Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
Data File : BE097983.D
Acq On : 18 Oct 2018 18:36
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 01:08:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2250	0.40	ng		-0.01
7) Naphthalene-d8	10.68	136	11058	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	7617	0.40	ng		-0.02
19) Phenanthrene-d10	17.29	188	18778	0.40	ng		-0.01
27) Chrysene-d12	21.47	240	21140	0.40	ng		-0.01
34) Perylene-d12	24.03	264	20868	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	2972	0.42	ng		-0.01
5) Phenol-d6	7.04	99	4768	0.45	ng		-0.01
8) Nitrobenzene-d5	9.03	82	4347	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8079	0.44	ng		-0.02
14) 2,4,6-Tribromophenol	16.03	330	1800	0.44	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	12210	0.39	ng		-0.02
25) Fluoranthene-d10	19.32	212	103097	0.41	ng		-0.01
29) Terphenyl-d14	19.92	244	20940	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1448	0.369	ng		96
3) n-Nitrosodimethylamine	3.69	42	1550	0.354	ng	#	96
6) bis(2-Chloroethyl)ether	7.30	93	3558	0.399	ng		97
9) Naphthalene	10.73	128	47274	0.429	ng		99
10) Hexachlorobutadiene	11.02	225	2650	0.447	ng		96
12) 2-Methylnaphthalene	12.35	142	8392	0.445	ng		96
16) Acenaphthylene	14.27	152	15094	0.429	ng		100
17) Acenaphthene	14.61	154	9122	0.424	ng		97
18) Fluorene	15.59	166	12169	0.411	ng		100
20) 4-Bromophenyl-phenylether	16.49	248	4578	0.446	ng	#	80
21) Hexachlorobenzene	16.60	284	4743	0.470	ng		99
22) Pentachlorophenol	16.95	266	1896	0.699	ng		97
23) Phenanthrene	17.34	178	19975	0.419	ng		99
24) Anthracene	17.42	178	19332	0.429	ng		99
26) Fluoranthene	19.35	202	25153	0.402	ng		98
28) Pyrene	19.71	202	26786	0.439	ng		100
30) Benzo(a)anthracene	21.46	228	26853	0.414	ng		98
31) Chrysene	21.51	228	26354	0.429	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	72083	0.508	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.72	276	28417	0.427	ng		99
35) Benzo(b)fluoranthene	23.25	252	25058	0.417	ng	#	84
36) Benzo(k)fluoranthene	23.30	252	25773	0.412	ng	#	85
37) Benzo(a)pyrene	23.91	252	24371	0.416	ng	#	83
38) Dibenzo(a,h)anthracene	26.75	278	23778	0.415	ng	#	87
39) Benzo(g,h,i)perylene	27.55	276	23705	0.404	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
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Acq On : 18 Oct 2018 18:36
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Oct 19 01:08:56 2018
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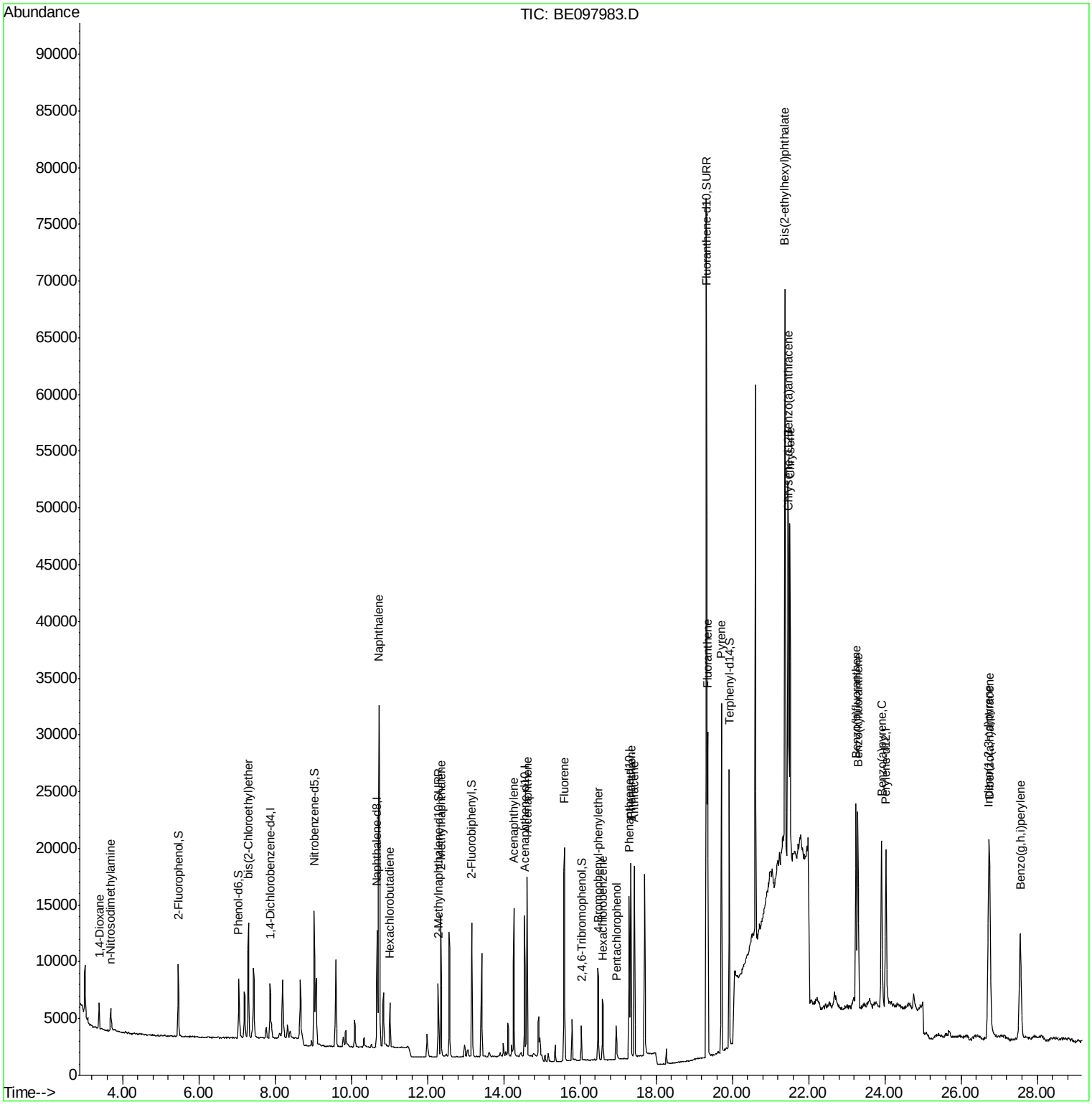
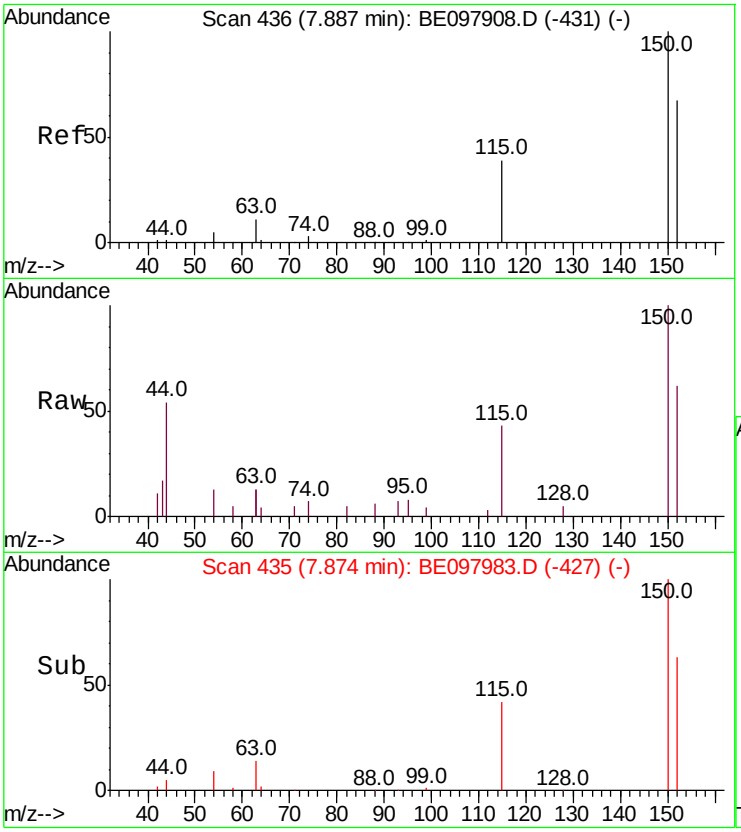
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration



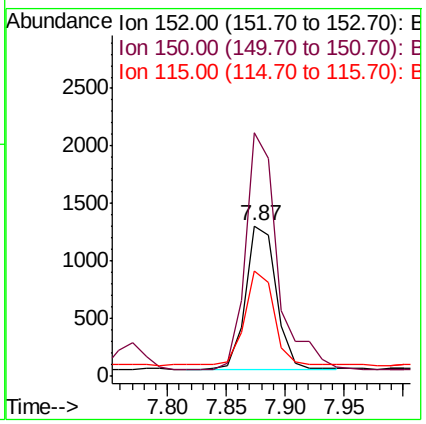


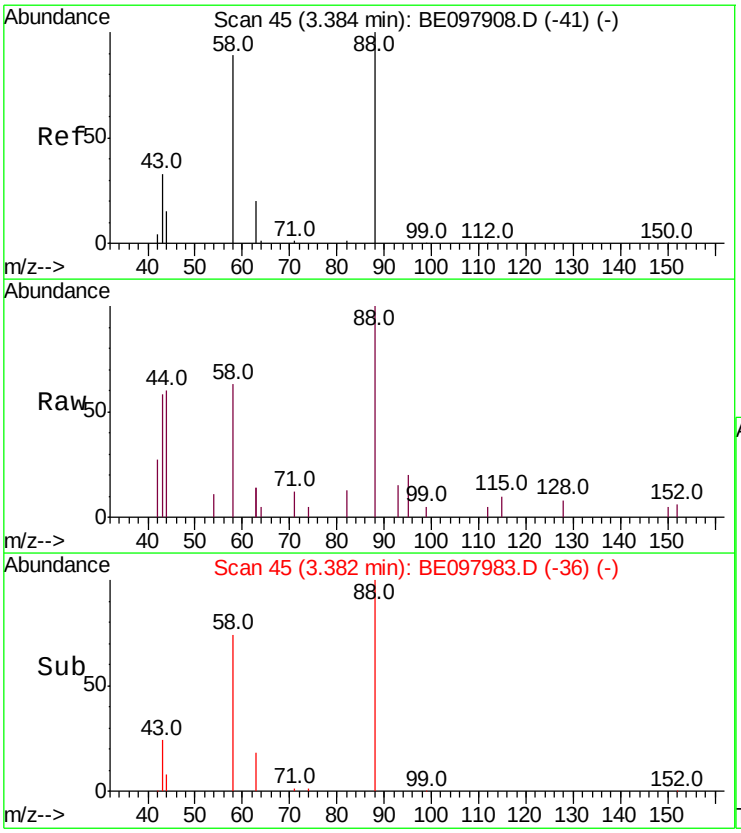
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2250

