Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097356.D
Acq On : 23 Aug 2018 12:32
Operator : SJ/JU
Sample : PB112113BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 23 14:23:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1264	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	5245	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2286	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	5083	0.40	ng		0.00
27) Chrysene-d12	20.97	240	4788	0.40	ng		0.00
34) Perylene-d12	23.21	264	4722	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1037	0.28	ng		0.00
5) Phenol-d6	6.60	99	1259	0.25	ng		0.00
8) Nitrobenzene-d5	8.52	82	1255	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2700	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	109	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3392	0.40	ng		0.00
25) Fluoranthene-d10	18.81	212	14025	0.24	ng		0.00
29) Terphenyl-d14	19.42	244	3407	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	564	0.251	ng	#	25
3) n-Nitrosodimethylamine	3.38	42	645	0.307	ng		100
6) bis(2-Chloroethyl)ether	6.83	93	1236	0.269	ng		91
9) Naphthalene	10.18	128	15051	0.315	ng		100
10) Hexachlorobutadiene	10.47	225	616	0.289	ng		97
12) 2-Methylnaphthalene	11.80	142	2214	0.294	ng		100
16) Acenaphthylene	13.73	152	2517	0.277	ng		99
17) Acenaphthene	14.07	154	1756	0.290	ng		93
18) Fluorene	15.06	166	2107	0.275	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	671	0.290	ng	#	77
21) Hexachlorobenzene	16.08	284	773	0.302	ng	#	82
22) Pentachlorophenol	16.44	266	268	0.472	ng	#	81
23) Phenanthrene	16.80	178	3710	0.307	ng		98
24) Anthracene	16.89	178	3035	0.295	ng		96
26) Fluoranthene	18.84	202	3855	0.254	ng		98
28) Pyrene	19.20	202	3852	0.338	ng		99
30) Benzo(a)anthracene	20.95	228	3474	0.287	ng		98
31) Chrysene	21.00	228	4015	0.308	ng		97
32) Bis(2-ethylhexyl)phthalate	20.92	149	3830	0.308	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	5464	0.319	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	3709	0.298	ng	#	92
36) Benzo(k)fluoranthene	22.58	252	4101	0.298	ng	#	89
37) Benzo(a)pyrene	23.11	252	3526	0.289	ng	#	91
38) Dibenzo(a,h)anthracene	25.53	278	4721	0.322	ng		96
39) Benzo(g,h,i)perylene	26.20	276	4777	0.313	ng	#	90

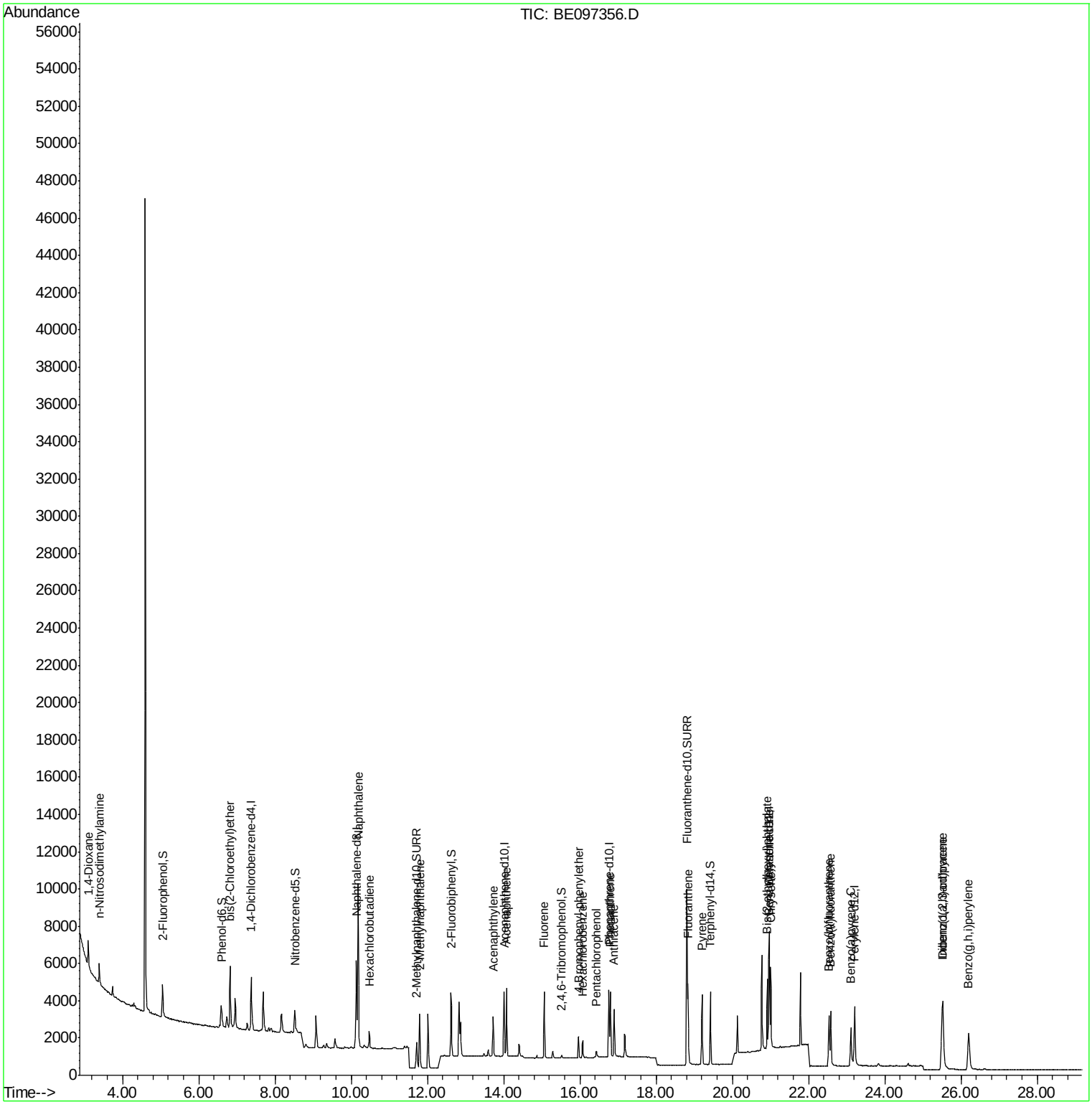
(#) = qualifier out of range (m) = manual integration (+) = signals summed

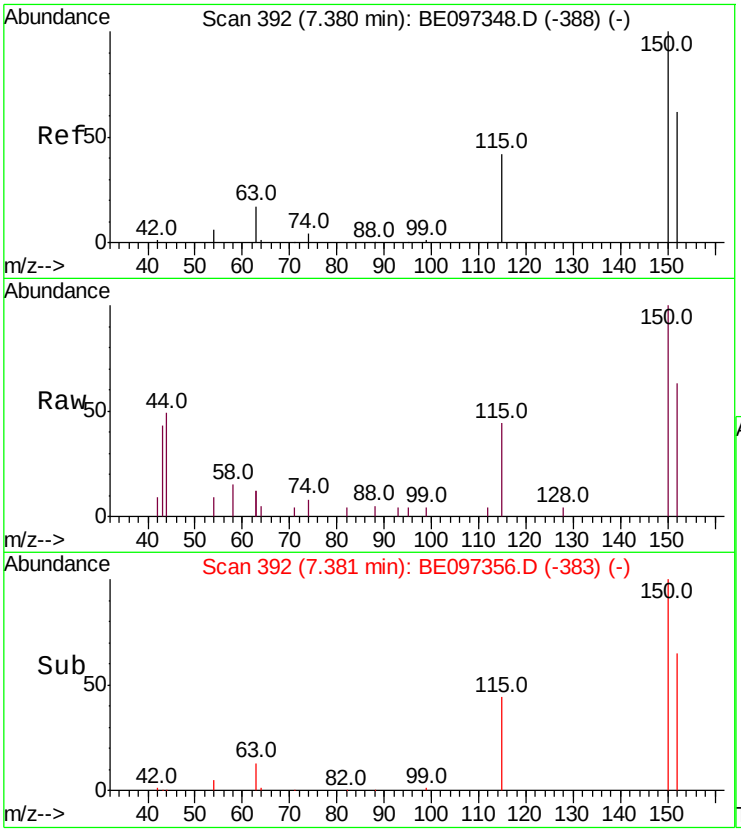
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097356.D
Acq On : 23 Aug 2018 12:32
Operator : SJ/JU
Sample : PB112113BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 23 14:23:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



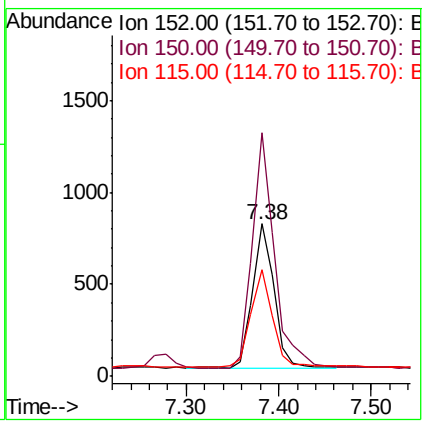


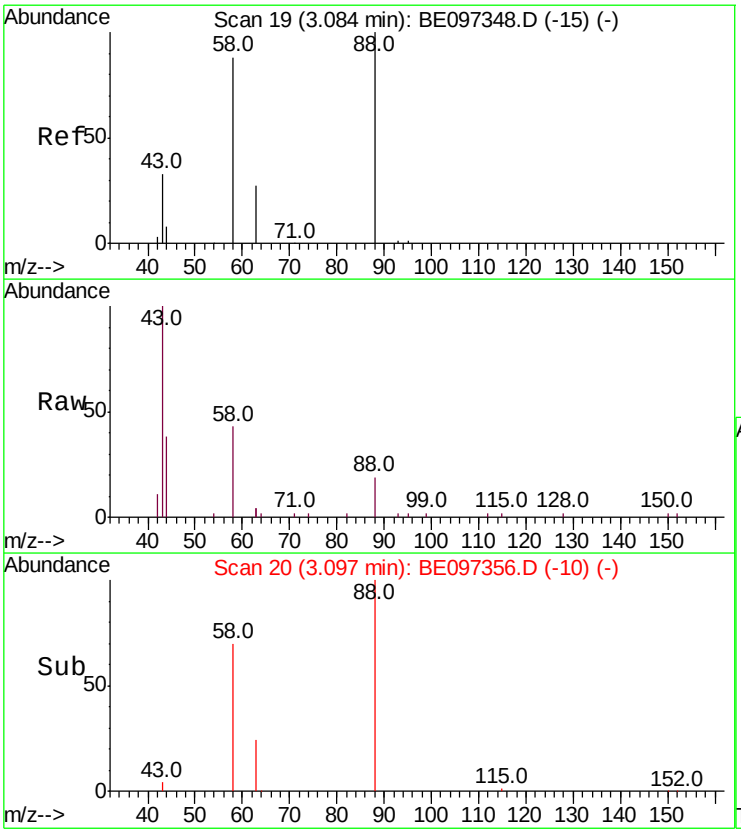
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1264

Ion	Ratio	Lower	Upper
152	100		
150	159.7	117.2	175.8
115	70.3	57.0	85.6

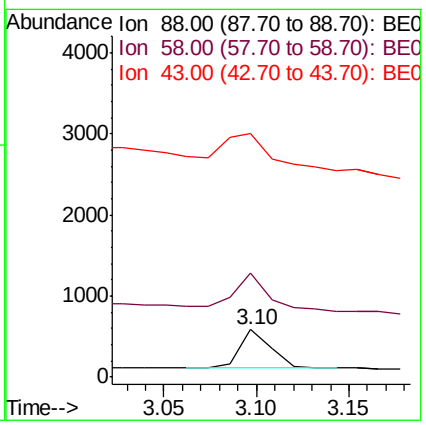


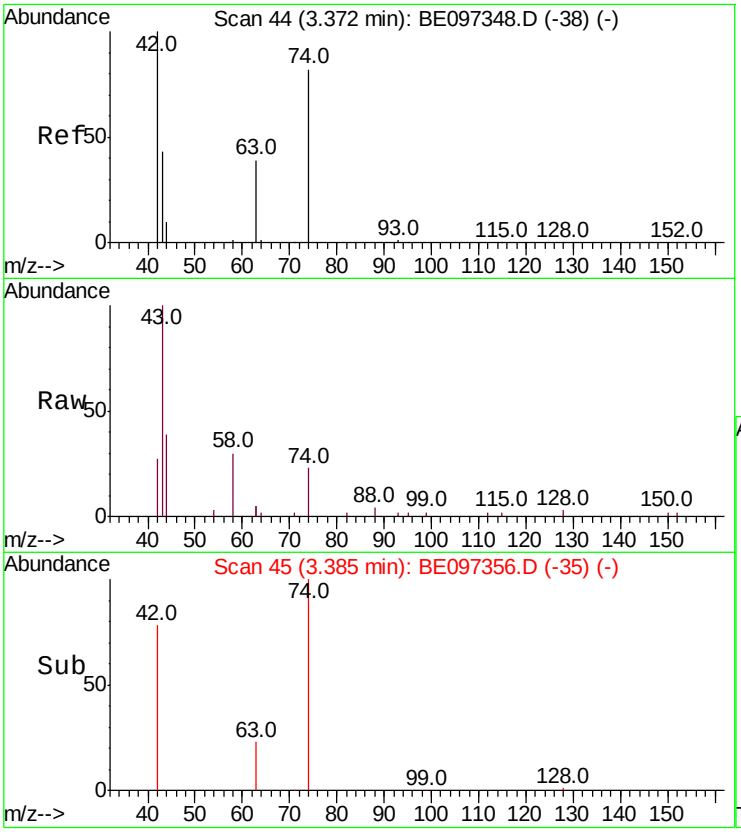


#2
1,4-Dioxane
Concen: 0.251 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion: 88 Resp: 564

