Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097537.D
Acq On : 19 Sep 2018 13:05
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 19 15:48:31 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	806	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3565	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1980	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	5452	0.40	ng		0.01
27) Chrysene-d12	20.97	240	8578	0.40	ng		0.00
34) Perylene-d12	23.21	264	9220	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	448	0.16	ng		0.00
5) Phenol-d6	6.61	99	455	0.13	ng		0.01
8) Nitrobenzene-d5	8.53	82	507	0.18	ng		0.01
11) 2-Methylnaphthalene-d10	11.72	152	992	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	134	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	1325	0.19	ng		0.00
25) Fluoranthene-d10	18.80	212	14154	0.22	ng		0.00
29) Terphenyl-d14	19.42	244	2989	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	265	0.190	ng	#	89
3) n-Nitrosodimethylamine	3.37	42	221	0.190	ng	#	98
6) bis(2-Chloroethyl)ether	6.83	93	535	0.193	ng		73
9) Naphthalene	10.17	128	6334	0.196	ng	#	97
10) Hexachlorobutadiene	10.46	225	295	0.192	ng		96
12) 2-Methylnaphthalene	11.80	142	924	0.178	ng		97
16) Acenaphthylene	13.72	152	1428	0.166	ng		99
17) Acenaphthene	14.06	154	986	0.186	ng		96
18) Fluorene	15.06	166	1290	0.190	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	481	0.183	ng	#	79
21) Hexachlorobenzene	16.07	284	515	0.185	ng	#	84
22) Pentachlorophenol	16.45	266	162	0.334	ng		85
23) Phenanthrene	16.80	178	2510	0.196	ng		99
24) Anthracene	16.90	178	2064	0.174	ng		95
26) Fluoranthene	18.83	202	3405	0.204	ng		99
28) Pyrene	19.20	202	3796	0.172	ng		100
30) Benzo(a)anthracene	20.96	228	3942	0.175	ng		97
31) Chrysene	21.00	228	4458	0.193	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	7850	0.164	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	5562	0.202	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	4371	0.185	ng	#	93
36) Benzo(k)fluoranthene	22.58	252	5151	0.200	ng	#	87
37) Benzo(a)pyrene	23.11	252	4537	0.194	ng	#	90
38) Dibenzo(a,h)anthracene	25.53	278	4582	0.188	ng		95
39) Benzo(g,h,i)perylene	26.21	276	4535	0.182	ng	#	90

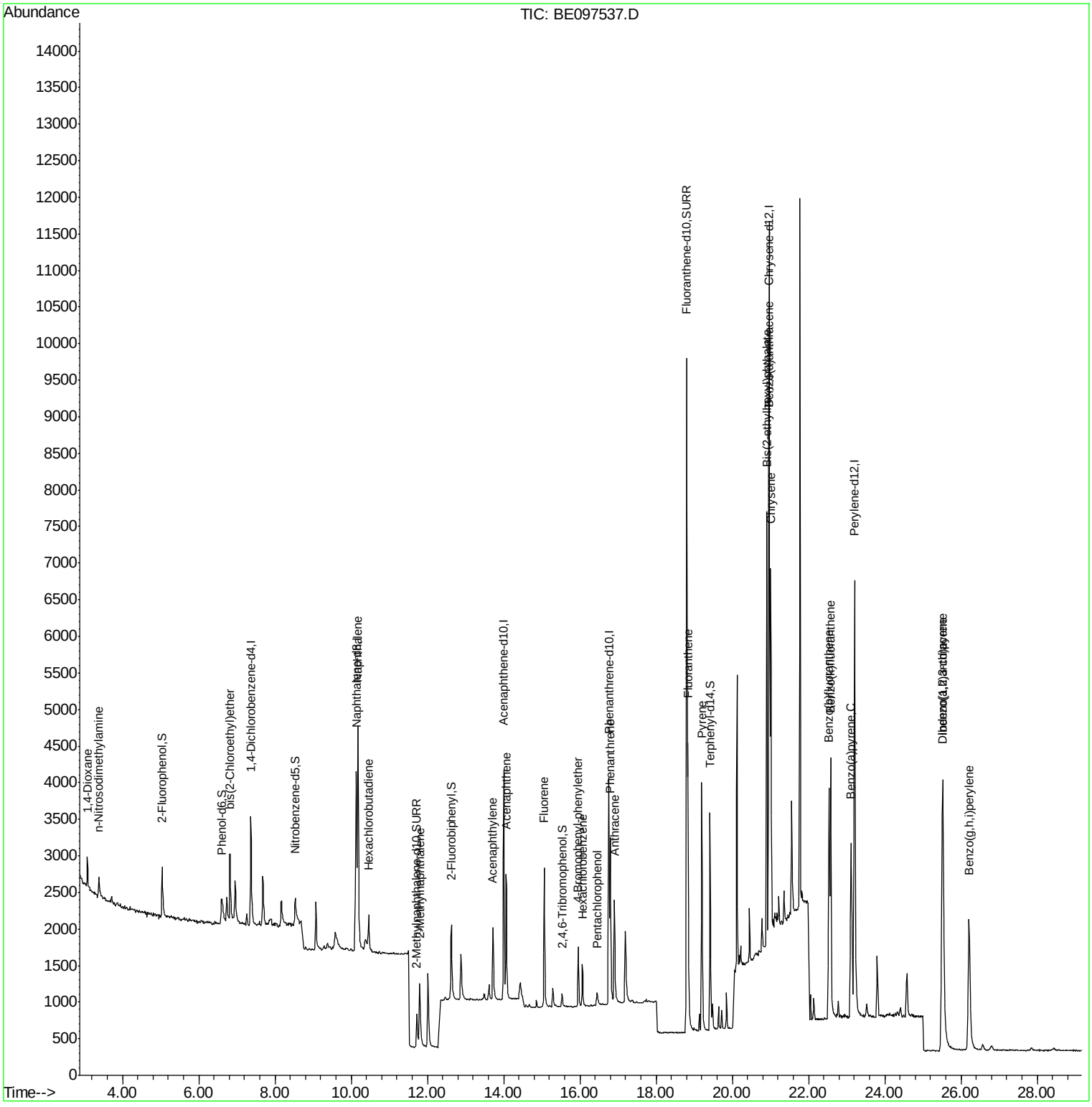
(#) = qualifier out of range (m) = manual integration (+) = signals summed

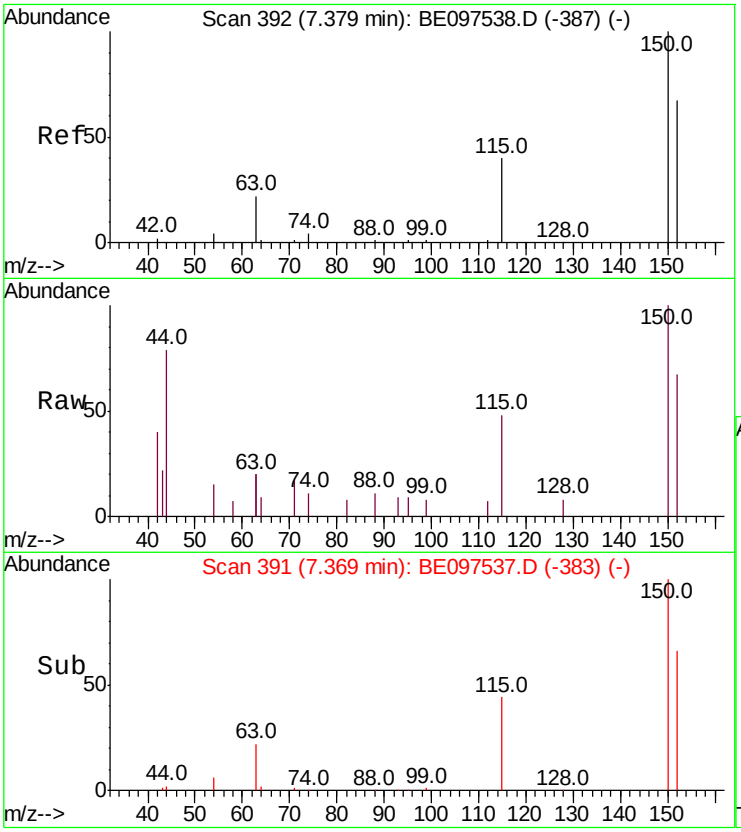
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097537.D
Acq On : 19 Sep 2018 13:05
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 15:48:31 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



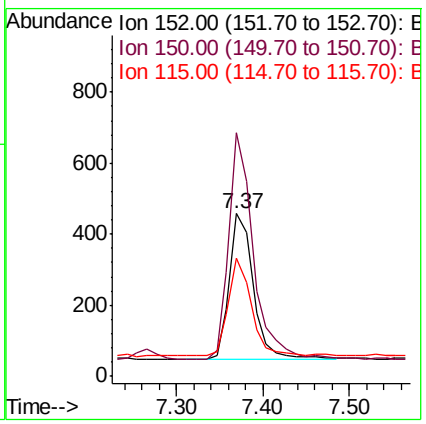


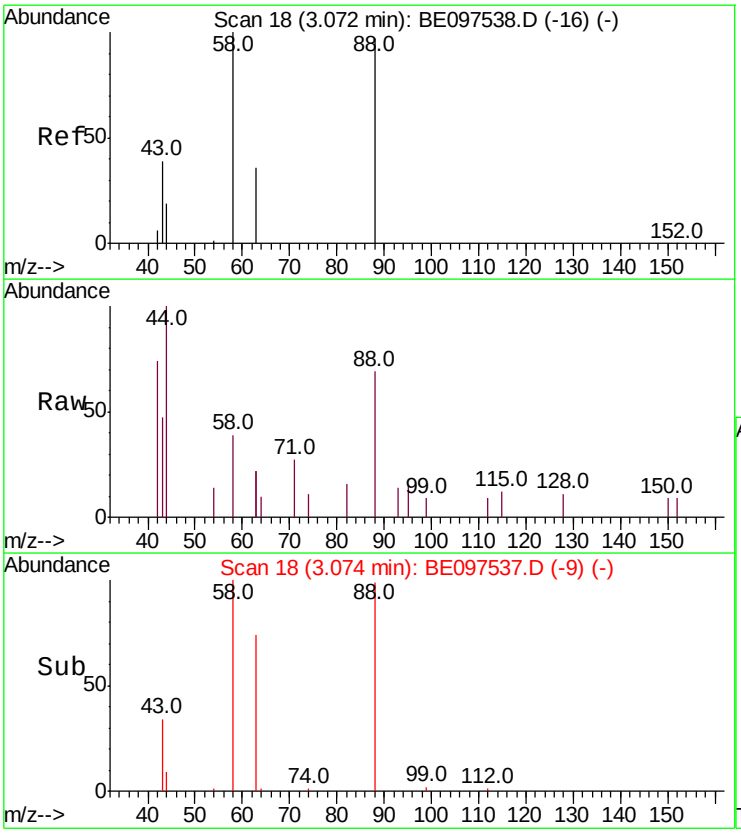
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 806

Ion	Ratio	Lower	Upper
152	100		
150	149.8	117.2	175.8
115	72.5	57.0	85.6

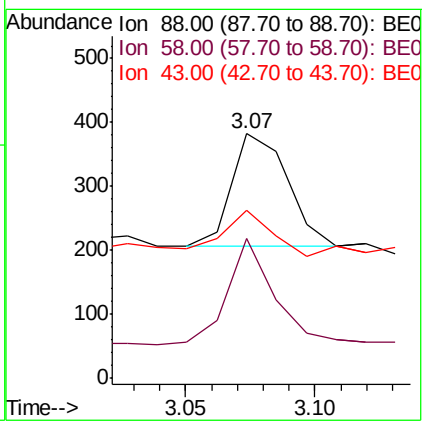


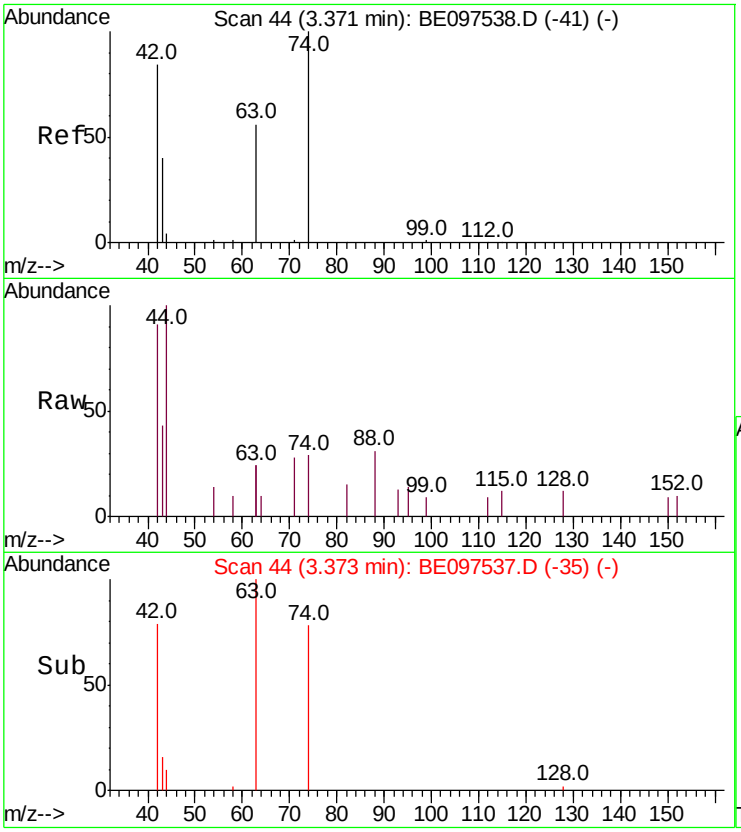


#2
1,4-Dioxane
Concen: 0.190 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
58	79.6	63.2	94.8
43	32.1	41.2	61.8#



