Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097357.D
Acq On : 23 Aug 2018 14:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 23 15:40:59 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	826	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3668	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1942	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	5423	0.40	ng		0.00
27) Chrysene-d12	20.97	240	6751	0.40	ng		0.00
34) Perylene-d12	23.21	264	6560	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	870	0.36	ng		-0.01
5) Phenol-d6	6.58	99	1158	0.35	ng		-0.01
8) Nitrobenzene-d5	8.52	82	1066	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2093	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	238	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3095	0.43	ng		0.00
25) Fluoranthene-d10	18.80	212	24584	0.40	ng		0.00
29) Terphenyl-d14	19.42	244	5010	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	646	0.440	ng	#	83
3) n-Nitrosodimethylamine	3.37	42	534	0.389	ng	#	97
6) bis(2-Chloroethyl)ether	6.82	93	1146	0.381	ng		96
9) Naphthalene	10.19	128	13920	0.417	ng		100
10) Hexachlorobutadiene	10.47	225	631	0.423	ng		97
12) 2-Methylnaphthalene	11.80	142	2171	0.412	ng		98
16) Acenaphthylene	13.73	152	3141	0.407	ng		100
17) Acenaphthene	14.07	154	2188	0.425	ng		96
18) Fluorene	15.06	166	2745	0.421	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1046	0.424	ng	#	78
21) Hexachlorobenzene	16.08	284	1157	0.424	ng	#	81
22) Pentachlorophenol	16.44	266	223	0.413	ng		86
23) Phenanthrene	16.80	178	5462	0.423	ng		99
24) Anthracene	16.89	178	4508	0.410	ng		96
26) Fluoranthene	18.84	202	6461	0.399	ng		99
28) Pyrene	19.20	202	6552	0.408	ng		100
30) Benzo(a)anthracene	20.96	228	6630	0.388	ng		97
31) Chrysene	21.00	228	7684	0.418	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7395	0.389	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	8278	0.350	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	6563	0.375	ng	#	89
36) Benzo(k)fluoranthene	22.53	252	6563	0.340	ng		95
37) Benzo(a)pyrene	23.11	252	6109	0.361	ng		93
38) Dibenzo(a,h)anthracene	25.52	278	7292	0.362	ng		99
39) Benzo(g,h,i)perylene	26.20	276	7082	0.338	ng	#	89

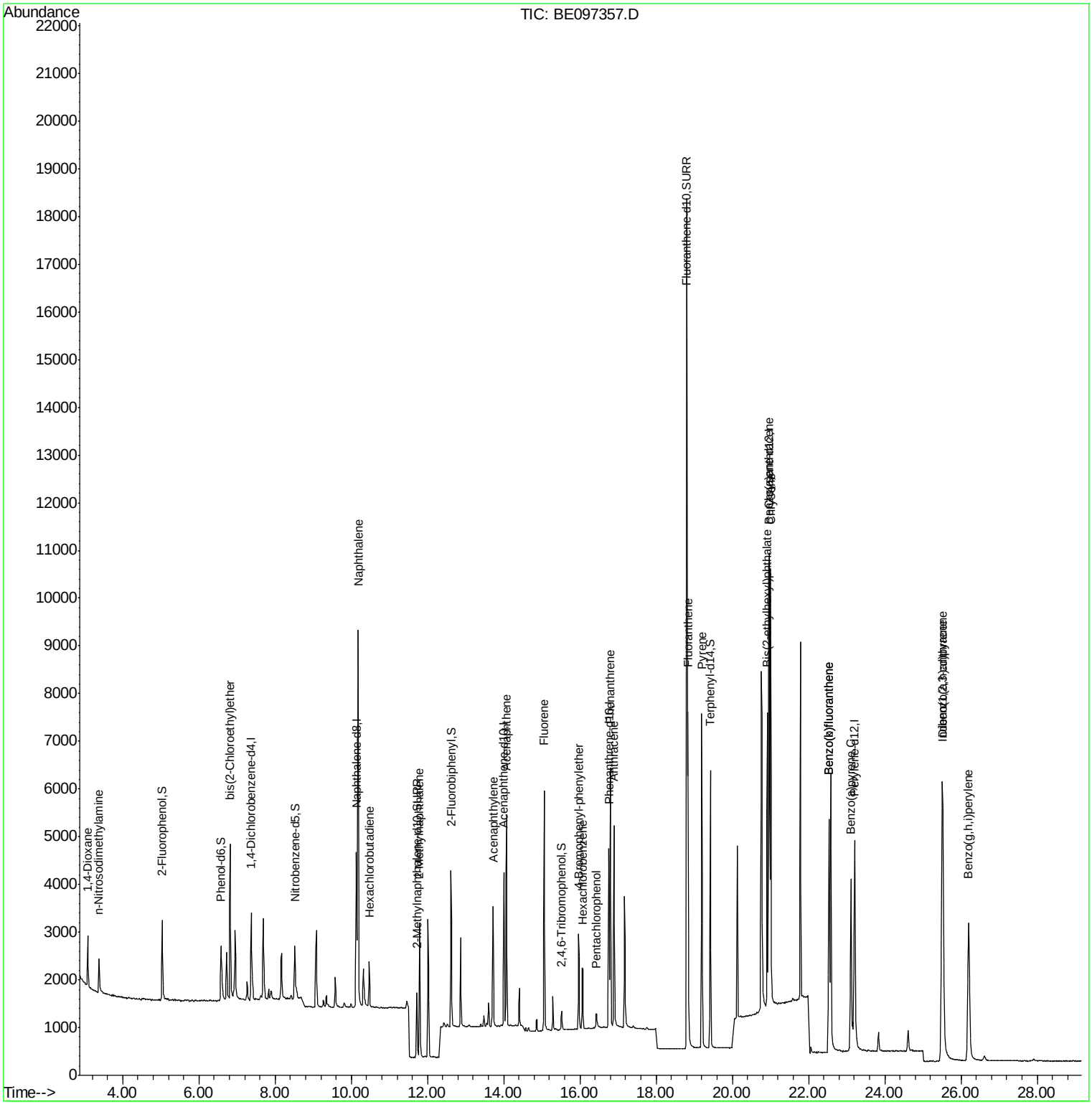
(#) = qualifier out of range (m) = manual integration (+) = signals summed

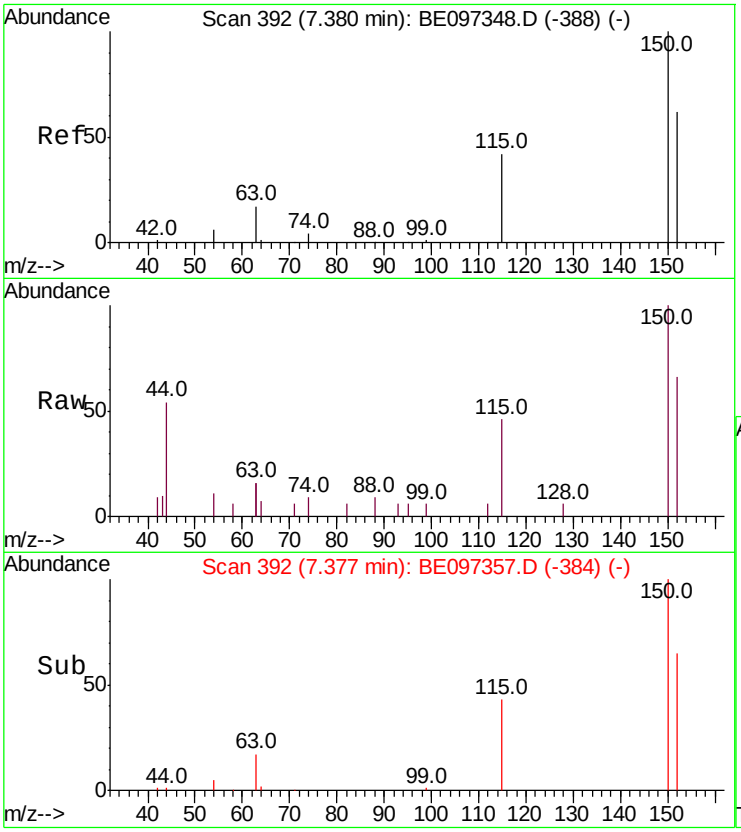
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097357.D
Acq On : 23 Aug 2018 14:25
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 23 15:40:59 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



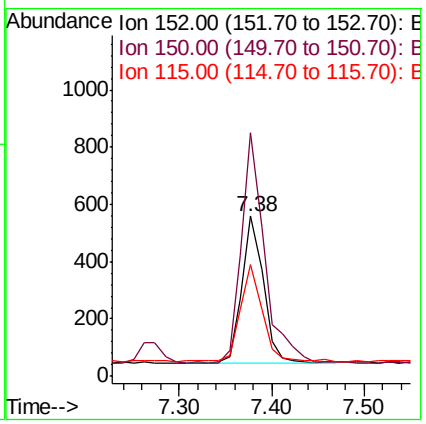


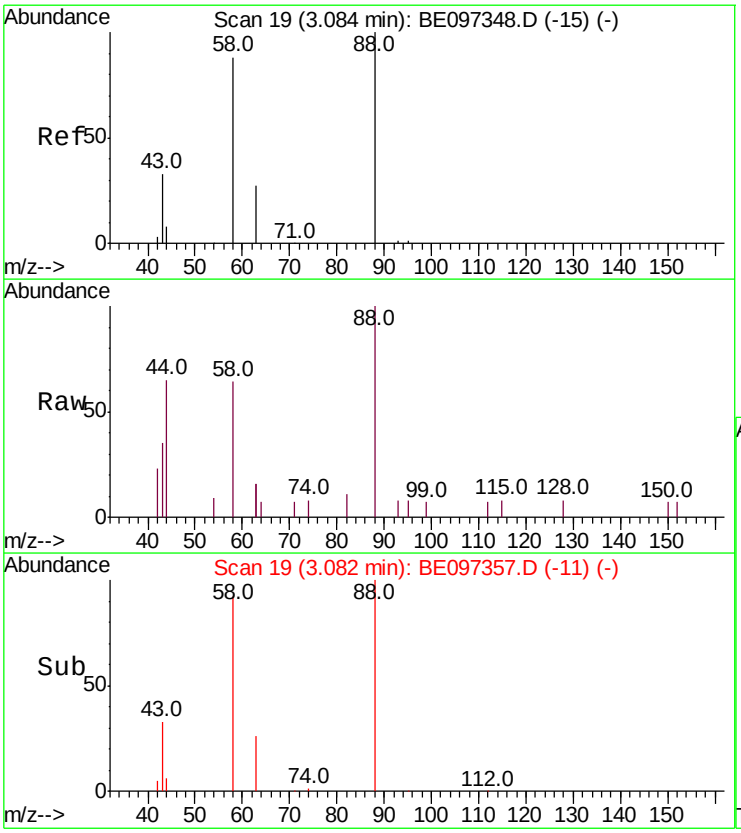
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 826

Ion	Ratio	Lower	Upper
152	100		
150	152.1	117.2	175.8
115	69.6	57.0	85.6

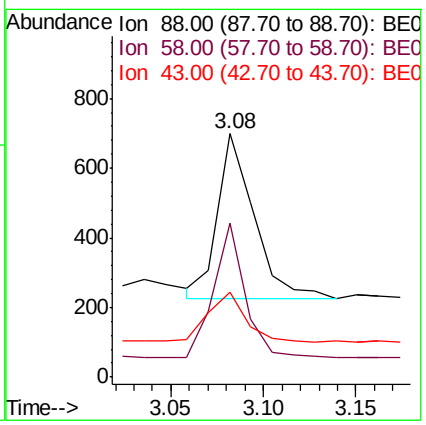


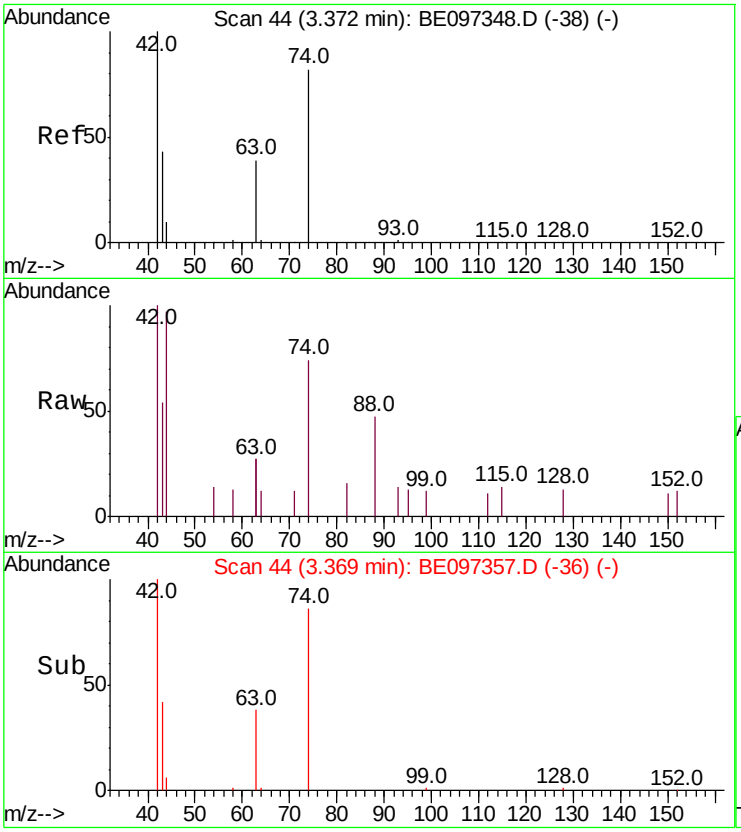


#2
1,4-Dioxane
Concen: 0.440 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion: 88 Resp: 646