Ion	Ratio	Lower	Upper
88	100		
58	115.4	63.2	94.8#
43	140.4	41.2	61.8#

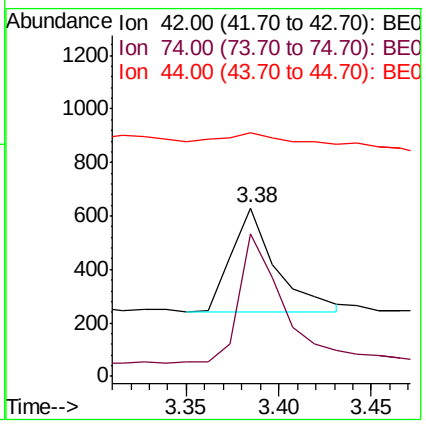




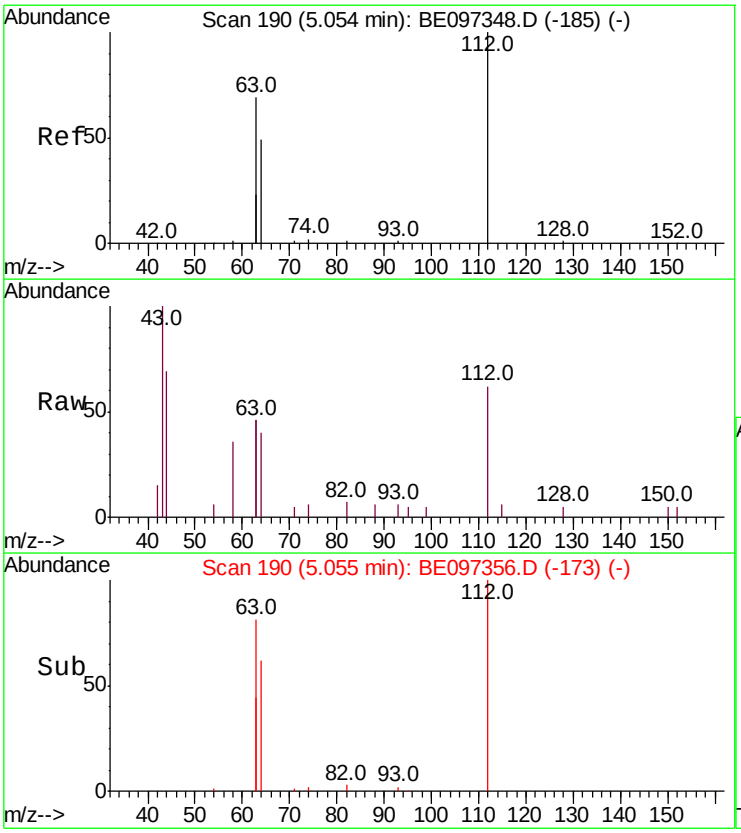
#3
n-Nitrosodimethylamine
Concen: 0.307 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion: 42 Resp: 645

Ion	Ratio	Lower	Upper
42	100		
74	119.5	96.0	144.0
44	14.7	12.0	18.0



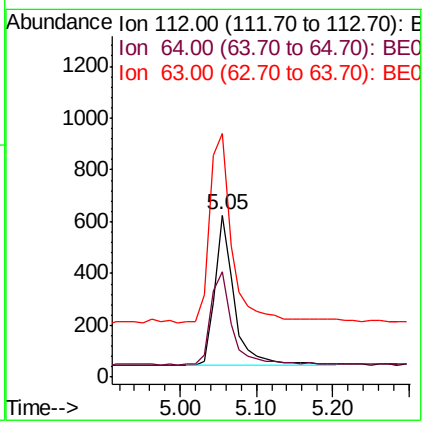
Instrument :
BNA_E
ClientSampleId :

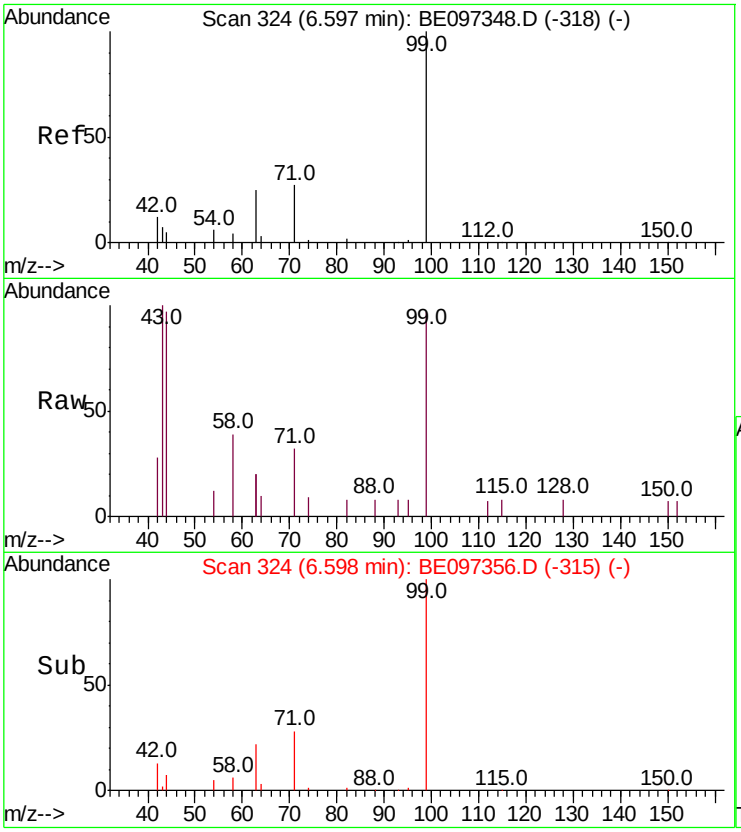


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:112 Resp: 1037

Ion	Ratio	Lower	Upper
112	100		
64	67.6	60.1	90.1
63	140.5	116.8	175.2



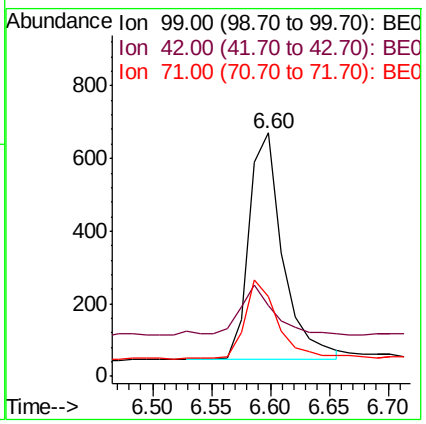


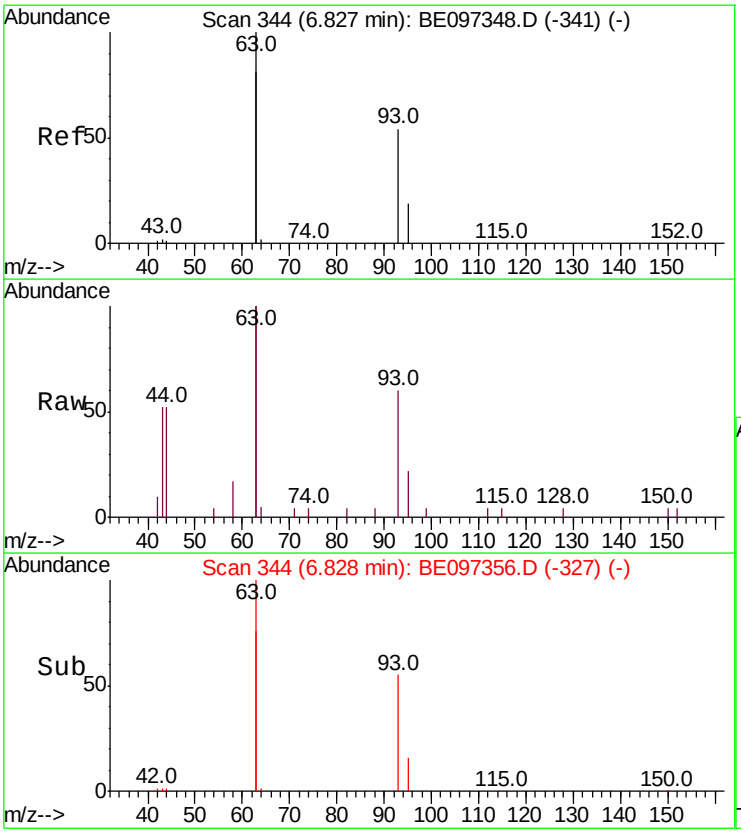
#5
Phenol-d6
Concen: 0.252 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1259

Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.2	30.2
71	34.2	28.4	42.6

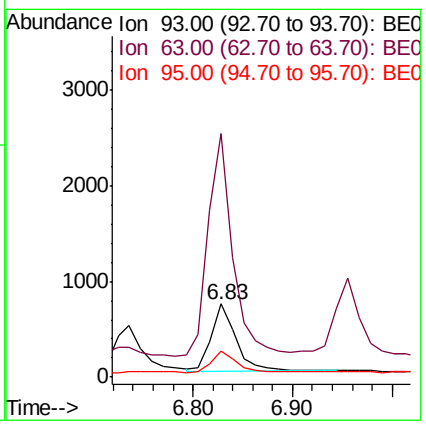


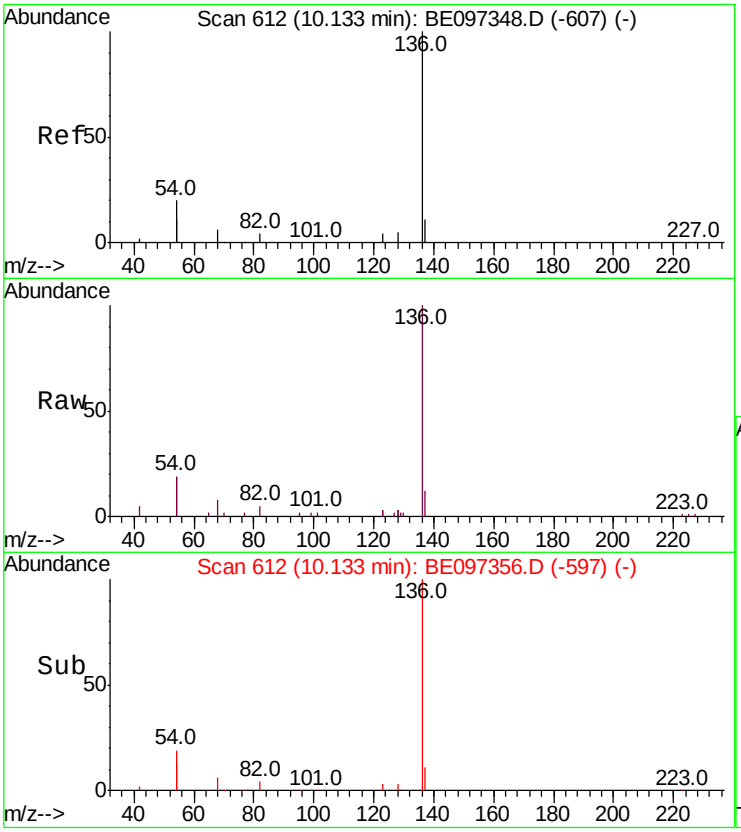


#6
bis(2-Chloroethyl)ether
Concen: 0.269 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion: 93 Resp: 1236

Ion	Ratio	Lower	Upper
93	100		
63	323.4	275.3	412.9
95	30.5	25.2	37.8



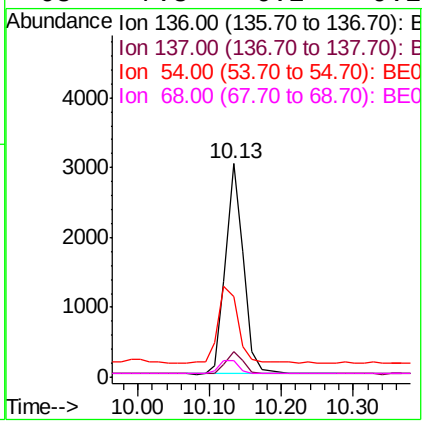


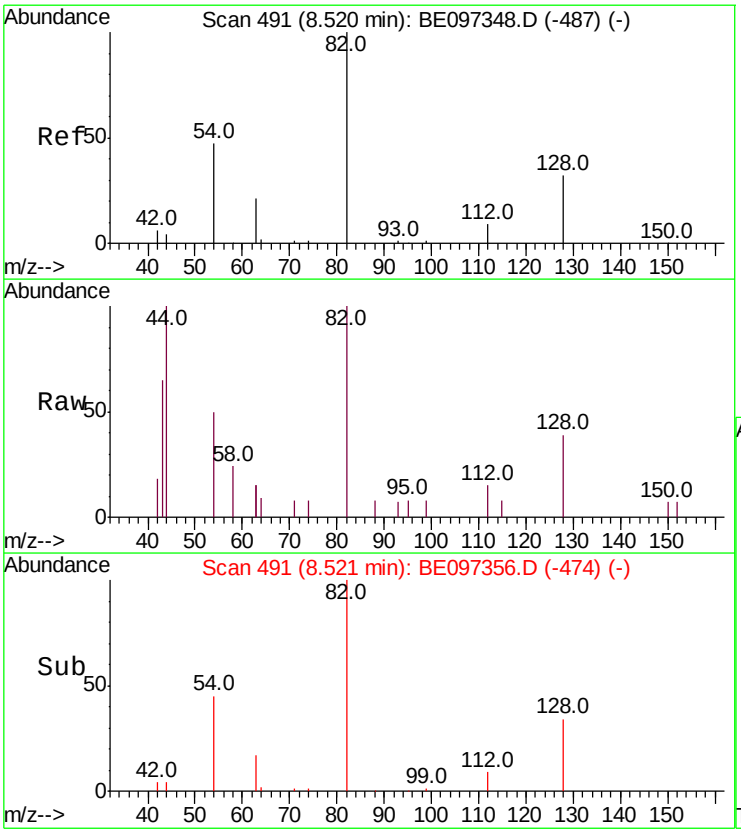
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5245

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	37.9	29.1	43.7
68	7.8	6.2	9.2

