Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081018\
Data File : BE097267.D
Acq On : 10 Aug 2018 18:13
Operator : SJ/JU
Sample : PB111898BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 10 23:07:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1153	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	4900	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2274	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	6026	0.40	ng		0.00
27) Chrysene-d12	20.98	240	7391	0.40	ng		0.00
34) Perylene-d12	23.22	264	7478	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1096	0.34	ng		0.01
5) Phenol-d6	6.61	99	1414	0.30	ng		0.01
8) Nitrobenzene-d5	8.52	82	1560	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2772	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	178	0.24	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	3180	0.40	ng		0.00
25) Fluoranthene-d10	18.81	212	23117	0.38	ng		0.00
29) Terphenyl-d14	19.43	244	3916	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	593	0.324	ng	#	65
3) n-Nitrosodimethylamine	3.38	42	634	0.309	ng	#	93
6) bis(2-Chloroethyl)ether	6.84	93	1236	0.285	ng		94
9) Naphthalene	10.19	128	15008	0.341	ng		99
10) Hexachlorobutadiene	10.48	225	655	0.332	ng		96
12) 2-Methylnaphthalene	11.80	142	2309	0.306	ng		98
16) Acenaphthylene	13.73	152	3450	0.338	ng		99
17) Acenaphthene	14.08	154	1973	0.333	ng	#	93
18) Fluorene	15.08	166	2544	0.324	ng	#	78
20) 4-Bromophenyl-phenylether	15.97	248	850	0.290	ng	#	82
21) Hexachlorobenzene	16.08	284	969	0.308	ng	#	83
22) Pentachlorophenol	16.44	266	443	0.569	ng	#	78
23) Phenanthrene	16.81	178	4766	0.332	ng		98
24) Anthracene	16.91	178	4428	0.345	ng		96
26) Fluoranthene	18.84	202	6228	0.386	ng		98
28) Pyrene	19.21	202	6254	0.308	ng		99
30) Benzo(a)anthracene	20.97	228	6730	0.366	ng		96
31) Chrysene	21.02	228	6726	0.341	ng		100
32) Bis(2-ethylhexyl)phthalate	20.92	149	12633	0.632	ng		99
33) Indeno(1,2,3-cd)pyrene	25.52	276	8351	0.468	ng	#	93
35) Benzo(b)fluoranthene	22.54	252	6736	0.355	ng	#	91
36) Benzo(k)fluoranthene	22.59	252	7209	0.325	ng	#	91
37) Benzo(a)pyrene	23.12	252	6780	0.380	ng	#	92
38) Dibenzo(a,h)anthracene	25.55	278	6993	0.392	ng		97
39) Benzo(g,h,i)perylene	26.22	276	6931	0.367	ng	#	90

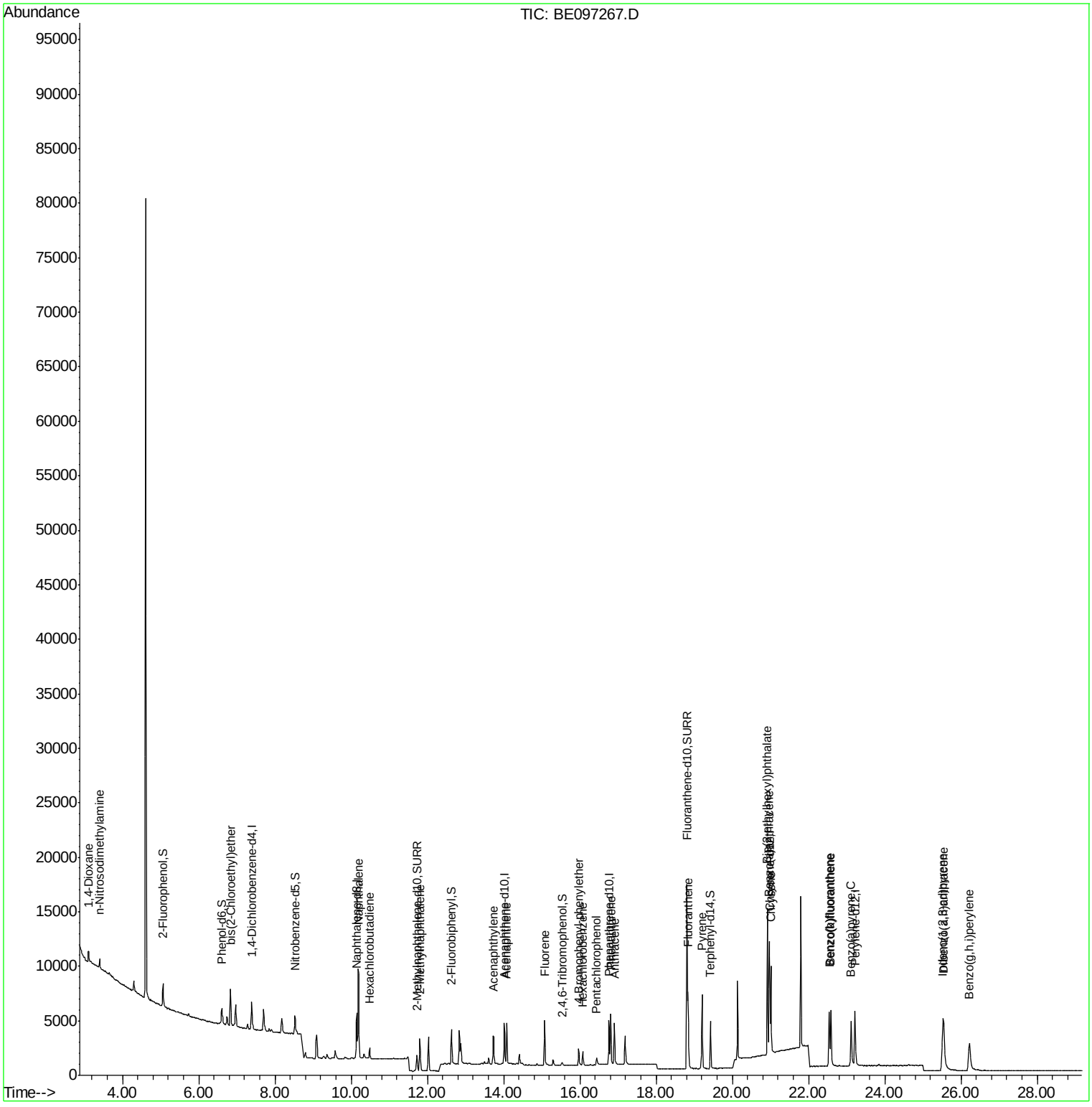
(#) = qualifier out of range (m) = manual integration (+) = signals summed

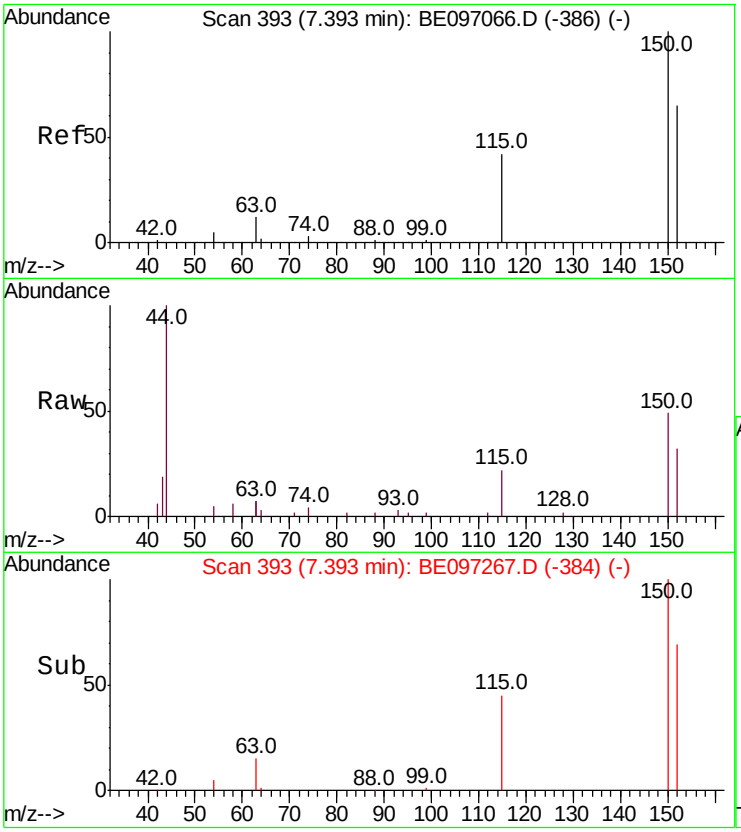
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081018\
Data File : BE097267.D
Acq On : 10 Aug 2018 18:13
Operator : SJ/JU
Sample : PB111898BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 10 23:07:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 10:49:28 2018
Response via : Initial Calibration



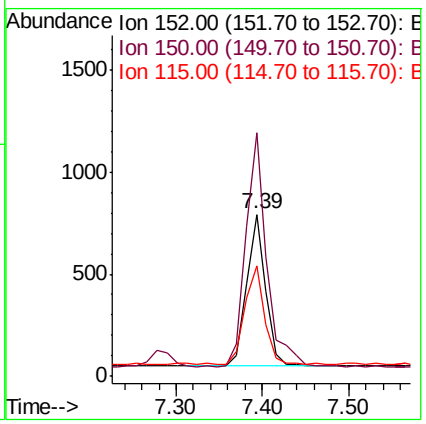


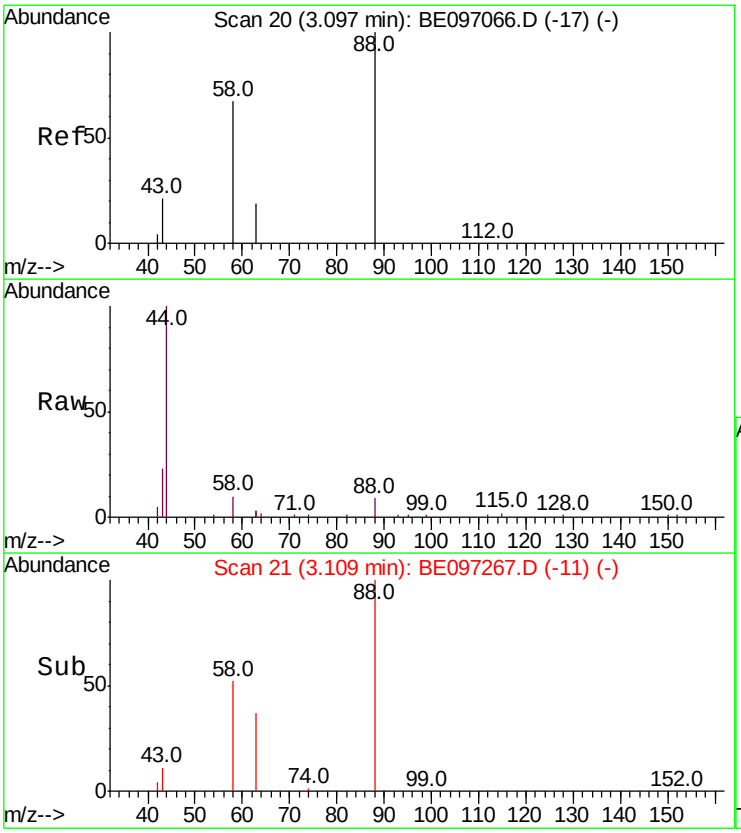
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1153

Ion	Ratio	Lower	Upper
152	100		
150	150.5	117.2	175.8
115	68.3	57.0	85.6

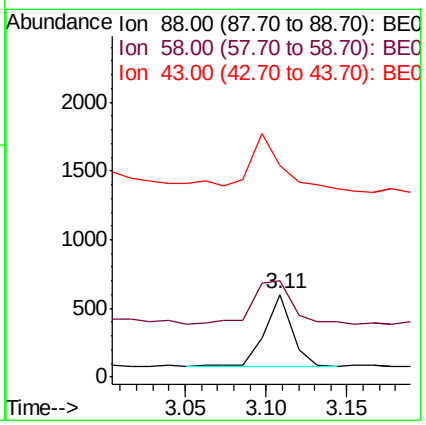


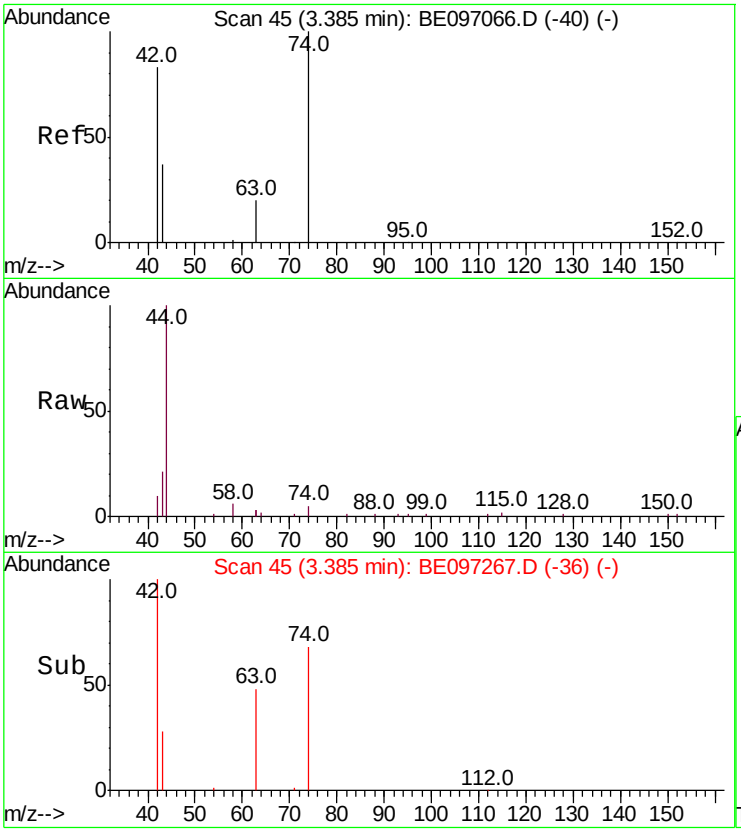


#2
1,4-Dioxane
Concen: 0.324 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion: 88 Resp: 593