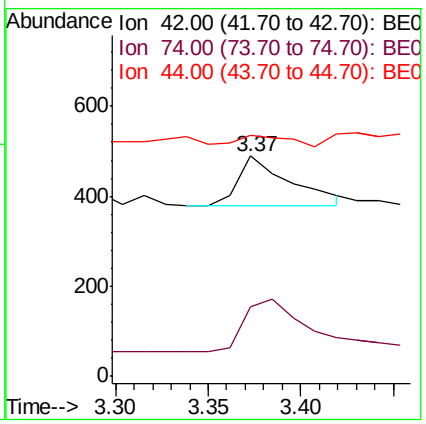


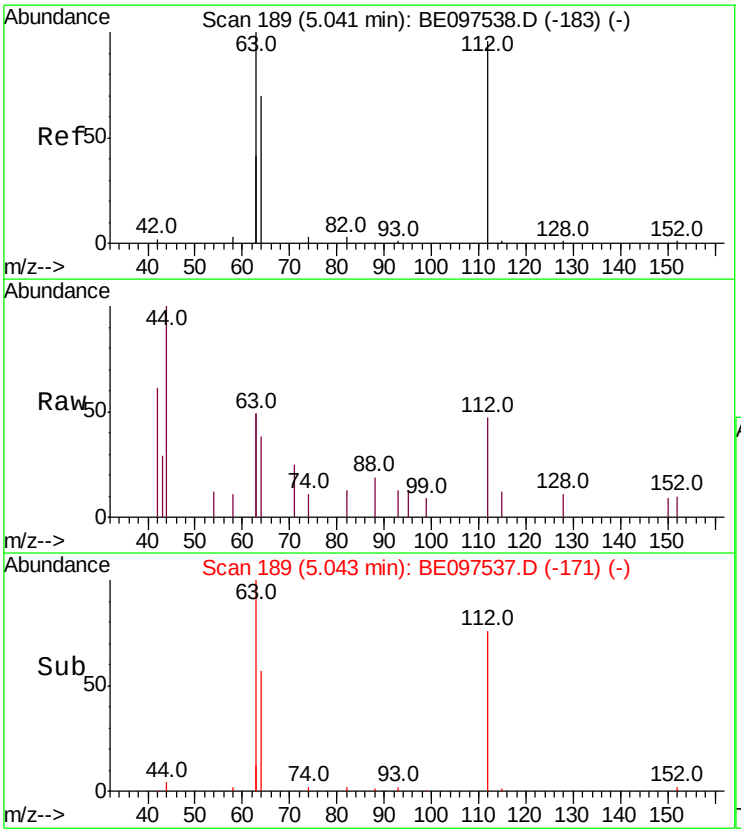
#3
n-Nitrosodimethylamine
Concen: 0.190 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
74	120.8	96.0	144.0
44	21.3	12.0	18.0#

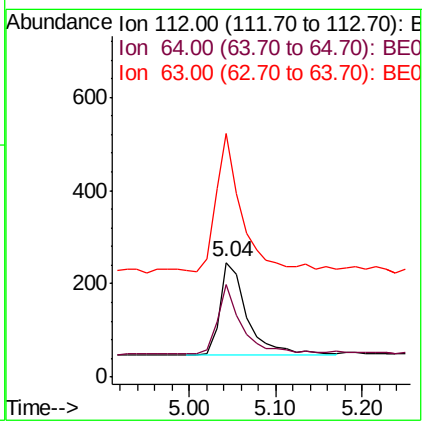


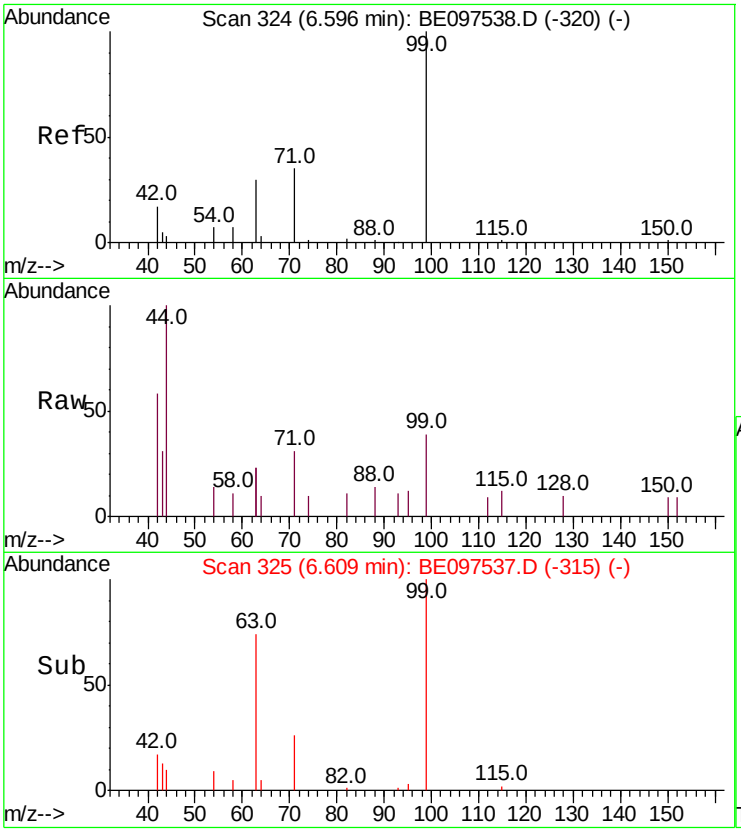


#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.04 min Scan# 189
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:112 Resp: 448

Ion	Ratio	Lower	Upper
112	100		
64	68.5	60.1	90.1
63	129.9	116.8	175.2



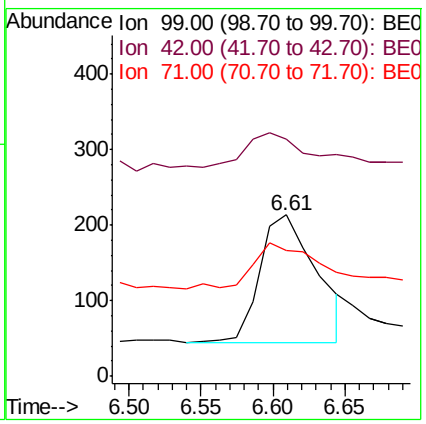


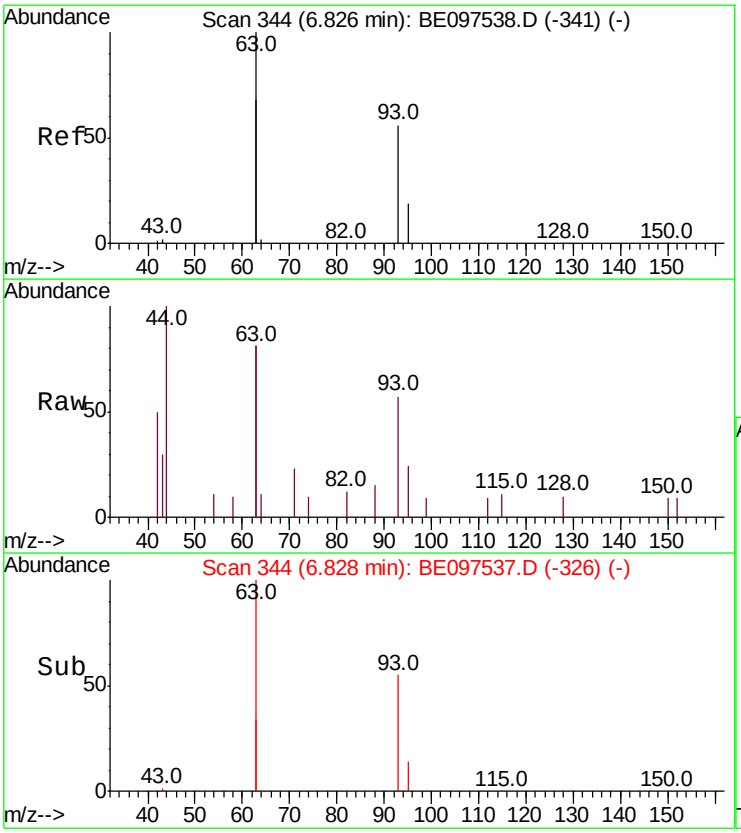
#5
Phenol-d6
Concen: 0.131 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 455

Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.2	30.2
71	39.1	28.4	42.6

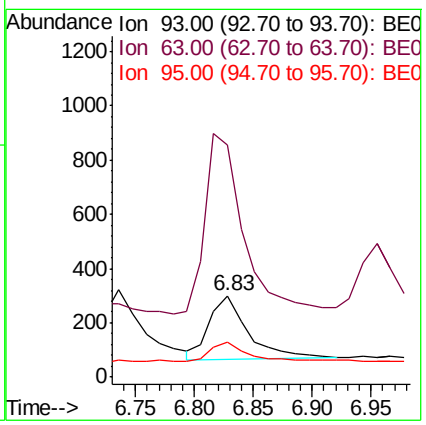


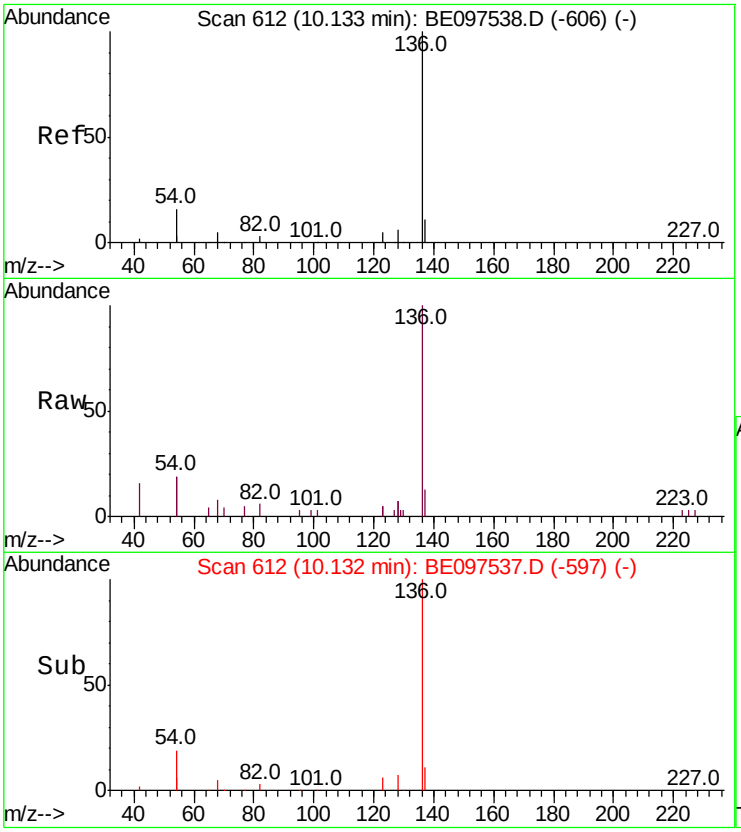


#6
bis(2-Chloroethyl)ether
Concen: 0.193 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion: 93 Resp: 535

Ion	Ratio	Lower	Upper
93	100		
63	282.4	275.3	412.9
95	34.4	25.2	37.8



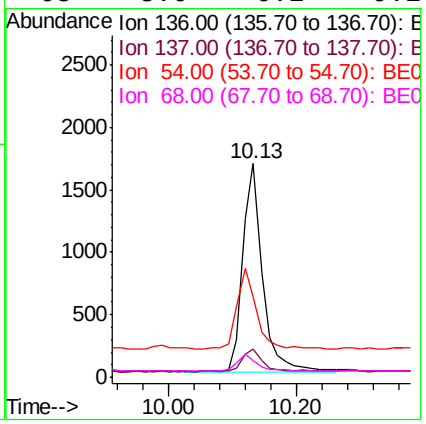


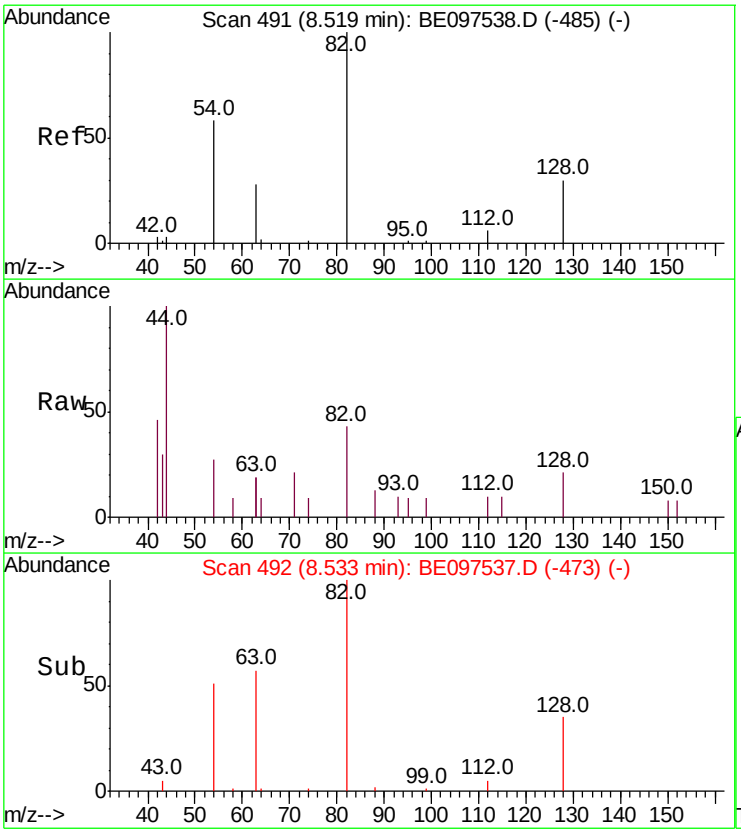
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3565

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.5	14.3
54	37.9	29.1	43.7
68	8.0	6.2	9.2

