Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097351.D
Acq On : 22 Aug 2018 17:19
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 22 17:58:29 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 16:06:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	911	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4351	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2519	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	6306	0.40	ng		-0.01
27) Chrysene-d12	20.97	240	8242	0.40	ng		0.00
34) Perylene-d12	23.21	264	7121	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	8355	4.00	ng		0.00
5) Phenol-d6	6.58	99	11712	3.78	ng		-0.01
8) Nitrobenzene-d5	8.51	82	10594	5.69	ng		-0.01
11) 2-Methylnaphthalene-d10	11.71	152	19634	3.34	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	3308	7.97	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	28406	2.75	ng		0.00
25) Fluoranthene-d10	18.80	212	237327	4.22	ng		0.00
29) Terphenyl-d14	19.42	244	48561	2.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	4782	3.312	ng	#	88
3) n-Nitrosodimethylamine	3.37	42	5124	4.065	ng	#	96
6) bis(2-Chloroethyl)ether	6.83	93	10683	3.468	ng		96
9) Naphthalene	10.18	128	123381	3.094	ng		99
10) Hexachlorobutadiene	10.47	225	5476	3.121	ng		97
12) 2-Methylnaphthalene	11.79	142	20471	3.409	ng		99
16) Acenaphthylene	13.72	152	35086	3.660	ng		100
17) Acenaphthene	14.07	154	21558	3.182	ng		97
18) Fluorene	15.06	166	27432	3.314	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	9762	3.429	ng	#	82
21) Hexachlorobenzene	16.08	284	10468	2.740	ng	#	83
22) Pentachlorophenol	16.43	266	3783	10.090	ng	#	72
23) Phenanthrene	16.80	178	49408	3.212	ng		99
24) Anthracene	16.89	178	45380	3.986	ng		96
26) Fluoranthene	18.83	202	63624	4.293	ng		98
28) Pyrene	19.19	202	64520	2.916	ng		99
30) Benzo(a)anthracene	20.96	228	69893	3.944	ng		96
31) Chrysene	21.00	228	71073	3.060	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	97081	9.000	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	76038	5.151	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	63661	3.390	ng	#	86
36) Benzo(k)fluoranthene	22.57	252	71727	2.722	ng		97
37) Benzo(a)pyrene	23.10	252	60773	3.555	ng	#	93
38) Dibenzo(a,h)anthracene	25.51	278	64670	4.425	ng	#	93
39) Benzo(g,h,i)perylene	26.19	276	63935	4.340	ng	#	89

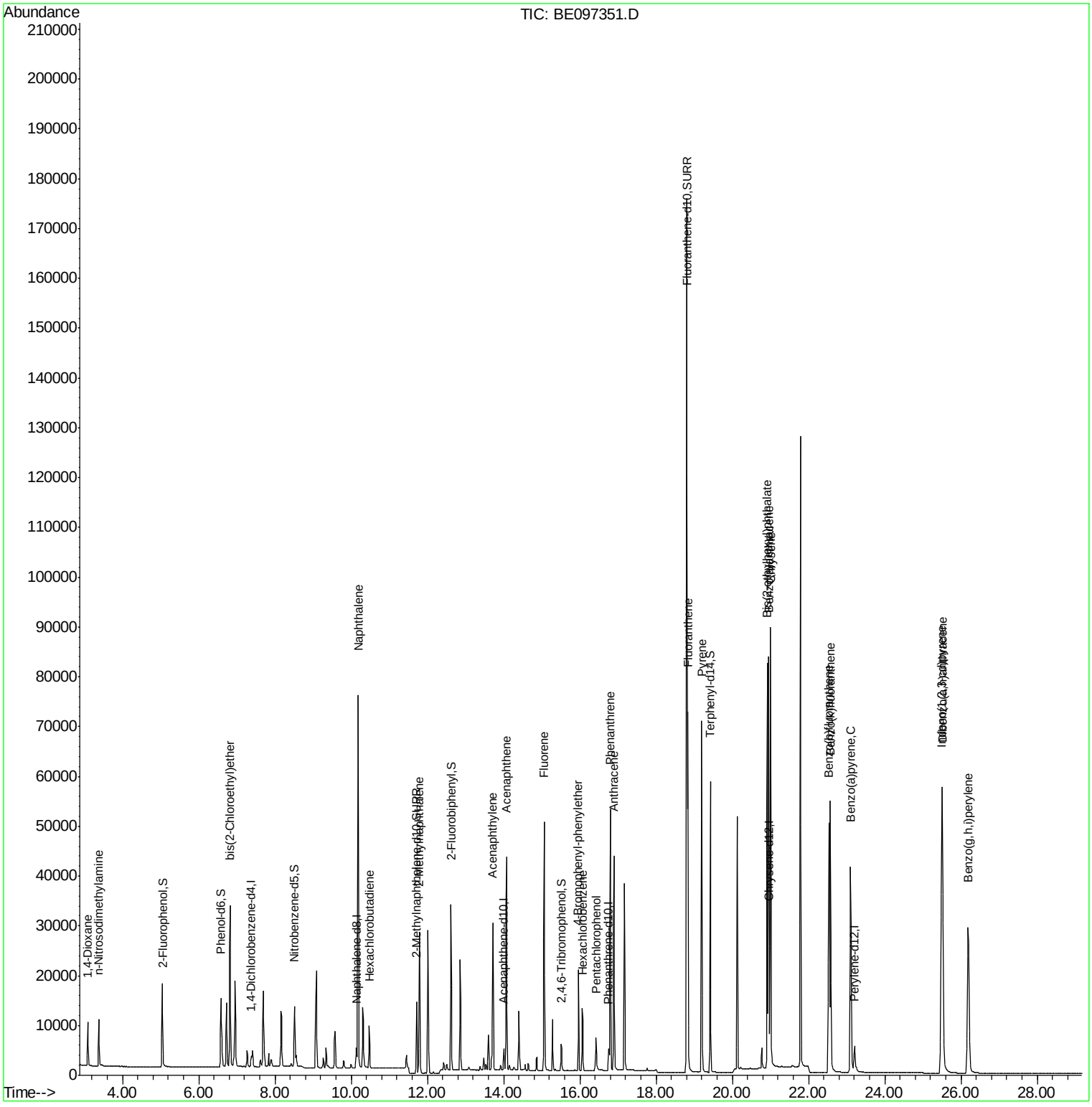
(#) = qualifier out of range (m) = manual integration (+) = signals summed

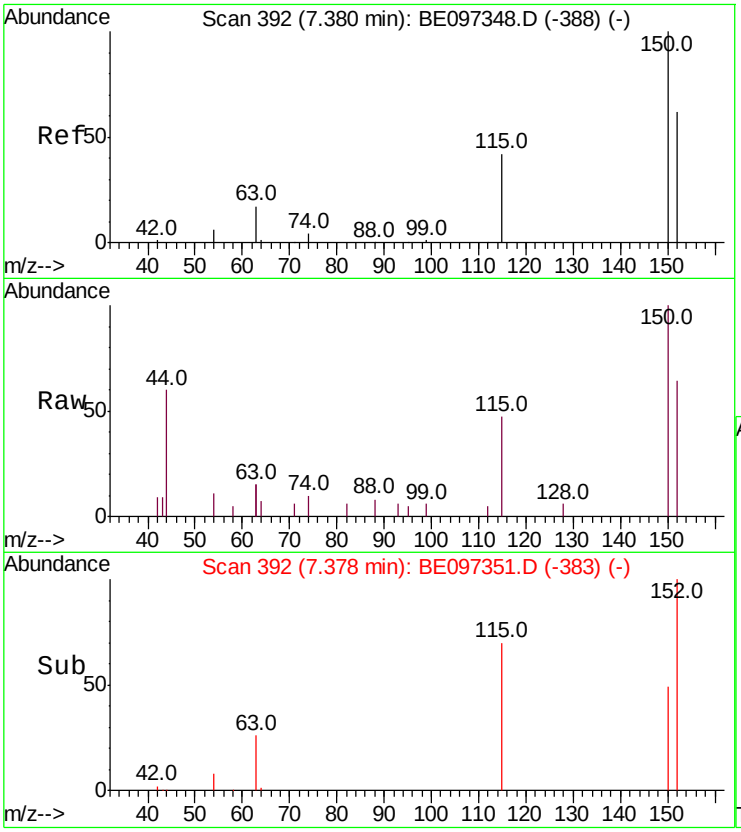
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082218\
Data File : BE097351.D
Acq On : 22 Aug 2018 17:19
Operator : SJ/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 22 17:58:29 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 16:06:11 2018
Response via : Initial Calibration



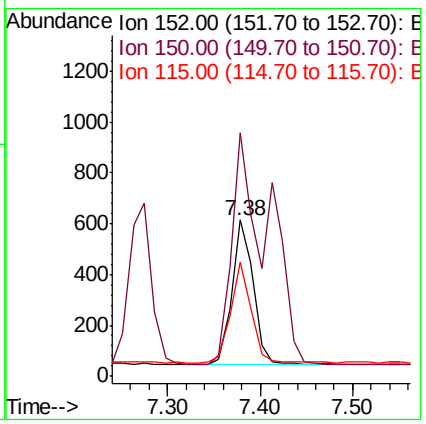


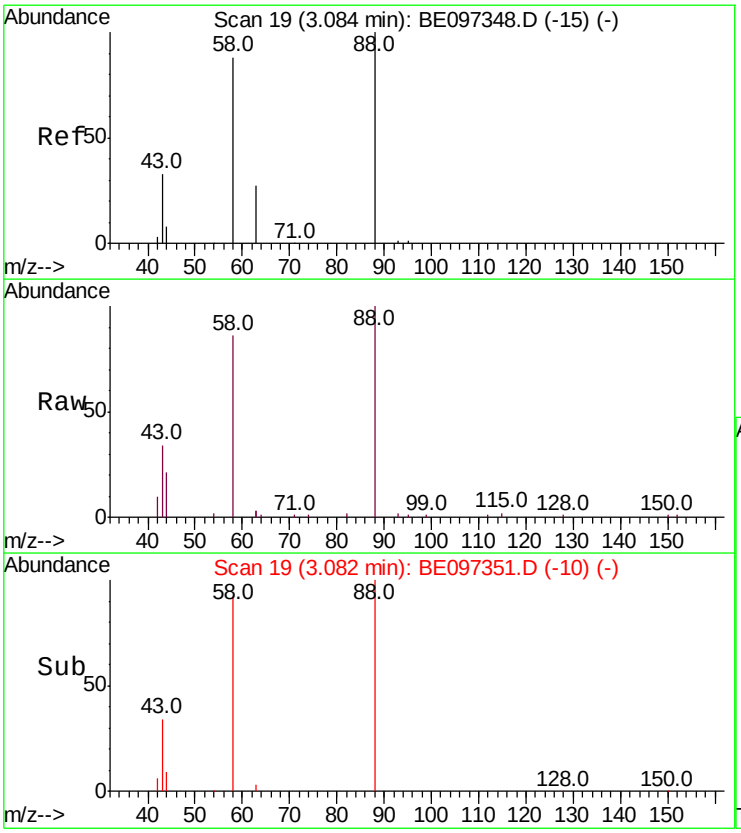
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 911

Ion	Ratio	Lower	Upper
152	100		
150	156.1	117.2	175.8
115	73.4	57.0	85.6

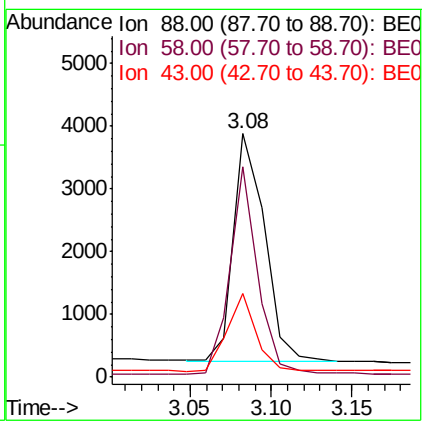


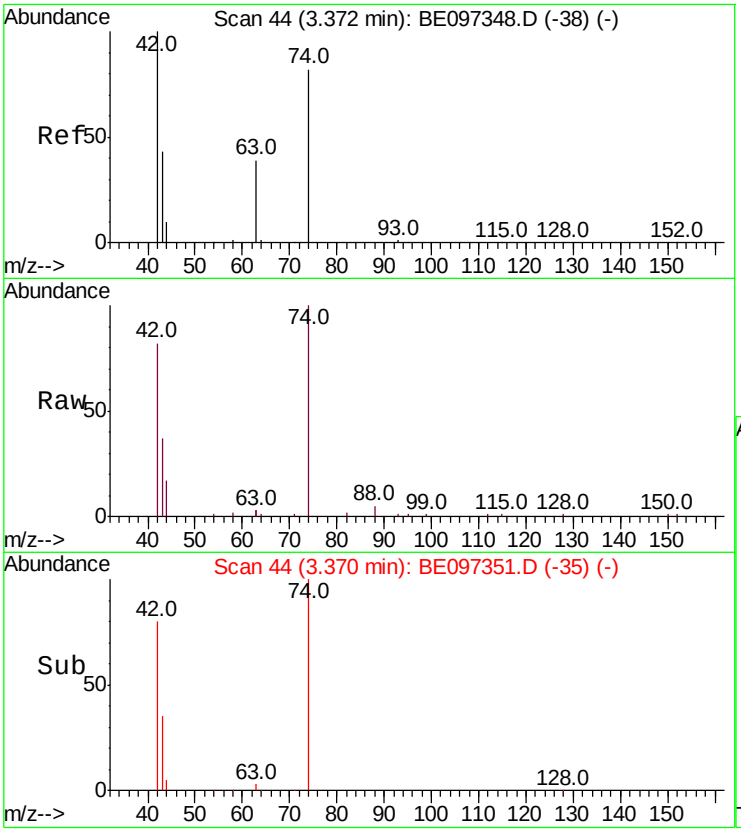


#2
1,4-Dioxane
Concen: 3.312 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion: 88 Resp: 4782

