Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097374.D
Acq On : 28 Aug 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 28 12:17:07 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	764	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3536	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1909	0.40	ng		-0.01
19) Phenanthrene-d10	16.76	188	5478	0.40	ng		0.00
27) Chrysene-d12	20.97	240	6894	0.40	ng		0.00
34) Perylene-d12	23.20	264	6537	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	881	0.39	ng		0.00
5) Phenol-d6	6.58	99	1134	0.38	ng		-0.01
8) Nitrobenzene-d5	8.52	82	1037	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2011	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	254	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3005	0.43	ng		0.00
25) Fluoranthene-d10	18.80	212	27825	0.44	ng		0.00
29) Terphenyl-d14	19.42	244	5426	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	515	0.379	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	466	0.367	ng	#	93
6) bis(2-Chloroethyl)ether	6.83	93	1064	0.383	ng		93
9) Naphthalene	10.18	128	13415	0.417	ng		99
10) Hexachlorobutadiene	10.47	225	594	0.413	ng		98
12) 2-Methylnaphthalene	11.80	142	2061	0.406	ng		99
16) Acenaphthylene	13.73	152	3134	0.413	ng		100
17) Acenaphthene	14.07	154	2123	0.419	ng		95
18) Fluorene	15.06	166	2724	0.425	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1022	0.410	ng	#	79
21) Hexachlorobenzene	16.08	284	1178	0.428	ng	#	83
22) Pentachlorophenol	16.44	266	266	0.451	ng	#	82
23) Phenanthrene	16.80	178	5466	0.419	ng		99
24) Anthracene	16.89	178	4524	0.408	ng		96
26) Fluoranthene	18.83	202	7262	0.444	ng		98
28) Pyrene	19.20	202	7272	0.443	ng		100
30) Benzo(a)anthracene	20.95	228	6810	0.391	ng		97
31) Chrysene	21.00	228	7833	0.417	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	7642	0.392	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	8103	0.332	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	6769	0.387	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	7838	0.404	ng		95
37) Benzo(a)pyrene	23.10	252	6517	0.386	ng	#	93
38) Dibenzo(a,h)anthracene	25.52	278	6732	0.333	ng	#	95
39) Benzo(g,h,i)perylene	26.19	276	6988	0.334	ng	#	89

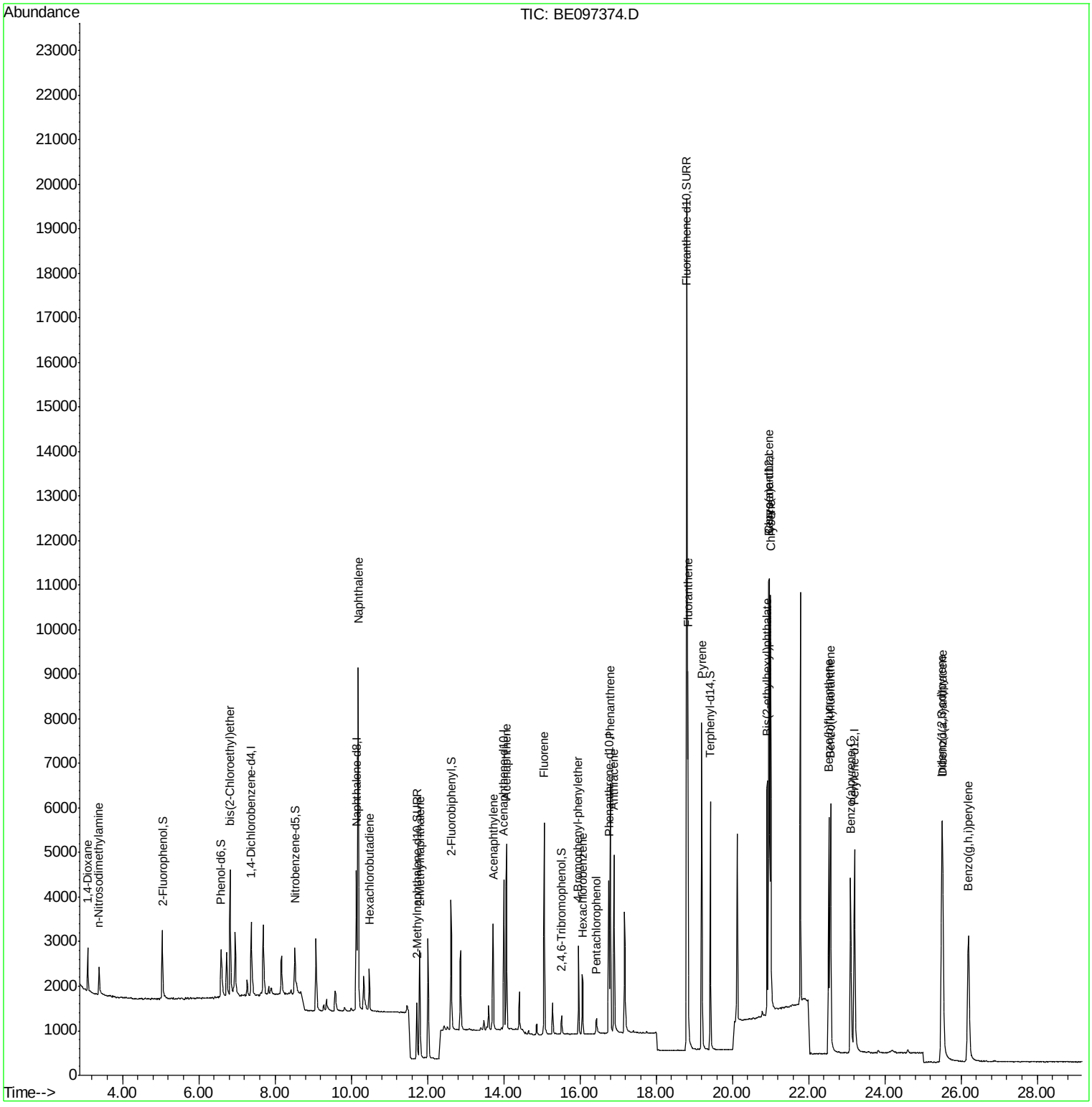
(#) = qualifier out of range (m) = manual integration (+) = signals summed