Ion	Ratio	Lower	Upper
88	100		
58	92.2	63.2	94.8
43	97.3	41.2	61.8#



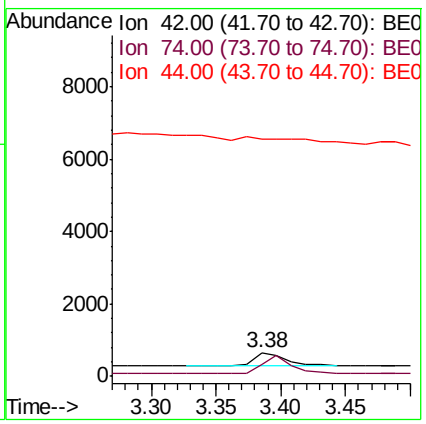


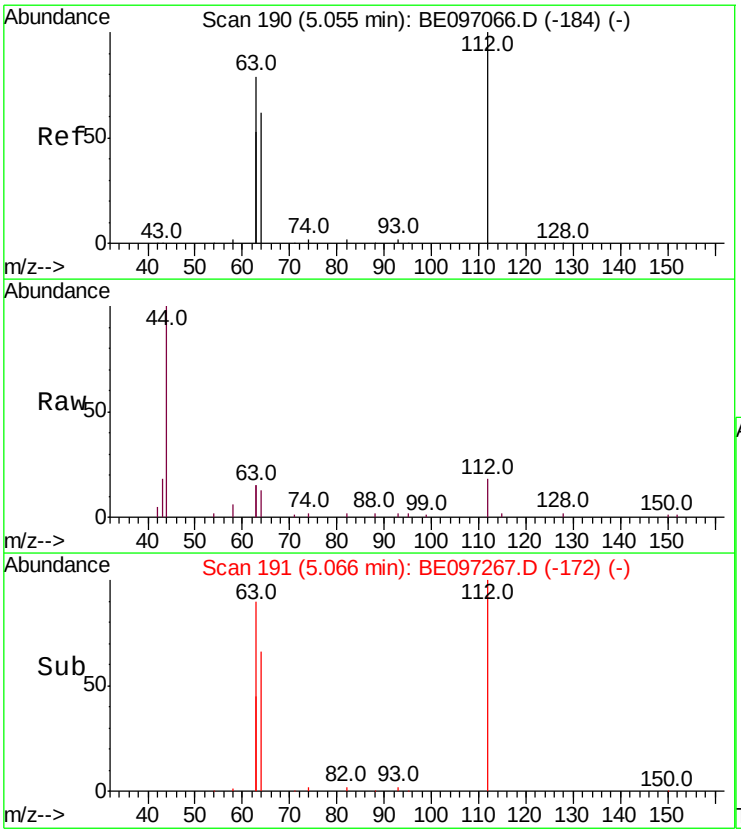
#3
n-Nitrosodimethylamine
Concen: 0.309 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 634

Ion	Ratio	Lower	Upper
42	100		
74	124.0	96.0	144.0
44	0.0	12.0	18.0#

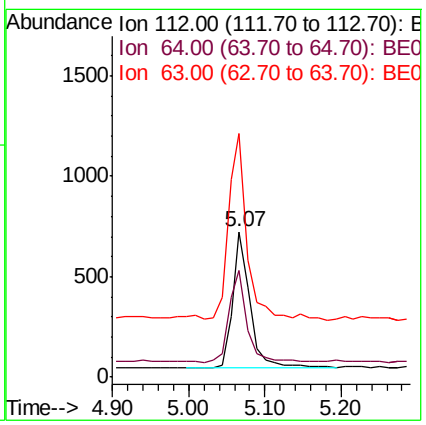


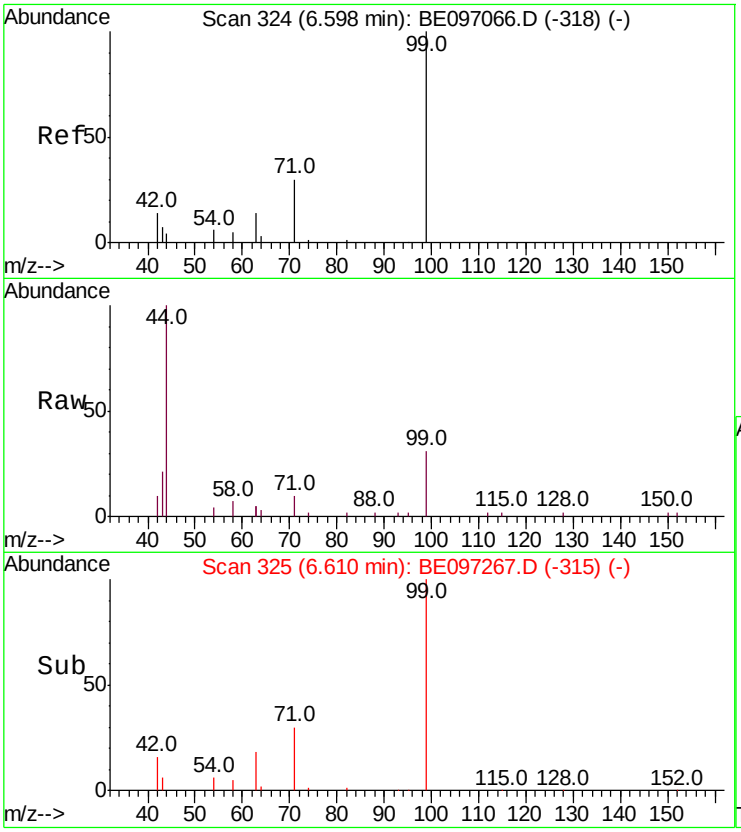


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.07 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:112 Resp: 1096

Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	146.3	116.8	175.2



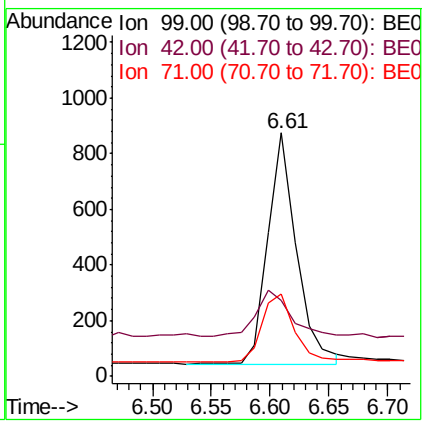


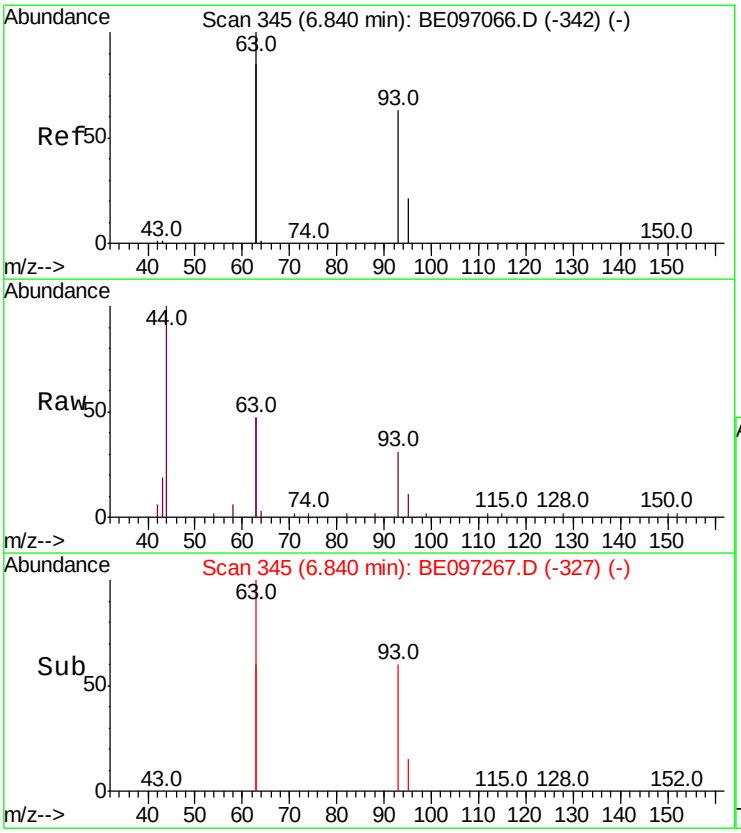
#5
Phenol-d6
Concen: 0.297 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1414

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	33.2	28.4	42.6

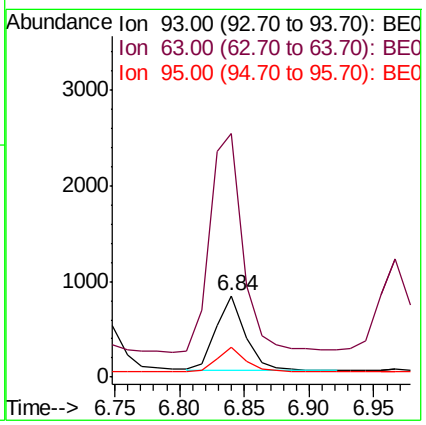


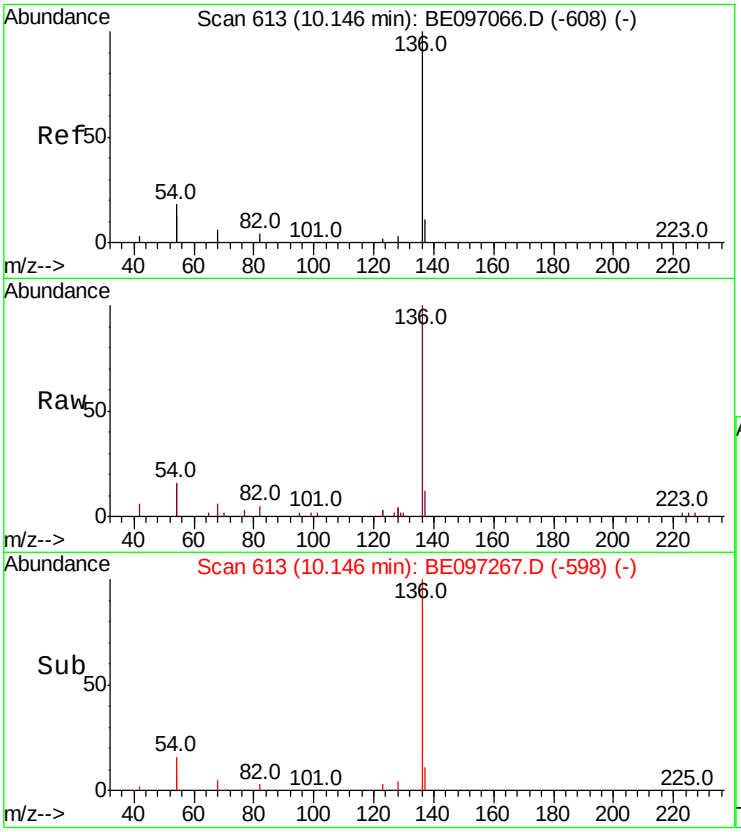


#6
bis(2-Chloroethyl)ether
Concen: 0.285 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion: 93 Resp: 1236

Ion	Ratio	Lower	Upper
93	100		
63	330.1	275.3	412.9
95	32.3	25.2	37.8



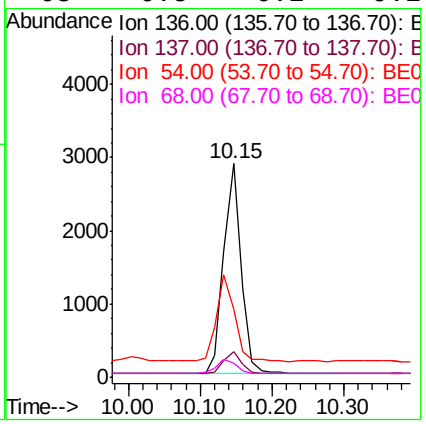


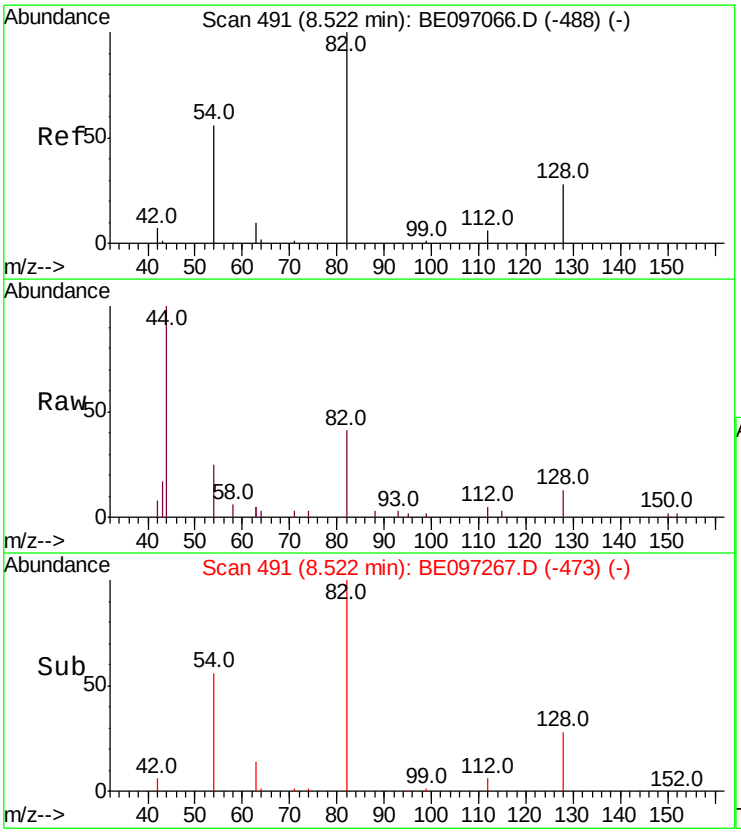
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4900

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	31.5	29.1	43.7
68	6.5	6.2	9.2

