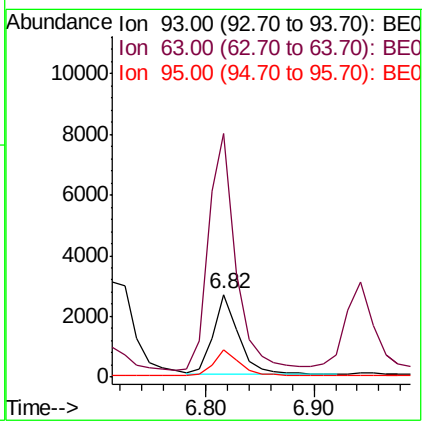


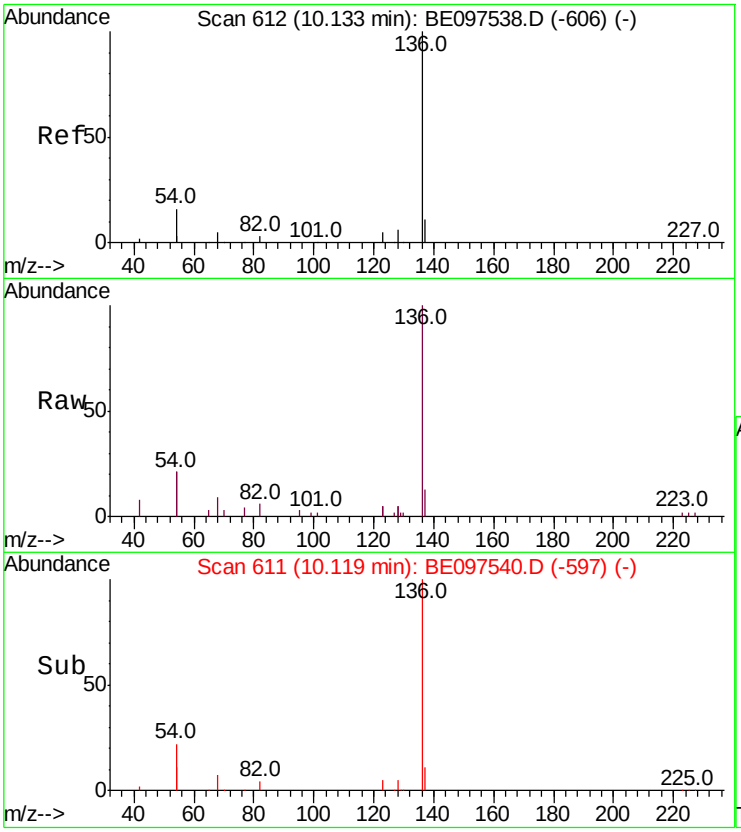


#6
bis(2-Chloroethyl)ether
Concen: 1.620 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion: 93 Resp: 4362

Ion	Ratio	Lower	Upper
93	100		
63	314.9	275.3	412.9
95	31.9	25.2	37.8



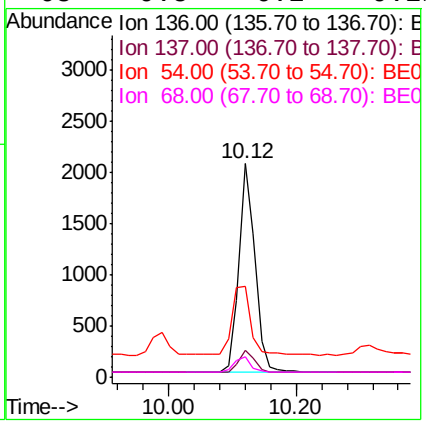


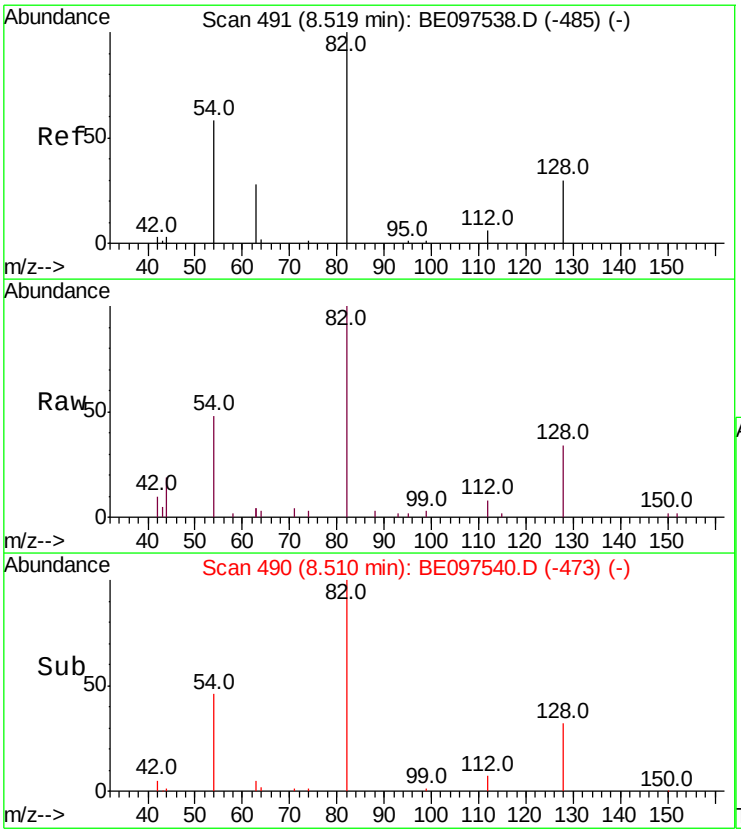
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3621

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	42.7	29.1	43.7
68	9.5	6.2	9.2#

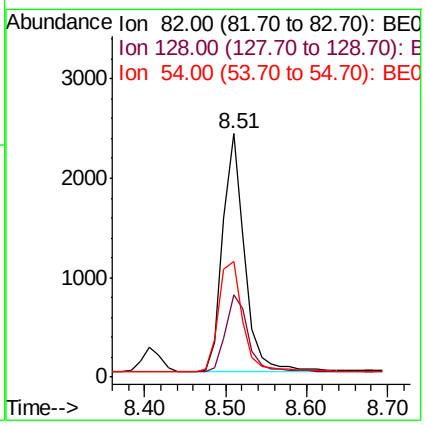


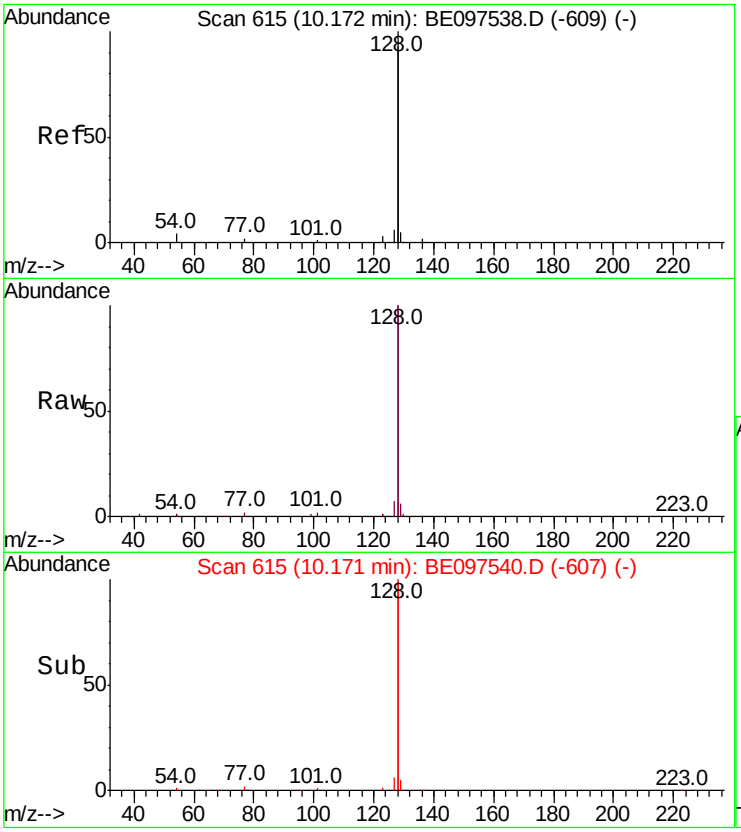


#8
Nitrobenzene-d5
Concen: 1.542 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion: 82 Resp: 4492

Ion	Ratio	Lower	Upper
82	100		
128	33.9	24.0	36.0
54	47.7	40.0	60.0



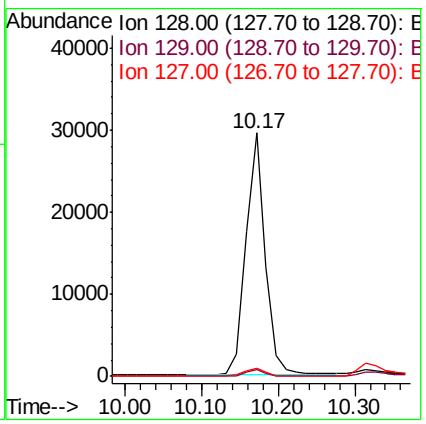


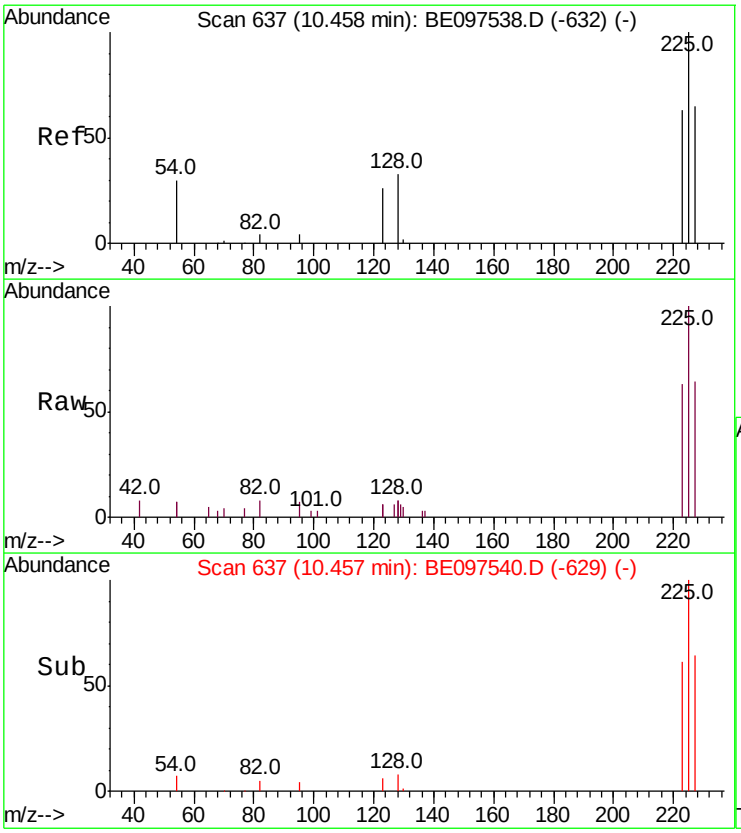
#9
Naphthalene
Concen: 1.577 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 51853