Ion	Ratio	Lower	Upper
88	100		
58	71.5	63.2	94.8
43	30.8	41.2	61.8#

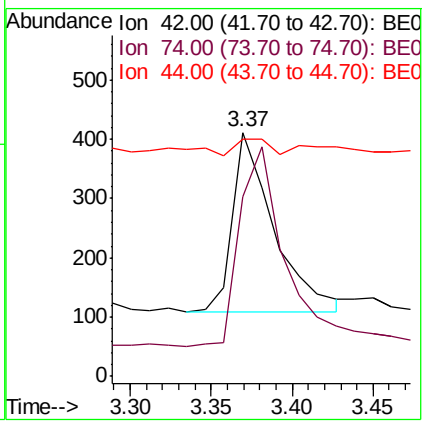




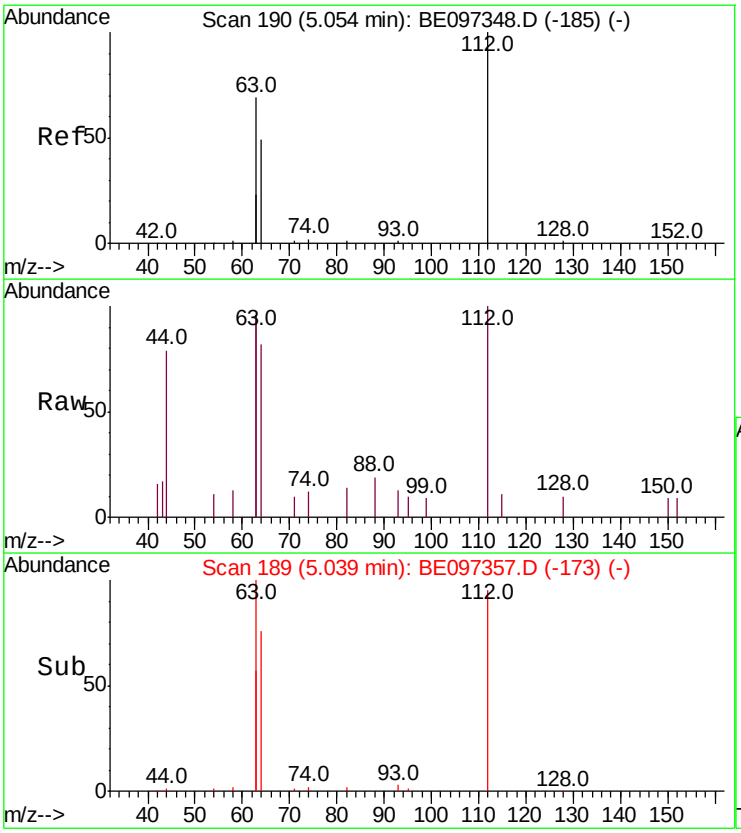
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion: 42 Resp: 534

Ion	Ratio	Lower	Upper
42	100		
74	120.8	96.0	144.0
44	7.7	12.0	18.0#



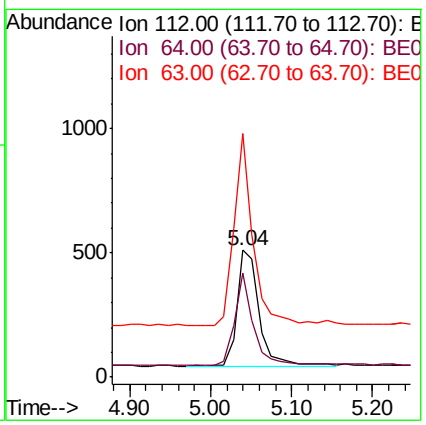
Instrument :
BNA_E
ClientSampleId :

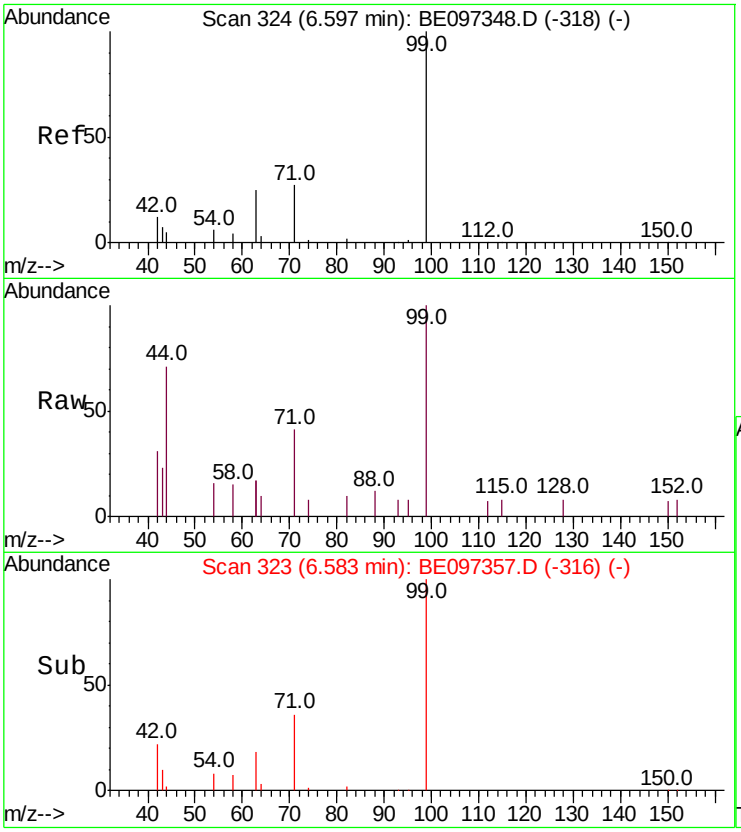


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:112 Resp: 870

Ion	Ratio	Lower	Upper
112	100		
64	69.3	60.1	90.1
63	143.8	116.8	175.2



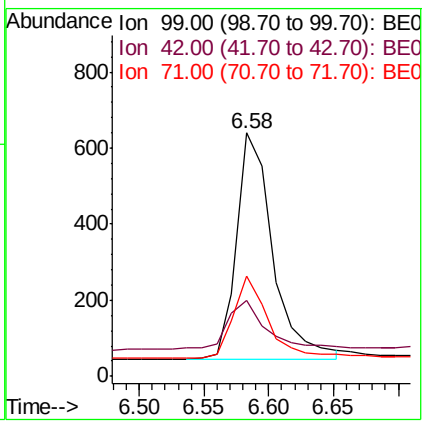


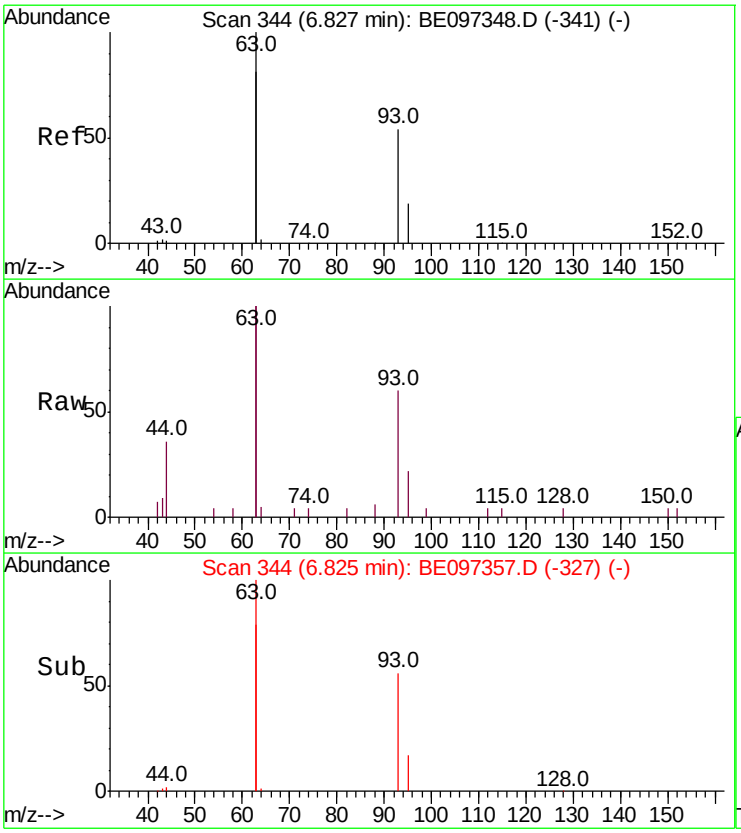
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1158

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	34.3	28.4	42.6

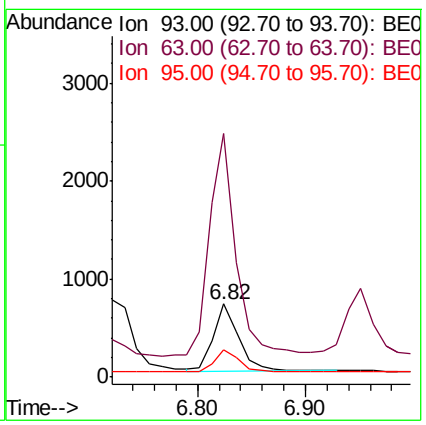


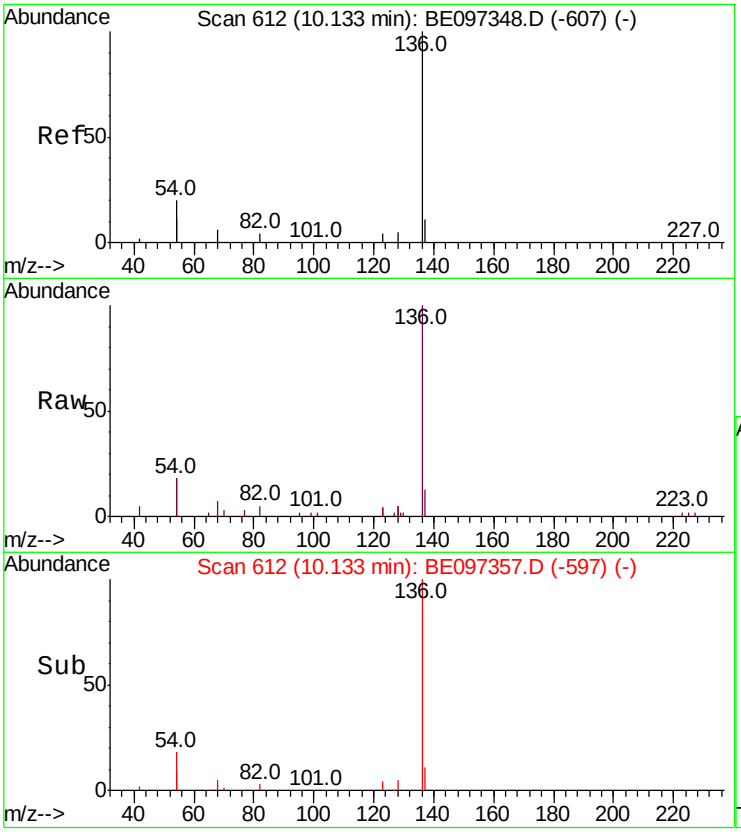


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion: 93 Resp: 1146

Ion	Ratio	Lower	Upper
93	100		
63	335.6	275.3	412.9
95	32.1	25.2	37.8



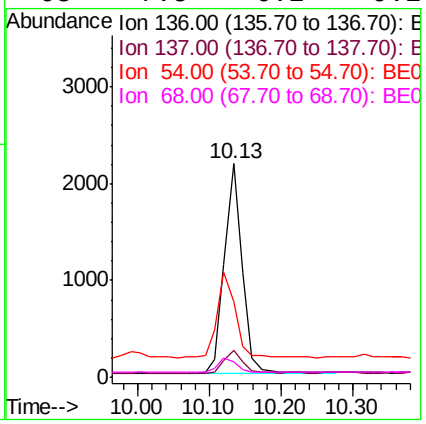


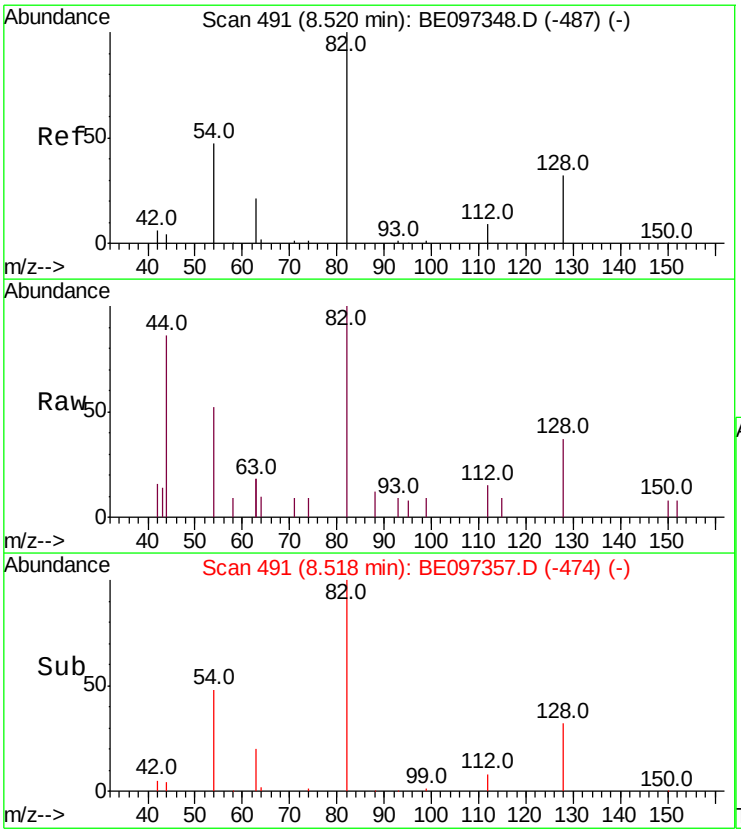
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3668

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	35.5	29.1	43.7
68	7.5	6.2	9.2