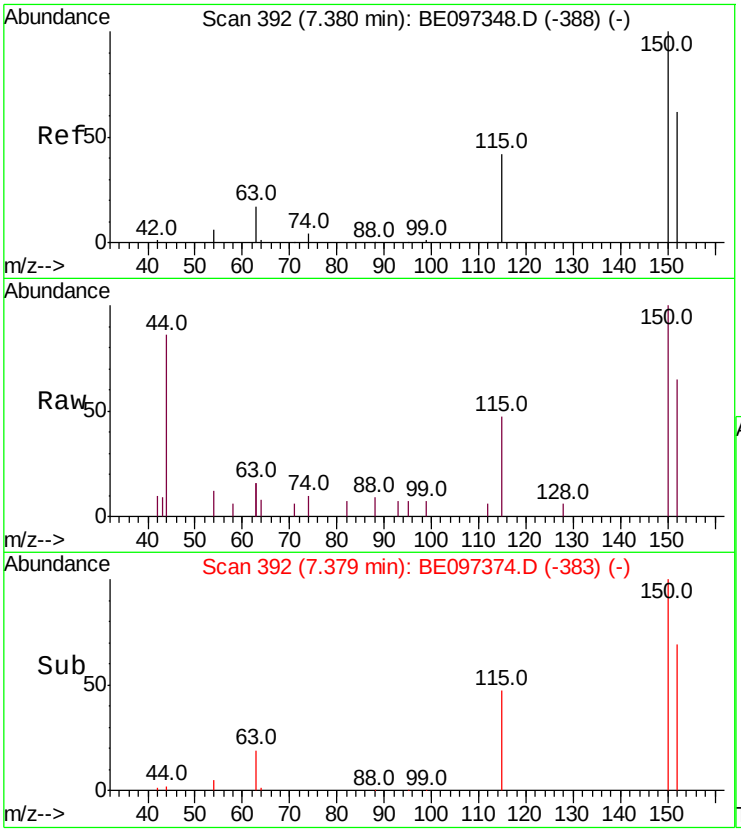
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
Data File : BE097374.D
Acq On : 28 Aug 2018 11:16
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 28 12:17:07 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



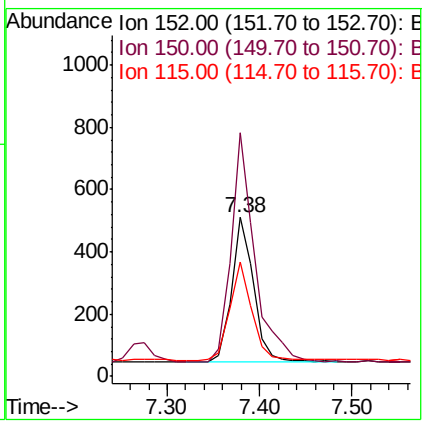


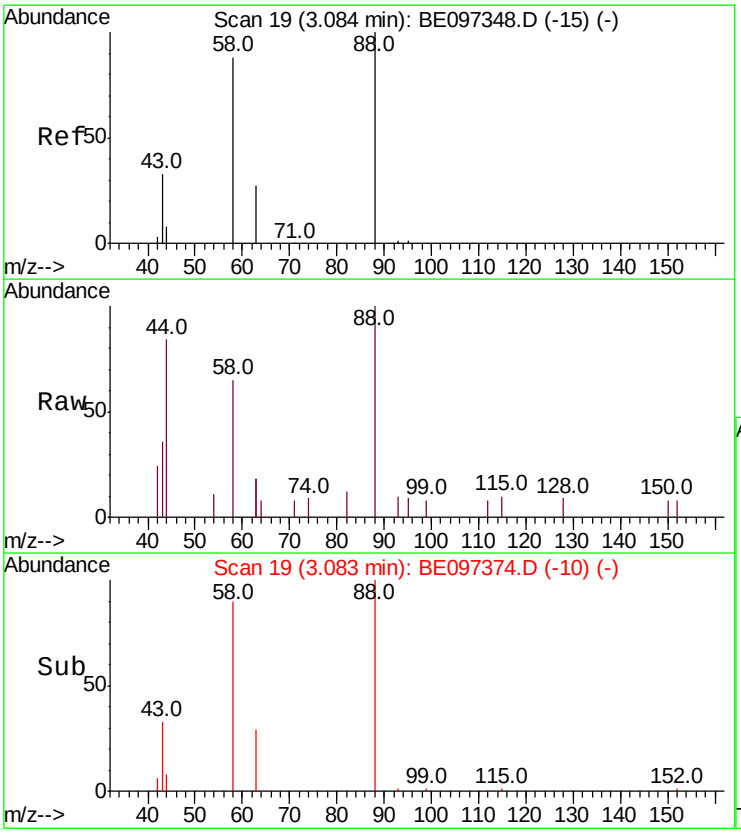
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 764

