Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097376.D
Acq On : 28 Aug 2018 12:32
Operator : SJ/JU
Sample : PB112378BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 28 13:13:11 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	1138	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4719	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2051	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	4603	0.40	ng		0.00
27) Chrysene-d12	20.97	240	4425	0.40	ng		0.00
34) Perylene-d12	23.21	264	4795	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1392	0.41	ng		0.00
5) Phenol-d6	6.60	99	1683	0.37	ng		0.00
8) Nitrobenzene-d5	8.52	82	1417	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	3156	0.48	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	243	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3778	0.50	ng		0.00
25) Fluoranthene-d10	18.80	212	21040	0.40	ng		0.00
29) Terphenyl-d14	19.42	244	3449	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	643	0.318	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	842	0.446	ng	#	89
6) bis(2-Chloroethyl)ether	6.83	93	1420	0.343	ng		97
9) Naphthalene	10.18	128	17968	0.418	ng		100
10) Hexachlorobutadiene	10.47	225	744	0.387	ng		96
12) 2-Methylnaphthalene	11.79	142	2678	0.395	ng		98
16) Acenaphthylene	13.73	152	3214	0.394	ng		99
17) Acenaphthene	14.07	154	2193	0.403	ng		96
18) Fluorene	15.06	166	2626	0.382	ng	#	80
20) 4-Bromophenyl-phenylether	15.97	248	838	0.400	ng	#	76
21) Hexachlorobenzene	16.08	284	966	0.417	ng	#	82
22) Pentachlorophenol	16.43	266	415	0.665	ng	#	76
23) Phenanthrene	16.80	178	4644	0.424	ng		98
24) Anthracene	16.89	178	3854	0.413	ng		96
26) Fluoranthene	18.83	202	5100	0.371	ng		98
28) Pyrene	19.20	202	4894	0.465	ng		99
30) Benzo(a)anthracene	20.95	228	4344	0.388	ng		97
31) Chrysene	21.00	228	5168	0.429	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	3992	0.336	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	7467	0.515	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	5223	0.406	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	5648	0.397	ng		94
37) Benzo(a)pyrene	23.11	252	5016	0.405	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	6422	0.444	ng		96
39) Benzo(g,h,i)perylene	26.20	276	6683	0.453	ng	#	89

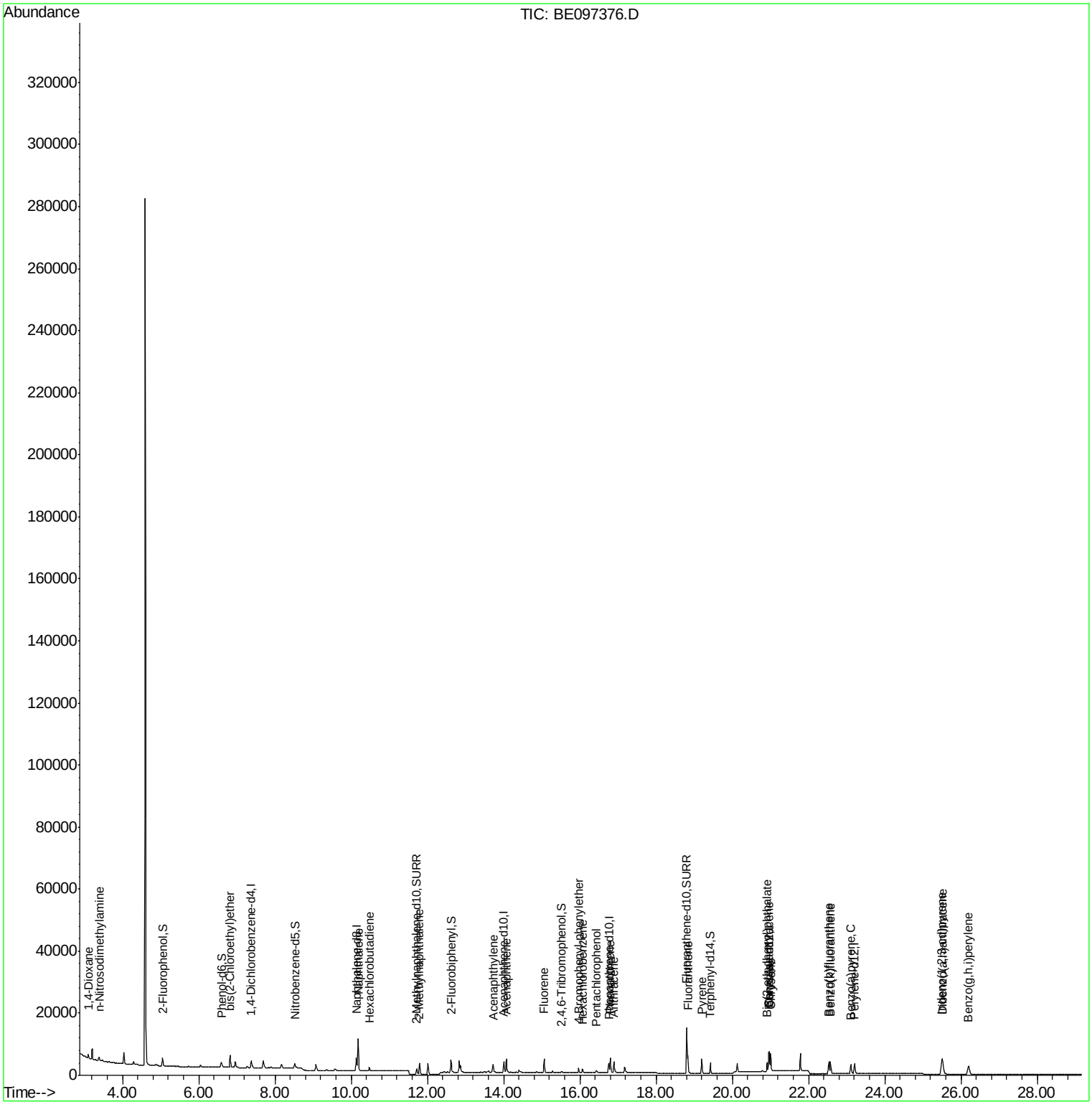
(#) = qualifier out of range (m) = manual integration (+) = signals summed

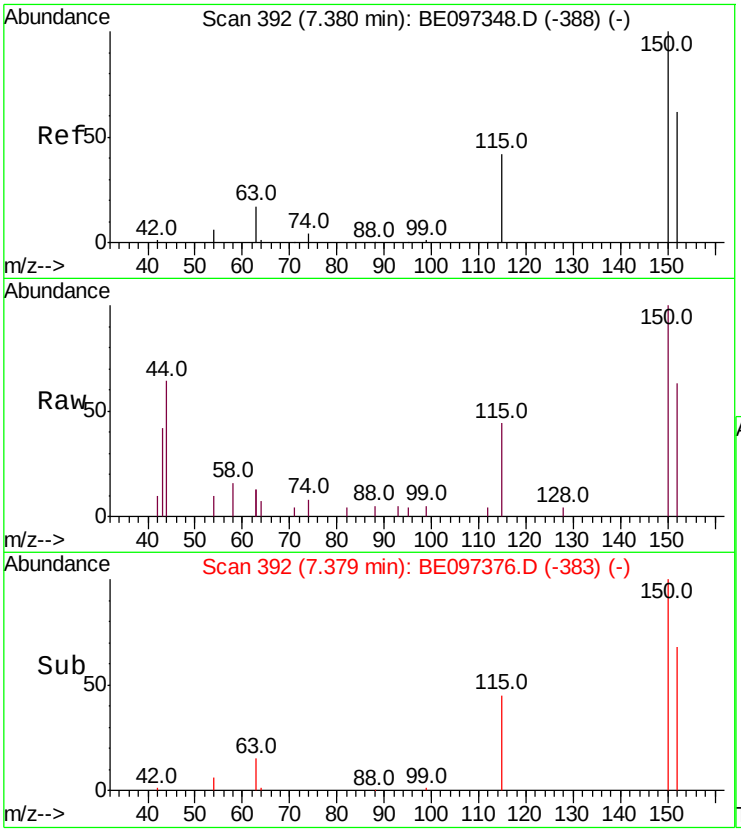
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097376.D
Acq On : 28 Aug 2018 12:32
Operator : SJ/JU
Sample : PB112378BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 28 13:13:11 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



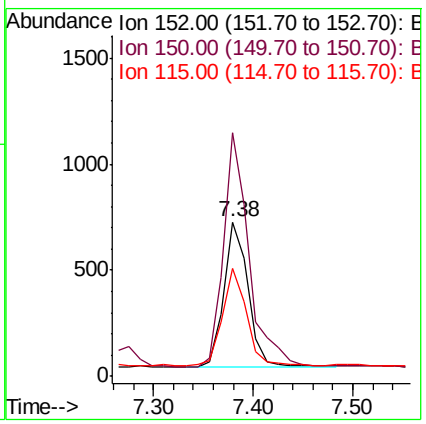


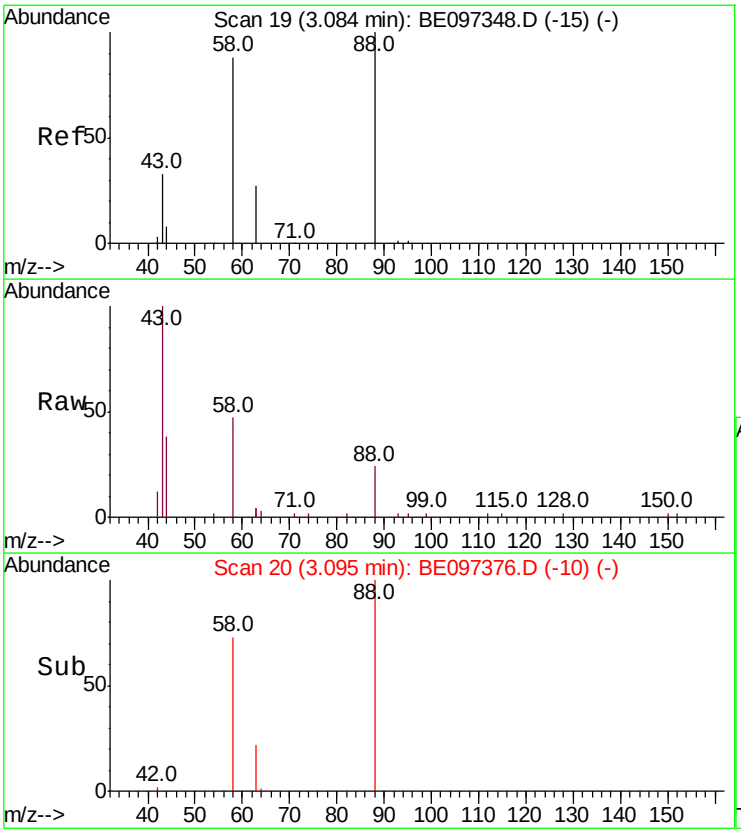
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1138

Ion	Ratio	Lower	Upper
152	100		
150	157.8	117.2	175.8
115	70.0	57.0	85.6

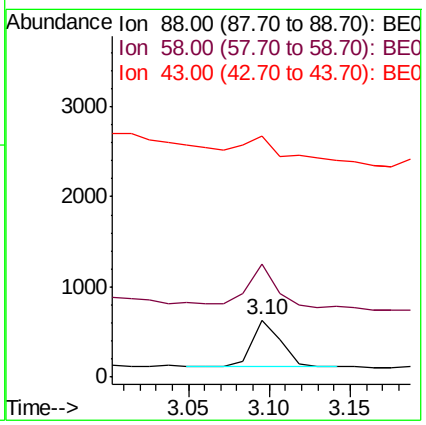


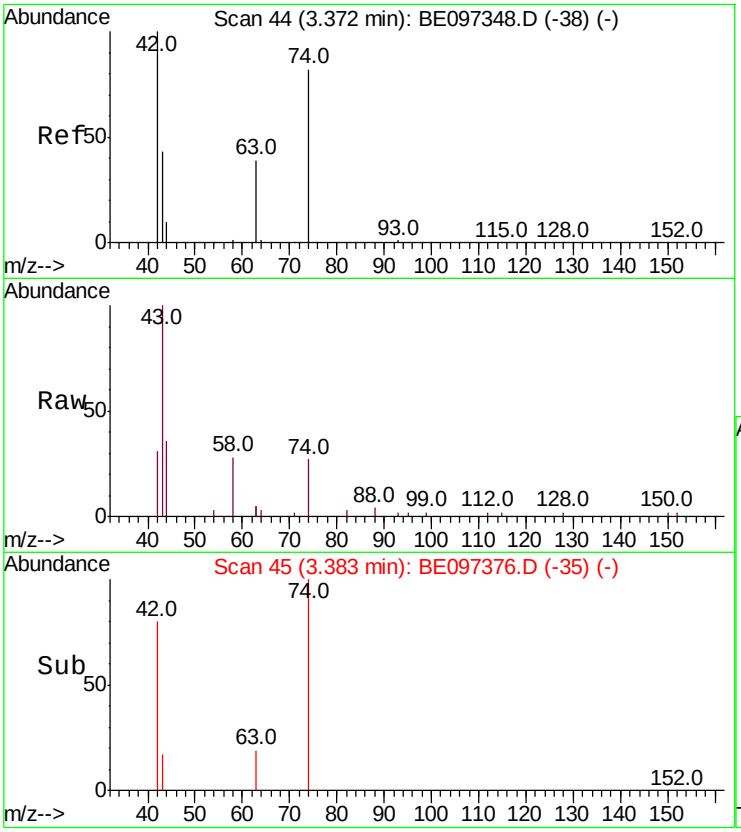


#2
1,4-Dioxane
Concen: 0.318 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion: 88 Resp: 643