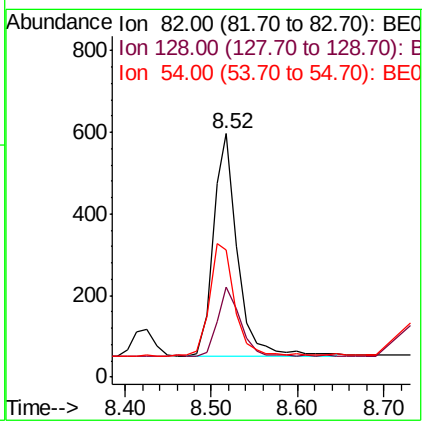


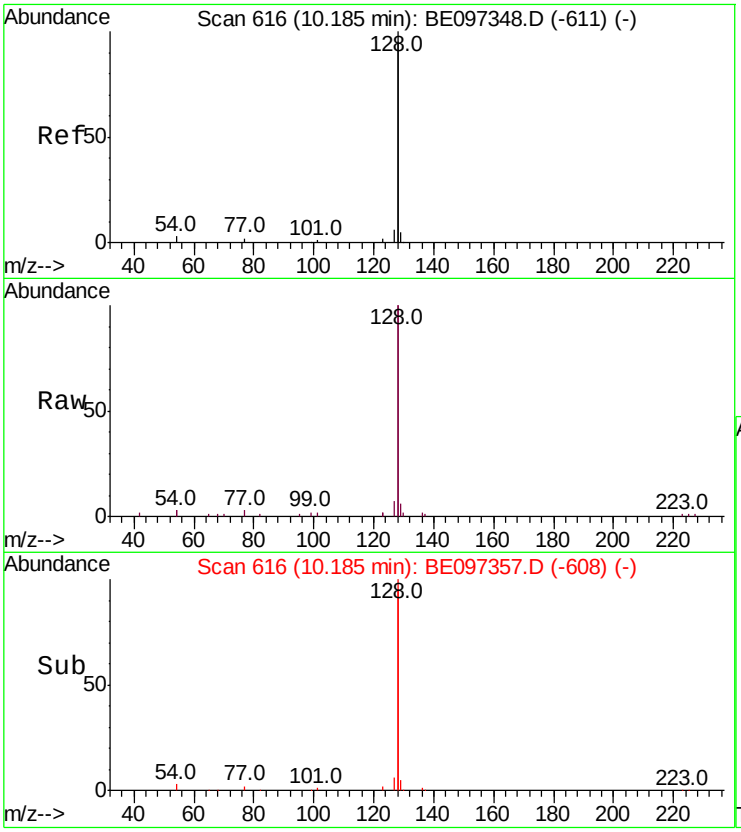


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion: 82 Resp: 1066

Ion	Ratio	Lower	Upper
82	100		
128	37.2	24.0	36.0#
54	52.3	40.0	60.0



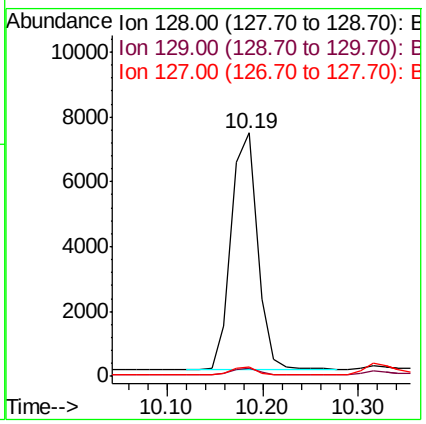


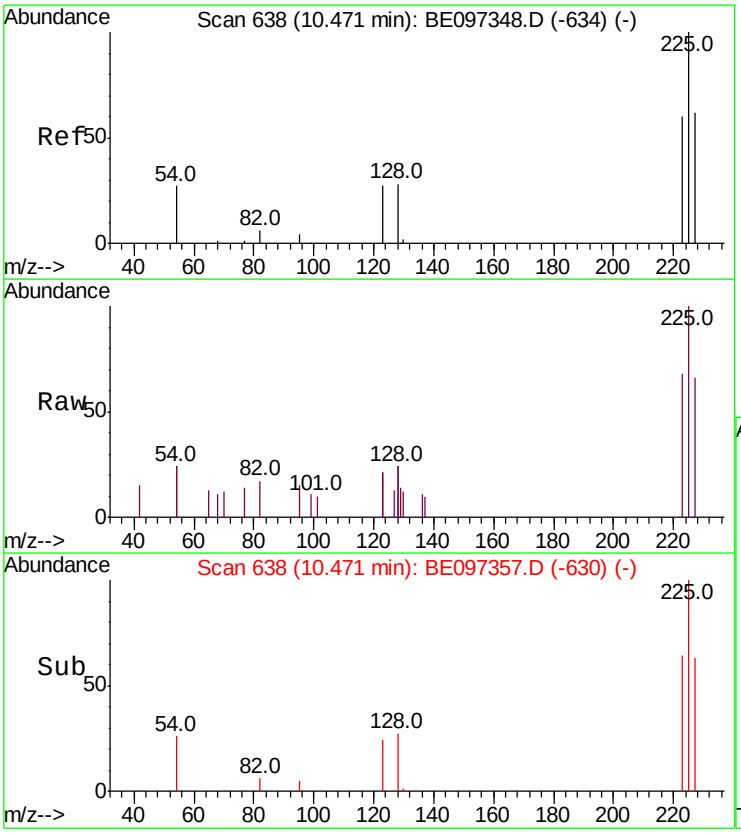
#9
Naphthalene
Concen: 0.417 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13920

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

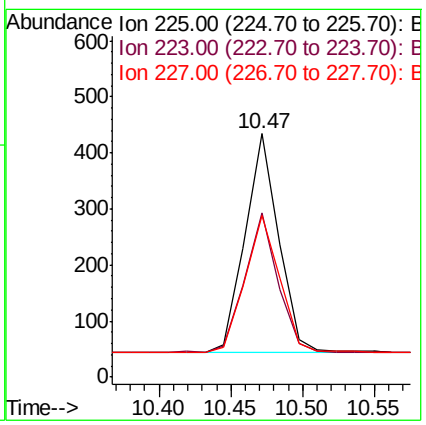


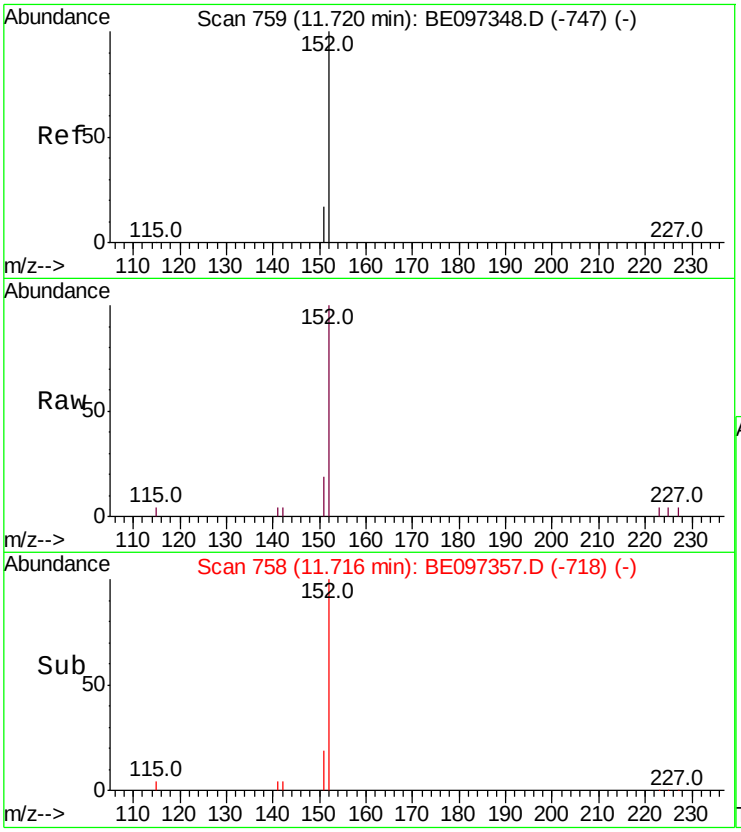


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:225 Resp: 631

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	64.8	51.4	77.2



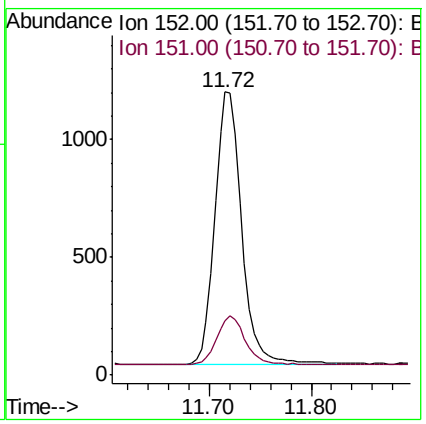


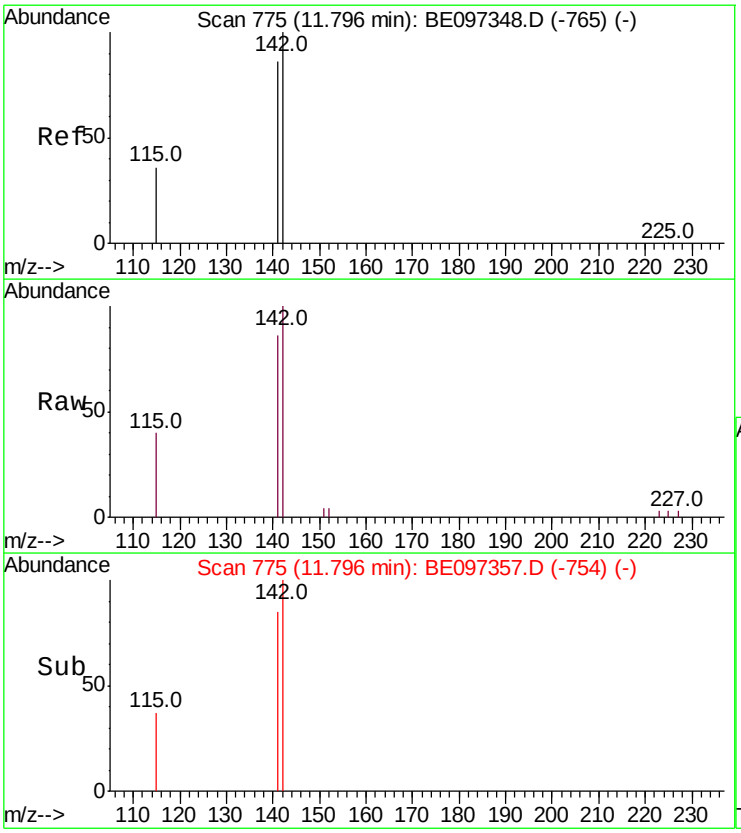
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2093

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

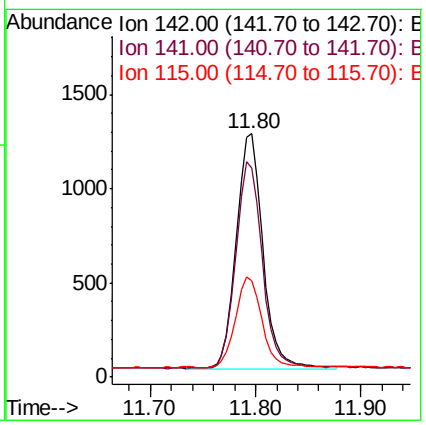


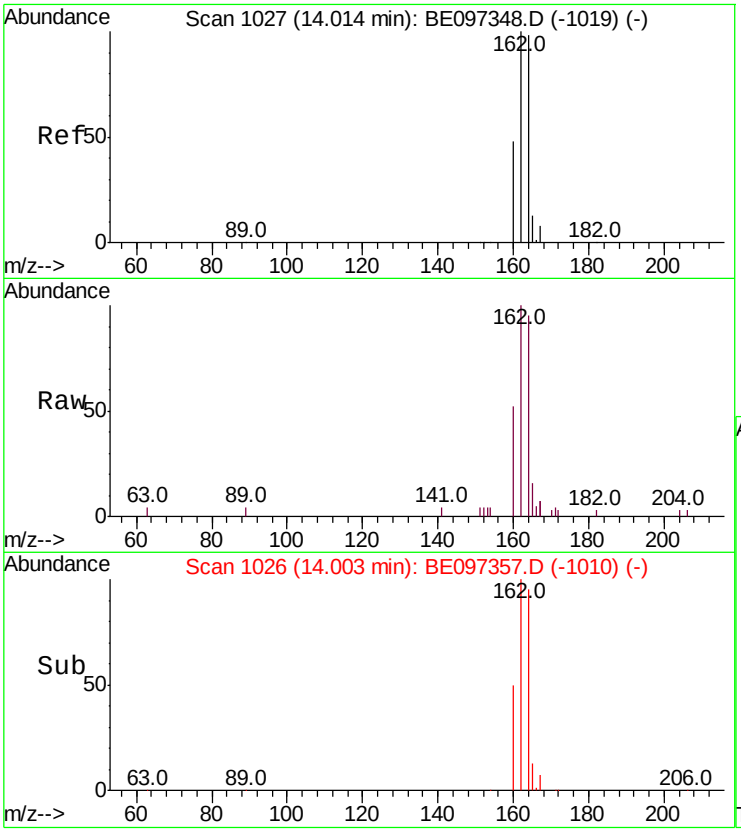


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:142 Resp: 2171

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.4	105.6
115	39.8	31.7	47.5



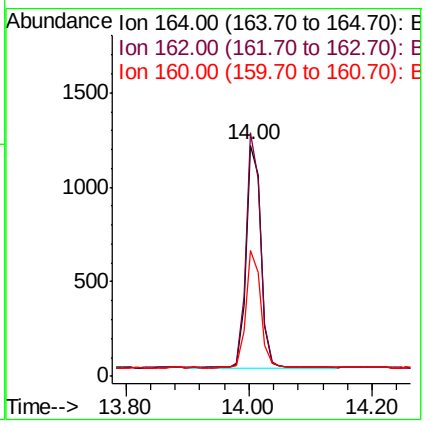


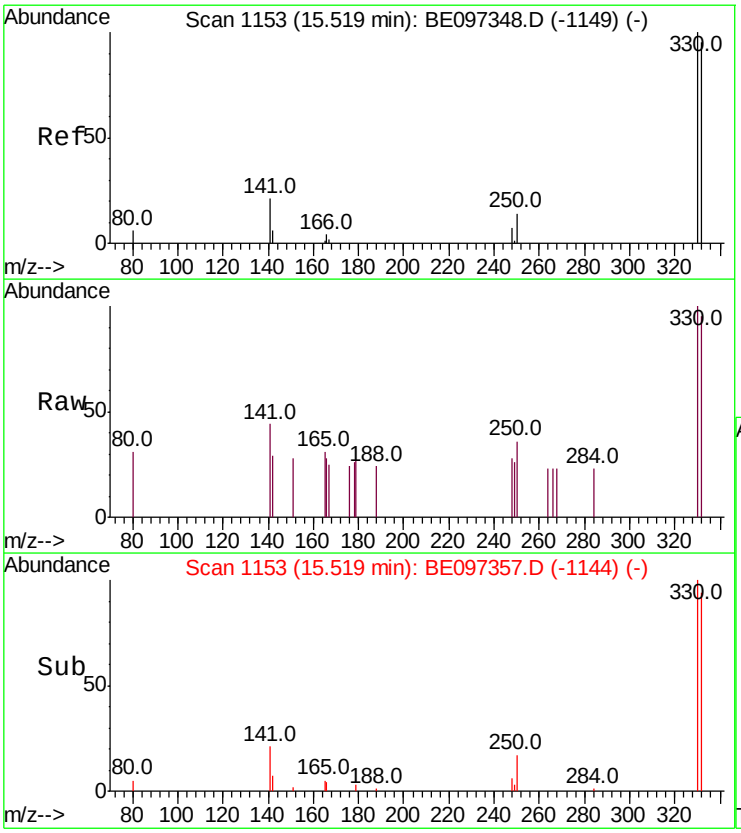
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1942