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	72.4	57.0	85.6

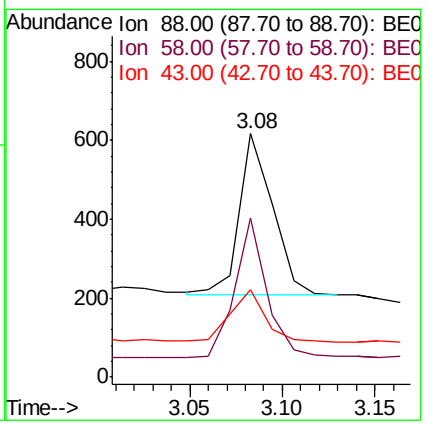


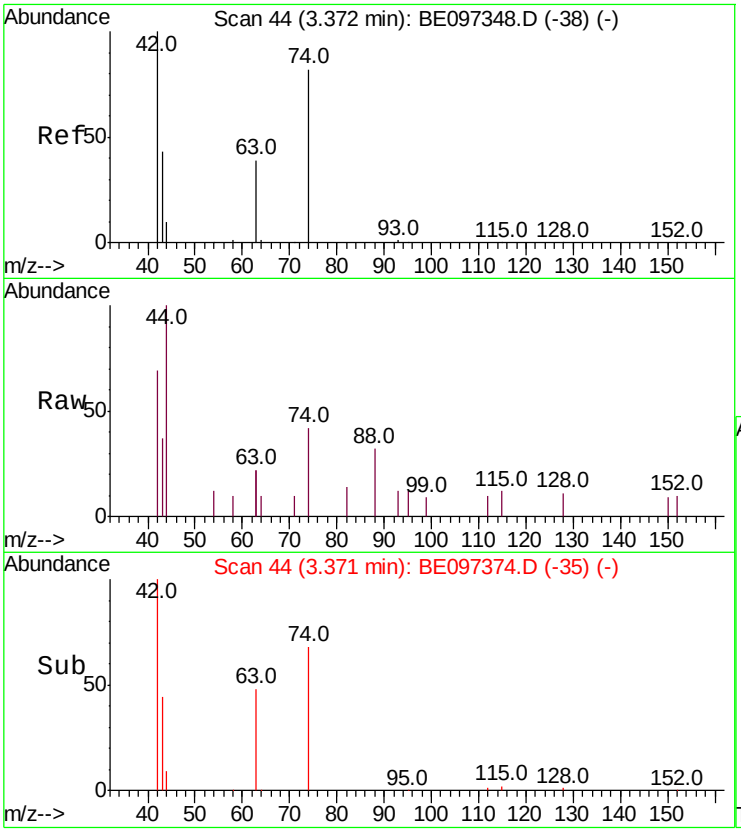


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion: 88 Resp: 515

Ion	Ratio	Lower	Upper
88	100		
58	84.3	63.2	94.8
43	34.0	41.2	61.8#

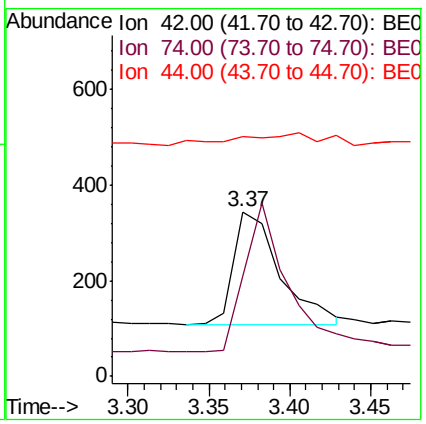




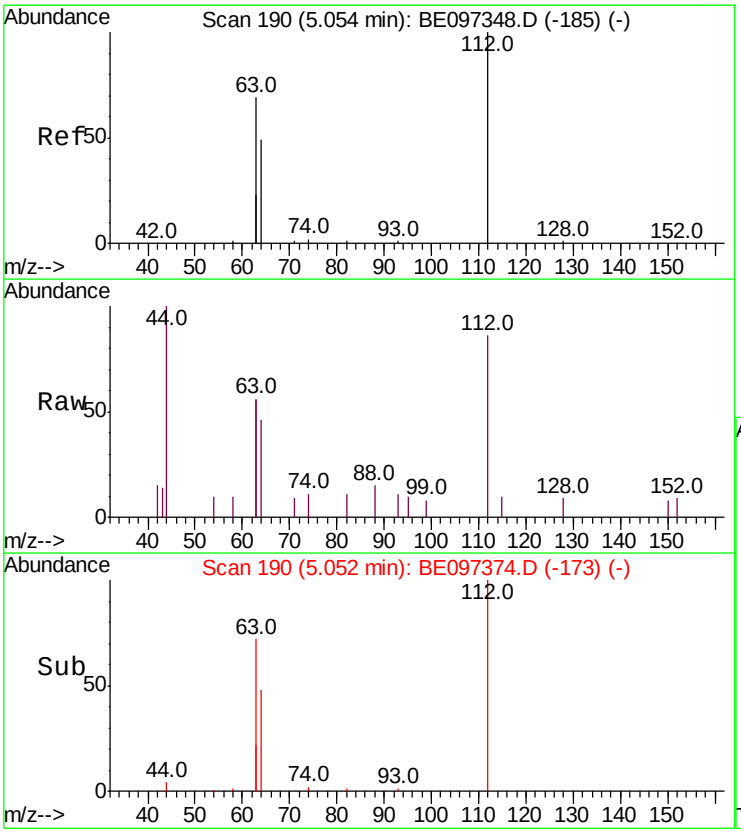
#3
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion: 42 Resp: 466