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.3	2.8	4.2

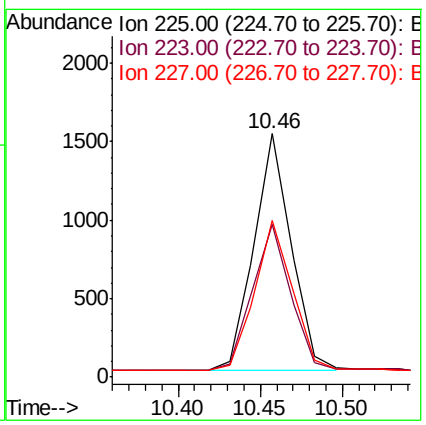


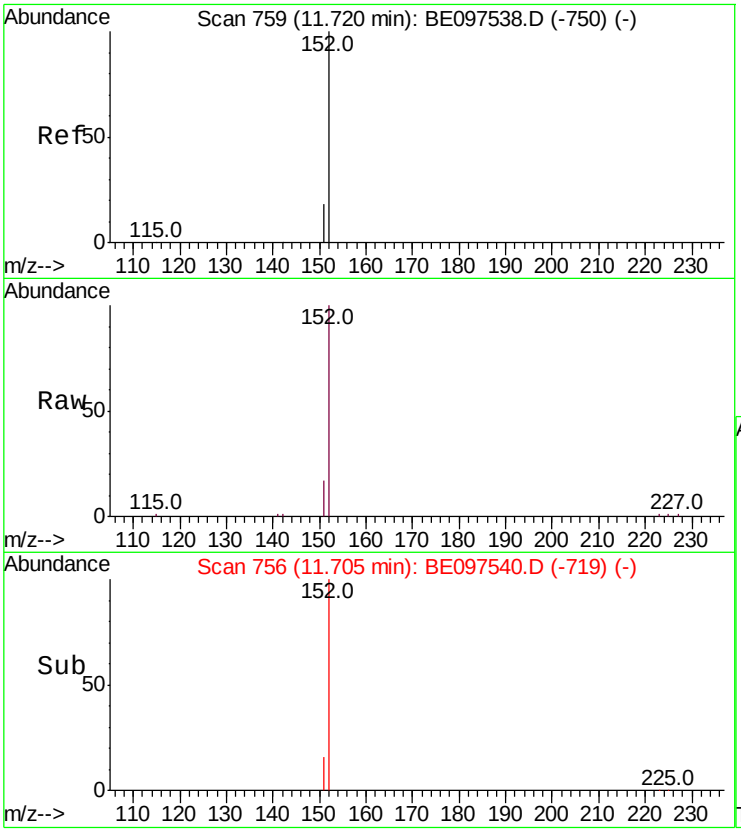


#10
Hexachlorobutadiene
Concen: 1.520 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:225 Resp: 2371

Ion	Ratio	Lower	Upper
225	100		
223	62.8	53.0	79.6
227	63.9	51.4	77.2



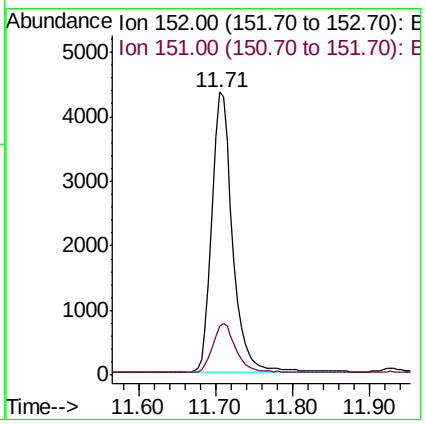


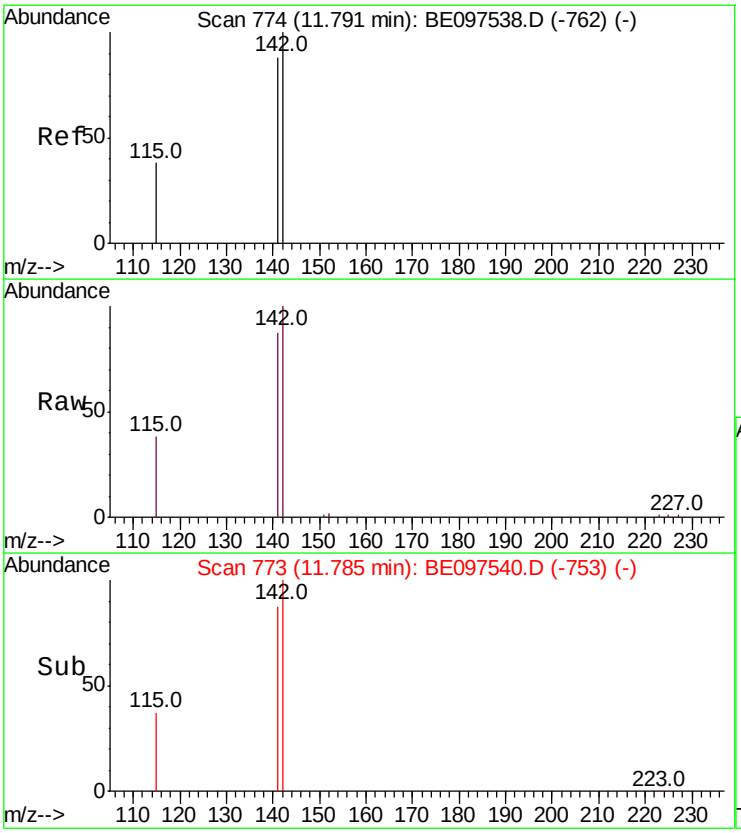
#11
2-Methylnaphthalene-d10
Concen: 1.555 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8046

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

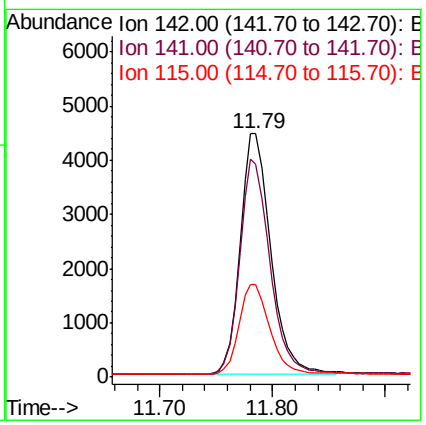


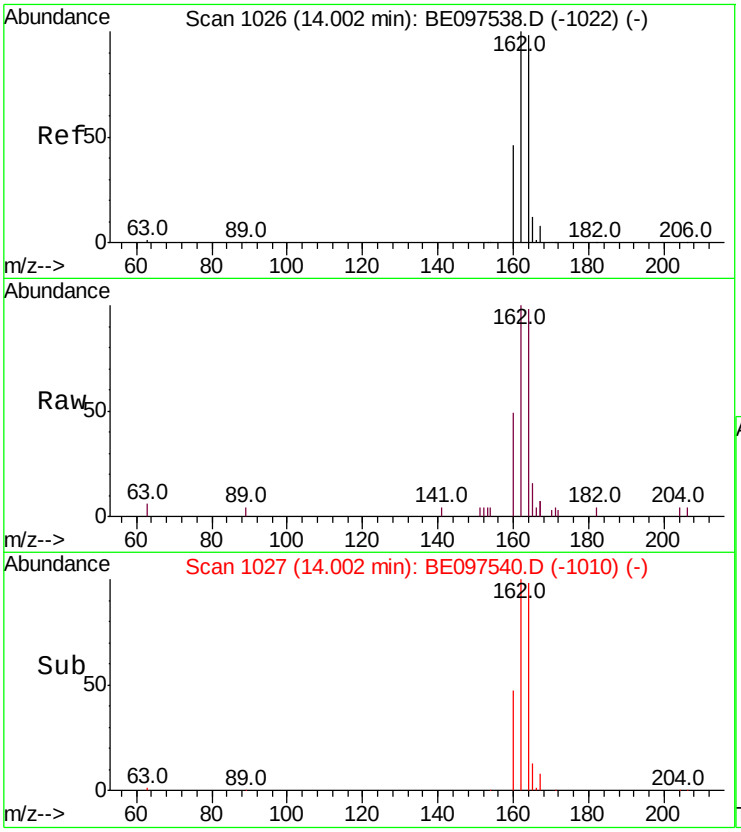


#12
2-Methylnaphthalene
Concen: 1.585 ng
RT: 11.79 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:142 Resp: 8332

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	38.2	31.7	47.5



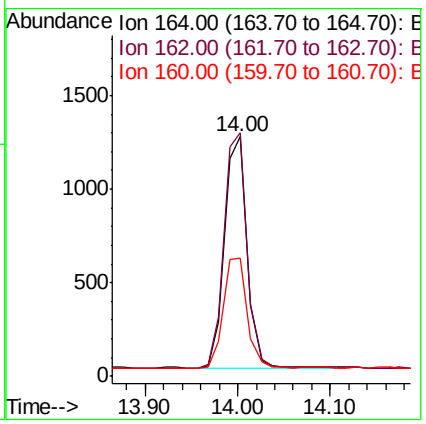


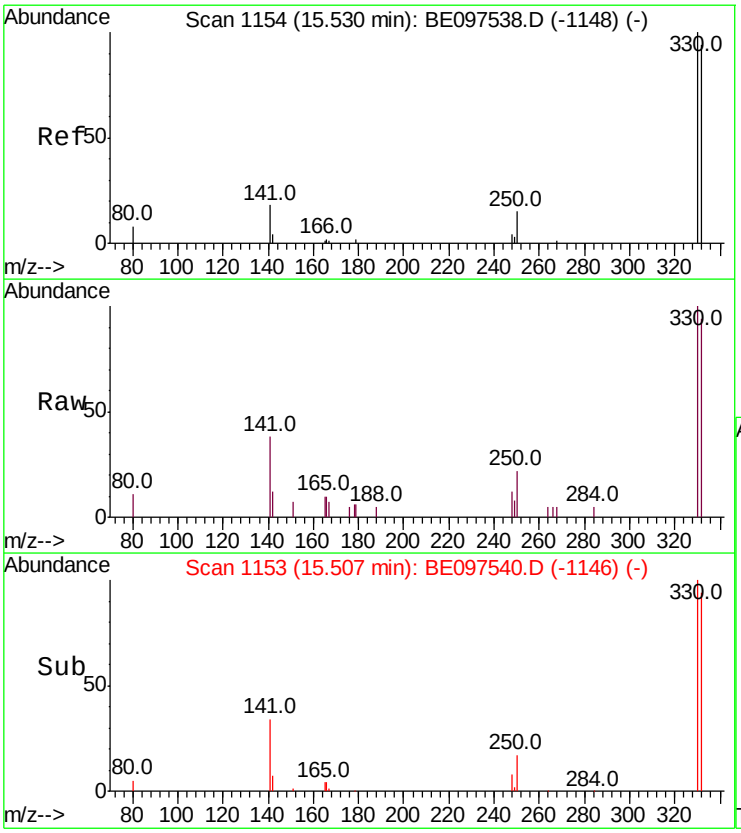
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2089