Ion	Ratio	Lower	Upper
88	100		
58	80.8	63.2	94.8
43	31.6	41.2	61.8#



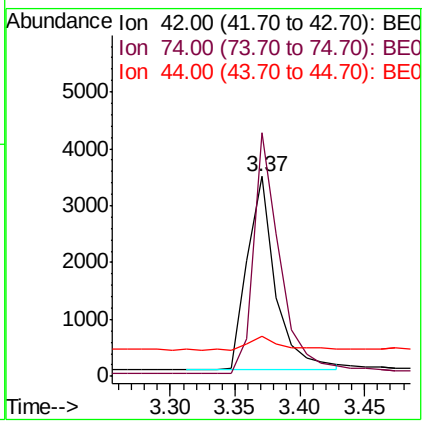


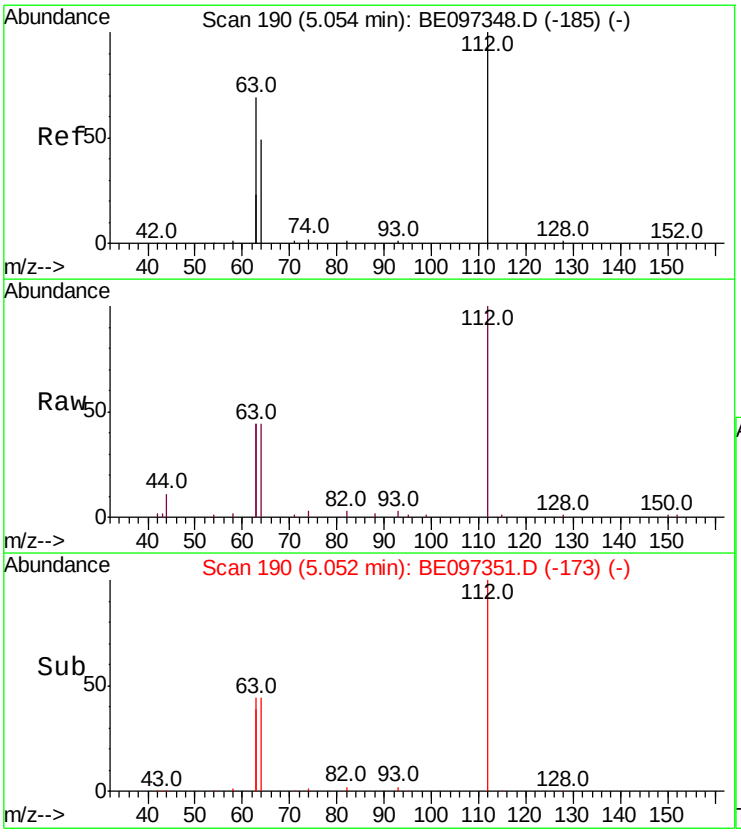
#3
n-Nitrosodimethylamine
Concen: 4.065 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 5124

Ion	Ratio	Lower	Upper
42	100		
74	117.1	96.0	144.0
44	8.9	12.0	18.0#

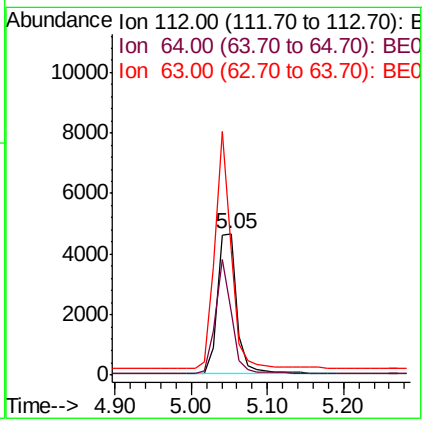


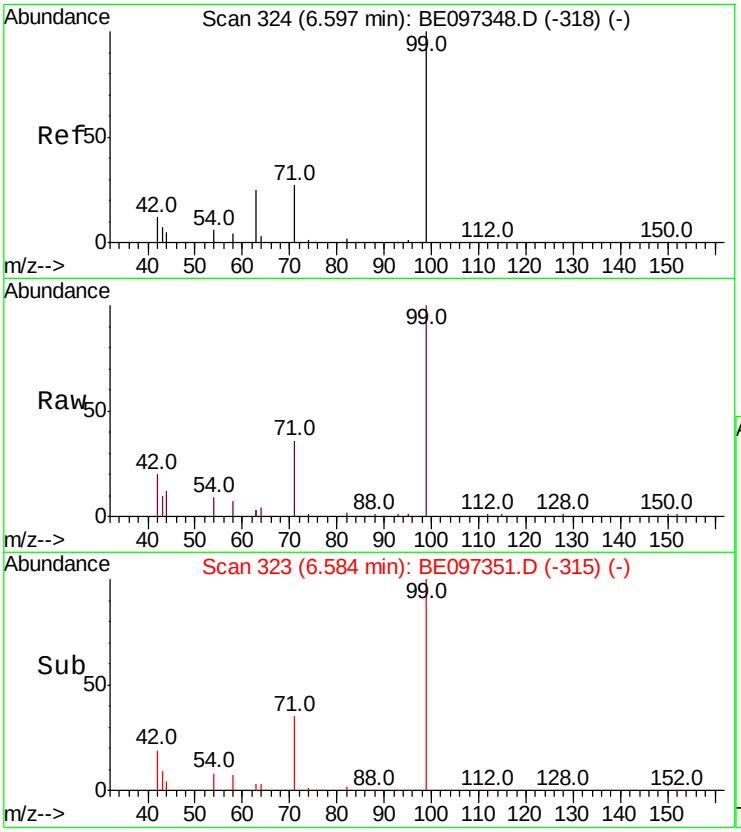


#4
2-Fluorophenol
Concen: 4.002 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:112 Resp: 8355

Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	141.8	116.8	175.2



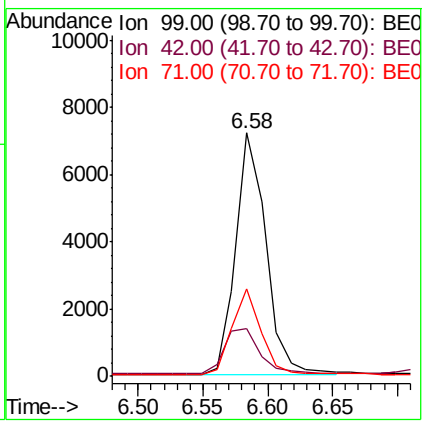


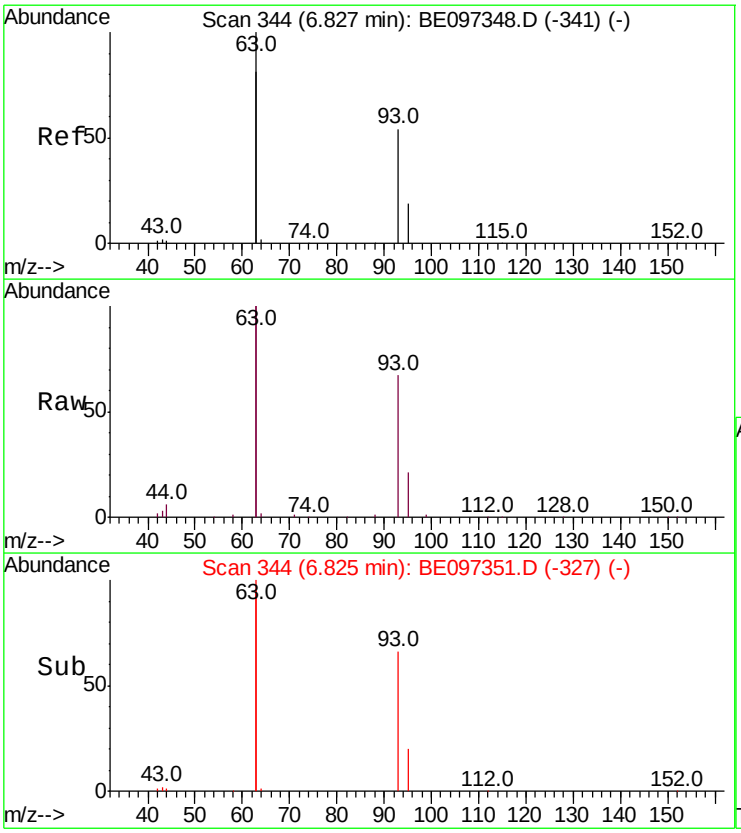
#5
Phenol-d6
Concen: 3.783 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 11712

Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.2	30.2
71	34.0	28.4	42.6

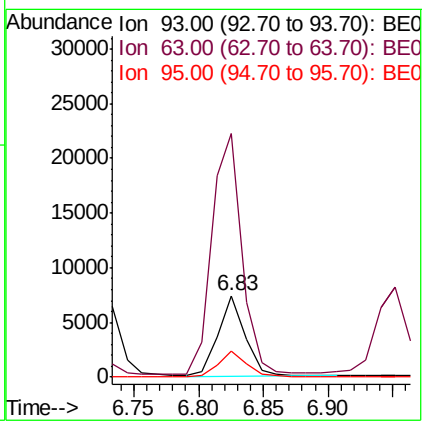


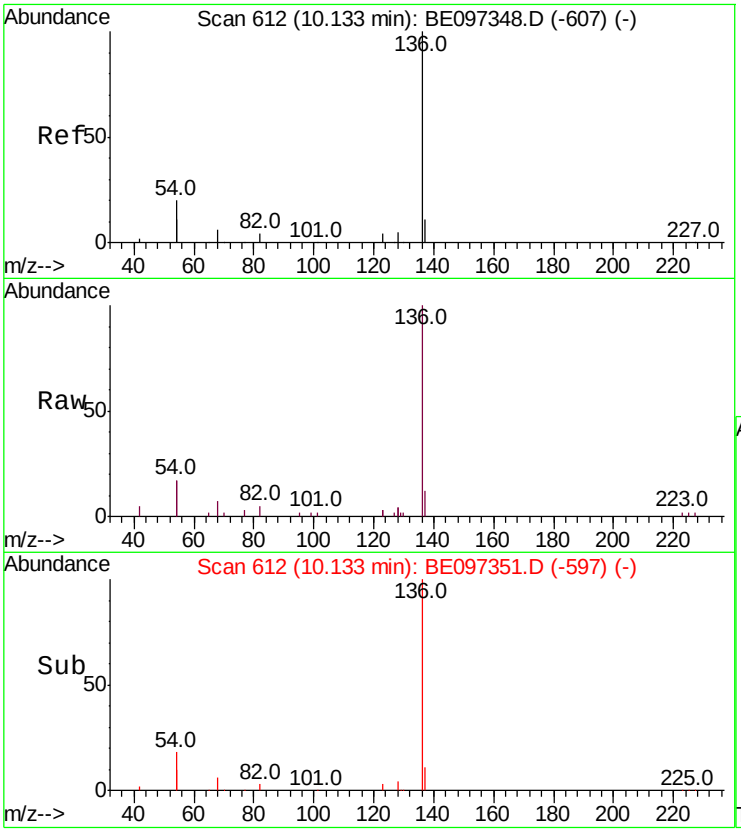


#6
bis(2-Chloroethyl)ether
Concen: 3.468 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion: 93 Resp: 10683

Ion	Ratio	Lower	Upper
93	100		
63	334.4	275.3	412.9
95	32.3	25.2	37.8



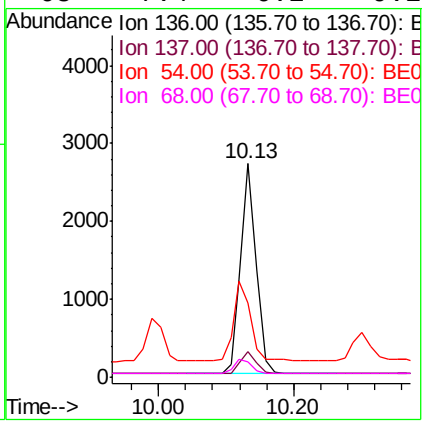


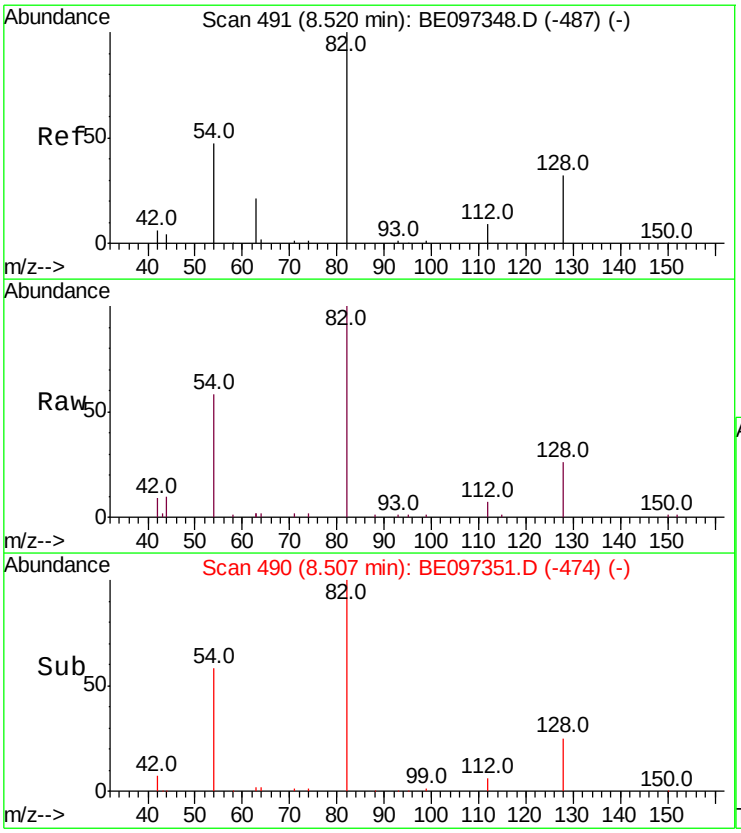
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4351

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	34.6	29.1	43.7
68	7.4	6.2	9.2