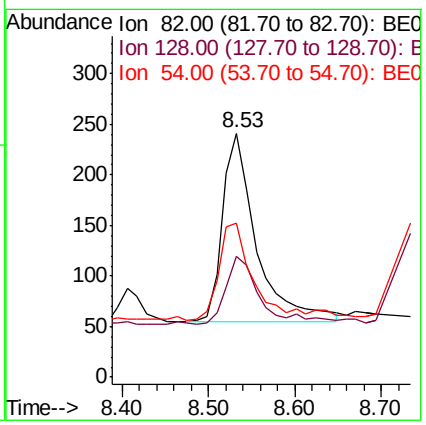


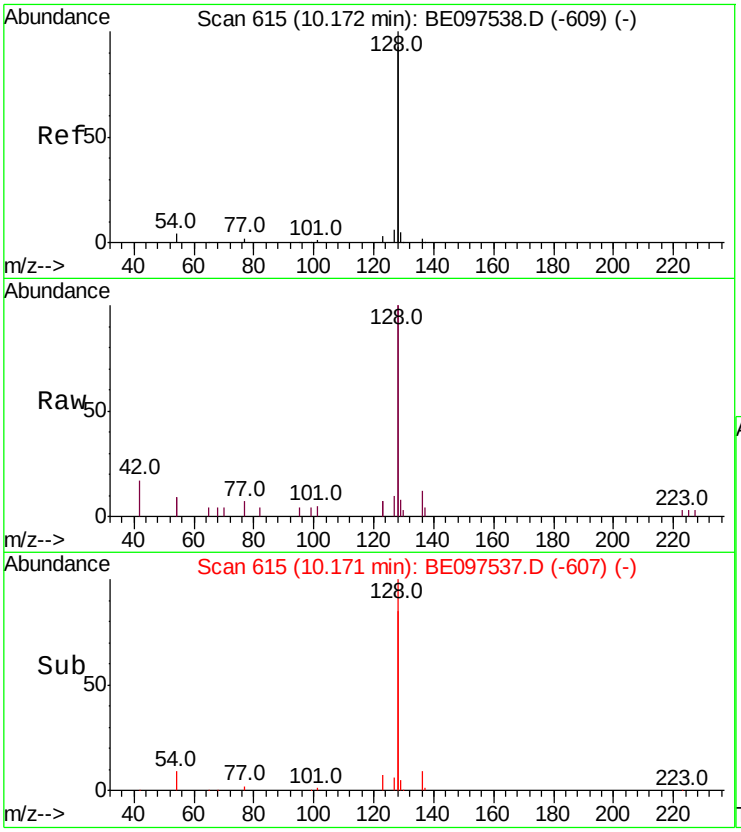


#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion: 82 Resp: 507

Ion	Ratio	Lower	Upper
82	100		
128	49.8	24.0	36.0#
54	63.5	40.0	60.0#



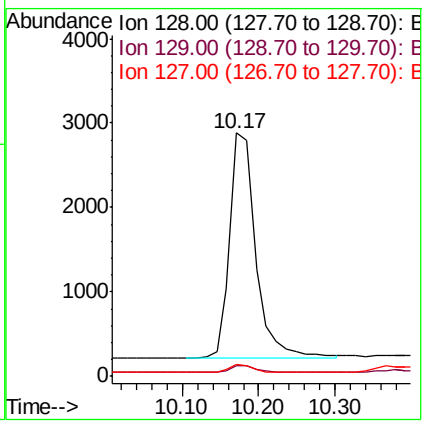


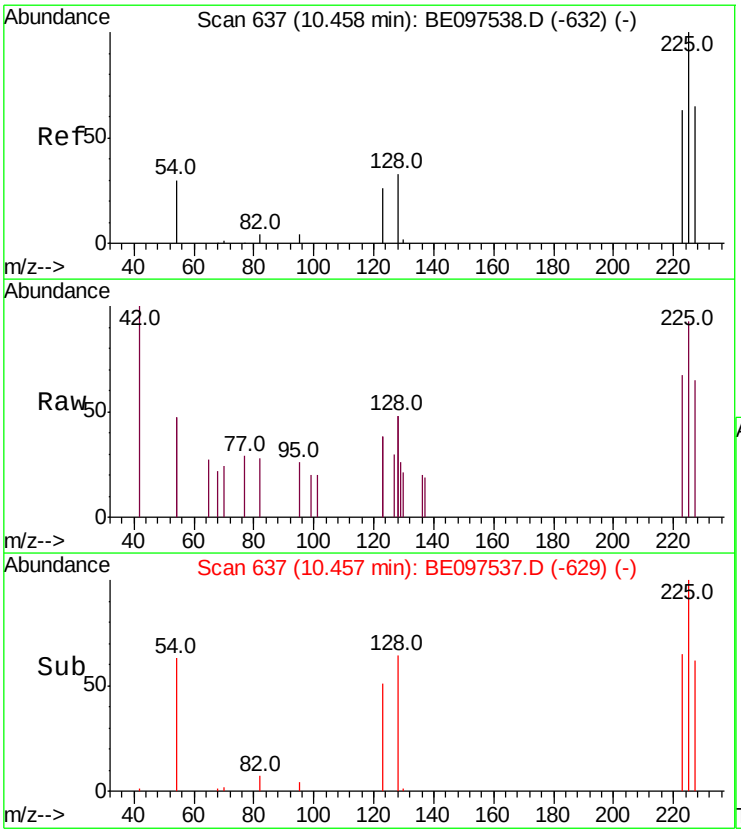
#9
Naphthalene
Concen: 0.196 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6334

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.6	3.8#
127	4.8	2.8	4.2#

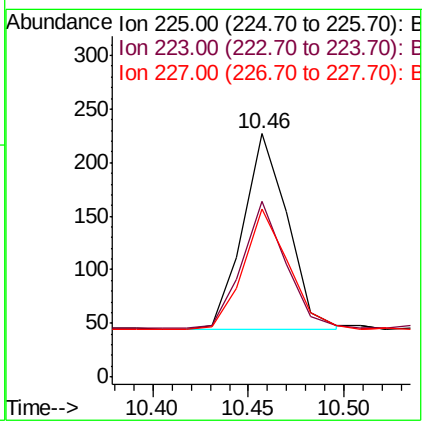


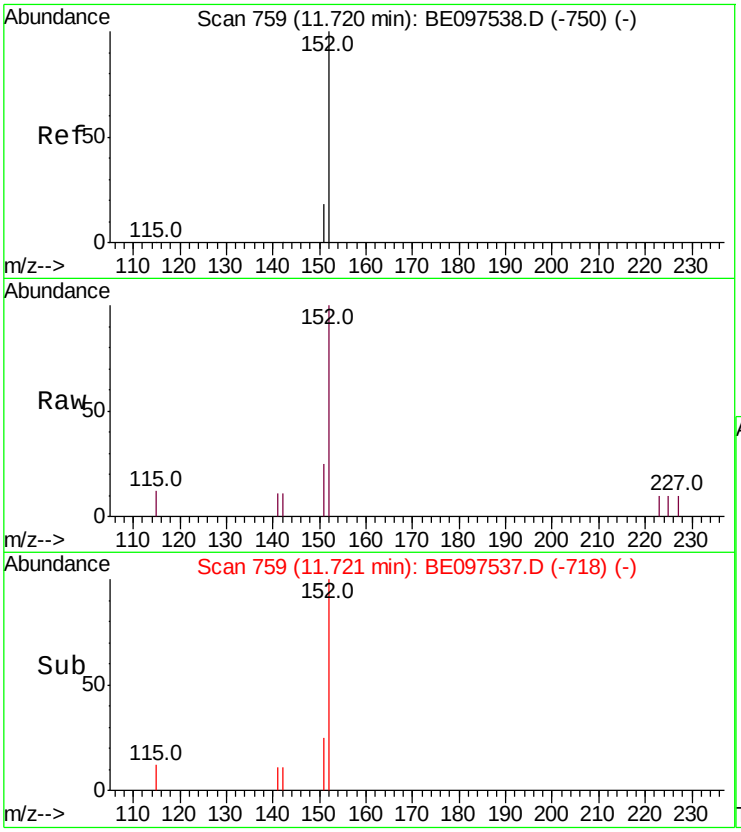


#10
Hexachlorobutadiene
Concen: 0.192 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:225 Resp: 295

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	62.0	51.4	77.2



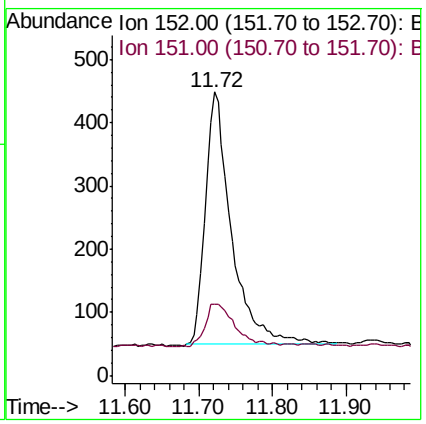


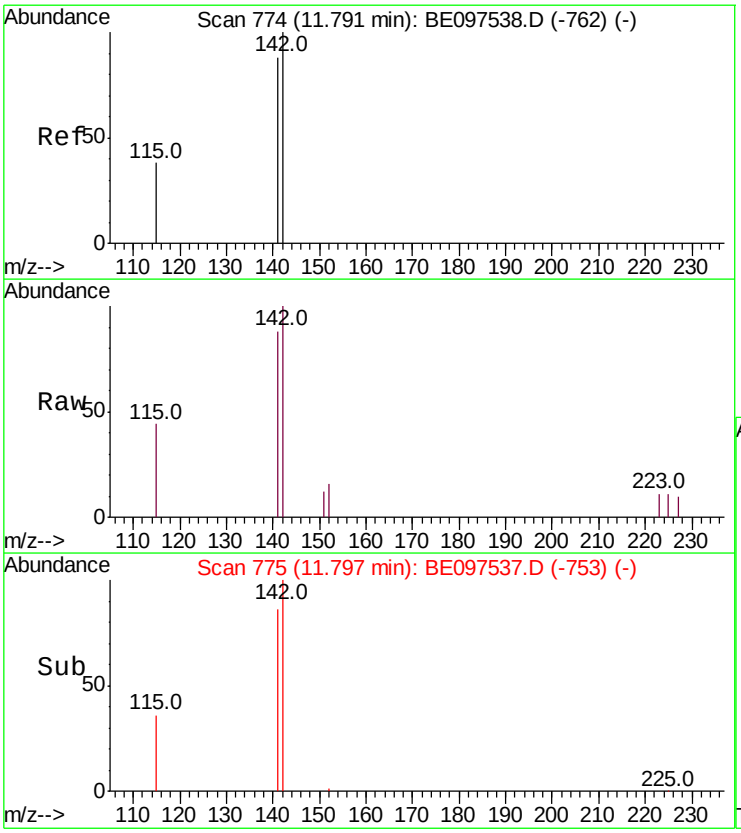
#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 992

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

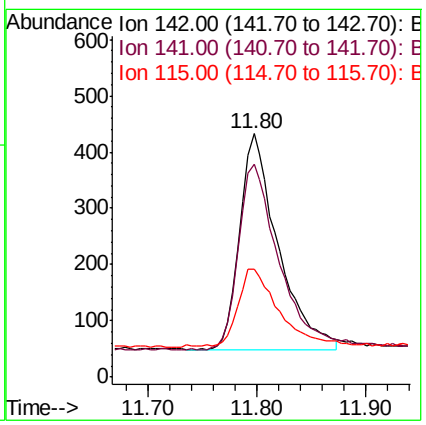


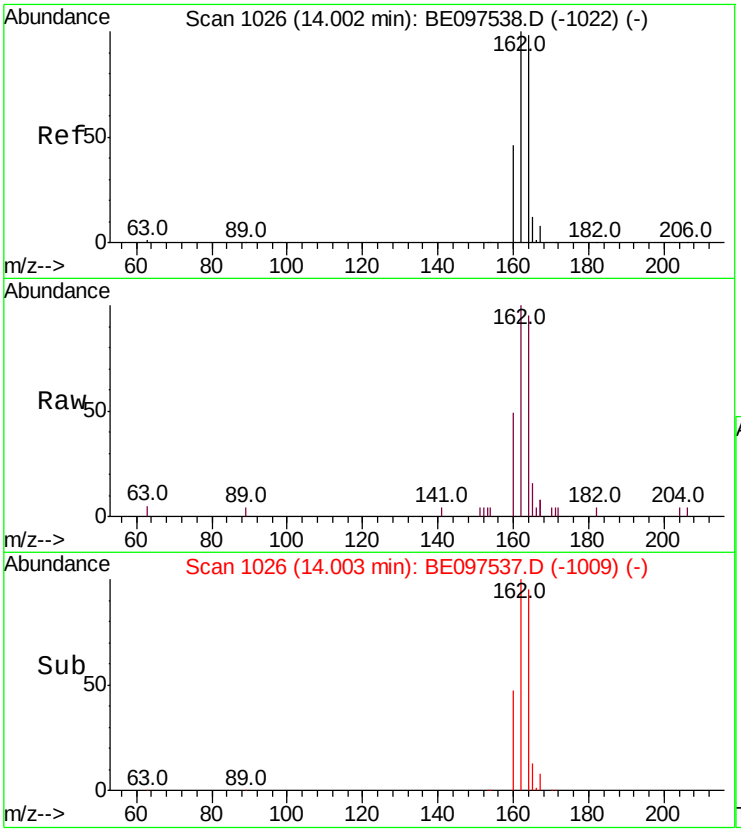


#12
2-Methylnaphthalene
Concen: 0.178 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:142 Resp: 924