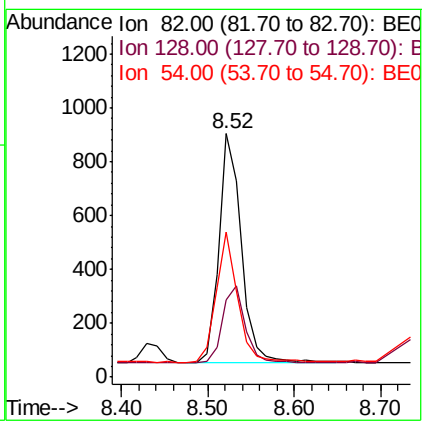


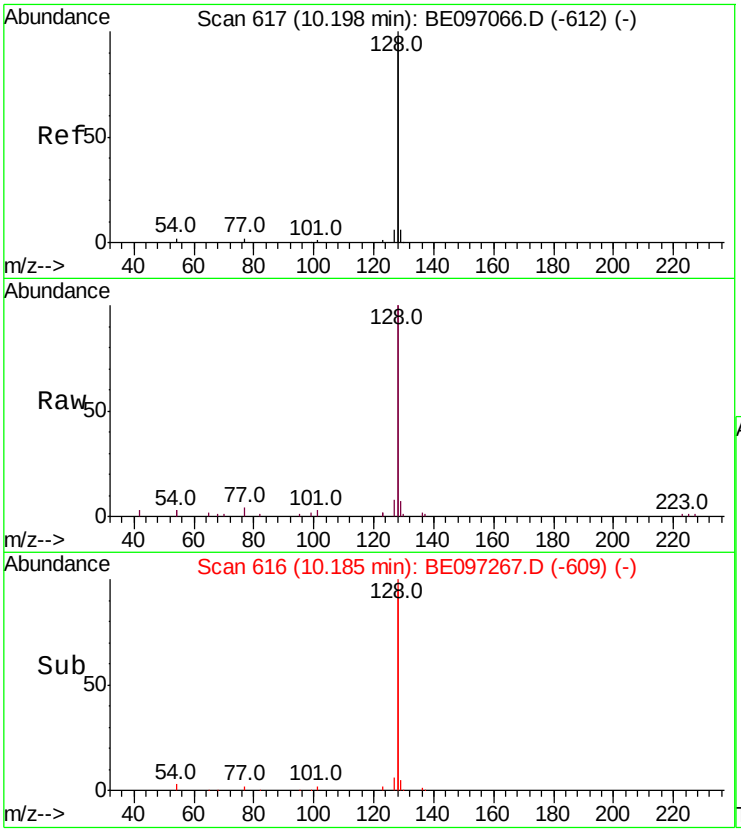


#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion: 82 Resp: 1560

Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.0	36.0
54	59.7	40.0	60.0

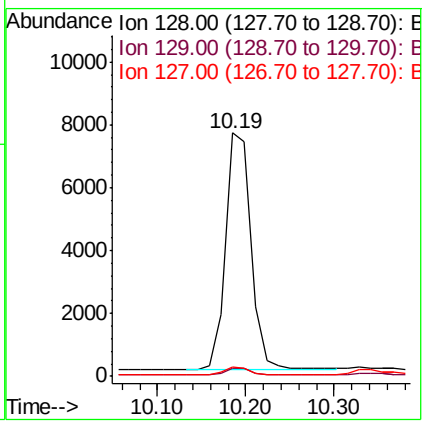




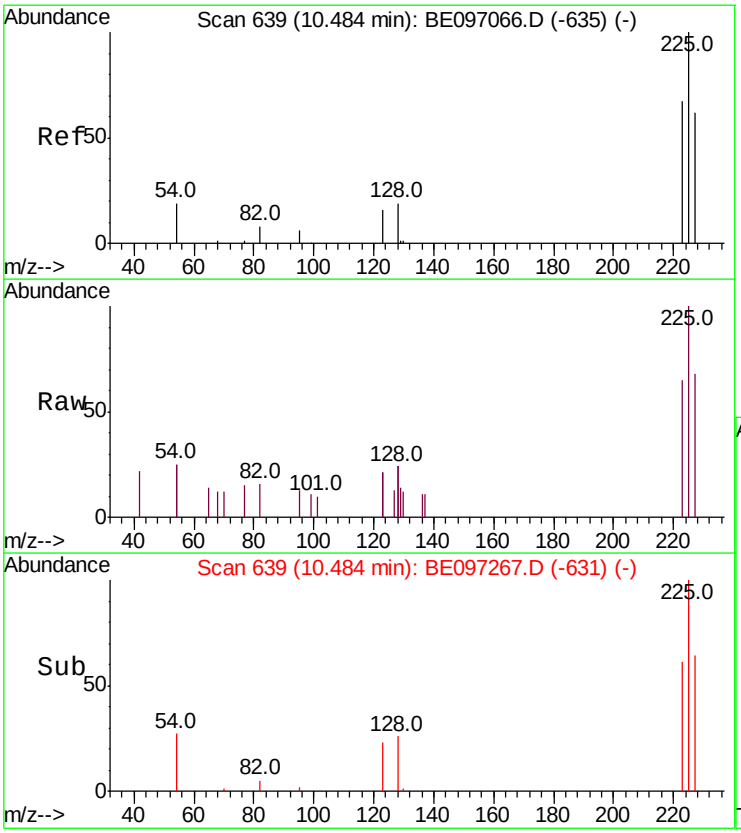
#9
Naphthalene
Concen: 0.341 ng
RT: 10.19 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:128 Resp: 15008

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	2.8	4.2



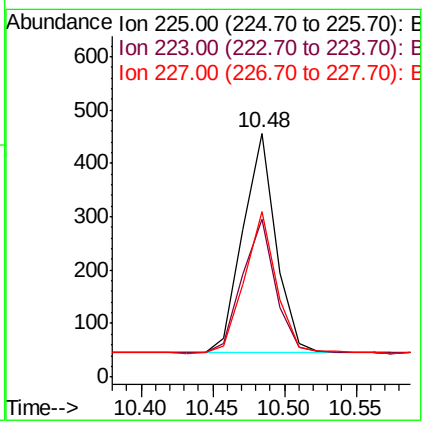
Instrument :
BNA_E
ClientSampleId :

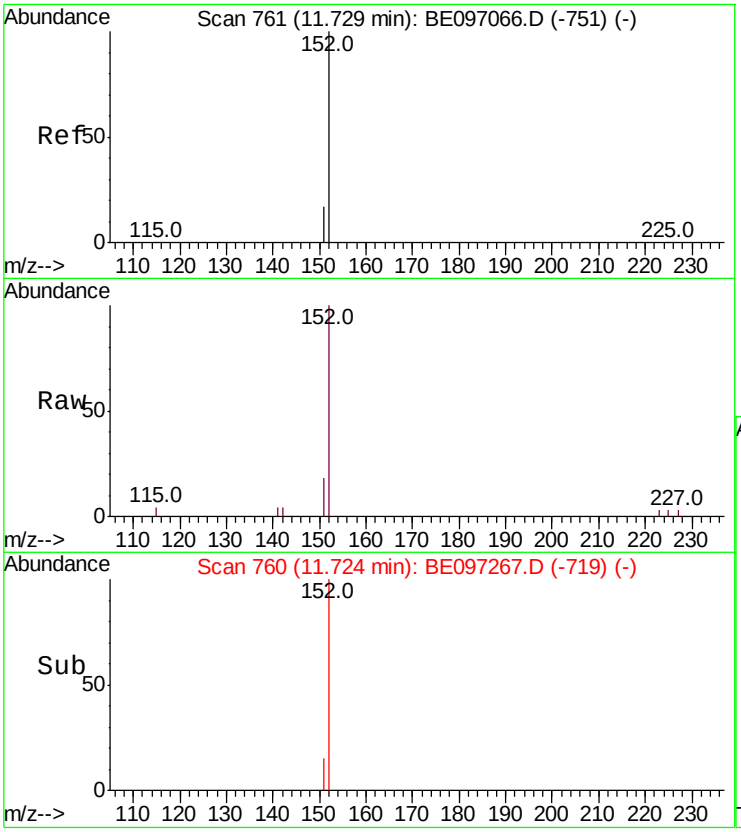


#10
Hexachlorobutadiene
Concen: 0.332 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:225 Resp: 655

Ion	Ratio	Lower	Upper
225	100		
223	61.8	53.0	79.6
227	62.9	51.4	77.2



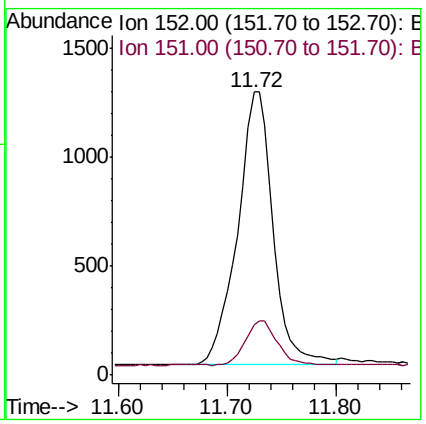


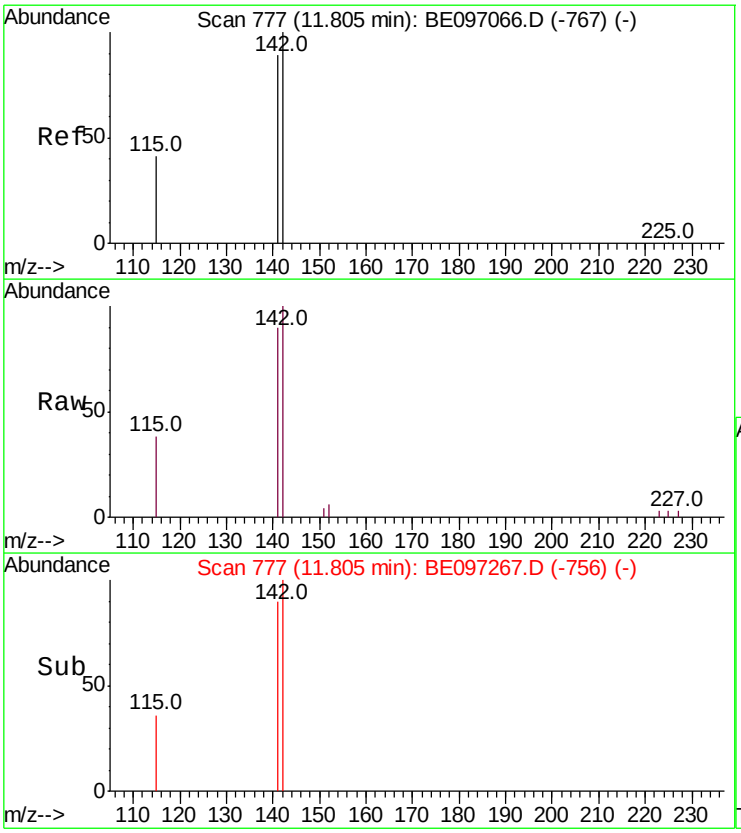
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2772

Ion	Ratio	Lower	Upper
152	100		
151	14.9	15.4	23.0#

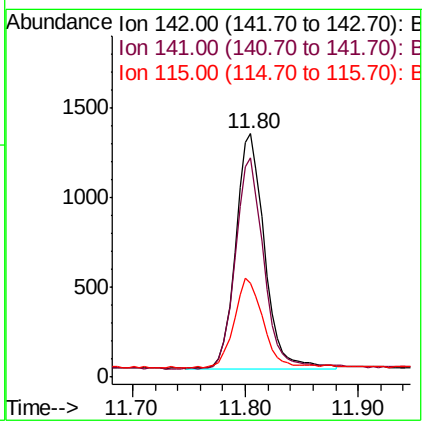


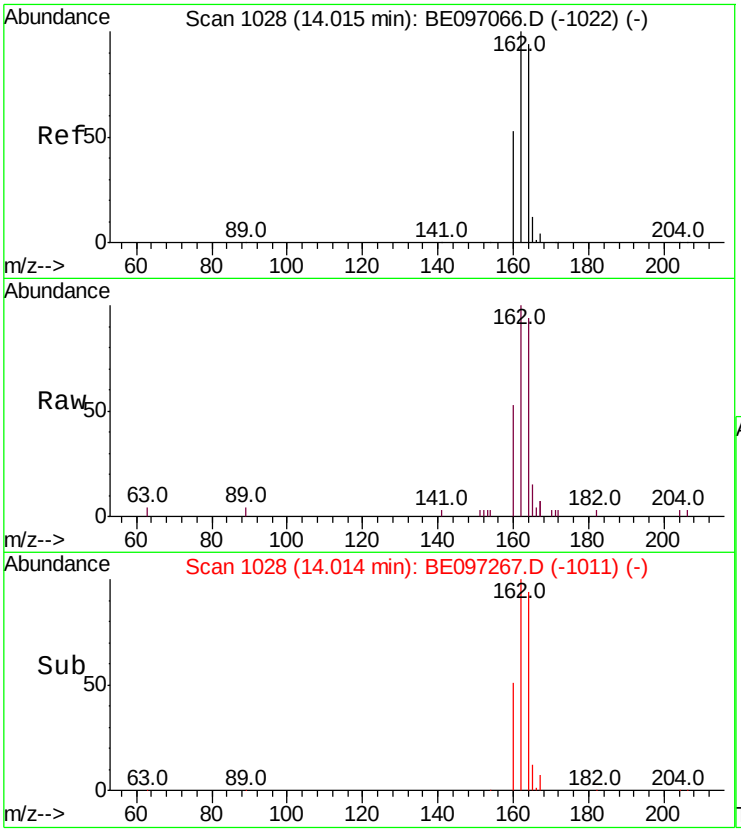


#12
2-Methylnaphthalene
Concen: 0.306 ng
RT: 11.80 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:142 Resp: 2309