Ion	Ratio	Lower	Upper
152	100		
150	162.1	118.2	177.4
115	70.2	50.9	76.3

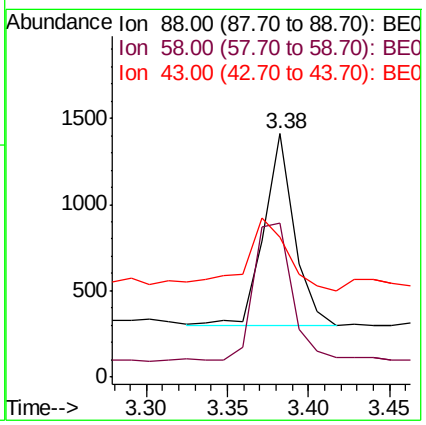


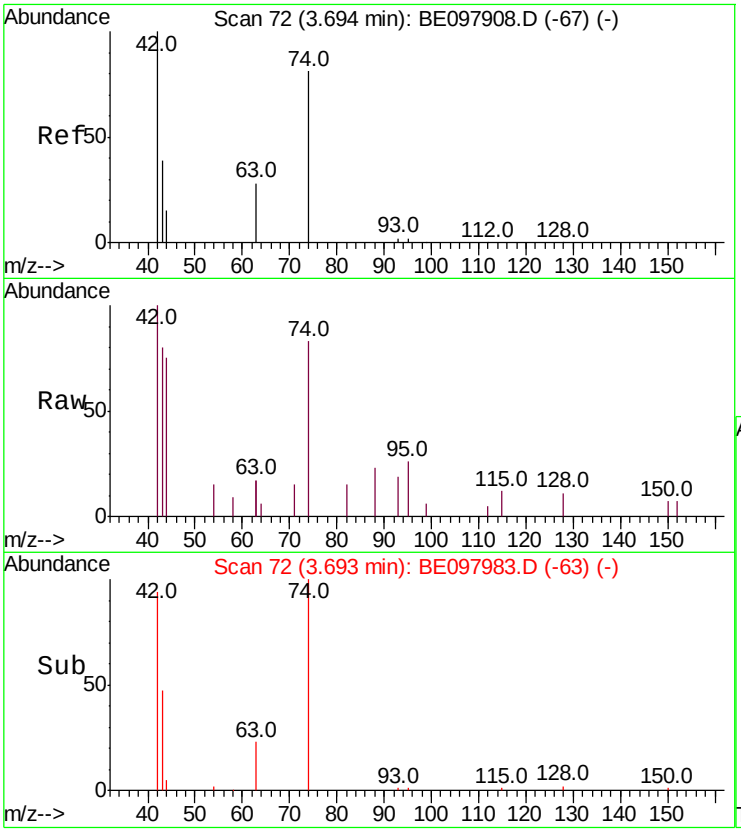


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion: 88 Resp: 1448

Ion	Ratio	Lower	Upper
88	100		
58	92.3	73.2	109.8
43	52.9	36.9	55.3



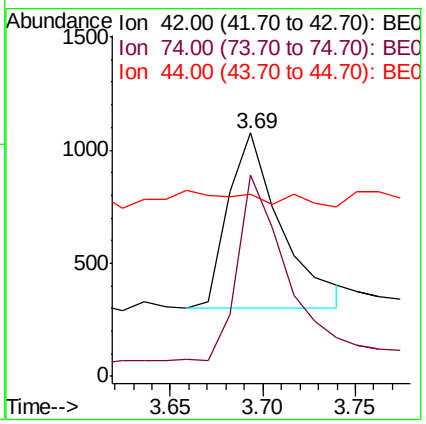


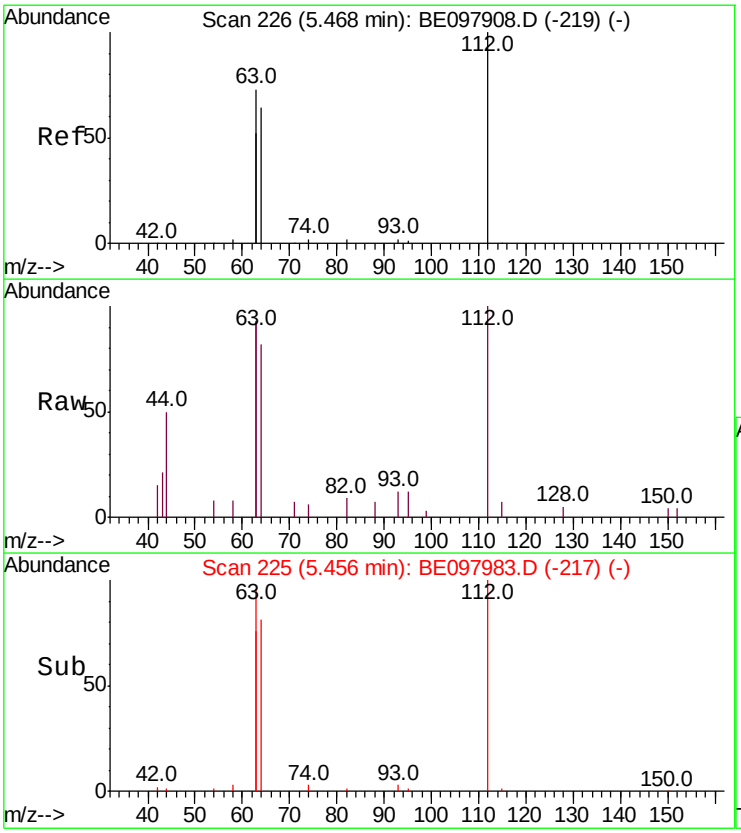
#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1550

Ion	Ratio	Lower	Upper
42	100		
74	98.4	77.6	116.4
44	0.0	7.6	11.4#

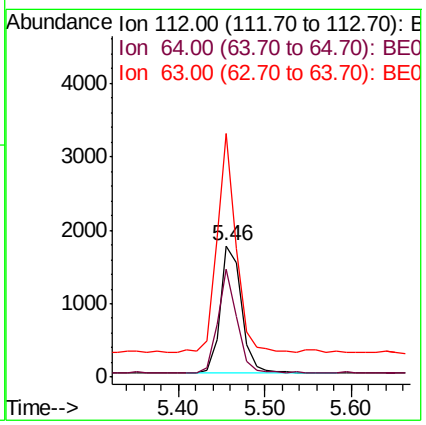


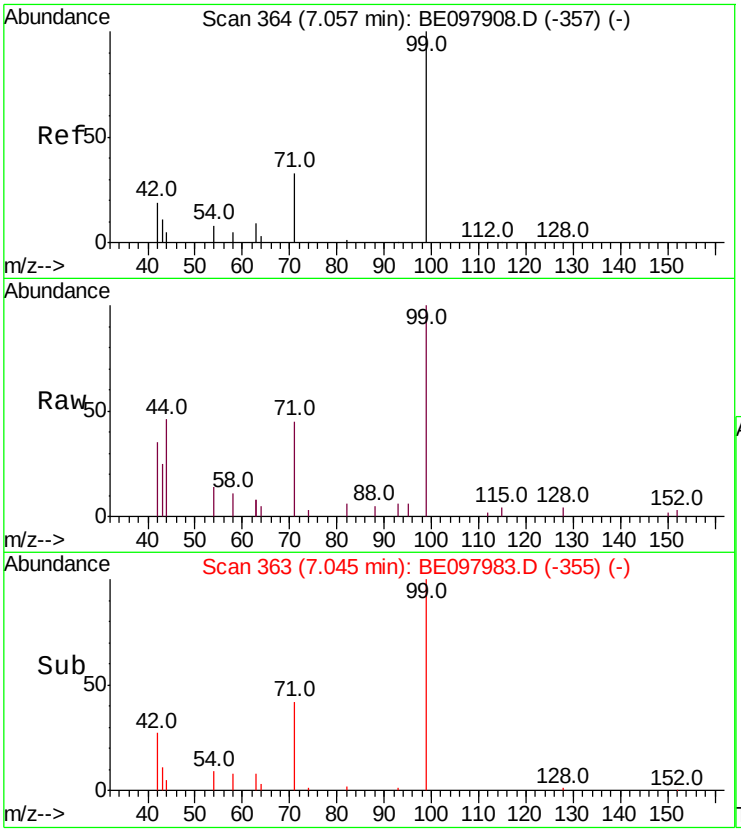


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:112 Resp: 2972

Ion	Ratio	Lower	Upper
112	100		
64	73.5	58.9	88.3
63	155.9	120.3	180.5



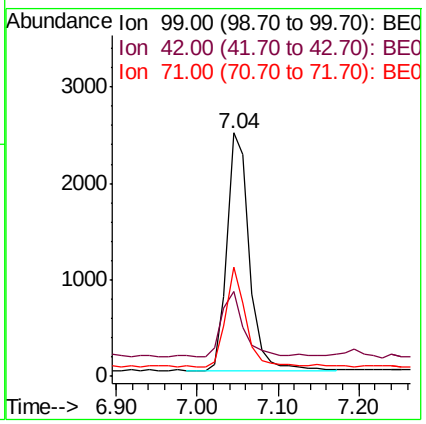


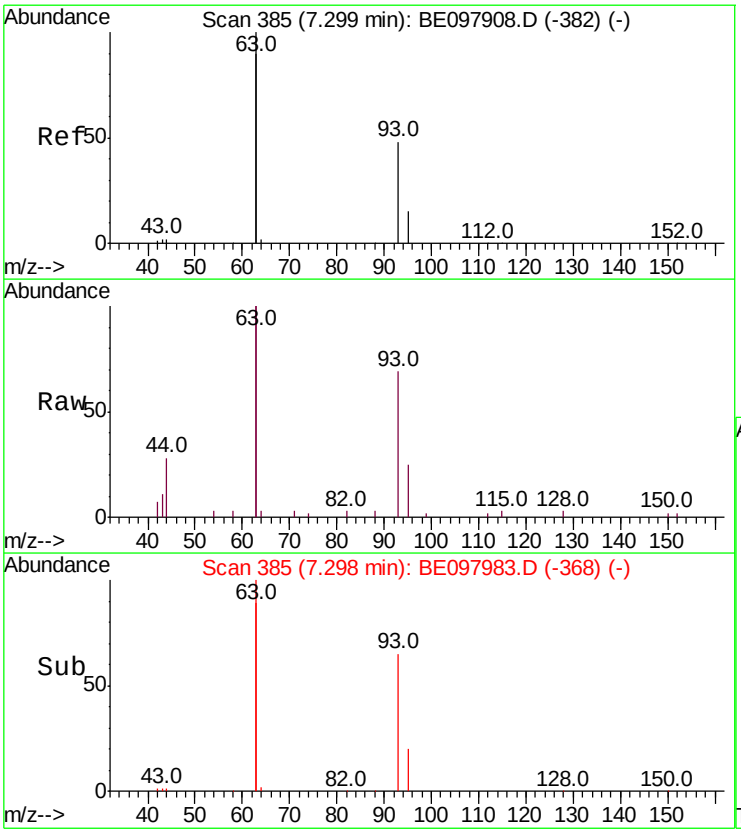
#5
Phenol-d6
Concen: 0.455 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4768

Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.9	29.9
71	36.9	27.8	41.8

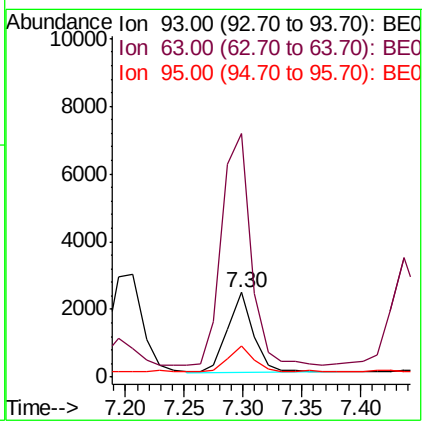


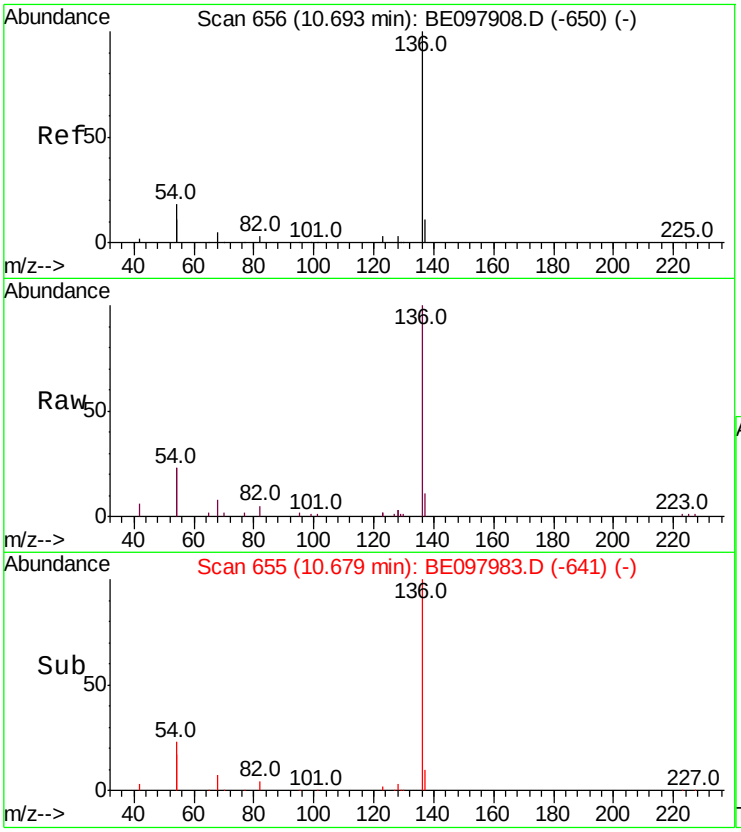


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion: 93 Resp: 3558

Ion	Ratio	Lower	Upper
93	100		
63	330.0	259.0	388.4
95	31.3	27.8	41.8



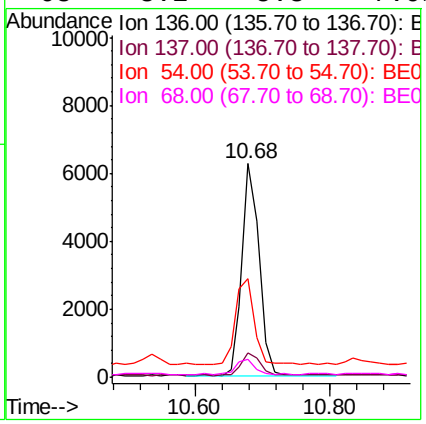


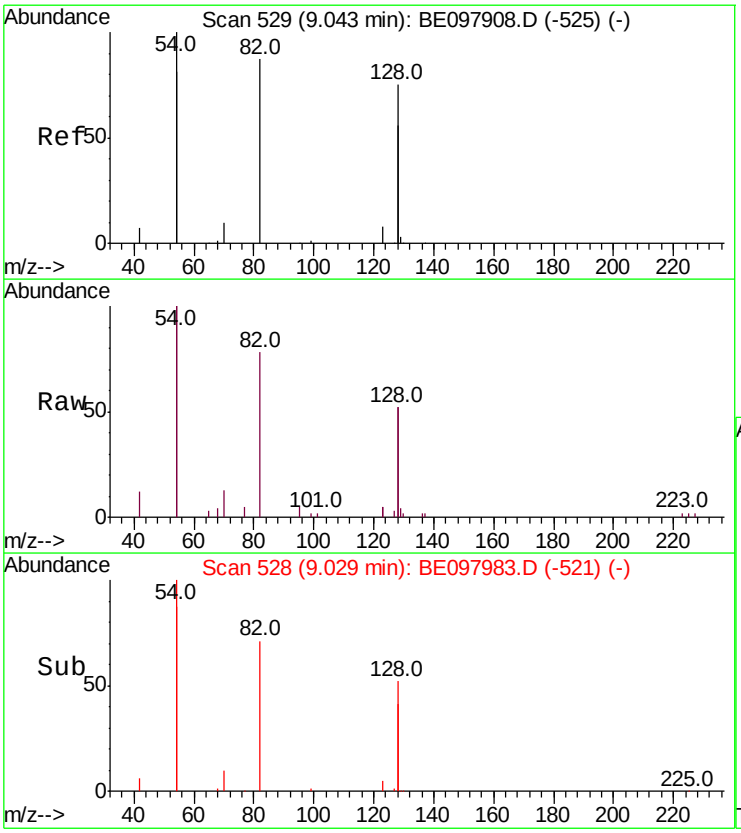
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11058

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	46.2	27.7	41.5#
68	8.2	5.3	7.9#