Ion	Ratio	Lower	Upper
88	100		
58	89.9	63.2	94.8
43	61.9	41.2	61.8#

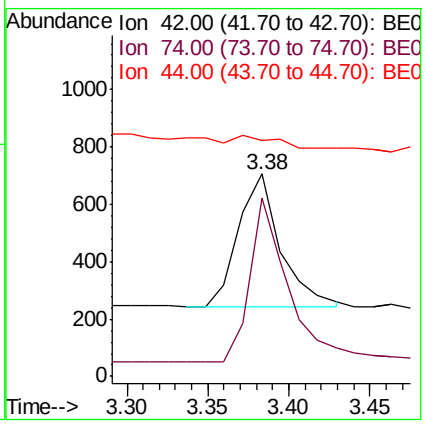




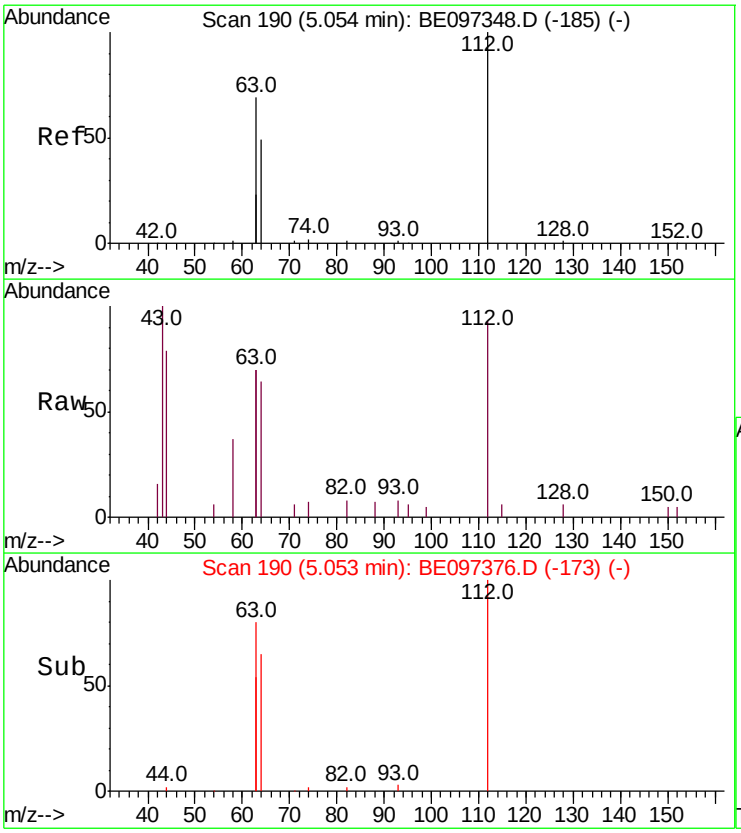
#3
n-Nitrosodimethylamine
Concen: 0.446 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion: 42 Resp: 842

Ion	Ratio	Lower	Upper
42	100		
74	108.6	96.0	144.0
44	8.3	12.0	18.0#



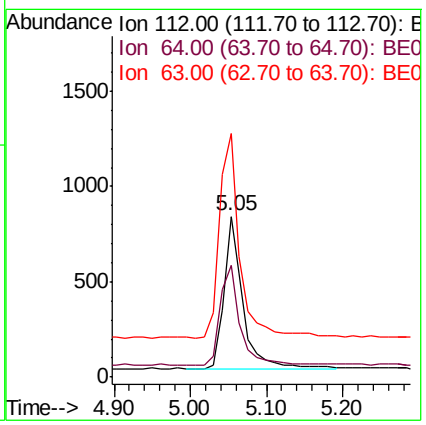
Instrument :
BNA_E
ClientSampleId :

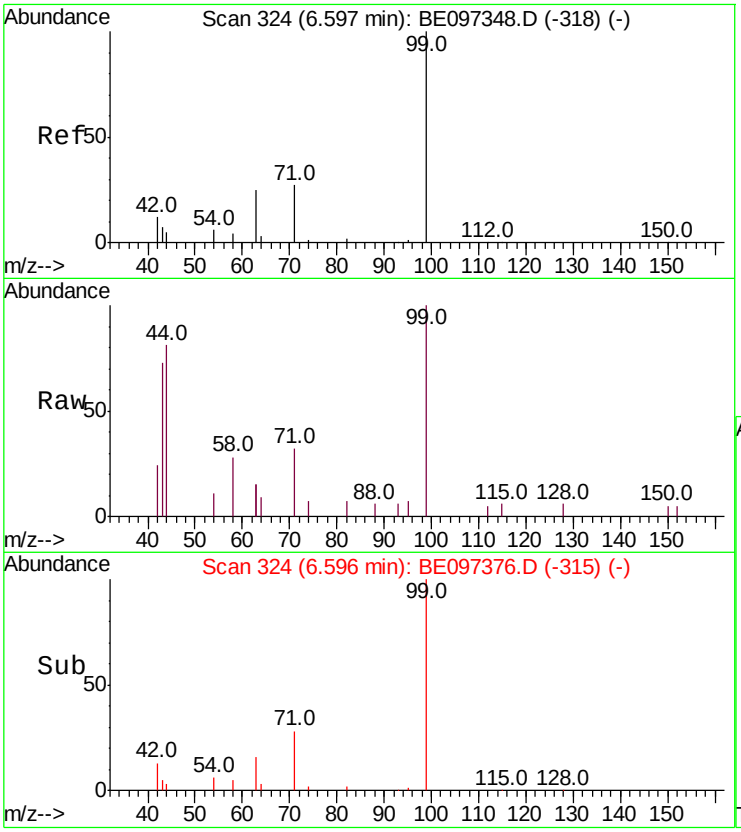


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:112 Resp: 1392

Ion	Ratio	Lower	Upper
112	100		
64	68.7	60.1	90.1
63	149.5	116.8	175.2



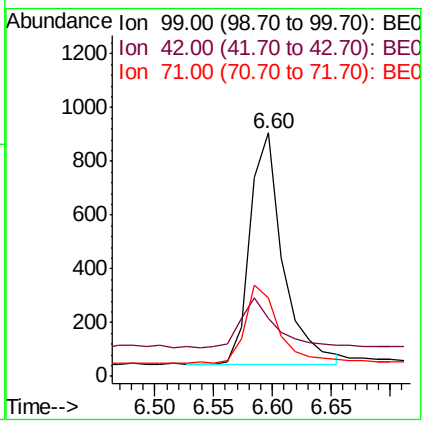


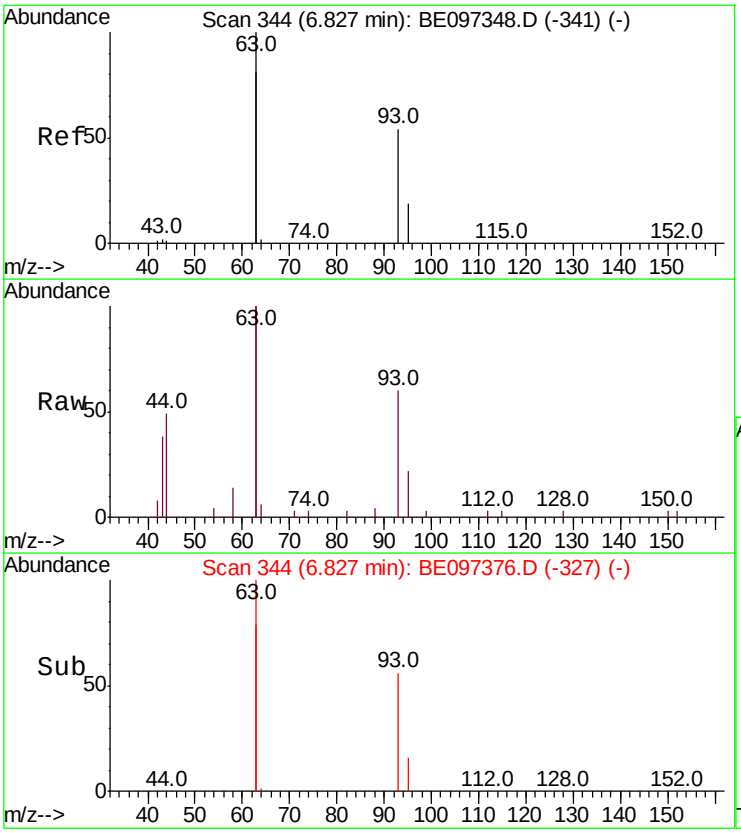
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1683

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.2	30.2
71	34.5	28.4	42.6

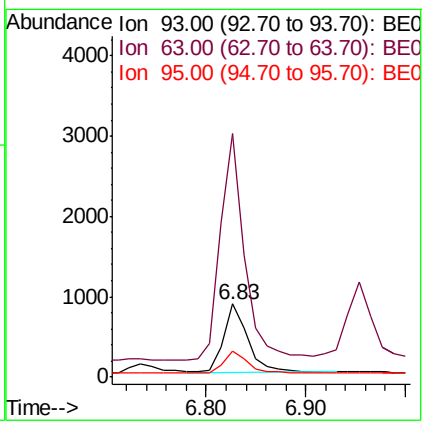


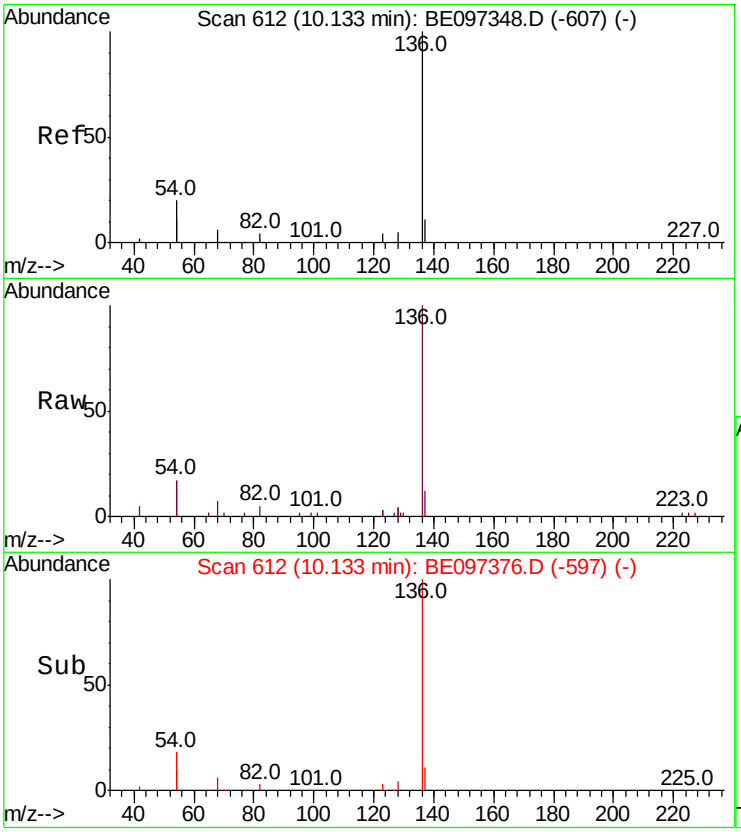


#6
bis(2-Chloroethyl)ether
Concen: 0.343 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion: 93 Resp: 1420

Ion	Ratio	Lower	Upper
93	100		
63	337.4	275.3	412.9
95	32.9	25.2	37.8



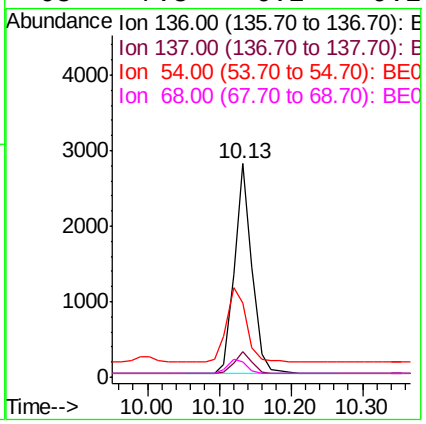


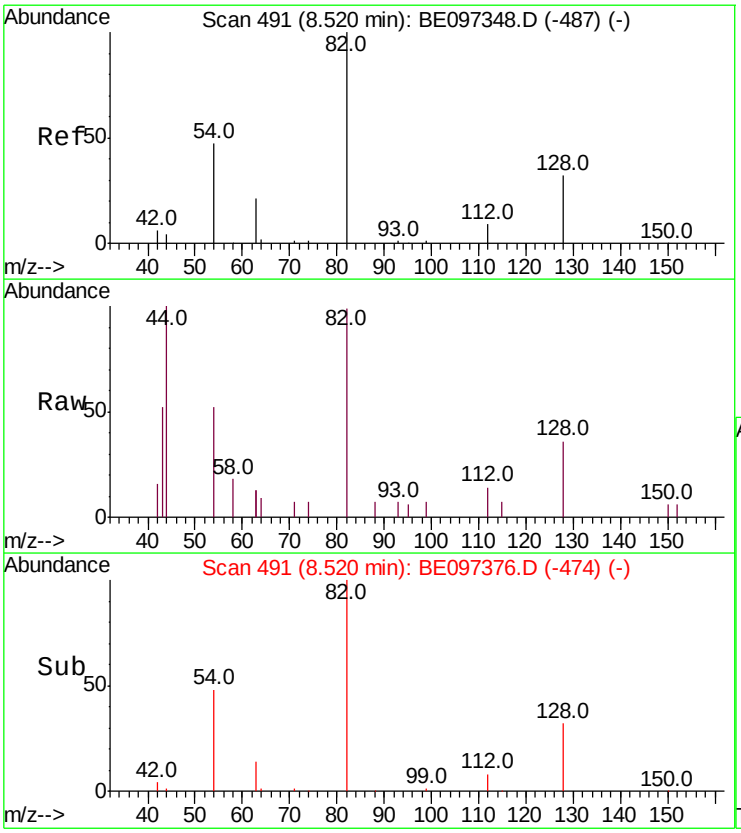
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4719

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	34.7	29.1	43.7
68	7.3	6.2	9.2