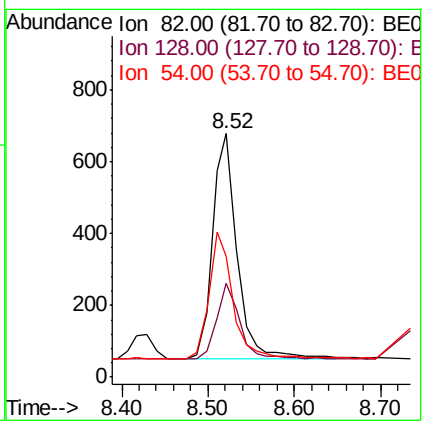


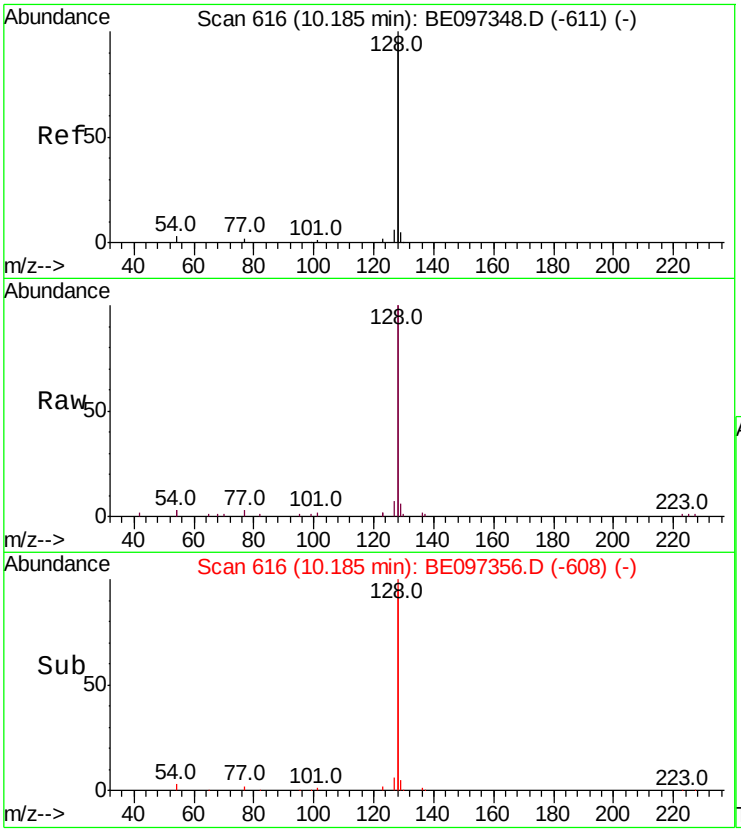


#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion: 82 Resp: 1255

Ion	Ratio	Lower	Upper
82	100		
128	38.6	24.0	36.0#
54	49.7	40.0	60.0



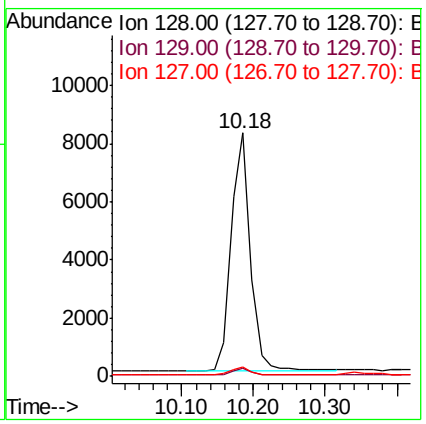


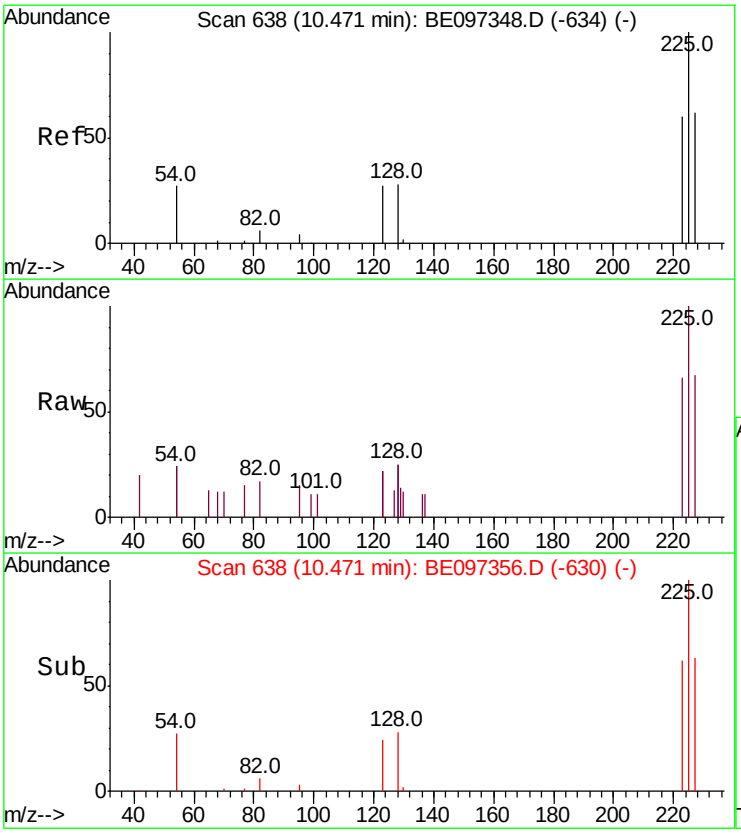
#9
Naphthalene
Concen: 0.315 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 15051

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

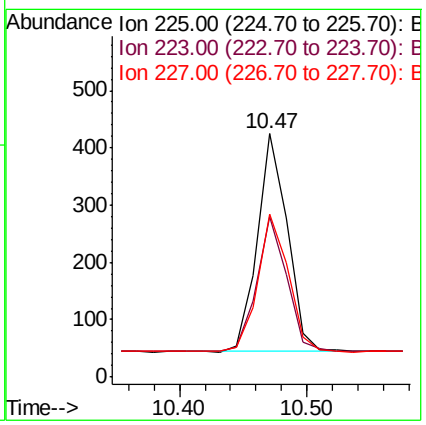


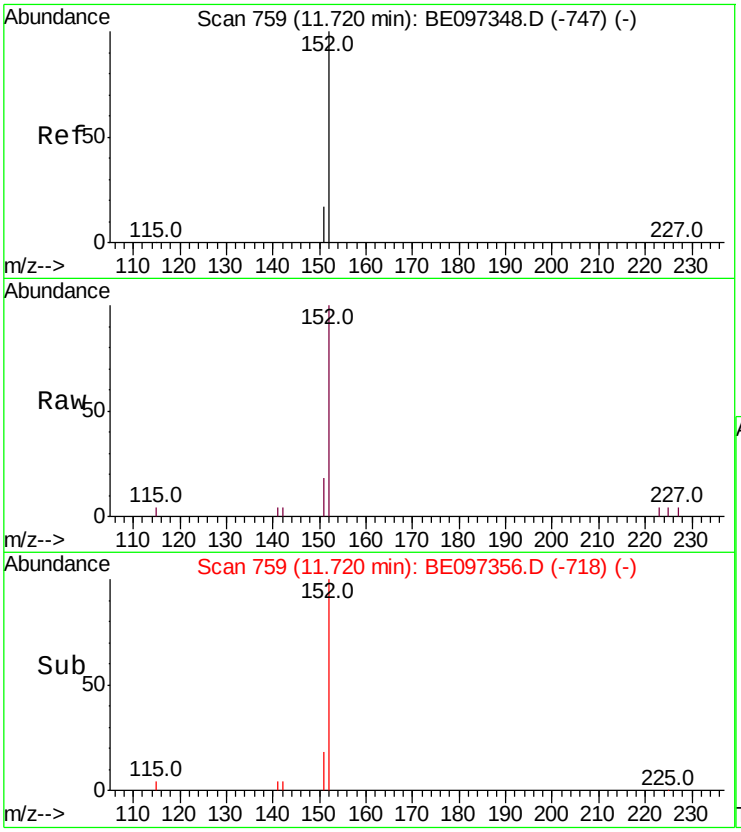


#10
Hexachlorobutadiene
Concen: 0.289 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:225 Resp: 616

Ion	Ratio	Lower	Upper
225	100		
223	61.7	53.0	79.6
227	64.0	51.4	77.2



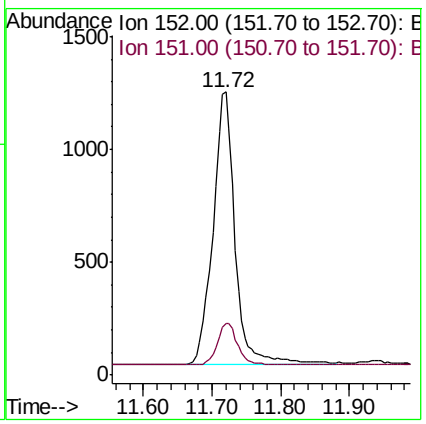


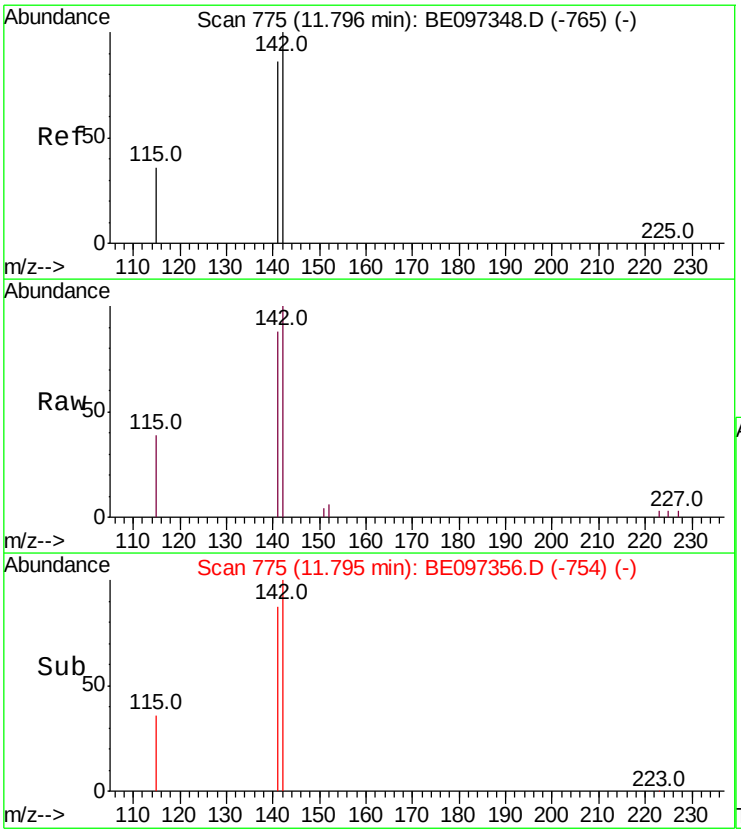
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2700

Ion	Ratio	Lower	Upper
152	100		
151	13.4	15.4	23.0#

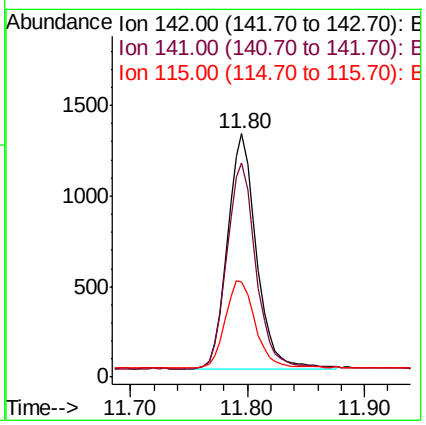


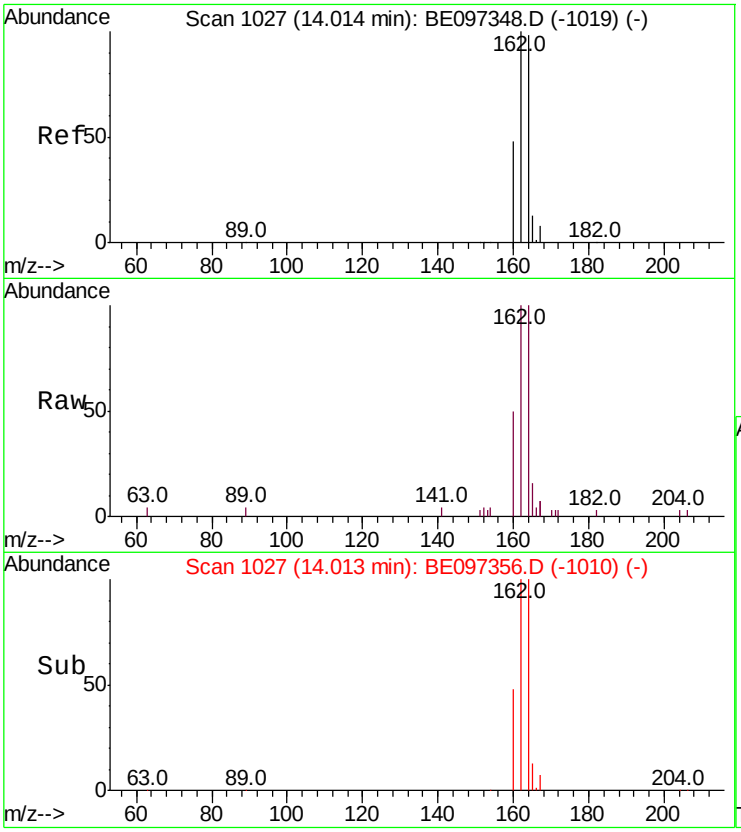


#12
2-Methylnaphthalene
Concen: 0.294 ng
RT: 11.80 min Scan# 775
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:142 Resp: 2214