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	44.1	31.7	47.5



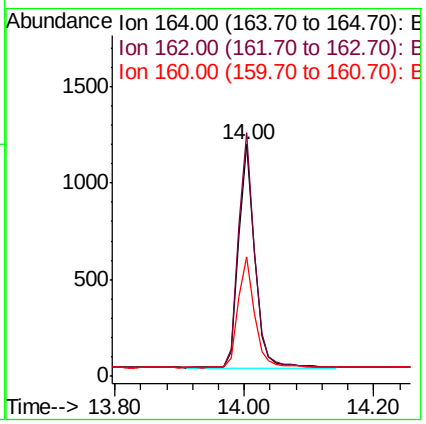


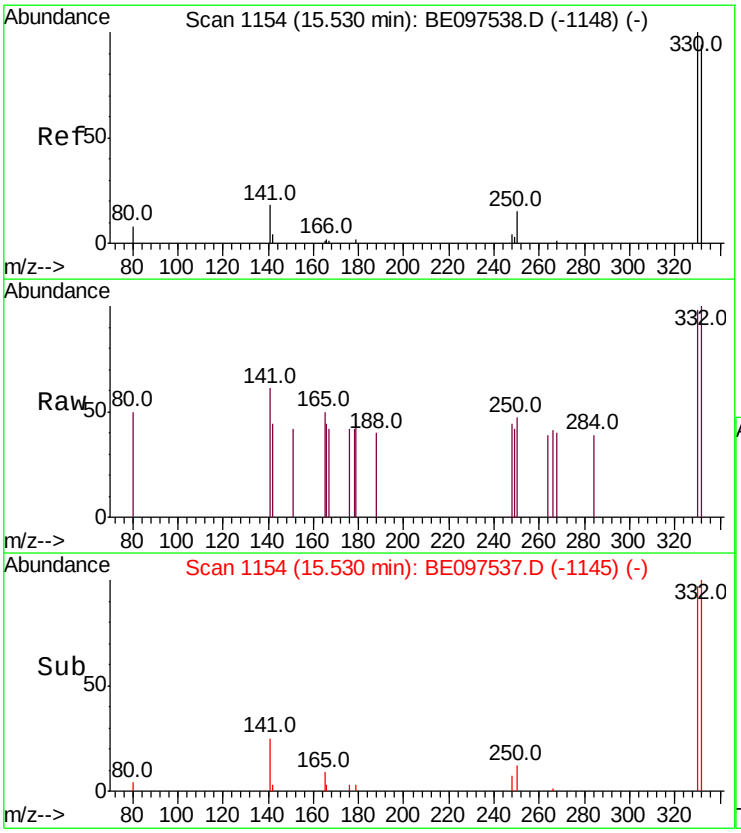
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1980

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	51.5	37.1	55.7

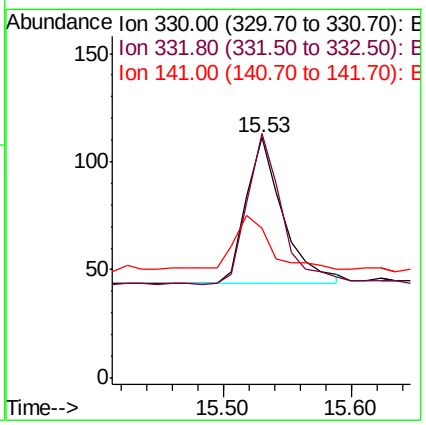


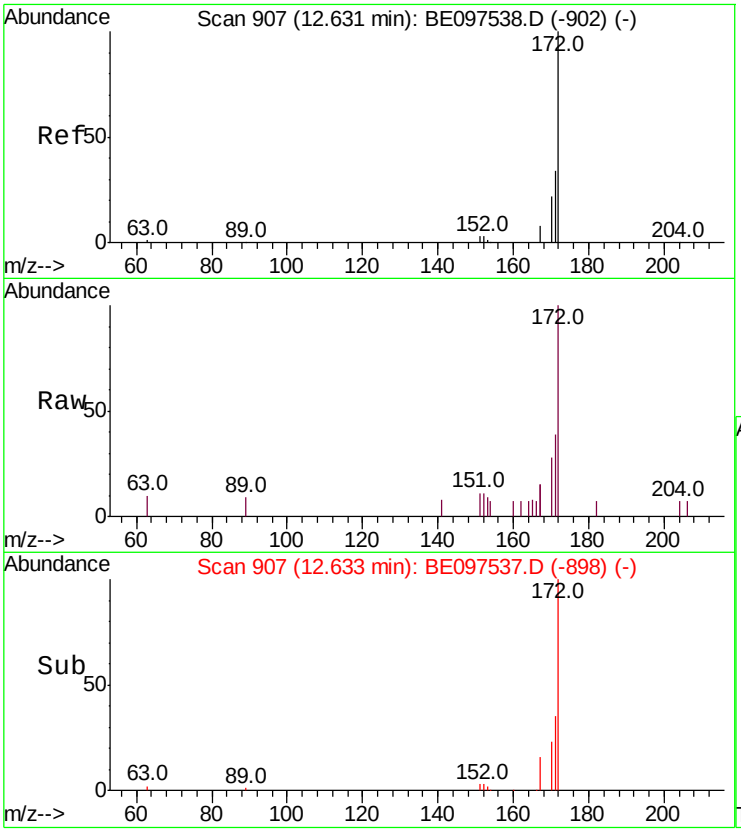


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.53 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:330 Resp: 134

Ion	Ratio	Lower	Upper
330	100		
332	100.7	152.7	229.1#
141	36.6	33.7	50.5



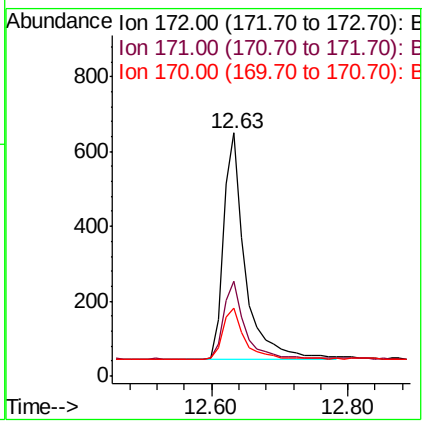


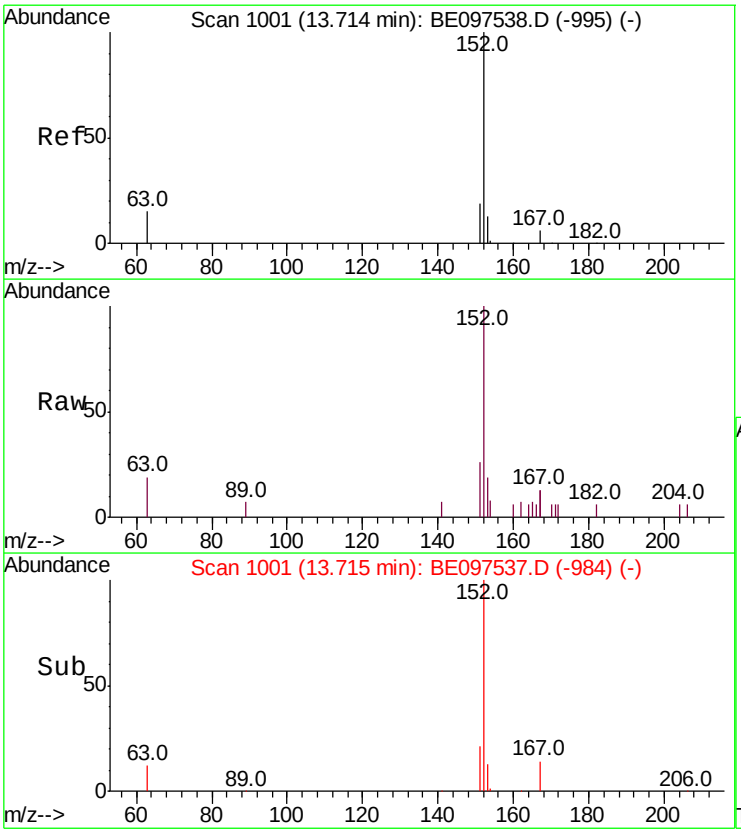
#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1325

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.9	44.9
170	28.0	21.8	32.8

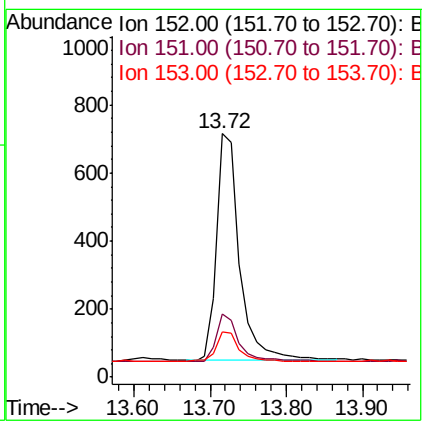


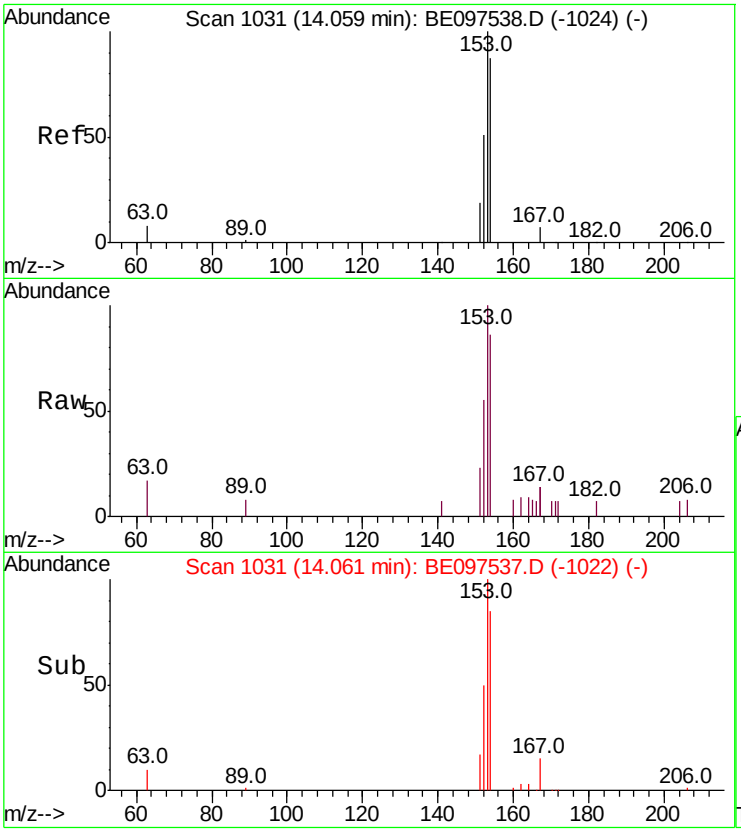


#16
Acenaphthylene
Concen: 0.166 ng
RT: 13.72 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:152 Resp: 1428

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.5	15.7



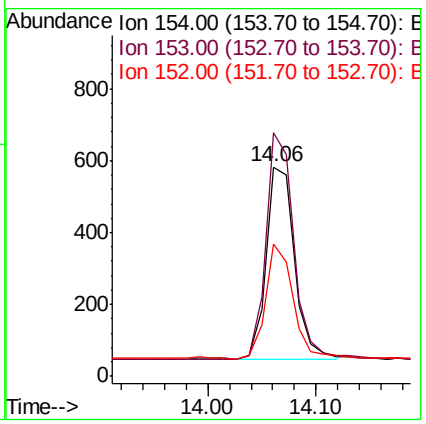


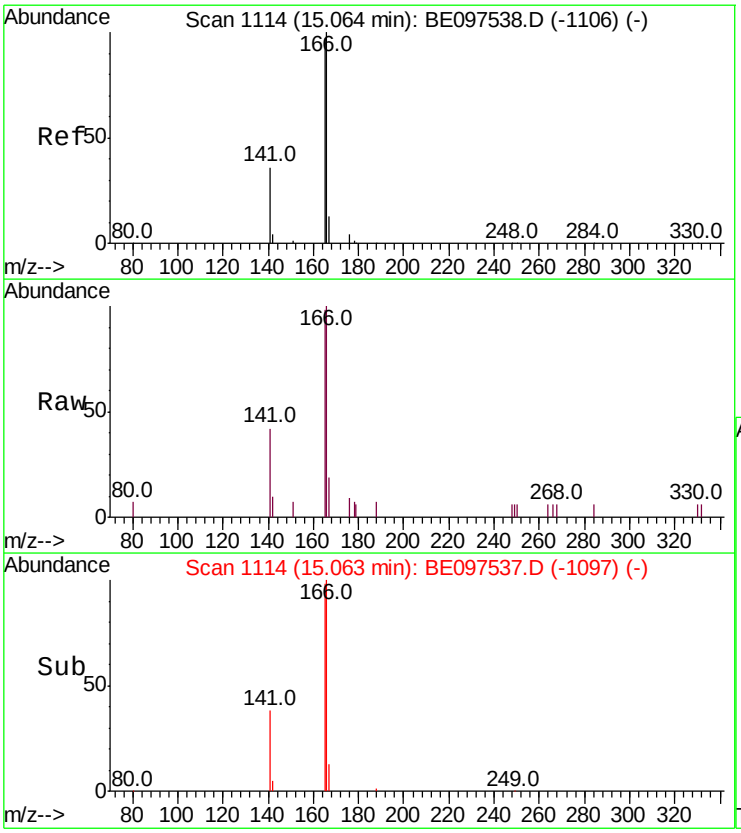
#17
Acenaphthene
Concen: 0.186 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 986