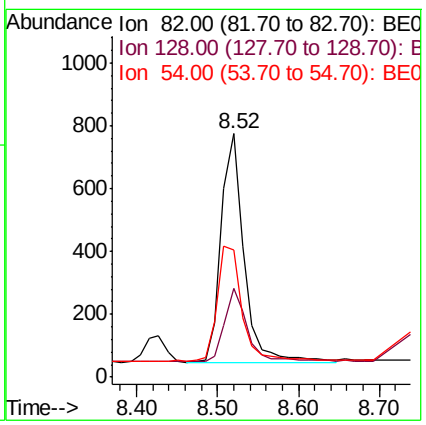


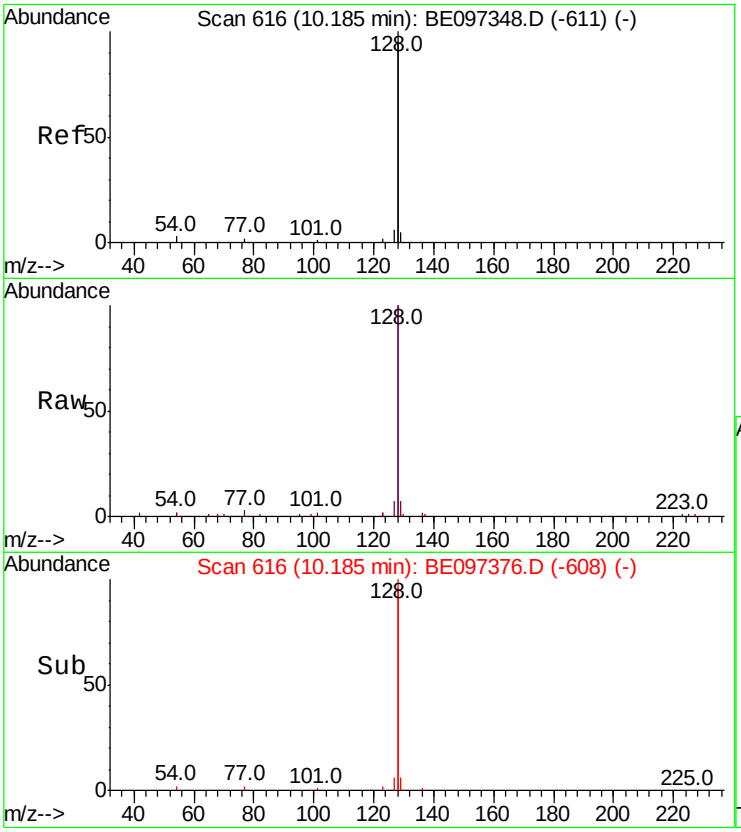


#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion: 82 Resp: 1417

Ion	Ratio	Lower	Upper
82	100		
128	36.3	24.0	36.0#
54	52.1	40.0	60.0



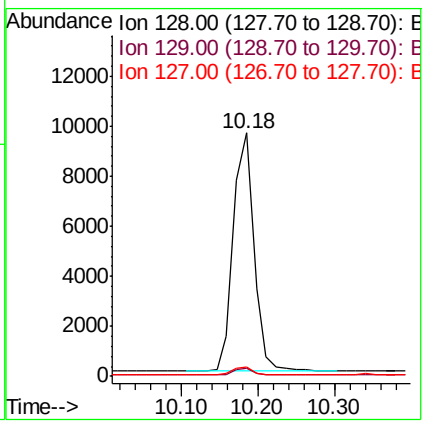


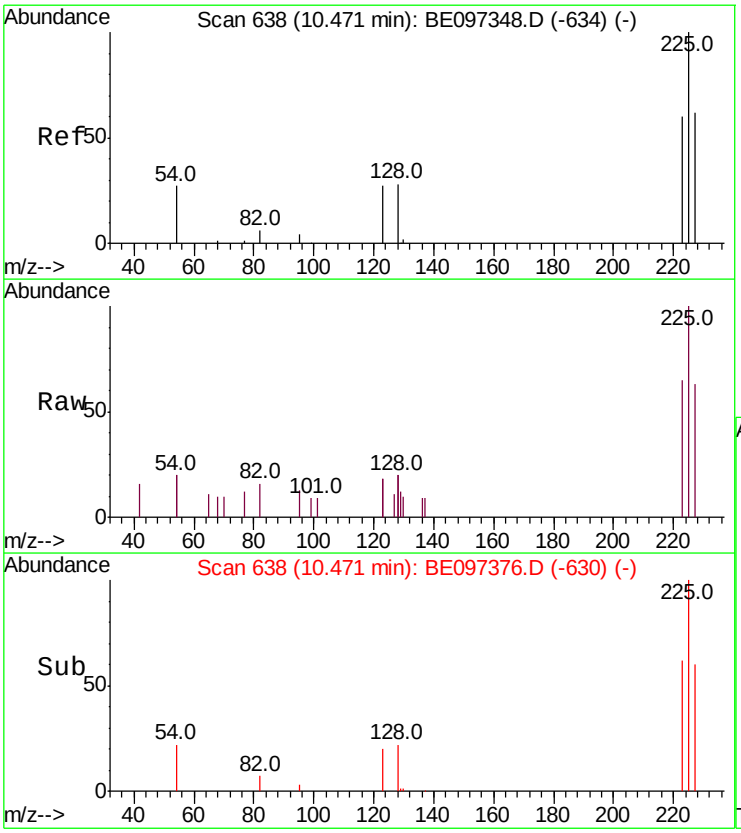
#9
Naphthalene
Concen: 0.418 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17968

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.6	2.8	4.2

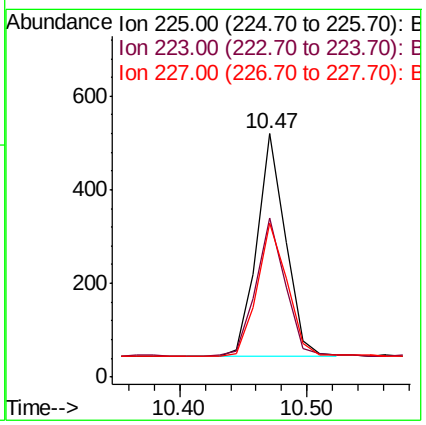


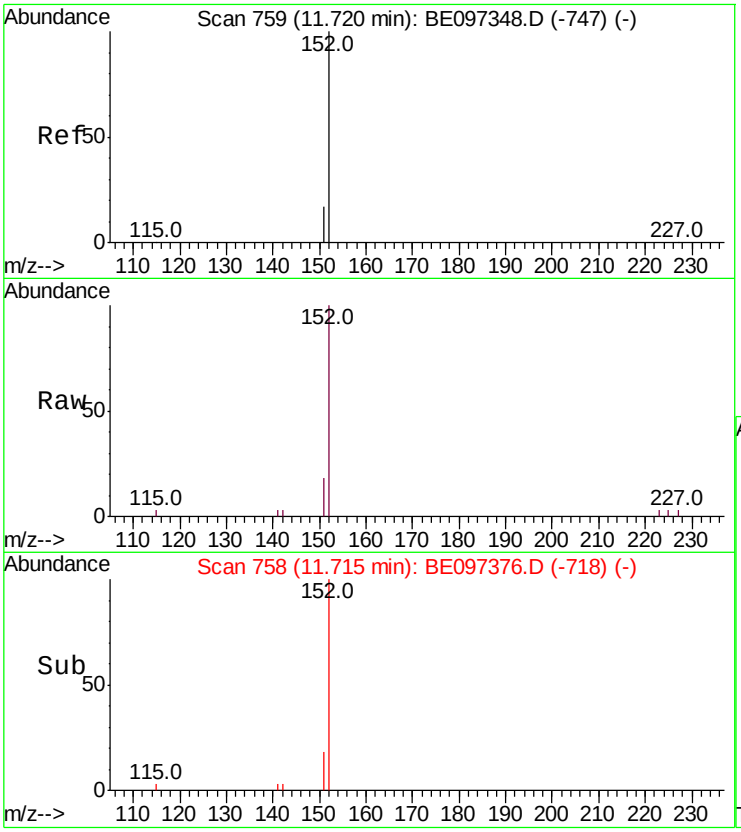


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:225 Resp: 744

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	62.6	51.4	77.2



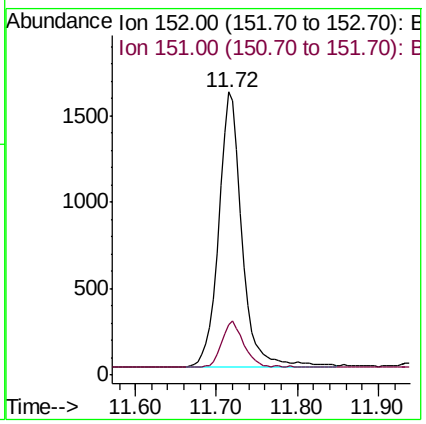


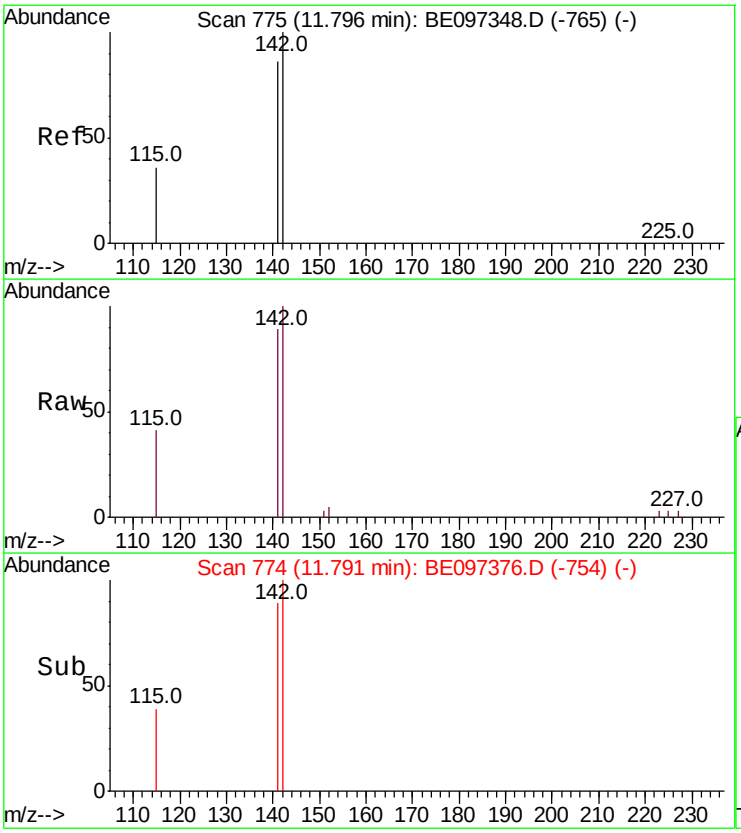
#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3156

Ion	Ratio	Lower	Upper
152	100		
151	15.8	15.4	23.0

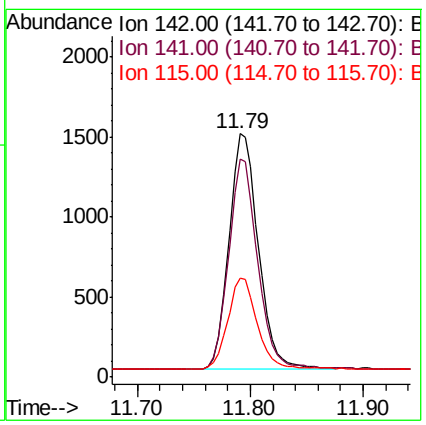


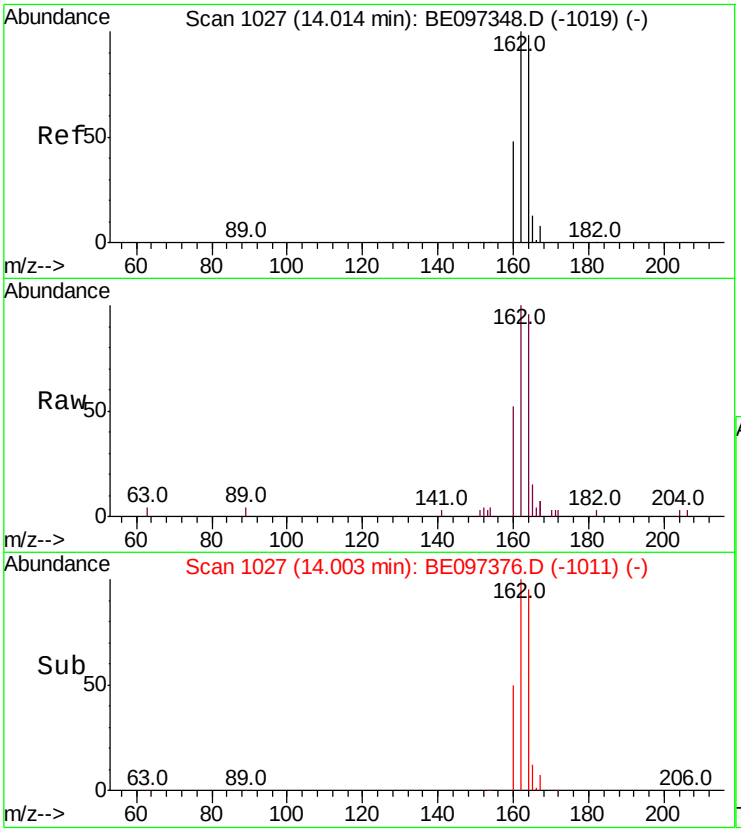


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:142 Resp: 2678

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	40.8	31.7	47.5



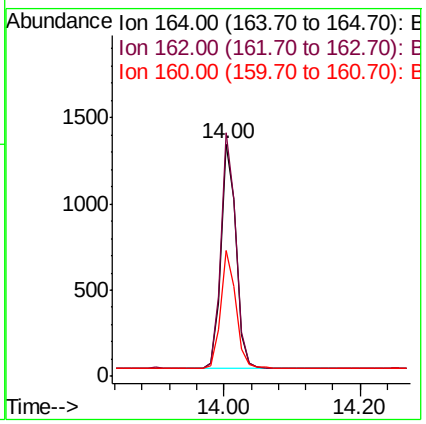


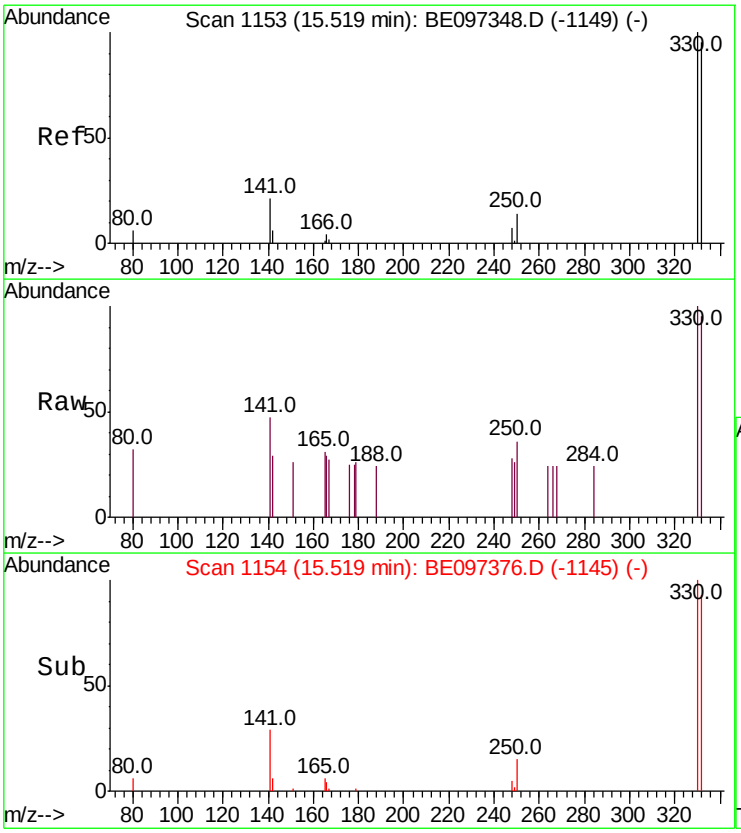
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2051