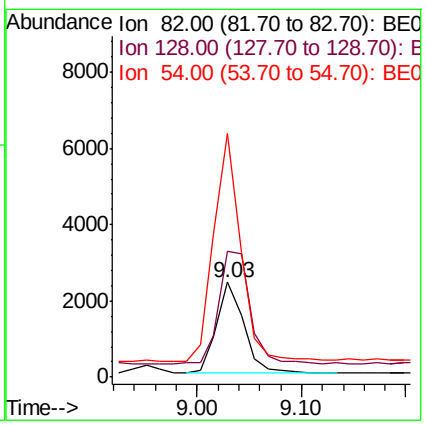


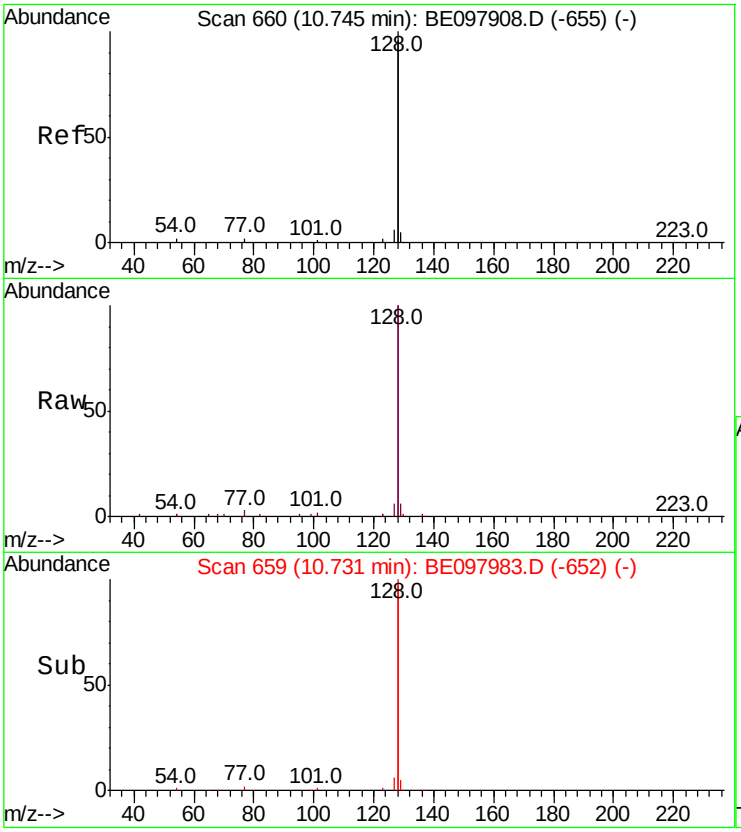


#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion: 82 Resp: 4347

Ion	Ratio	Lower	Upper
82	100		
128	132.5	129.9	194.9
54	256.1	174.0	261.0



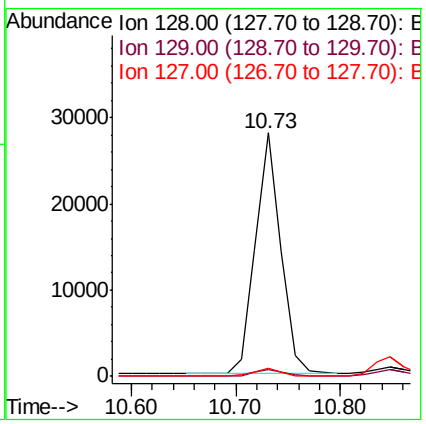


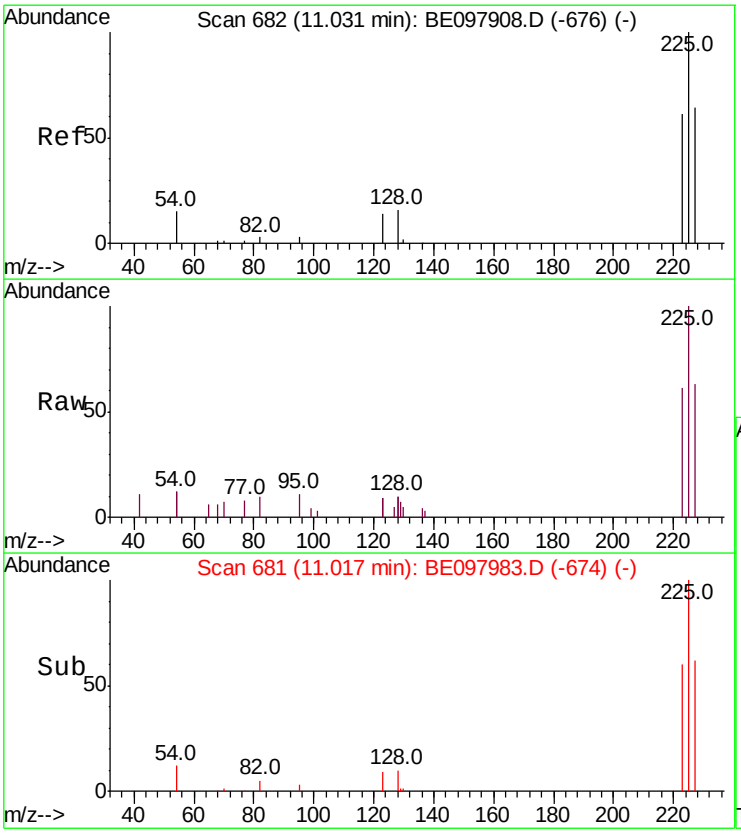
#9
Naphthalene
Concen: 0.429 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 47274

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.2	2.8	4.2

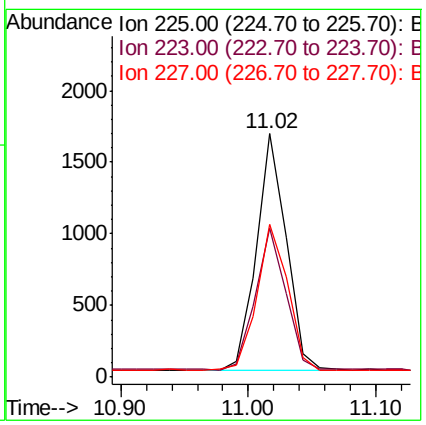


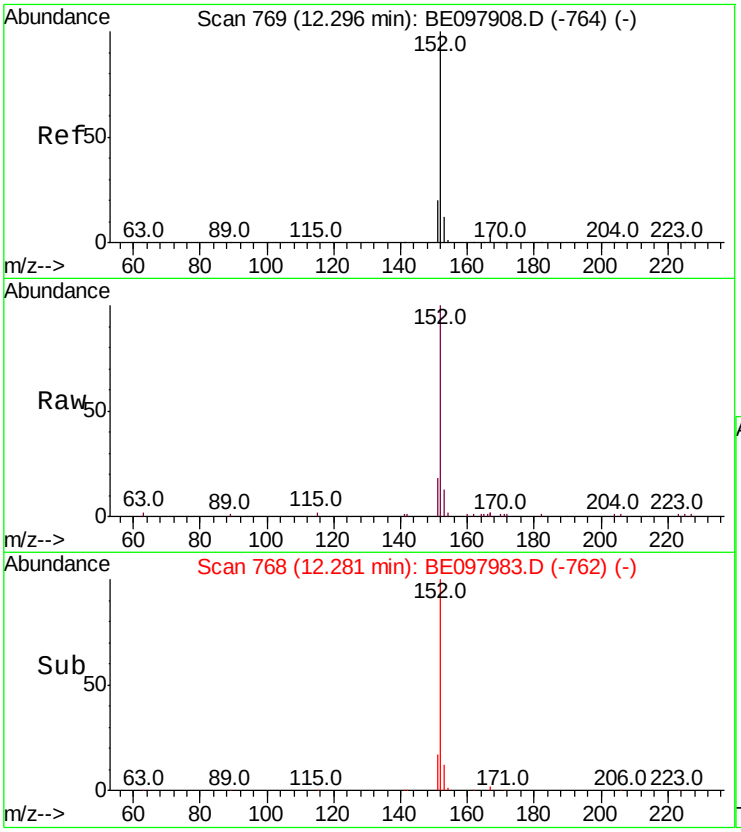


#10
Hexachlorobutadiene
Concen: 0.447 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:225 Resp: 2650

Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.8	77.8
227	63.9	53.0	79.6



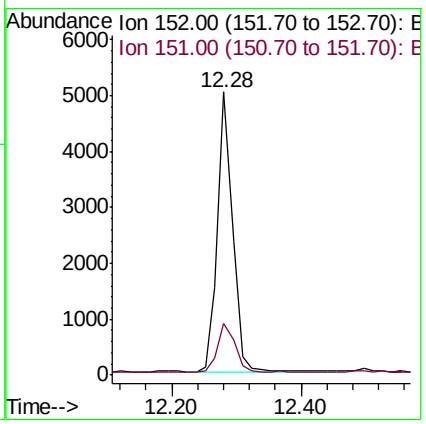


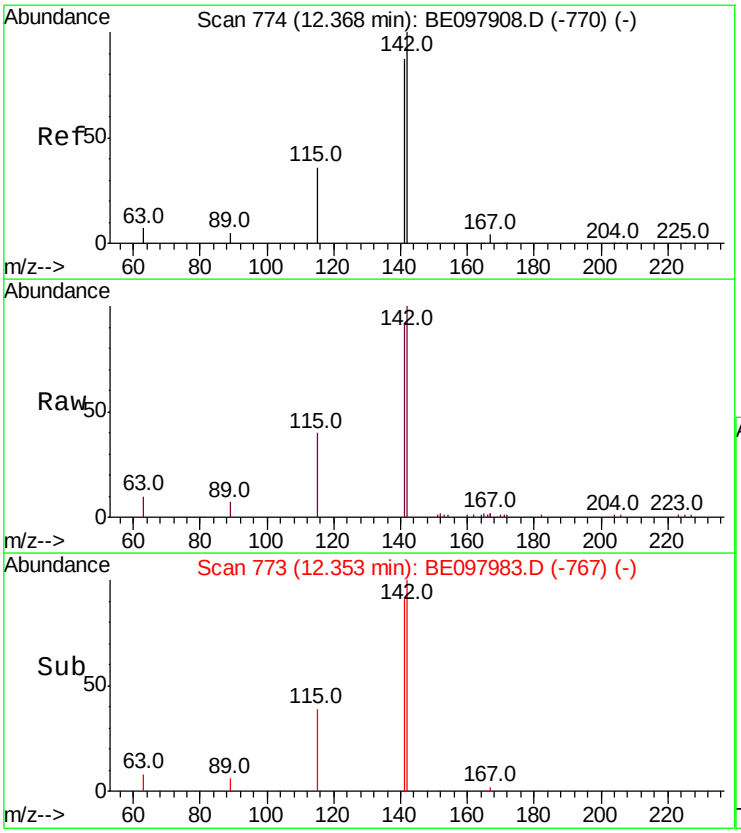
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8079

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4

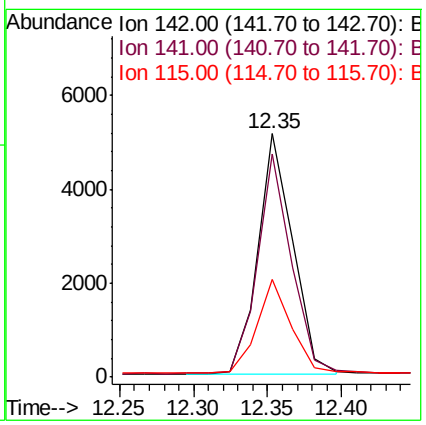


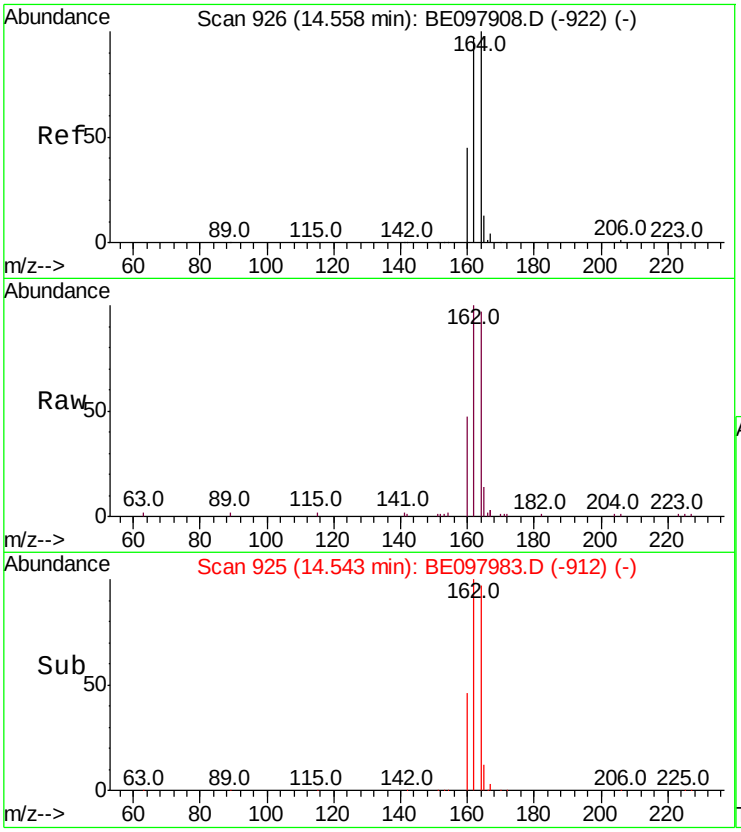


#12
2-Methylnaphthalene
Concen: 0.445 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:142 Resp: 8392