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.2	133.8
152	57.3	42.0	63.0

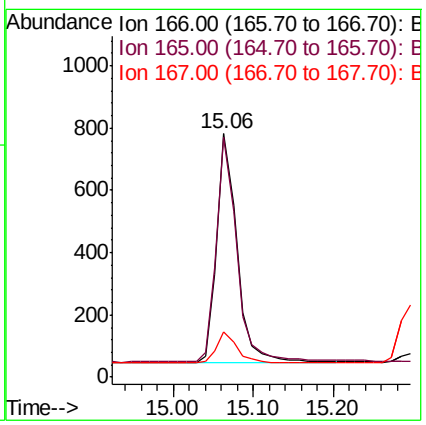


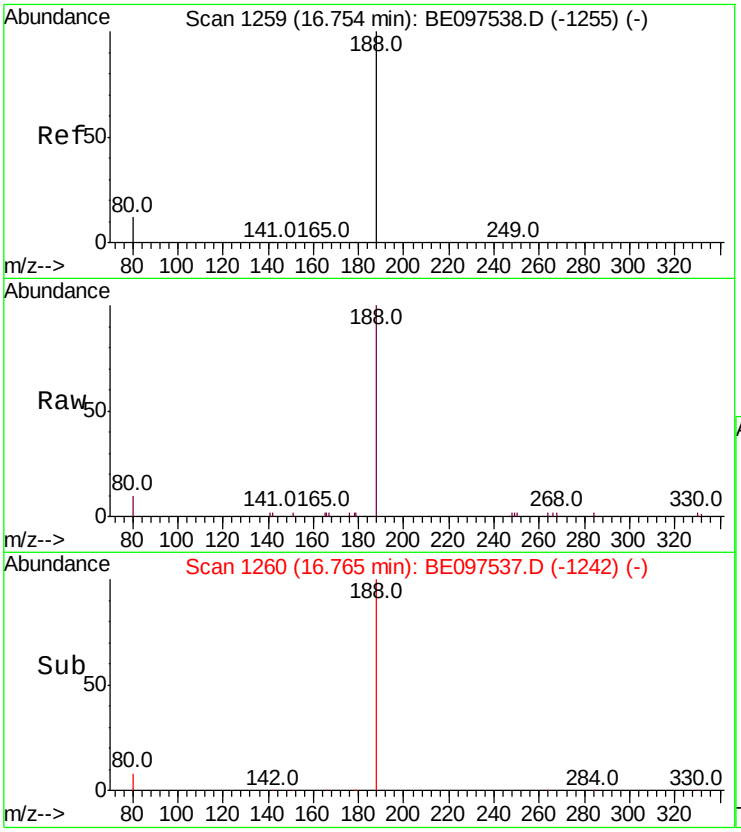


#18
Fluorene
Concen: 0.190 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:166 Resp: 1290

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.6	42.4	63.6#



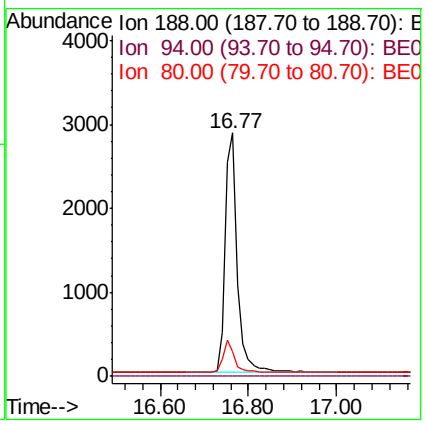


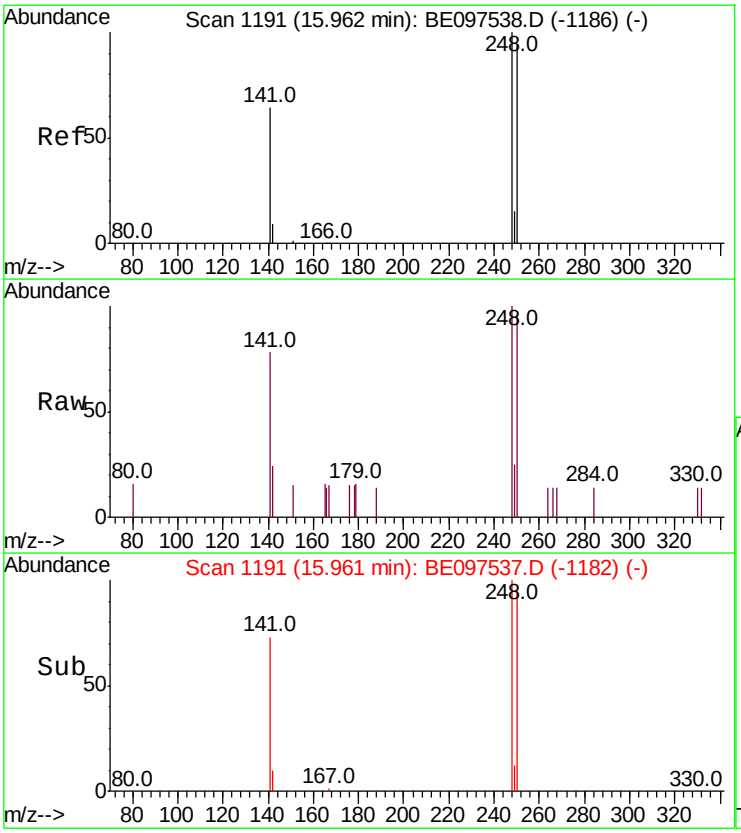
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5452

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

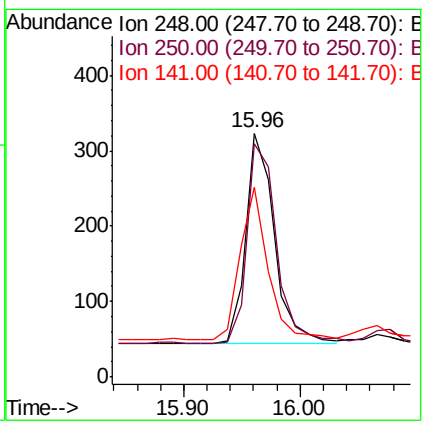


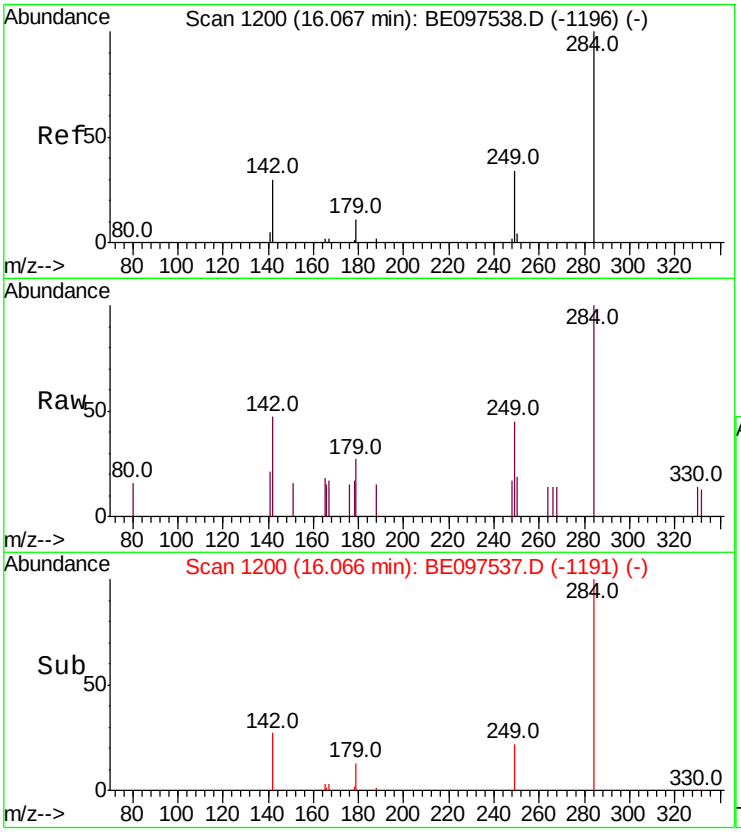


#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:248 Resp: 481

Ion	Ratio	Lower	Upper
248	100		
250	95.7	62.7	94.1#
141	78.0	48.2	72.2#



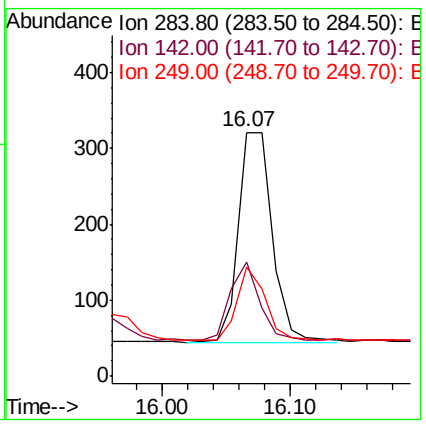


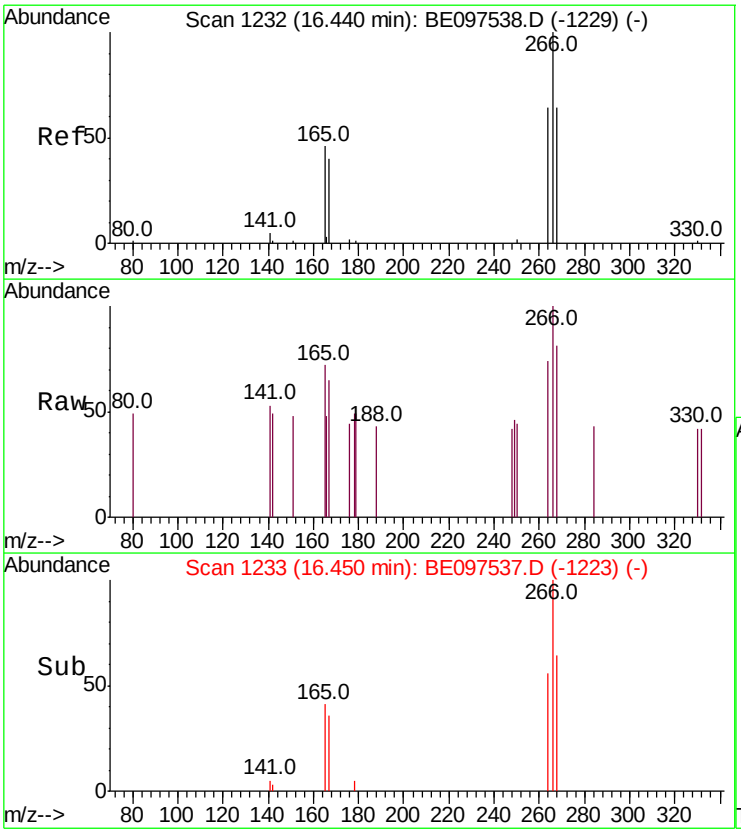
#21
Hexachlorobenzene
Concen: 0.185 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 515

Ion	Ratio	Lower	Upper
284	100		
142	30.9	22.1	33.1
249	28.7	34.8	52.2#

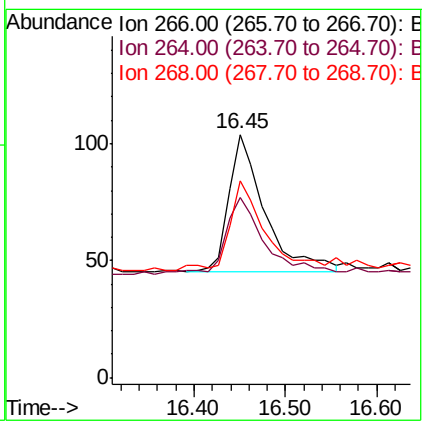


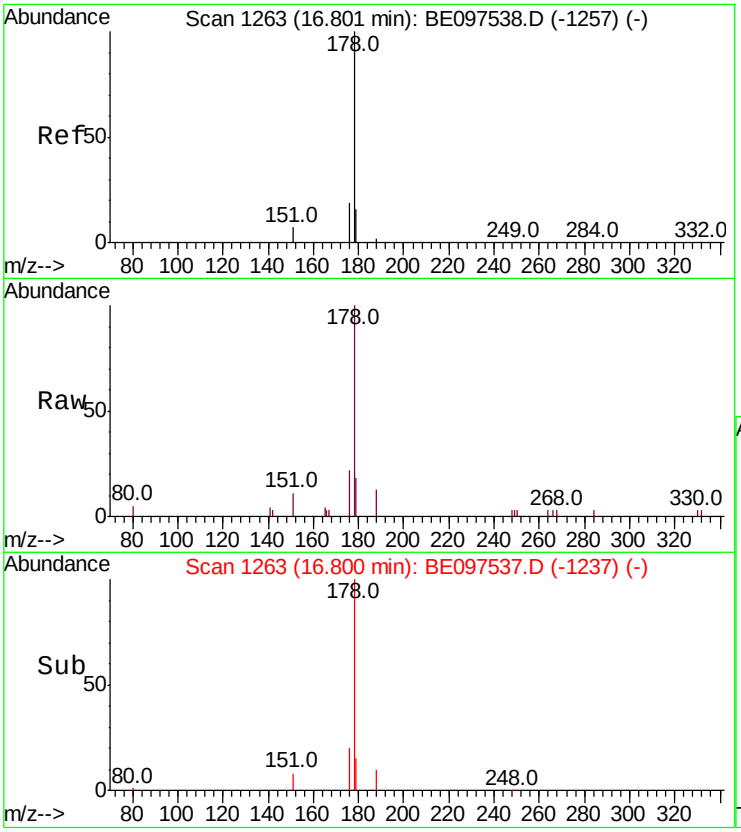


#22
Pentachlorophenol
Concen: 0.334 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:266 Resp: 162

Ion	Ratio	Lower	Upper
266	100		
264	74.0	72.5	108.7
268	80.8	73.8	110.6



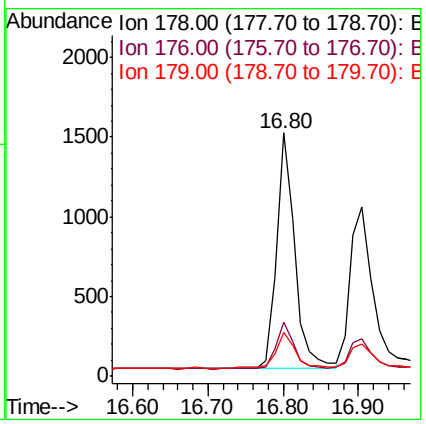


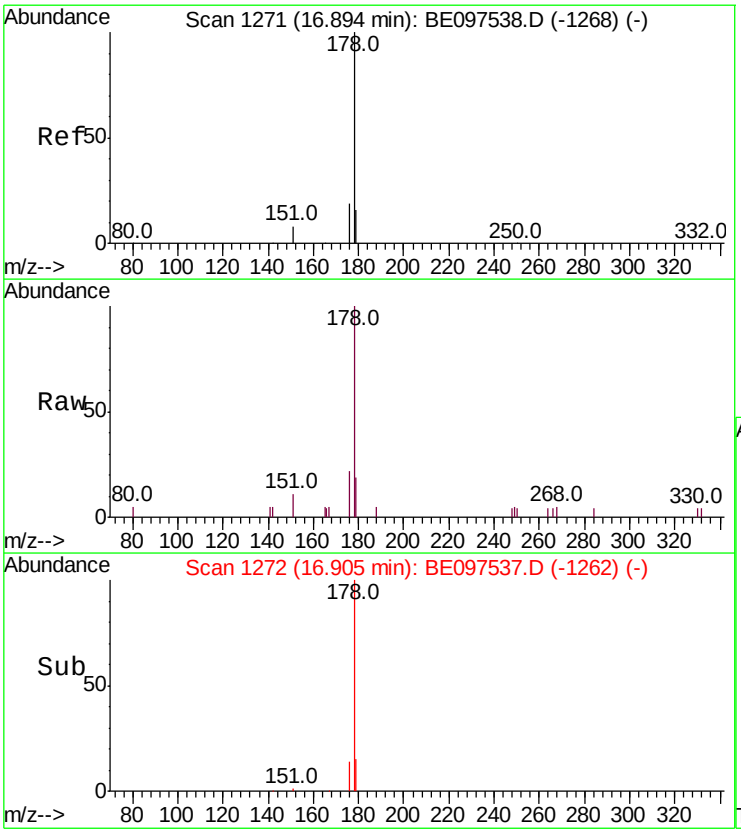
#23
Phenanthrene
Concen: 0.196 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2510