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	54.3	37.1	55.7

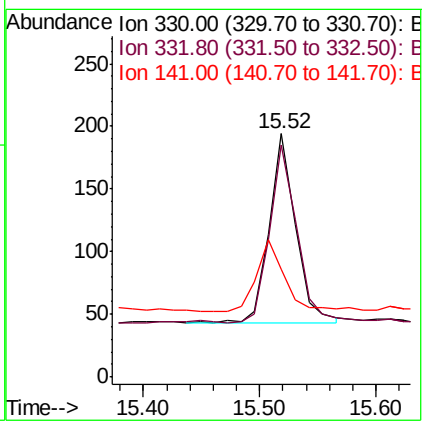


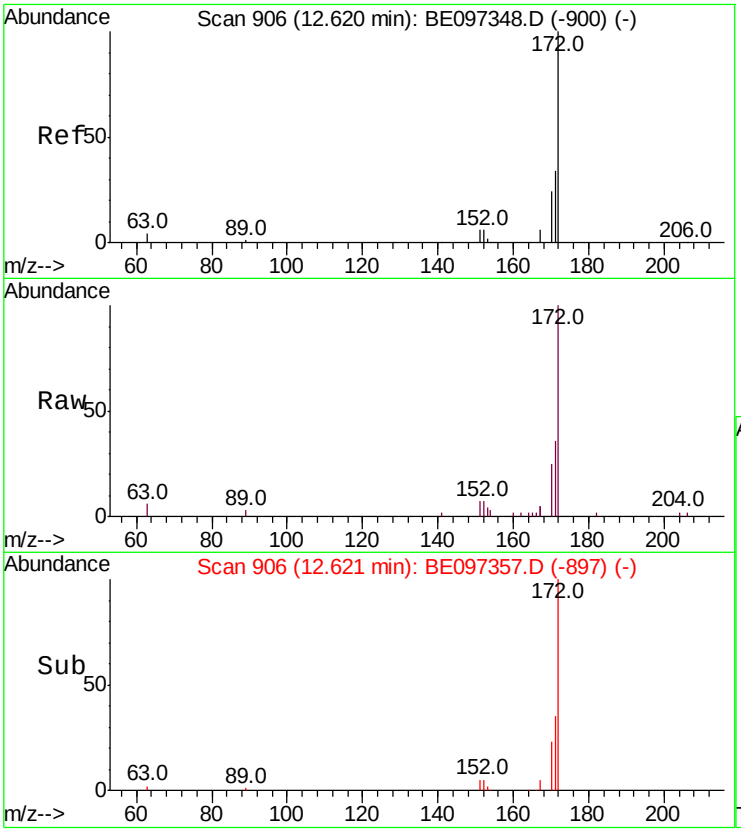


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:330 Resp: 238

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	40.3	33.7	50.5



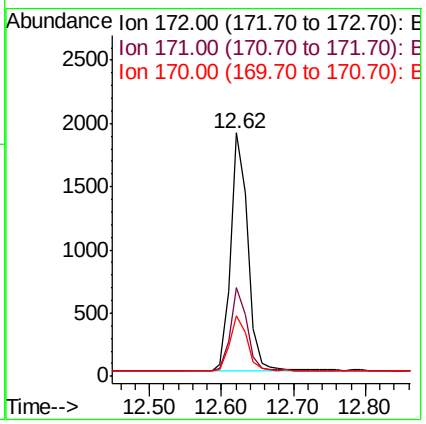


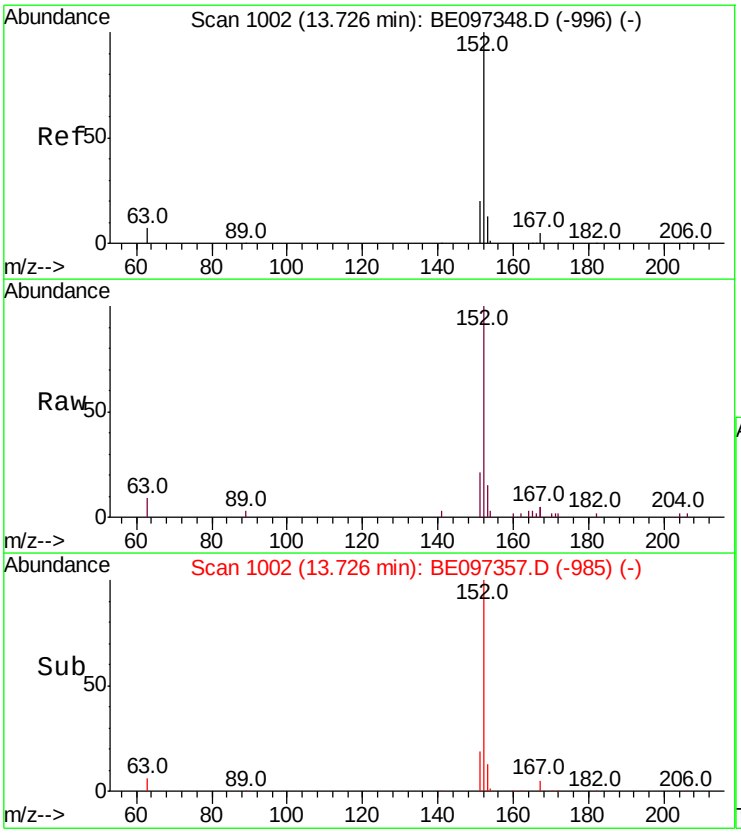
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3095

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	24.8	21.8	32.8

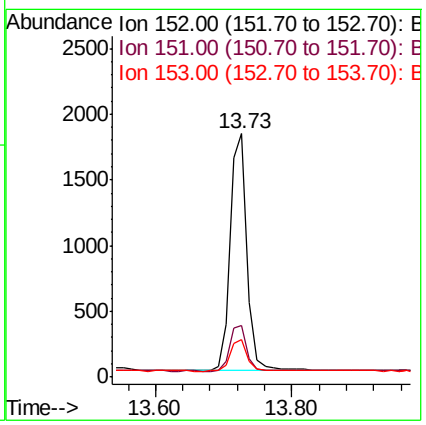


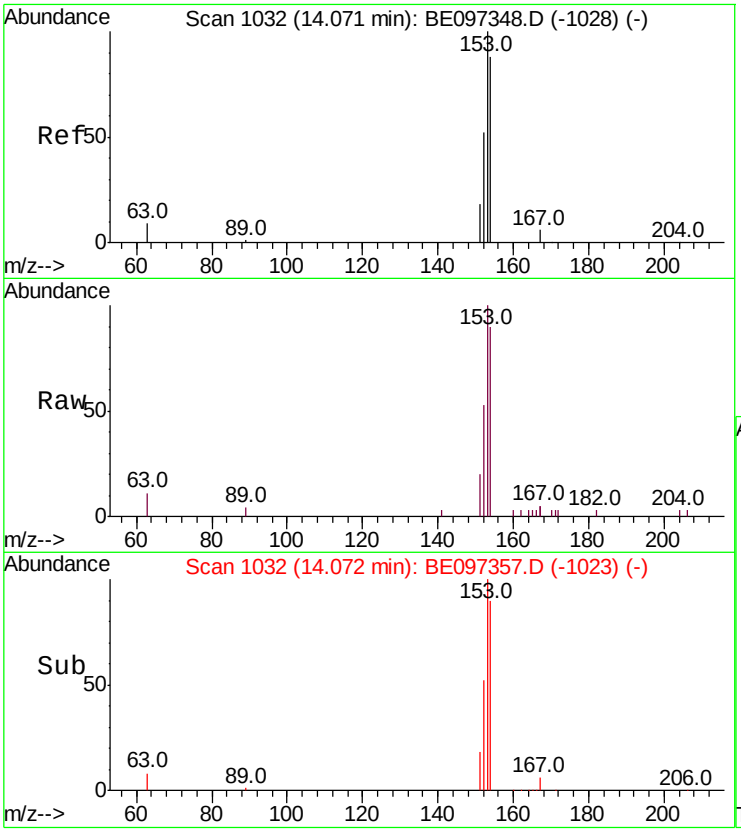


#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.73 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:152 Resp: 3141

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.5	15.7



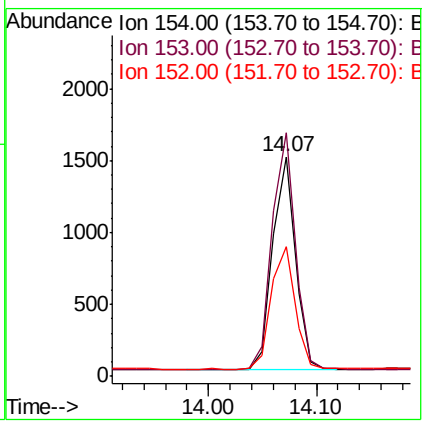


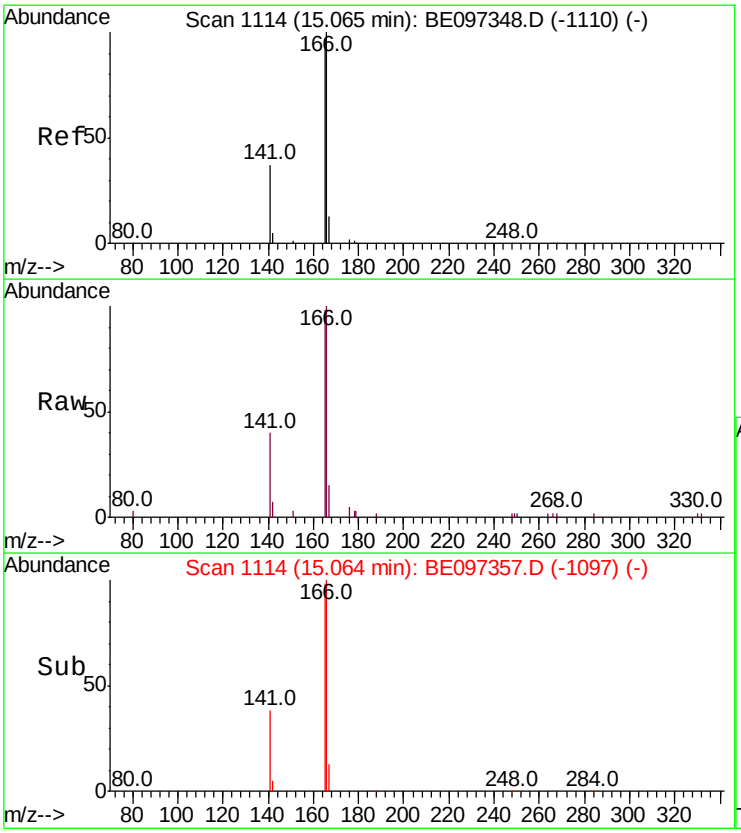
#17
Acenaphthene
Concen: 0.425 ng
RT: 14.07 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2188

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.2	133.8
152	60.6	42.0	63.0

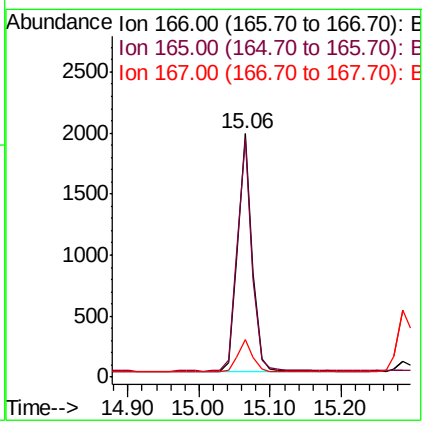


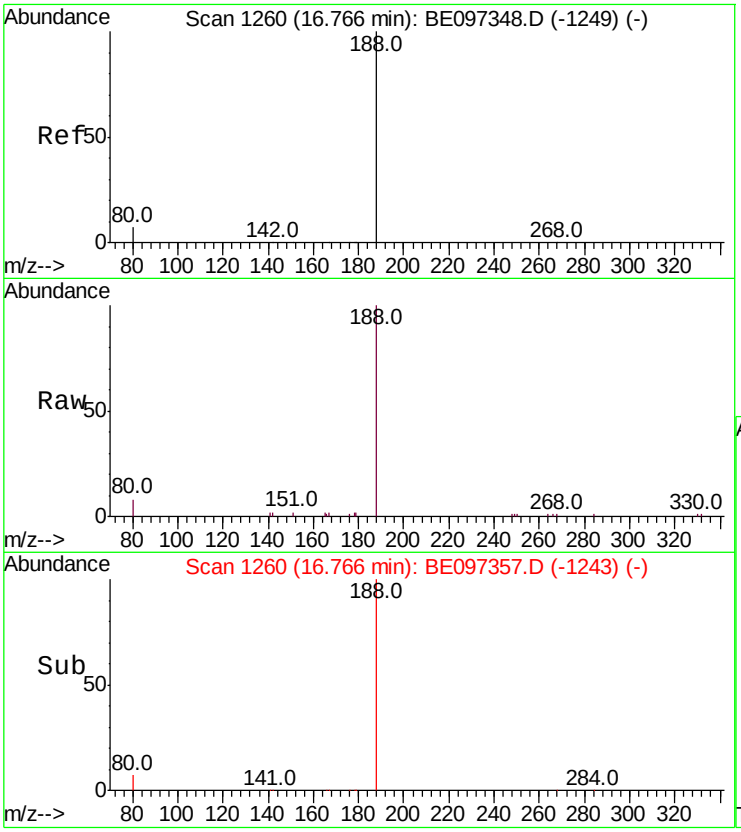


#18
Fluorene
Concen: 0.421 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:166 Resp: 2745