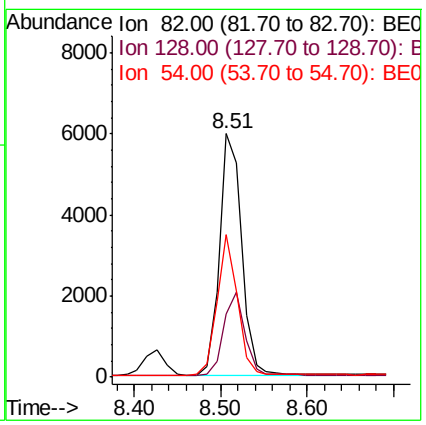


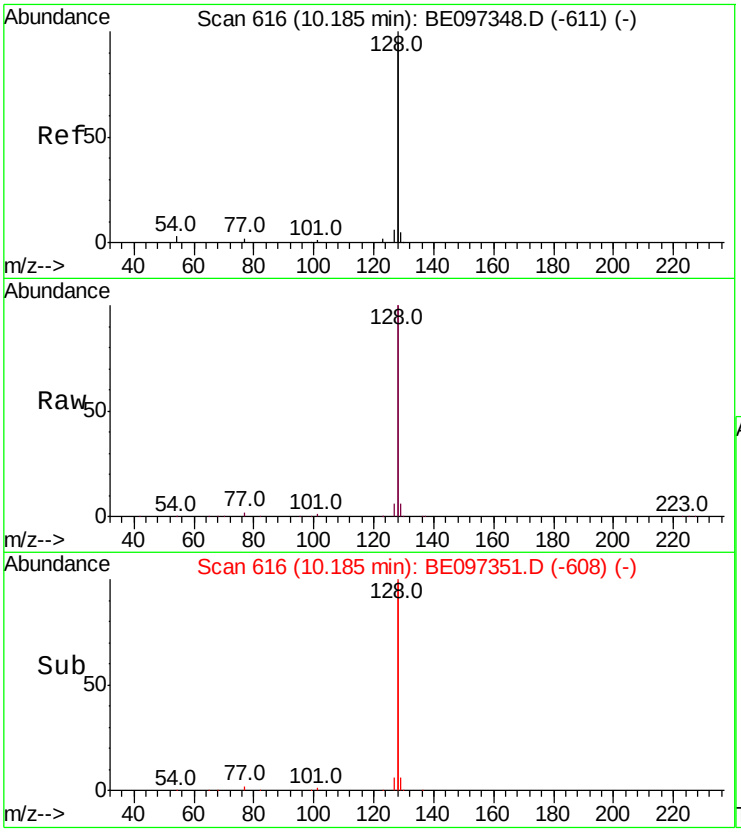


#8
Nitrobenzene-d5
Concen: 5.691 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion: 82 Resp: 10594

Ion	Ratio	Lower	Upper
82	100		
128	25.9	24.0	36.0
54	58.4	40.0	60.0



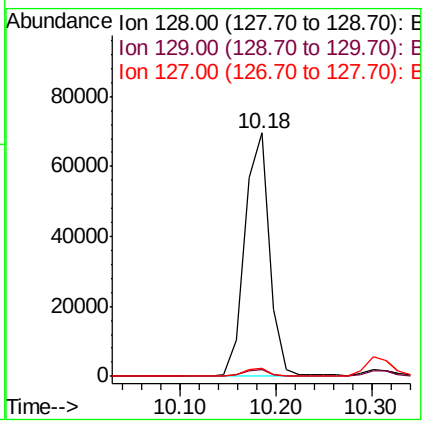


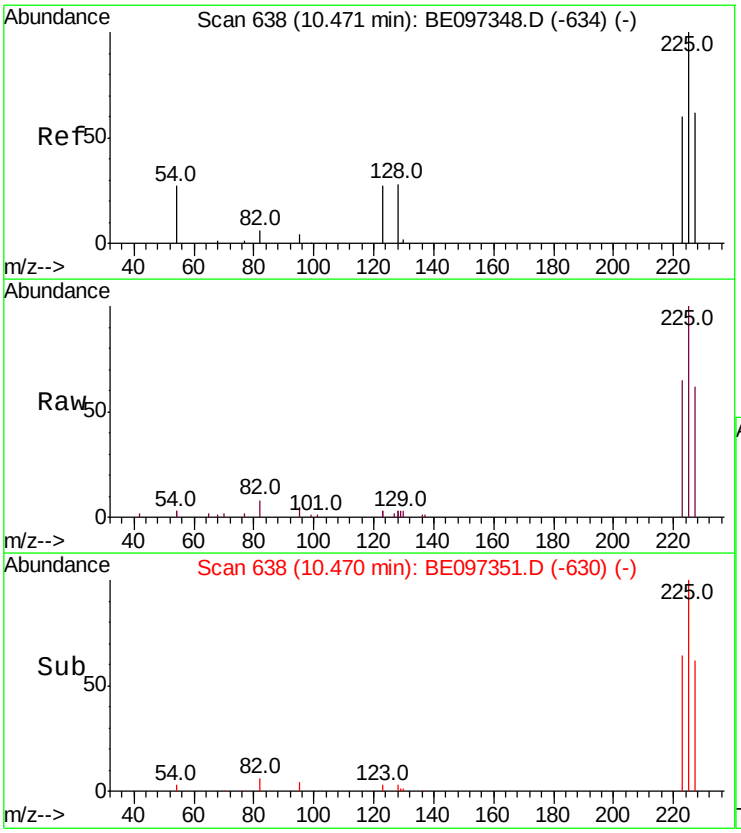
#9
Naphthalene
Concen: 3.094 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 123381

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2

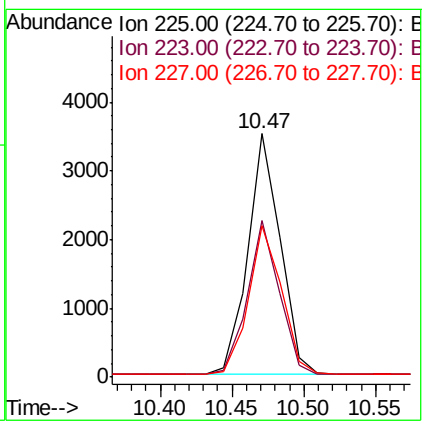


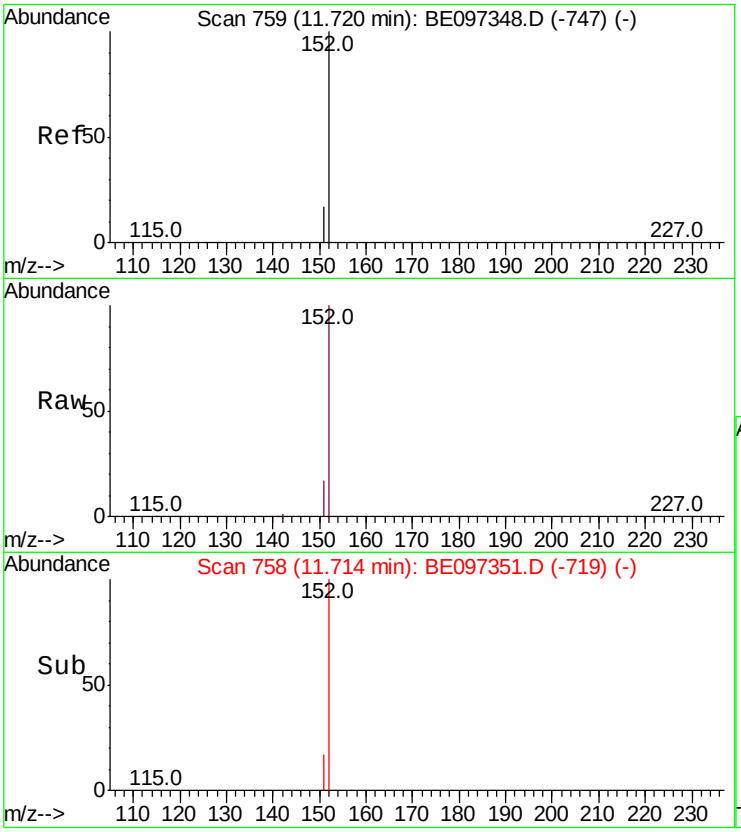


#10
Hexachlorobutadiene
Concen: 3.121 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:225 Resp: 5476

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	62.5	51.4	77.2



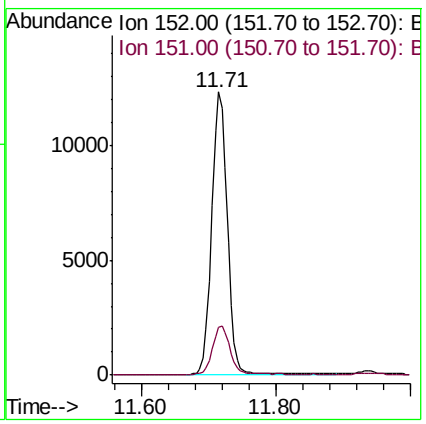


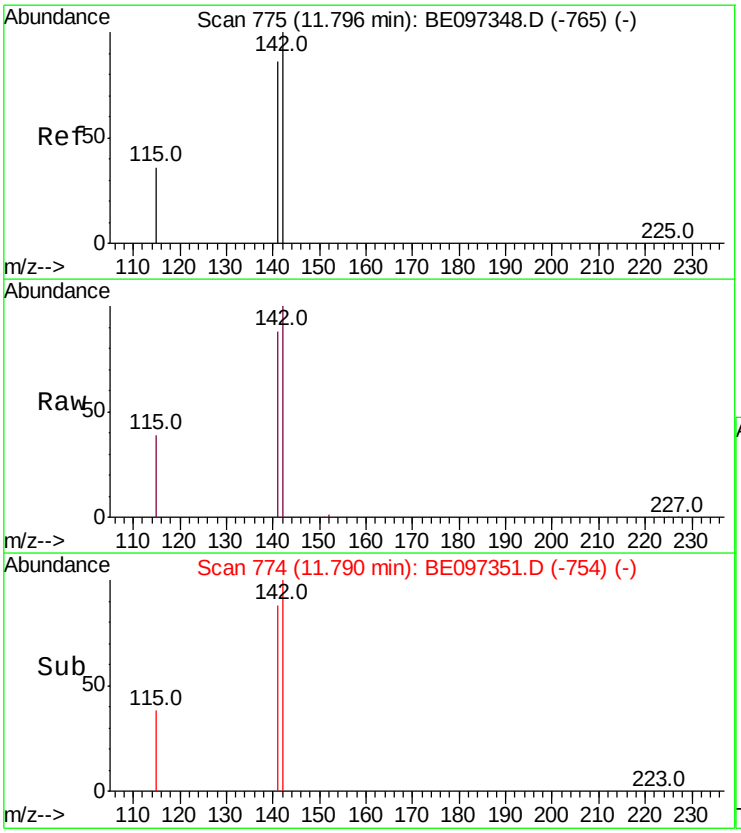
#11
2-Methylnaphthalene-d10
Concen: 3.338 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 19634

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

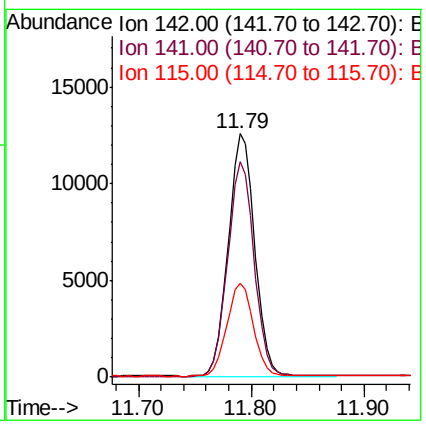


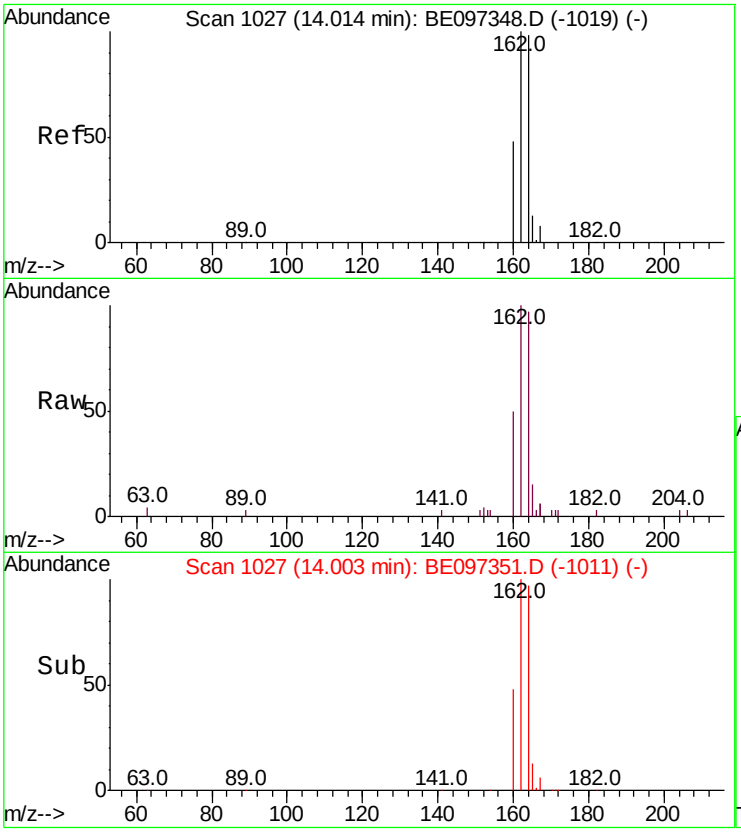


#12
2-Methylnaphthalene
Concen: 3.409 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:142 Resp: 20471