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.1	124.7
160	49.3	37.1	55.7

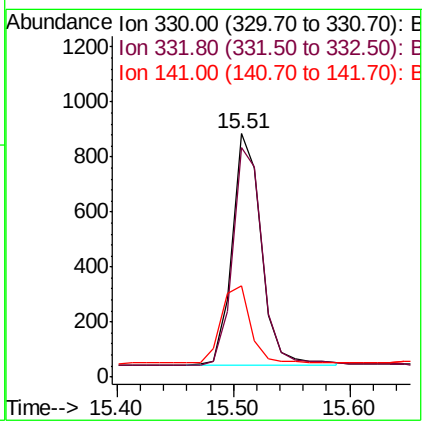


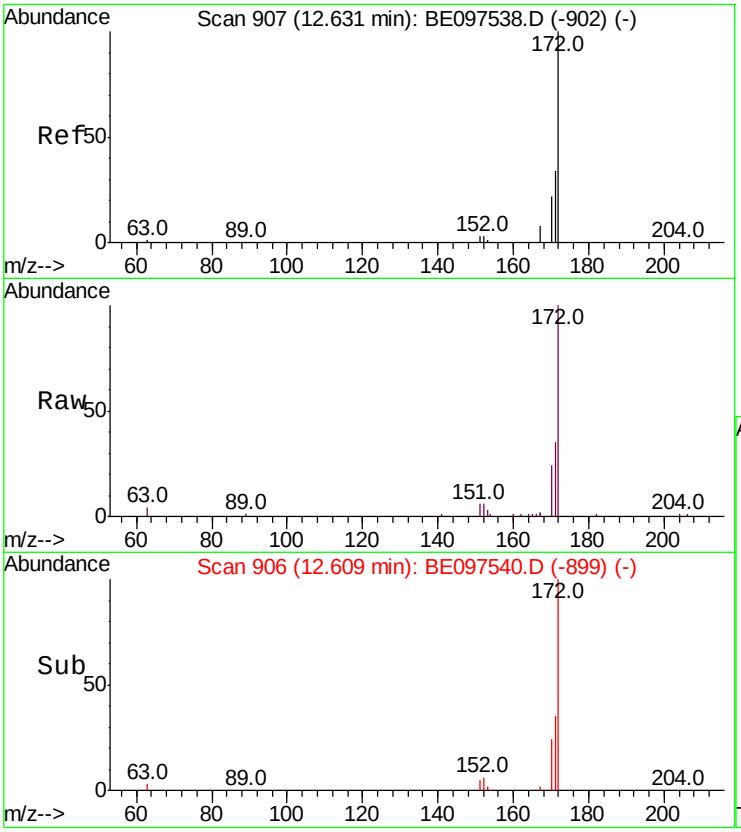


#14
2,4,6-Tribromophenol
Concen: 1.321 ng
RT: 15.51 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:330 Resp: 1457

Ion	Ratio	Lower	Upper
330	100		
332	95.9	152.7	229.1#
141	33.8	33.7	50.5



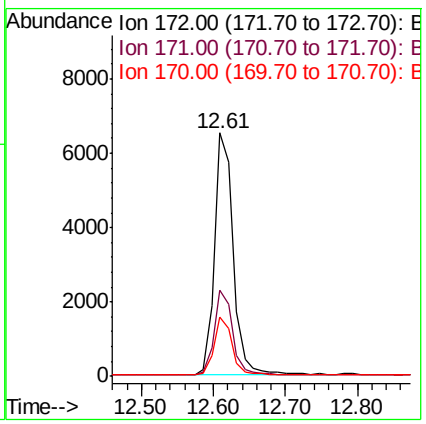


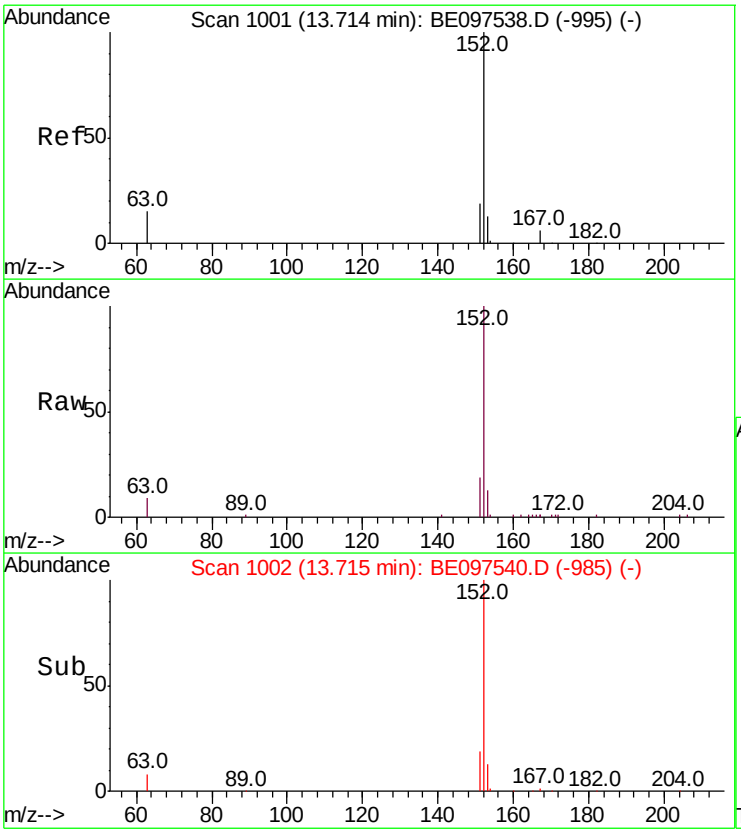
#15
2-Fluorobiphenyl
Concen: 1.596 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.02 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 11646

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	24.5	21.8	32.8

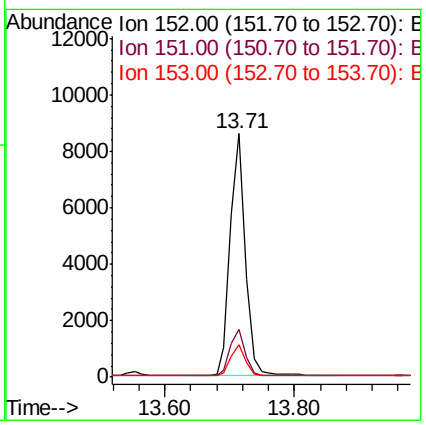


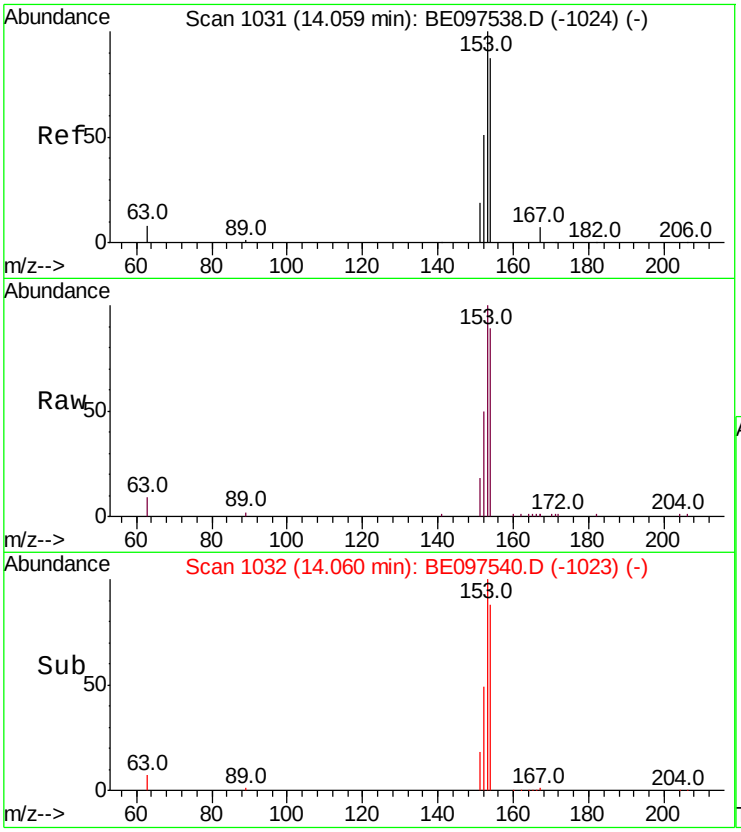


#16
Acenaphthylene
Concen: 1.515 ng
RT: 13.71 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:152 Resp: 13766

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.8	10.5	15.7



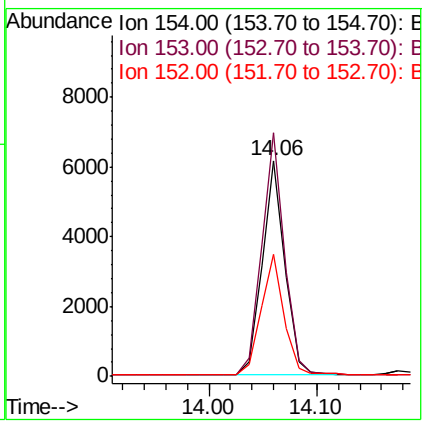


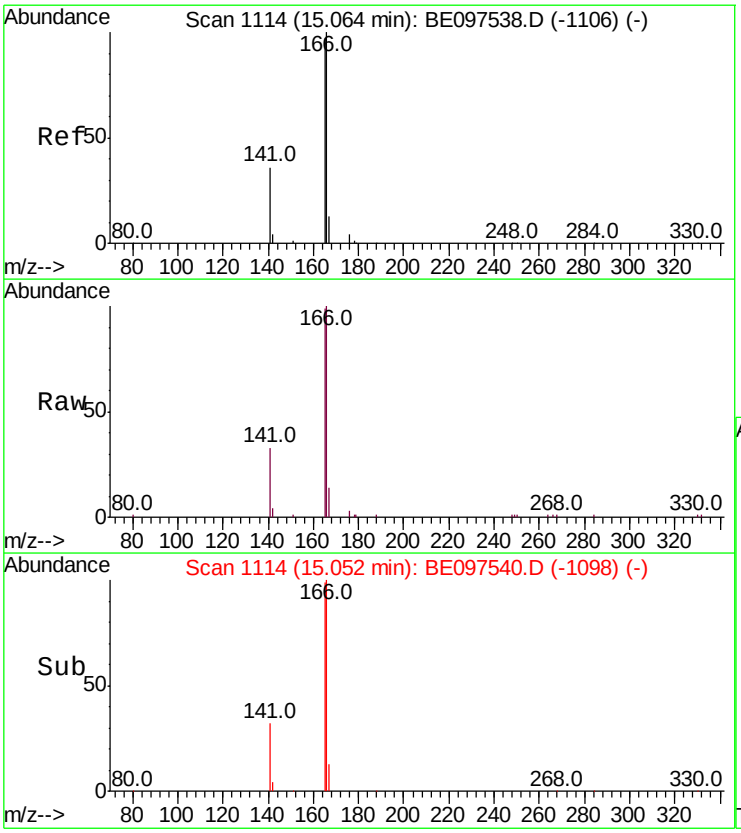
#17
Acenaphthene
Concen: 1.589 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8913