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	13.7	42.4	63.6#



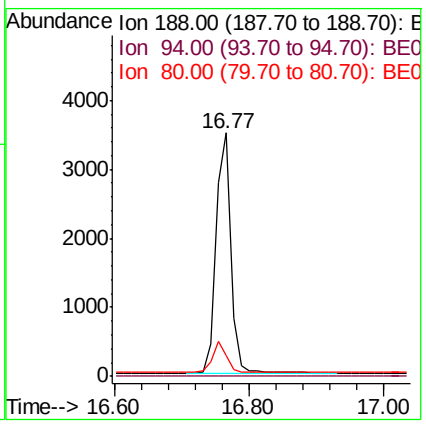


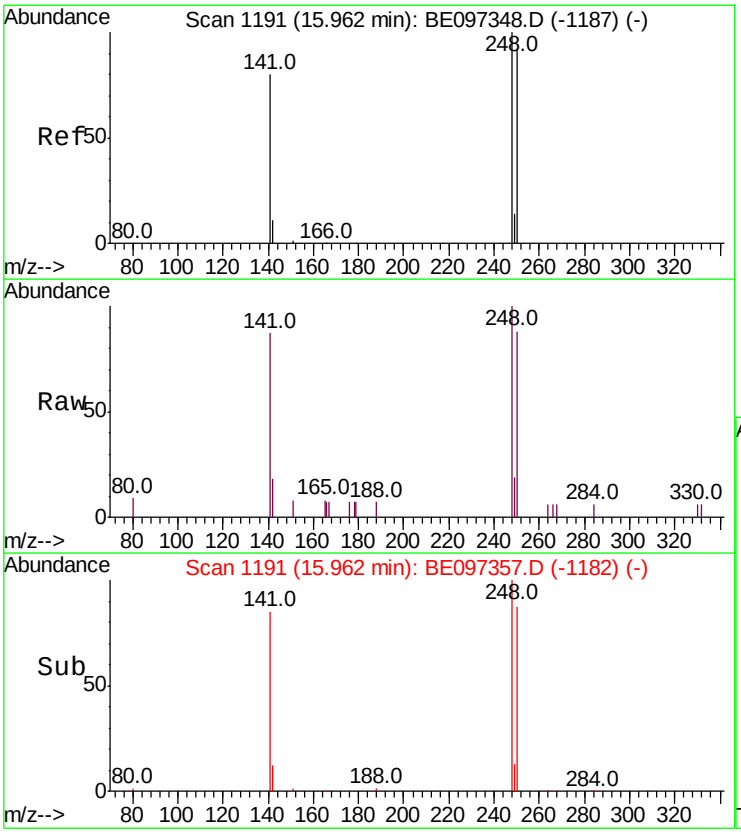
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5423

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

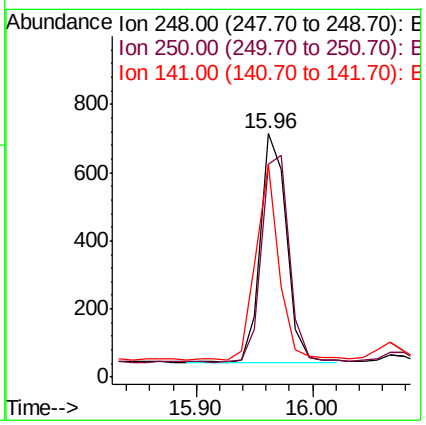


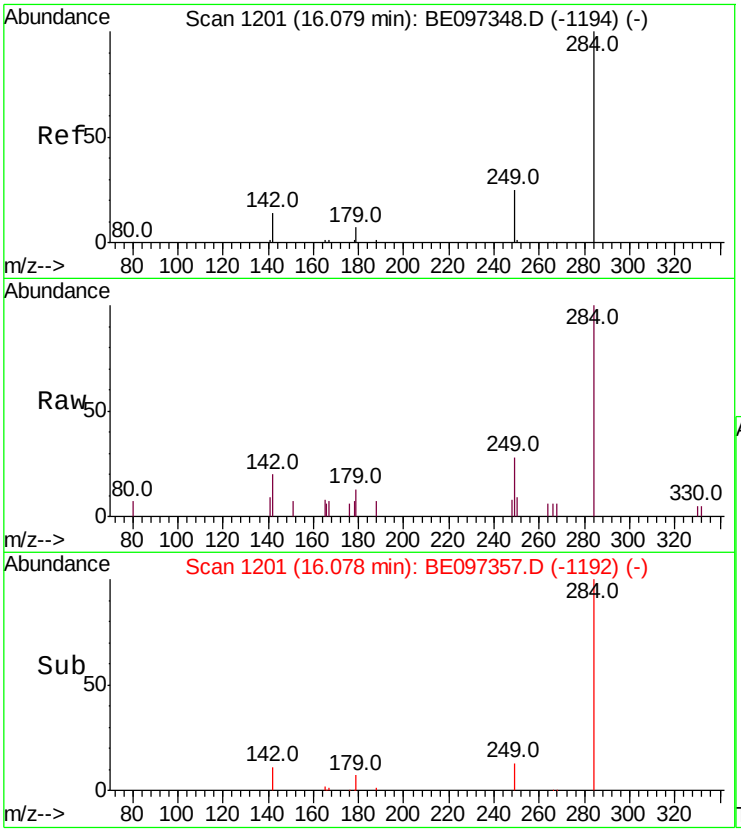


#20
4-Bromophenyl-phenylether
Concen: 0.424 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:248 Resp: 1046

Ion	Ratio	Lower	Upper
248	100		
250	87.7	62.7	94.1
141	87.3	48.2	72.2#



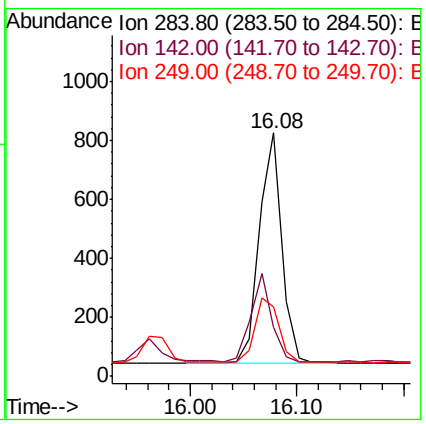


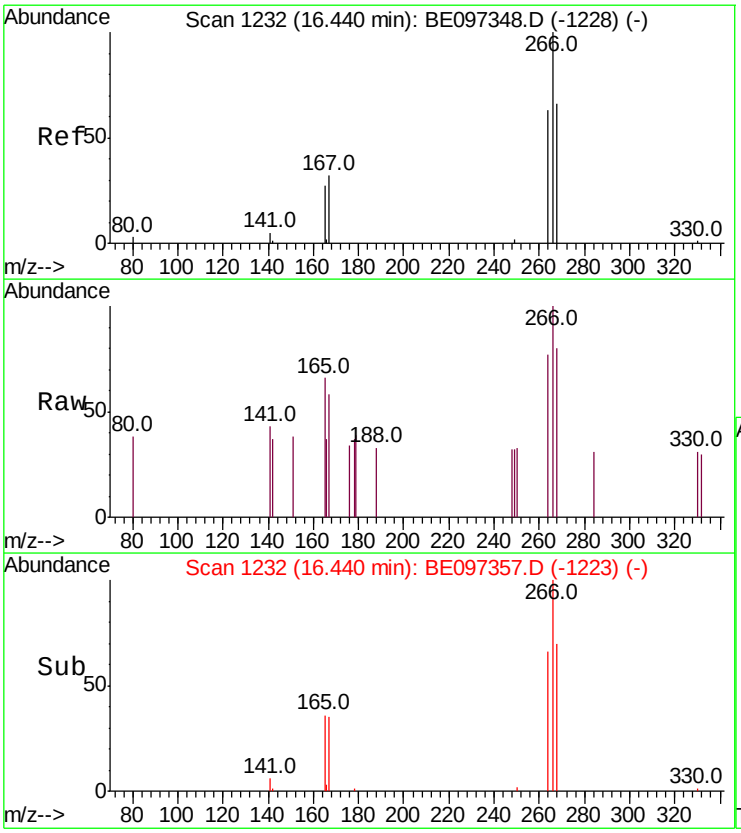
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1157

Ion	Ratio	Lower	Upper
284	100		
142	35.5	22.1	33.1#
249	29.6	34.8	52.2#

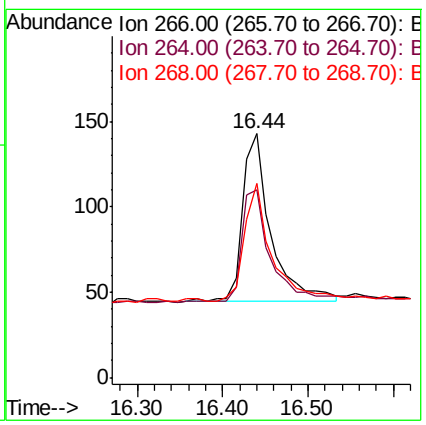


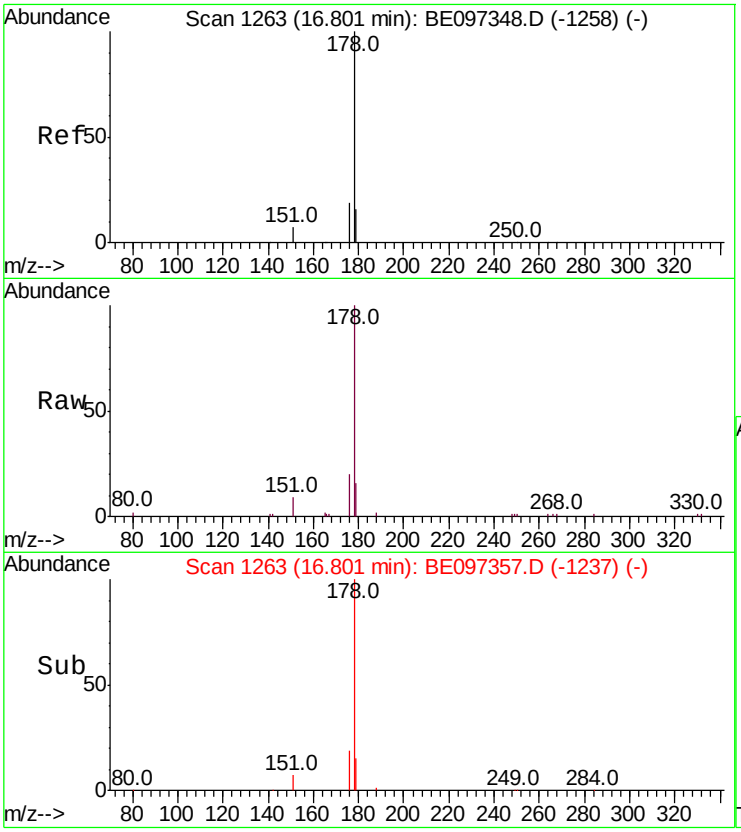


#22
Pentachlorophenol
Concen: 0.413 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:266 Resp: 223

Ion	Ratio	Lower	Upper
266	100		
264	76.9	72.5	108.7
268	79.7	73.8	110.6



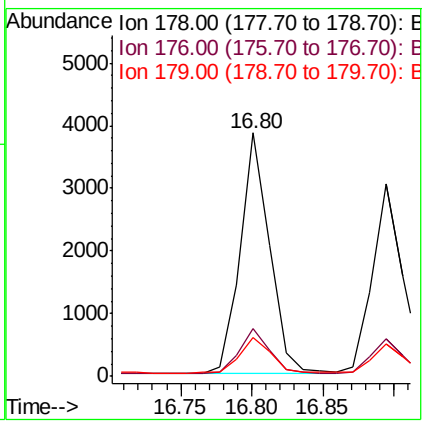


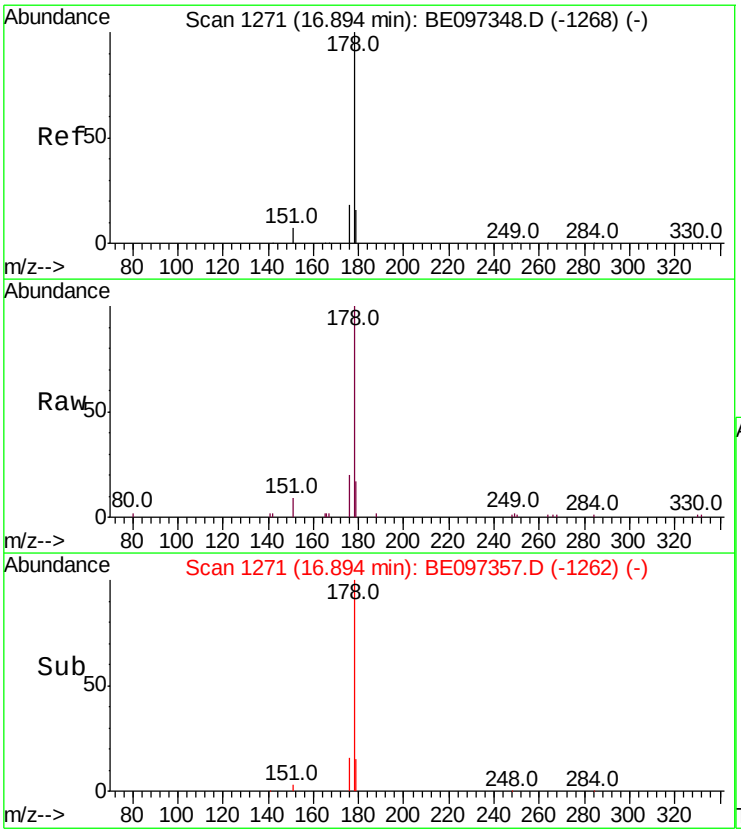
#23
Phenanthrene
Concen: 0.423 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5462