Ion	Ratio	Lower	Upper
42	100		
74	123.4	96.0	144.0
44	0.0	12.0	18.0#



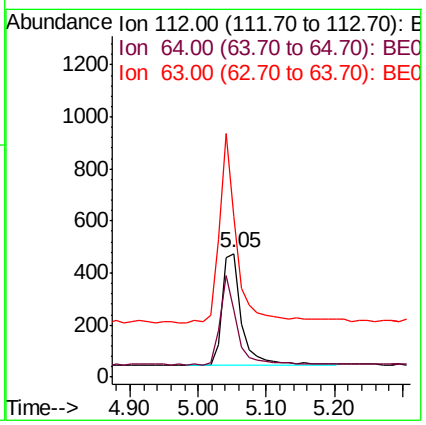
Instrument :
BNA_E
ClientSampleId :

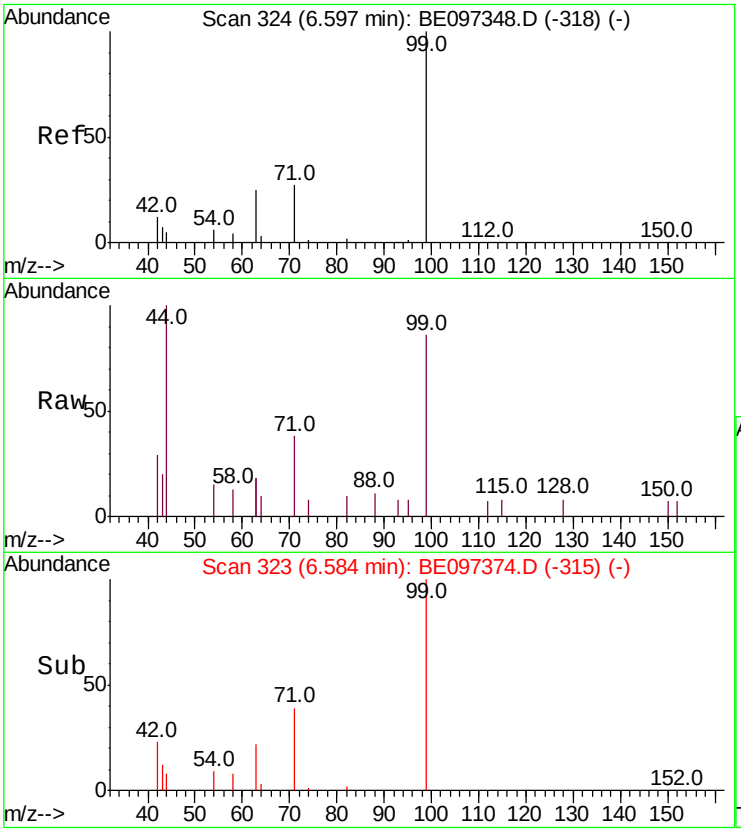


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:112 Resp: 881

Ion	Ratio	Lower	Upper
112	100		
64	67.1	60.1	90.1
63	145.4	116.8	175.2



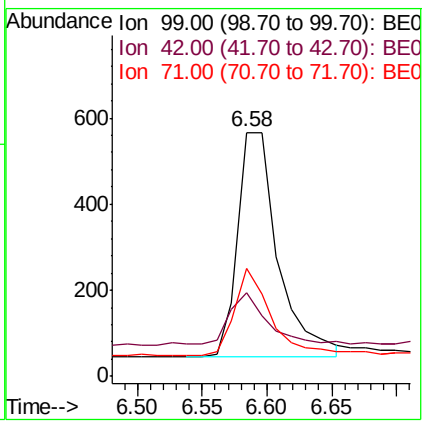


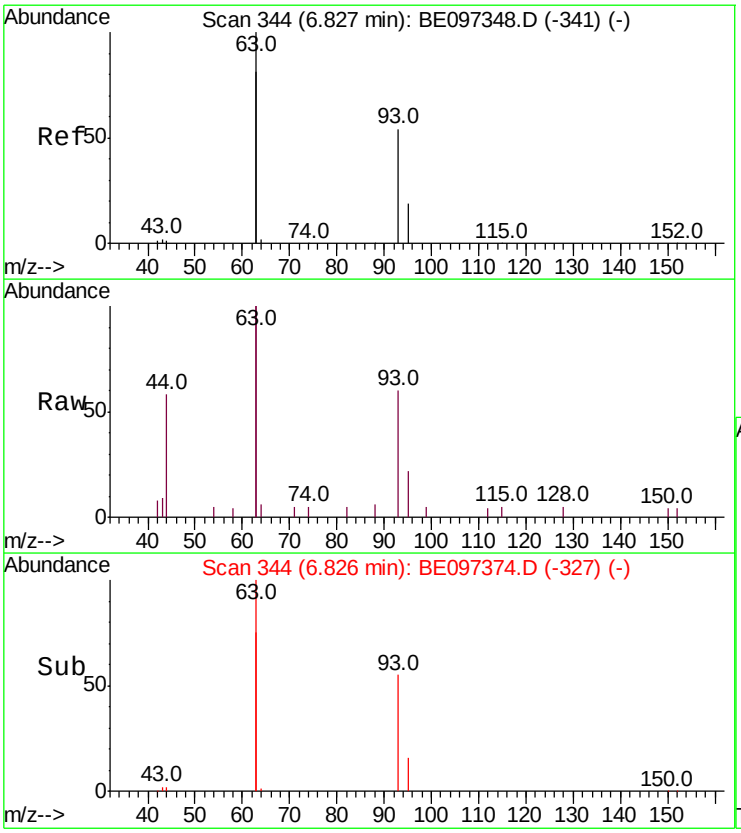
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1134

Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.2	30.2
71	35.2	28.4	42.6

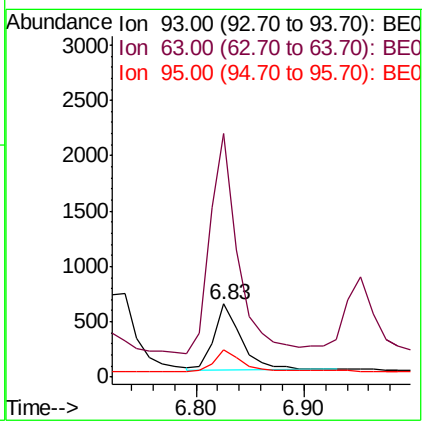


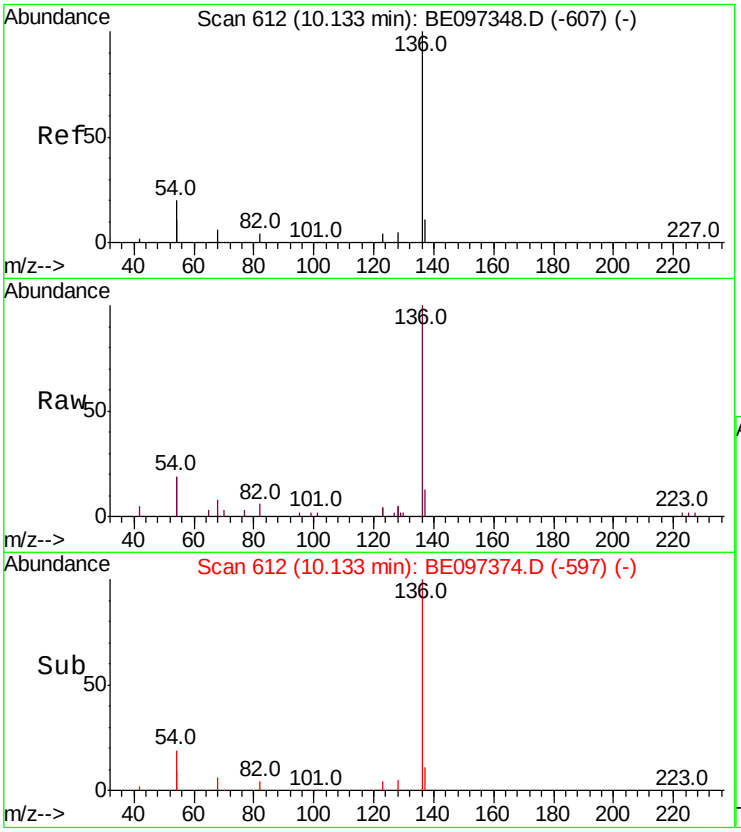


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion: 93 Resp: 1064

Ion	Ratio	Lower	Upper
93	100		
63	328.0	275.3	412.9
95	31.2	25.2	37.8



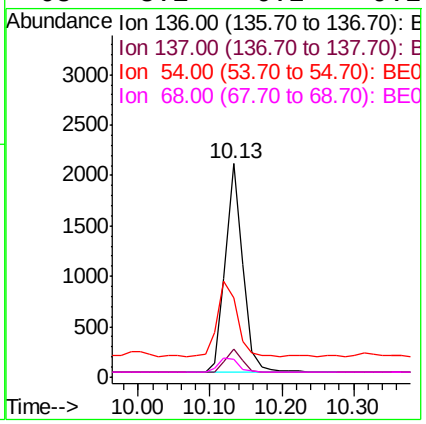


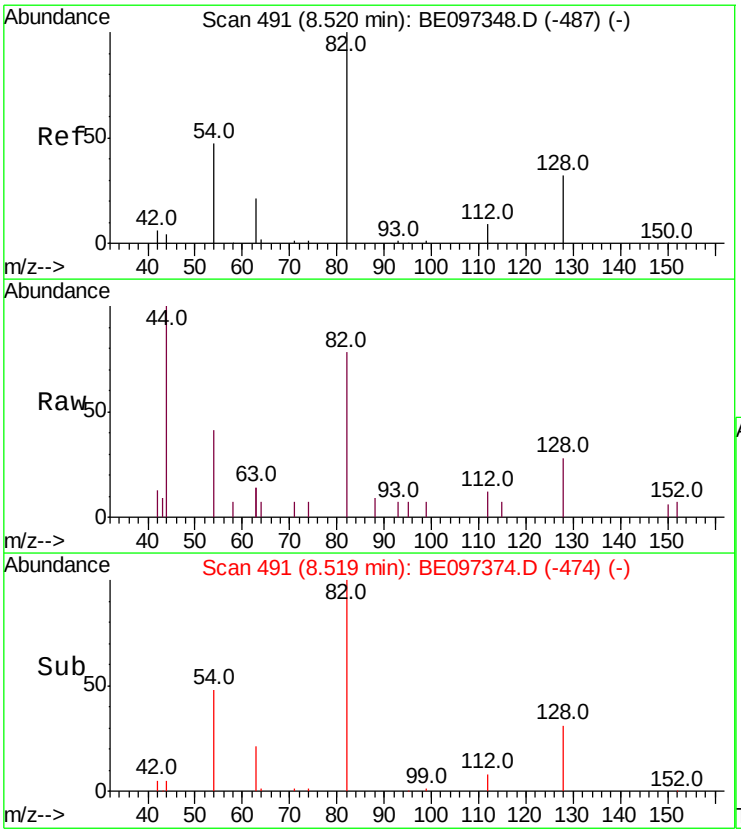
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3536

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	37.3	29.1	43.7
68	8.1	6.2	9.2