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	39.2	31.7	47.5



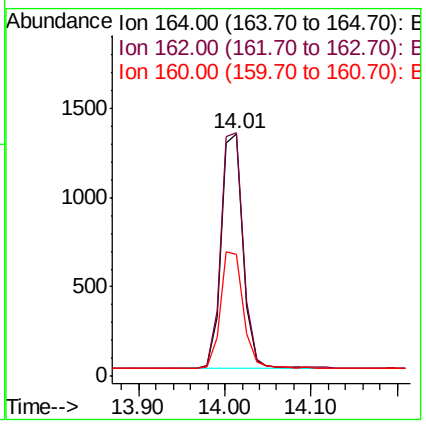


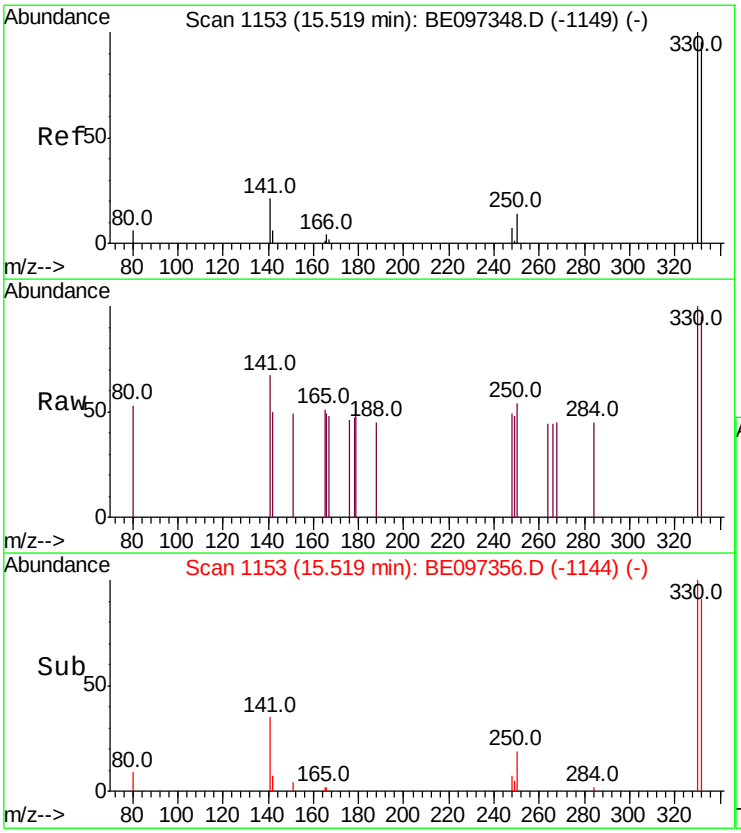
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2286

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.1	124.7
160	50.3	37.1	55.7

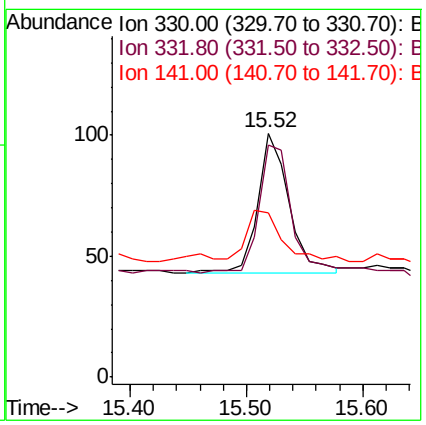


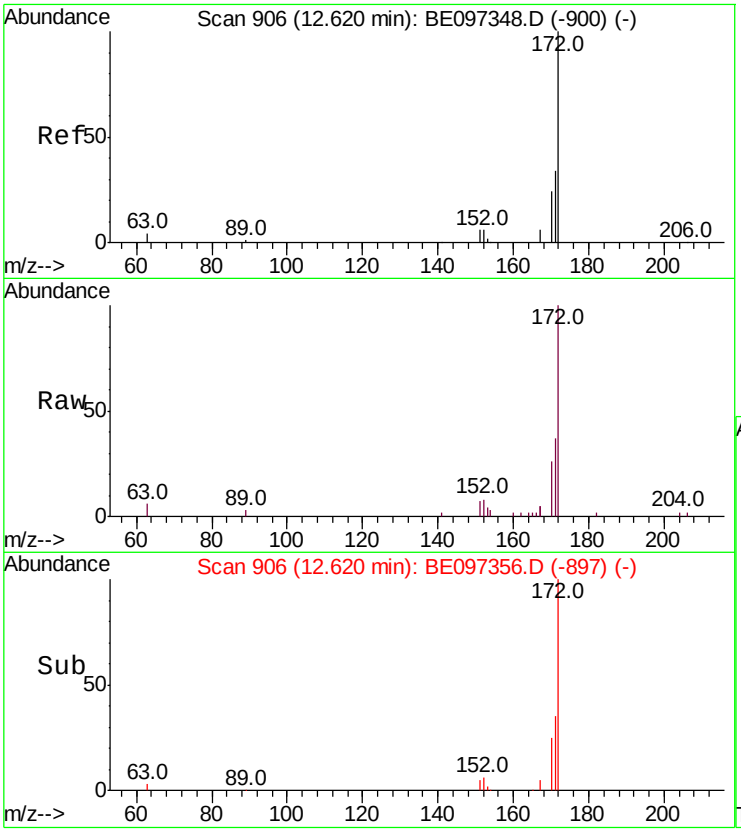


#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:330 Resp: 109

Ion	Ratio	Lower	Upper
330	100		
332	94.5	152.7	229.1#
141	34.9	33.7	50.5



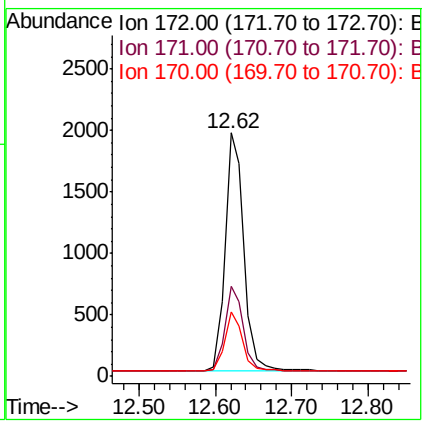


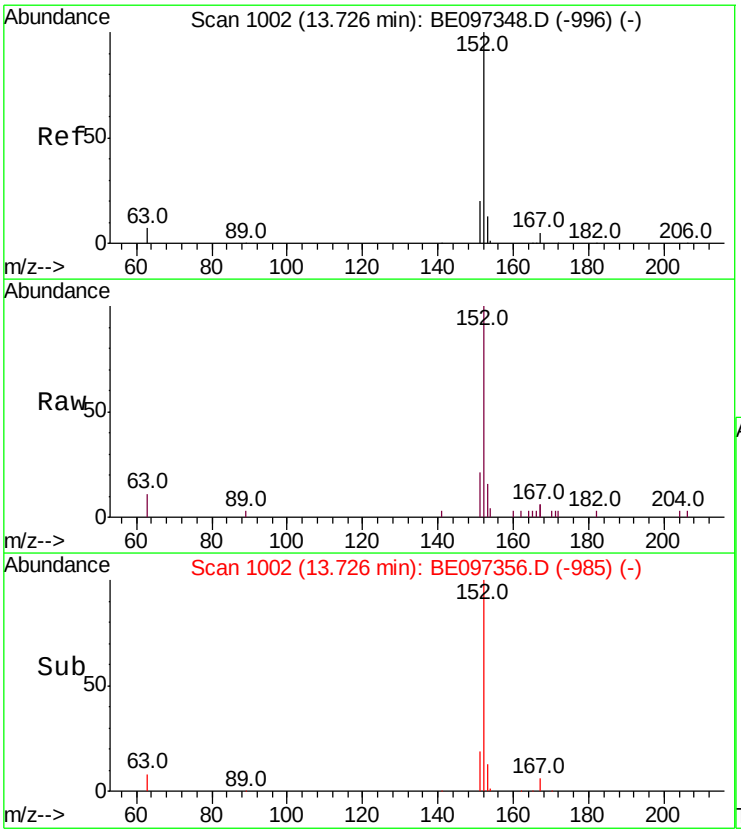
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3392

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	26.5	21.8	32.8

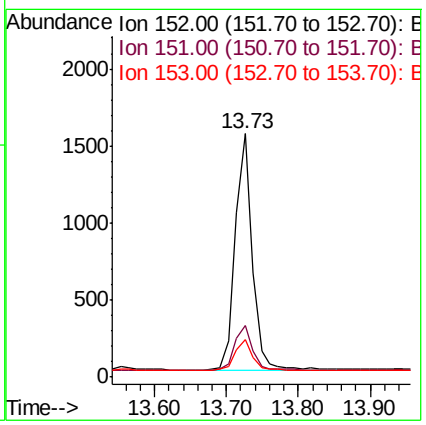


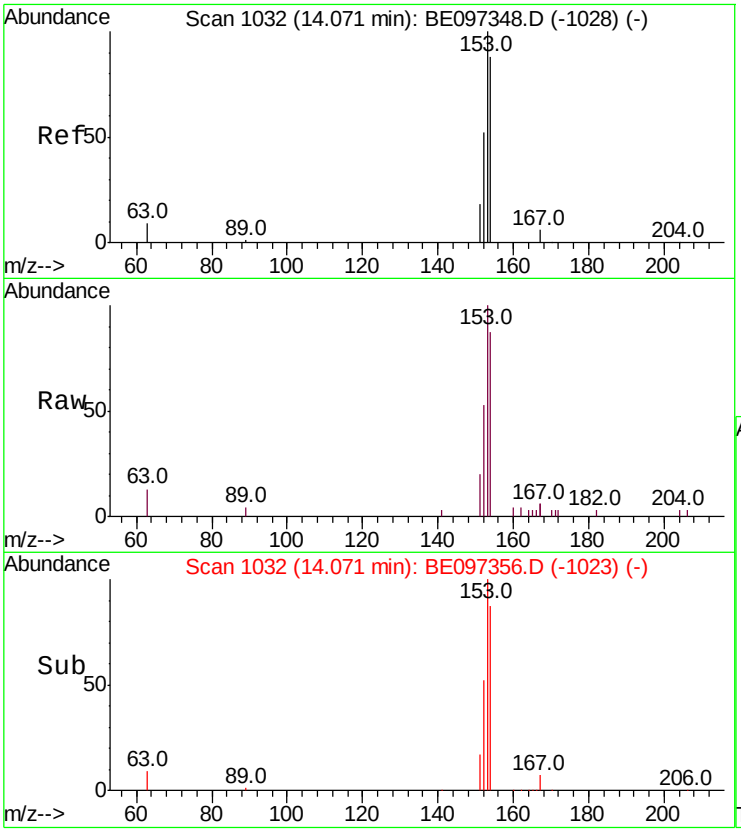


#16
Acenaphthylene
Concen: 0.277 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:152 Resp: 2517

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.3	10.5	15.7



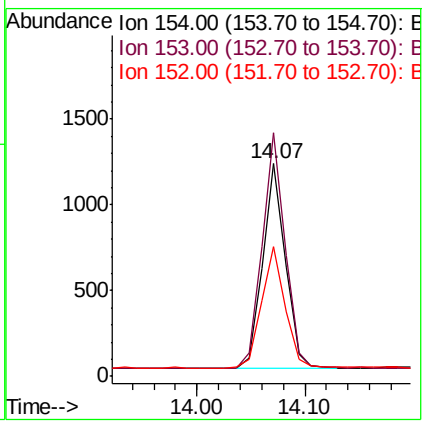


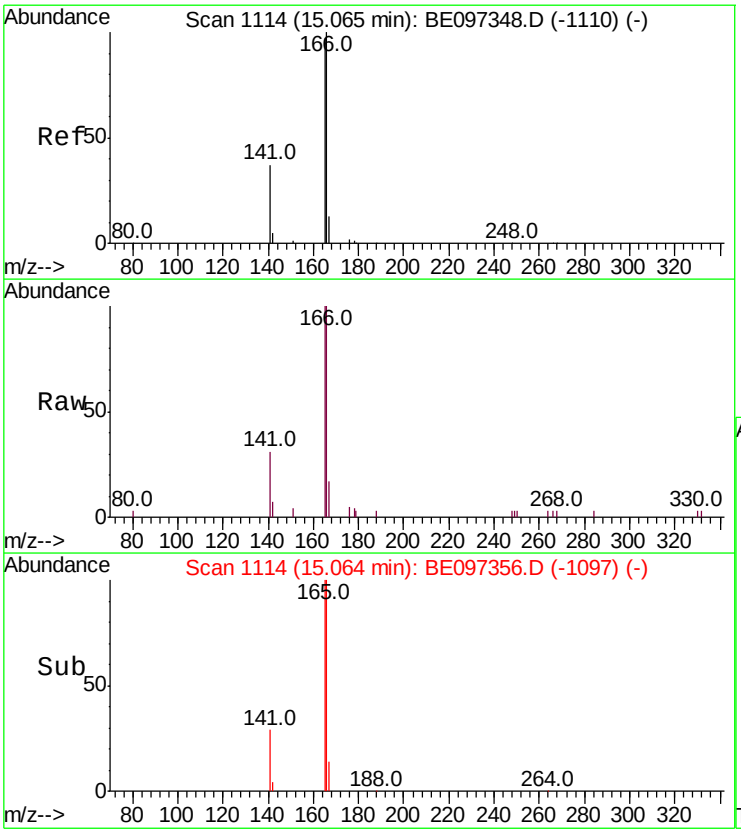
#17
Acenaphthene
Concen: 0.290 ng
RT: 14.07 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1756