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	11.8	17.6

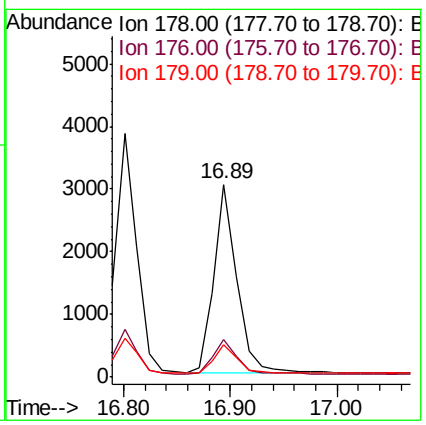


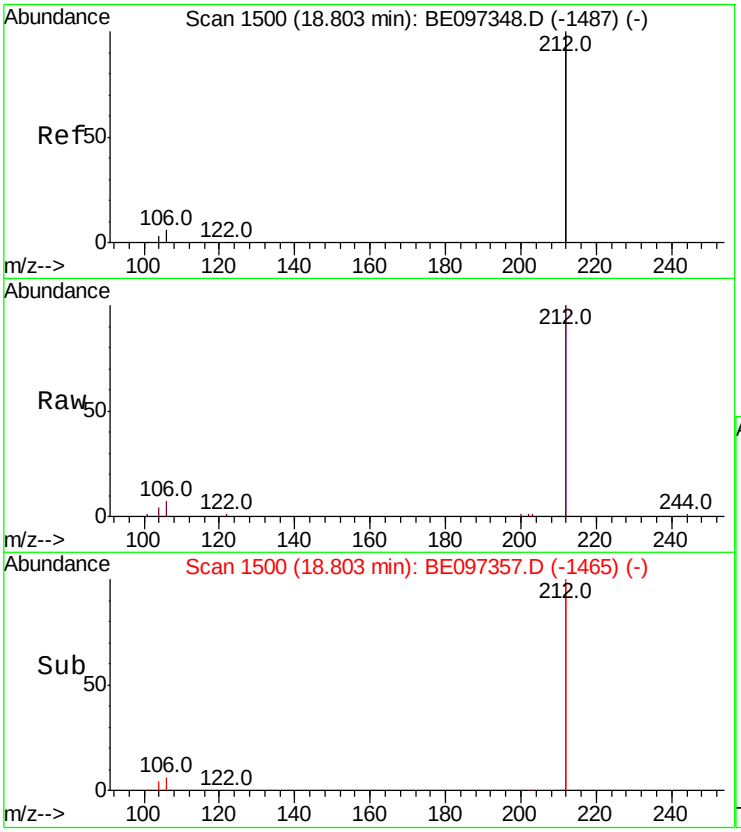


#24
Anthracene
Concen: 0.410 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:178 Resp: 4508

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.8	13.0	19.6



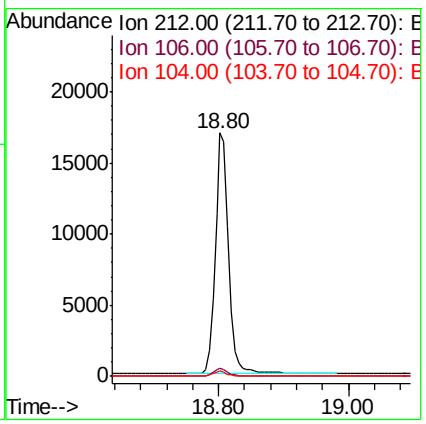


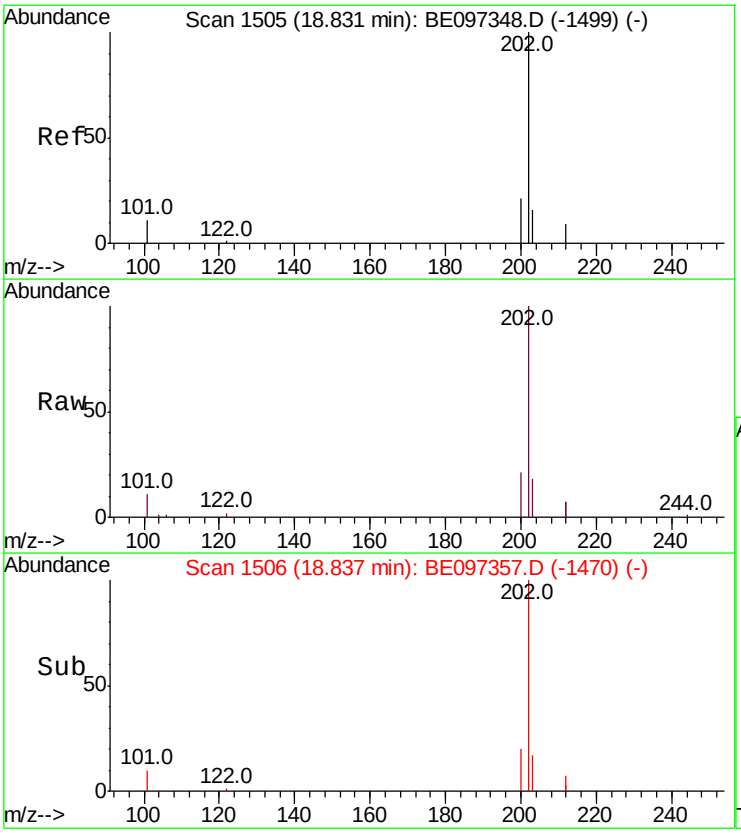
#25
Fluoranthene-d10
Concen: 0.395 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 24584

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

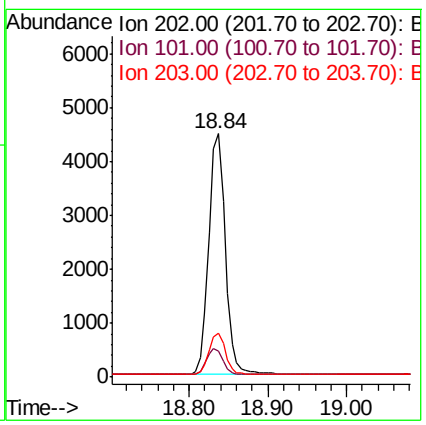


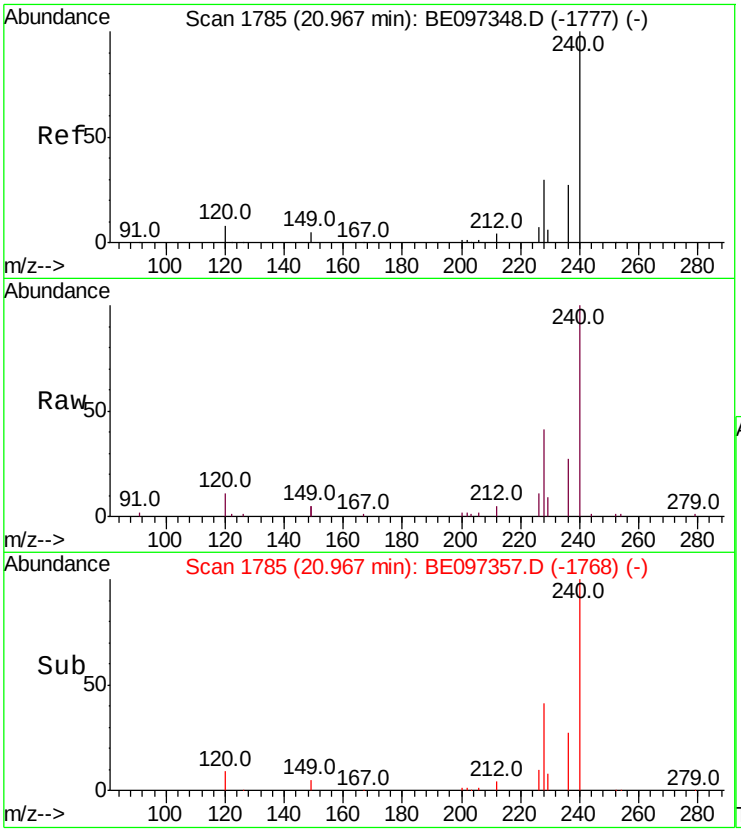


#26
Fluoranthene
Concen: 0.399 ng
RT: 18.84 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:202 Resp: 6461

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	17.0	13.7	20.5



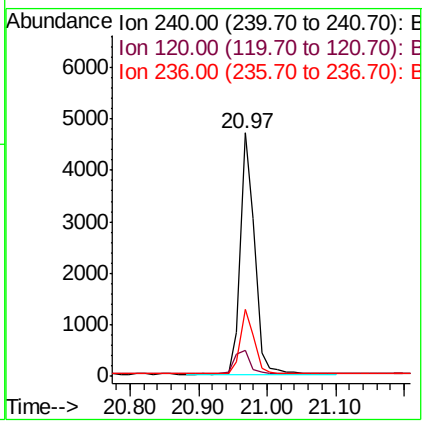


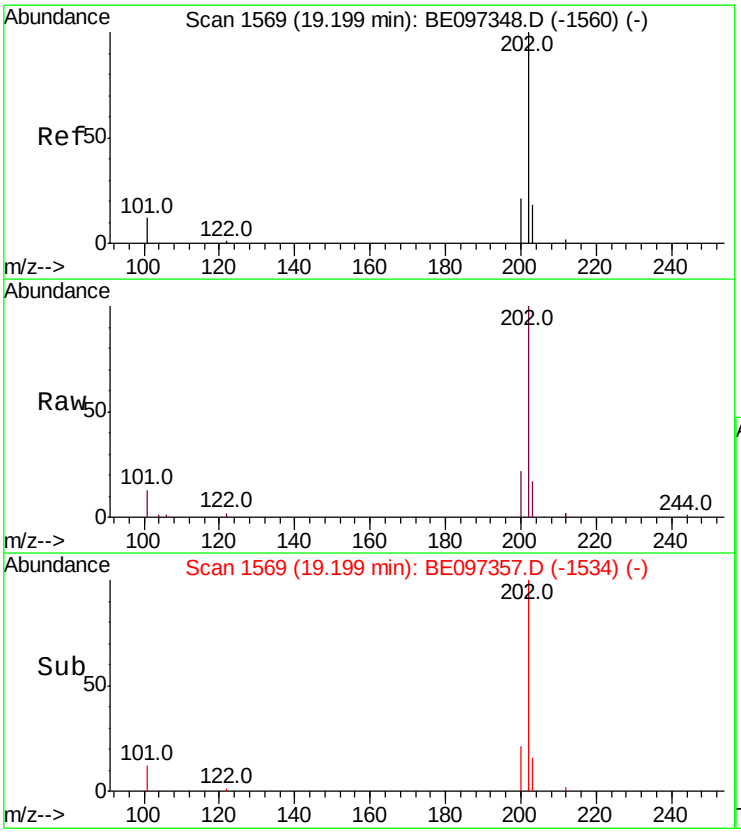
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6751

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.5	8.3#
236	27.4	20.7	31.1

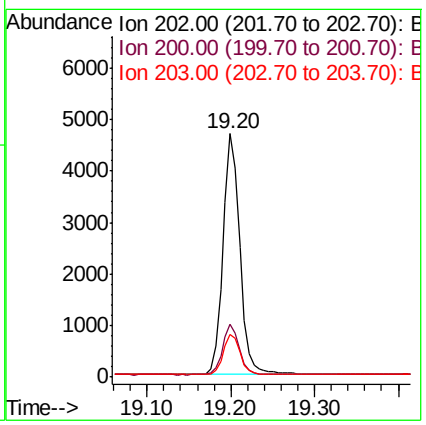


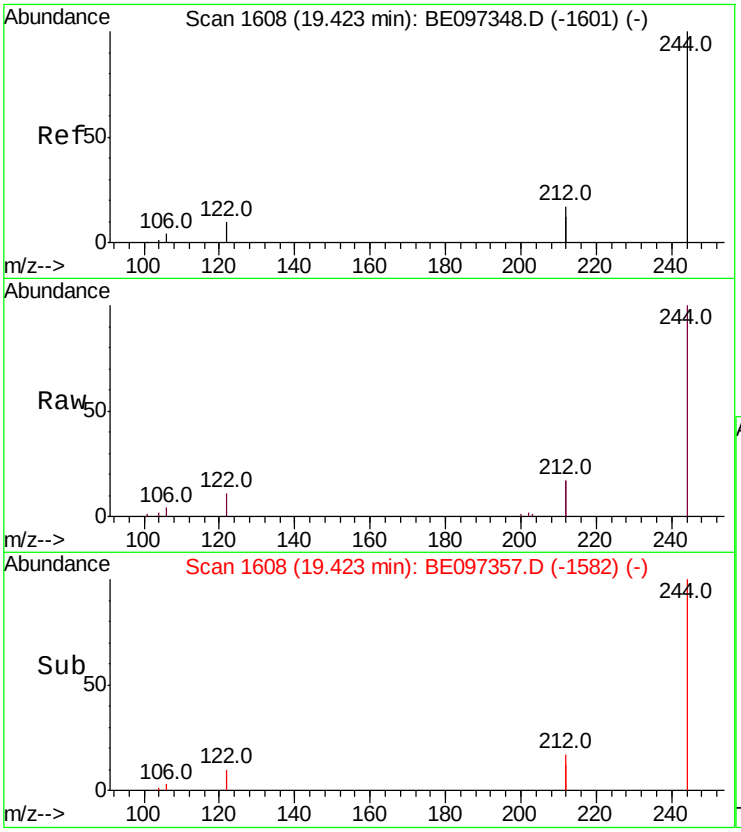


#28
Pyrene
Concen: 0.408 ng
RT: 19.20 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:202 Resp: 6552