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.1	11.8	17.6

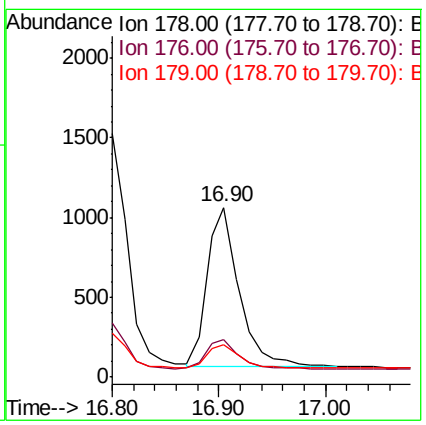


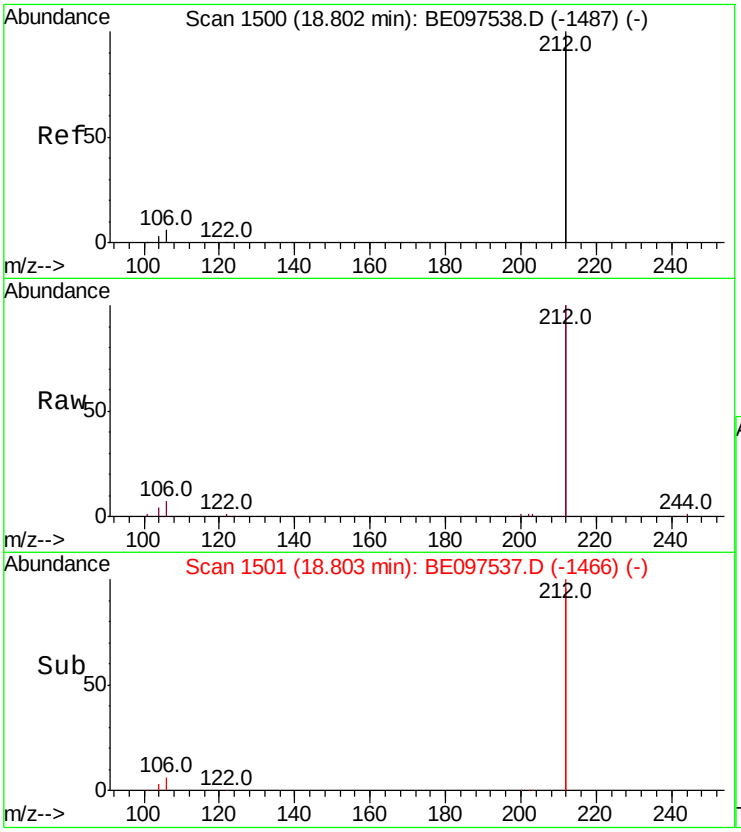


#24
Anthracene
Concen: 0.174 ng
RT: 16.90 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:178 Resp: 2064

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.0	13.0	19.6



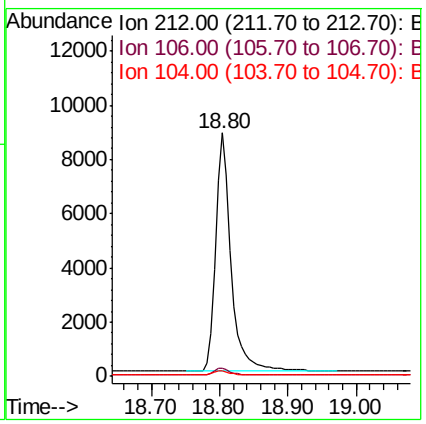


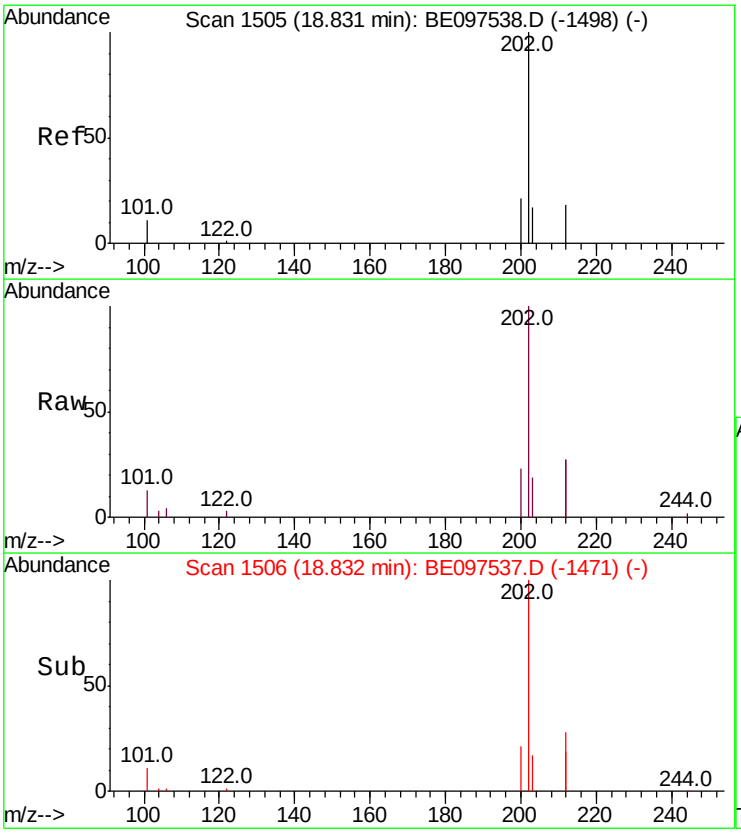
#25
Fluoranthene-d10
Concen: 0.216 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 14154

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.9	1.6	2.4

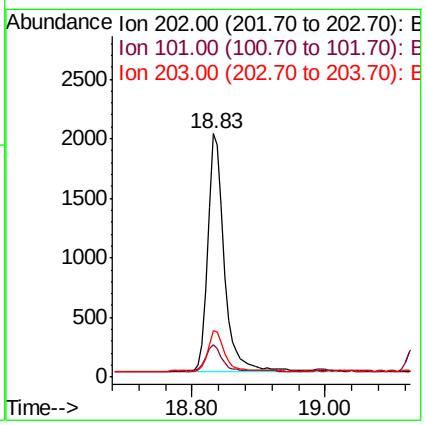


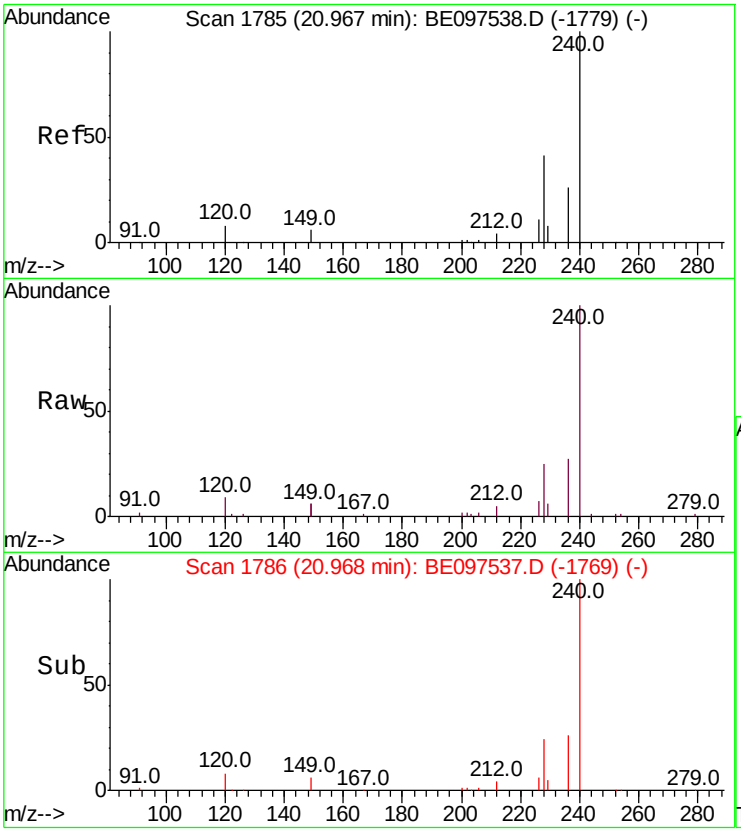


#26
Fluoranthene
Concen: 0.204 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:202 Resp: 3405

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	16.9	13.7	20.5



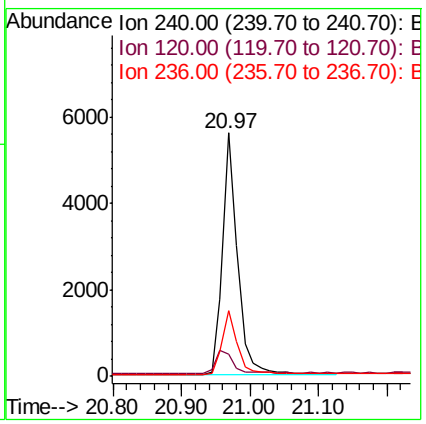


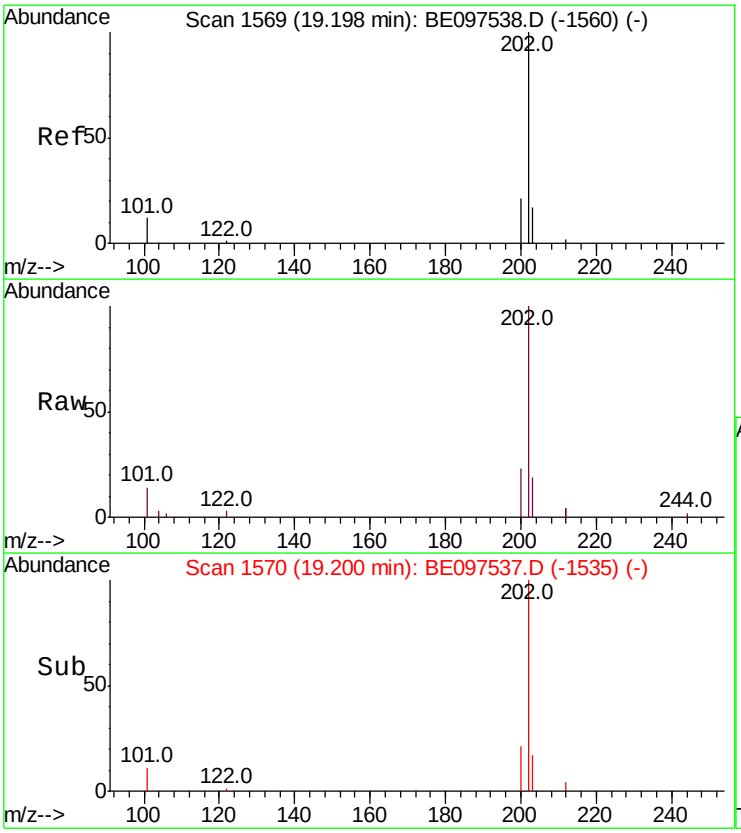
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8578

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	27.0	20.7	31.1

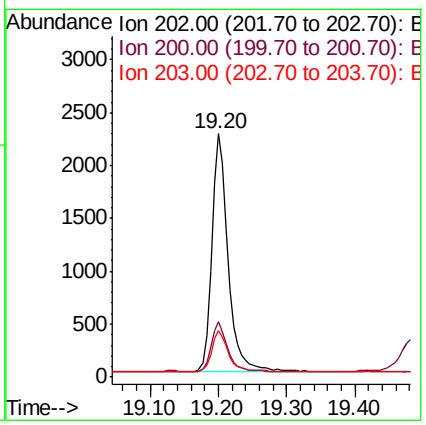


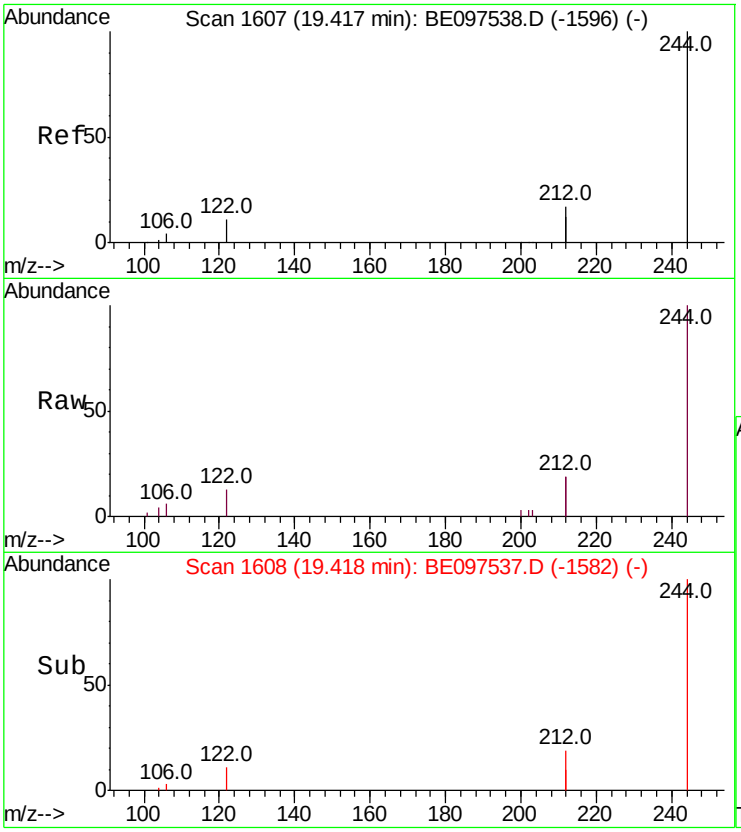


#28
Pyrene
Concen: 0.172 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:202 Resp: 3796