Ion	Ratio	Lower	Upper
142	100		
141	91.6	69.8	104.6
115	40.4	30.5	45.7



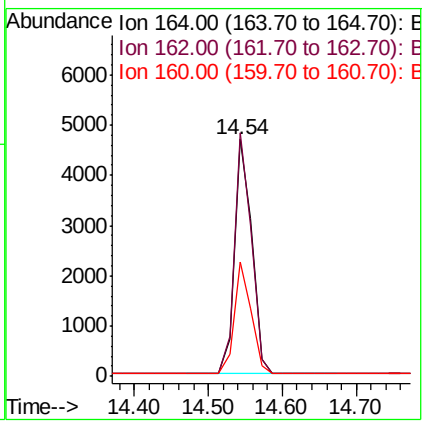


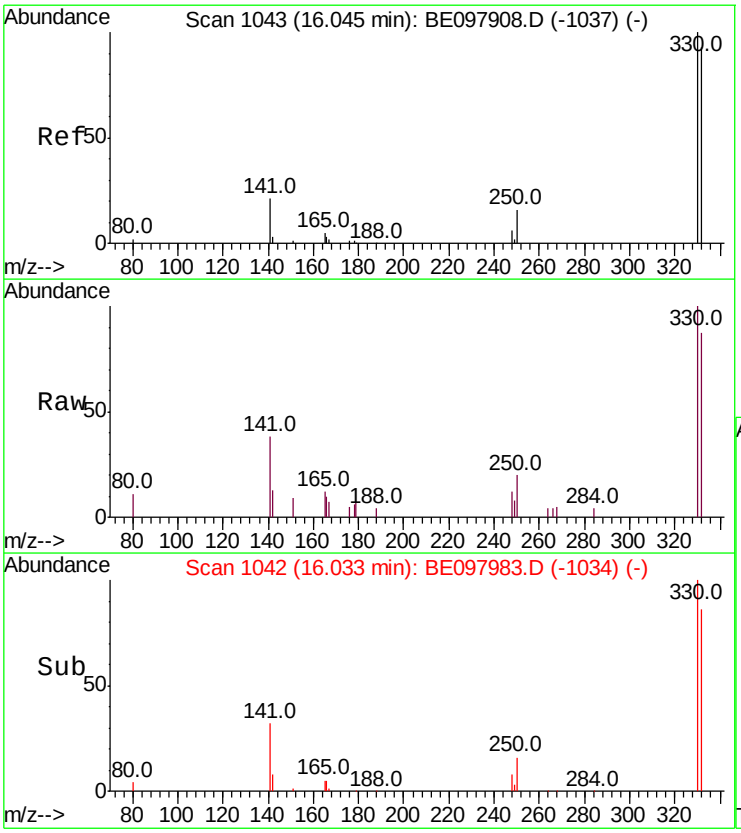
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 7617

Ion	Ratio	Lower	Upper
164	100		
162	102.7	77.4	116.2
160	48.0	36.5	54.7

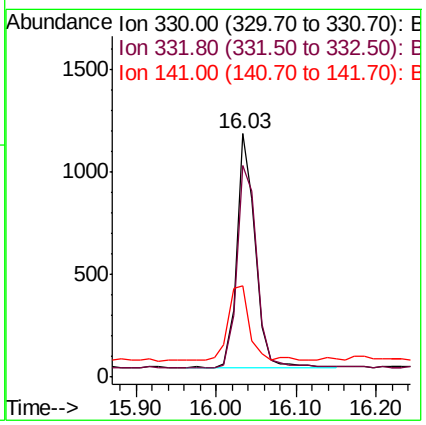


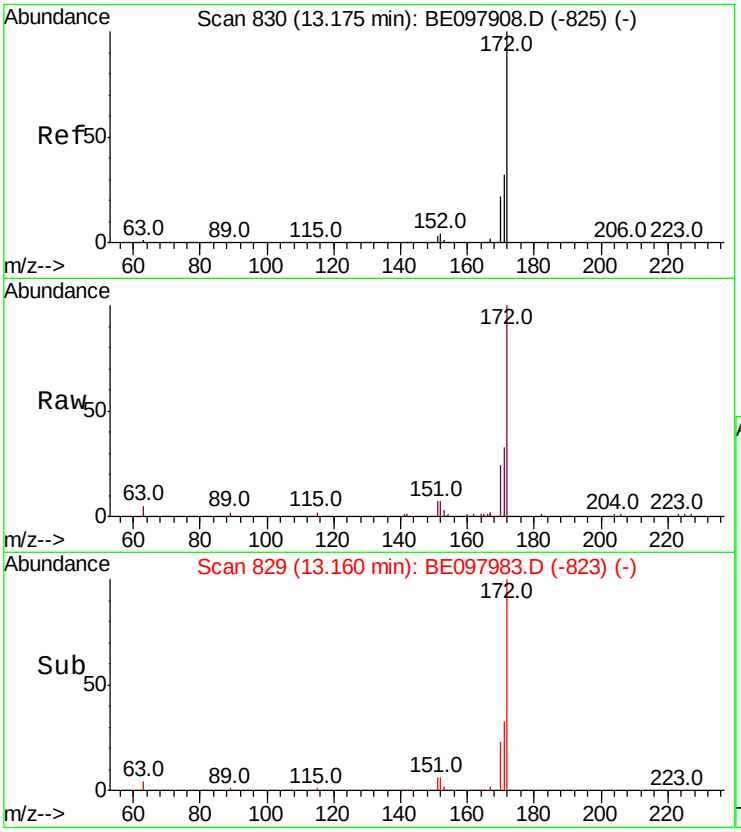


#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:330 Resp: 1800

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.5	114.7
141	38.2	31.8	47.6



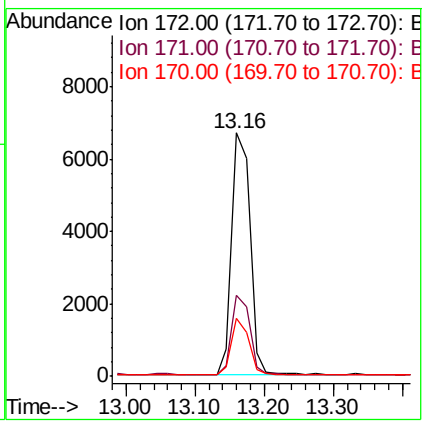


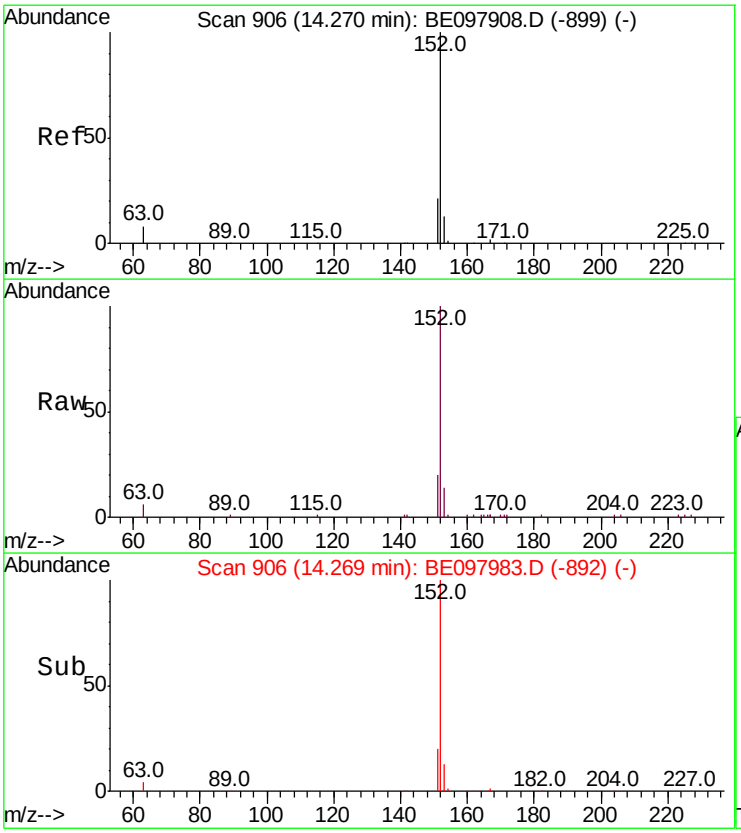
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12210

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.0	39.0
170	24.0	18.0	27.0

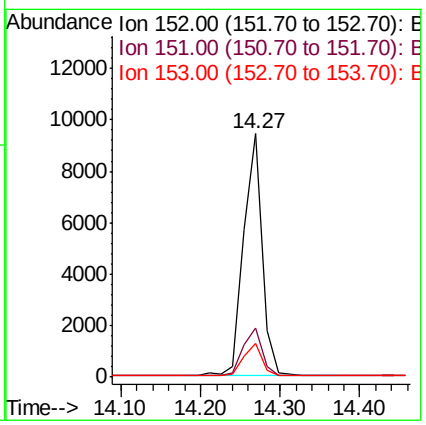


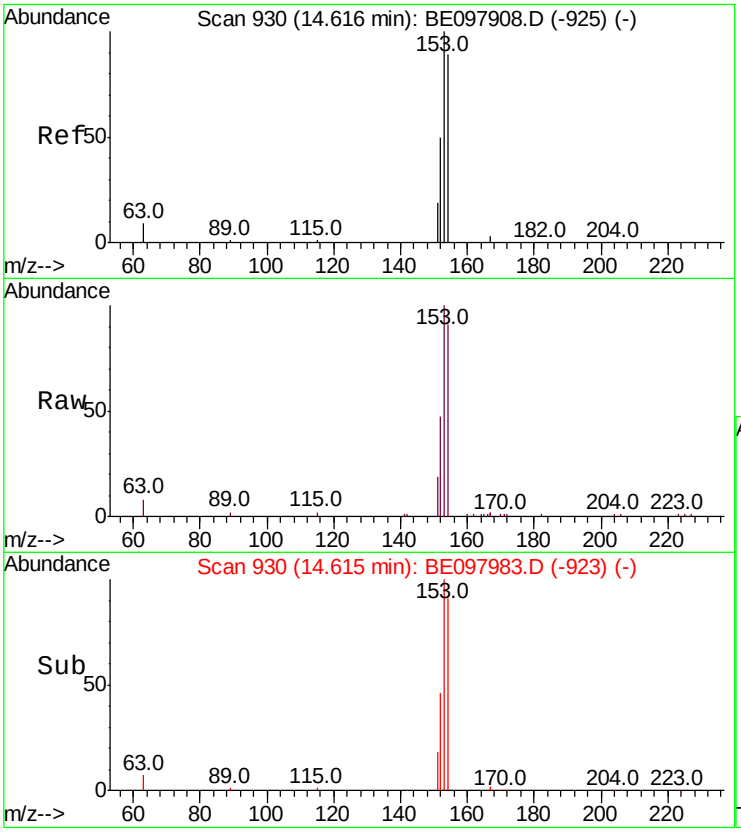


#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:152 Resp: 15094

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.4	10.9	16.3



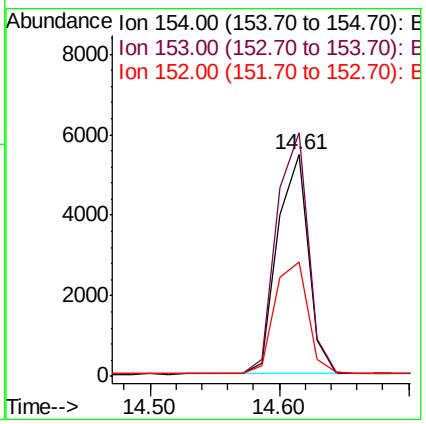


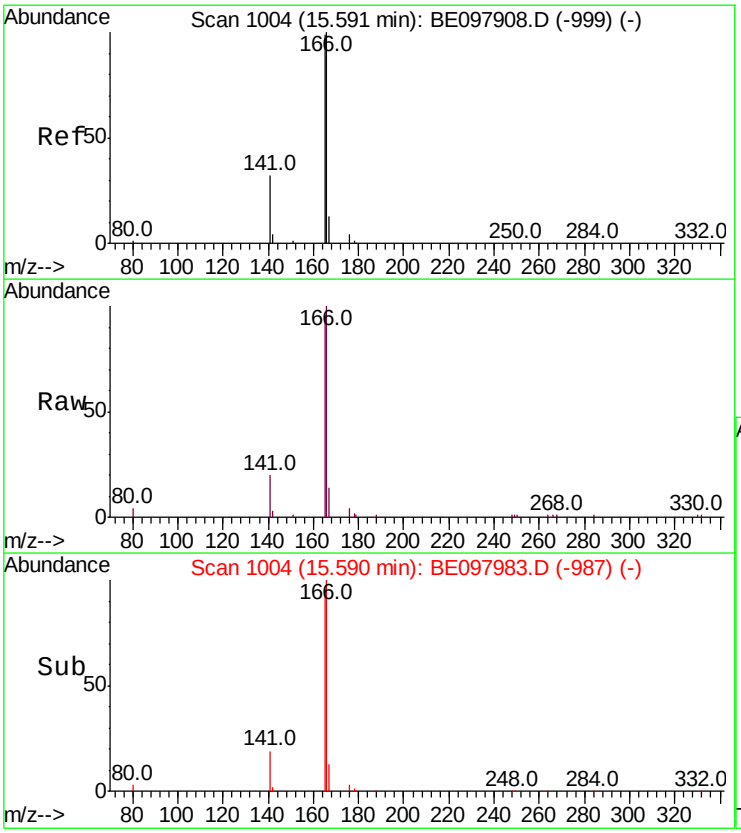
#17
Acenaphthene
Concen: 0.424 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 9122

Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.6	139.0
152	55.0	45.5	68.3

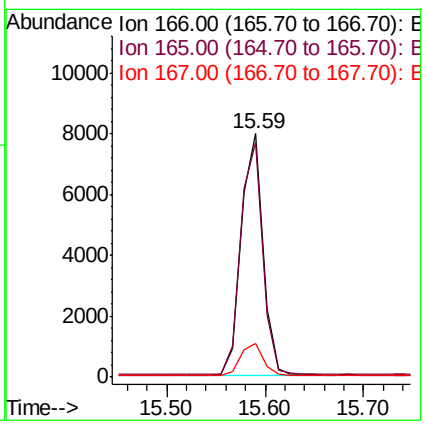


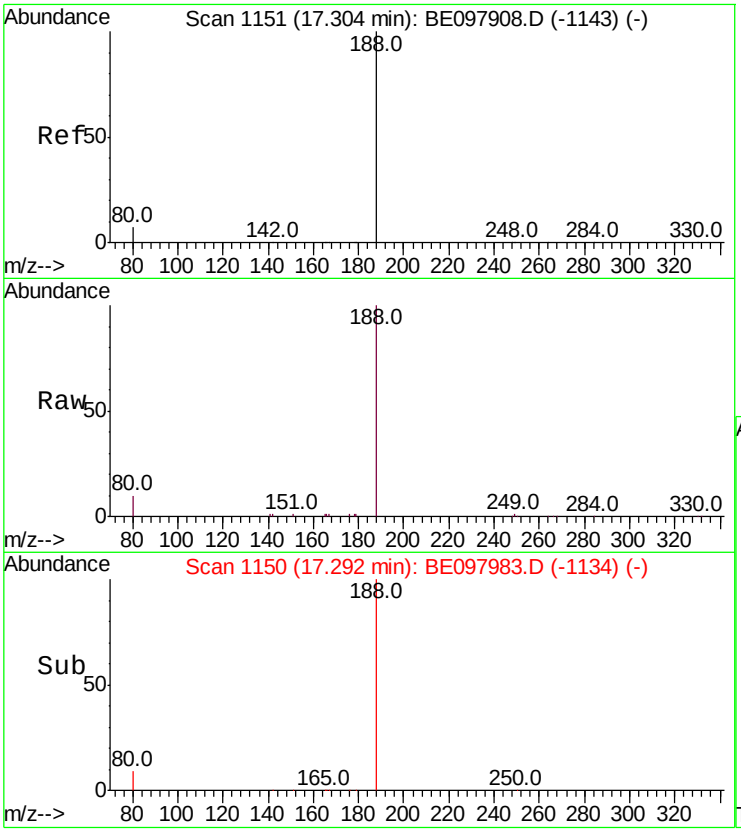


#18
Fluorene
Concen: 0.411 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:166 Resp: 12169

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.4
167	13.5	11.0	16.6



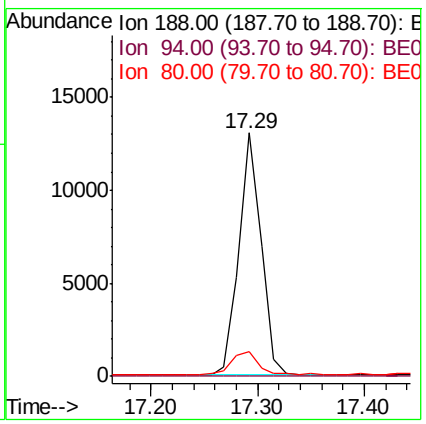


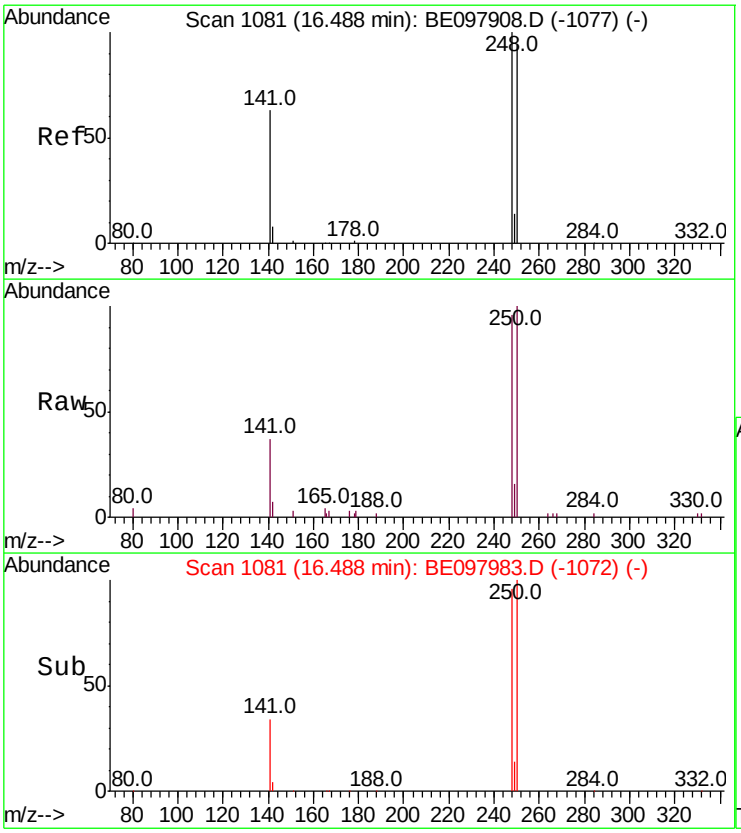
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18778

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	6.3	9.5#

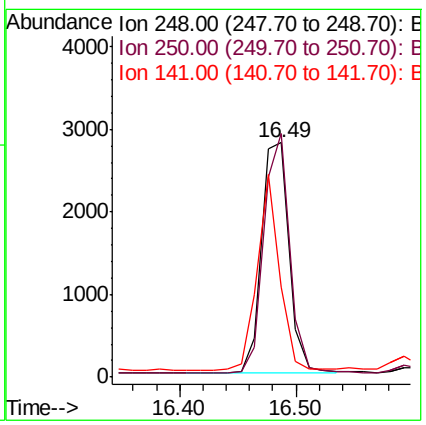


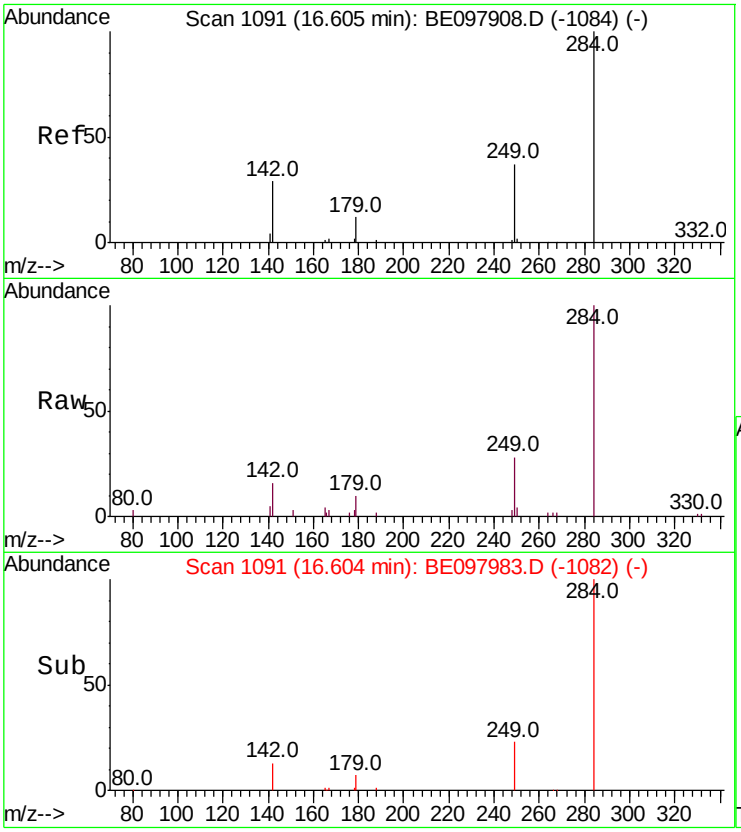


#20
4-Bromophenyl-phenylether
Concen: 0.446 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:248 Resp: 4578

Ion	Ratio	Lower	Upper
248	100		
250	104.0	75.1	112.7
141	38.3	51.8	77.8#



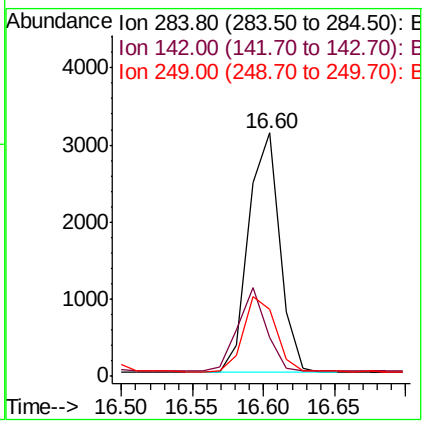


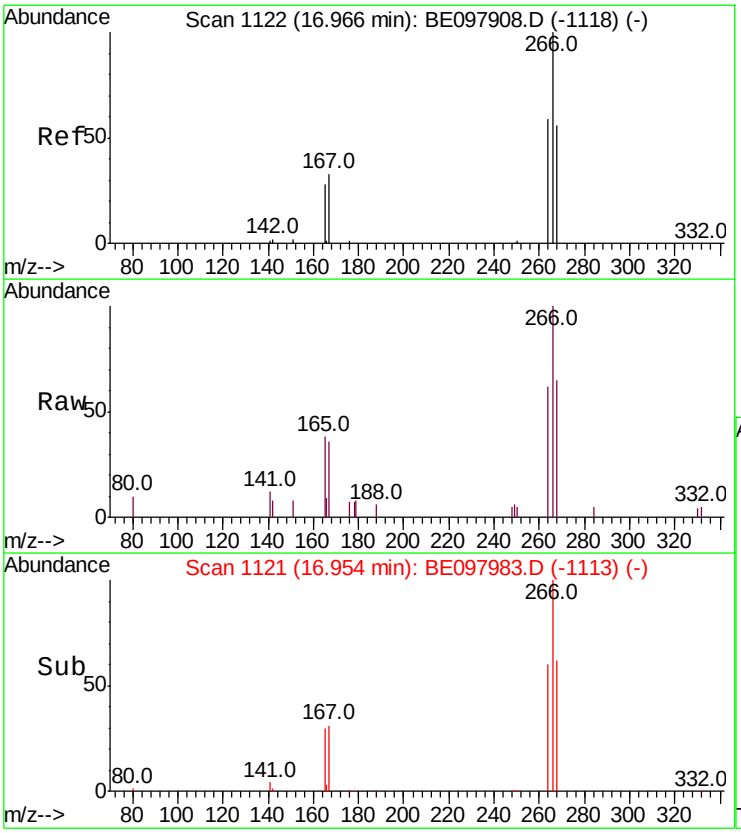
#21
Hexachlorobenzene
Concen: 0.470 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4743

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	32.5	26.6	40.0

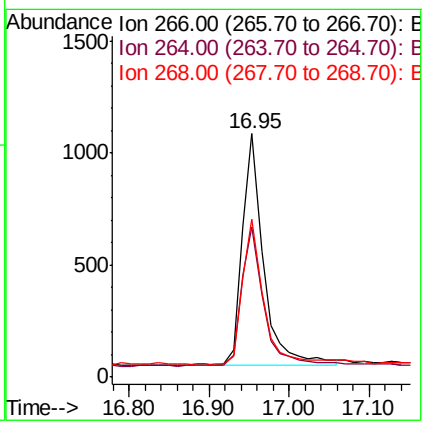


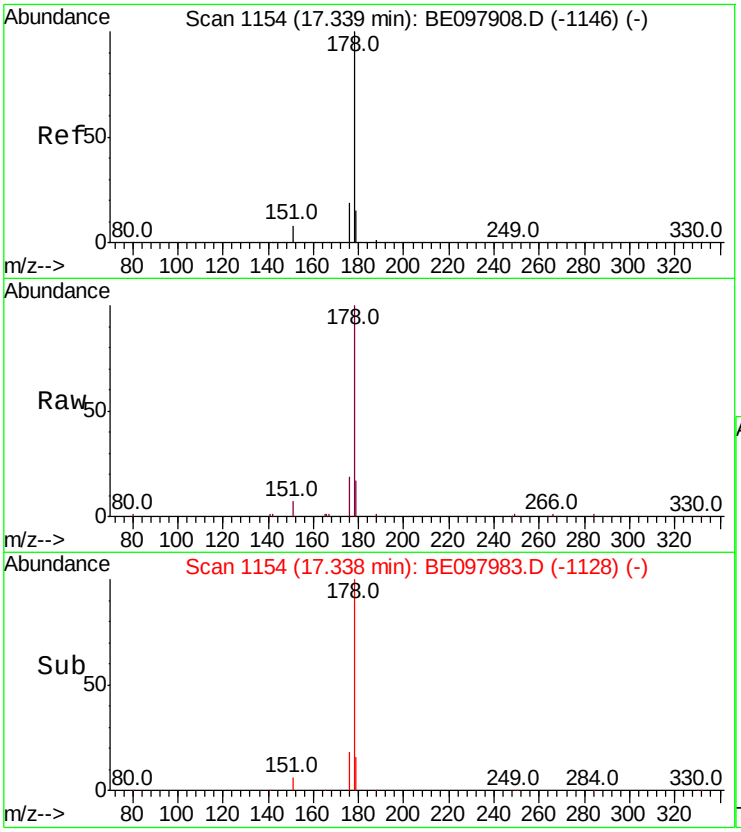


#22
Pentachlorophenol
Concen: 0.699 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:266 Resp: 1896

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.3	76.9
268	64.6	50.1	75.1



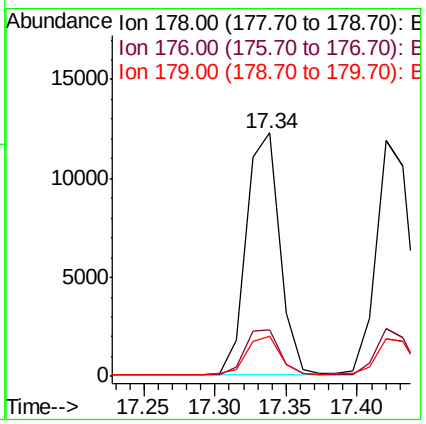


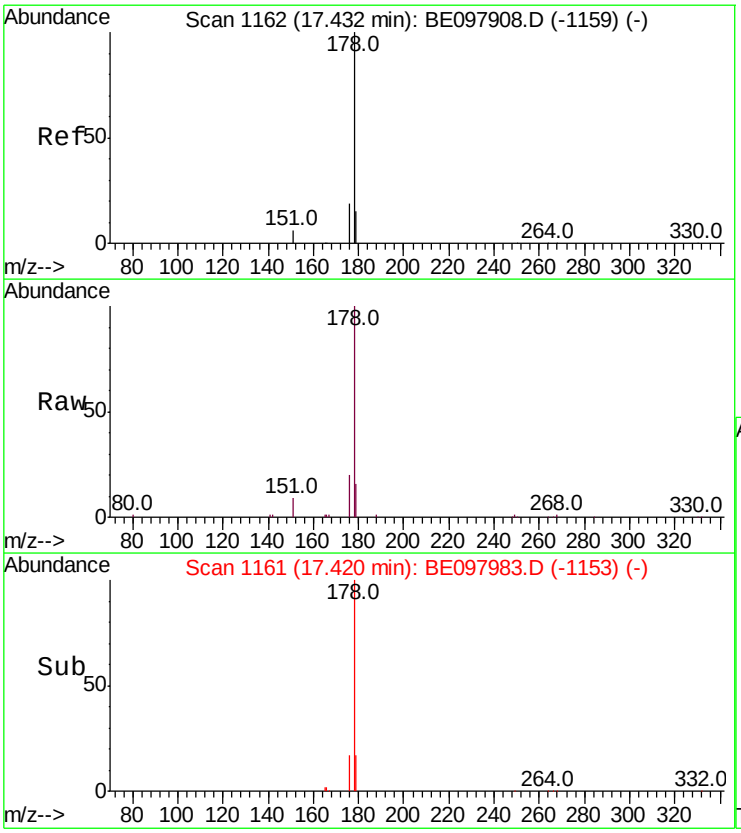
#23
Phenanthrene
Concen: 0.419 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19975