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.4	105.6
115	38.4	31.7	47.5



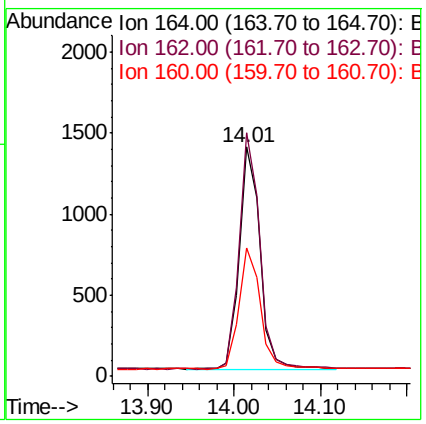


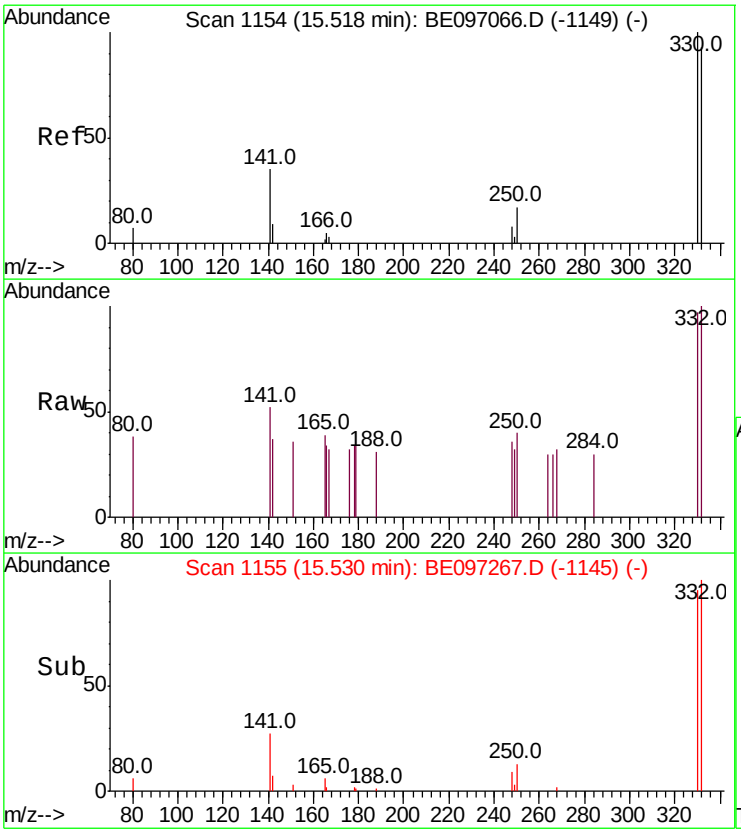
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2274

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.1	124.7
160	55.9	37.1	55.7#

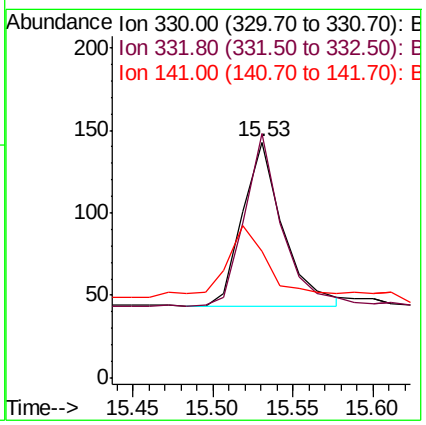


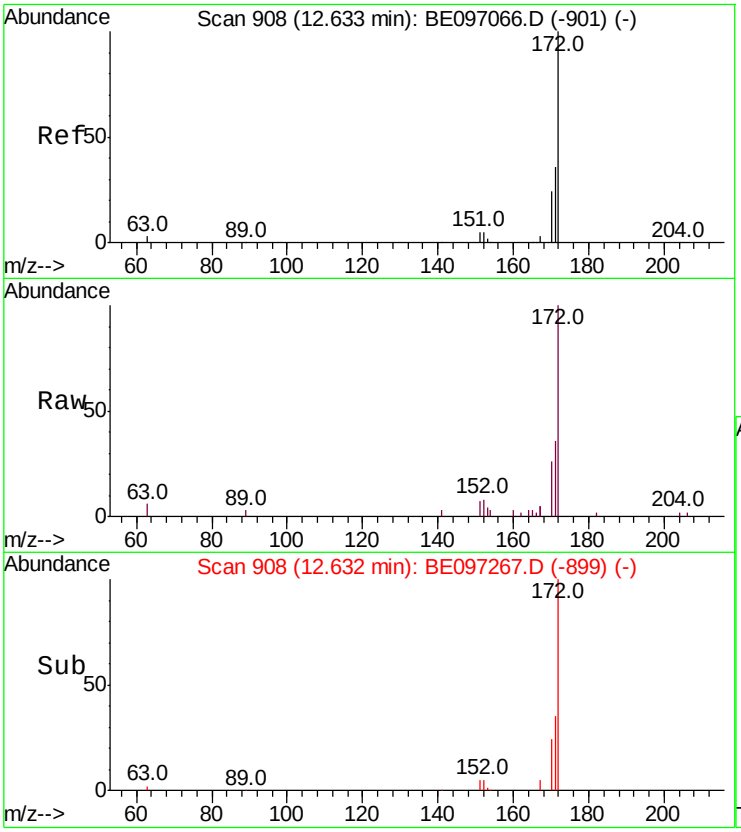


#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:330 Resp: 178

Ion	Ratio	Lower	Upper
330	100		
332	97.2	152.7	229.1#
141	43.8	33.7	50.5



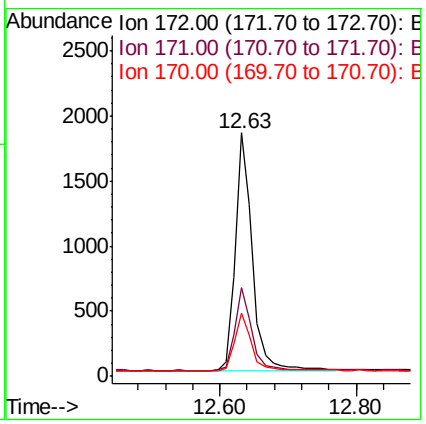


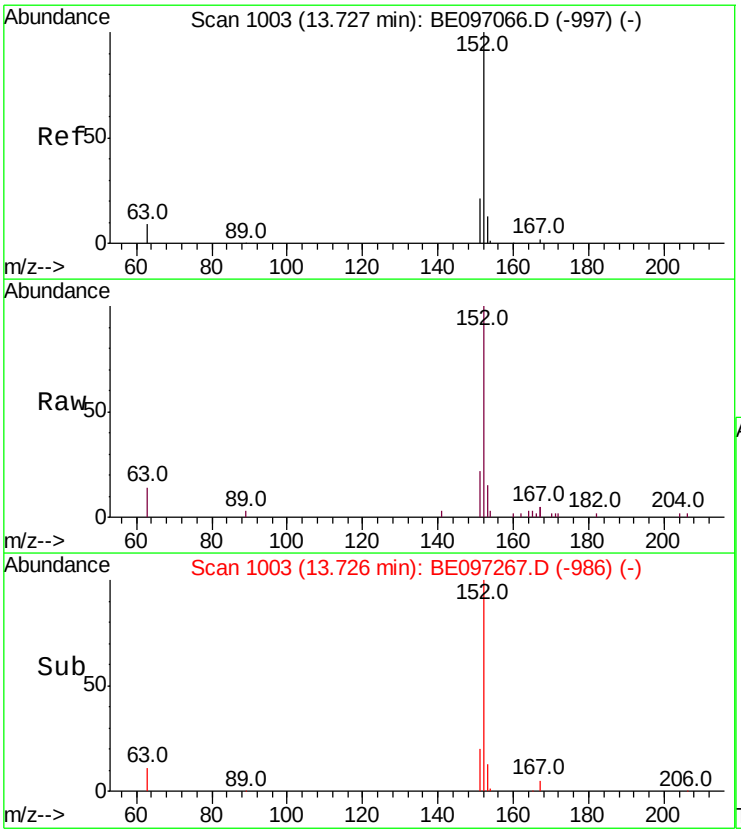
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3180

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	26.0	21.8	32.8

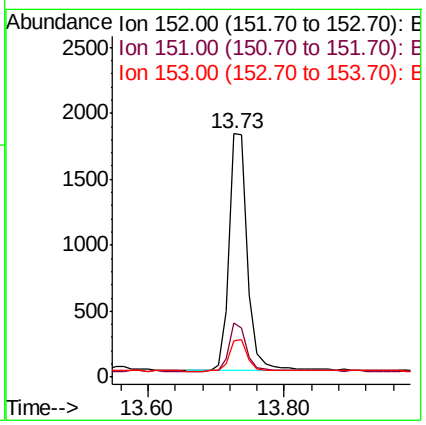


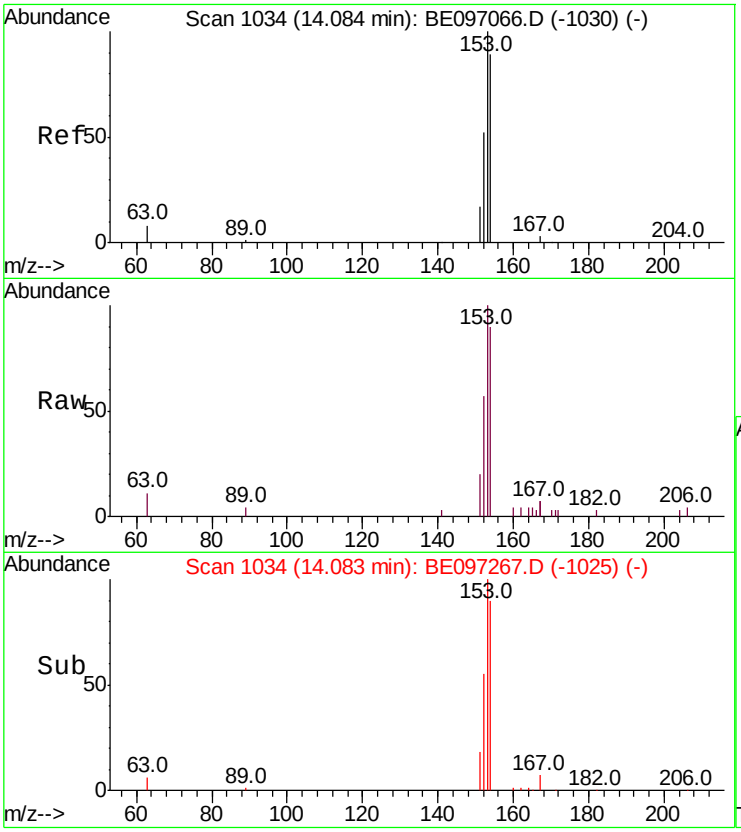


#16
Acenaphthylene
Concen: 0.338 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:152 Resp: 3450

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.0	10.5	15.7



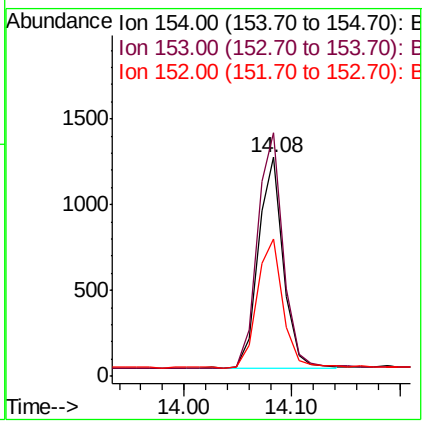


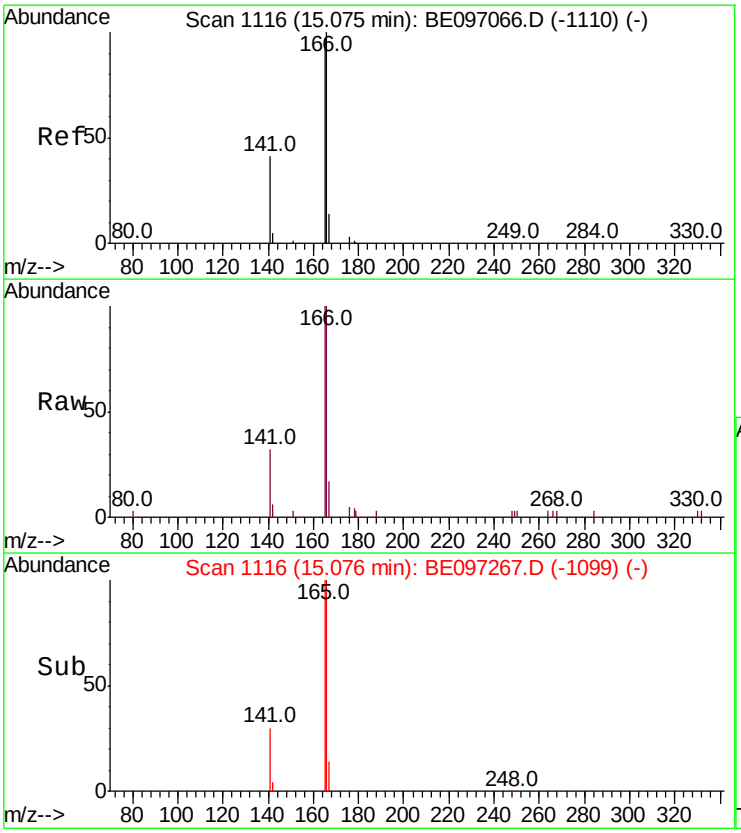
#17
Acenaphthene
Concen: 0.333 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1973

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.2	133.8
152	64.0	42.0	63.0#