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	16.8	13.8	20.8



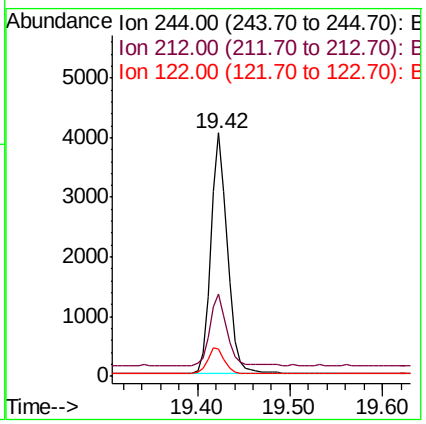


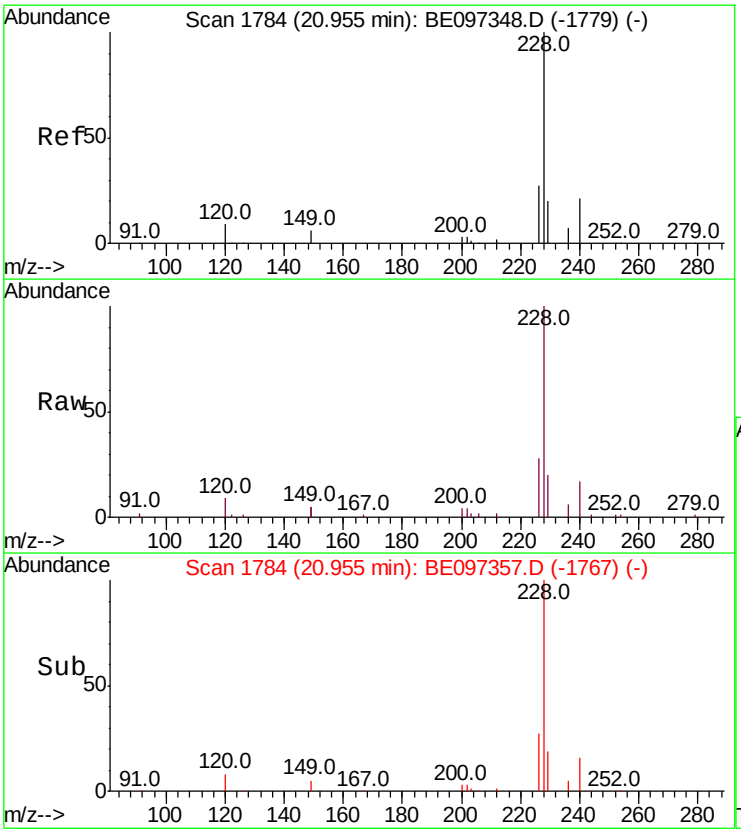
#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5010

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.4	38.0
122	11.0	8.1	12.1

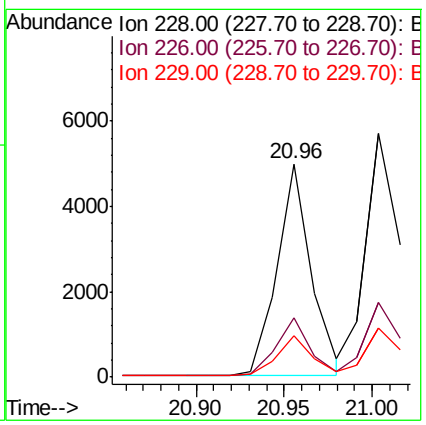


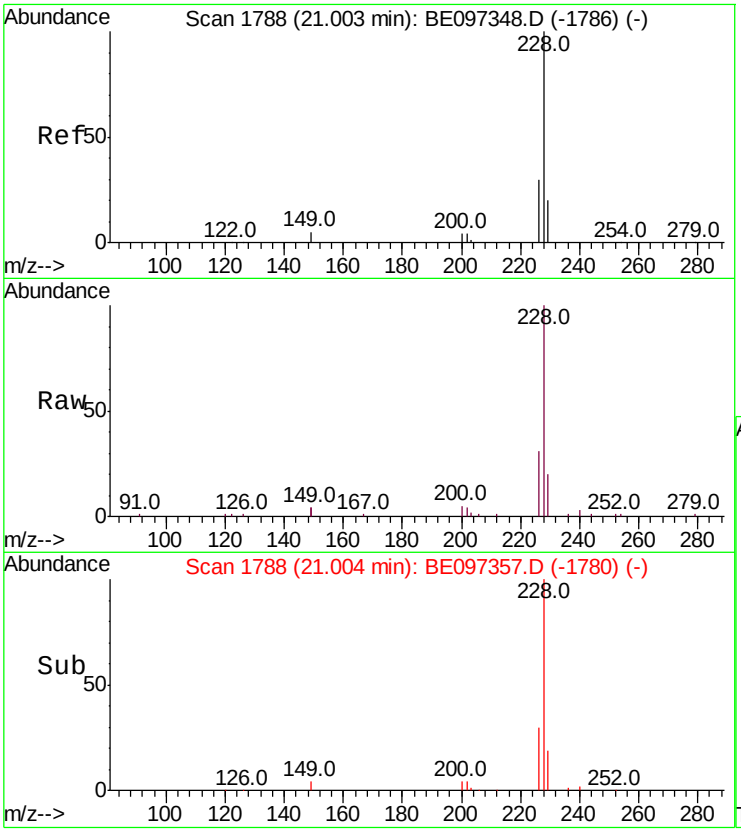


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 20.96 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:228 Resp: 6630

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	19.7	16.0	24.0



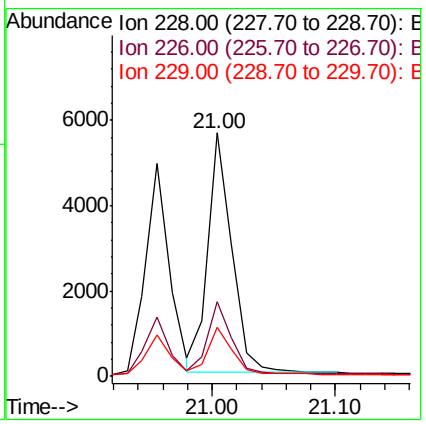


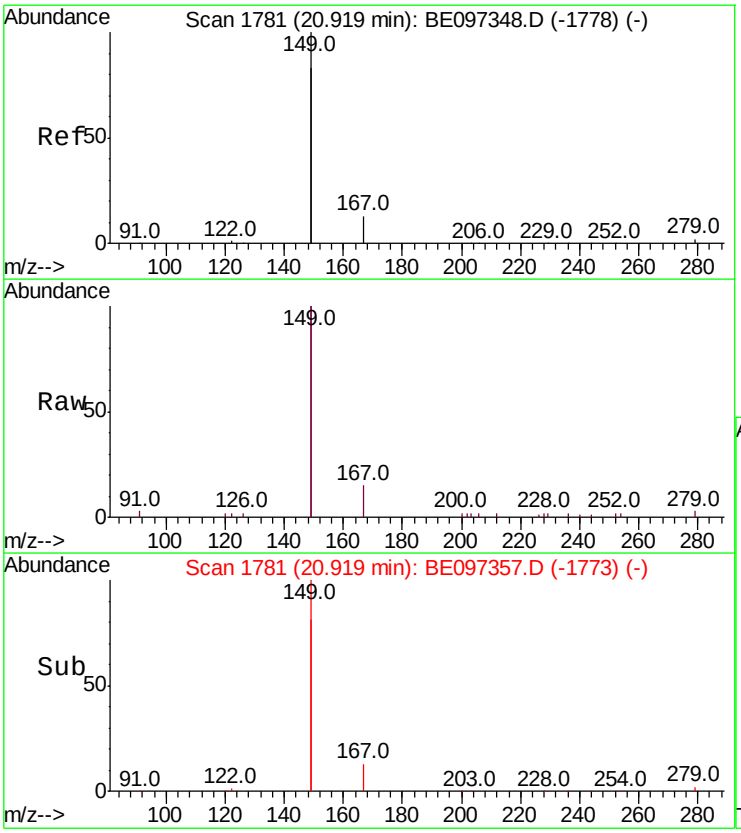
#31
Chrysene
Concen: 0.418 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7684

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.0	16.0	24.0

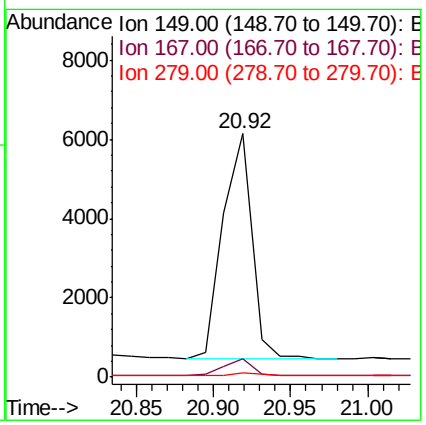


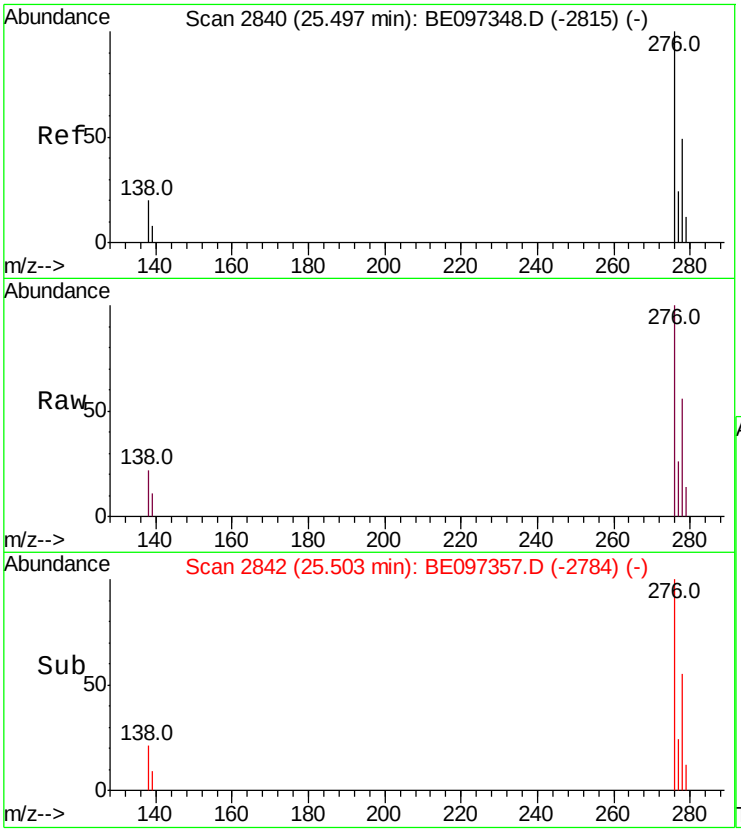


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.389 ng
RT: 20.92 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:149 Resp: 7395

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



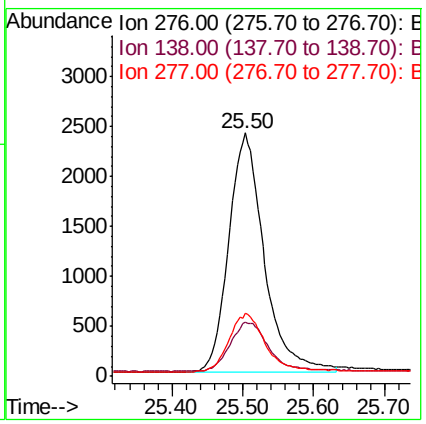


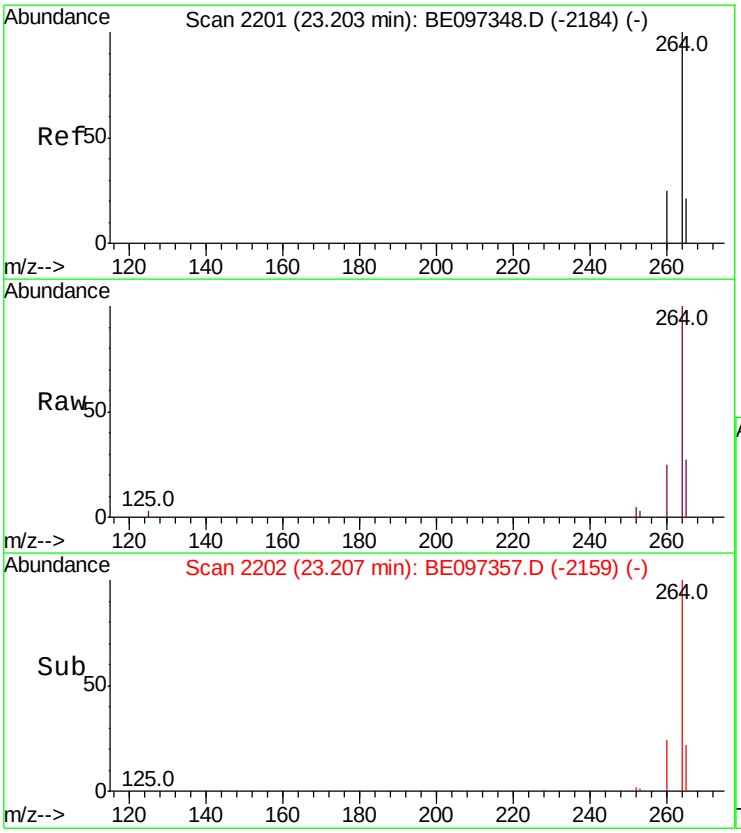
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng
RT: 25.50 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8278