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.8	12.2	18.4

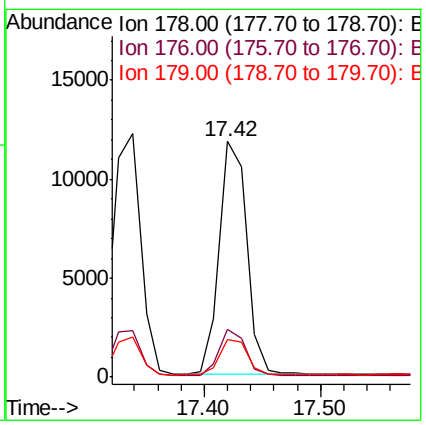


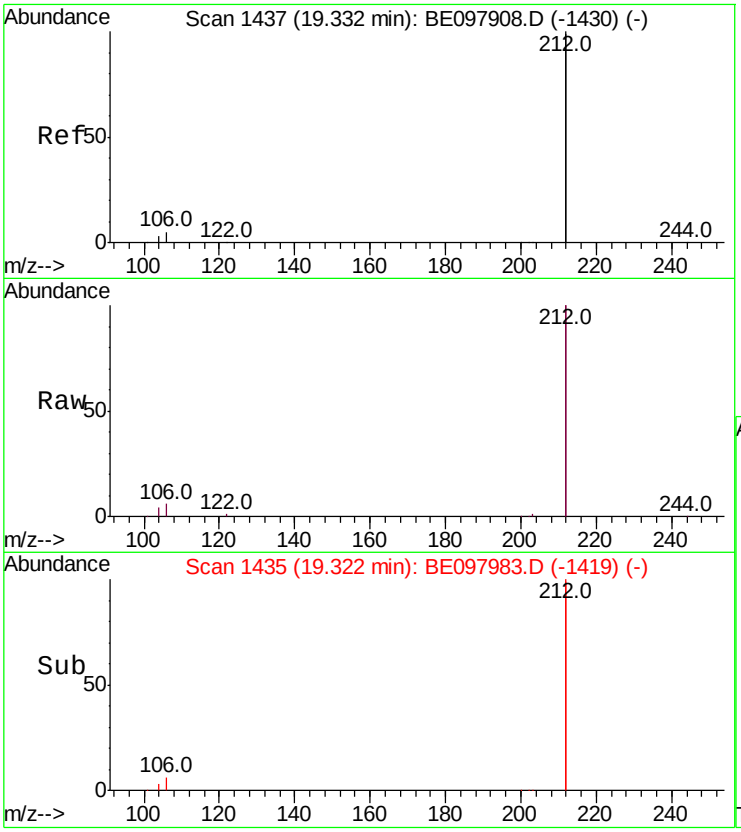


#24
Anthracene
Concen: 0.429 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:178 Resp: 19332

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	11.9	17.9



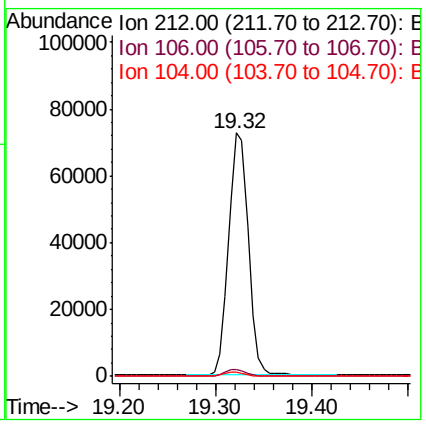


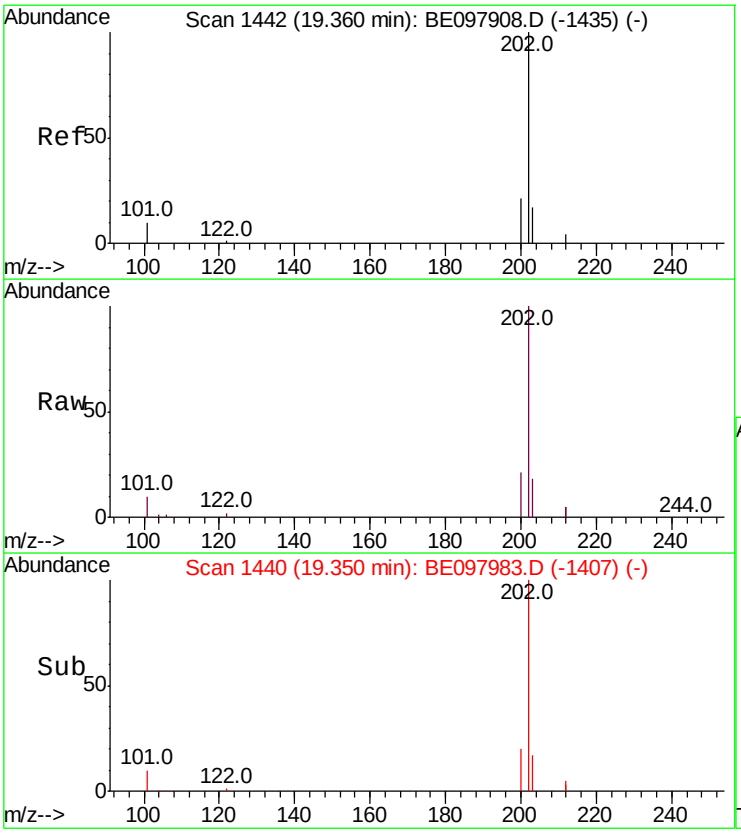
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 103097

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.3	3.5
104	1.5	1.3	1.9

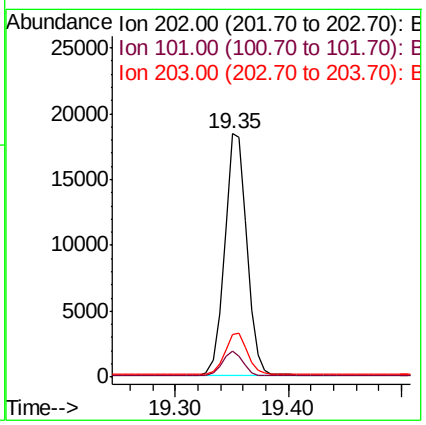


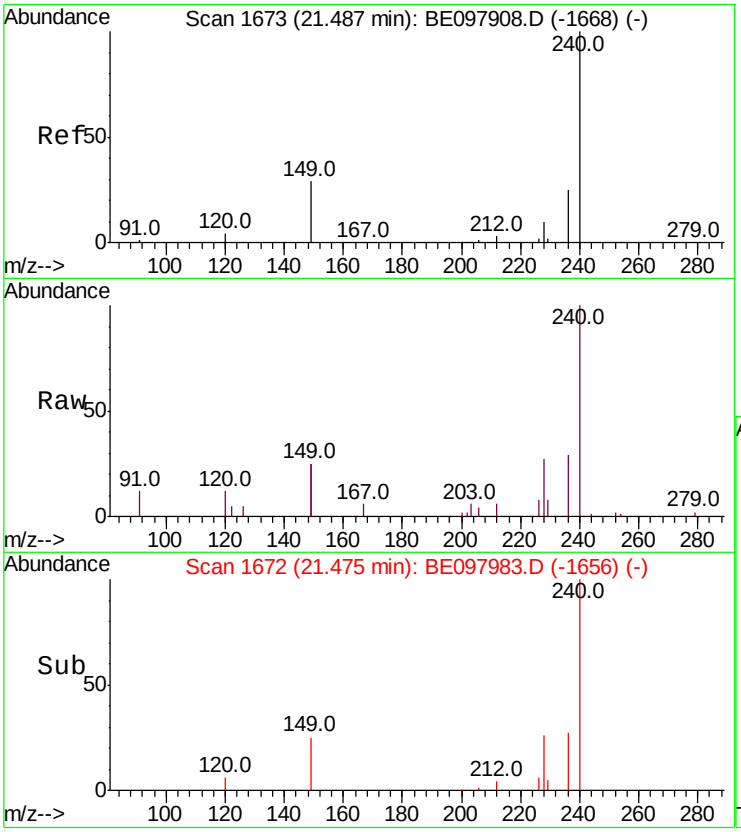


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.35 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:202 Resp: 25153

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.2	12.2
203	17.5	15.0	22.4



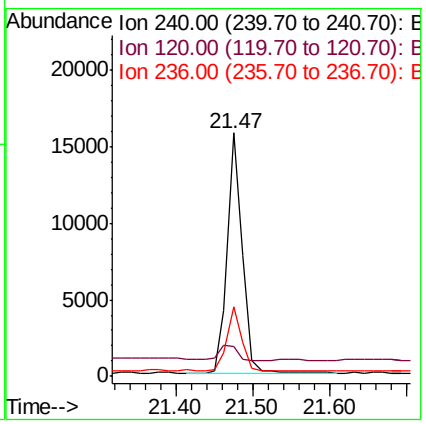


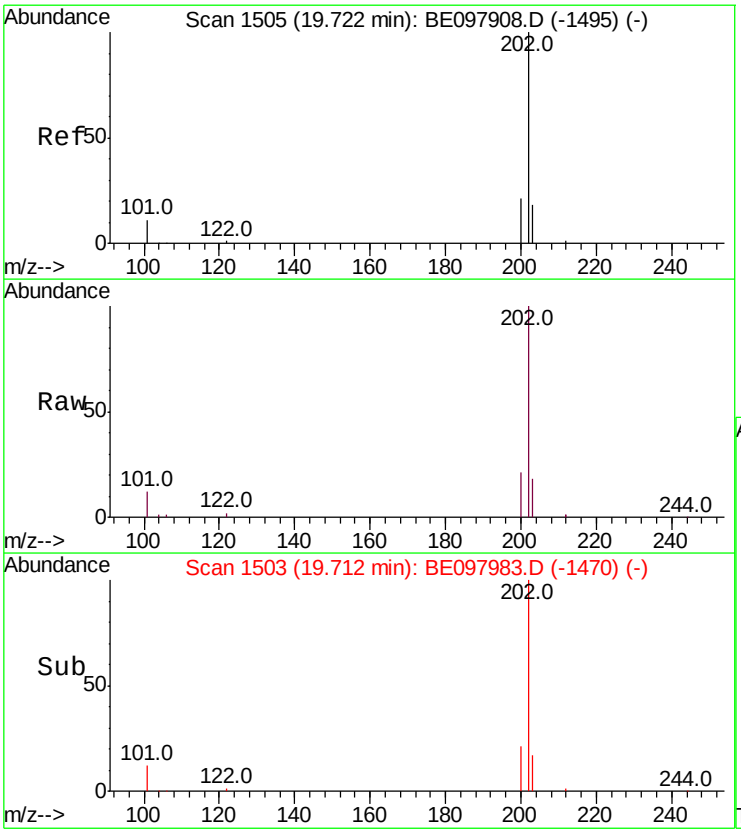
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.47 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21140

Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.1	10.7#
236	28.6	21.3	31.9

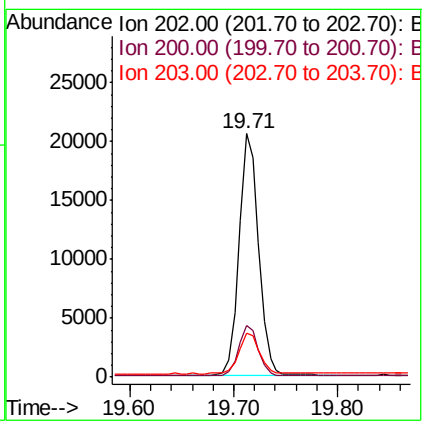


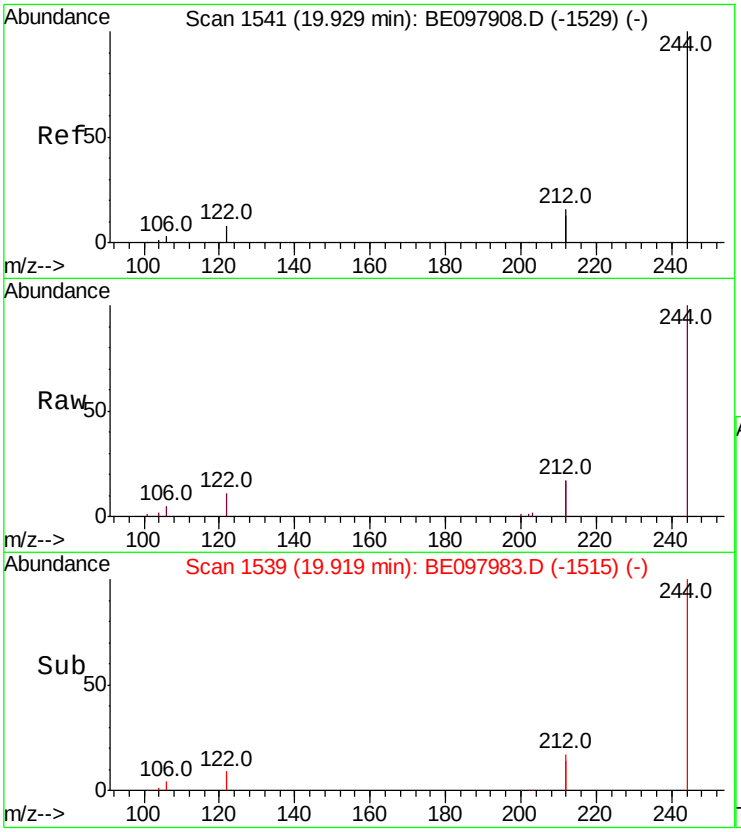


#28
Pyrene
Concen: 0.439 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:202 Resp: 26786