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	54.3	37.1	55.7

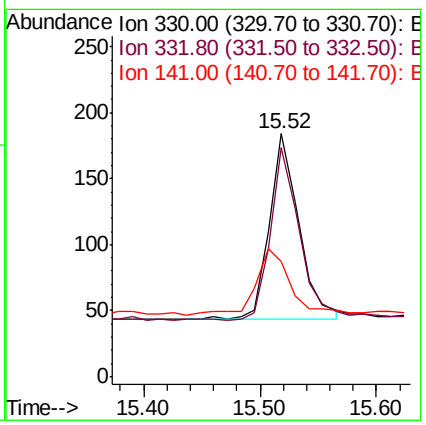


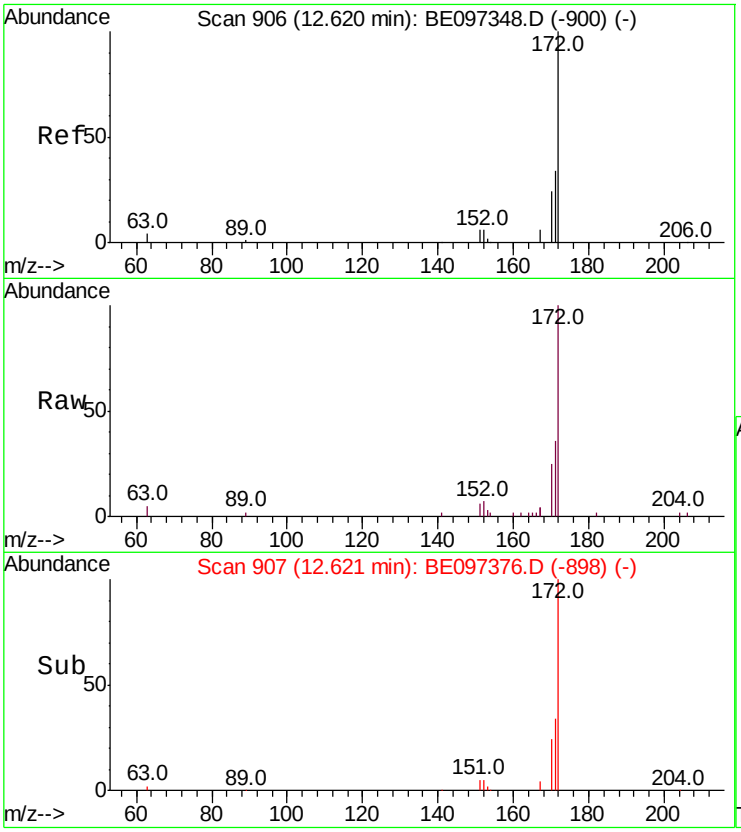


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	92.2	152.7	229.1#
141	44.0	33.7	50.5



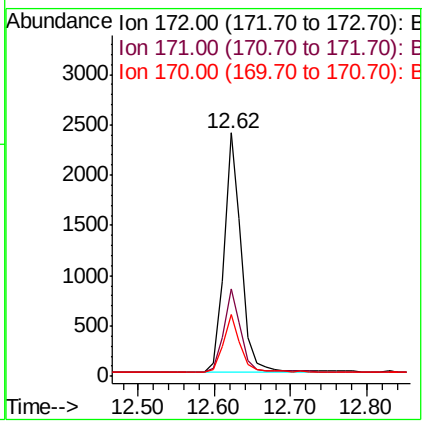


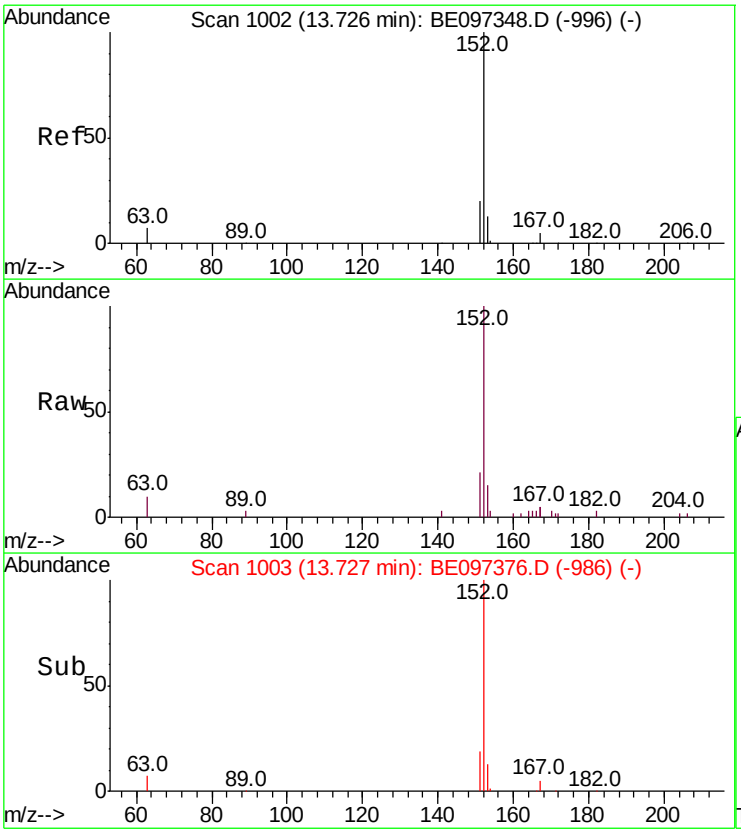
#15
2-Fluorobiphenyl
Concen: 0.502 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3778

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	25.2	21.8	32.8

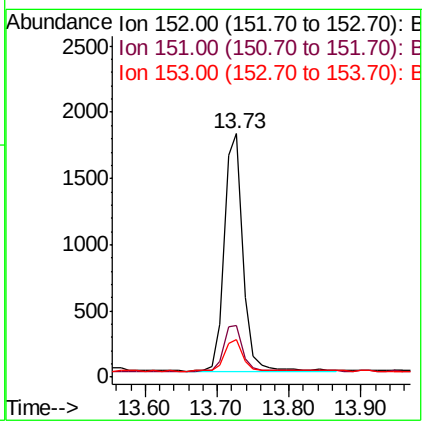


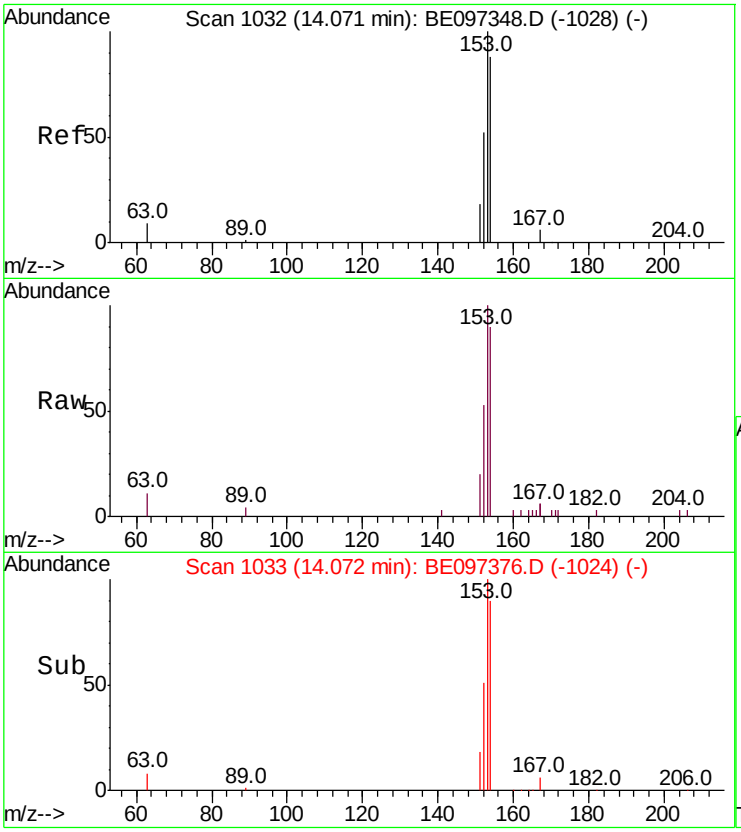


#16
Acenaphthylene
Concen: 0.394 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:152 Resp: 3214

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.3	10.5	15.7



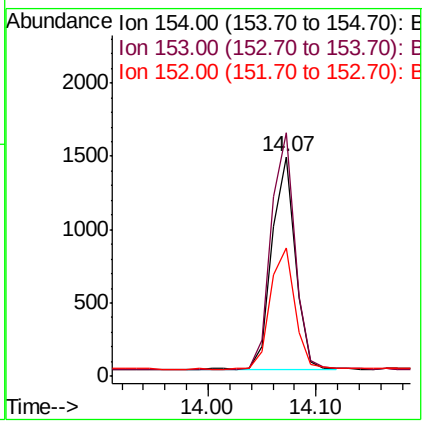


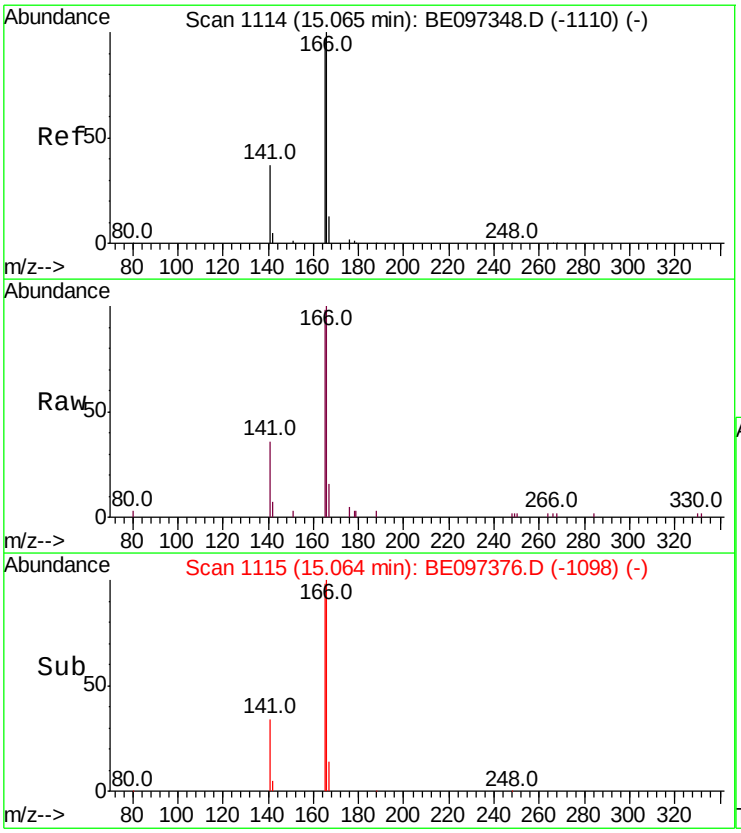
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2193