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	24.9	19.9	29.9

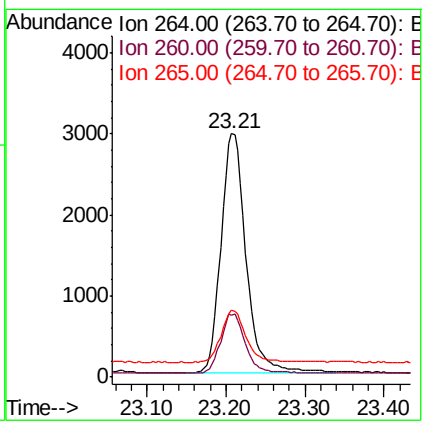


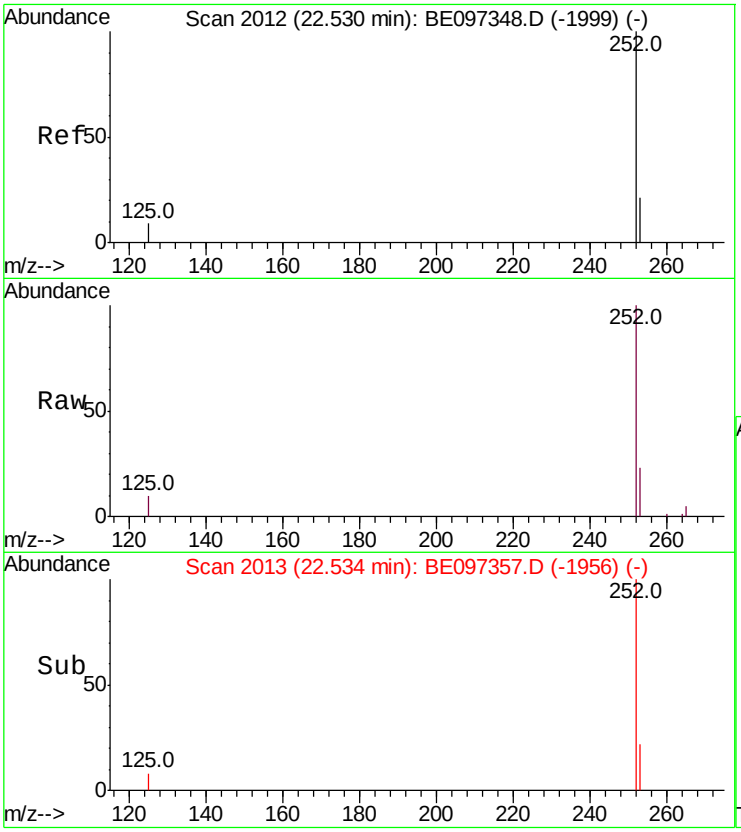


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:264 Resp: 6560

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	27.3	22.8	34.2



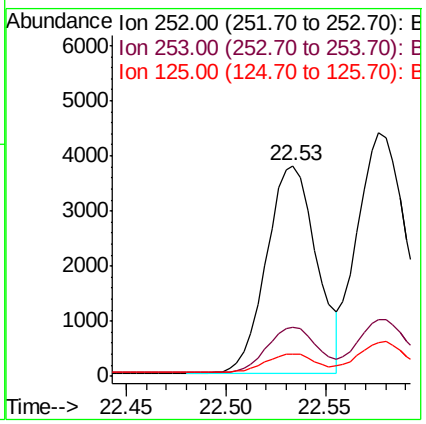


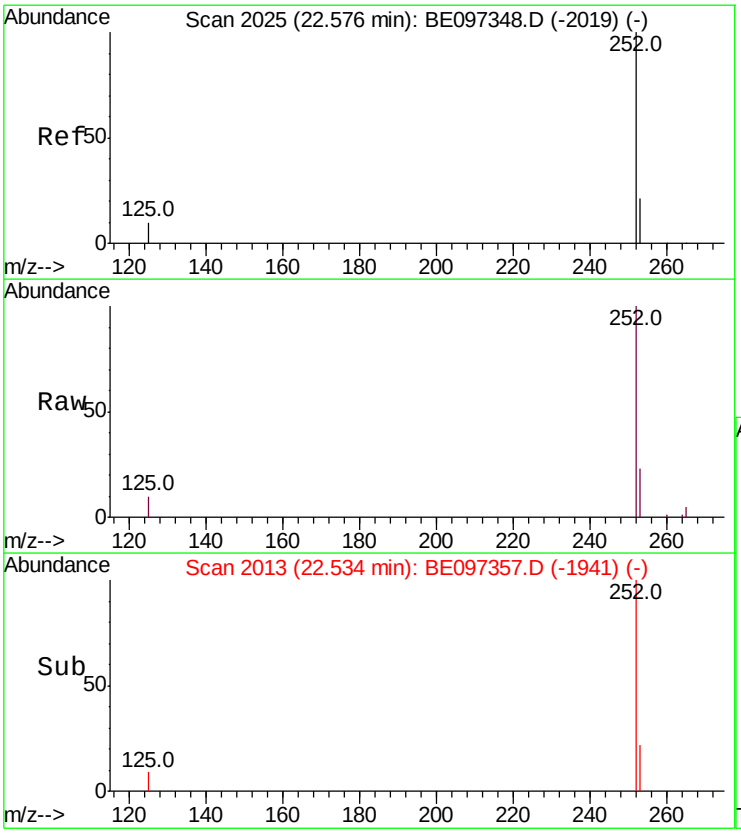
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6563

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.0	30.0
125	10.3	16.0	24.0#

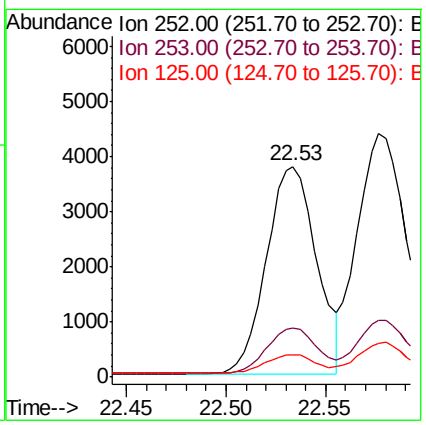


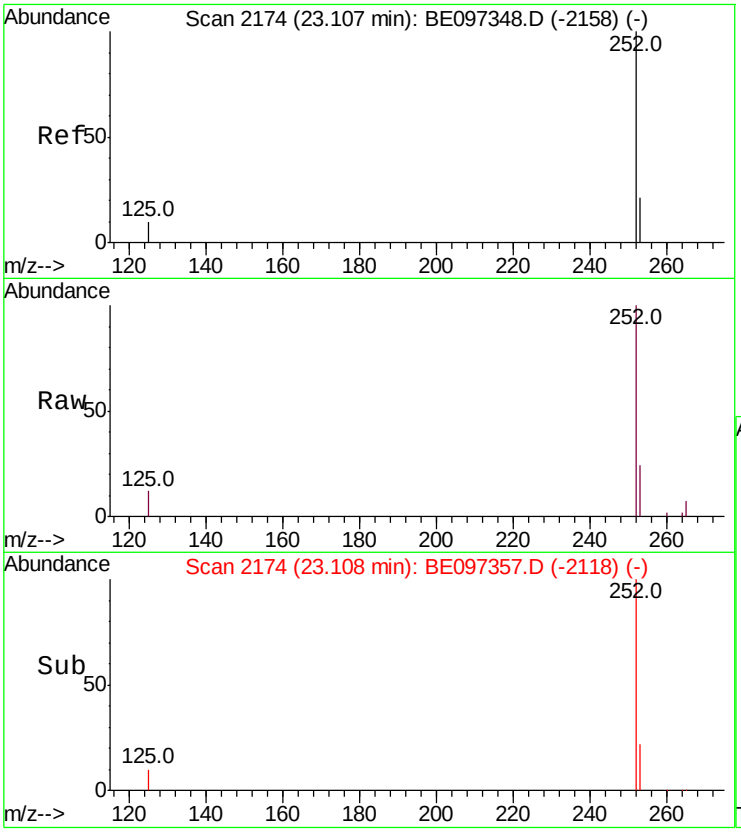


#36
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.04 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:252 Resp: 6563

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.0	24.0
125	10.3	8.0	12.0



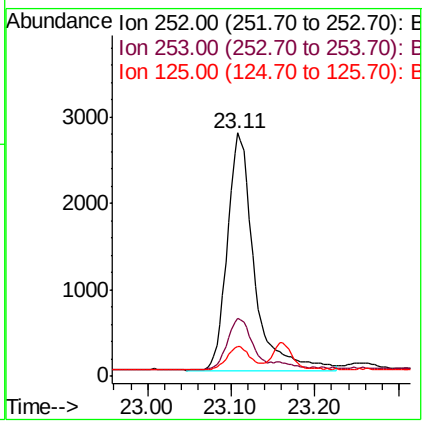


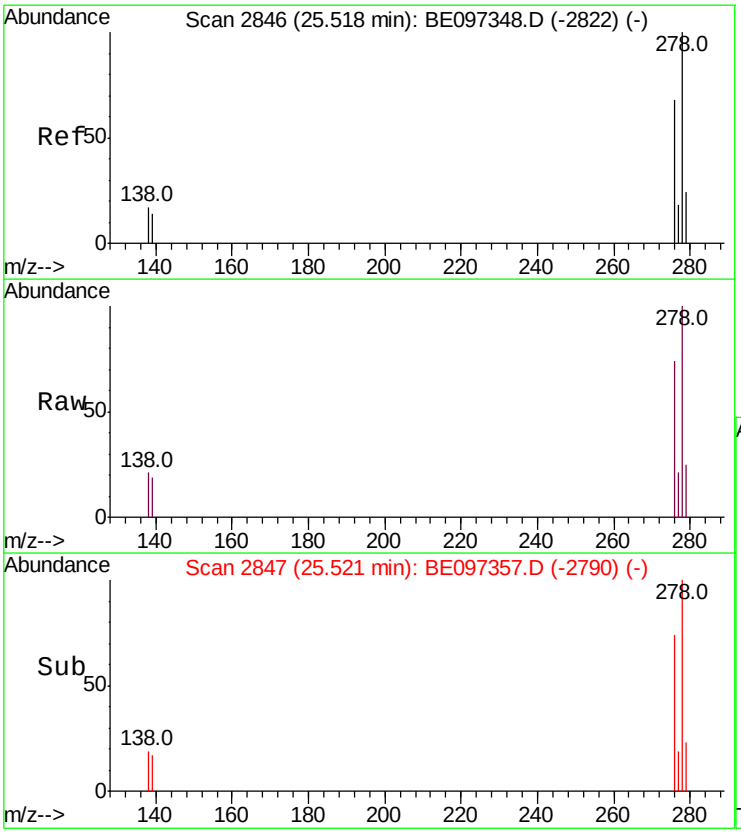
#37
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.11 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6109

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	12.4	12.0	18.0

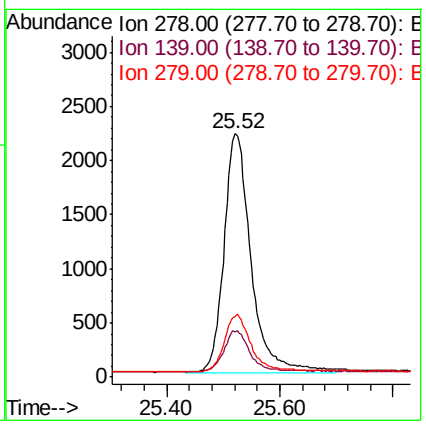


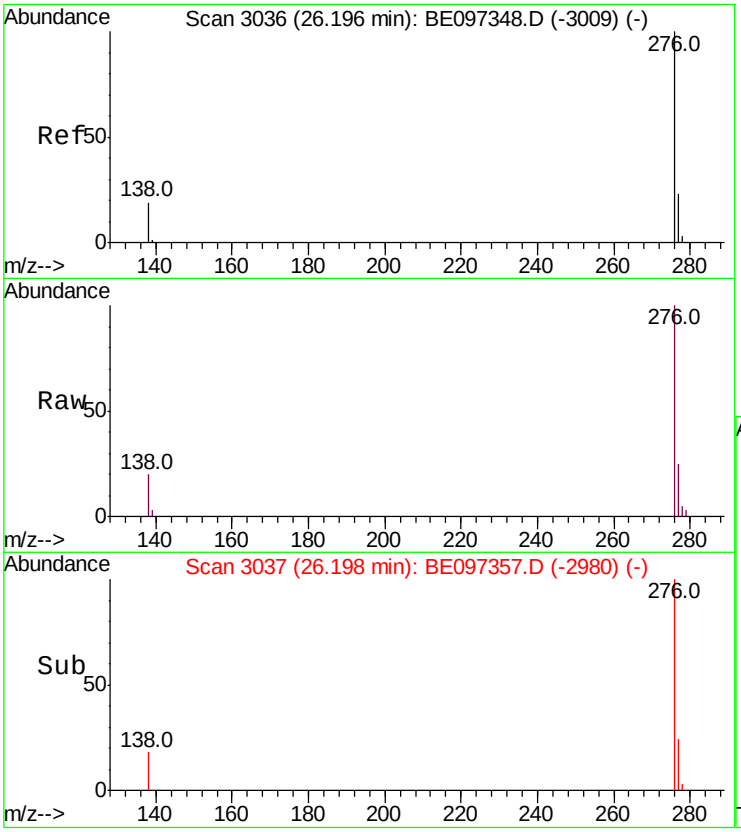


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 25.52 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Tgt Ion:278 Resp: 7292

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	25.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097357.D
Acq: 23 Aug 2018 14:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7082

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	20.2	20.0	30.0