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	38.5	31.7	47.5



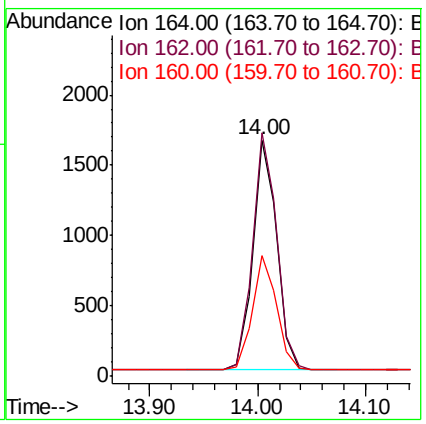


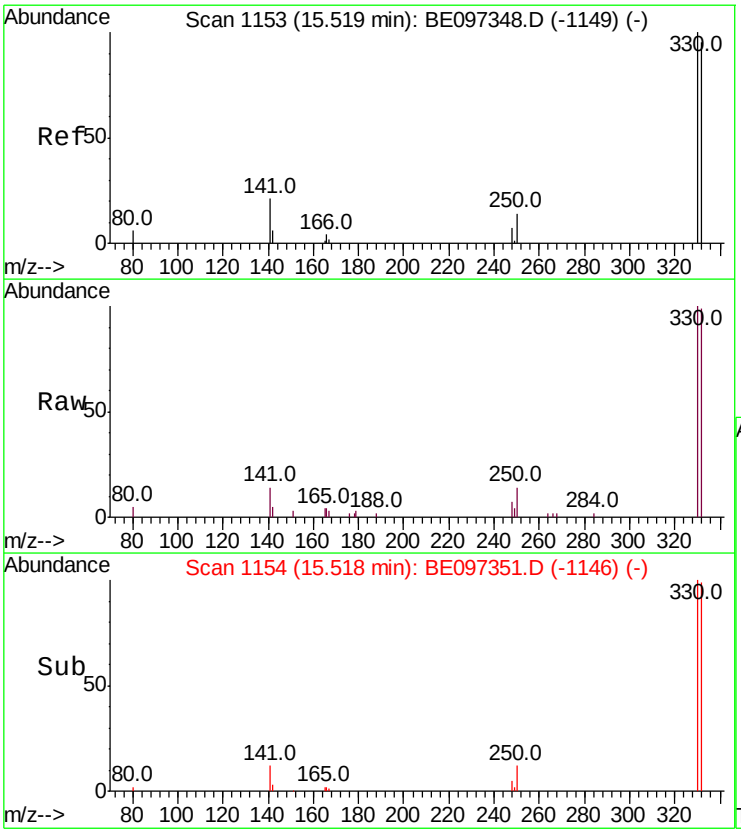
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2519

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	51.3	37.1	55.7

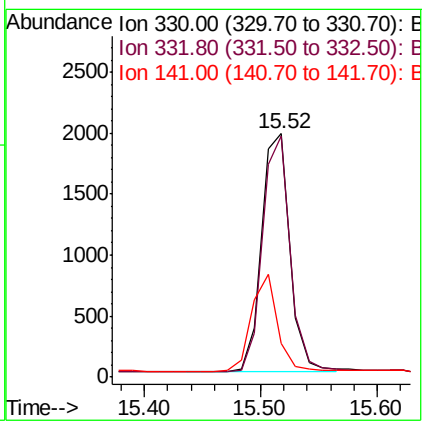


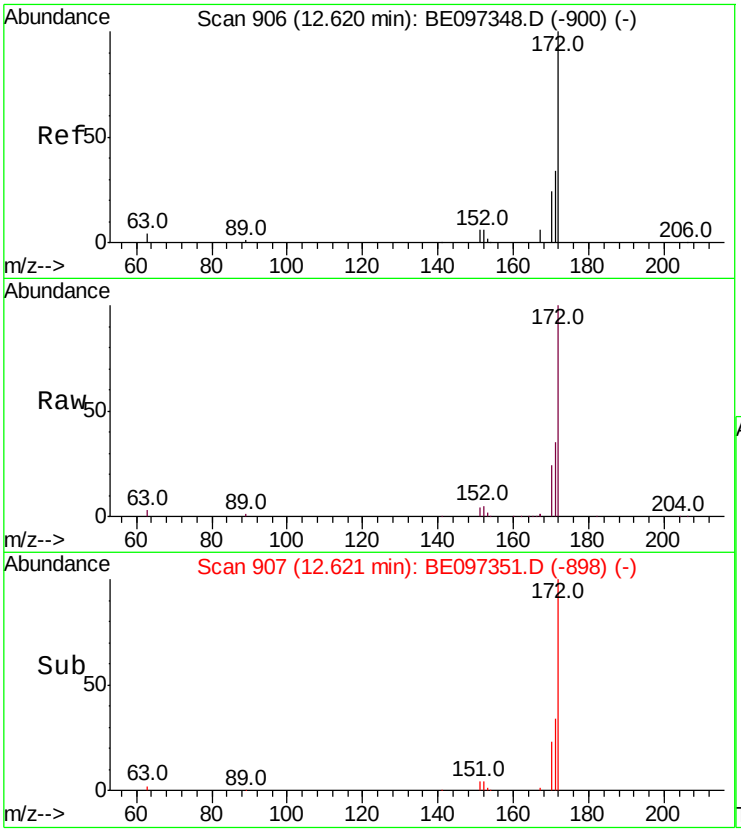


#14
2,4,6-Tribromophenol
Concen: 7.974 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:330 Resp: 3308

Ion	Ratio	Lower	Upper
330	100		
332	96.7	152.7	229.1#
141	37.3	33.7	50.5



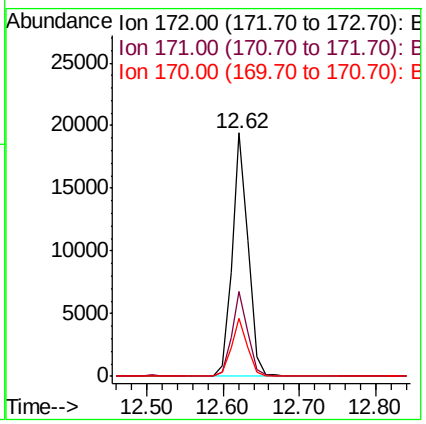


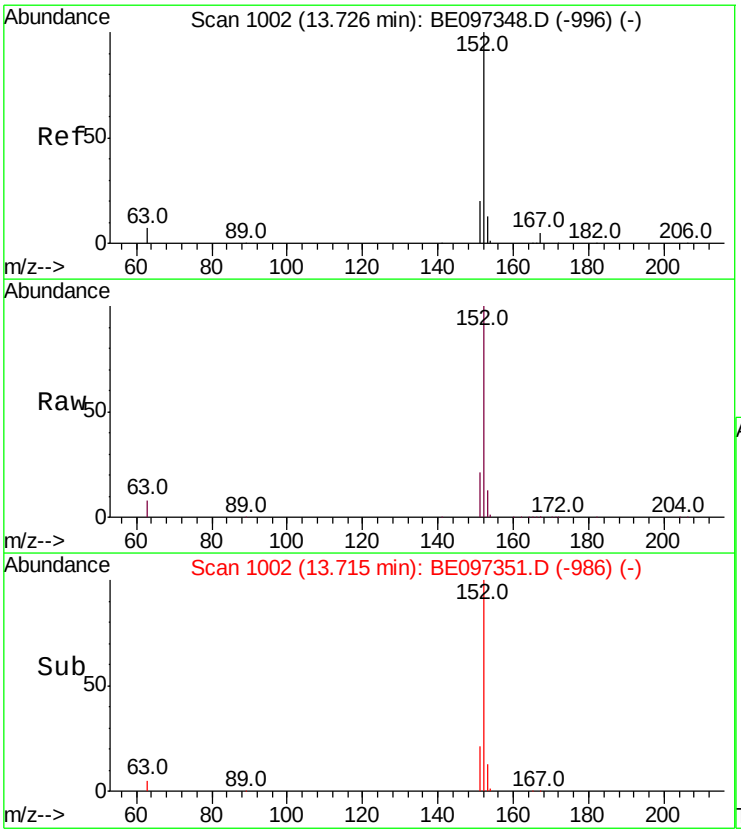
#15
2-Fluorobiphenyl
Concen: 2.751 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 28406

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.6	21.8	32.8

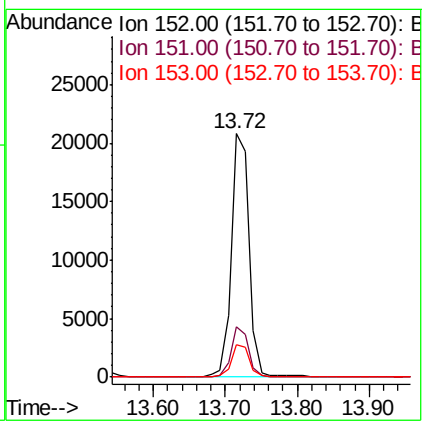


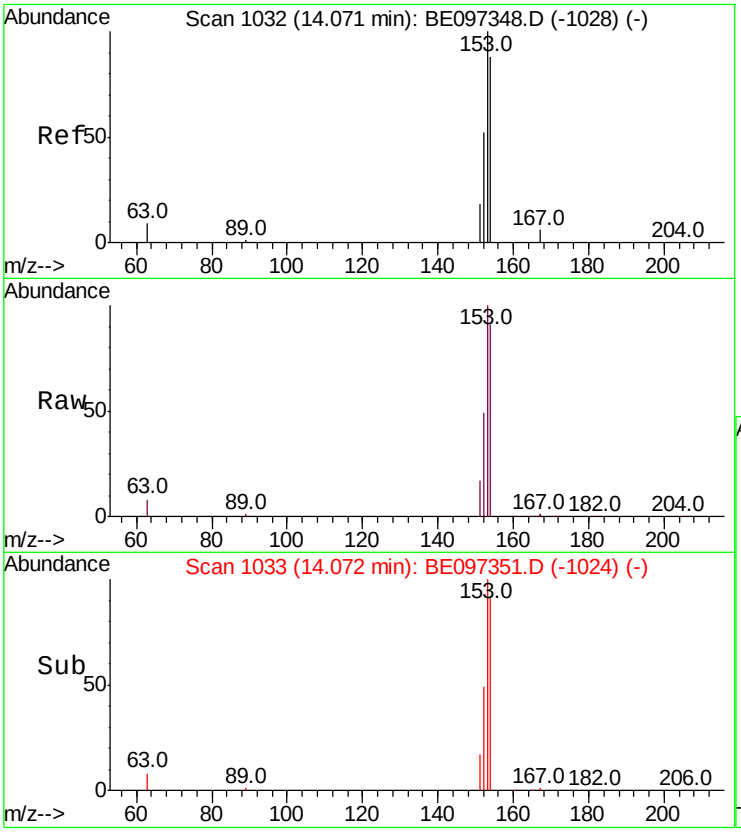


#16
Acenaphthylene
Concen: 3.660 ng
RT: 13.72 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:152 Resp: 35086

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



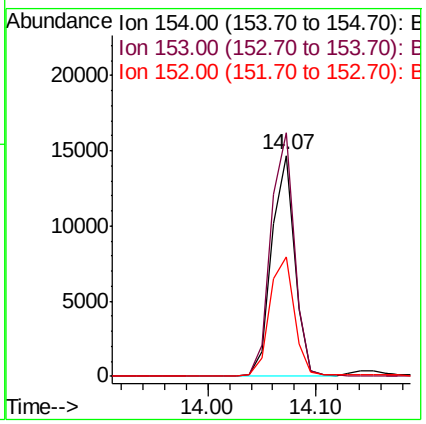


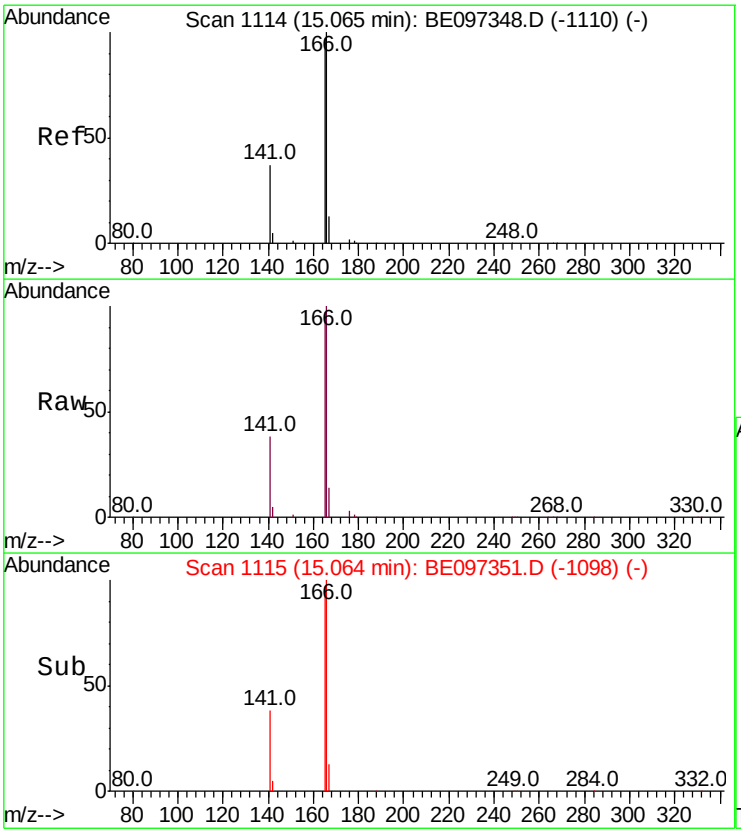
#17
Acenaphthene
Concen: 3.182 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 21558