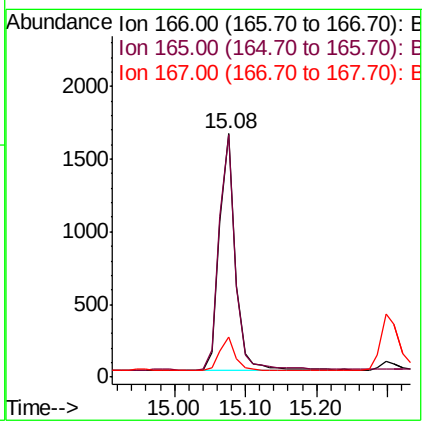


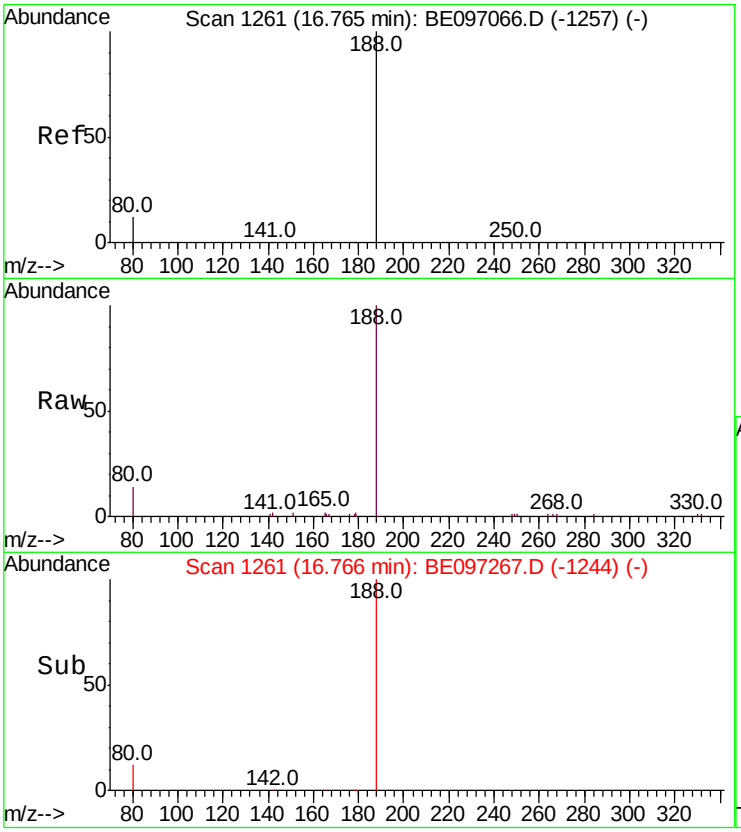


#18
Fluorene
Concen: 0.324 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:166 Resp: 2544

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.8	116.6
167	13.9	42.4	63.6#



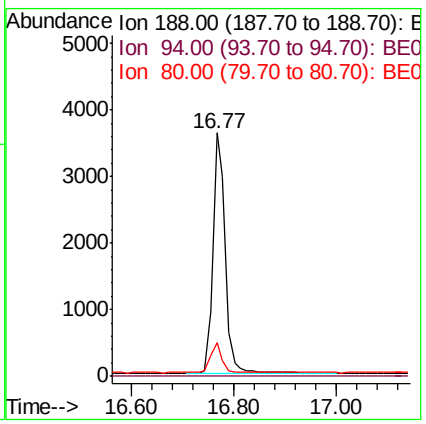


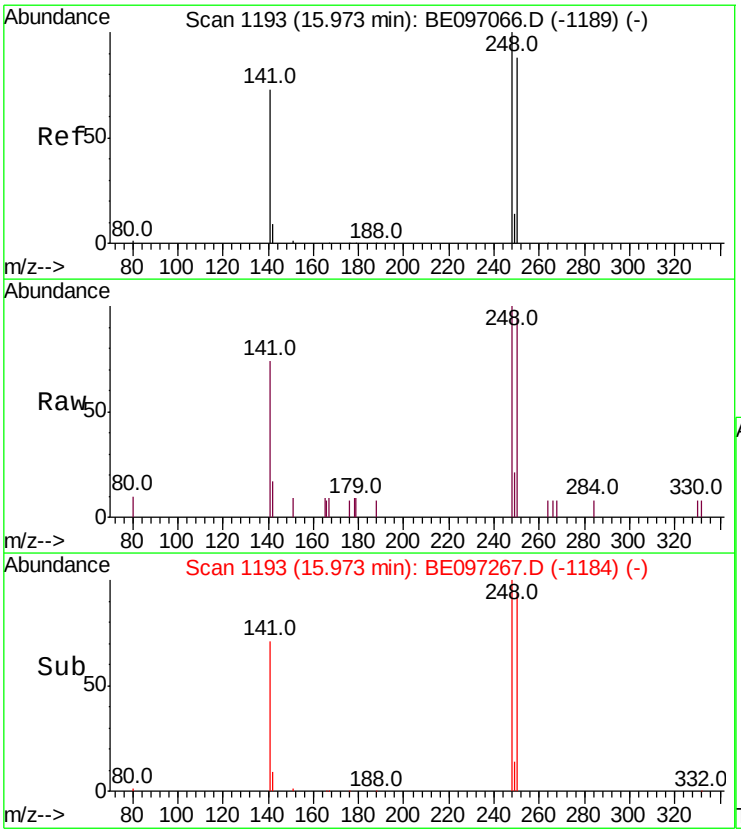
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.6	3.6	5.4#

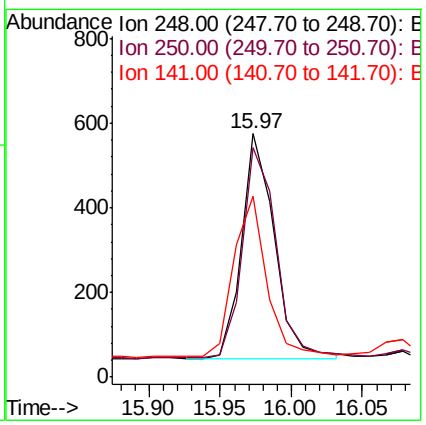


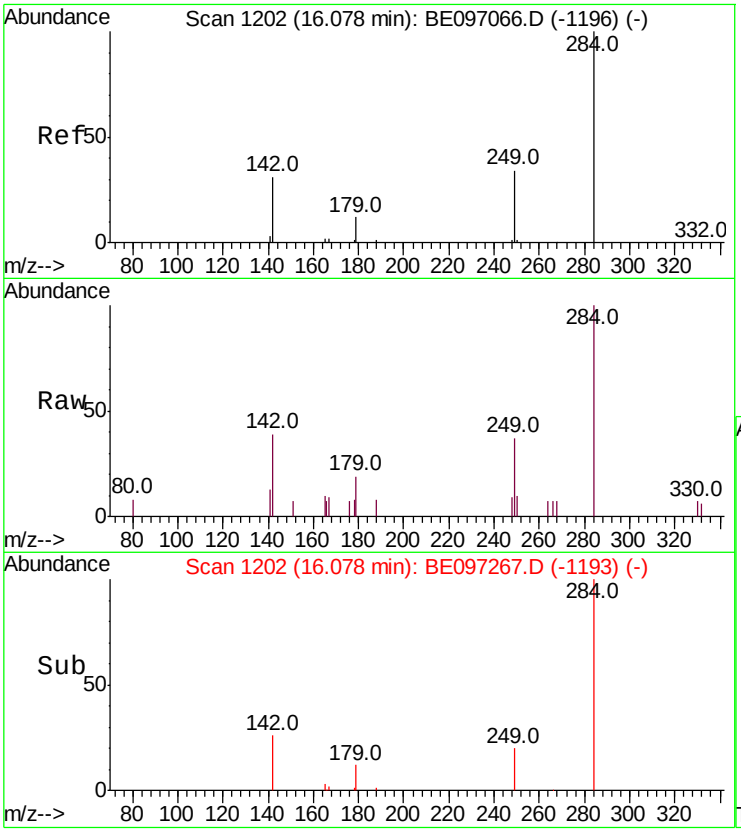


#20
4-Bromophenyl-phenylether
Concen: 0.290 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:248 Resp: 850

Ion	Ratio	Lower	Upper
248	100		
250	94.4	62.7	94.1#
141	74.1	48.2	72.2#



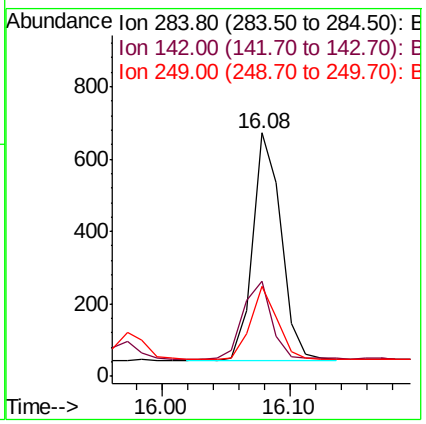


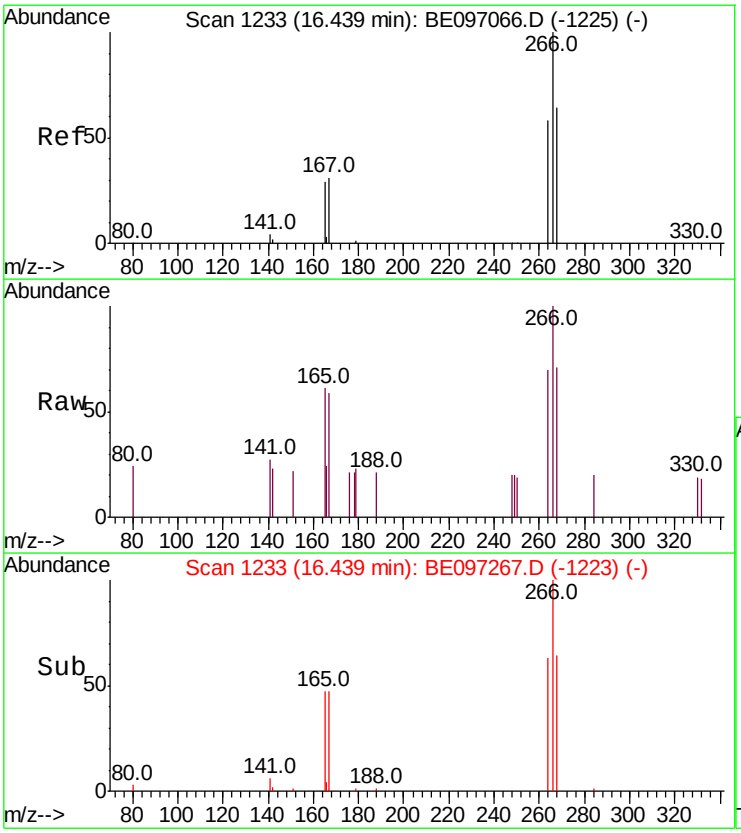
#21
Hexachlorobenzene
Concen: 0.308 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 969

Ion	Ratio	Lower	Upper
284	100		
142	34.0	22.1	33.1#
249	30.5	34.8	52.2#

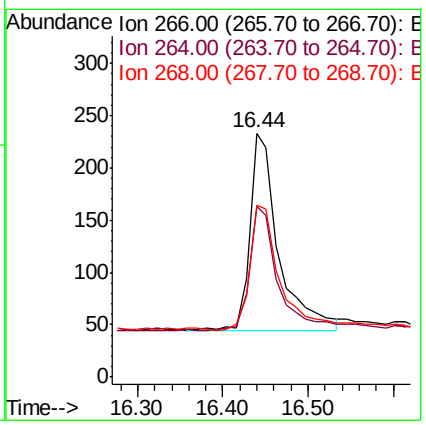


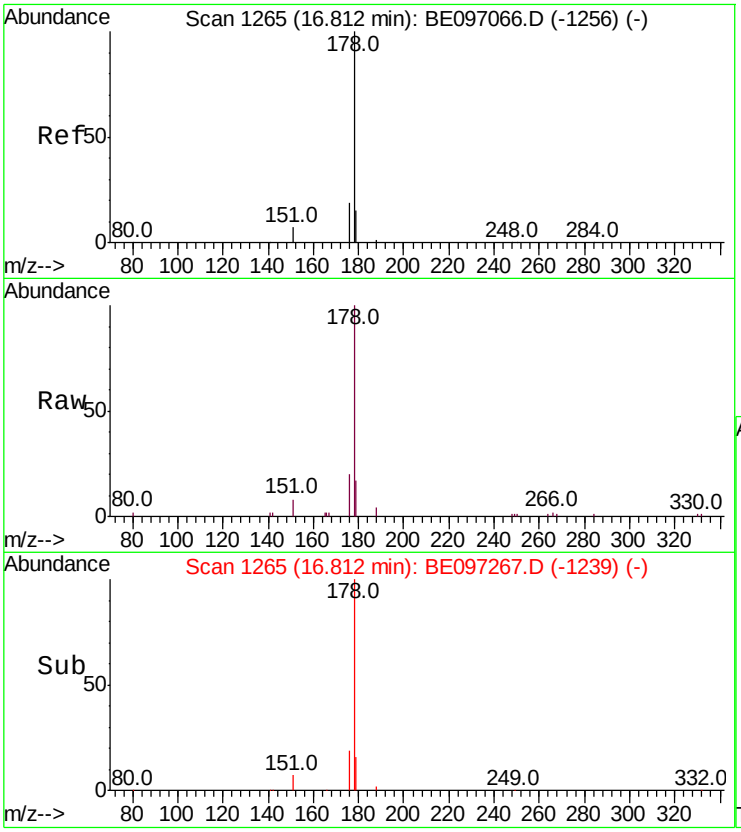


#22
Pentachlorophenol
Concen: 0.569 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:266 Resp: 443