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.2	133.8
152	61.6	42.0	63.0

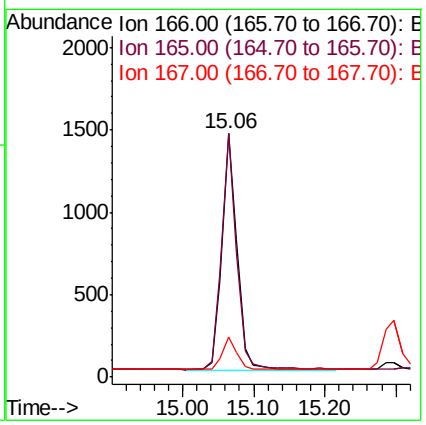


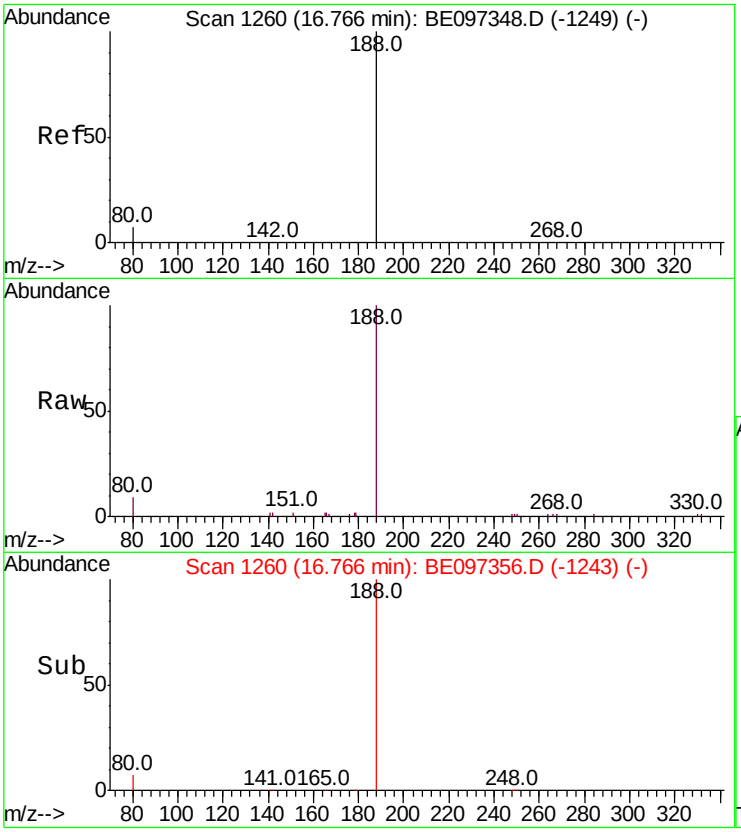


#18
Fluorene
Concen: 0.275 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:166 Resp: 2107

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.6
167	13.3	42.4	63.6#



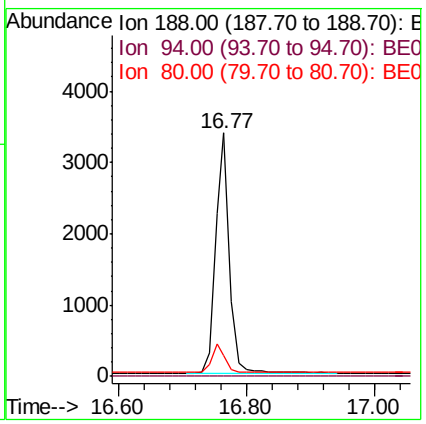


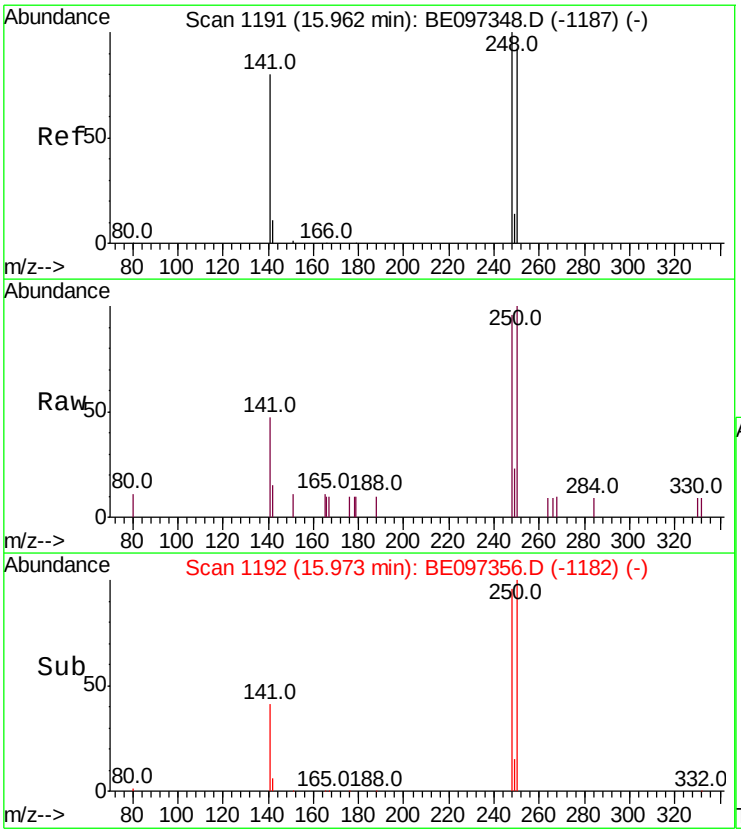
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5083

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.7	3.6	5.4#

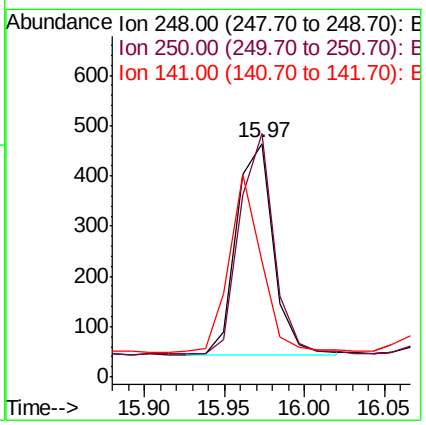


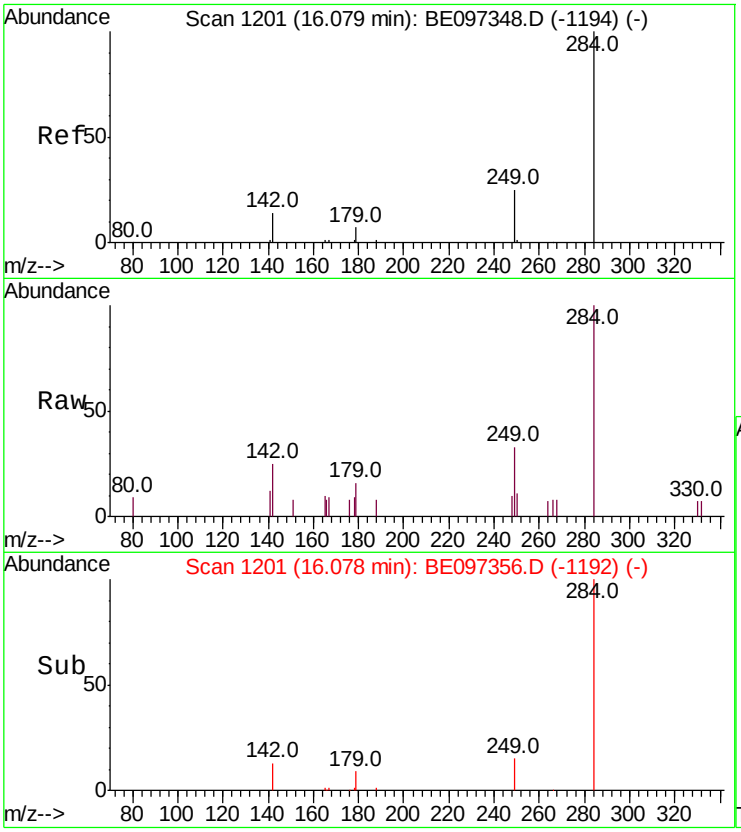


#20
4-Bromophenyl-phenylether
Concen: 0.290 ng
RT: 15.97 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:248 Resp: 671

Ion	Ratio	Lower	Upper
248	100		
250	104.1	62.7	94.1#
141	49.2	48.2	72.2



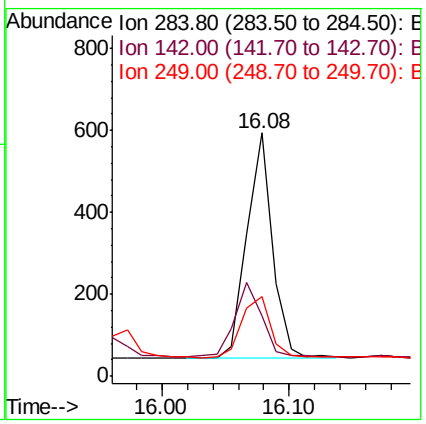


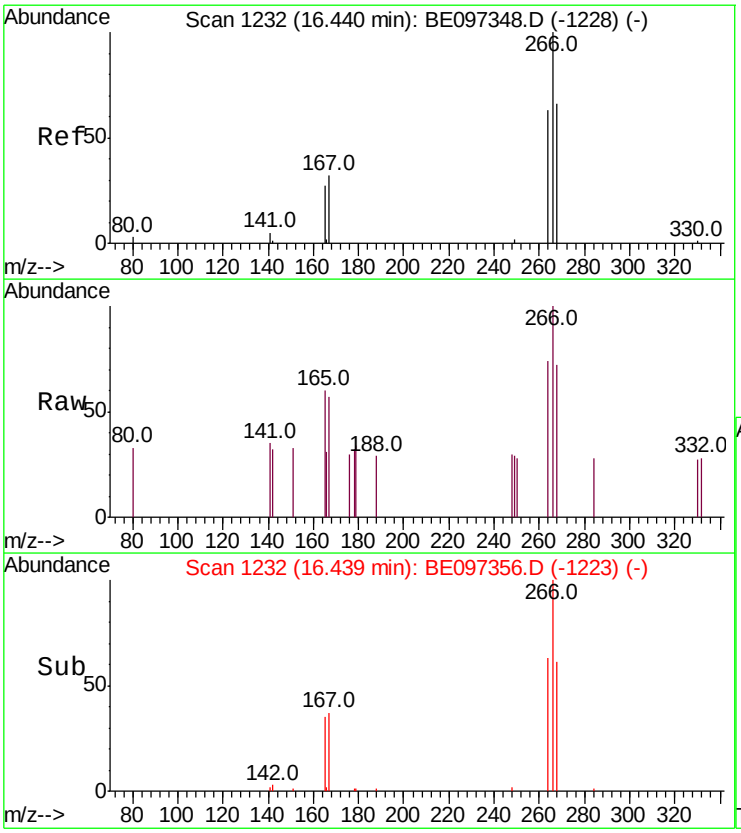
#21
Hexachlorobenzene
Concen: 0.302 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 773

Ion	Ratio	Lower	Upper
284	100		
142	34.9	22.1	33.1#
249	30.5	34.8	52.2#

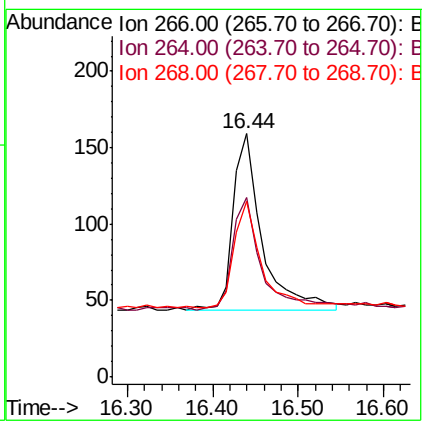


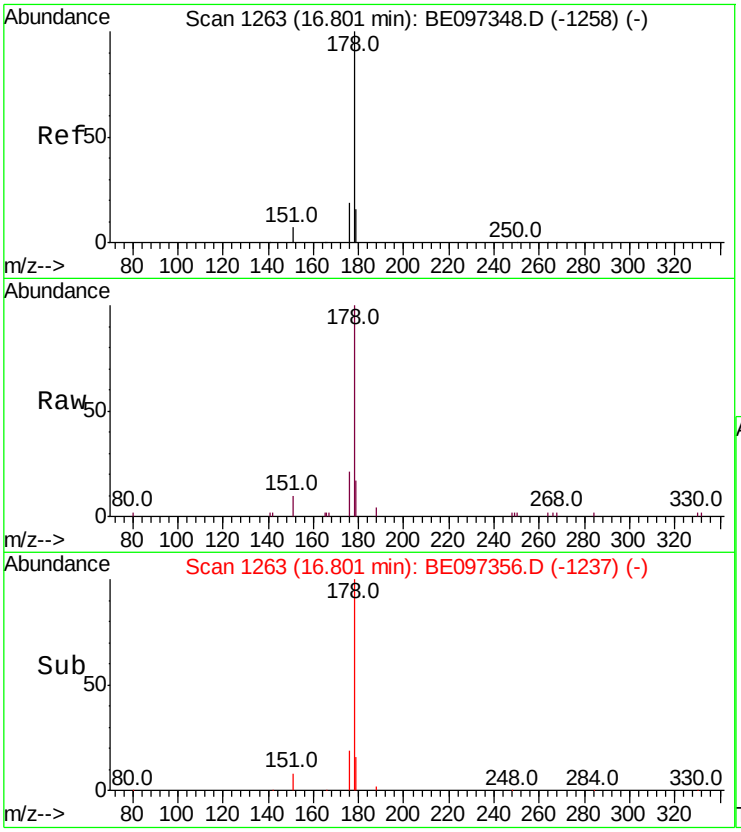


#22
Pentachlorophenol
Concen: 0.472 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:266 Resp: 268

Ion	Ratio	Lower	Upper
266	100		
264	73.6	72.5	108.7
268	72.3	73.8	110.6#



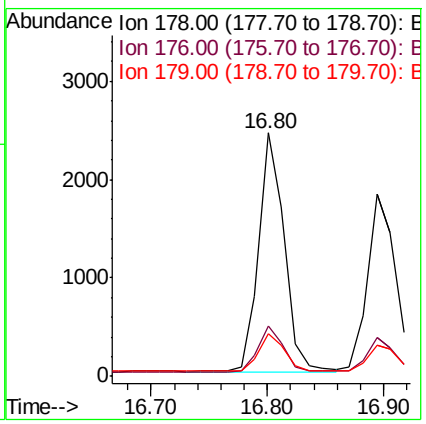


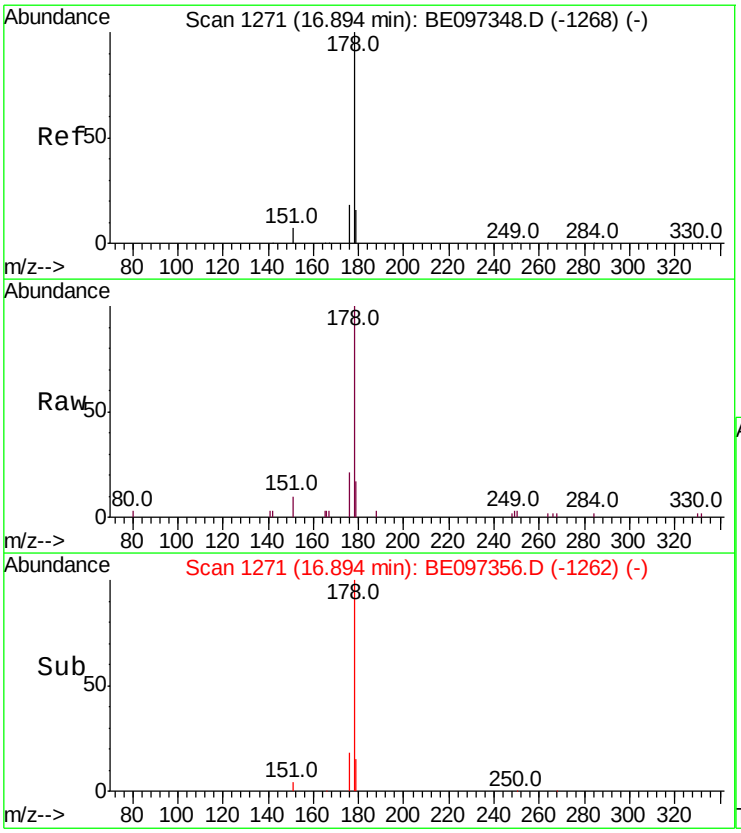
#23
Phenanthrene
Concen: 0.307 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3710