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	56.0	42.0	63.0

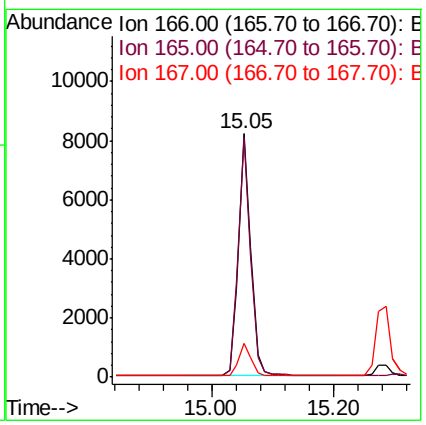


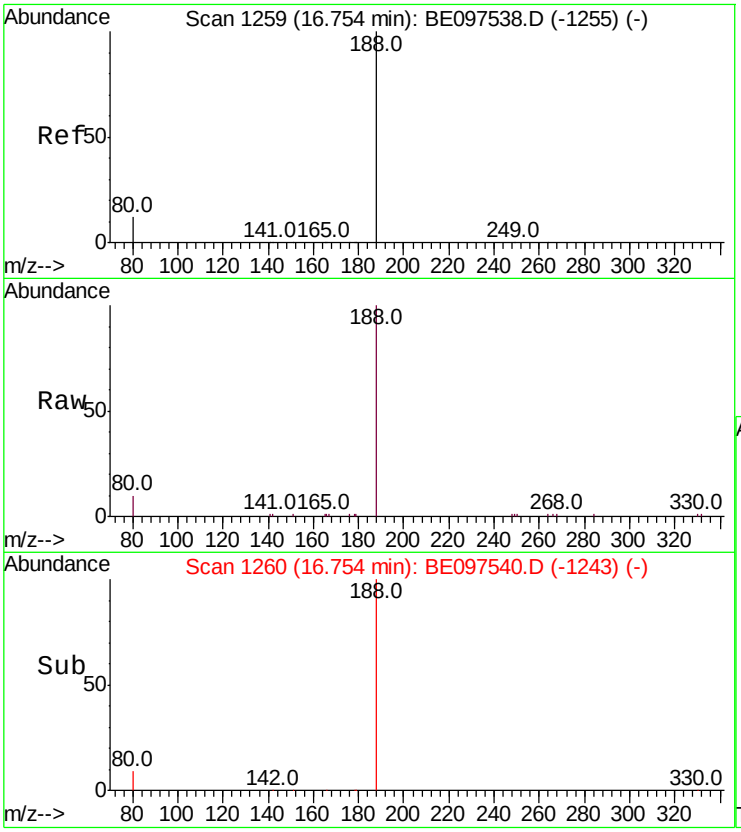


#18
Fluorene
Concen: 1.633 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:166 Resp: 11674

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.7	42.4	63.6#



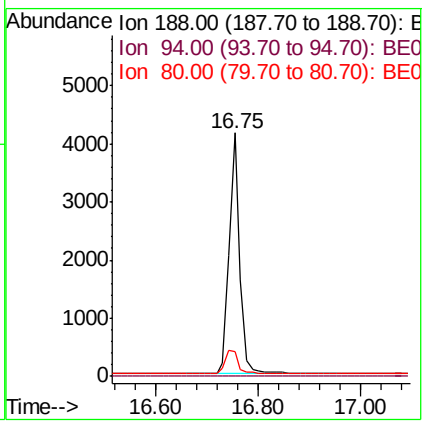


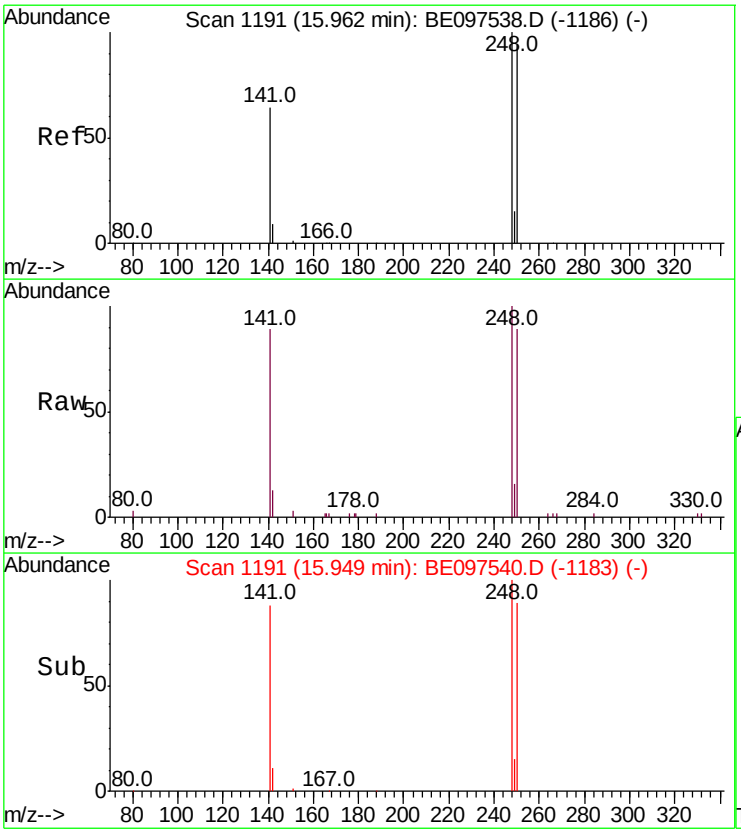
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5928

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.0	3.6	5.4#

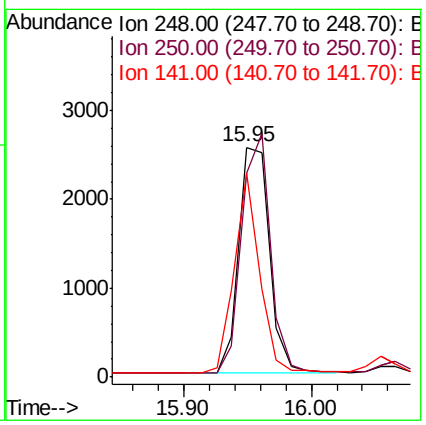


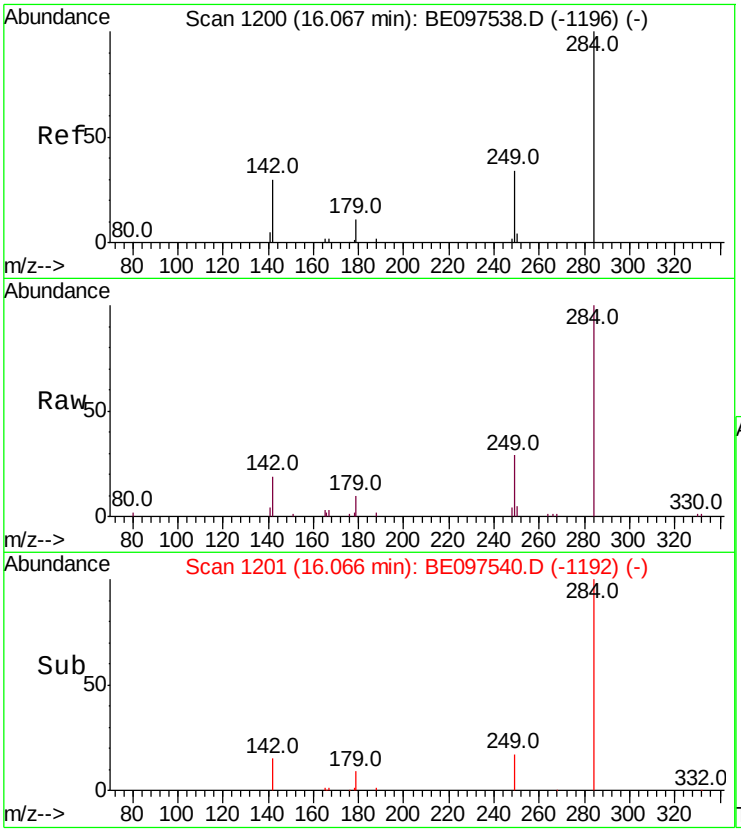


#20
4-Bromophenyl-phenylether
Concen: 1.494 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:248 Resp: 4275

Ion	Ratio	Lower	Upper
248	100		
250	88.7	62.7	94.1
141	88.8	48.2	72.2#



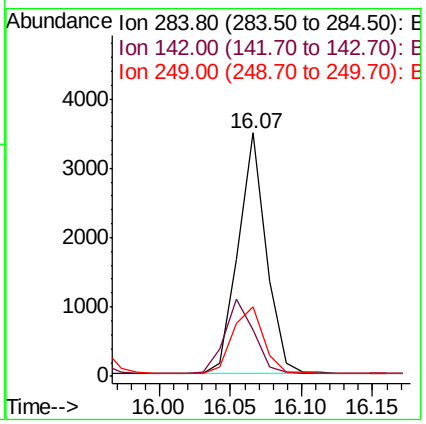


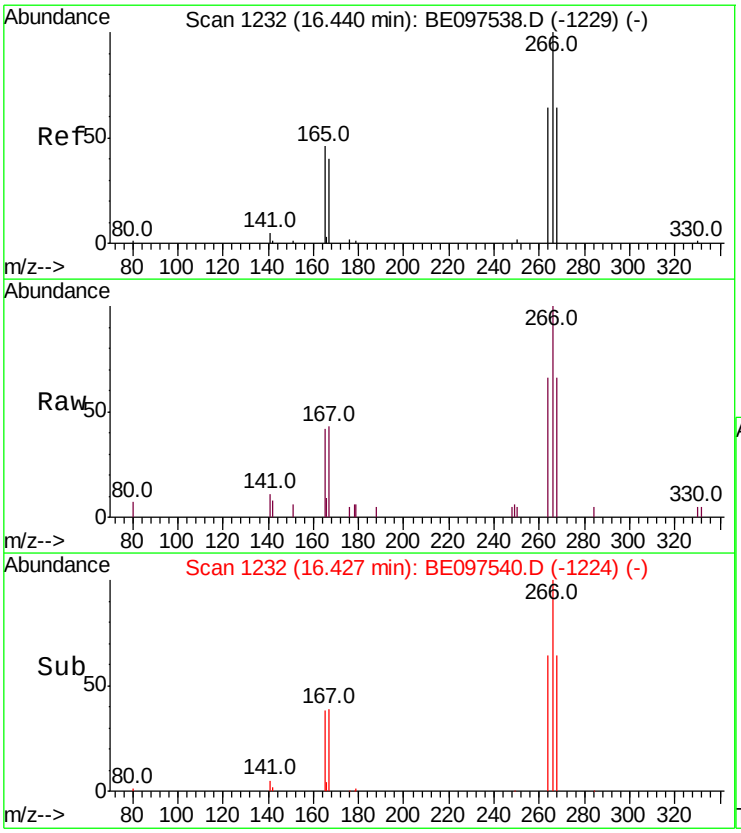
#21
Hexachlorobenzene
Concen: 1.555 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4718