Ion	Ratio	Lower	Upper
266	100		
264	70.0	72.5	108.7#
268	70.8	73.8	110.6#



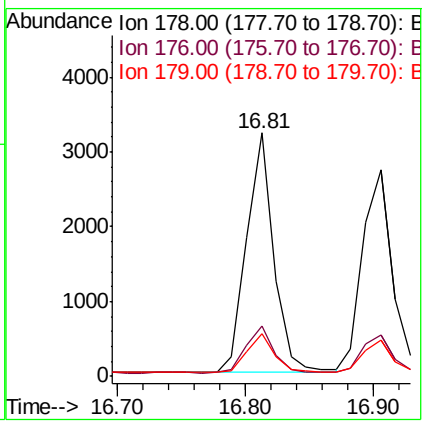


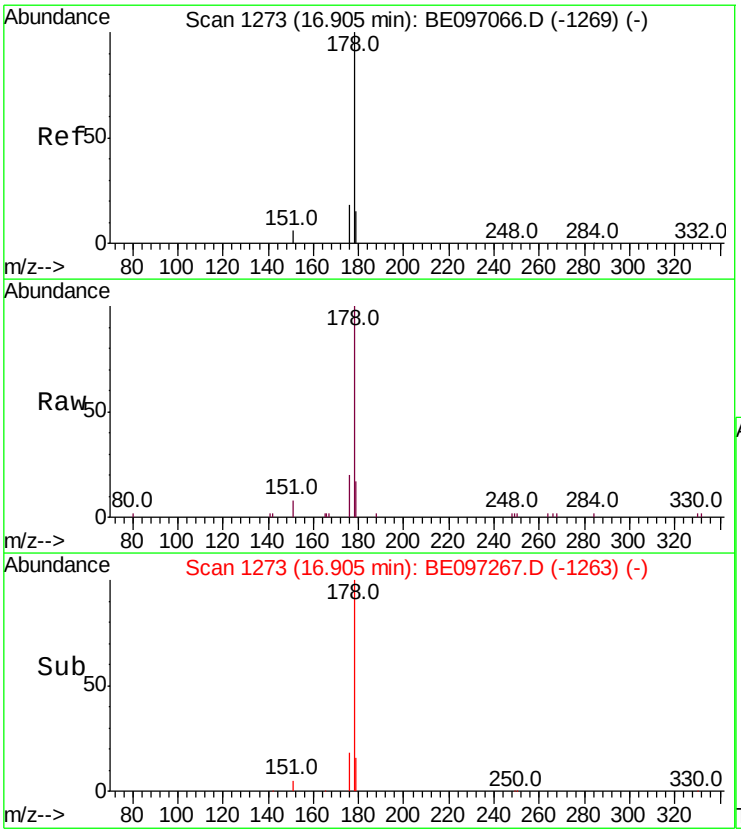
#23
Phenanthrene
Concen: 0.332 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4766

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.3	11.8	17.6

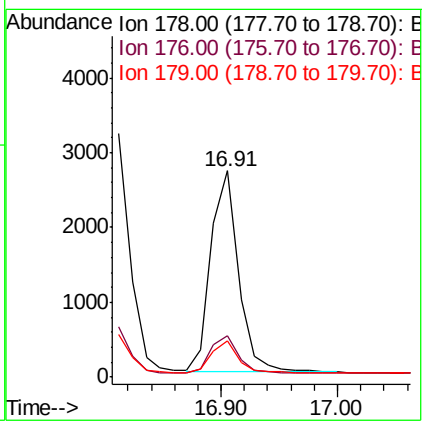


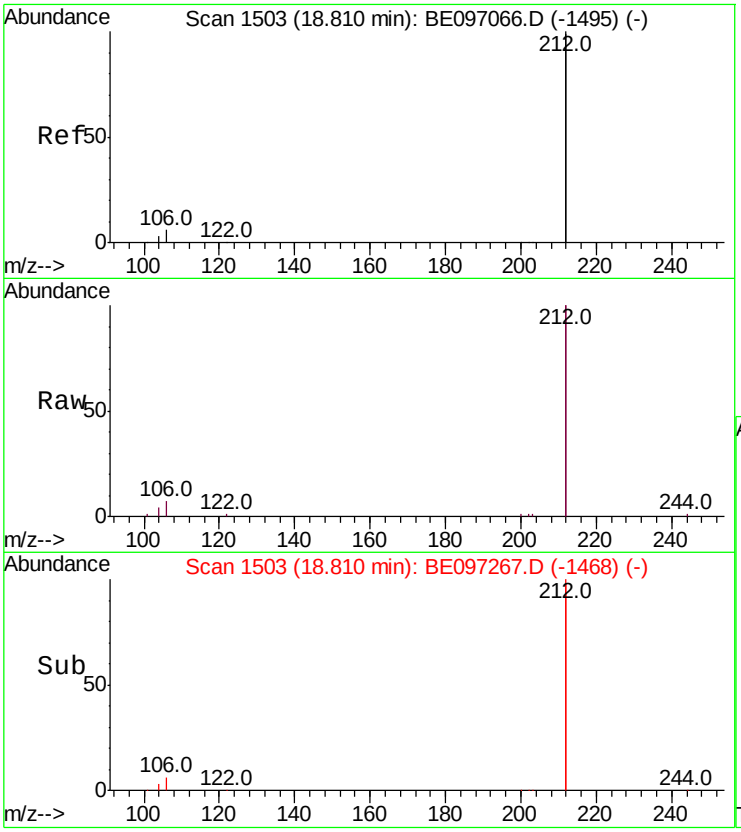


#24
Anthracene
Concen: 0.345 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:178 Resp: 4428

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.8	13.0	19.6



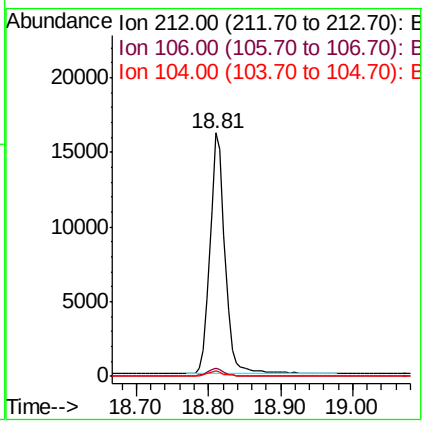


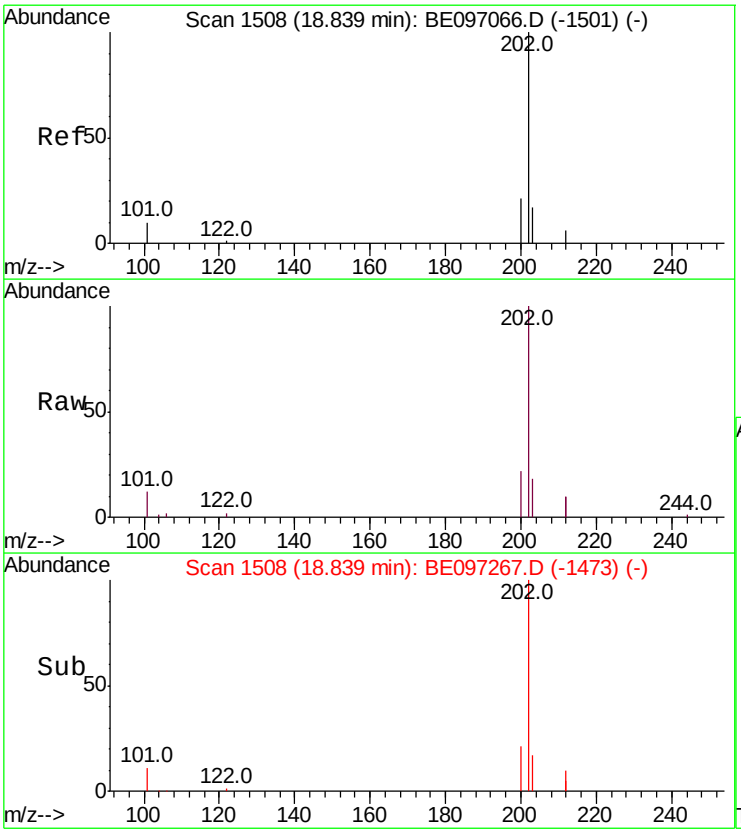
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 23117

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

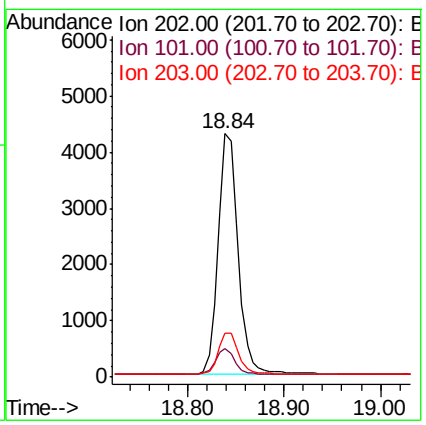


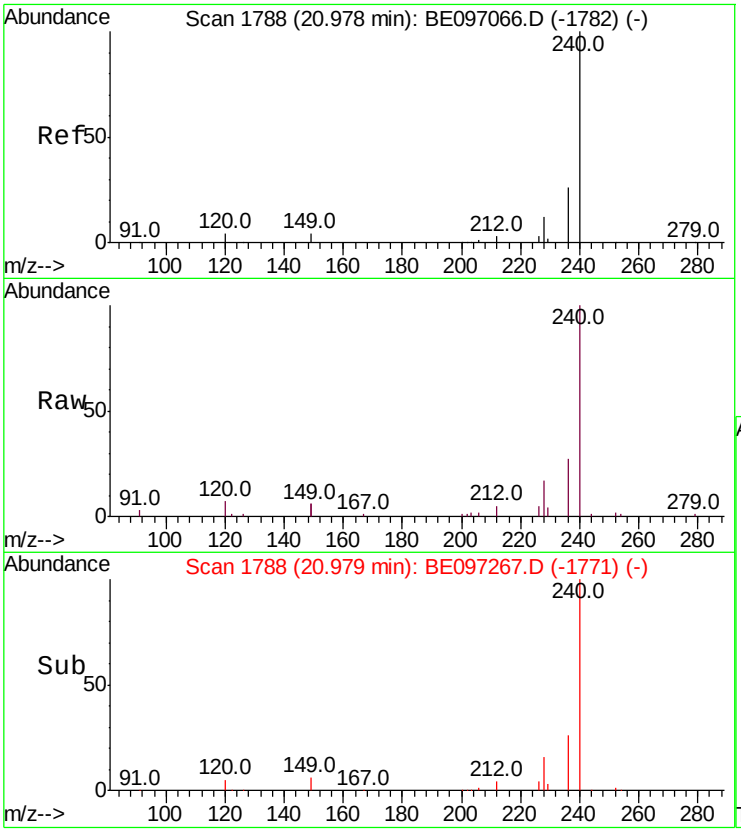


#26
Fluoranthene
Concen: 0.386 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:202 Resp: 6228

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
203	17.1	13.7	20.5



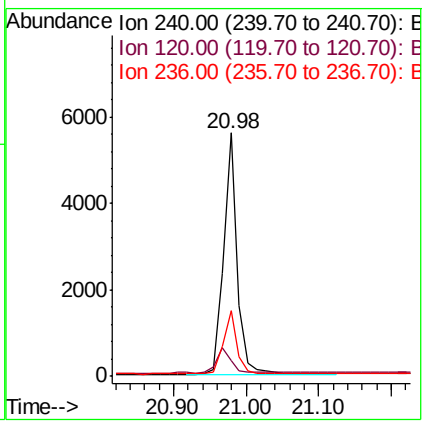


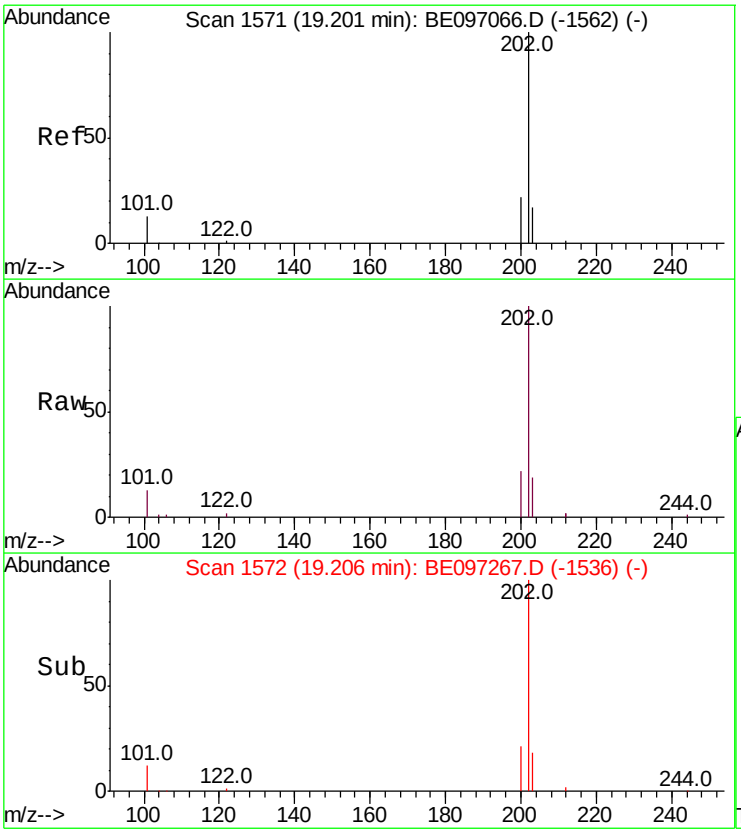
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7391

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.5	8.3
236	27.2	20.7	31.1

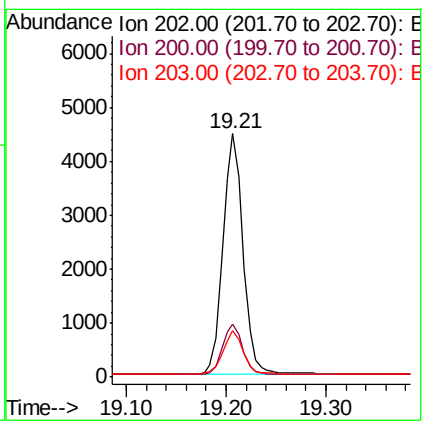


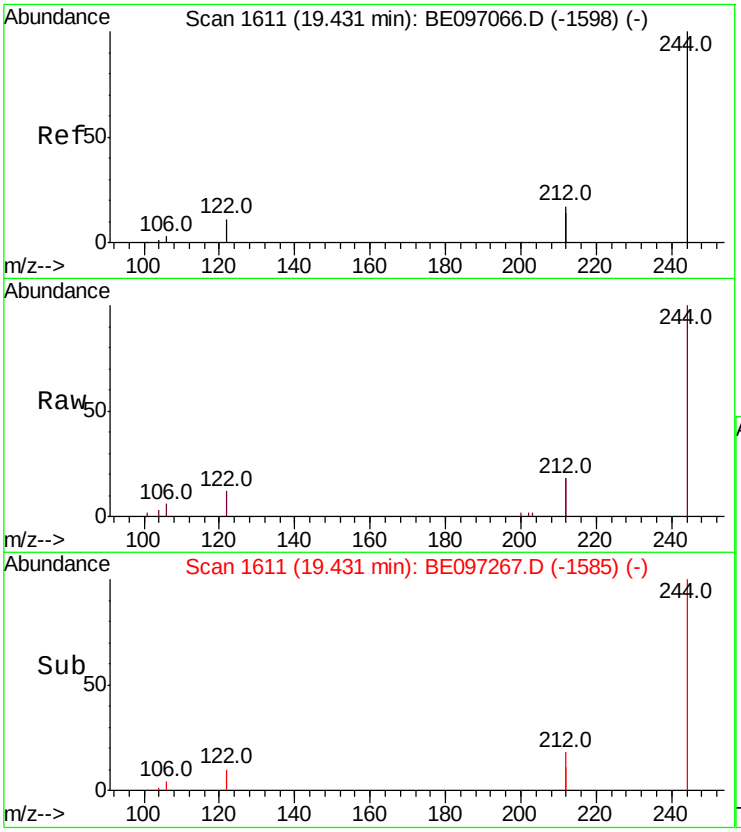


#28
Pyrene
Concen: 0.308 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:202 Resp: 6254