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.8	11.8	17.6

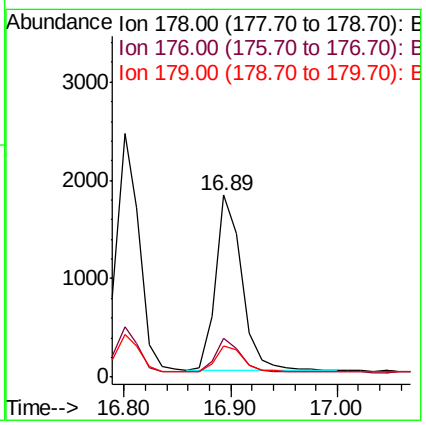


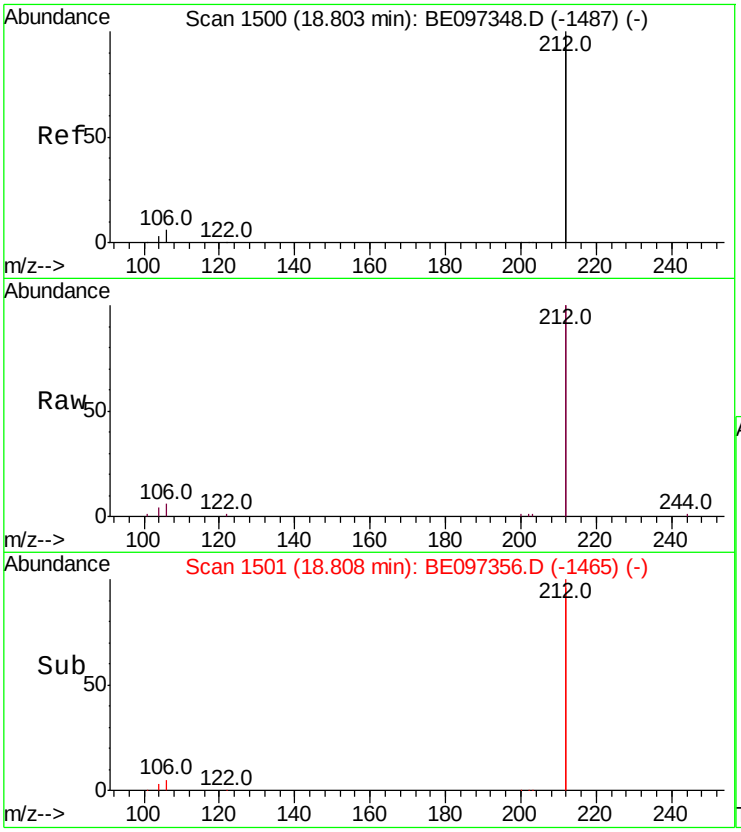


#24
Anthracene
Concen: 0.295 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:178 Resp: 3035

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.6	13.0	19.6



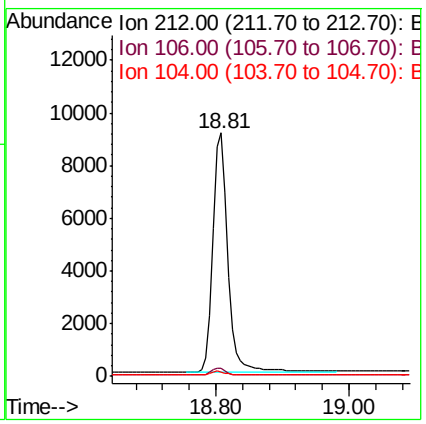


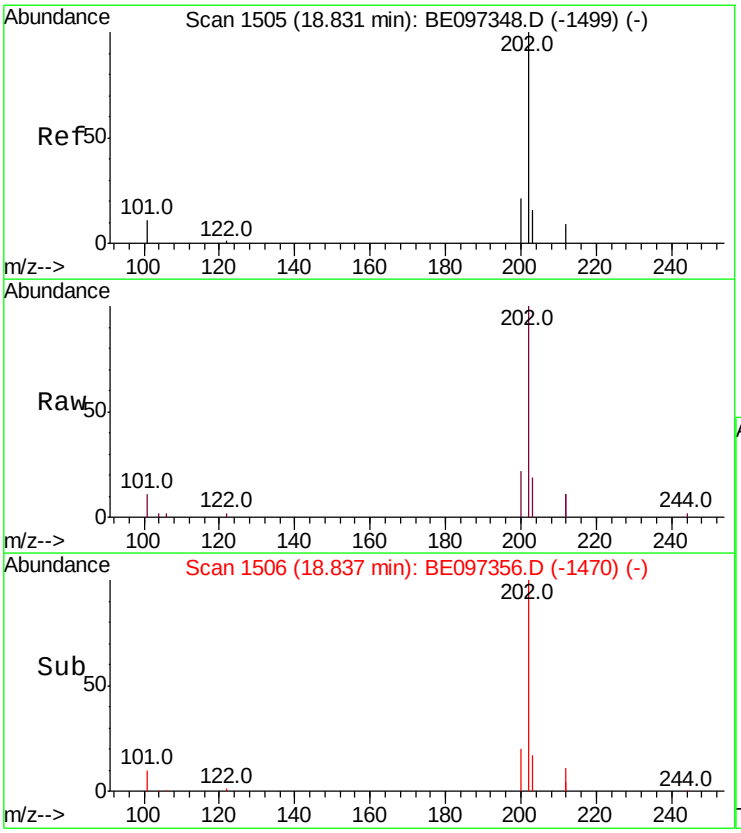
#25
Fluoranthene-d10
Concen: 0.240 ng
RT: 18.81 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 14025

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

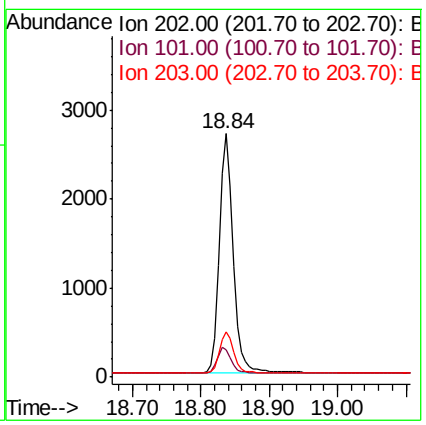


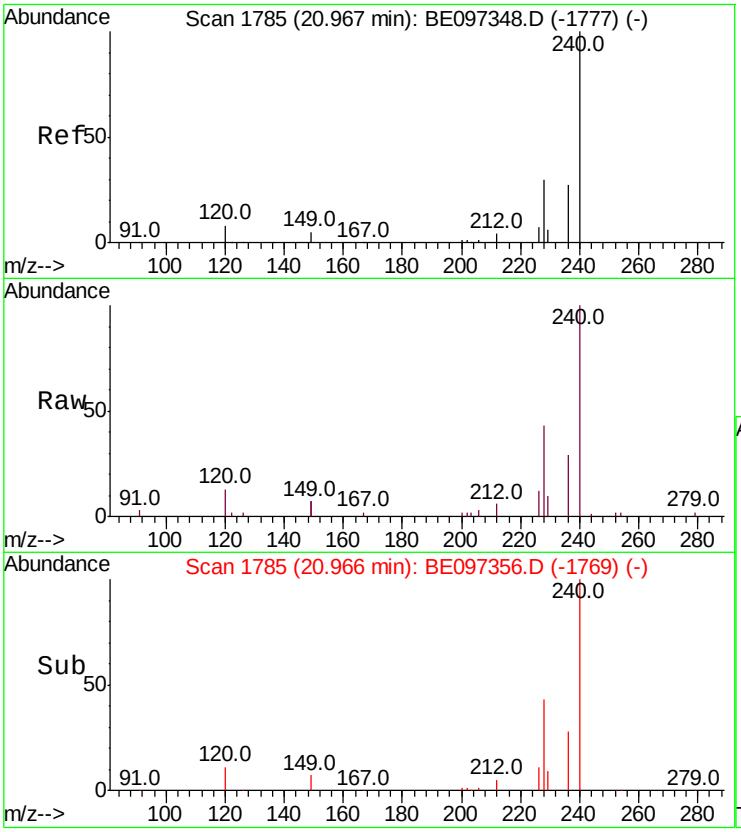


#26
Fluoranthene
Concen: 0.254 ng
RT: 18.84 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:202 Resp: 3855

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.5	13.7	20.5



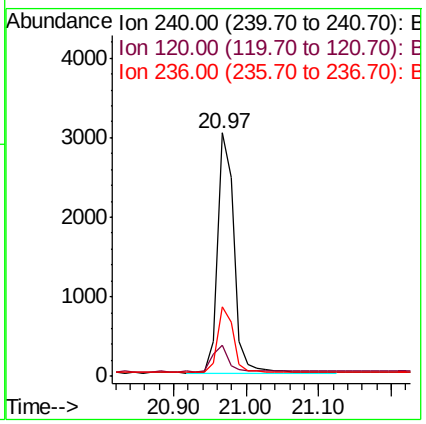


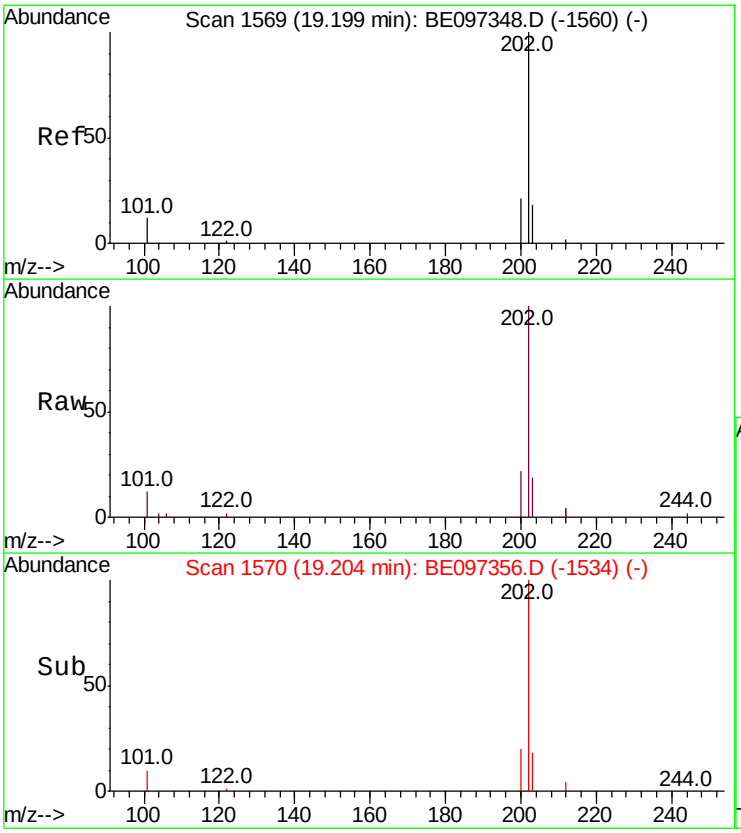
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4788

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.5	8.3#
236	28.8	20.7	31.1

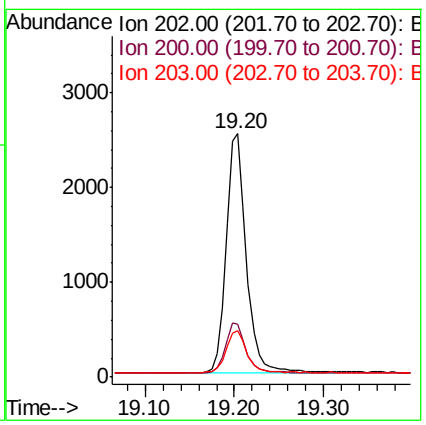


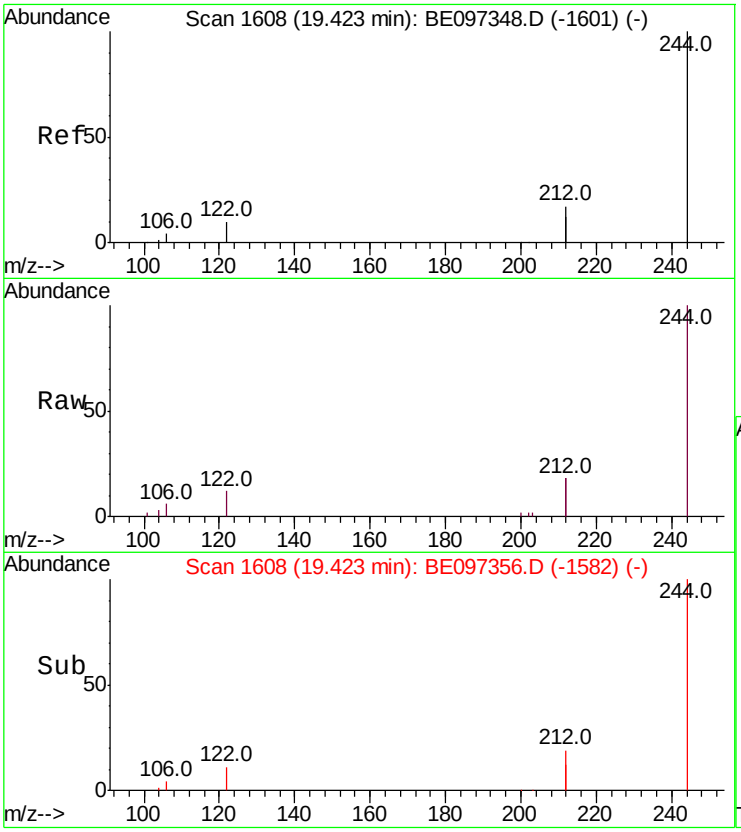


#28
Pyrene
Concen: 0.338 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:202 Resp: 3852