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	57.5	42.0	63.0

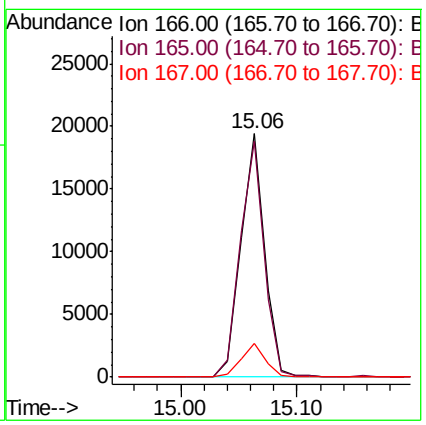


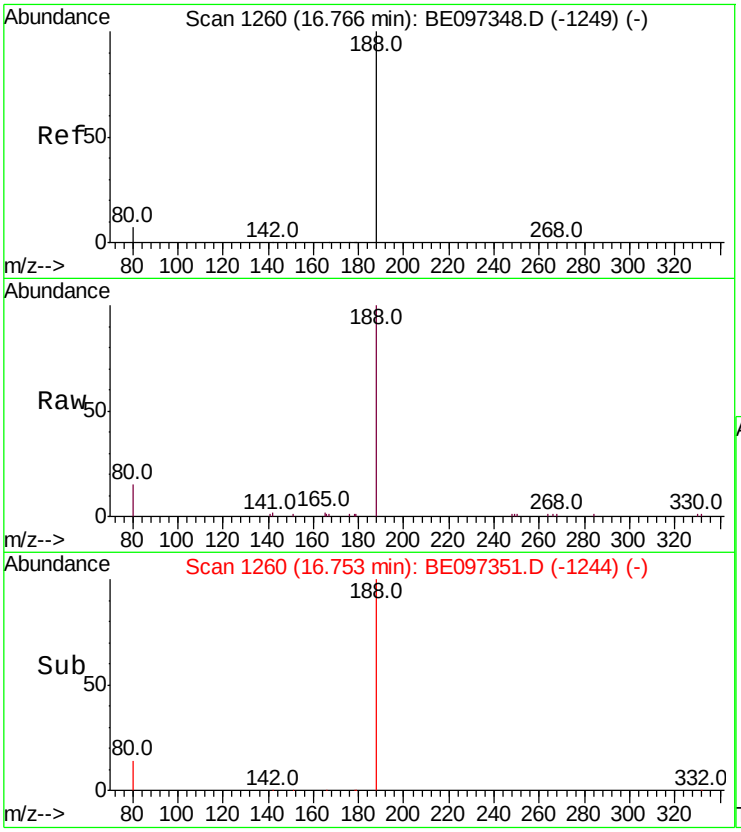


#18
Fluorene
Concen: 3.314 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:166 Resp: 27432

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	13.5	42.4	63.6#



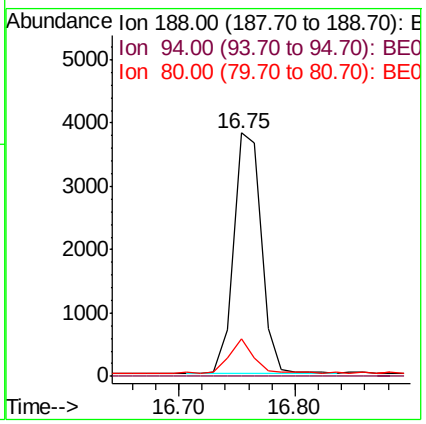


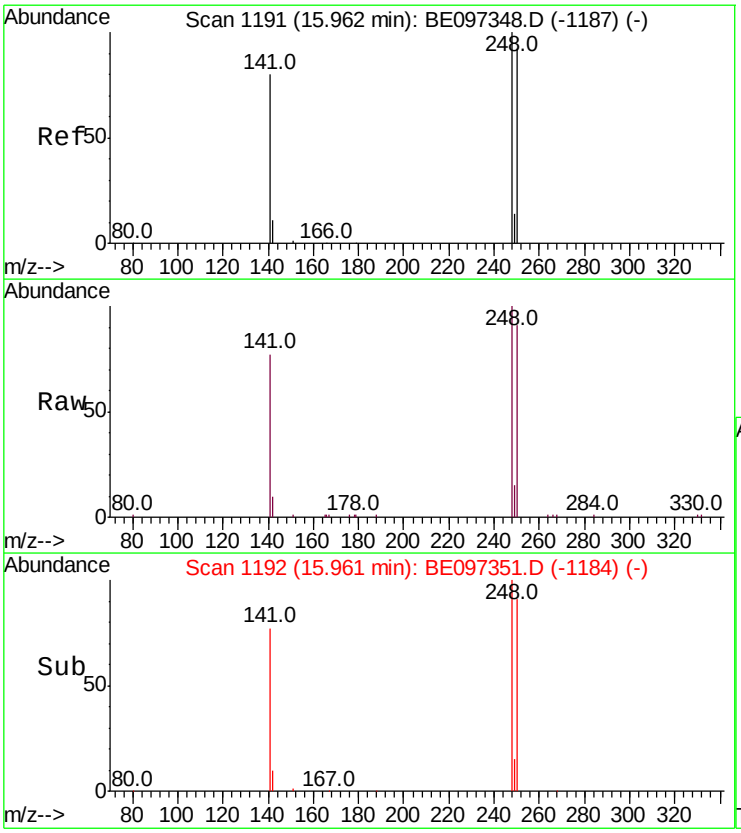
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6306

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.3	3.6	5.4#

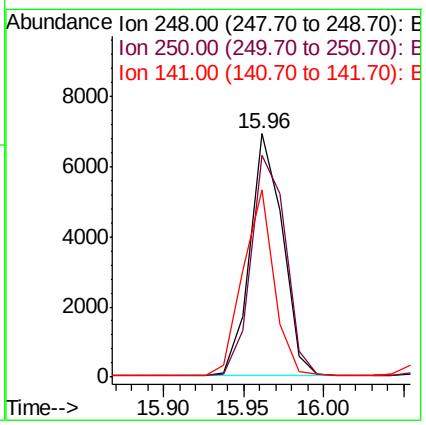


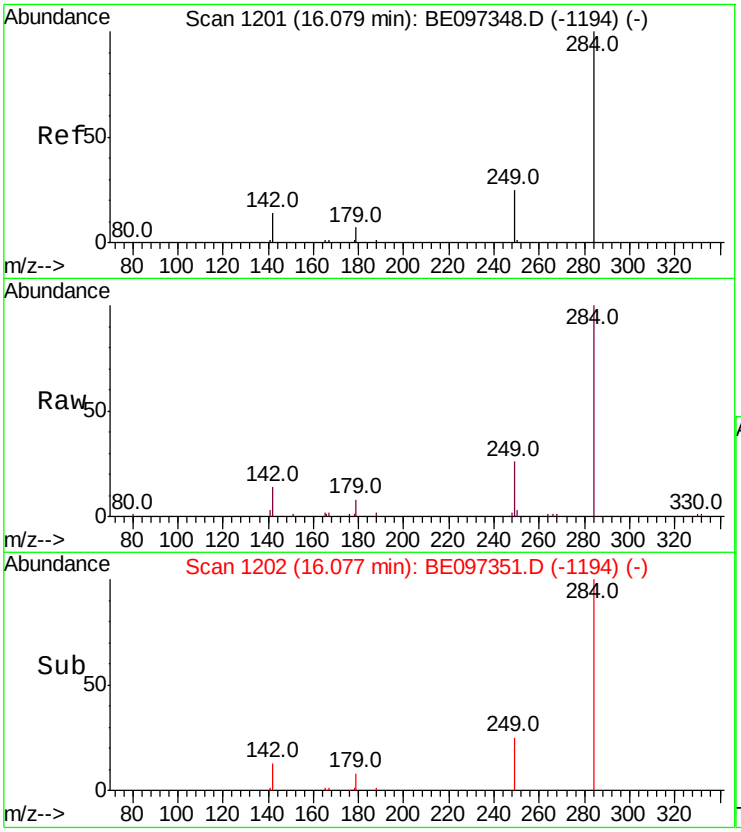


#20
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:248 Resp: 9762

Ion	Ratio	Lower	Upper
248	100		
250	90.9	62.7	94.1
141	77.1	48.2	72.2#



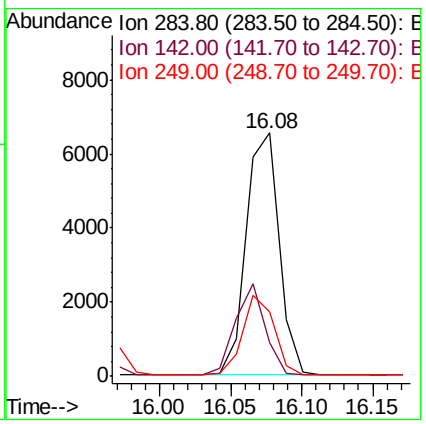


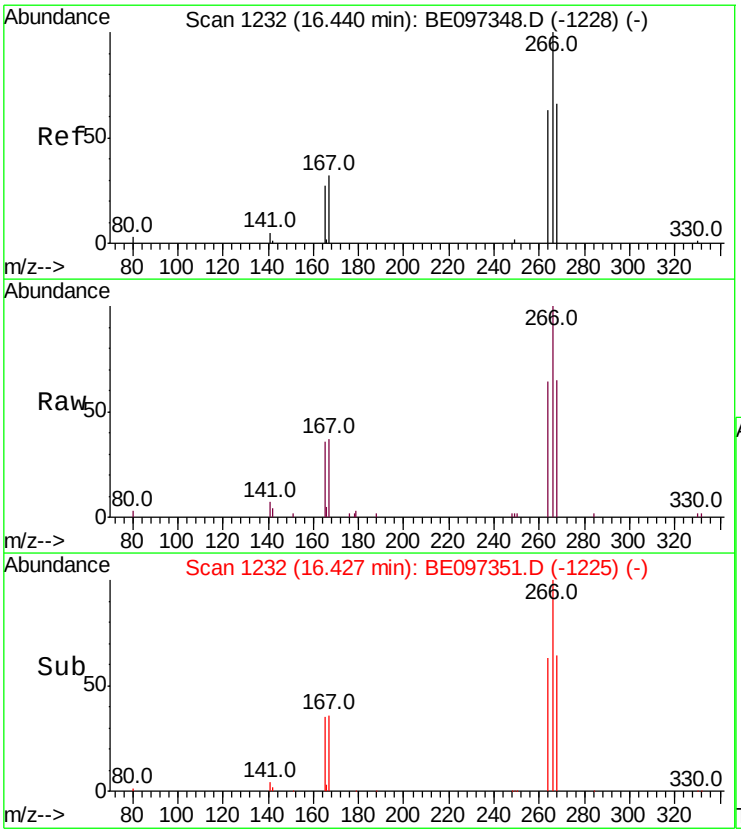
#21
Hexachlorobenzene
Concen: 2.740 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 10468

Ion	Ratio	Lower	Upper
284	100		
142	33.8	22.1	33.1#
249	31.0	34.8	52.2#

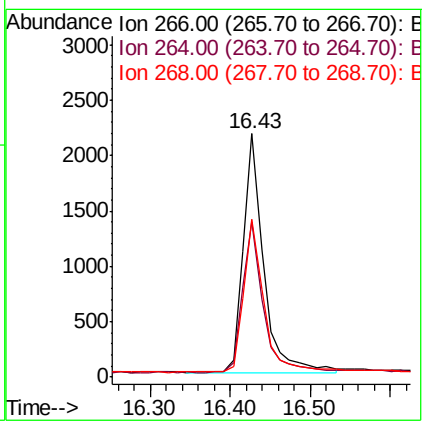


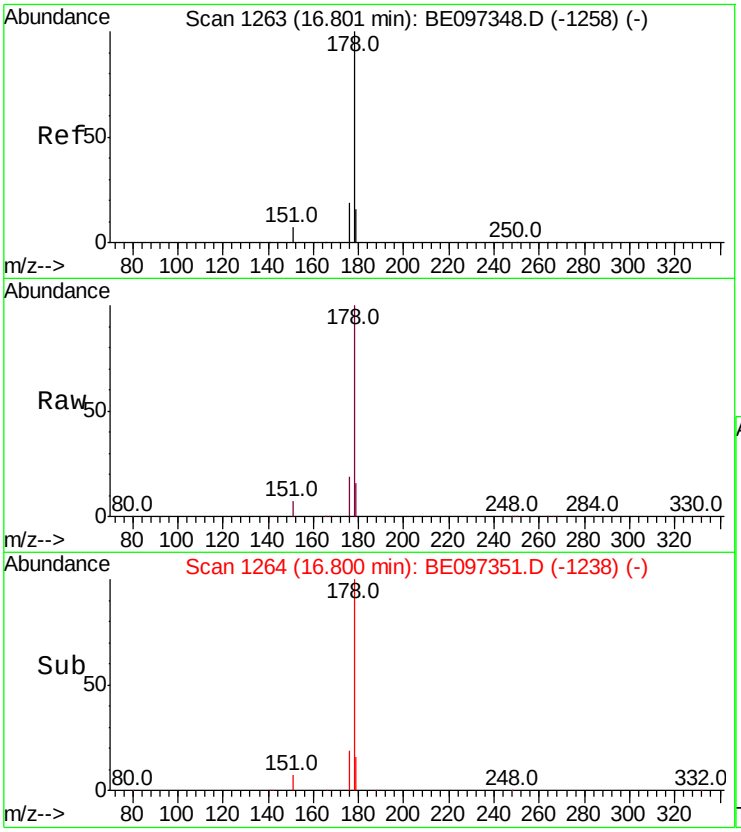


#22
Pentachlorophenol
Concen: 10.090 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:266 Resp: 3783

Ion	Ratio	Lower	Upper
266	100		
264	63.9	72.5	108.7#
268	65.0	73.8	110.6#



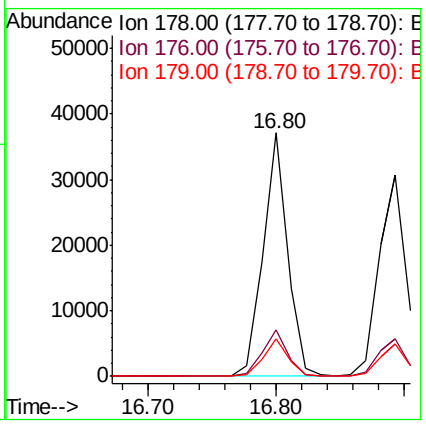


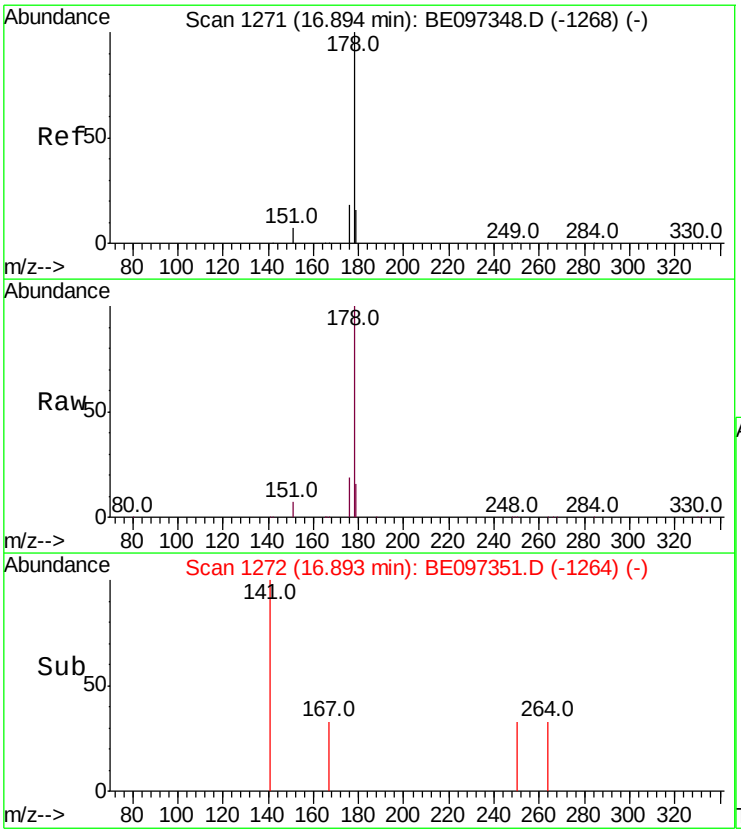
#23
Phenanthrene
Concen: 3.212 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 49408