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.0	13.8	20.8



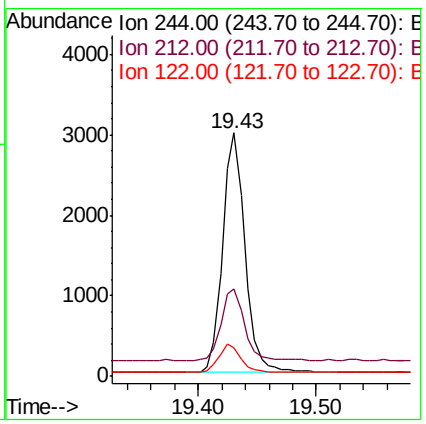


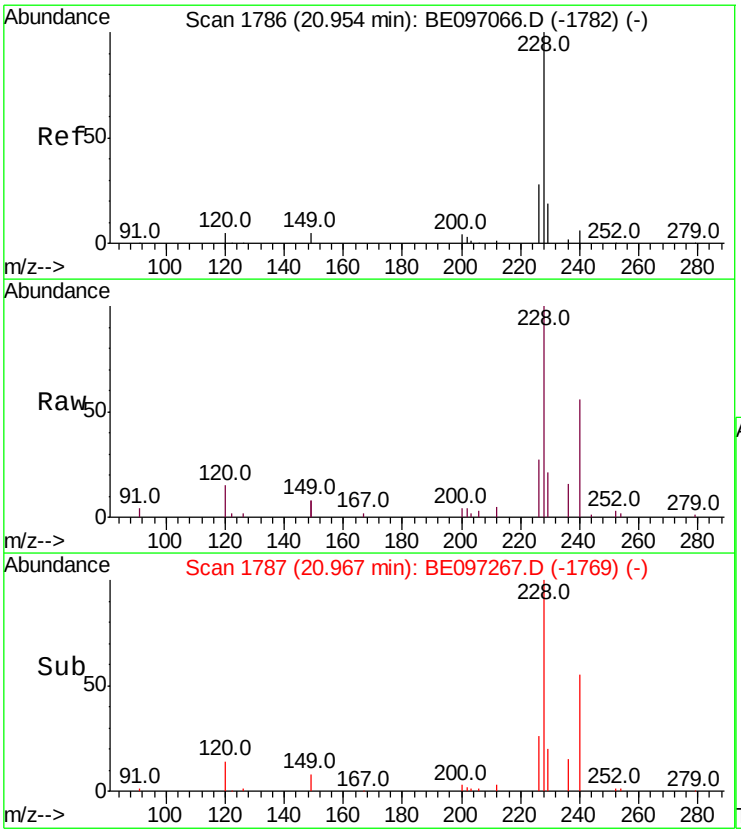
#29
Terphenyl-d14
Concen: 0.276 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3916

Ion	Ratio	Lower	Upper
244	100		
212	35.8	25.4	38.0
122	11.5	8.1	12.1

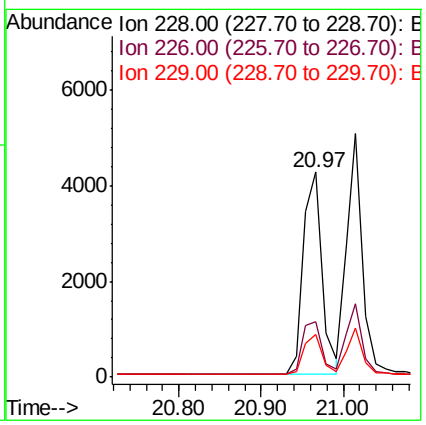


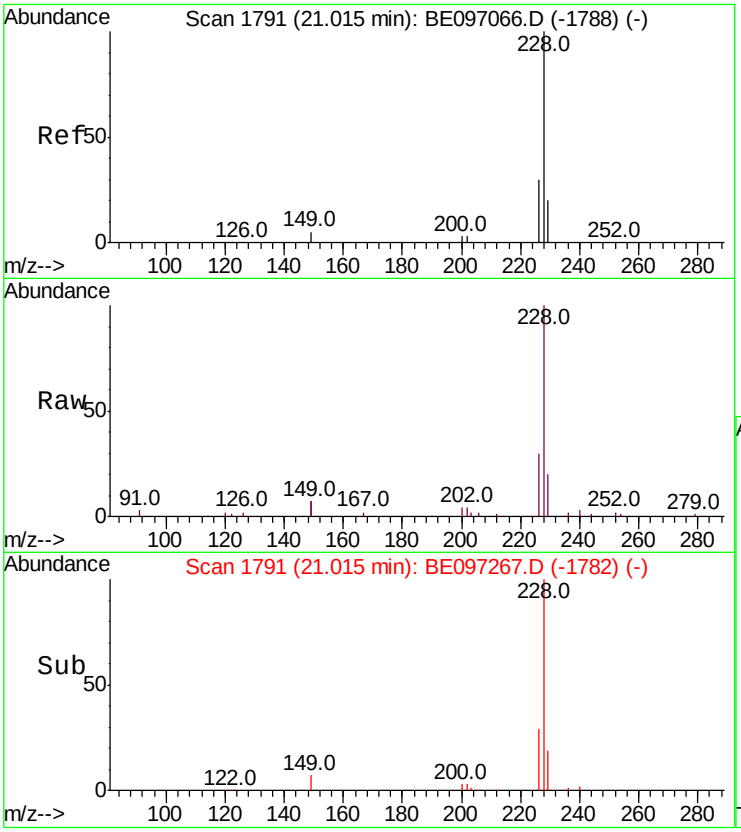


#30
Benzo(a)anthracene
Concen: 0.366 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:228 Resp: 6730

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	20.7	16.0	24.0



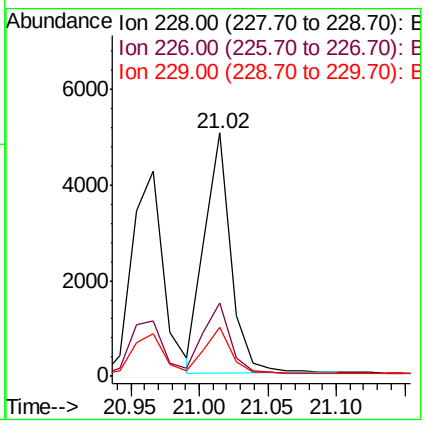


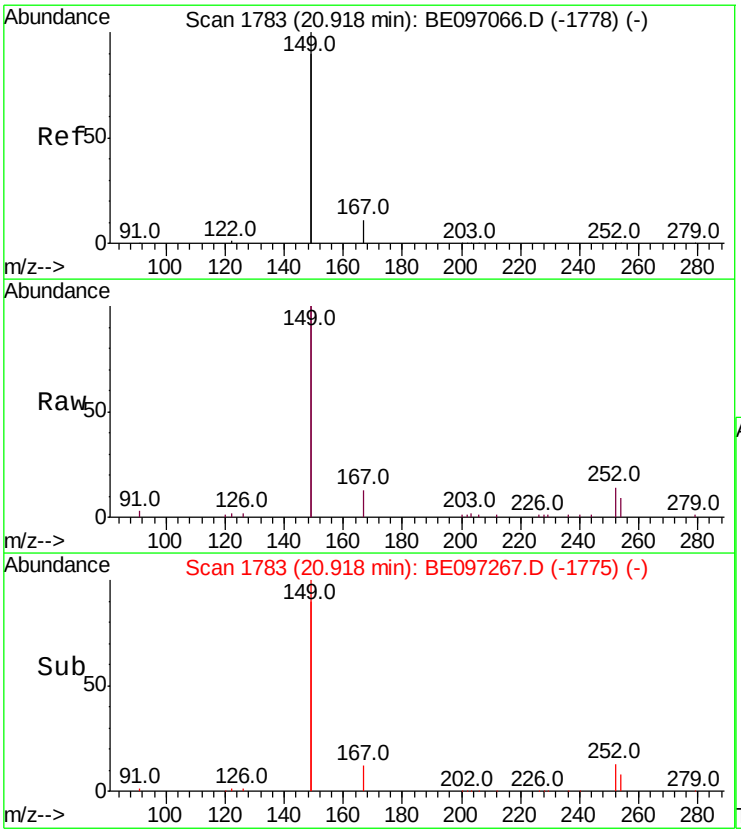
#31
Chrysene
Concen: 0.341 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6726

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.4	16.0	24.0

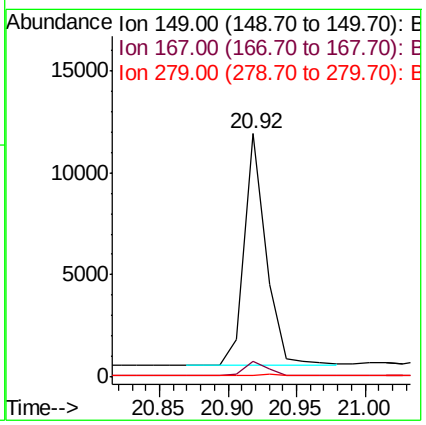


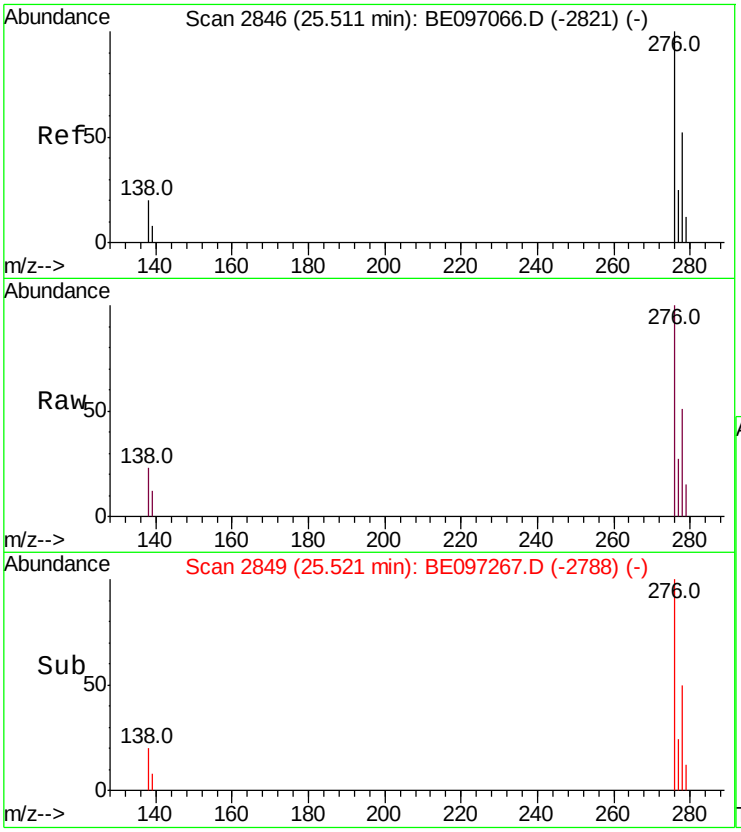


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.632 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:149 Resp: 12633

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.0	0.7	1.1



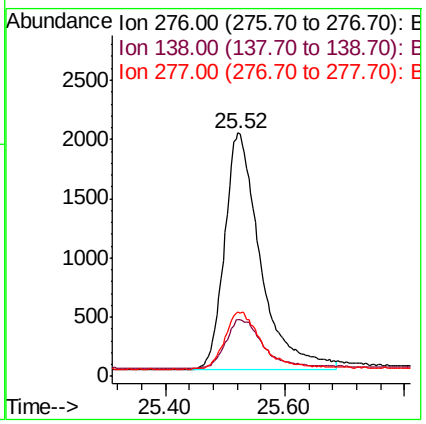


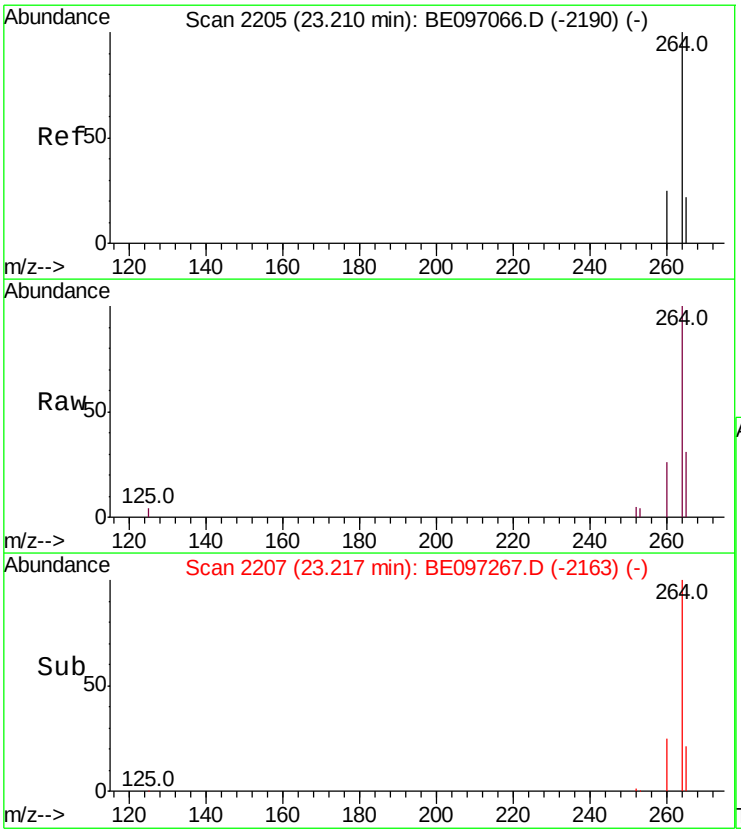
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng
RT: 25.52 min Scan# 2849
Delta R.T. 0.02 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8351