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	59.7	42.0	63.0

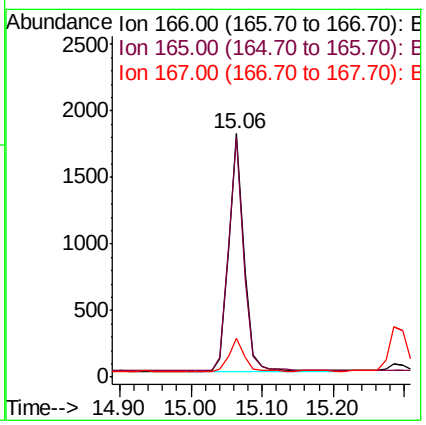


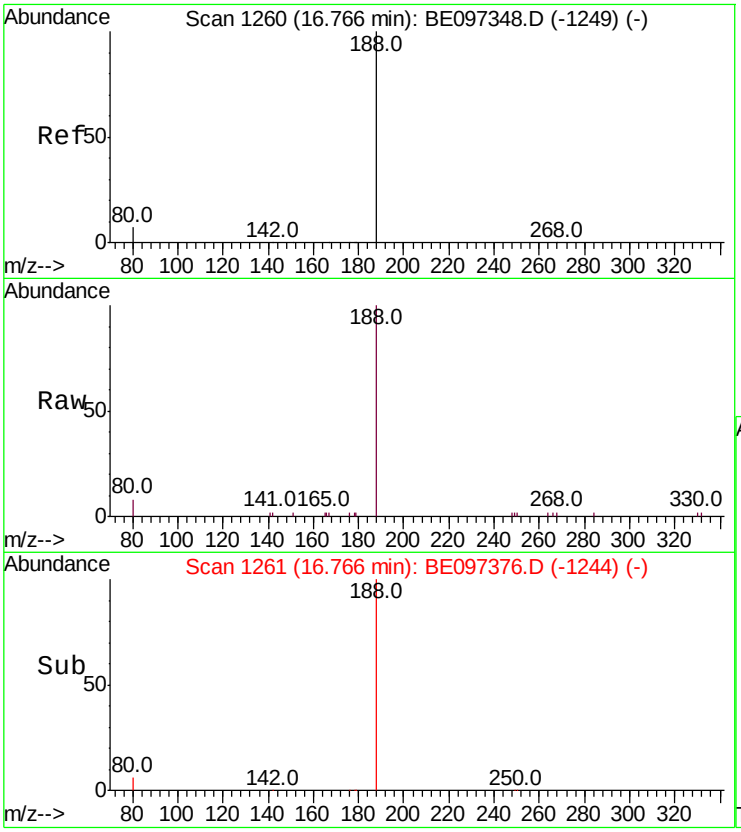


#18
Fluorene
Concen: 0.382 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:166 Resp: 2626

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.8	42.4	63.6#



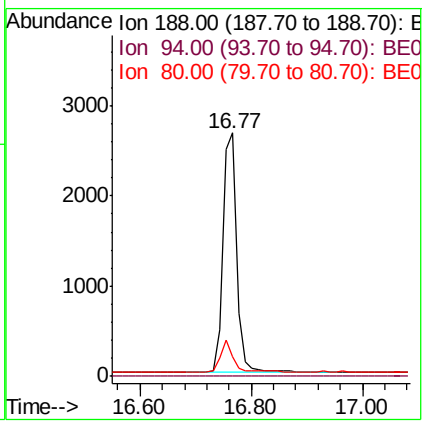


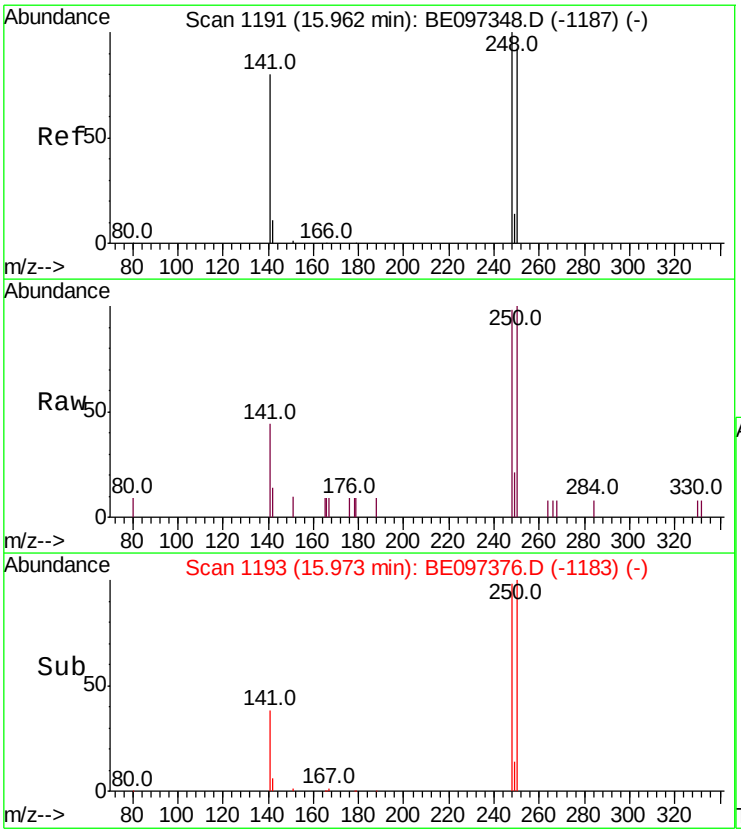
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4603

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

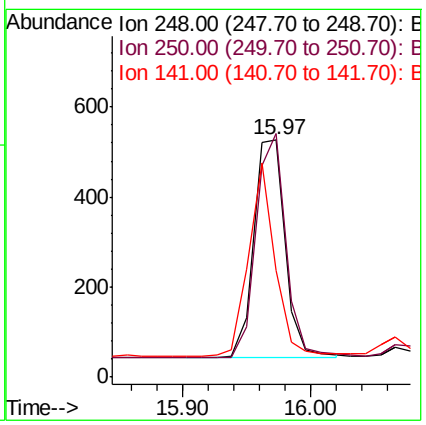


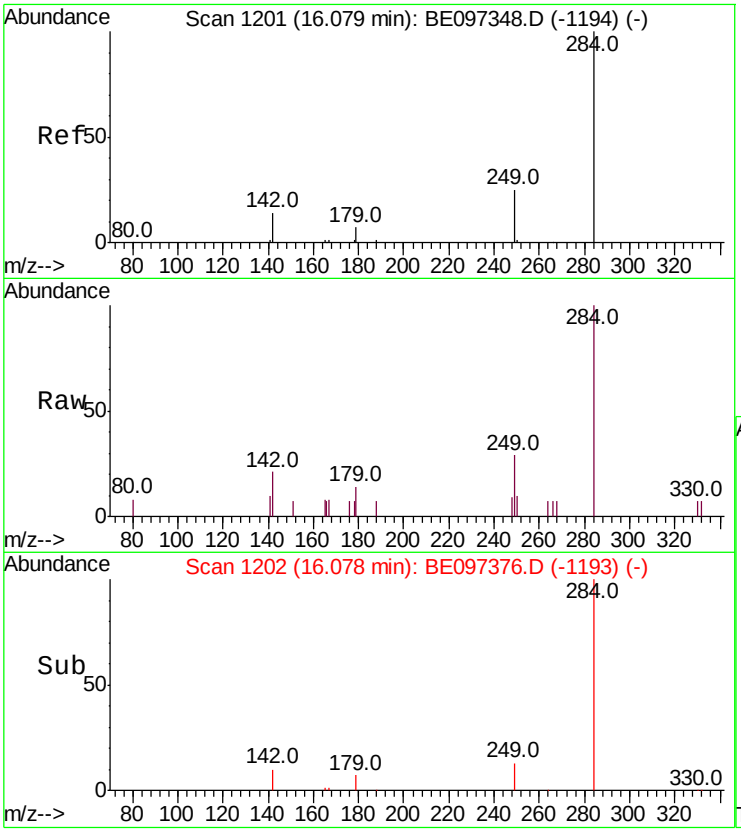


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:248 Resp: 838

Ion	Ratio	Lower	Upper
248	100		
250	102.5	62.7	94.1#
141	44.9	48.2	72.2#



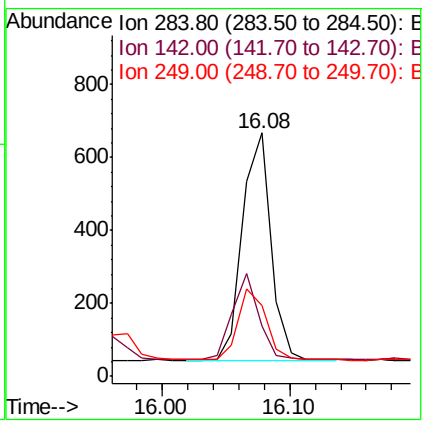


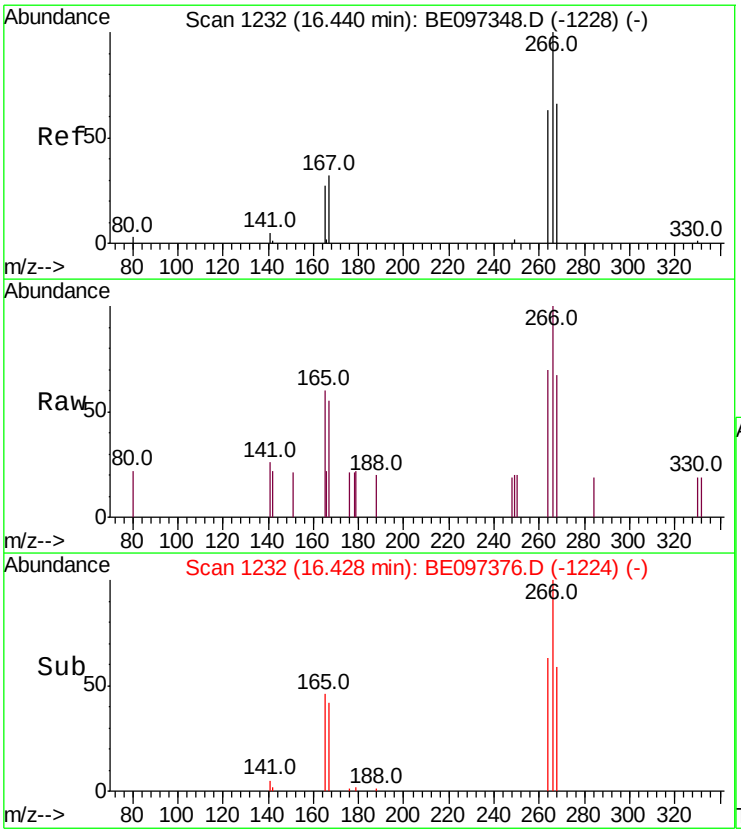
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 966

Ion	Ratio	Lower	Upper
284	100		
142	34.5	22.1	33.1#
249	30.3	34.8	52.2#

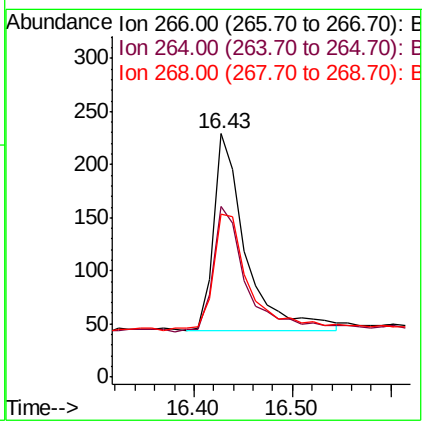


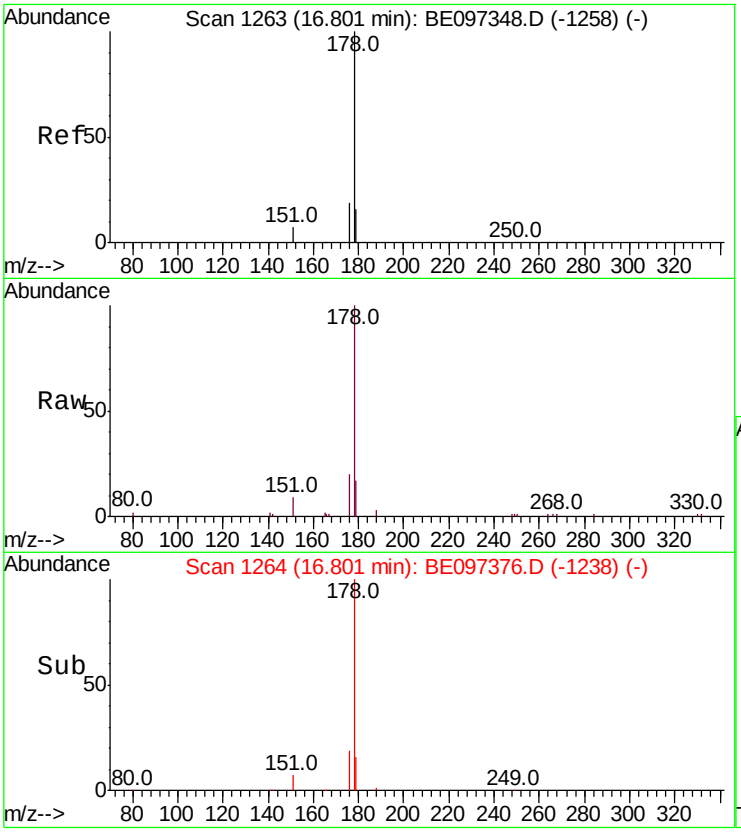


#22
Pentachlorophenol
Concen: 0.665 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:266 Resp: 415

Ion	Ratio	Lower	Upper
266	100		
264	70.3	72.5	108.7#
268	66.8	73.8	110.6#



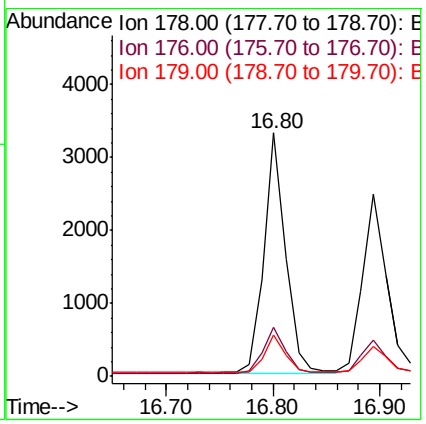


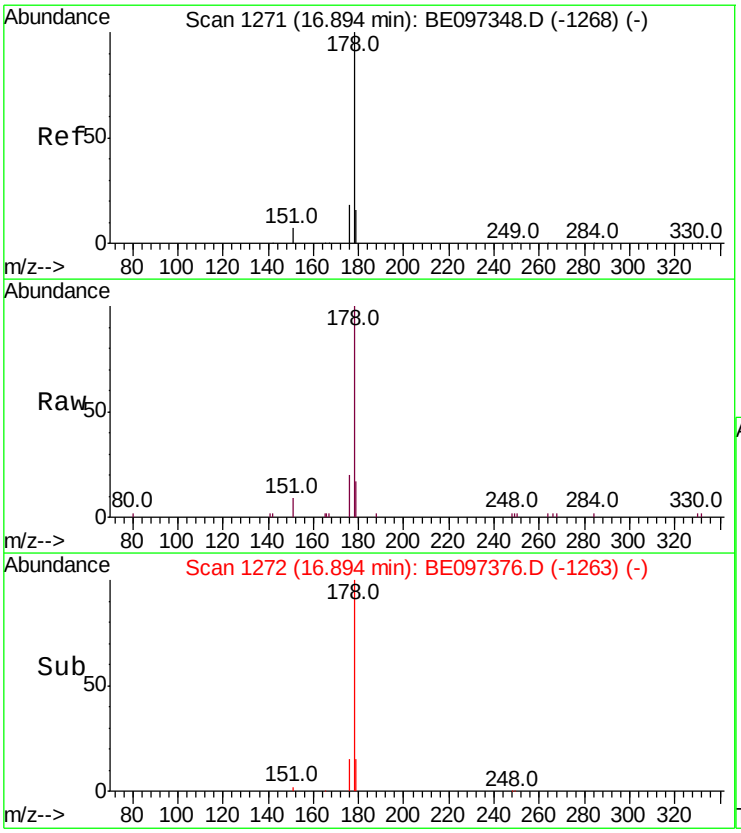
#23
Phenanthrene
Concen: 0.424 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4644