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	30.3	34.8	52.2#

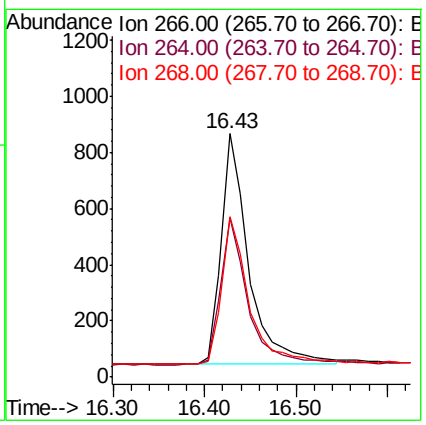


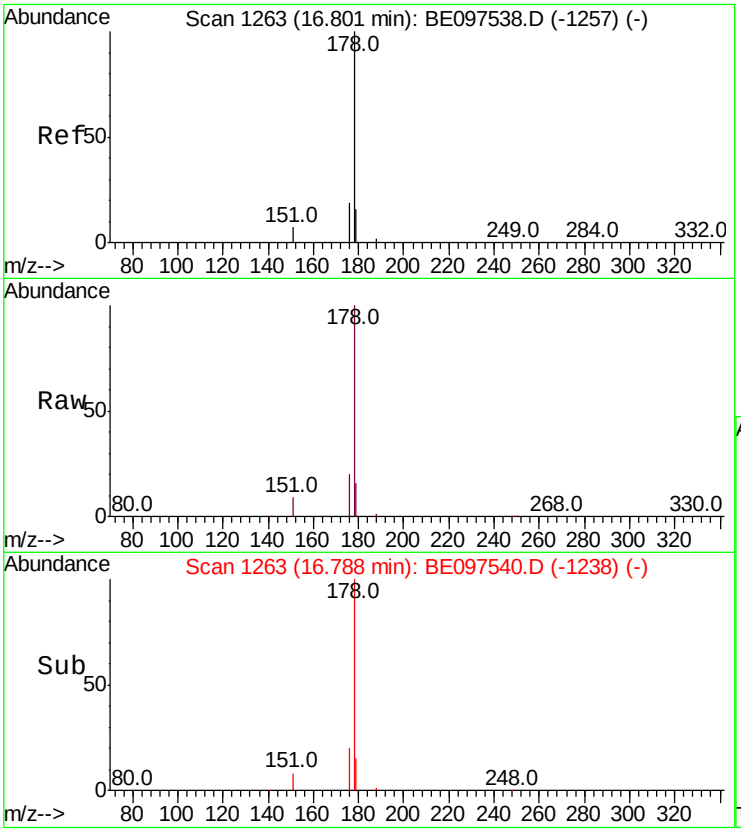


#22
Pentachlorophenol
Concen: 3.276 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:266 Resp: 1726

Ion	Ratio	Lower	Upper
266	100		
264	65.5	72.5	108.7#
268	65.9	73.8	110.6#



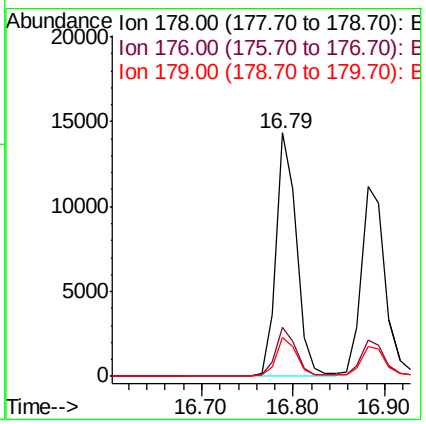


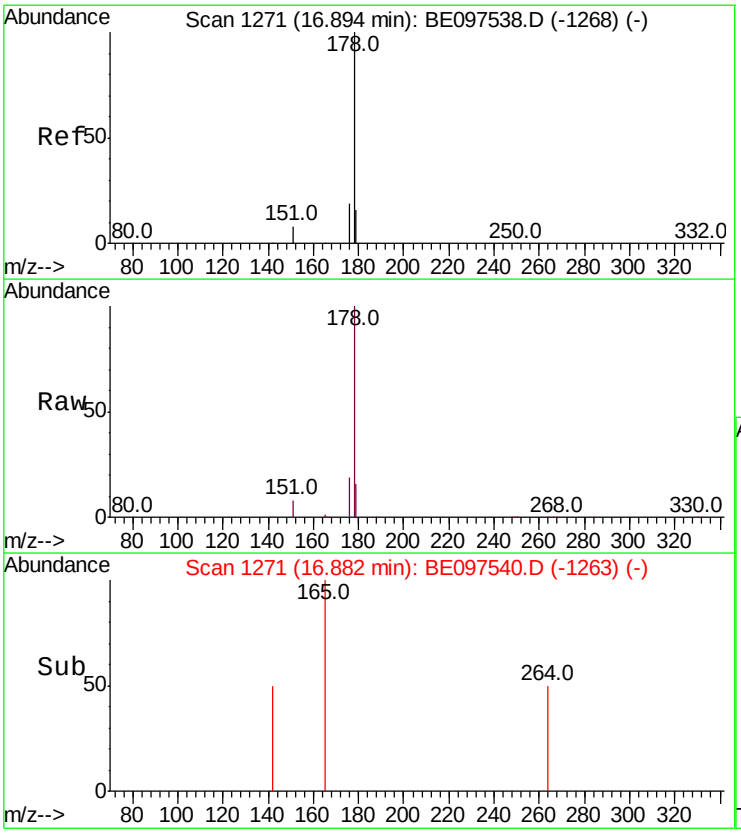
#23
Phenanthrene
Concen: 1.603 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 22345

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.5	11.8	17.6

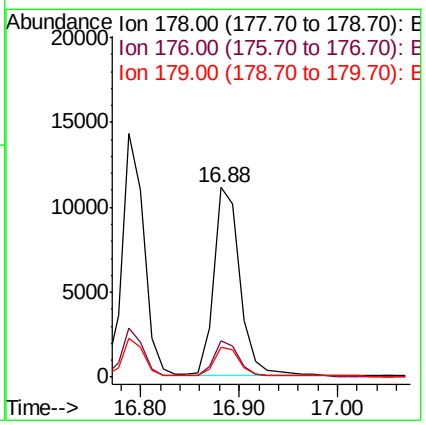


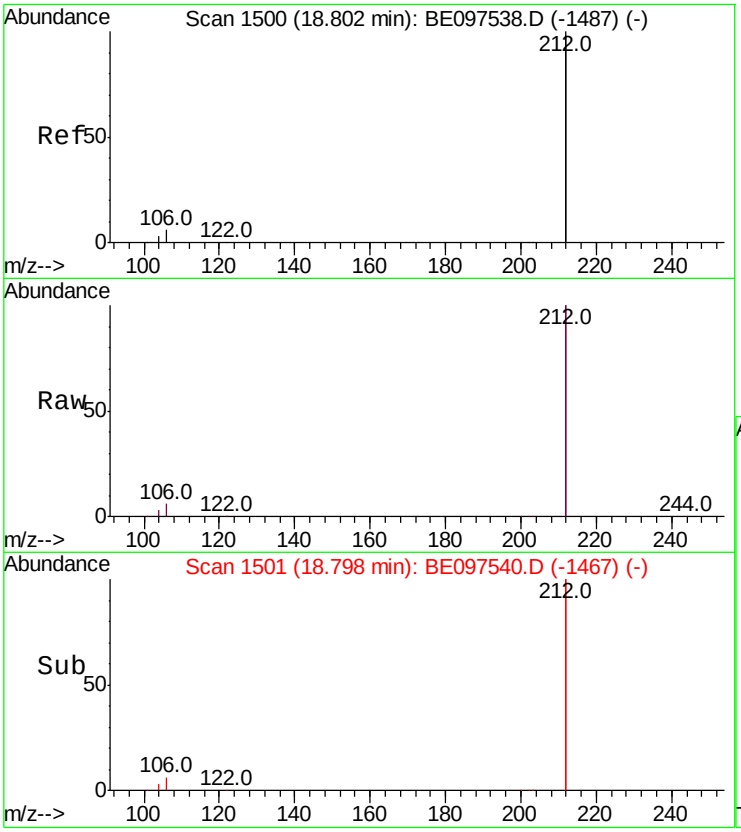


#24
Anthracene
Concen: 1.573 ng
RT: 16.88 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:178 Resp: 20246

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.2	13.0	19.6



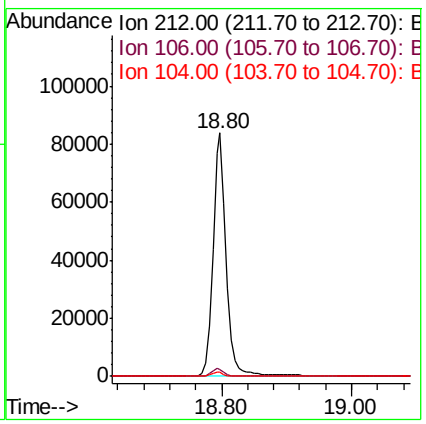


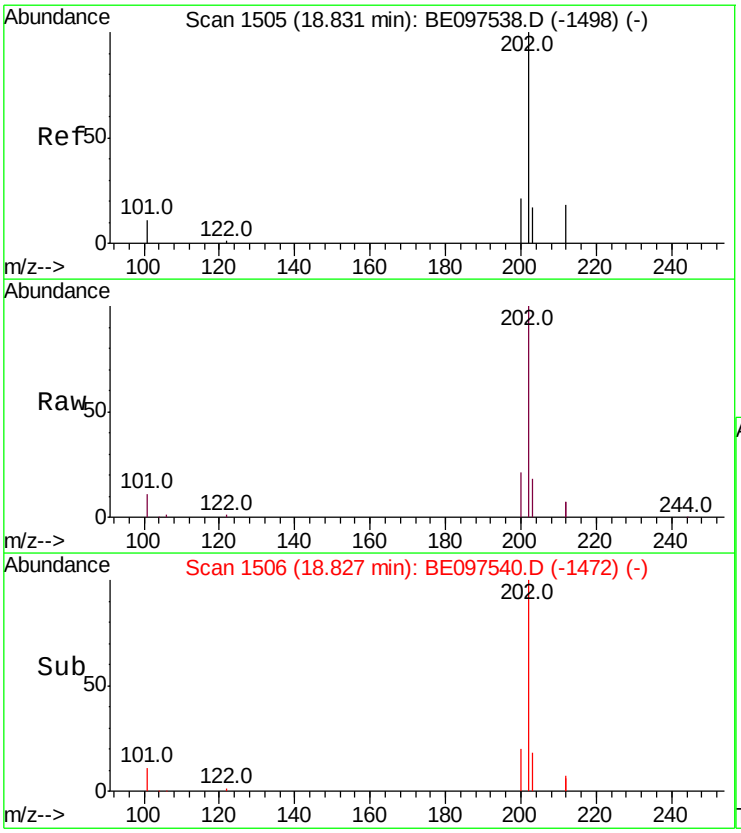
#25
Fluoranthene-d10
Concen: 1.677 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 119469

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

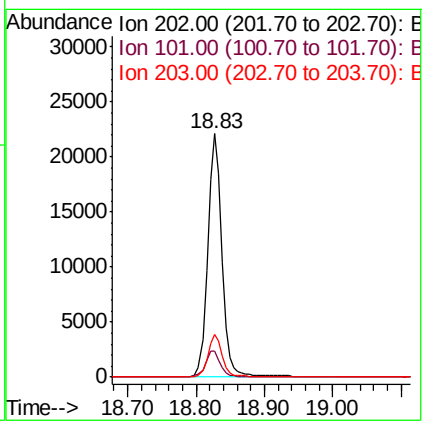


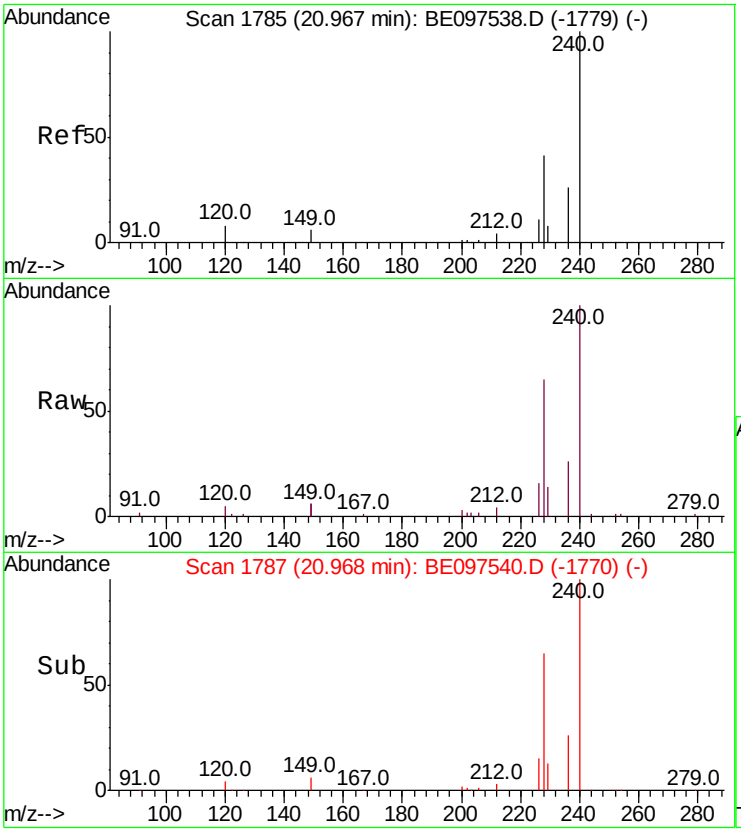


#26
Fluoranthene
Concen: 1.737 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:202 Resp: 31583