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	13.8	20.8



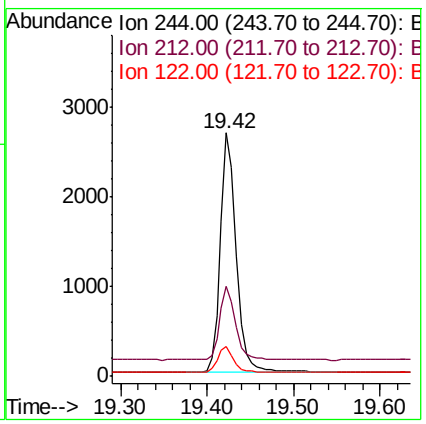


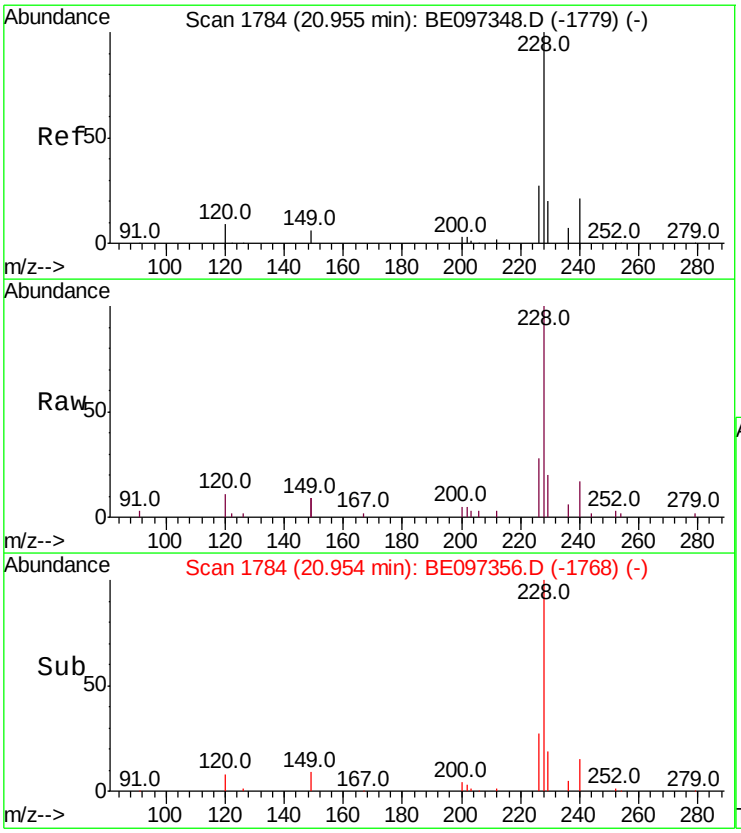
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3407

Ion	Ratio	Lower	Upper
244	100		
212	37.0	25.4	38.0
122	12.1	8.1	12.1#

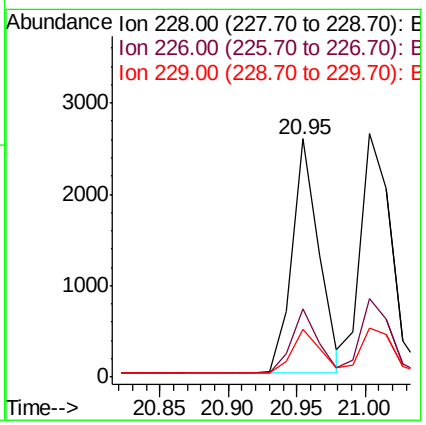


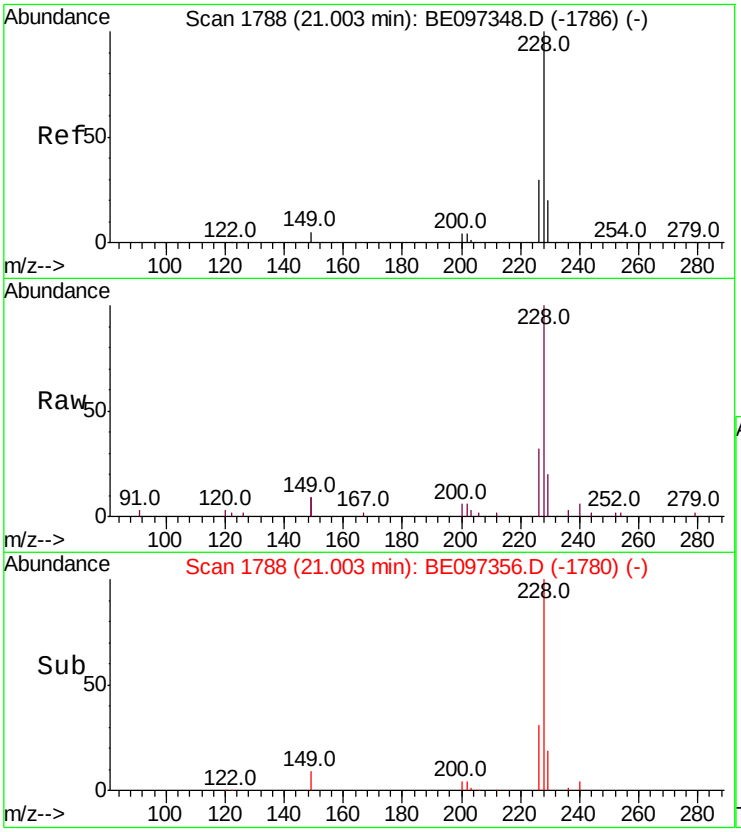


#30
Benzo(a)anthracene
Concen: 0.287 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:228 Resp: 3474

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.1	16.0	24.0



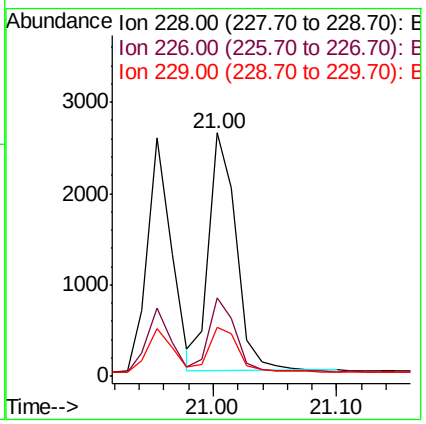


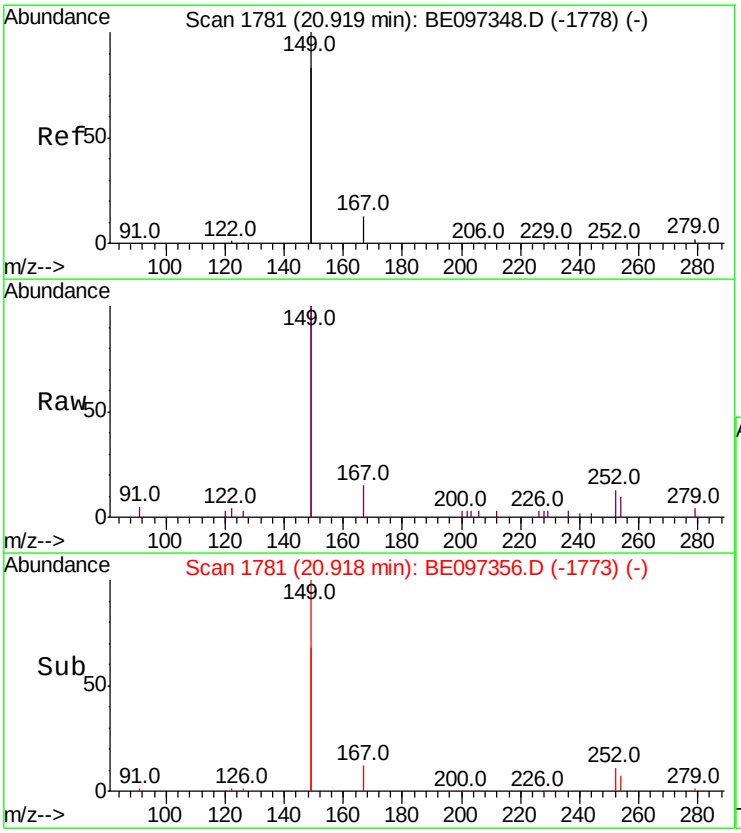
#31
Chrysene
Concen: 0.308 ng
RT: 21.00 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4015

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	20.1	16.0	24.0

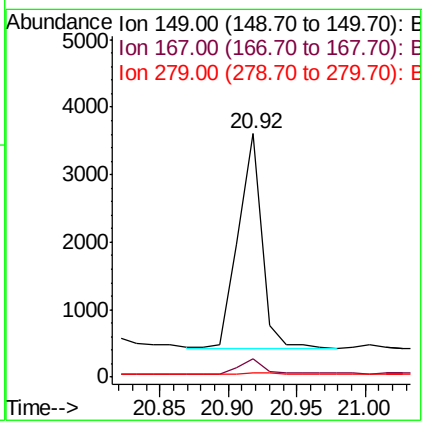


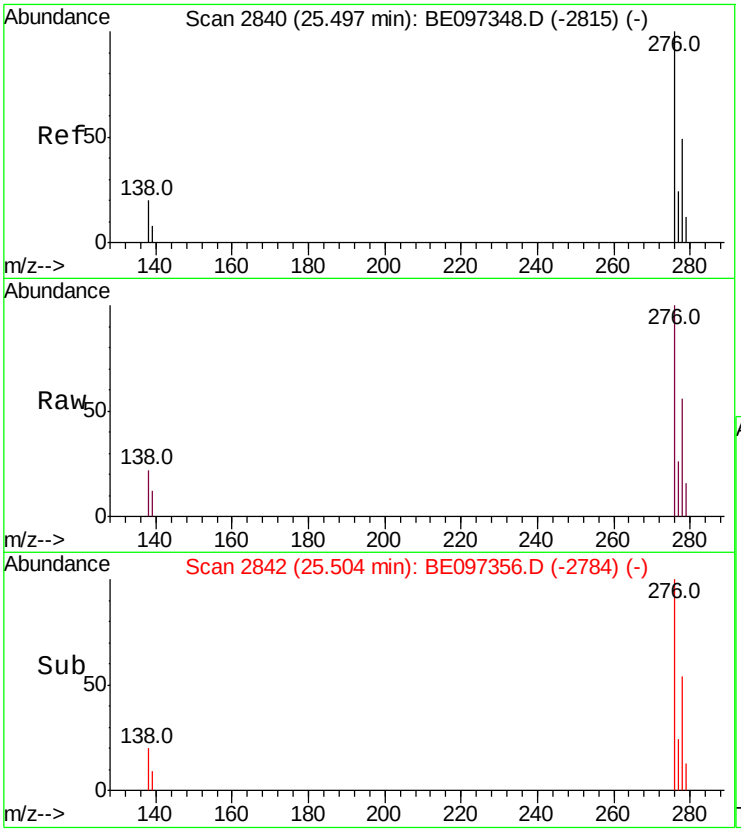


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.308 ng
RT: 20.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:149 Resp: 3830

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



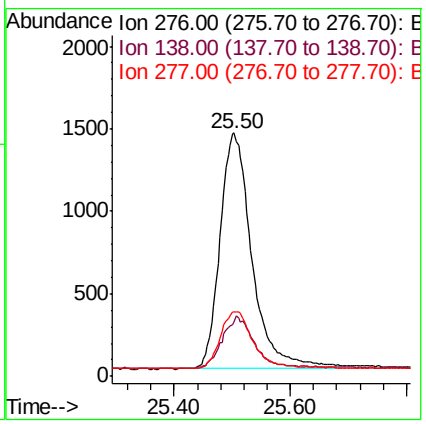


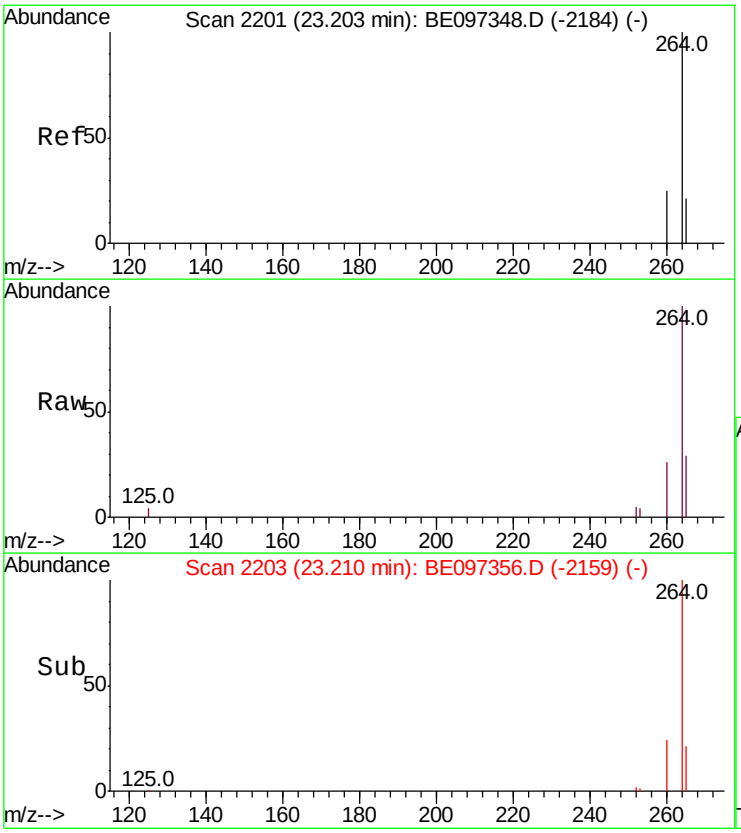
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng
RT: 25.50 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5464