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.9	14.2	21.4



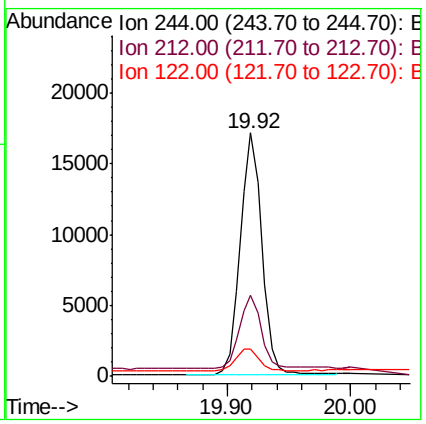


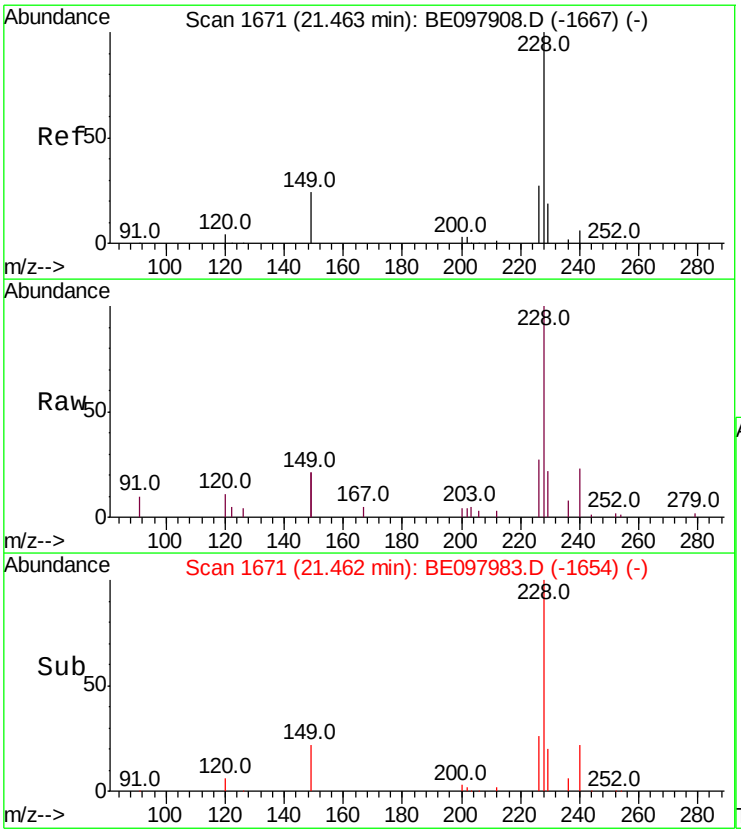
#29
Terphenyl-d14
Concen: 0.432 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 20940

Ion	Ratio	Lower	Upper
244	100		
212	33.3	26.2	39.2
122	11.1	7.7	11.5

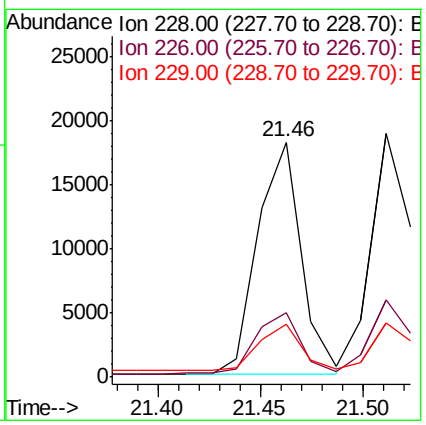


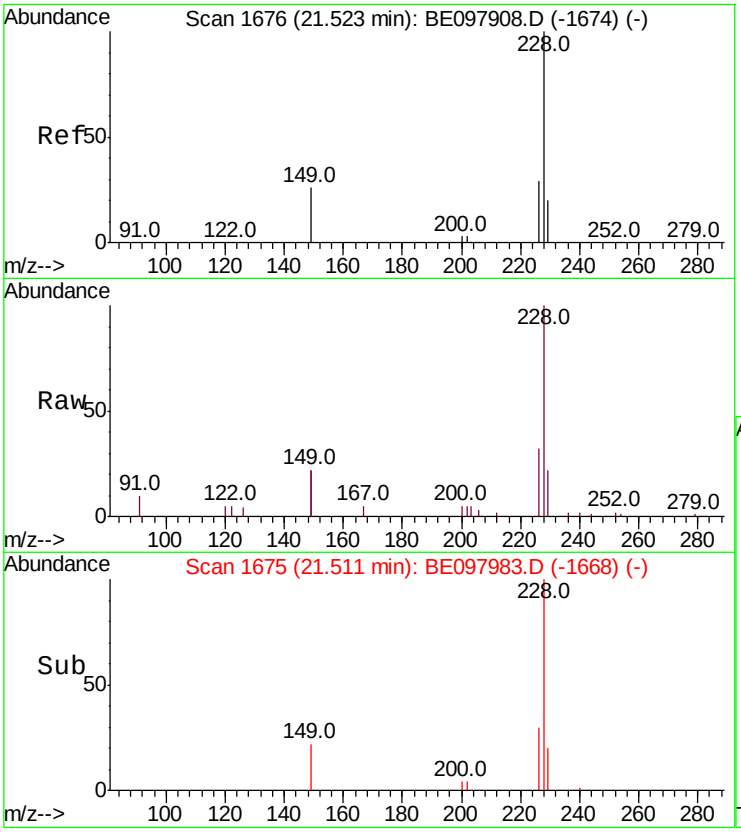


#30
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:228 Resp: 26853

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.4	16.9	25.3



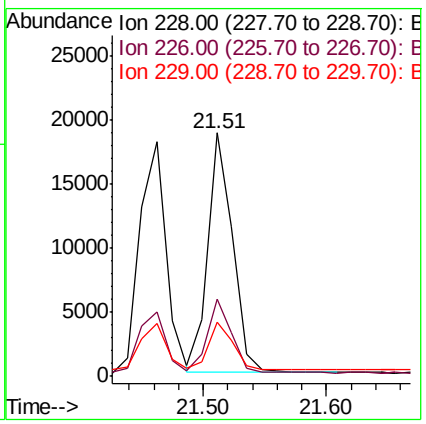


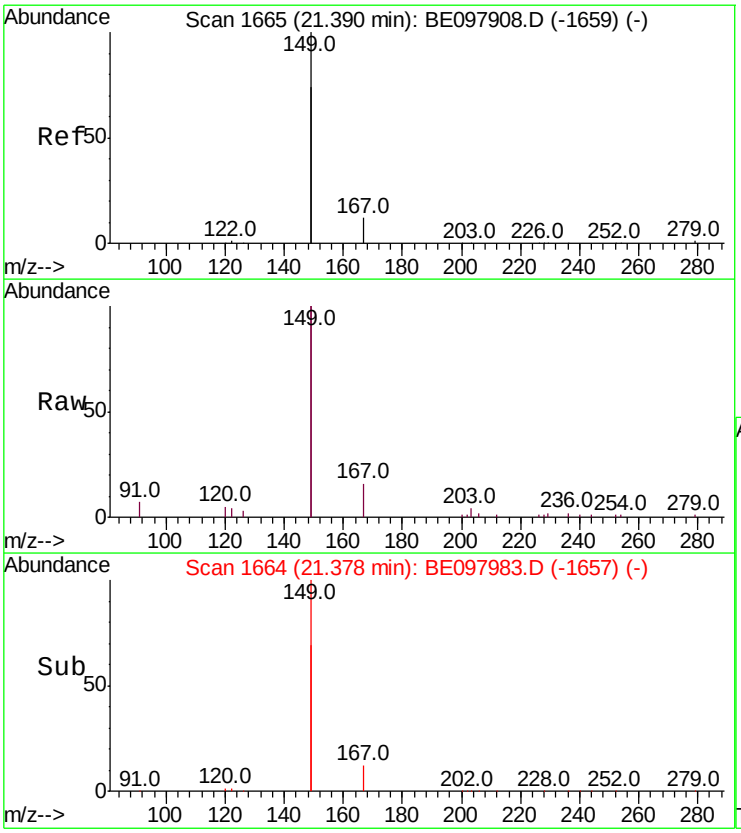
#31
Chrysene
Concen: 0.429 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26354

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	22.1	17.3	25.9

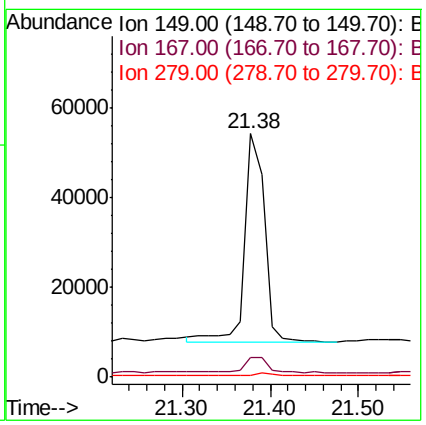


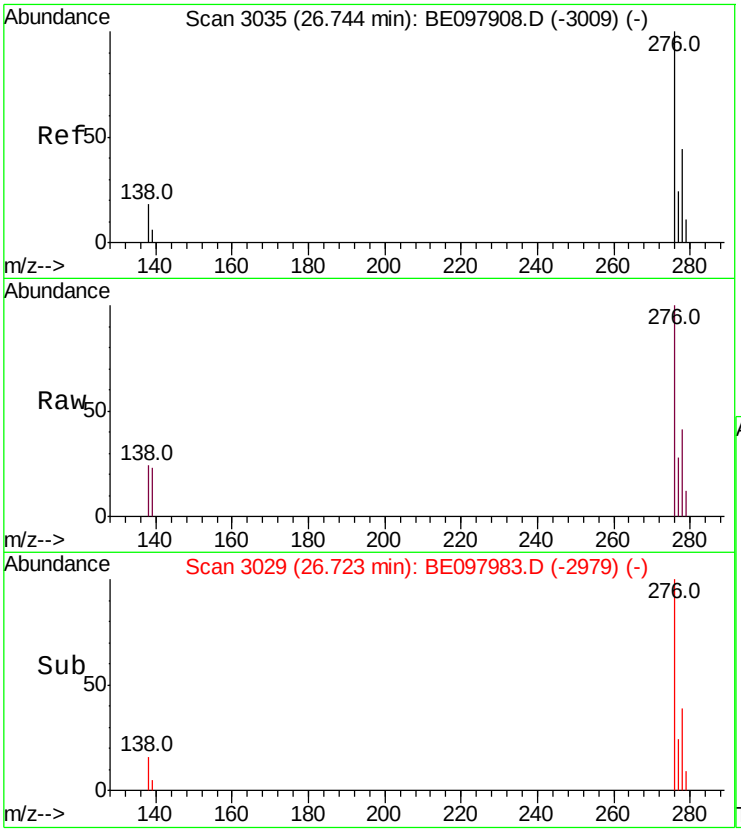


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.508 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:149 Resp: 72083

Ion	Ratio	Lower	Upper
149	100		
167	9.0	5.6	8.4#
279	1.3	0.9	1.3



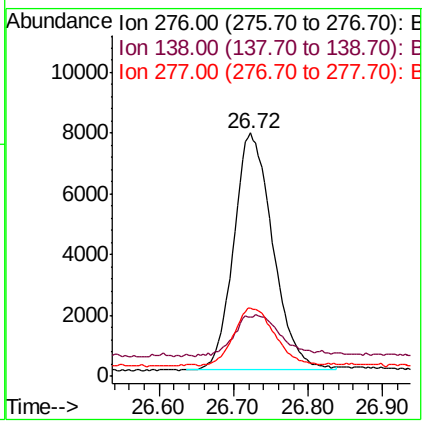


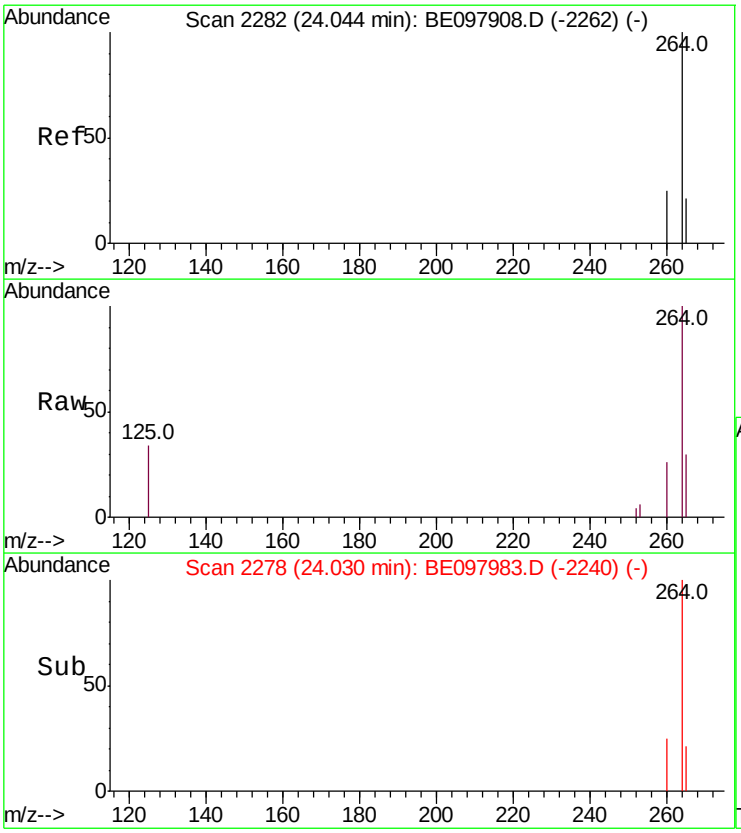
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 28417

Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.0	25.6
277	25.1	20.5	30.7

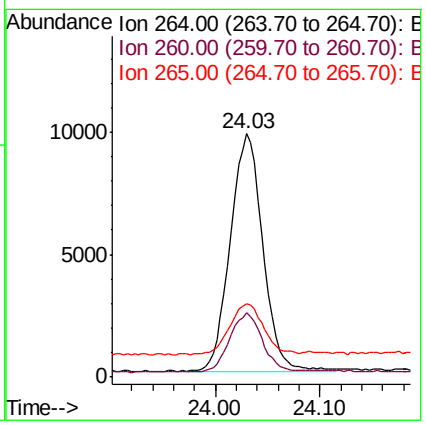


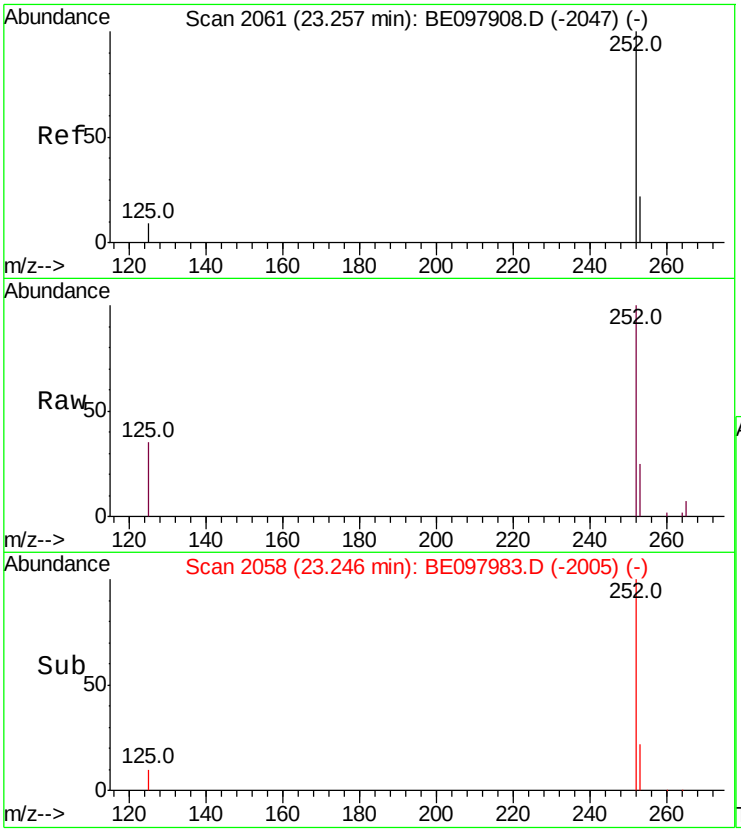


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:264 Resp: 20868

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	30.3	29.2	43.8



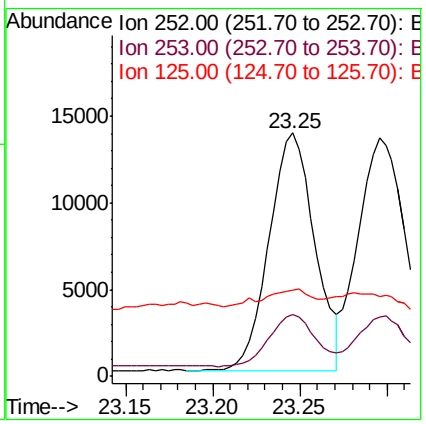


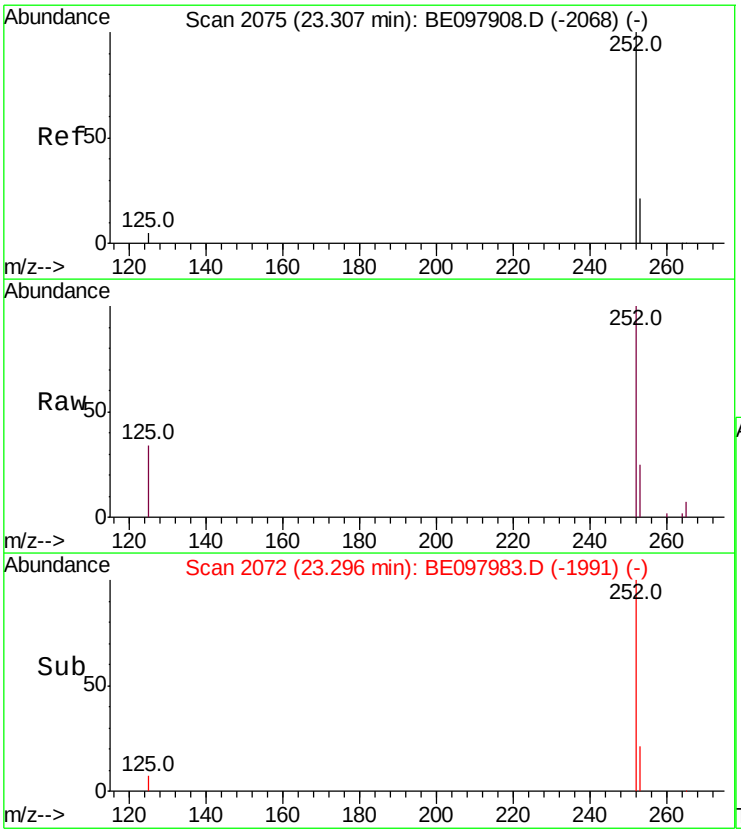
#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 25058

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.6	31.0
125	35.2	14.3	21.5#

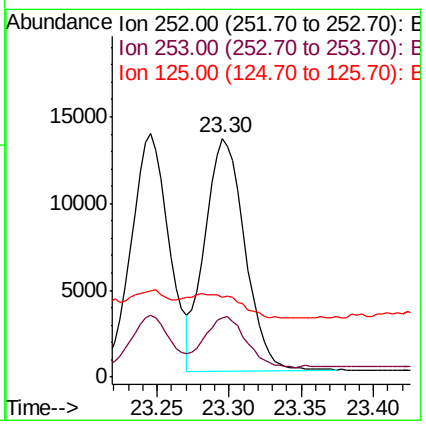


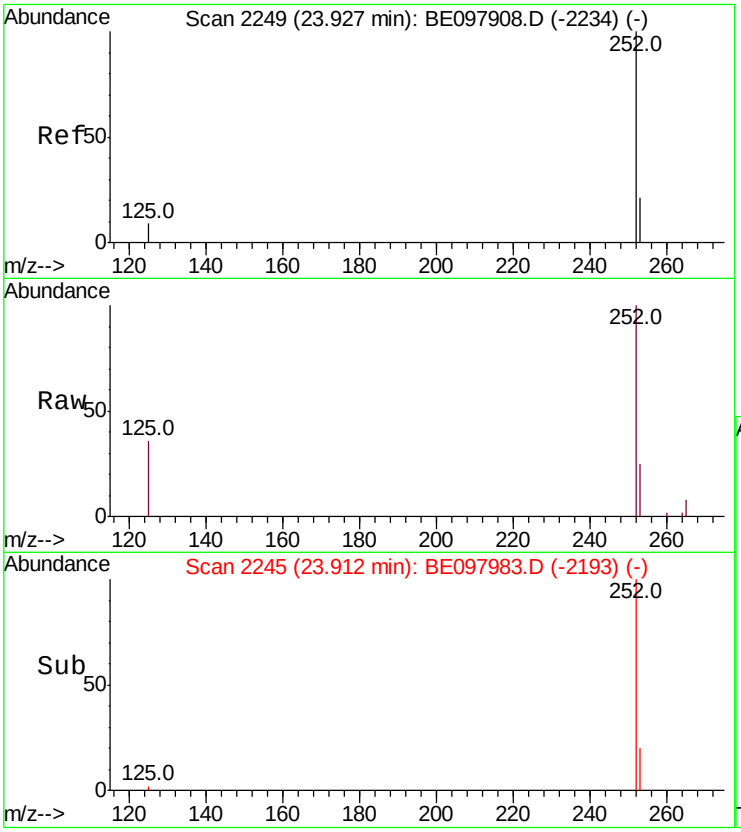


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:252 Resp: 25773

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.4	30.6
125	33.6	14.6	21.8#



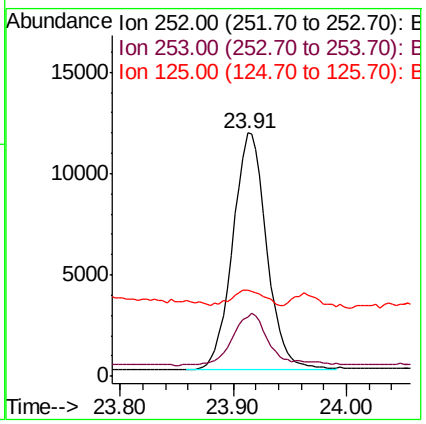


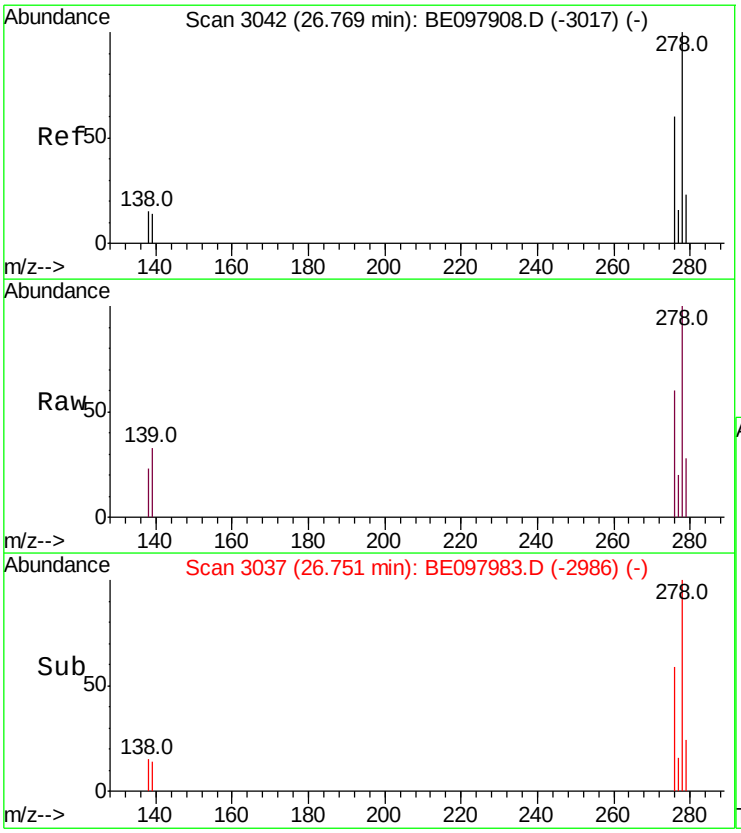
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 24371

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	31.0
125	35.5	15.6	23.4#

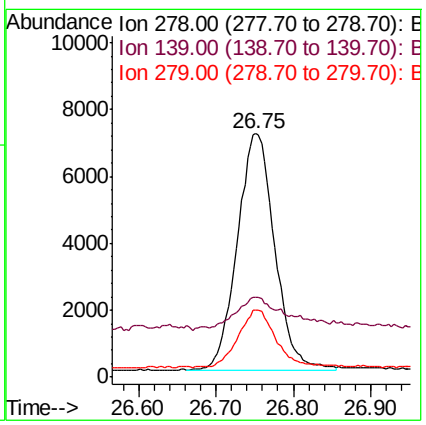


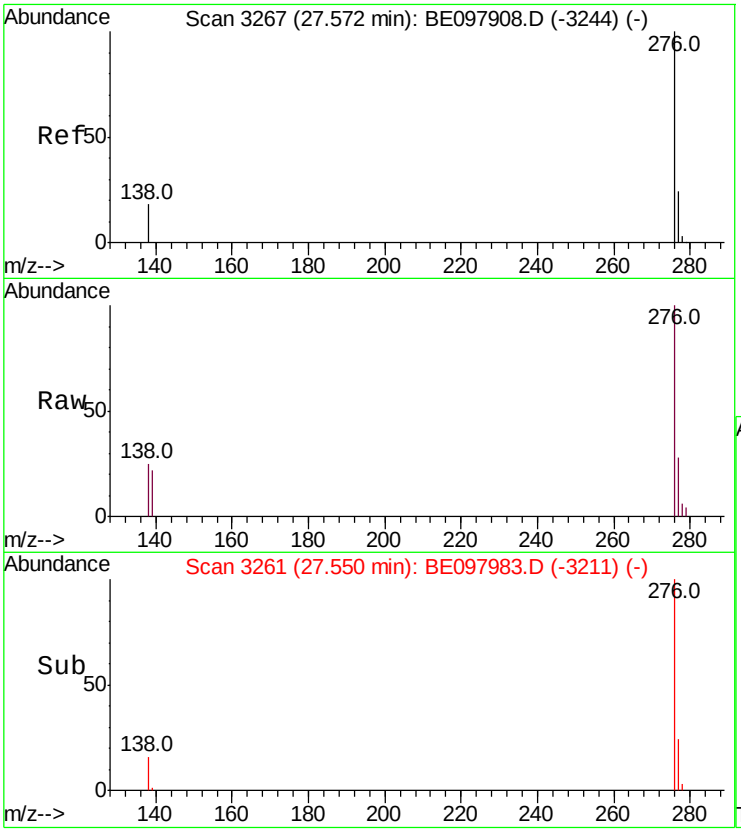


#38
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 26.75 min Scan# 3037
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Tgt Ion:278 Resp: 23778

Ion	Ratio	Lower	Upper
278	100		
139	32.9	16.3	24.5#
279	27.8	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.55 min Scan# 3261
Delta R.T. -0.02 min
Lab File: BE097983.D
Acq: 18 Oct 2018 18:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23705

Ion	Ratio	Lower	Upper
276	100		
277	27.8	22.1	33.1
138	25.3	19.3	28.9