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	24.9	19.9	29.9

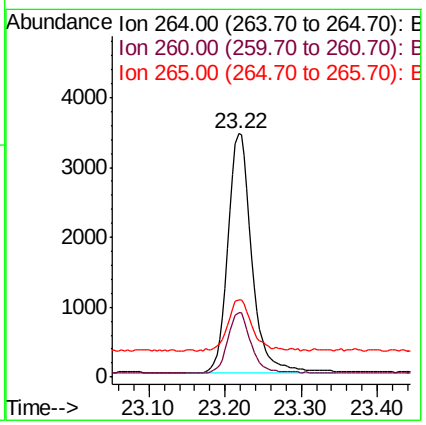


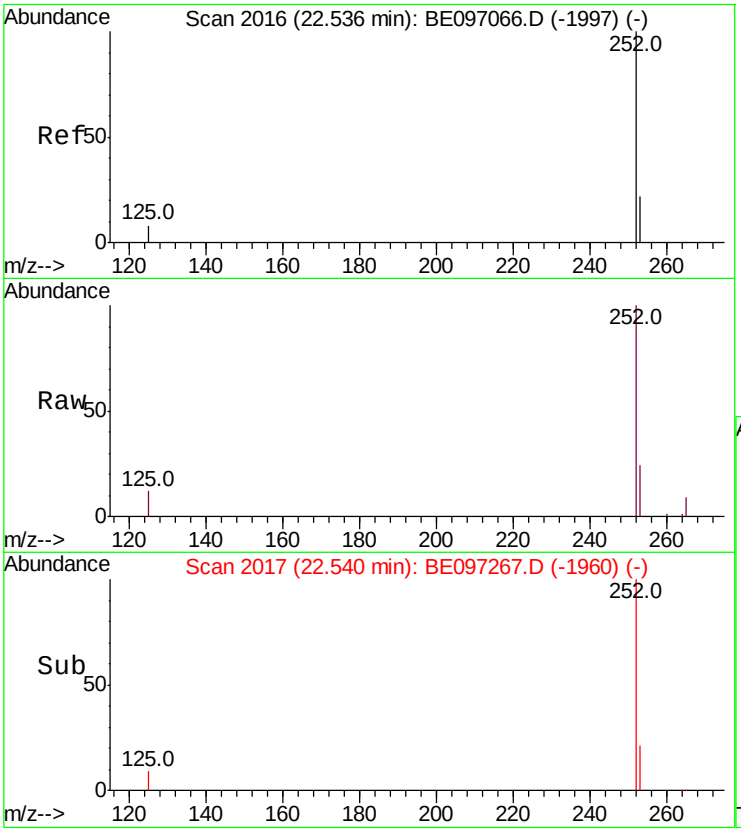


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:264 Resp: 7478

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	31.5	22.8	34.2



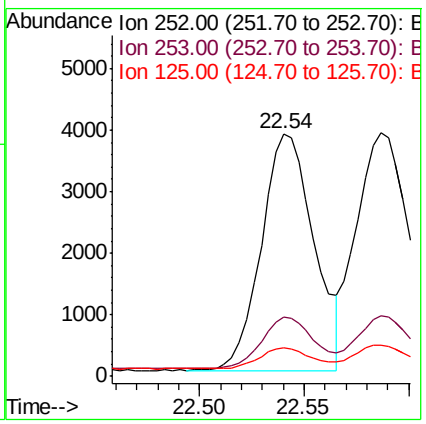


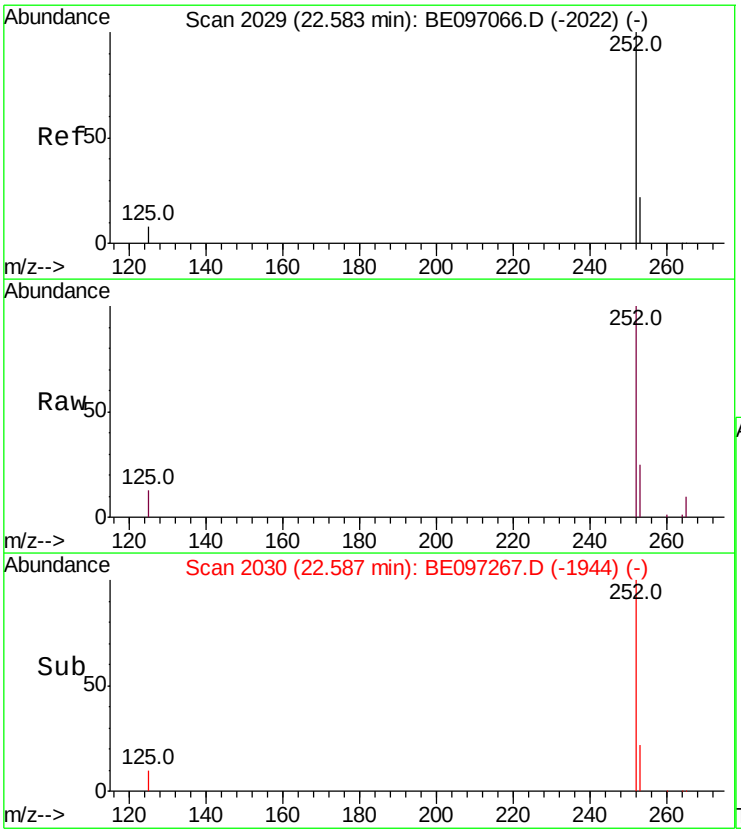
#35
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6736

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.0	30.0
125	12.0	16.0	24.0#

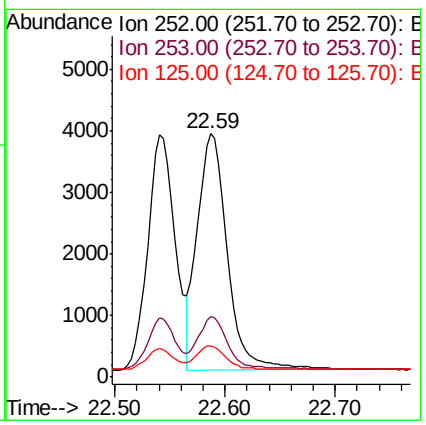


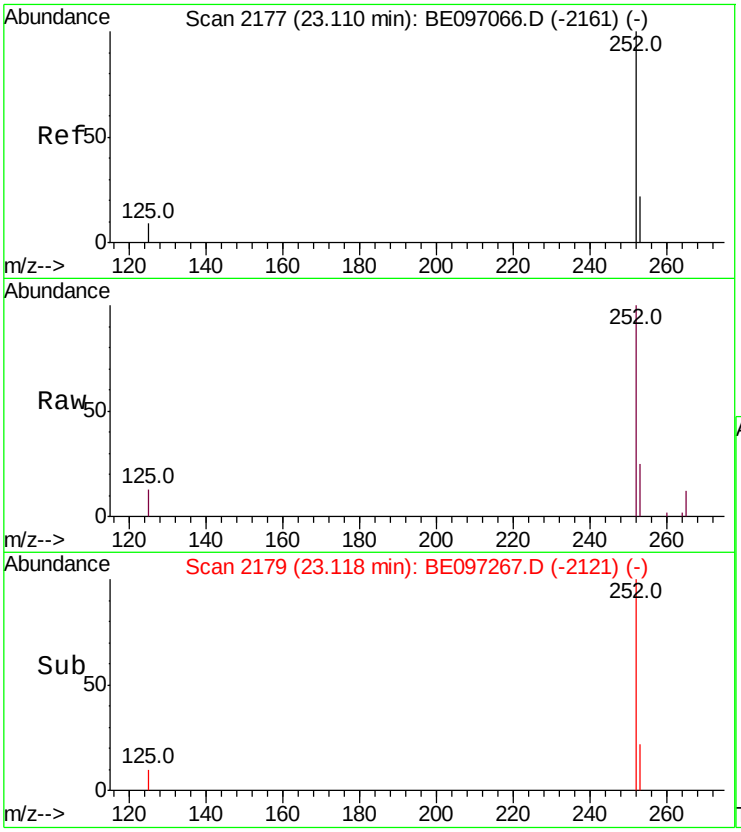


#36
Benzo(k)fluoranthene
Concen: 0.325 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:252 Resp: 7209

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	13.0	8.0	12.0#



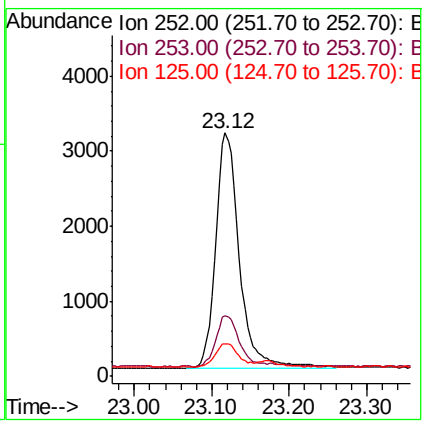


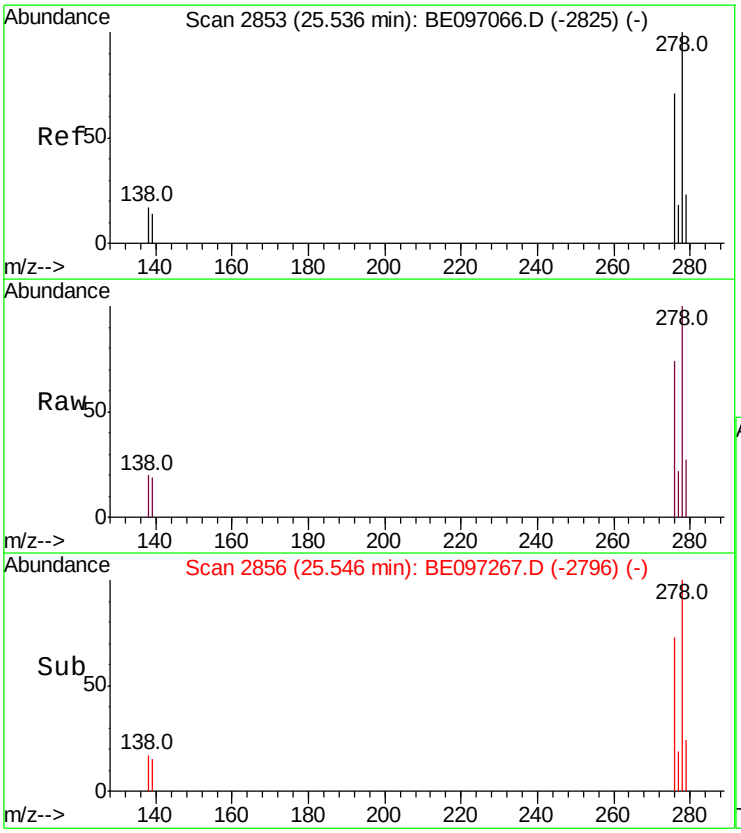
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6780

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	13.2	12.0	18.0

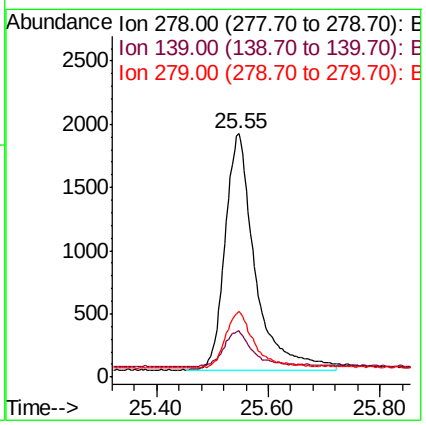


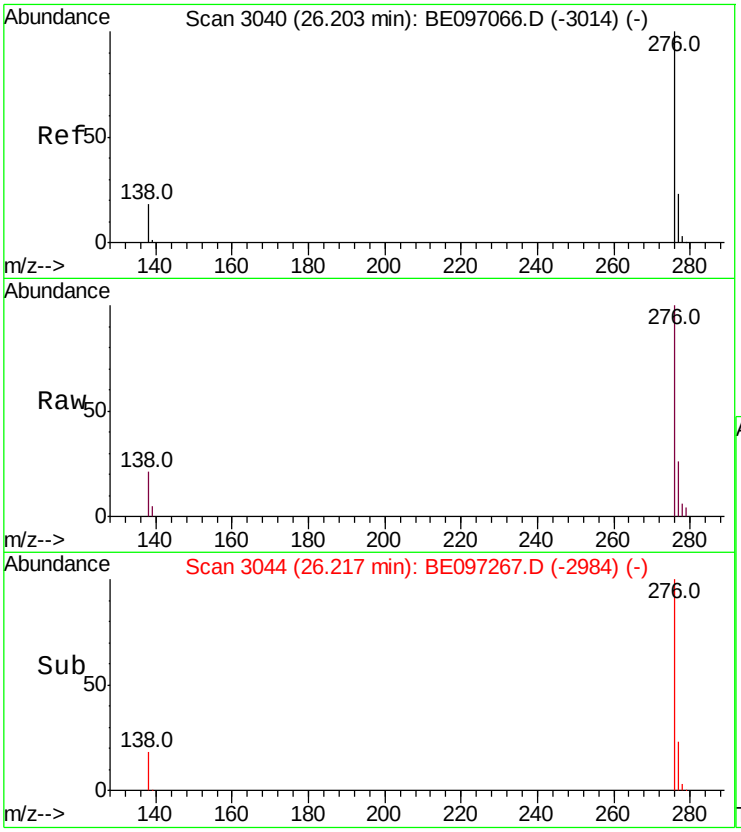


#38
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 25.55 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Tgt Ion:278 Resp: 6993

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.0	24.0
279	27.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.22 min Scan# 3044
Delta R.T. 0.01 min
Lab File: BE097267.D
Acq: 10 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6931

Ion	Ratio	Lower	Upper
276	100		
277	26.0	16.0	24.0#
138	21.4	20.0	30.0