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.5	19.9	29.9

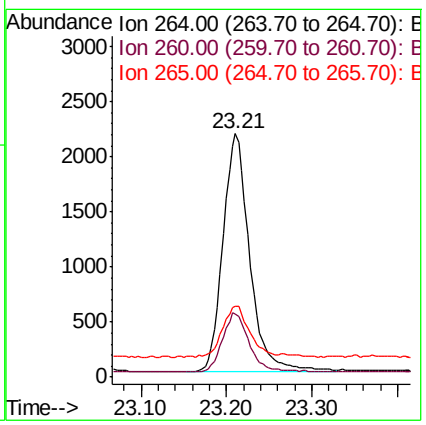


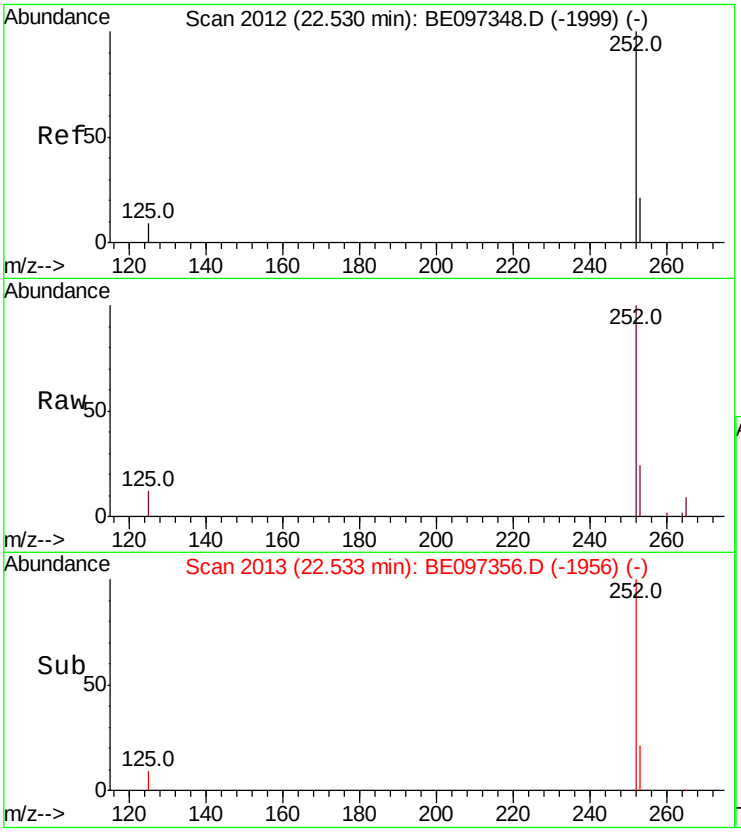


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:264 Resp: 4722

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	28.9	22.8	34.2



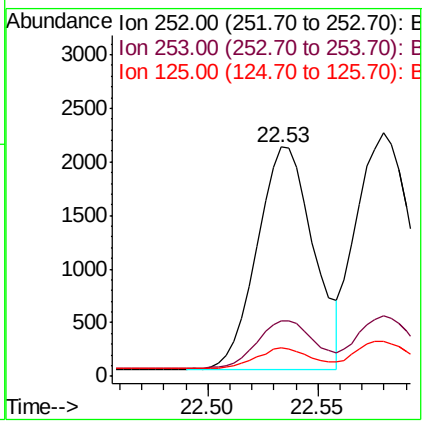


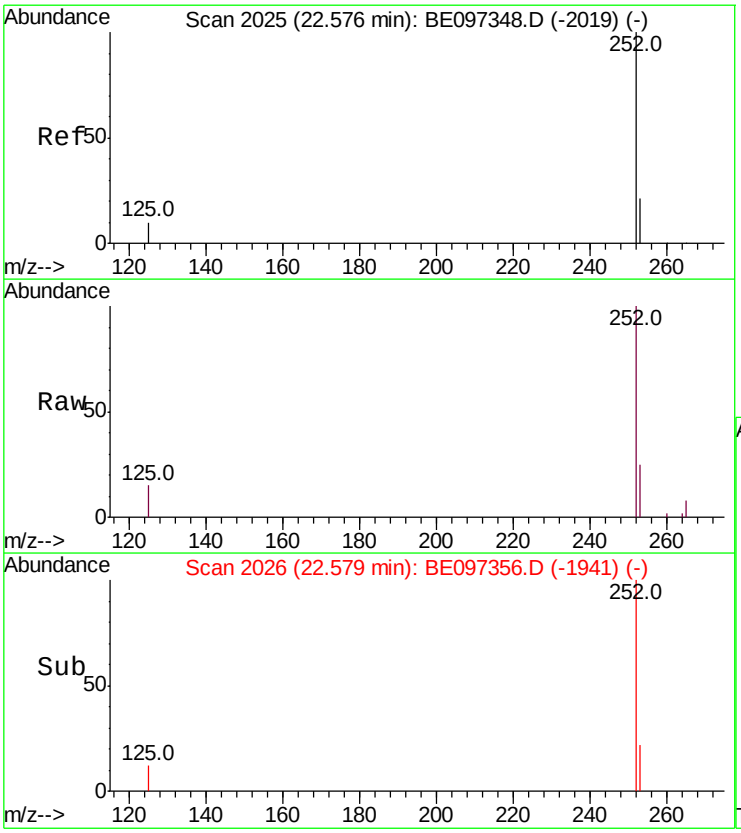
#35
Benzo(b)fluoranthene
Concen: 0.298 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3709

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	12.3	16.0	24.0#

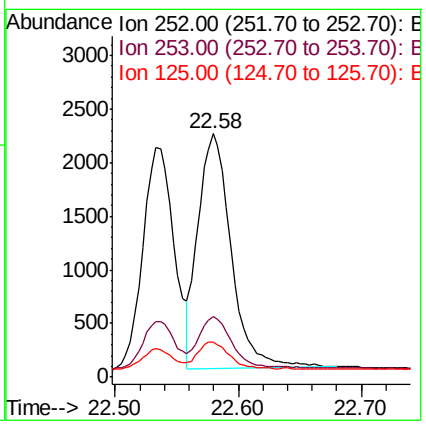


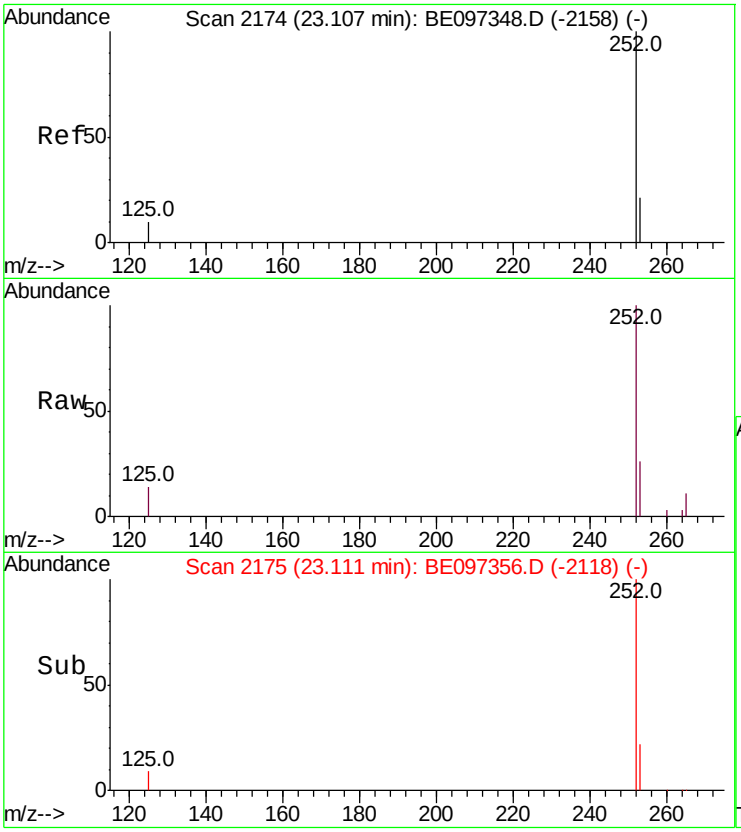


#36
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:252 Resp: 4101

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	14.6	8.0	12.0#



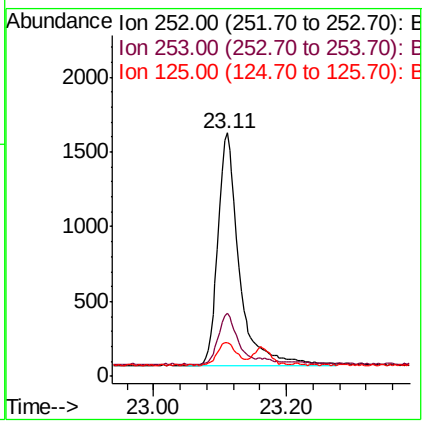


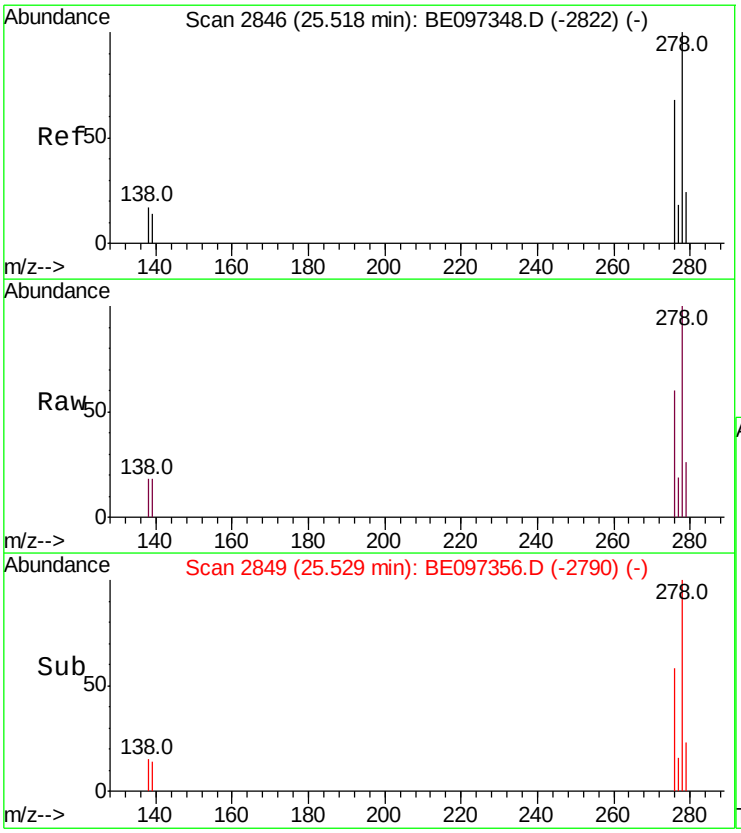
#37
Benzo(a)pyrene
Concen: 0.289 ng
RT: 23.11 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3526

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	13.8	12.0	18.0

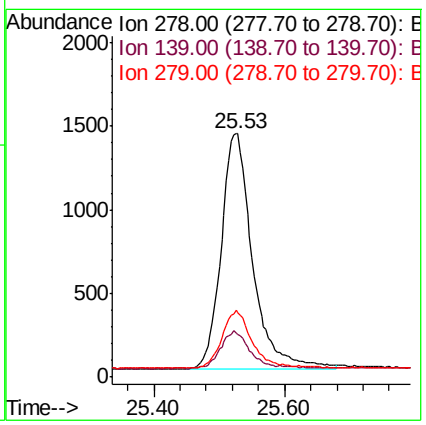


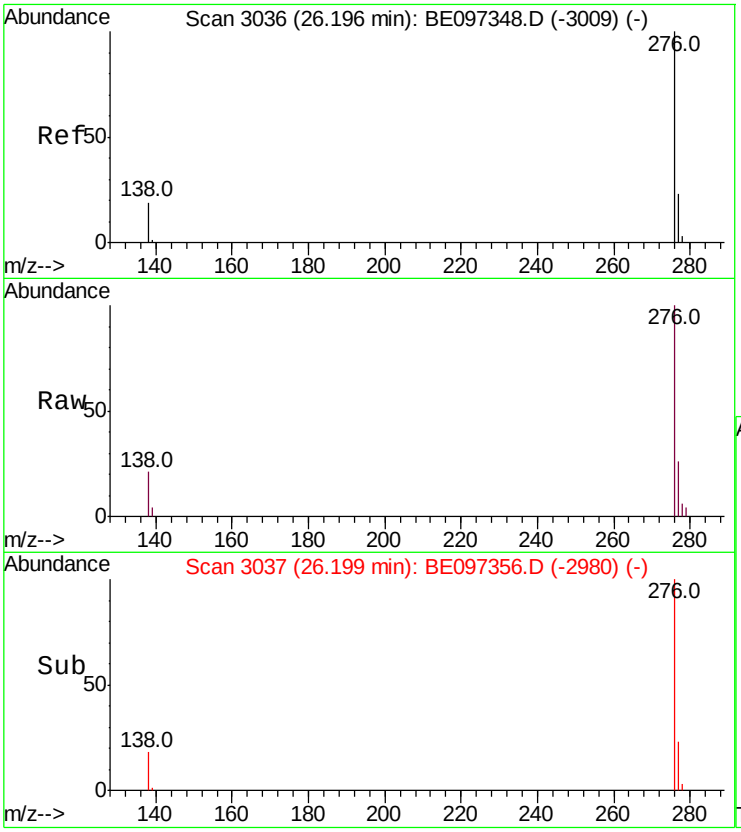


#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 25.53 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Tgt Ion:278 Resp: 4721

Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.0	24.0
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.313 ng
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097356.D
Acq: 23 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4777

Ion	Ratio	Lower	Upper
276	100		
277	26.1	16.0	24.0#
138	21.4	20.0	30.0