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.4	13.7	20.5



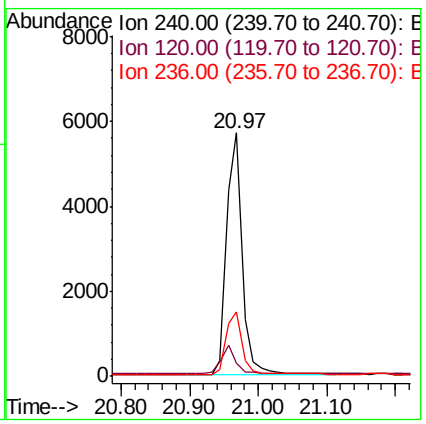


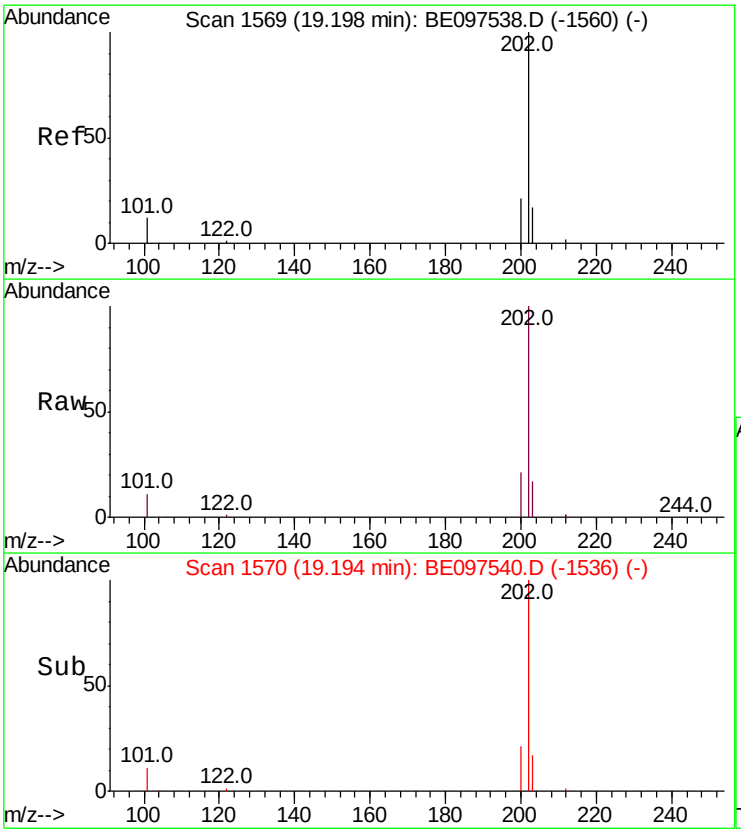
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8931

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.5	8.3#
236	26.2	20.7	31.1

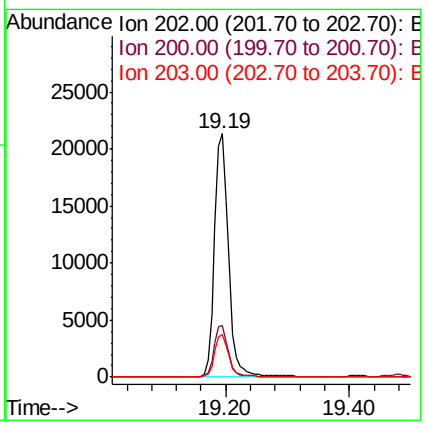


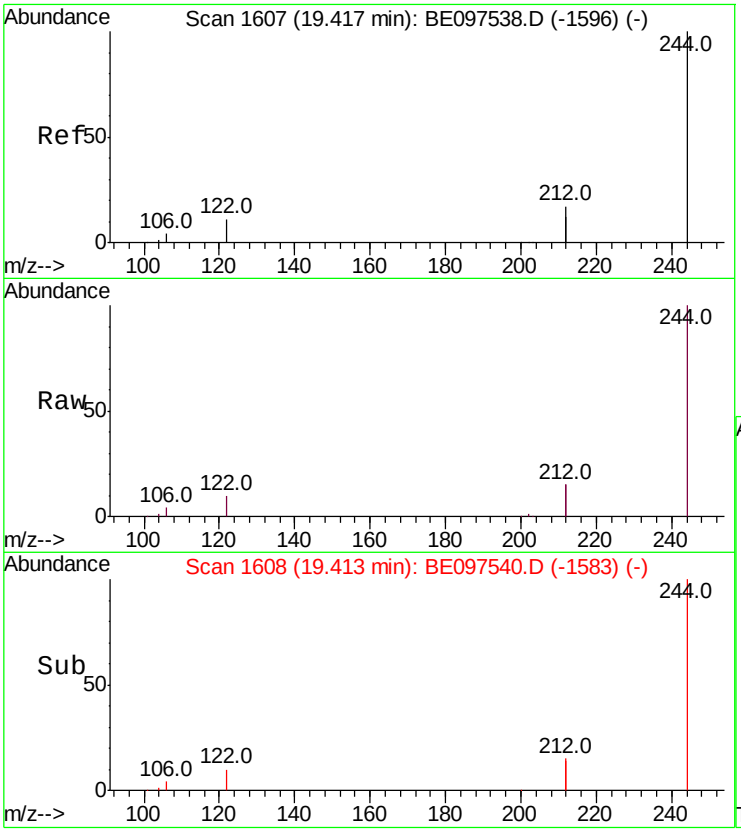


#28
Pyrene
Concen: 1.420 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:202 Resp: 32631

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.3	13.8	20.8



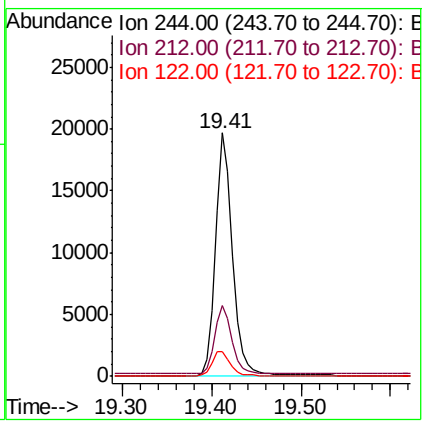


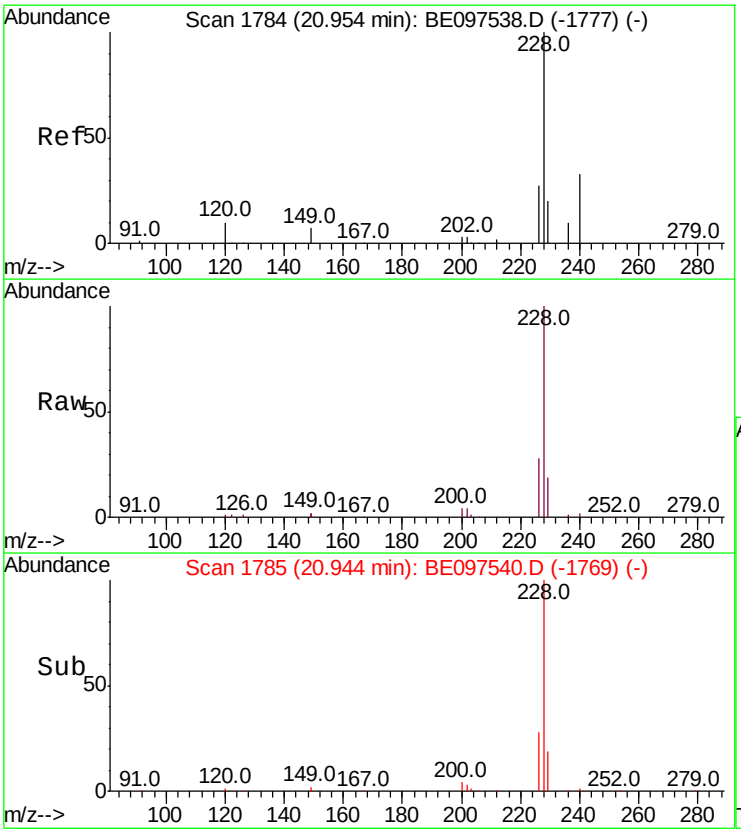
#29
Terphenyl-d14
Concen: 1.517 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25913

Ion	Ratio	Lower	Upper
244	100		
212	29.3	25.4	38.0
122	10.3	8.1	12.1

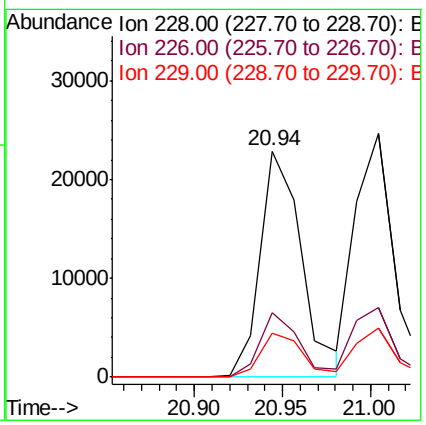


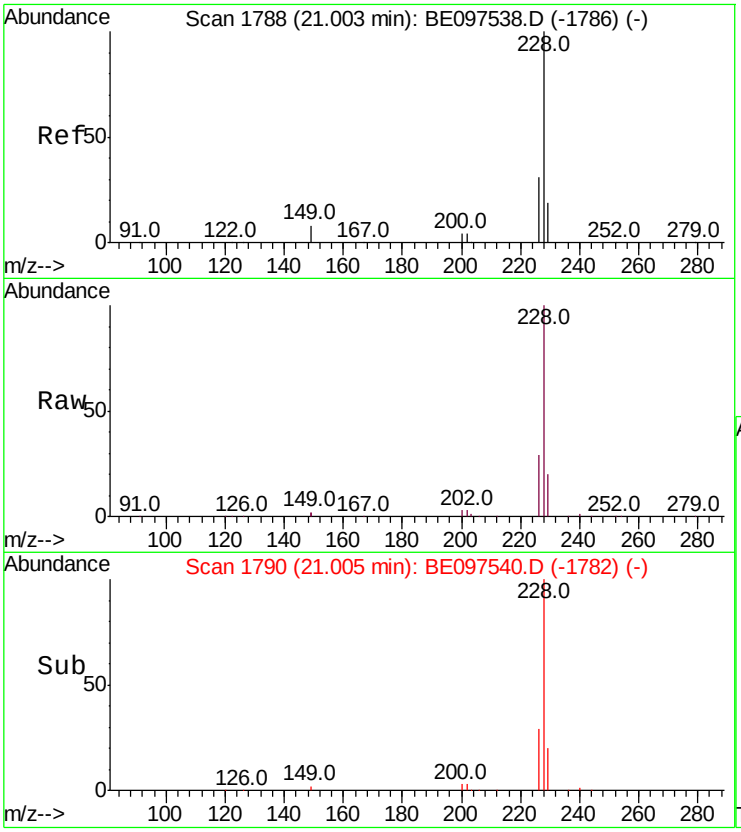


#30
Benzo(a)anthracene
Concen: 1.581 ng
RT: 20.94 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:228 Resp: 37130