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



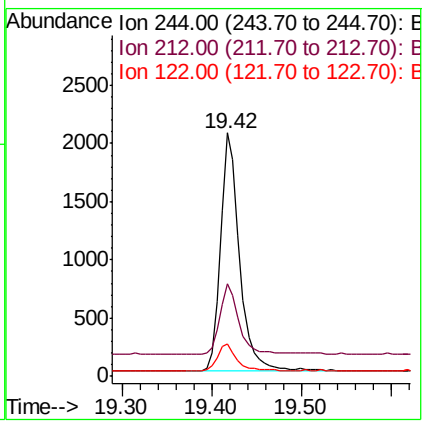


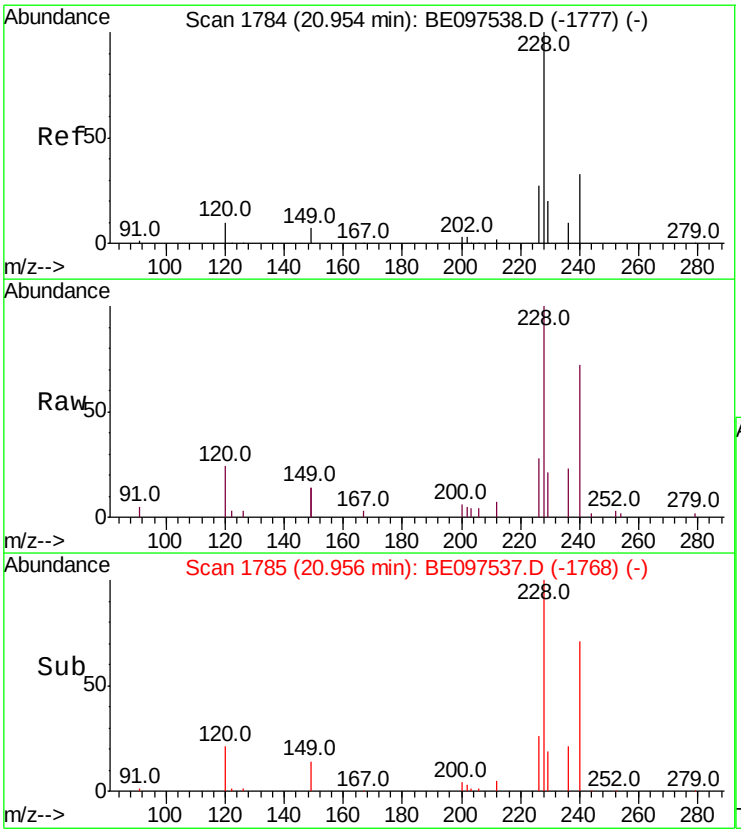
#29
Terphenyl-d14
Concen: 0.182 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2989

Ion	Ratio	Lower	Upper
244	100		
212	38.0	25.4	38.0#
122	13.1	8.1	12.1#

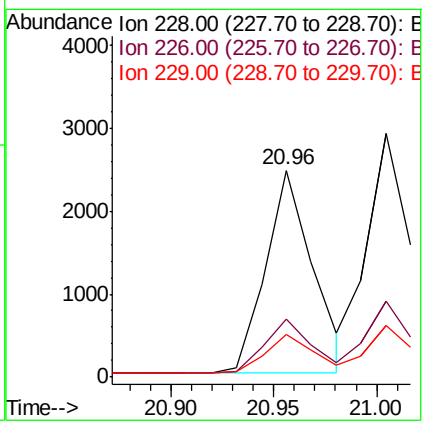


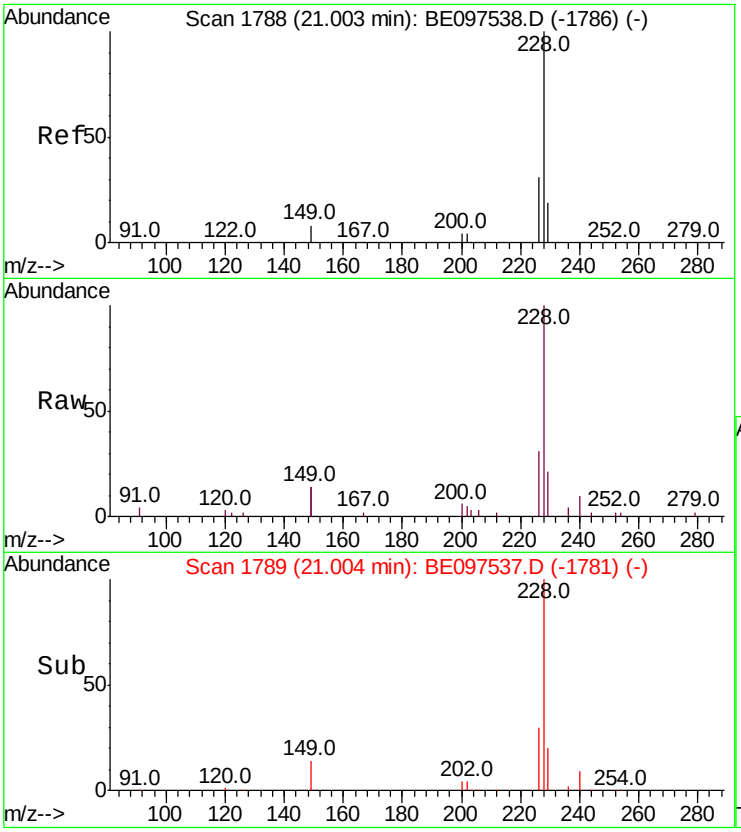


#30
Benzo(a)anthracene
Concen: 0.175 ng
RT: 20.96 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:228 Resp: 3942

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	20.7	16.0	24.0



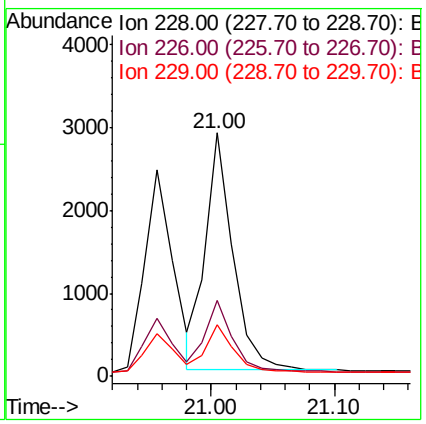


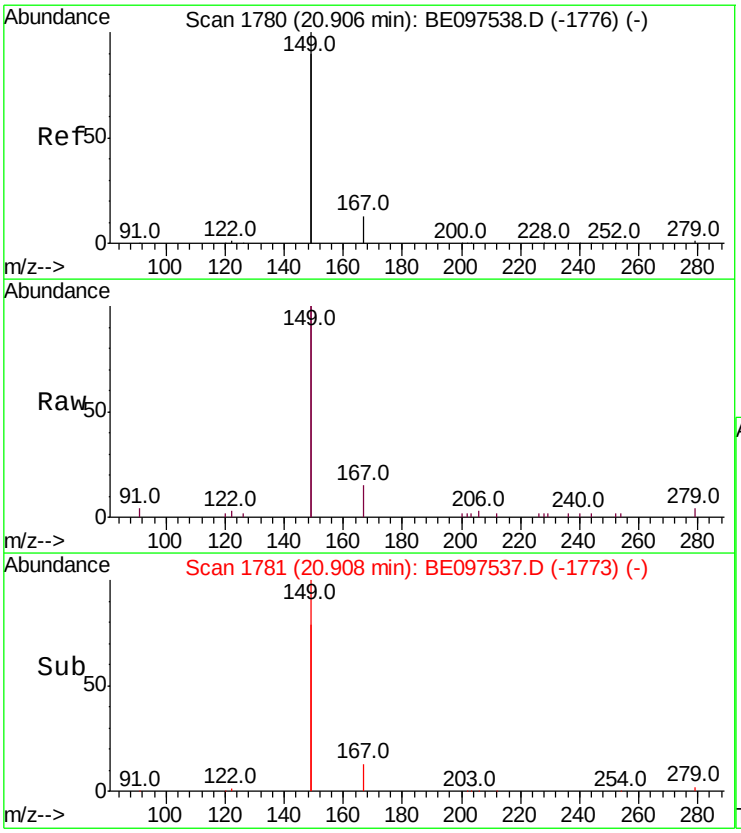
#31
Chrysene
Concen: 0.193 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4458

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	21.1	16.0	24.0

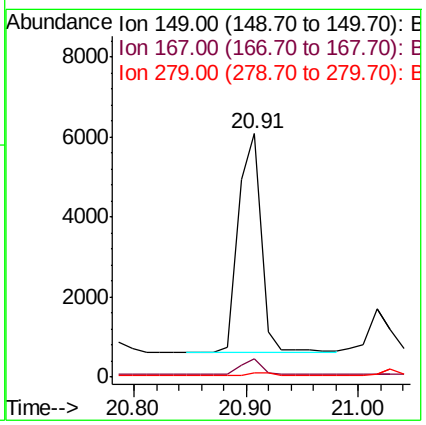


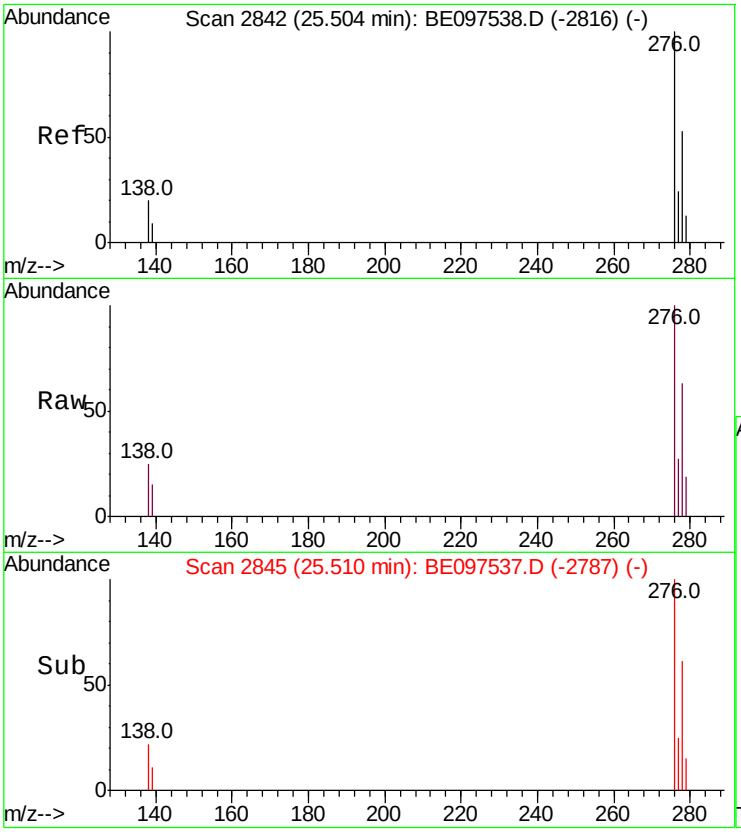


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:149 Resp: 7850

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1#



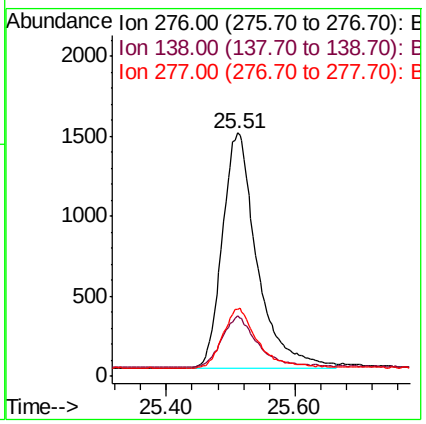


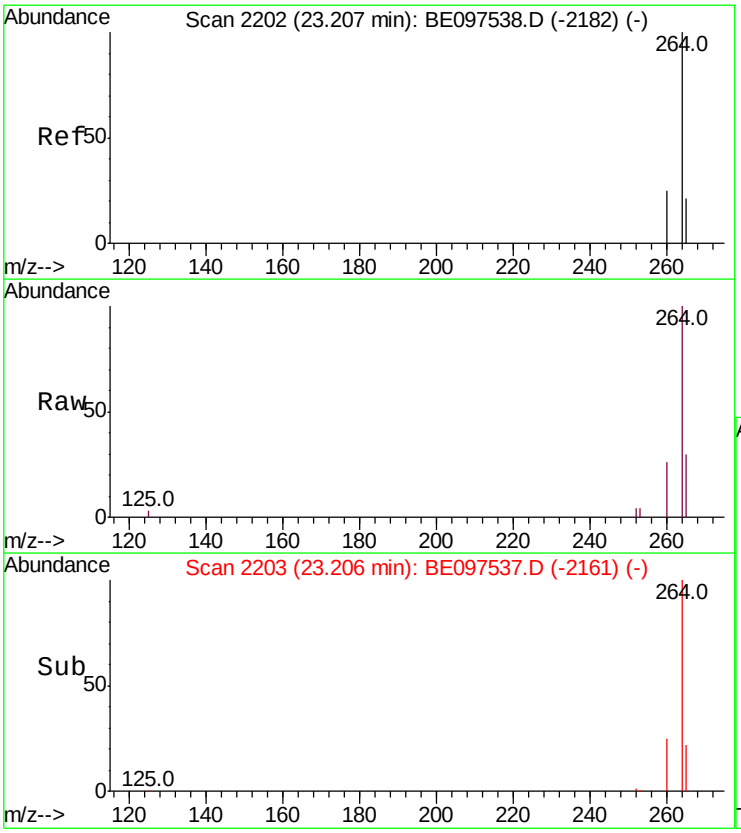
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5562