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.3	11.8	17.6

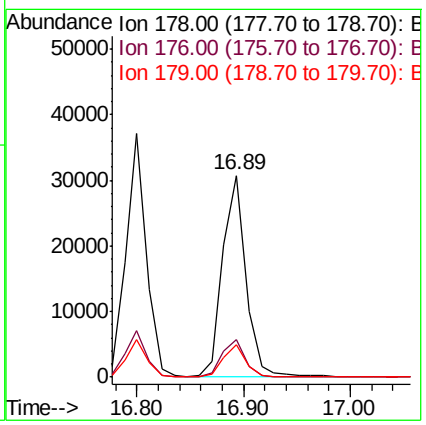


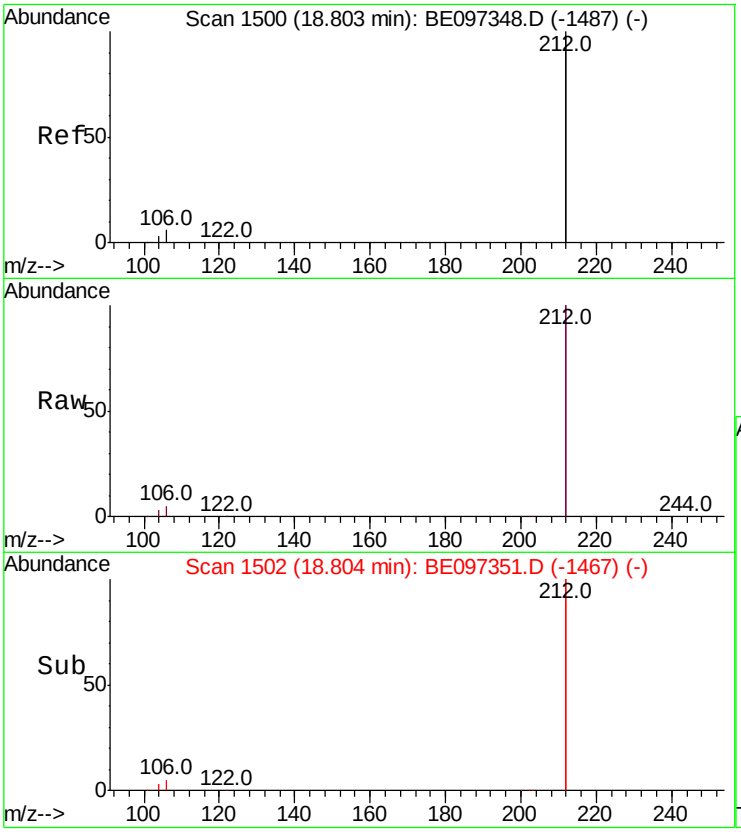


#24
Anthracene
Concen: 3.986 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:178 Resp: 45380

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.4	13.0	19.6



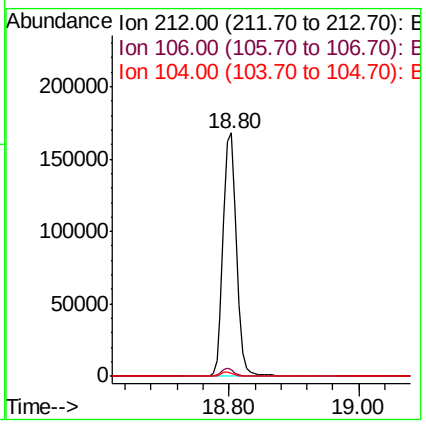


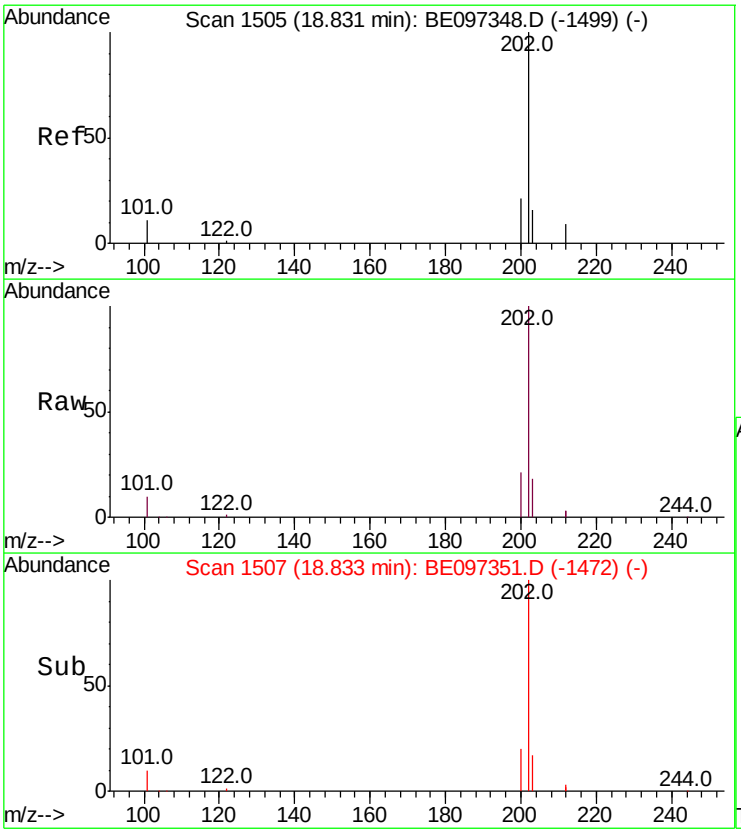
#25
Fluoranthene-d10
Concen: 4.217 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 237327

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4

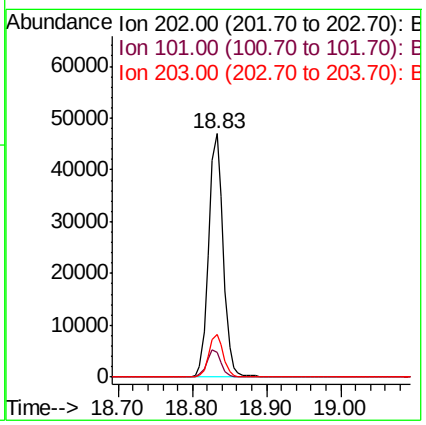


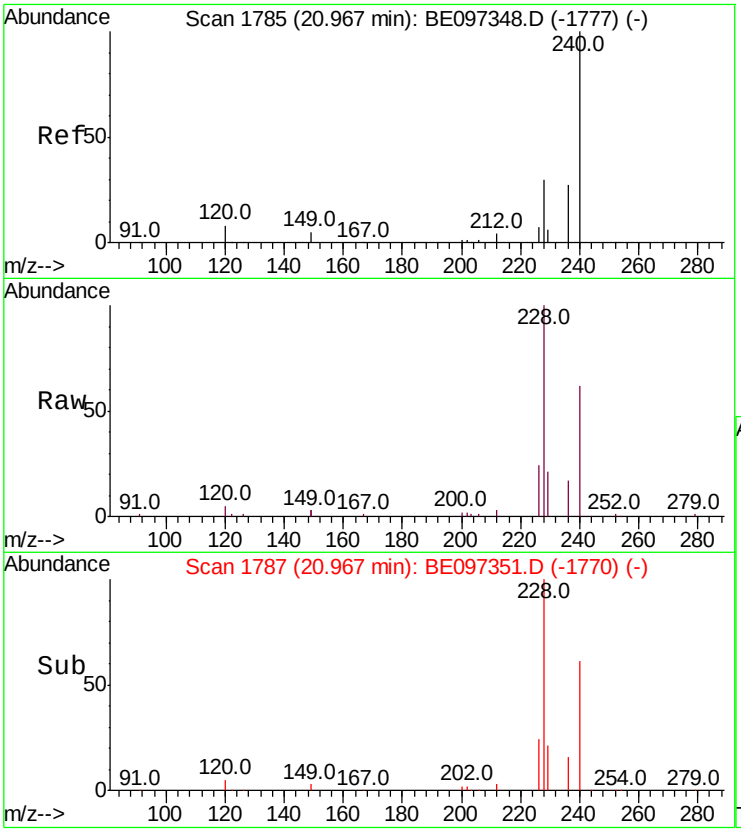


#26
Fluoranthene
Concen: 4.293 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:202 Resp: 63624

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.4	13.7	20.5



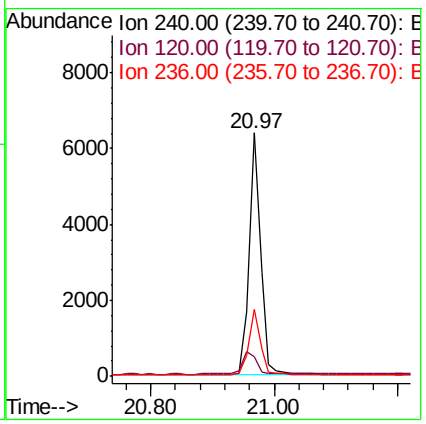


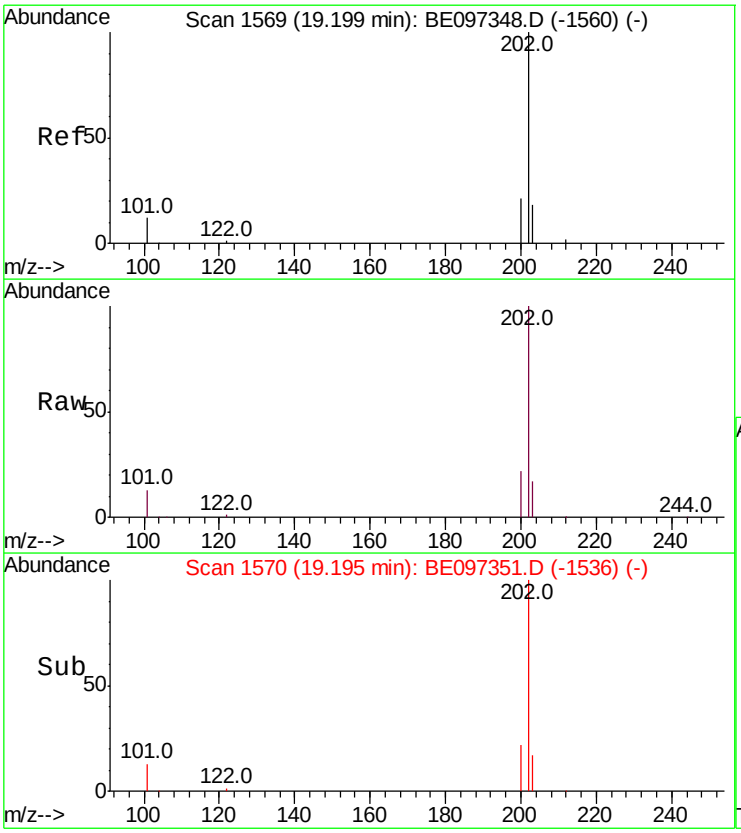
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8242

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

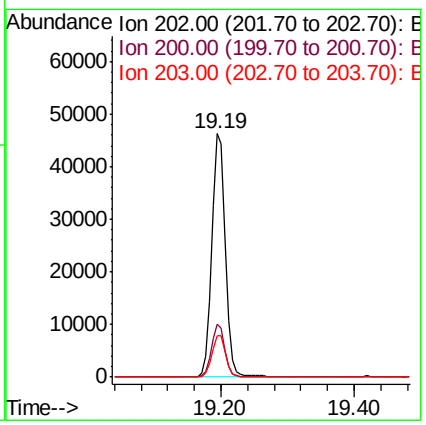


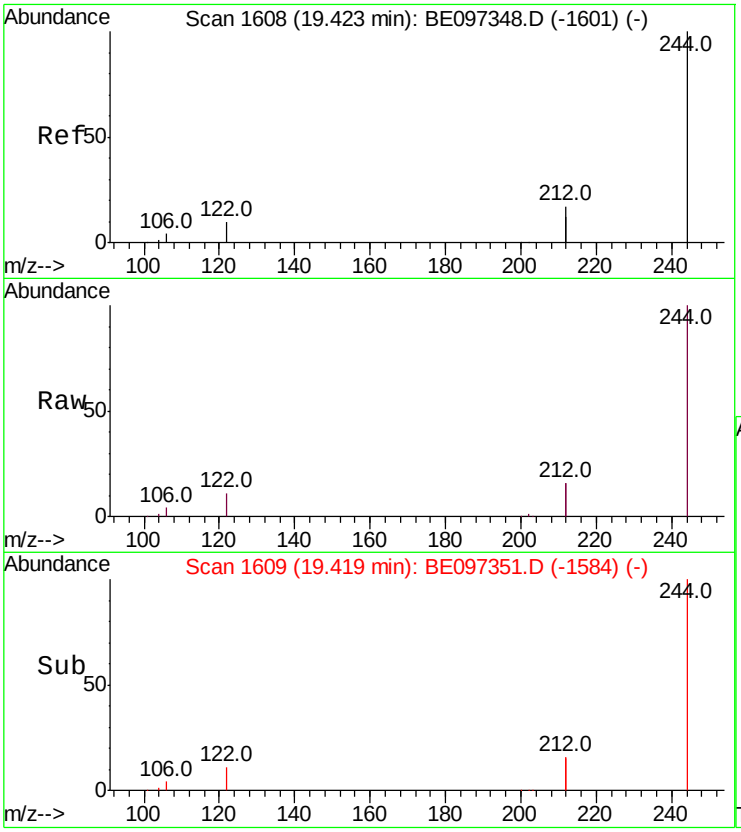


#28
Pyrene
Concen: 2.916 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:202 Resp: 64520