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	19.2	16.0	24.0



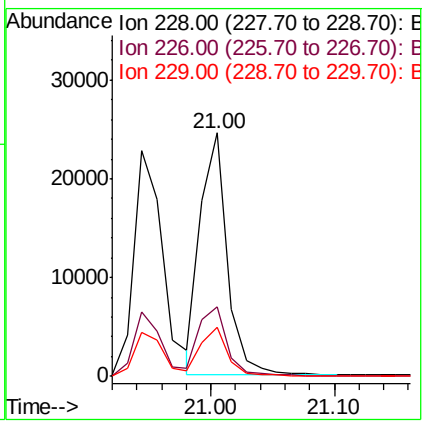


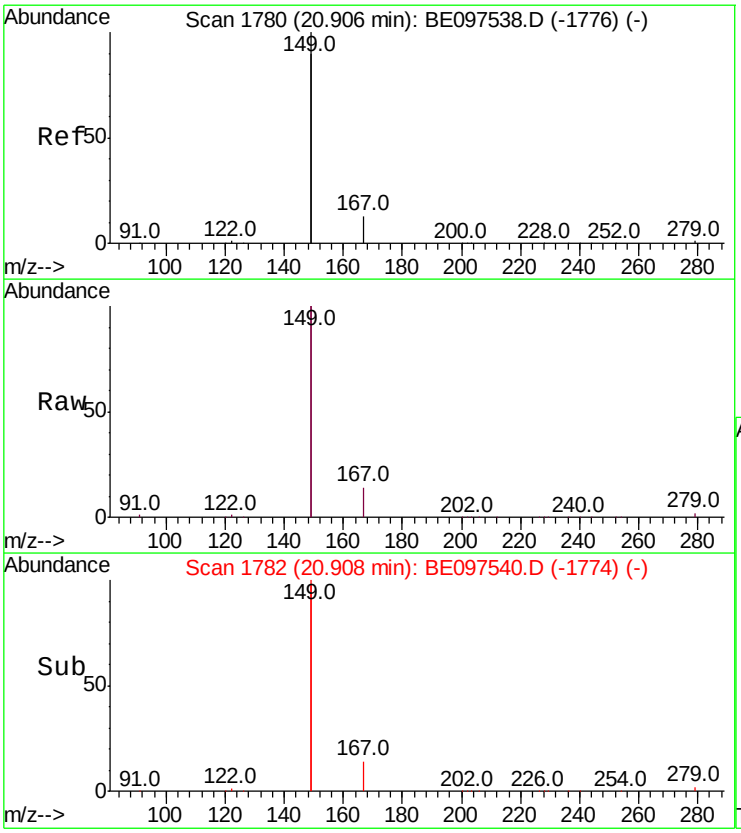
#31
Chrysene
Concen: 1.544 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 37206

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.9	16.0	24.0

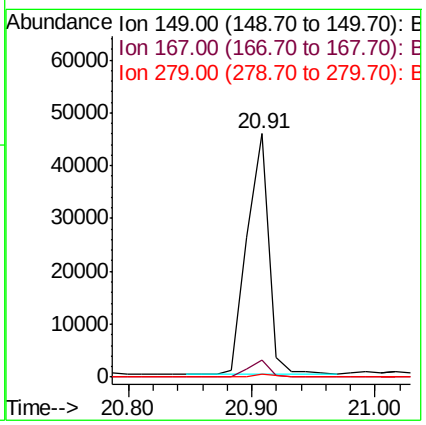


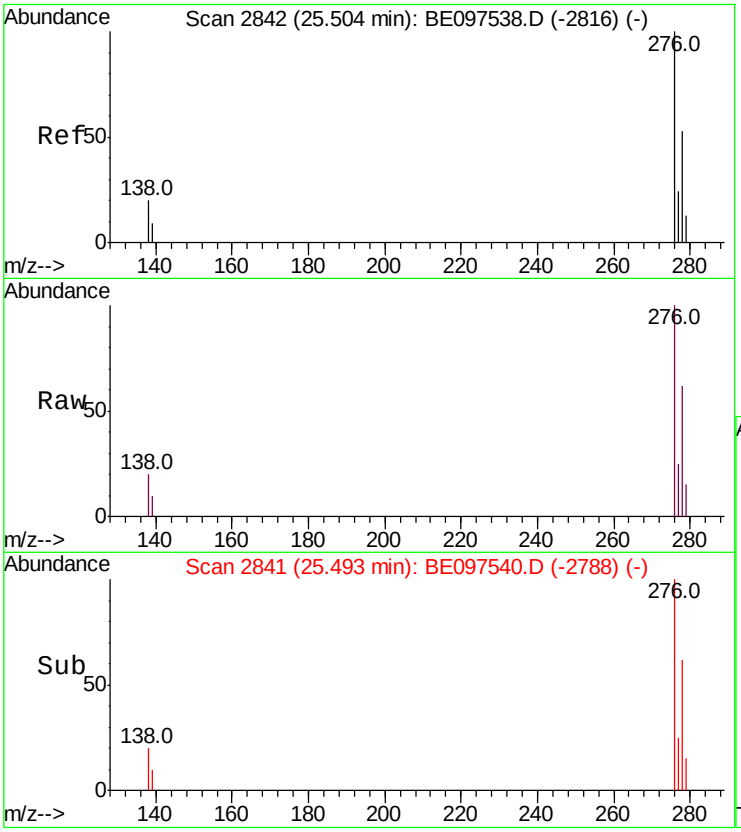


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.116 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:149 Resp: 55712

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1



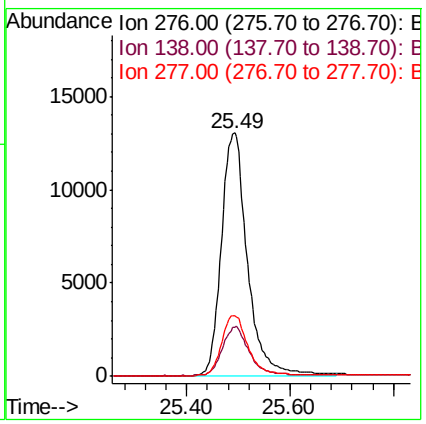


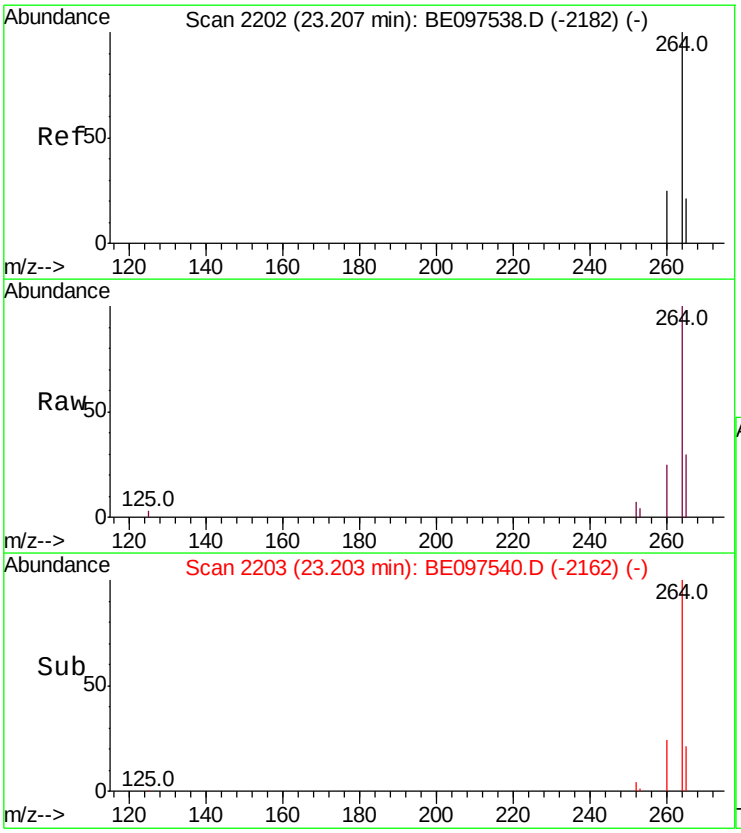
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.583 ng
RT: 25.49 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 45473