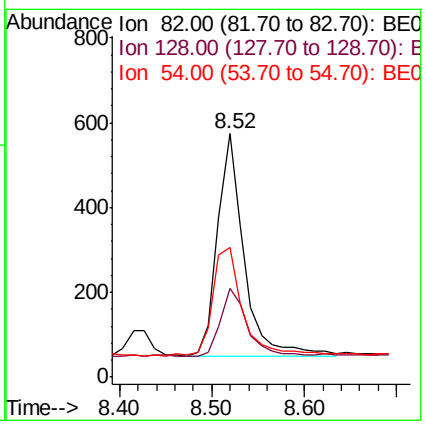


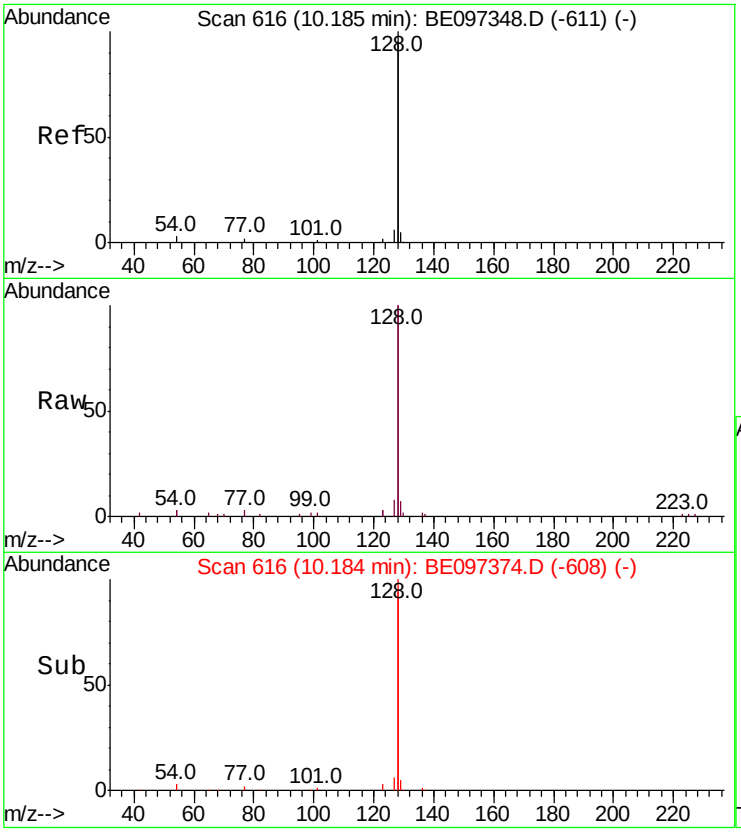


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion: 82 Resp: 1037

Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.0	36.0#
54	53.1	40.0	60.0



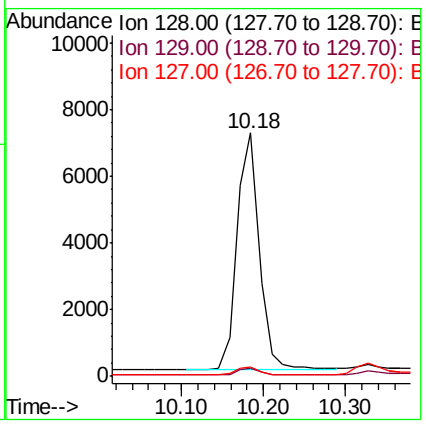


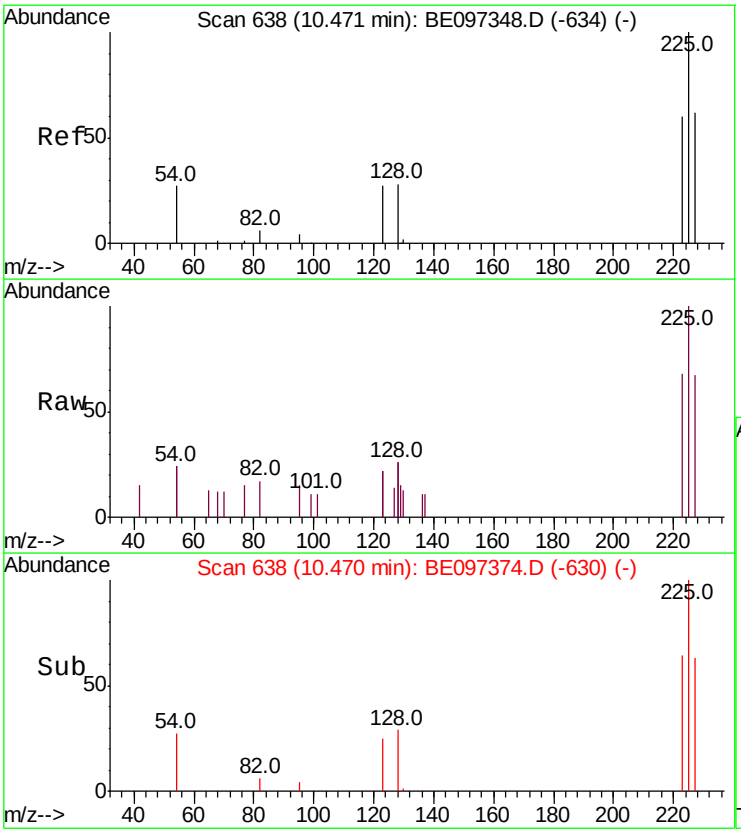
#9
Naphthalene
Concen: 0.417 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13415