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



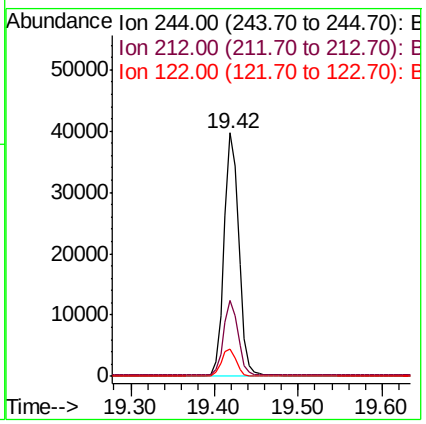


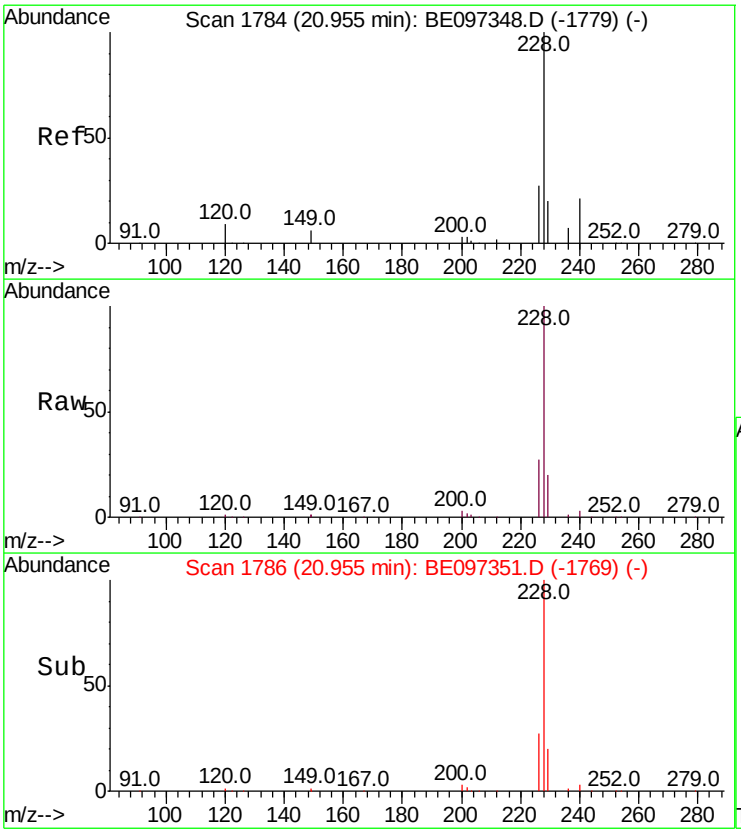
#29
Terphenyl-d14
Concen: 2.943 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 48561

Ion	Ratio	Lower	Upper
244	100		
212	31.1	25.4	38.0
122	11.2	8.1	12.1

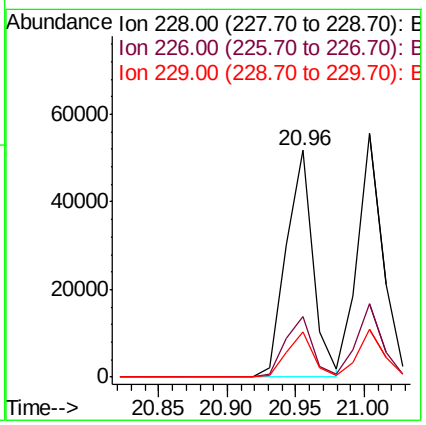


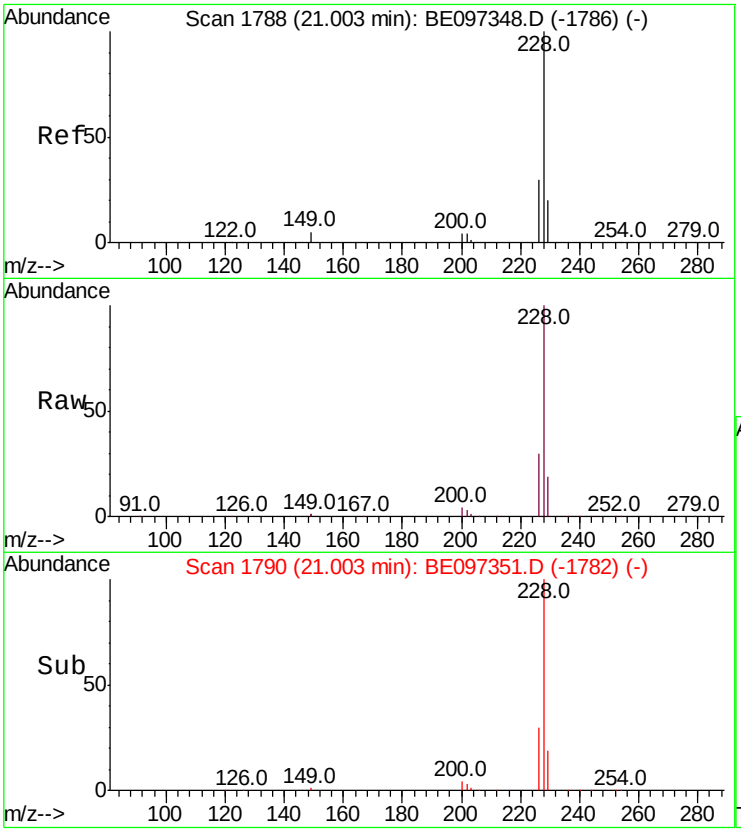


#30
Benzo(a)anthracene
Concen: 3.944 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:228 Resp: 69893

Ion	Ratio	Lower	Upper
228	100		
226	26.6	24.0	36.0
229	20.1	16.0	24.0



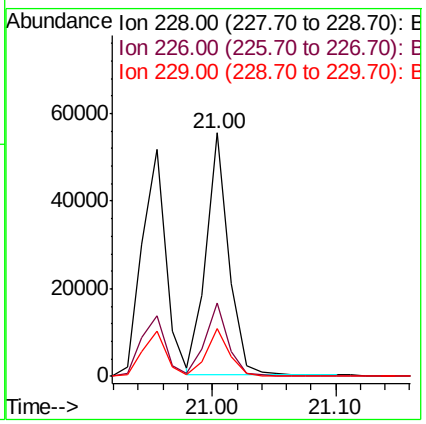


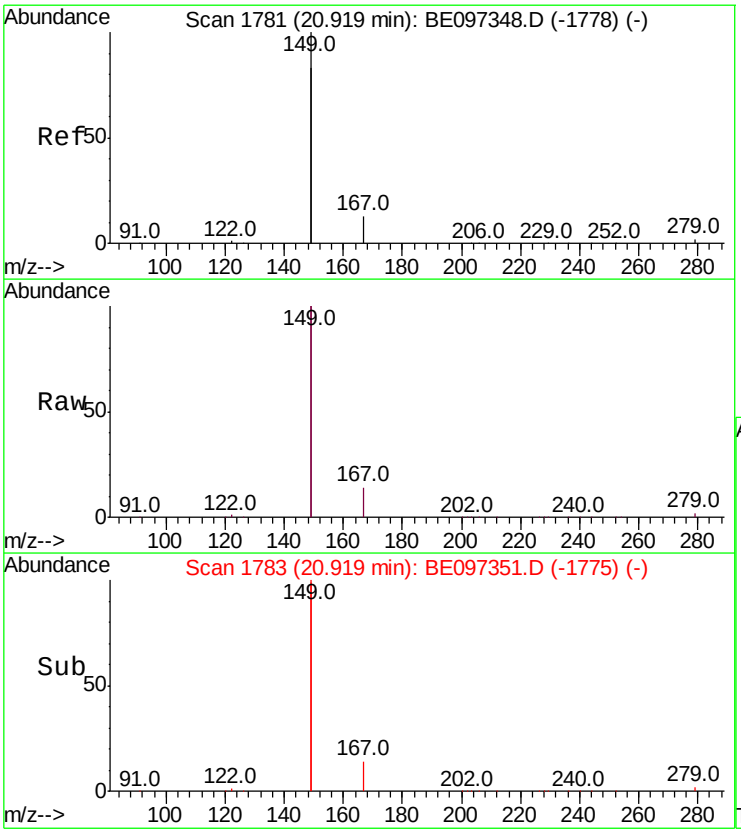
#31
Chrysene
Concen: 3.060 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 71073

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.5	16.0	24.0

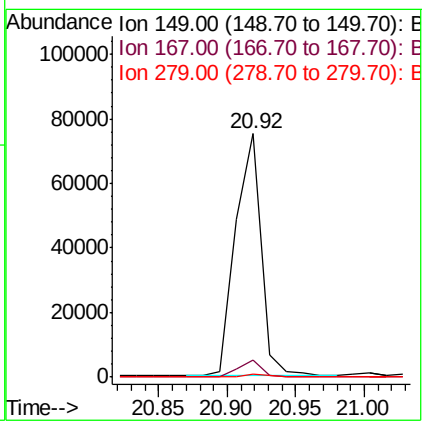


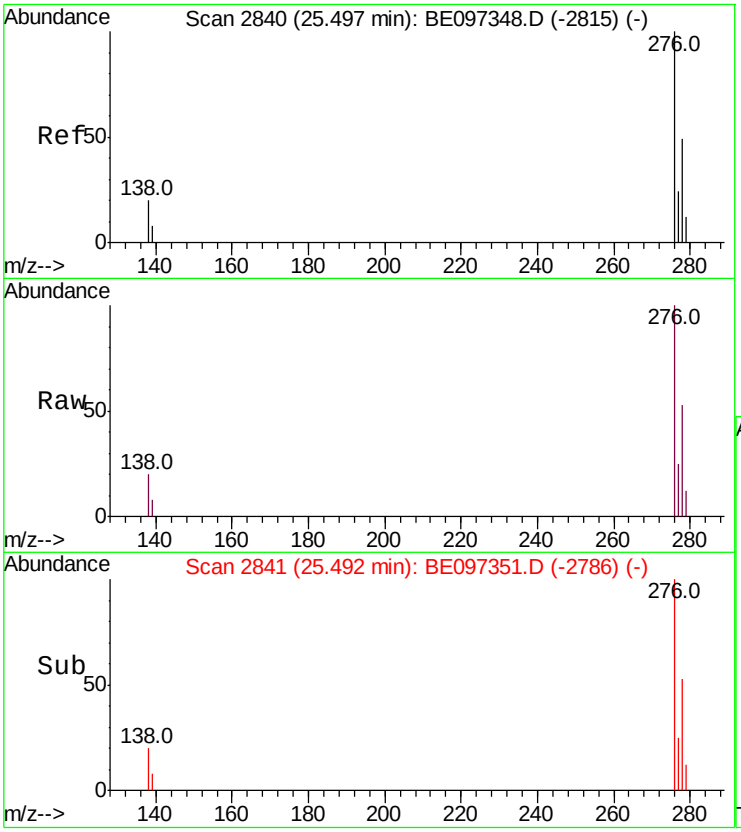


#32
Bis(2-ethylhexyl)phthalate
Concen: 9.000 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:149 Resp: 97081

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



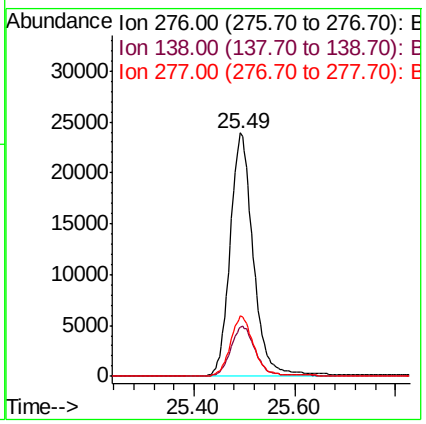


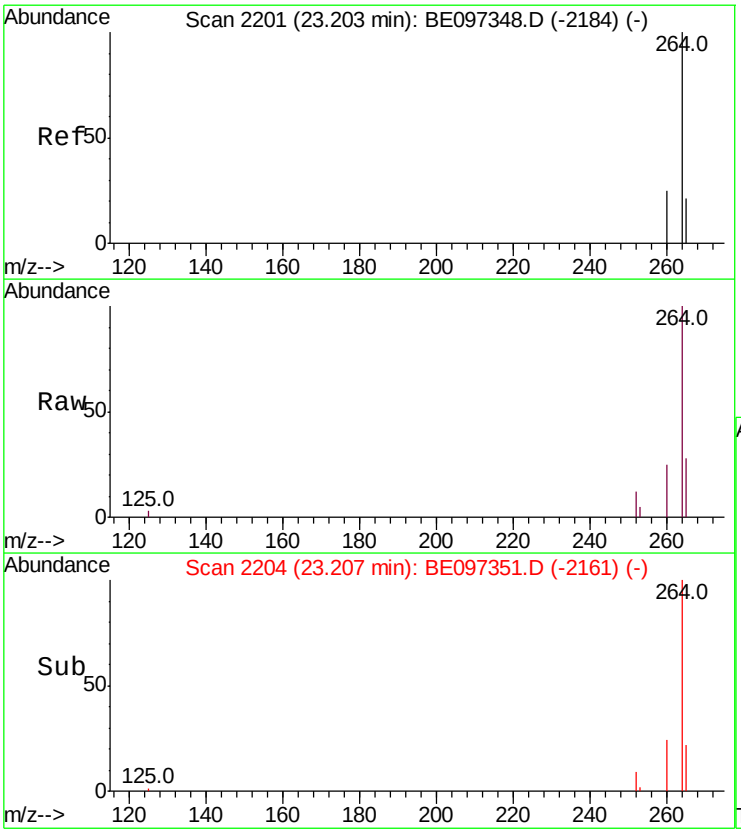
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.151 ng
RT: 25.49 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 76038