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6

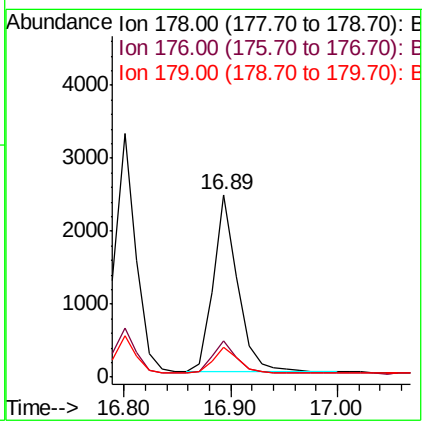


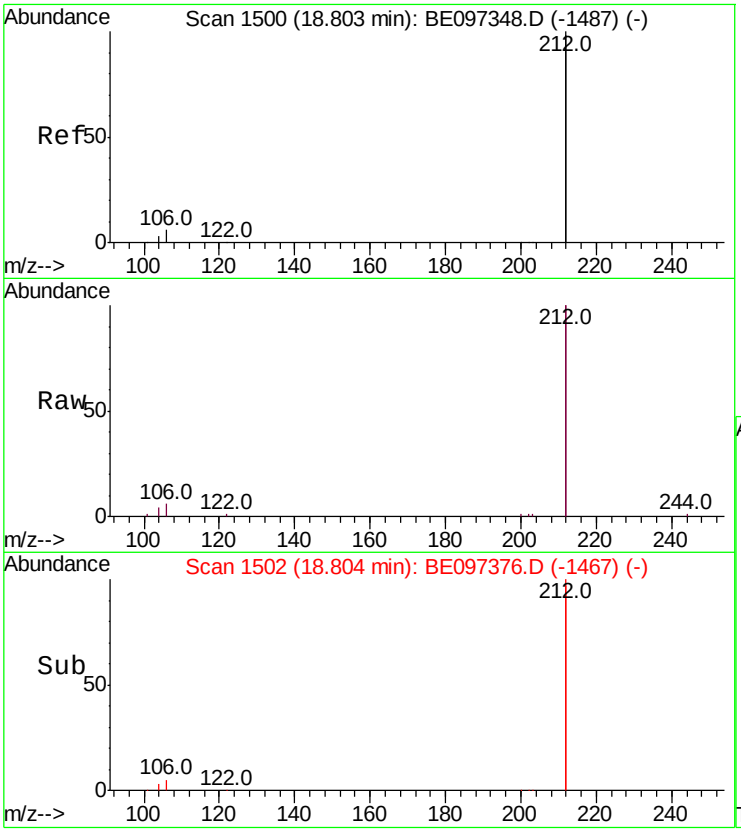


#24
Anthracene
Concen: 0.413 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:178 Resp: 3854

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.6	13.0	19.6



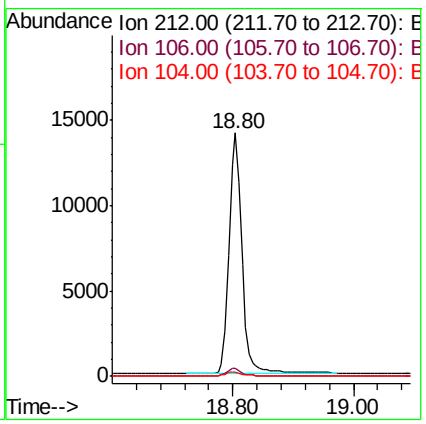


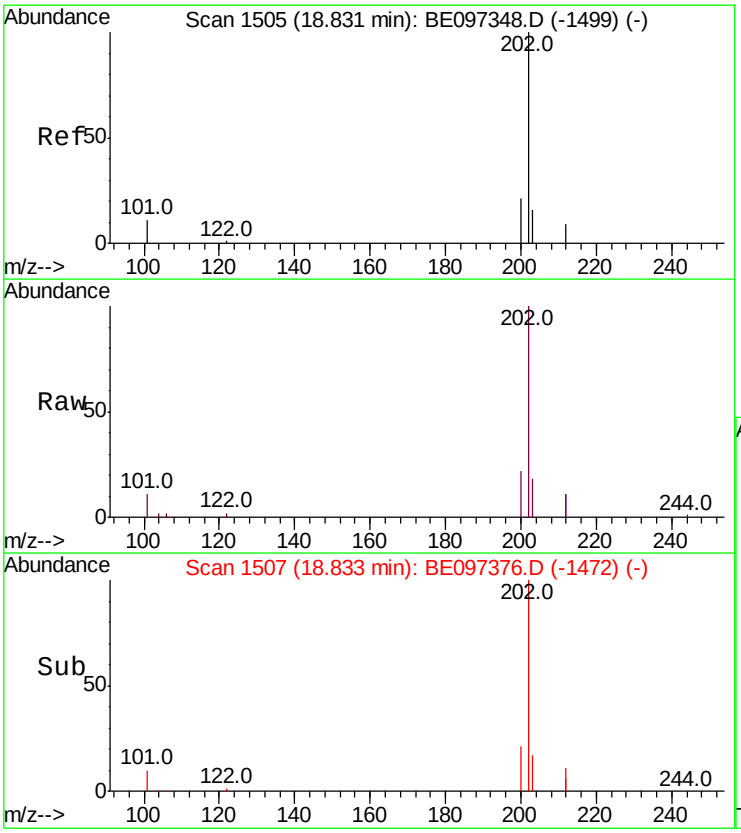
#25
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 21040

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

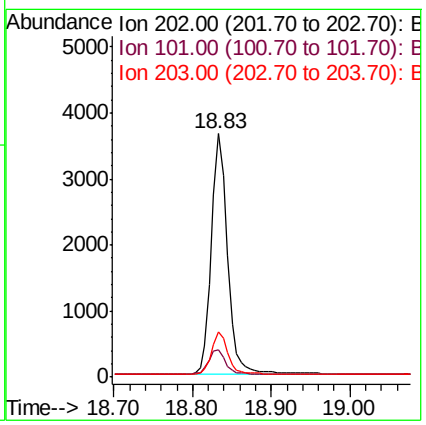


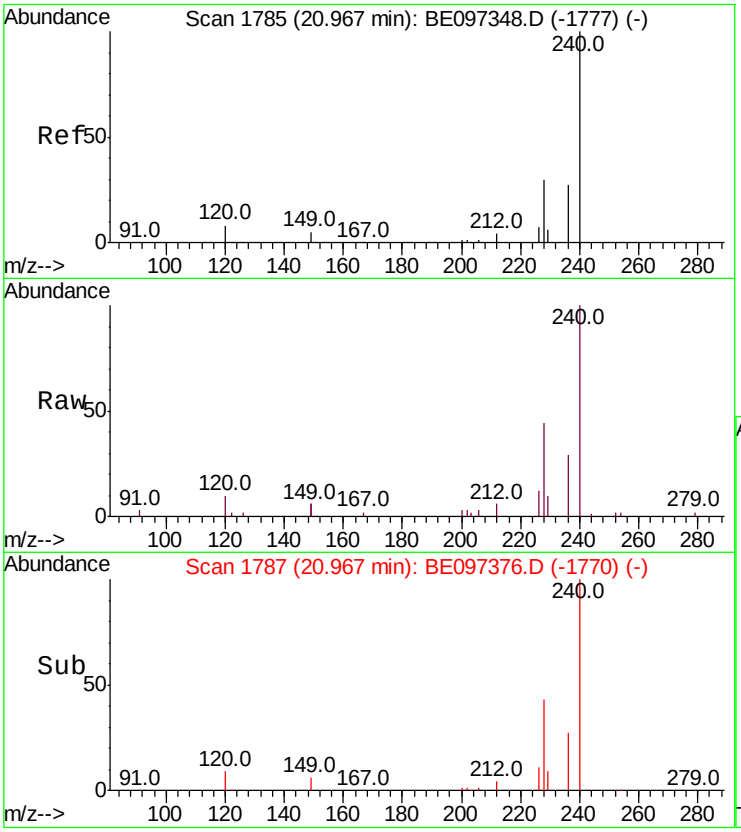


#26
Fluoranthene
Concen: 0.371 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:202 Resp: 5100

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	16.9	13.7	20.5



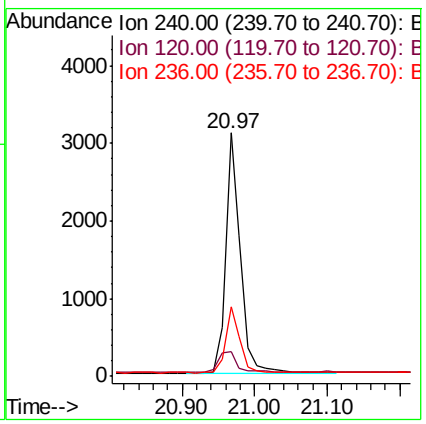


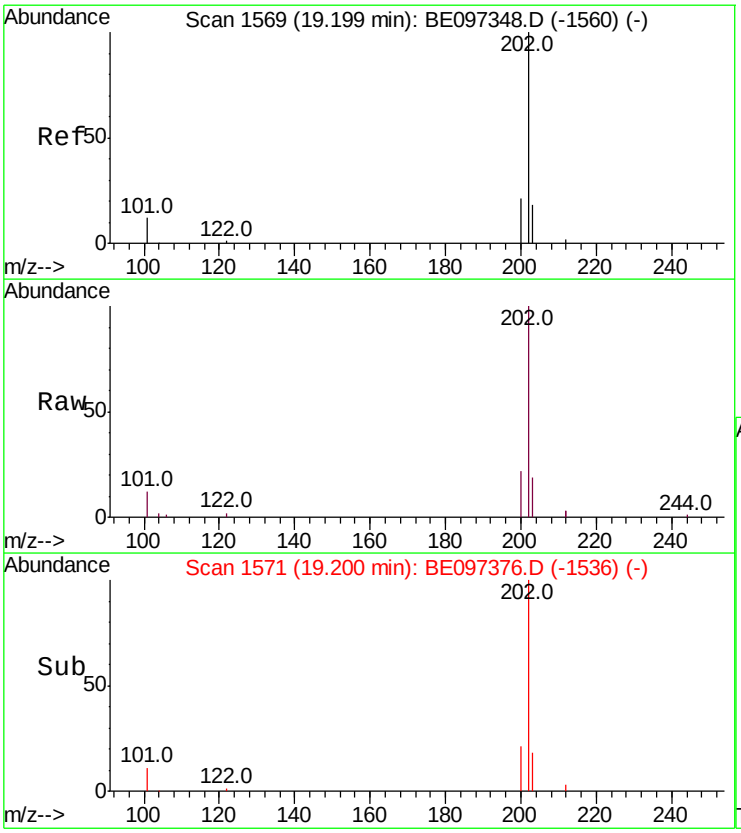
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4425

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	28.5	20.7	31.1

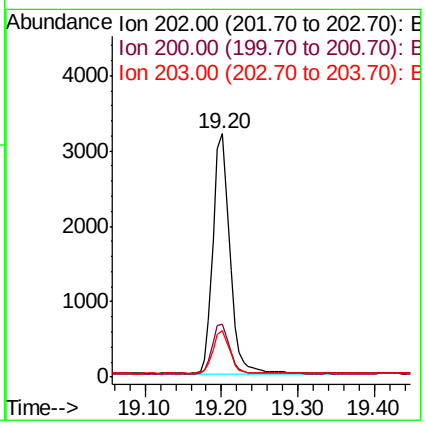


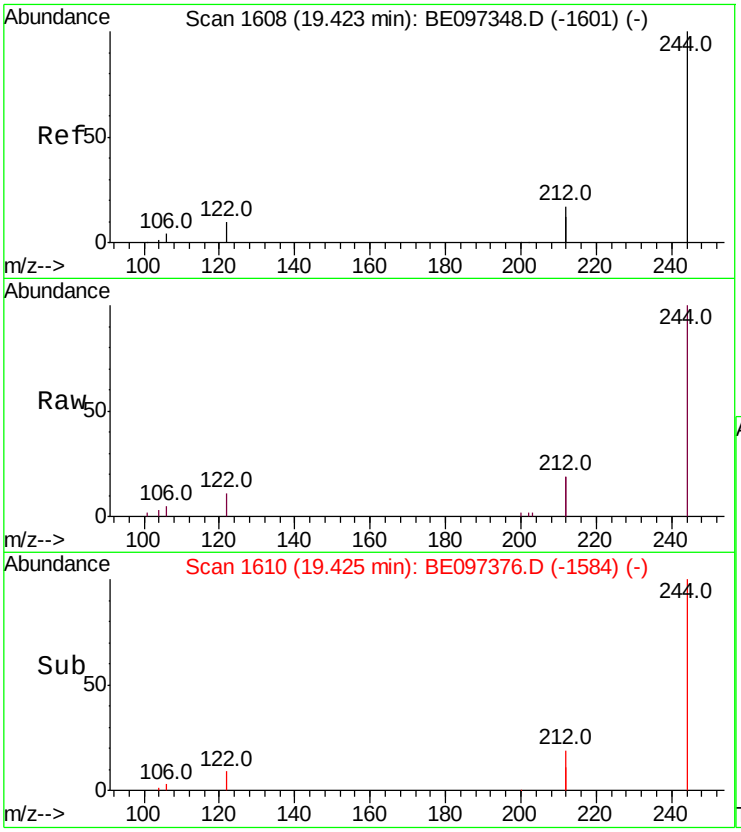


#28
Pyrene
Concen: 0.465 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:202 Resp: 4894