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.5	33.7#
277	25.0	19.9	29.9

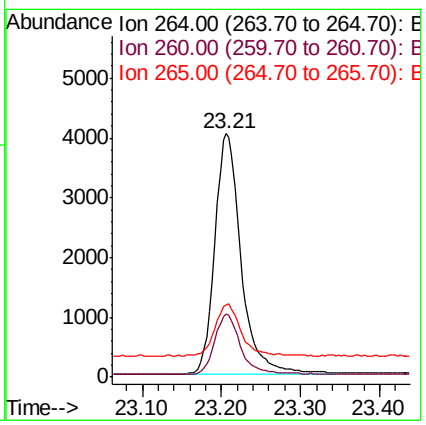


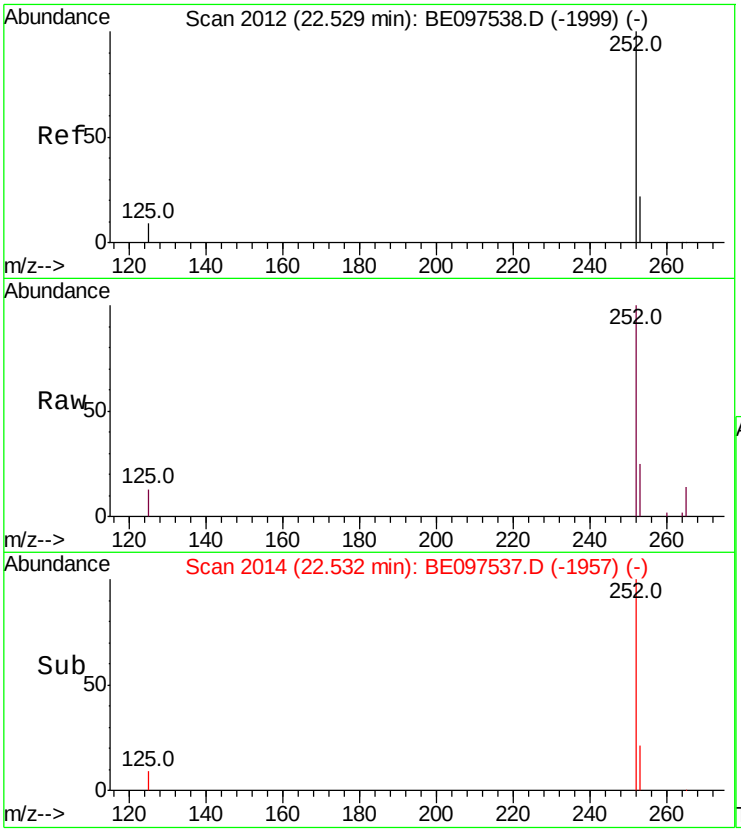


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:264 Resp: 9220

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	29.9	22.8	34.2



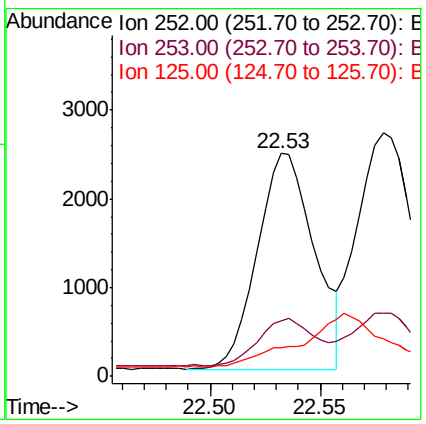


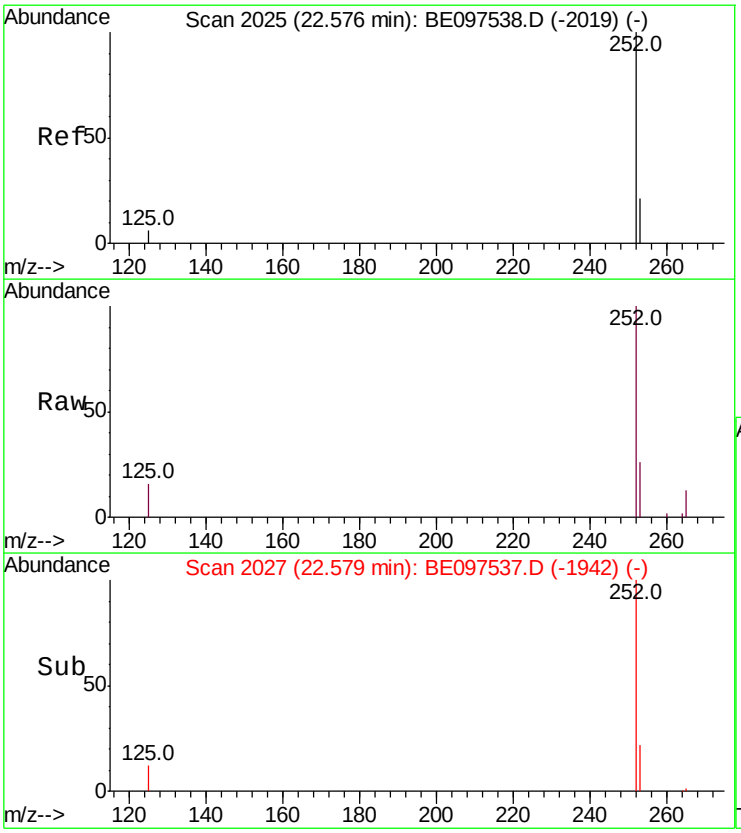
#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4371

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	12.7	16.0	24.0#

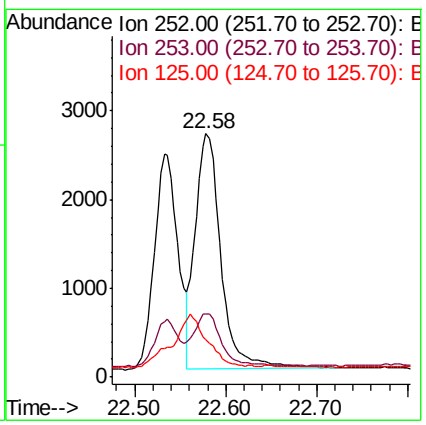


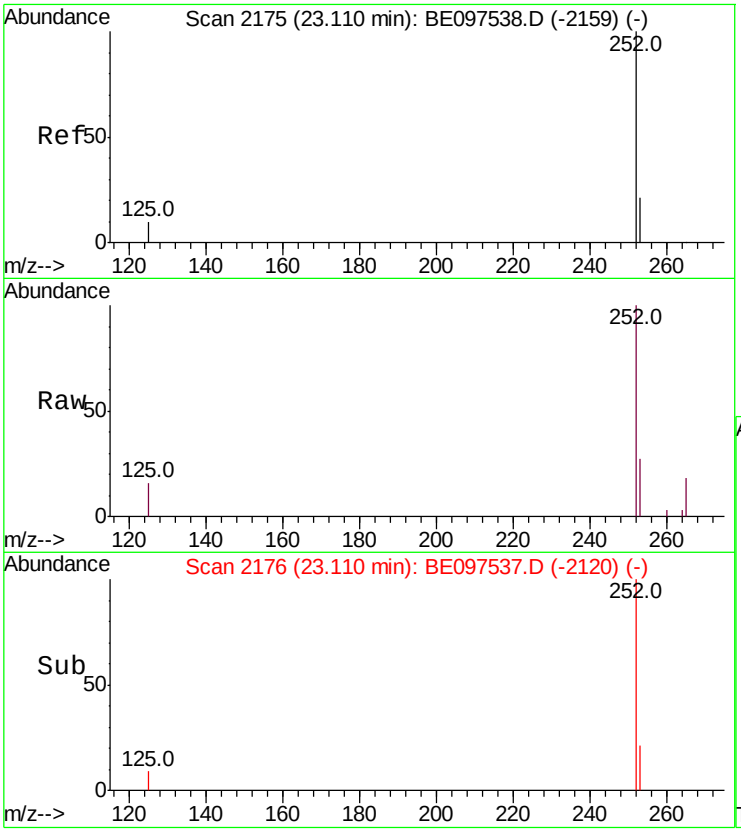


#36
Benzo(k)fluoranthene
Concen: 0.200 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:252 Resp: 5151

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.0	24.0#
125	15.6	8.0	12.0#



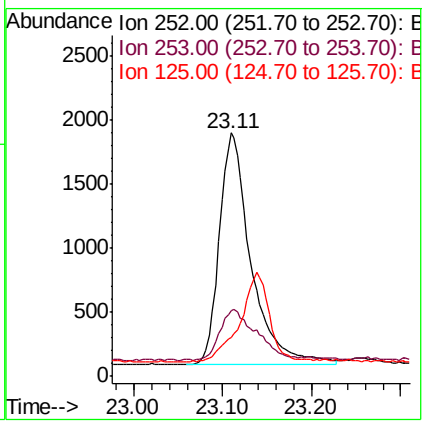


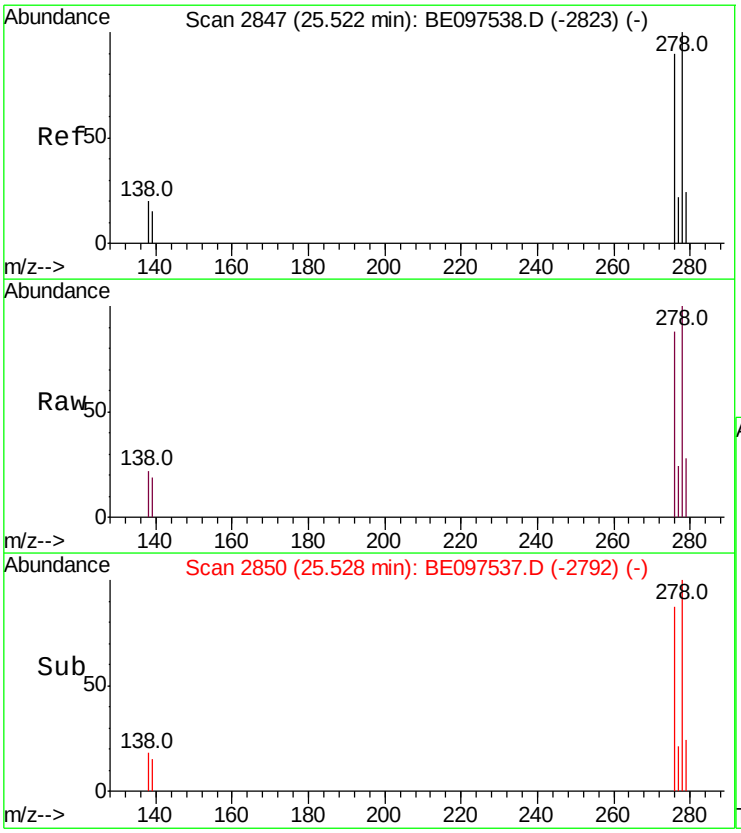
#37
Benzo(a)pyrene
Concen: 0.194 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4537

Ion	Ratio	Lower	Upper
252	100		
253	27.1	16.0	24.0#
125	15.7	12.0	18.0

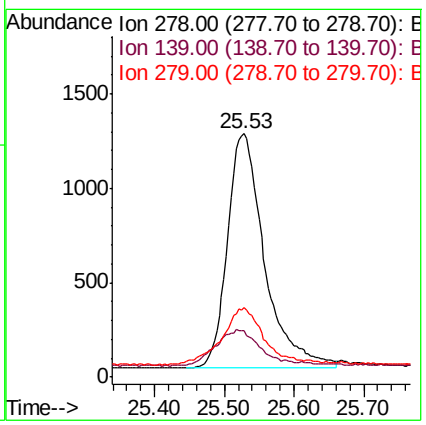


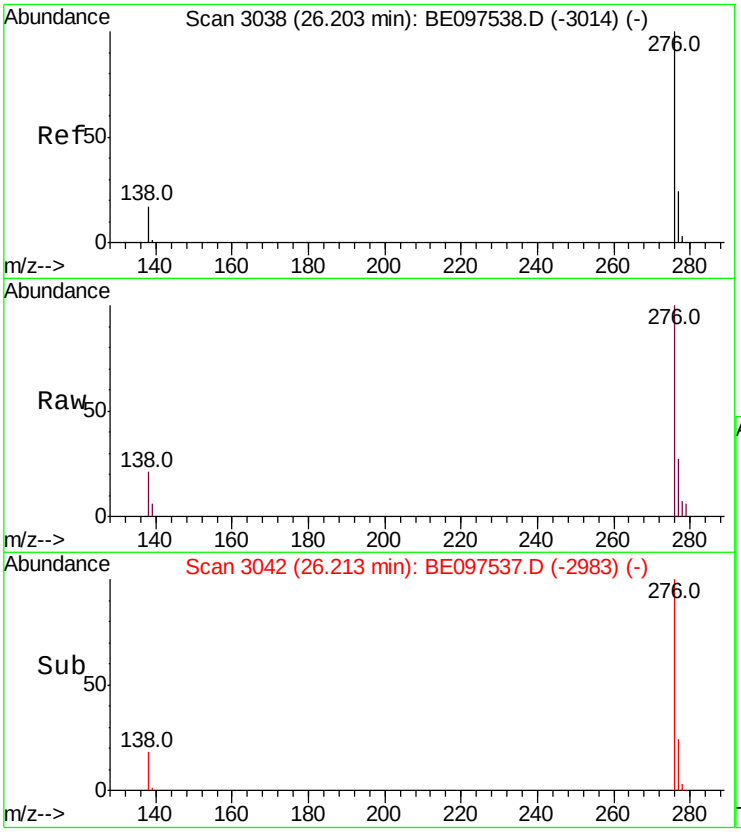


#38
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Tgt Ion:278 Resp: 4582

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.0	24.0
279	28.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.182 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.01 min
Lab File: BE097537.D
Acq: 19 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4535

Ion	Ratio	Lower	Upper
276	100		
277	26.7	16.0	24.0#
138	21.4	20.0	30.0