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.9	19.9	29.9

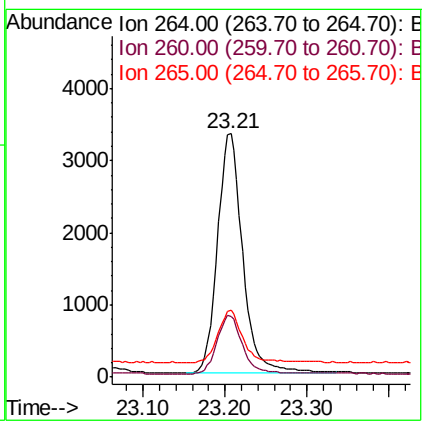


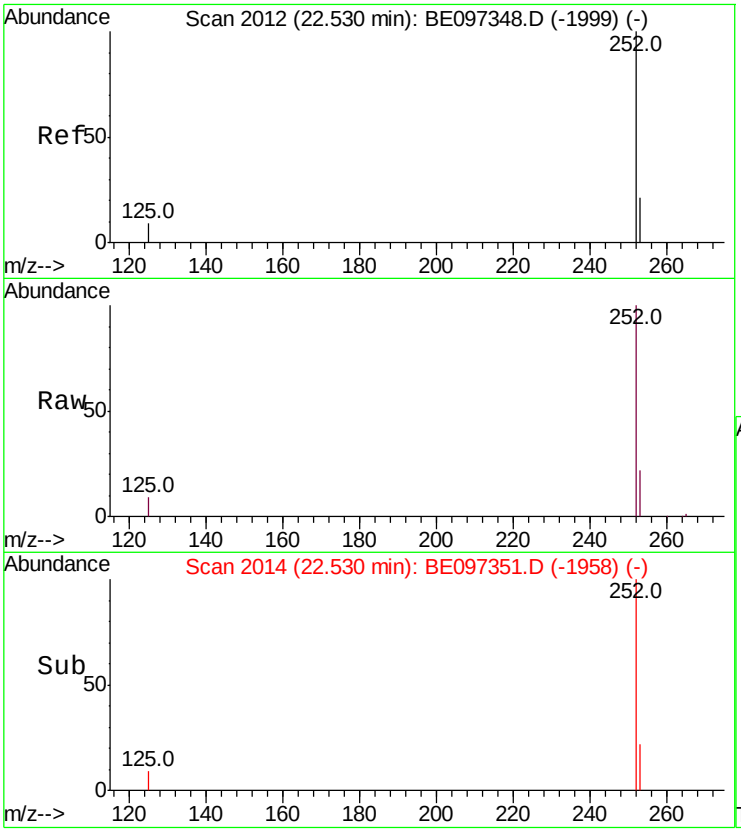


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:264 Resp: 7121

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	27.6	22.8	34.2



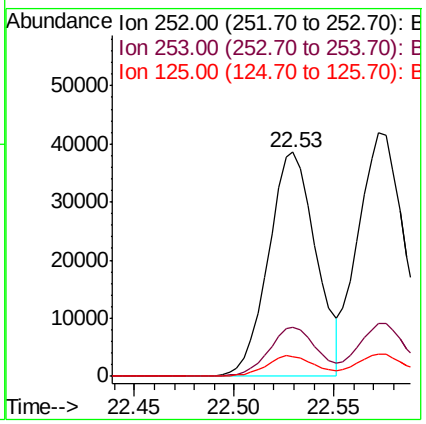


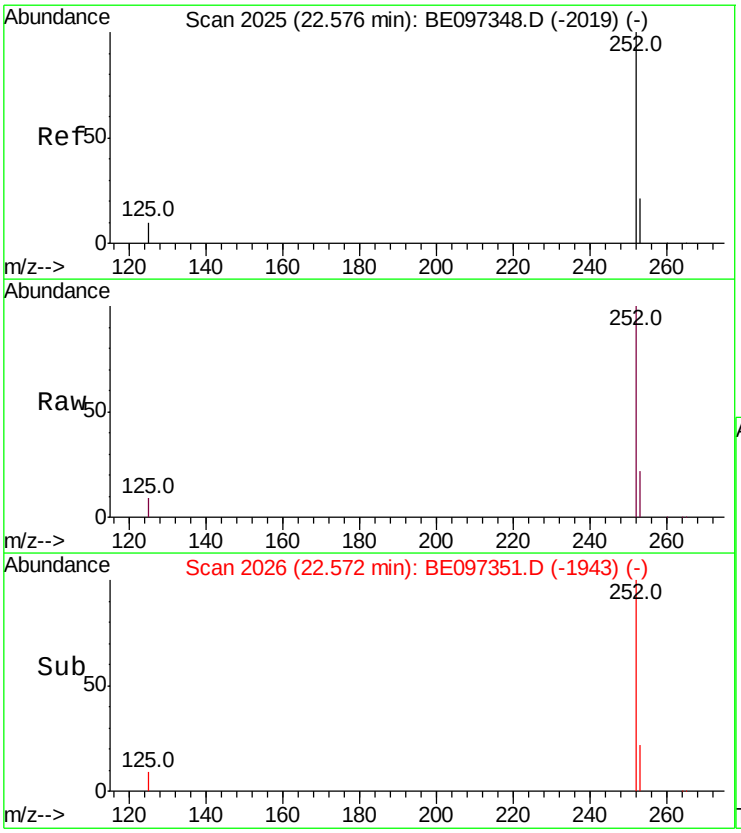
#35
Benzo(b)fluoranthene
Concen: 3.390 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 63661

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.0	30.0
125	9.0	16.0	24.0#

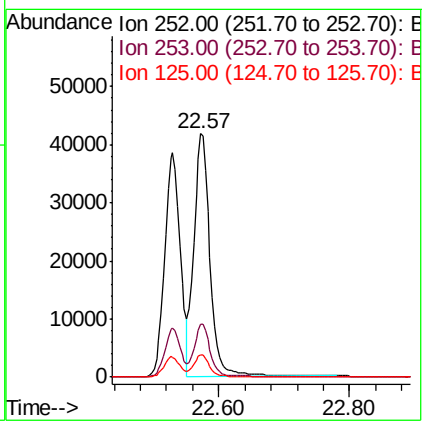


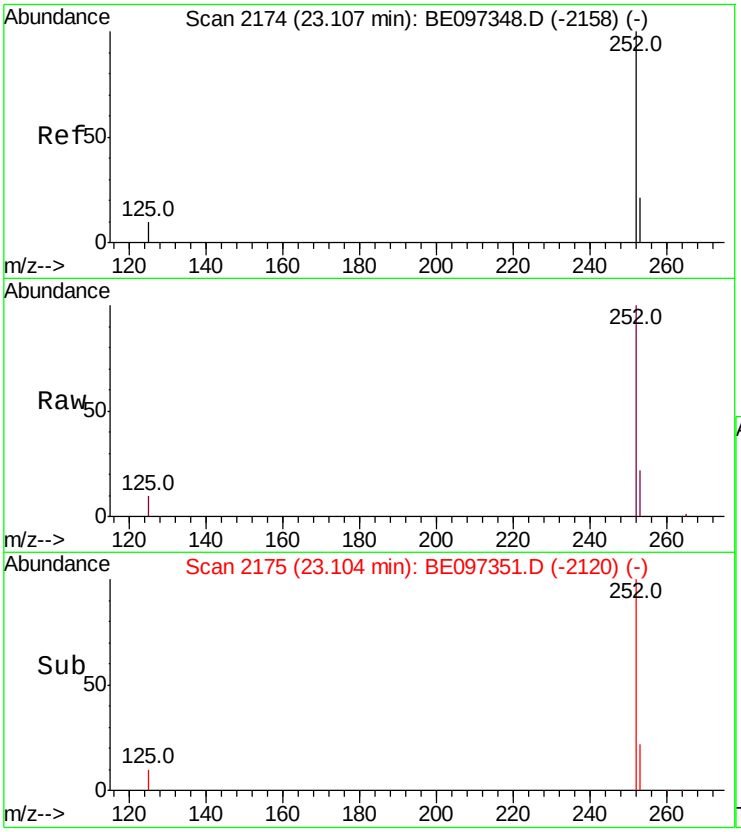


#36
Benzo(k)fluoranthene
Concen: 2.722 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:252 Resp: 71727

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.0	24.0
125	9.2	8.0	12.0



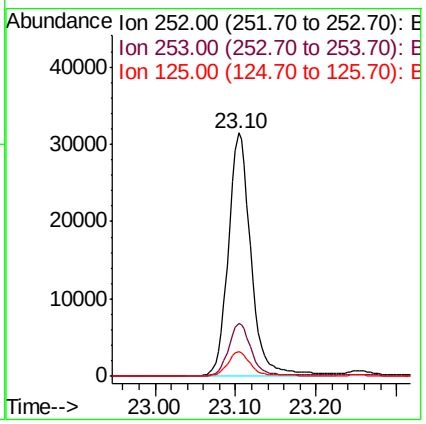


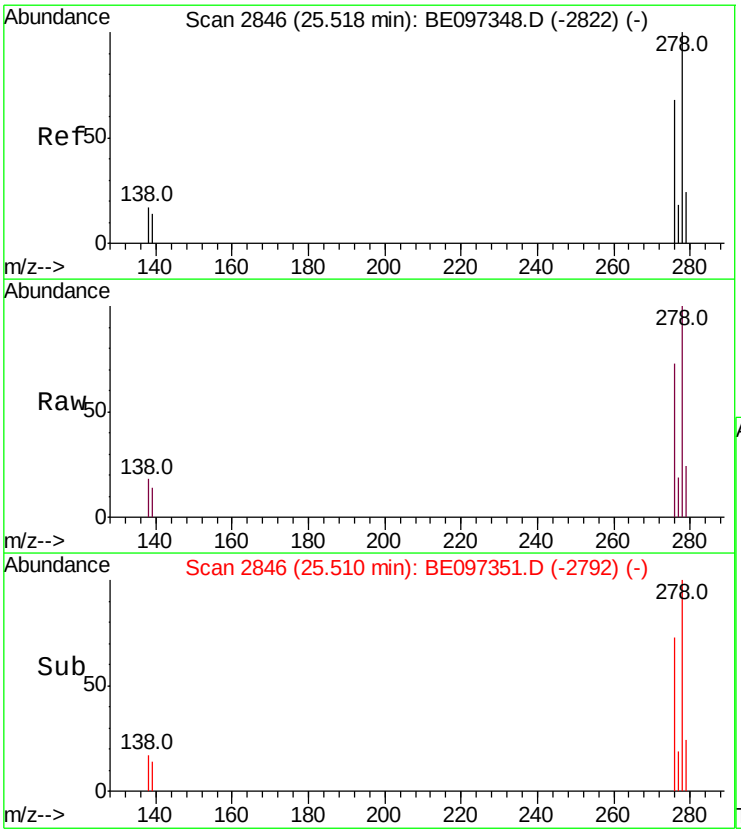
#37
Benzo(a)pyrene
Concen: 3.555 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 60773

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.0	24.0
125	10.2	12.0	18.0#

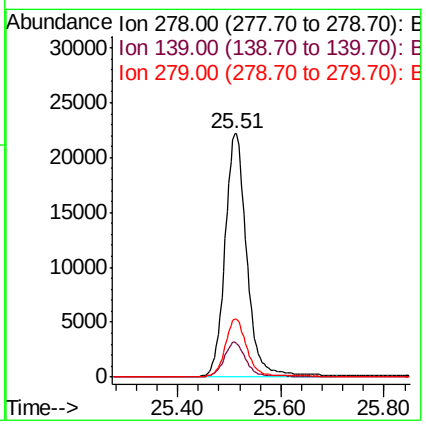


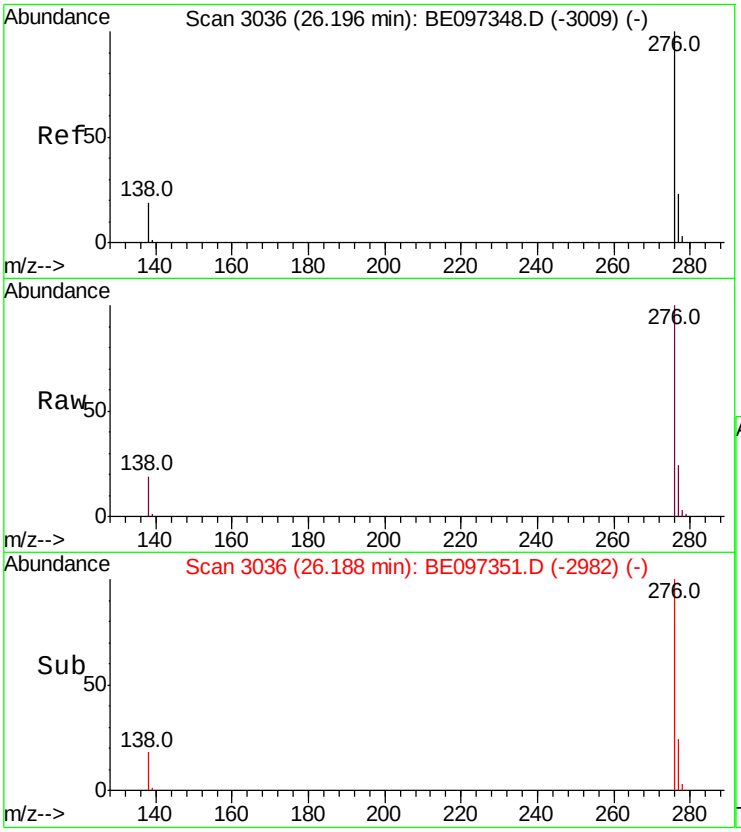


#38
Dibenzo(a,h)anthracene
Concen: 4.425 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Tgt Ion:278 Resp: 64670

Ion	Ratio	Lower	Upper
278	100		
139	14.2	16.0	24.0#
279	23.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 4.340 ng
RT: 26.19 min Scan# 3036
Delta R.T. -0.01 min
Lab File: BE097351.D
Acq: 22 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 63935

Ion	Ratio	Lower	Upper
276	100		
277	24.0	16.0	24.0
138	18.7	20.0	30.0#