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.9	13.8	20.8



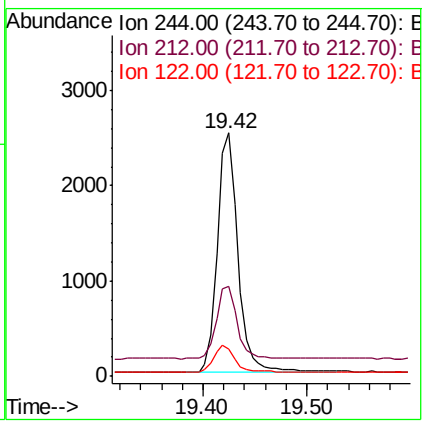


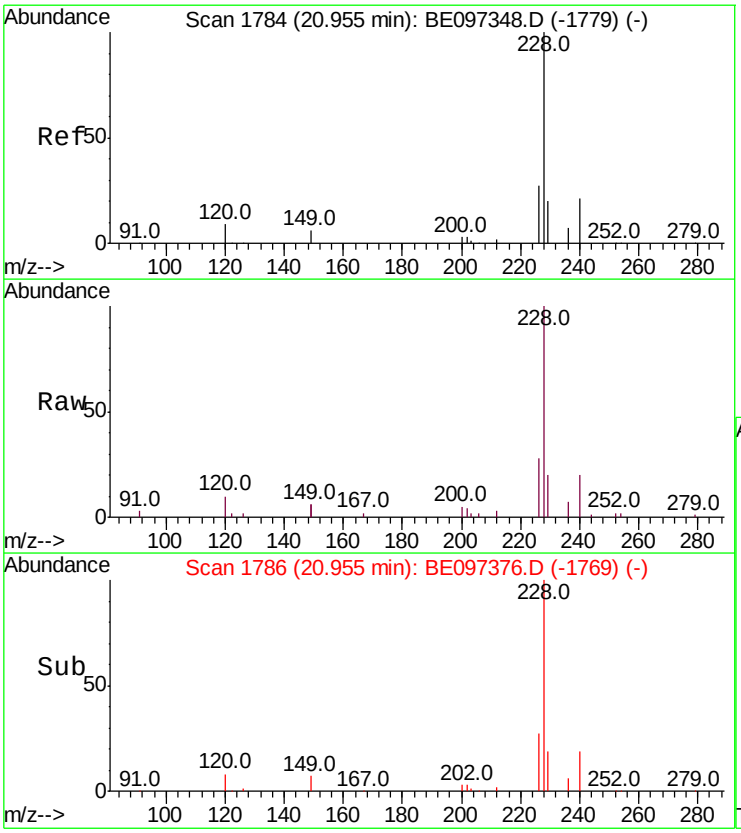
#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3449

Ion	Ratio	Lower	Upper
244	100		
212	37.0	25.4	38.0
122	11.0	8.1	12.1

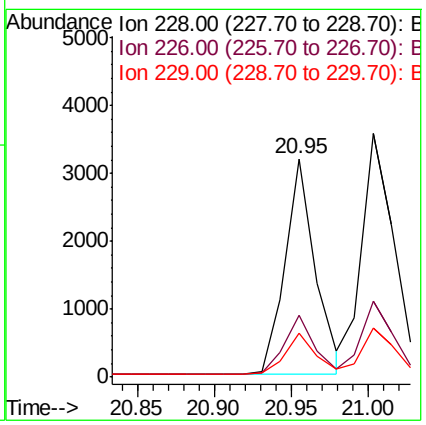


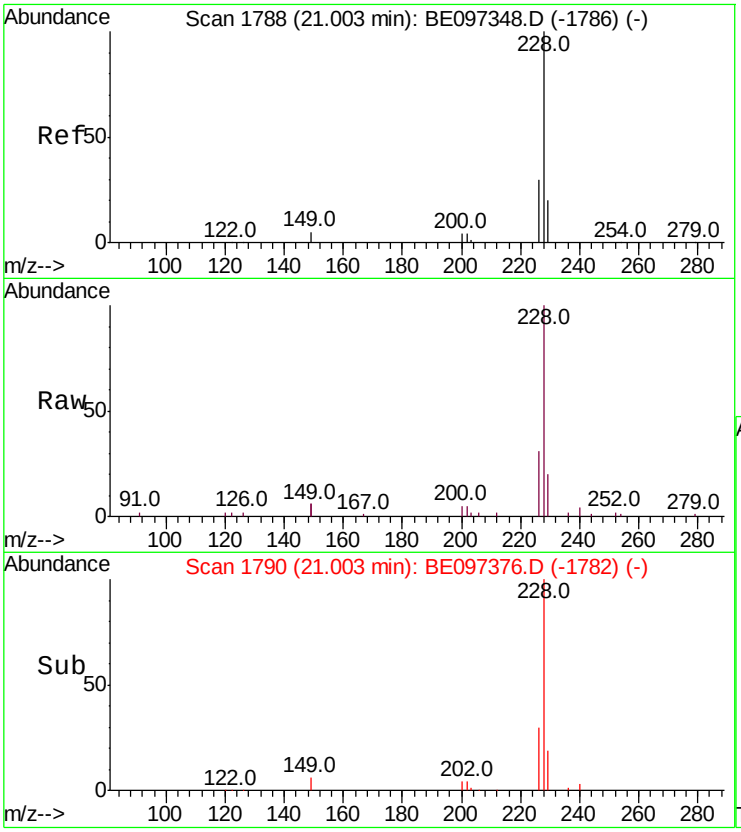


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:228 Resp: 4344

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	20.4	16.0	24.0



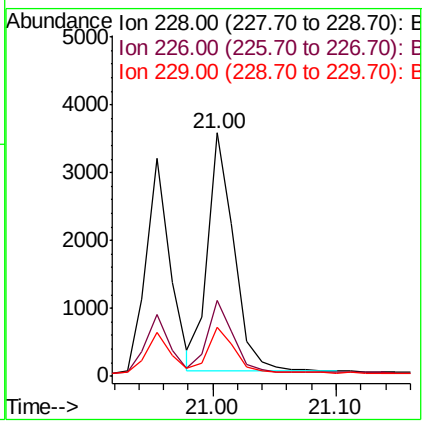


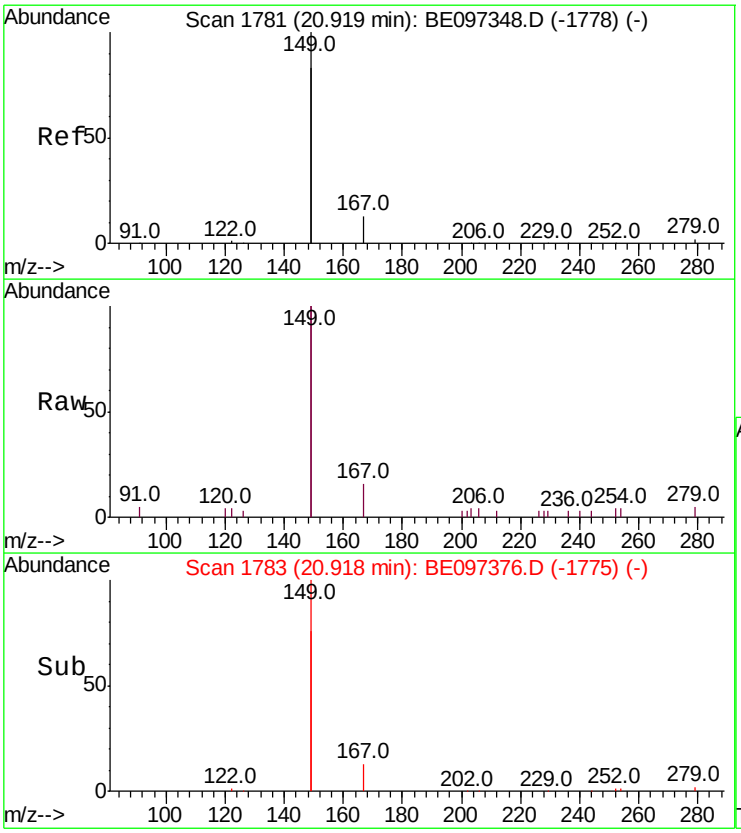
#31
Chrysene
Concen: 0.429 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5168

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	20.2	16.0	24.0

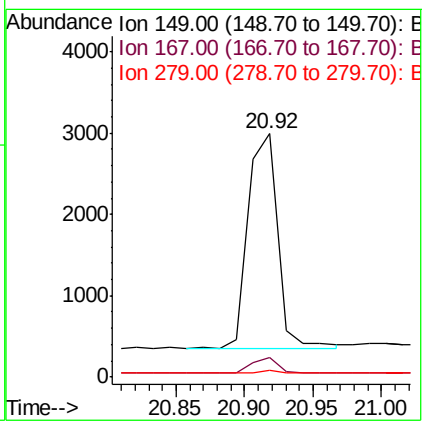


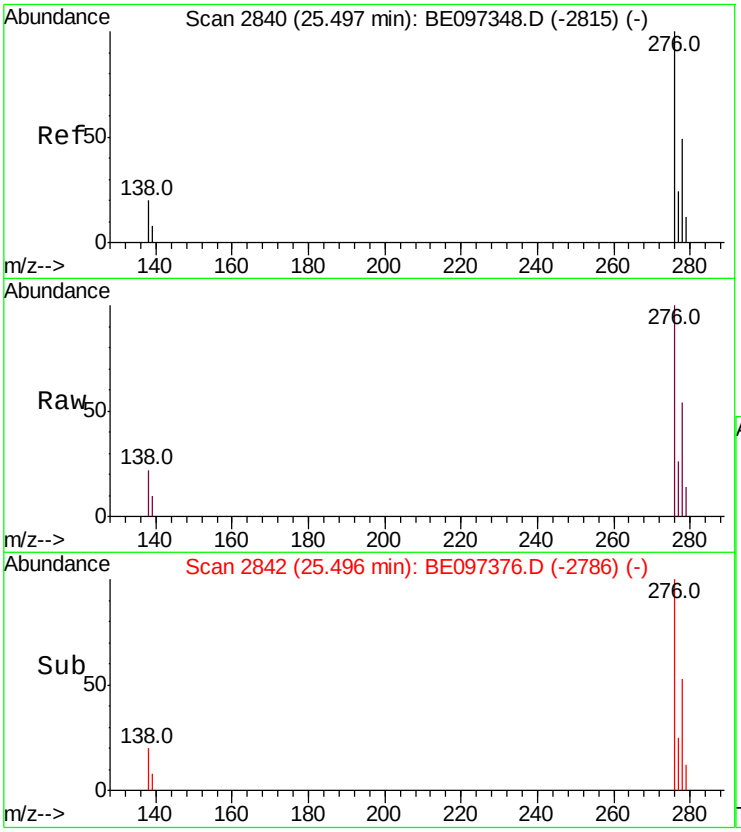


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.336 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:149 Resp: 3992

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



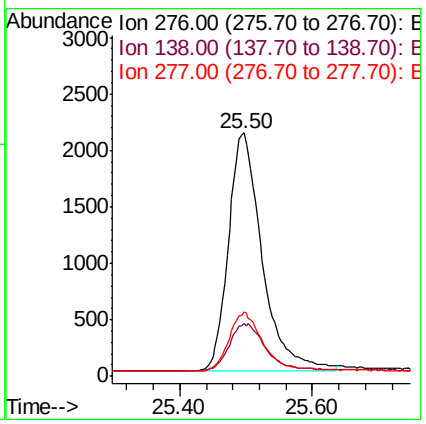


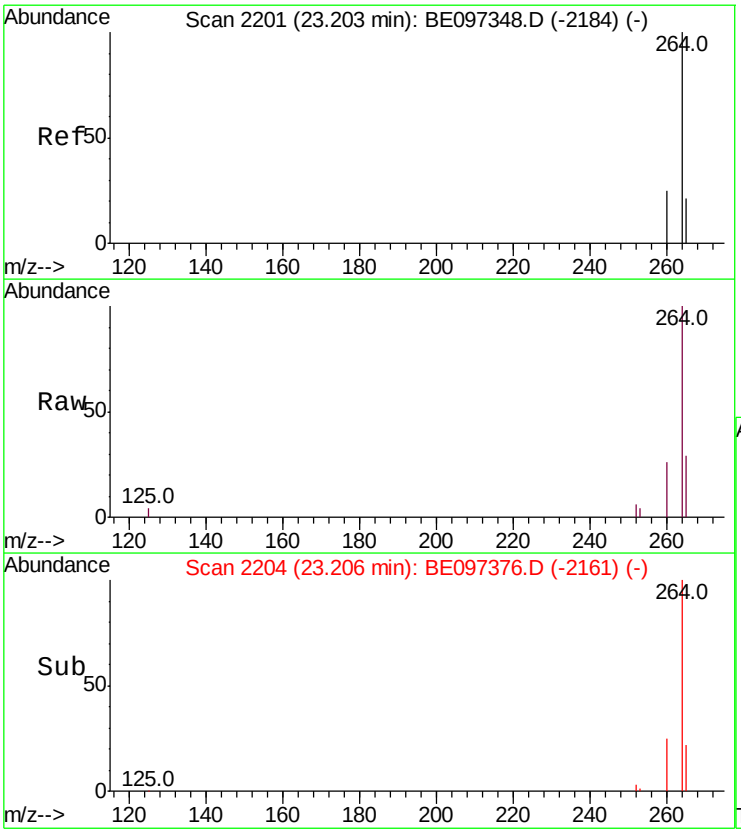
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.515 ng
RT: 25.50 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7467

Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.5	33.7#
277	25.2	19.9	29.9

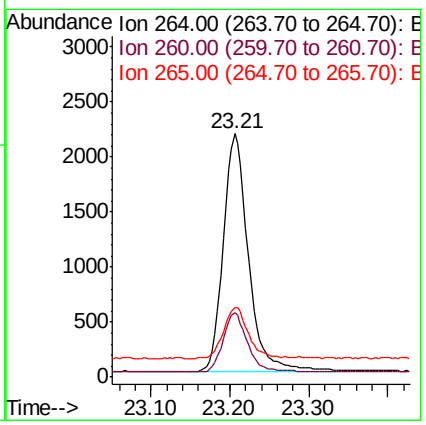


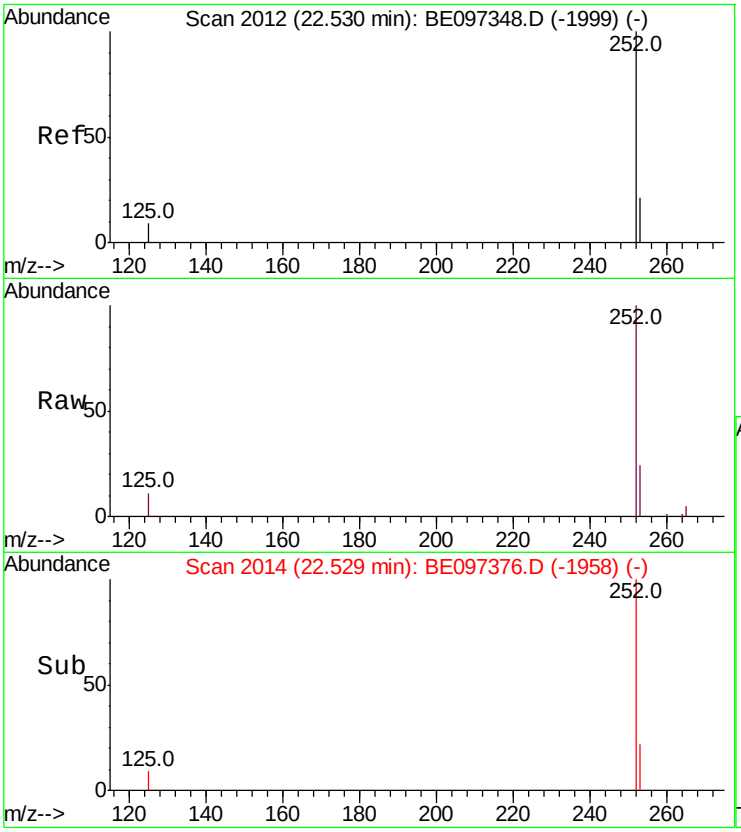


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:264 Resp: 4795

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	28.7	22.8	34.2



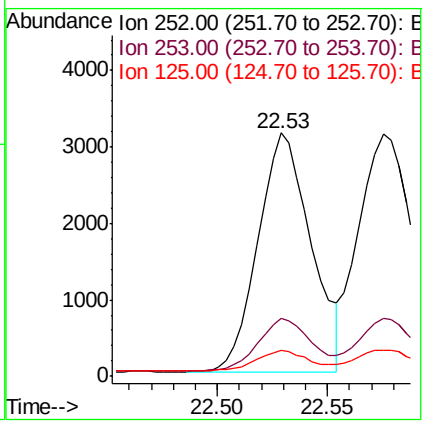


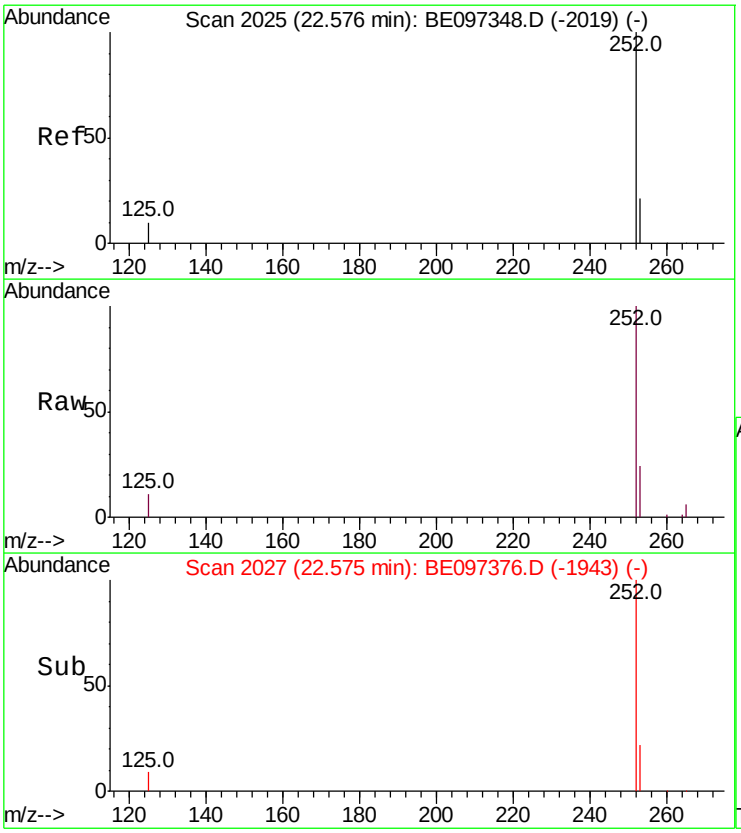
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5223

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.0	30.0
125	10.8	16.0	24.0#

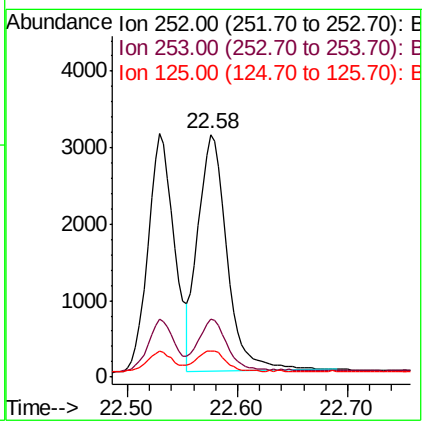


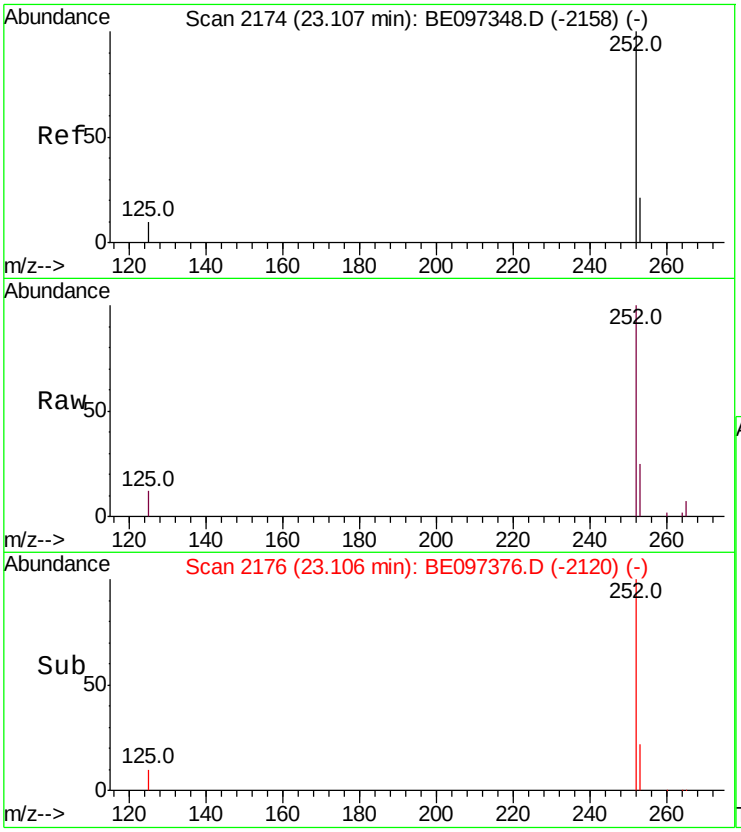


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:252 Resp: 5648

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	10.8	8.0	12.0



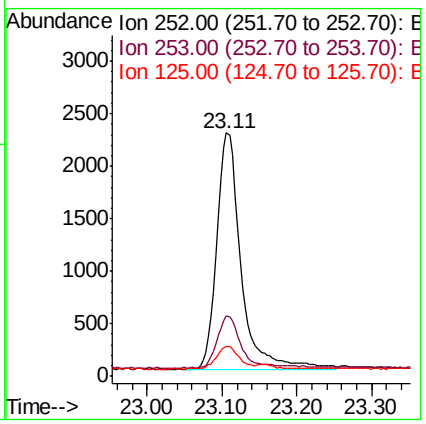


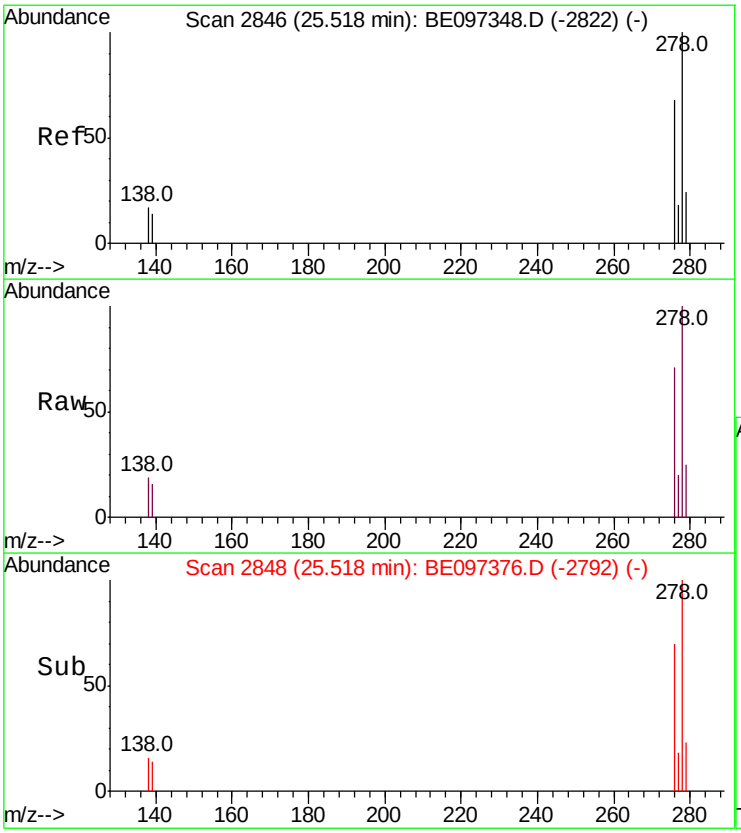
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5016

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0#
125	12.3	12.0	18.0

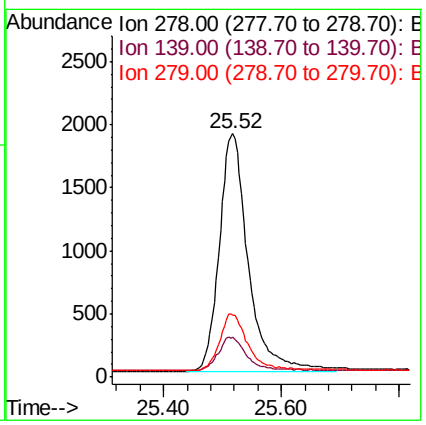


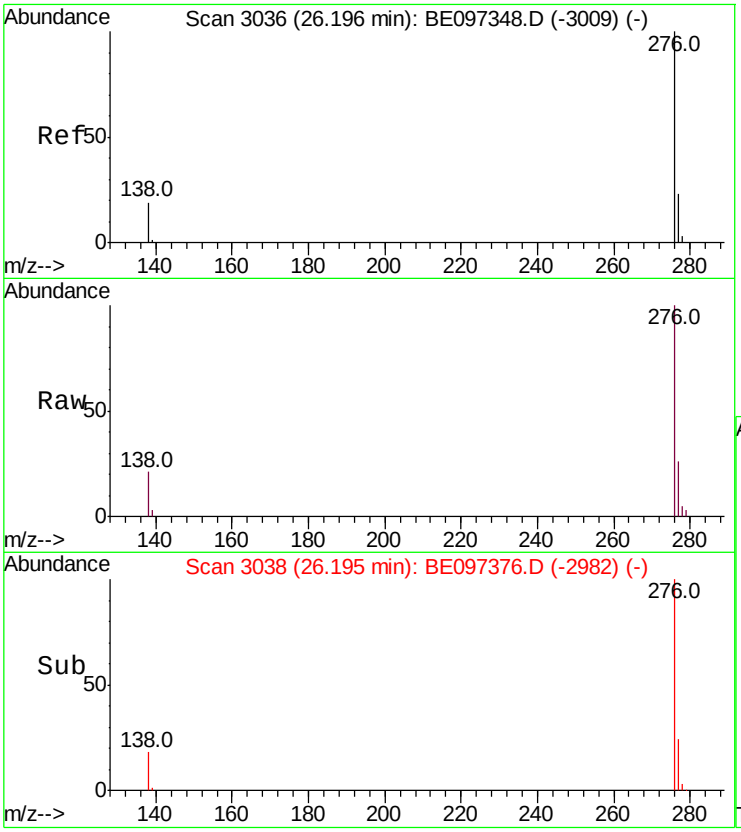


#38
Dibenzo(a,h)anthracene
Concen: 0.444 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Tgt Ion:278 Resp: 6422

Ion	Ratio	Lower	Upper
278	100		
139	16.4	16.0	24.0
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.453 ng
RT: 26.20 min Scan# 3038
Delta R.T. 0.00 min
Lab File: BE097376.D
Acq: 28 Aug 2018 12:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6683

Ion	Ratio	Lower	Upper
276	100		
277	26.2	16.0	24.0#
138	20.5	20.0	30.0