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

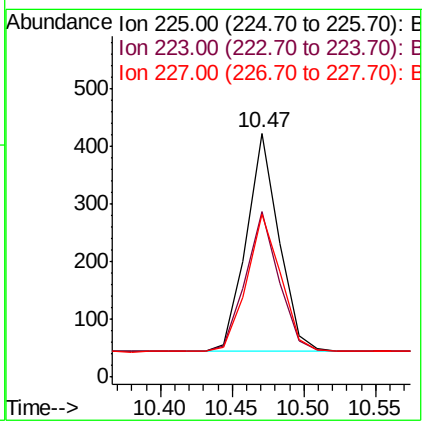


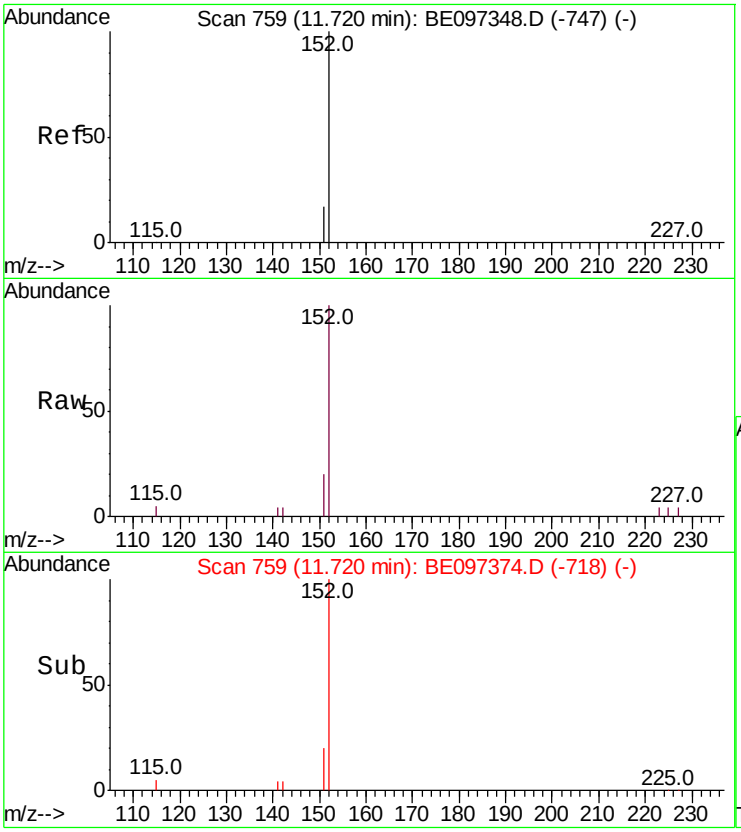


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:225 Resp: 594

Ion	Ratio	Lower	Upper
225	100		
223	65.7	53.0	79.6
227	66.7	51.4	77.2



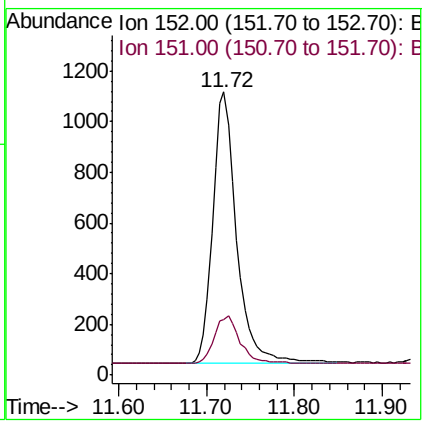


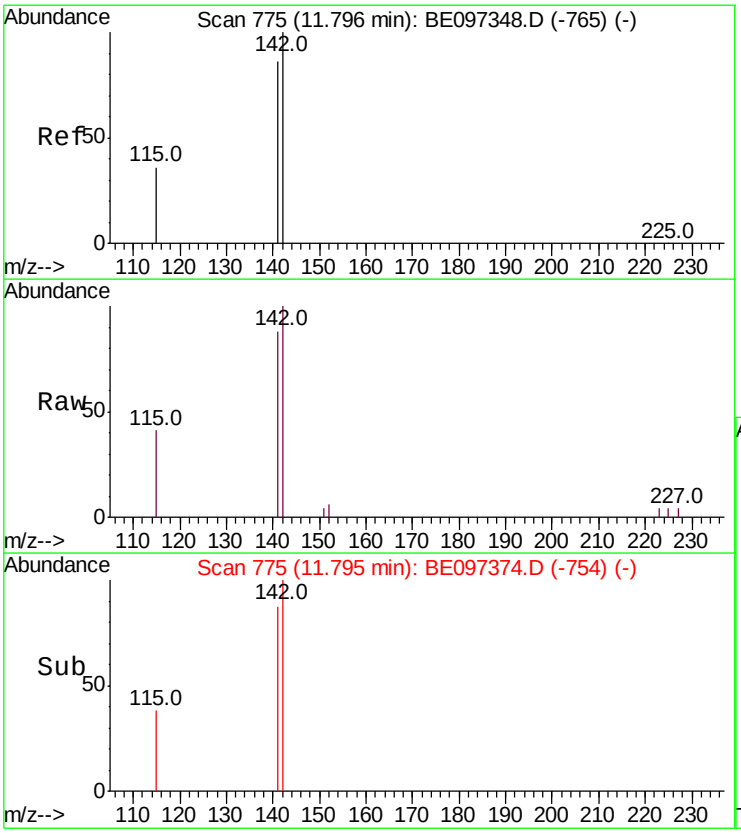
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2011