Ion	Ratio	Lower	Upper
276	100		
138	20.4	22.5	33.7#
277	25.2	19.9	29.9

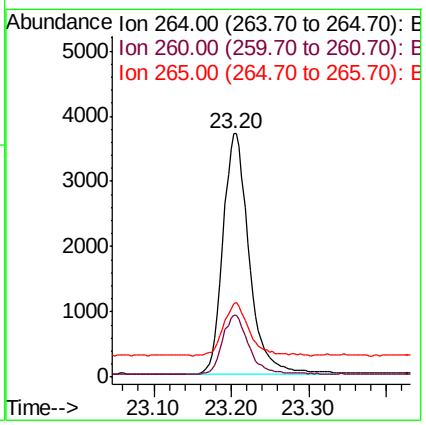


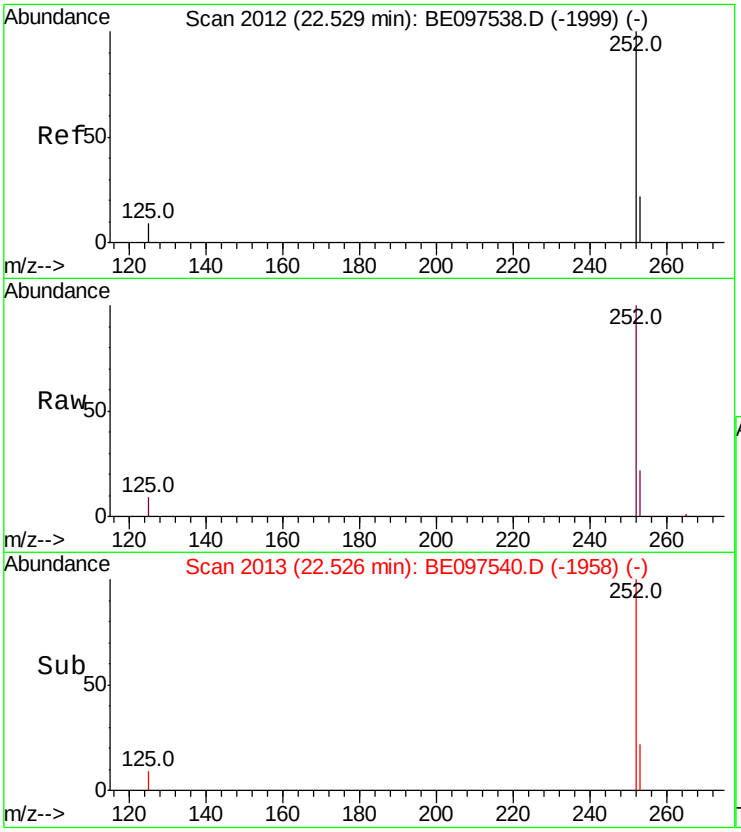


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:264 Resp: 8622

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	29.9	22.8	34.2



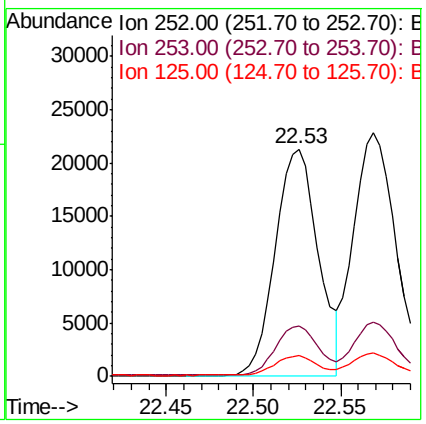


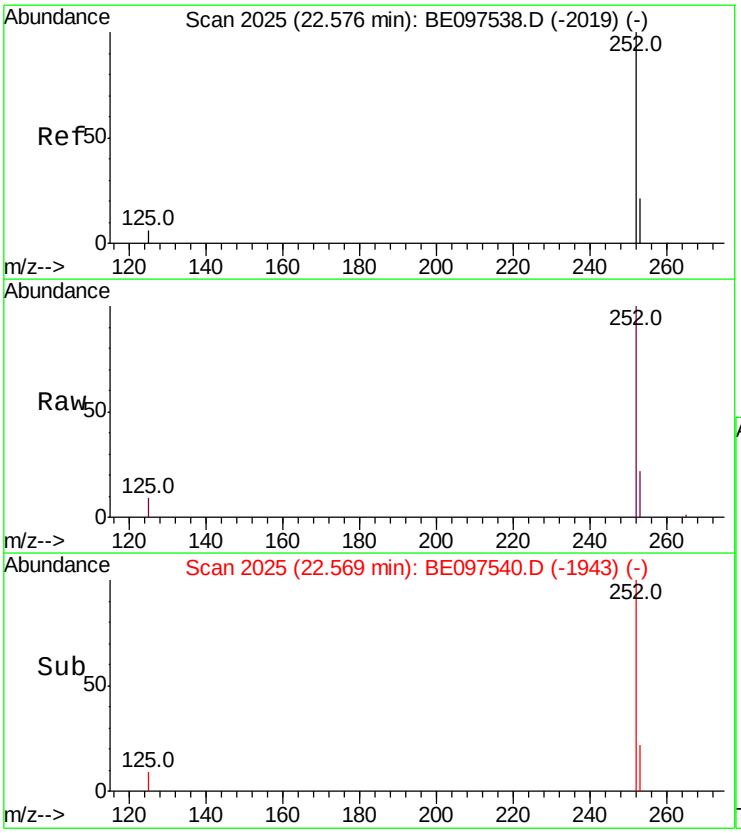
#35
Benzo(b)fluoranthene
Concen: 1.651 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36389

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.0	30.0
125	9.0	16.0	24.0#

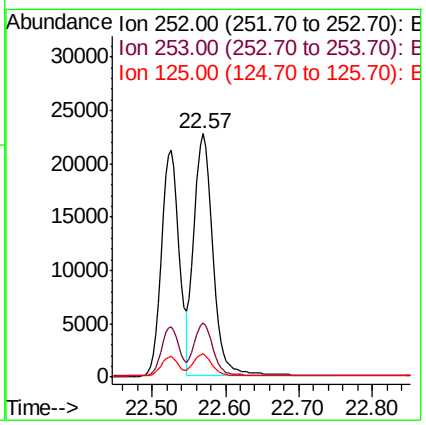


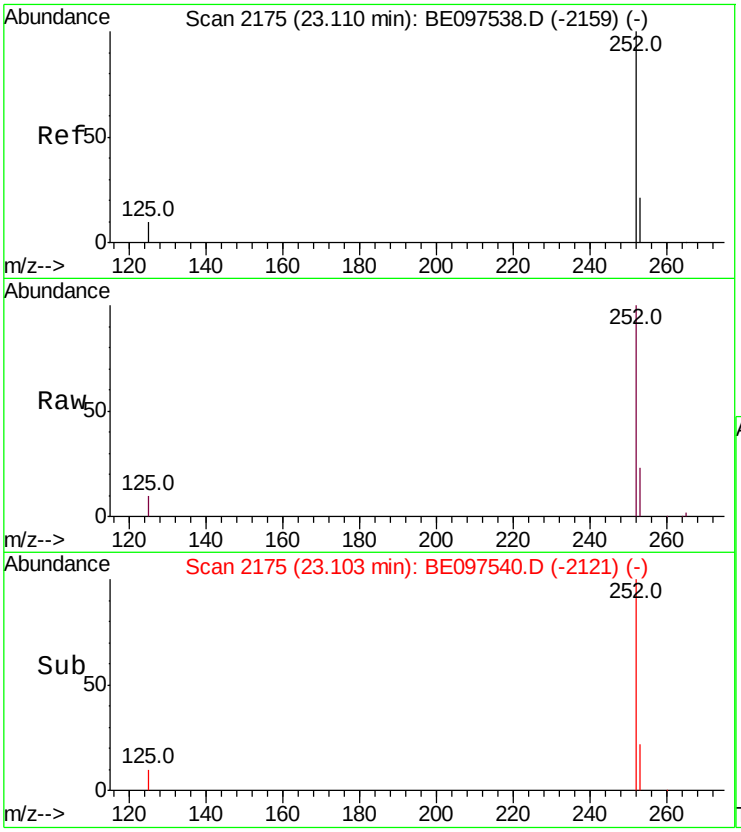


#36
Benzo(k)fluoranthene
Concen: 1.667 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:252 Resp: 40091

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	9.4	8.0	12.0



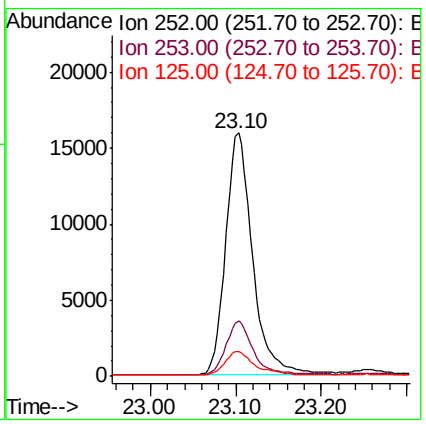


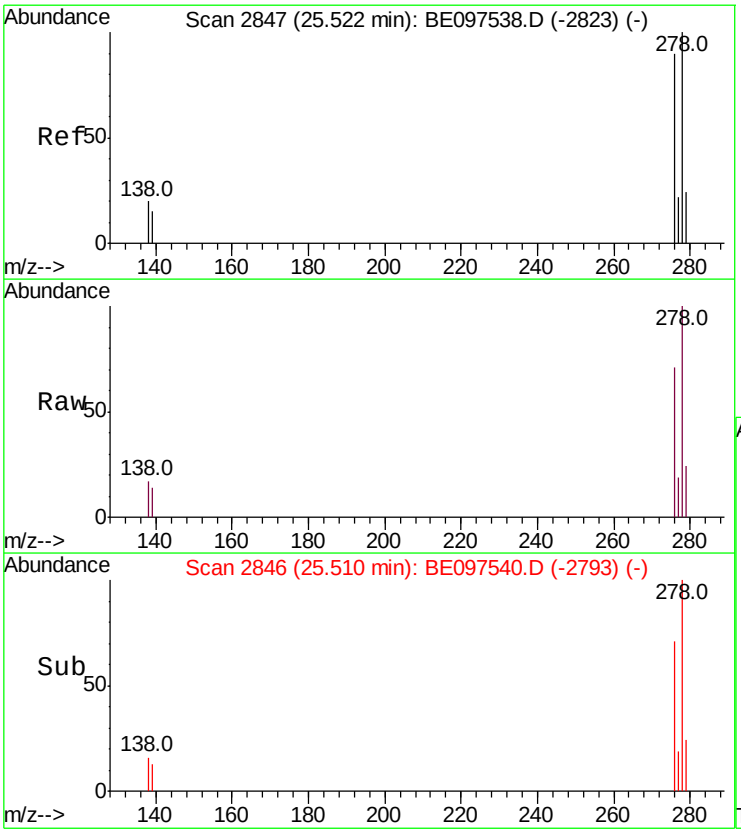
#37
Benzo(a)pyrene
Concen: 1.595 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34933

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	10.2	12.0	18.0#

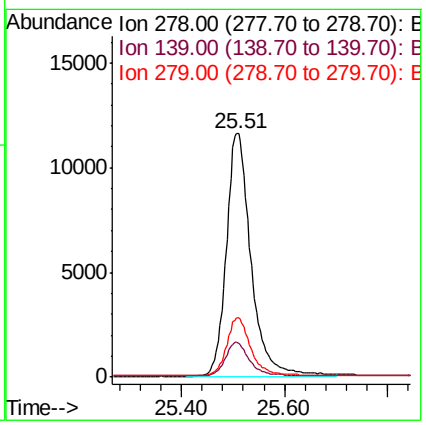


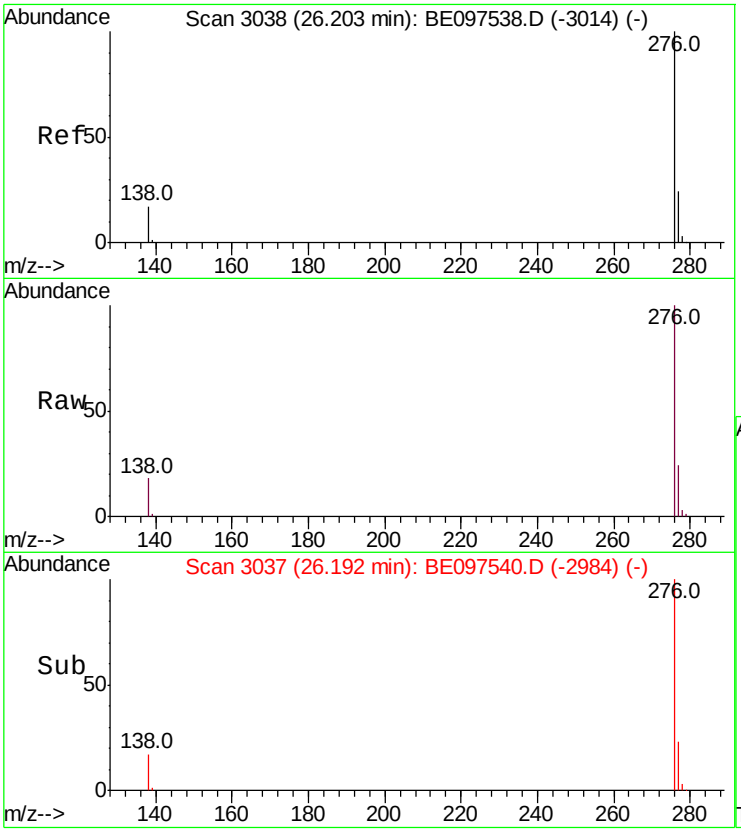


#38
Dibenzo(a,h)anthracene
Concen: 1.682 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Tgt Ion:278 Resp: 38419

Ion	Ratio	Lower	Upper
278	100		
139	13.7	16.0	24.0#
279	24.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.600 ng
RT: 26.19 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BE097540.D
Acq: 19 Sep 2018 14:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37340

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	17.6	20.0	30.0#