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

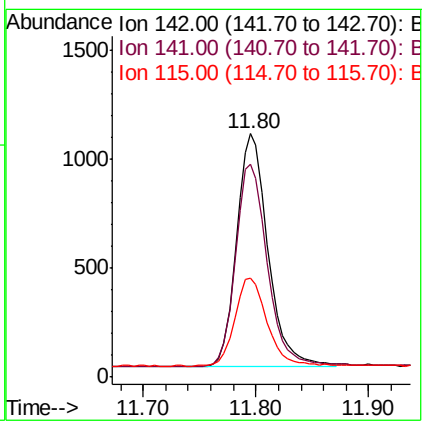


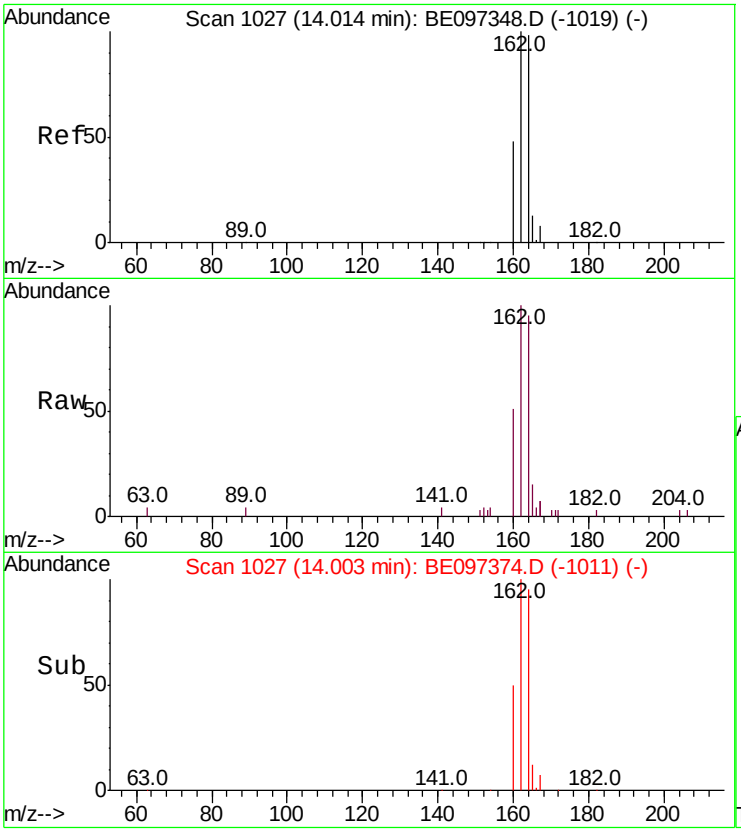


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 11.80 min Scan# 775
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:142 Resp: 2061

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	40.7	31.7	47.5



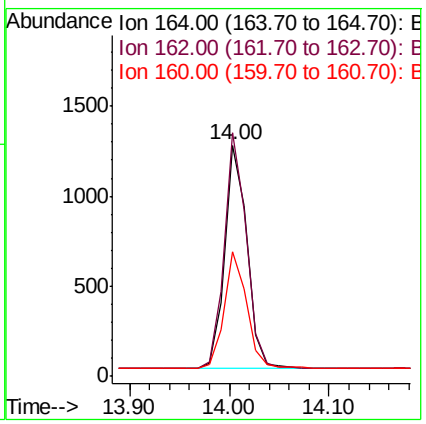


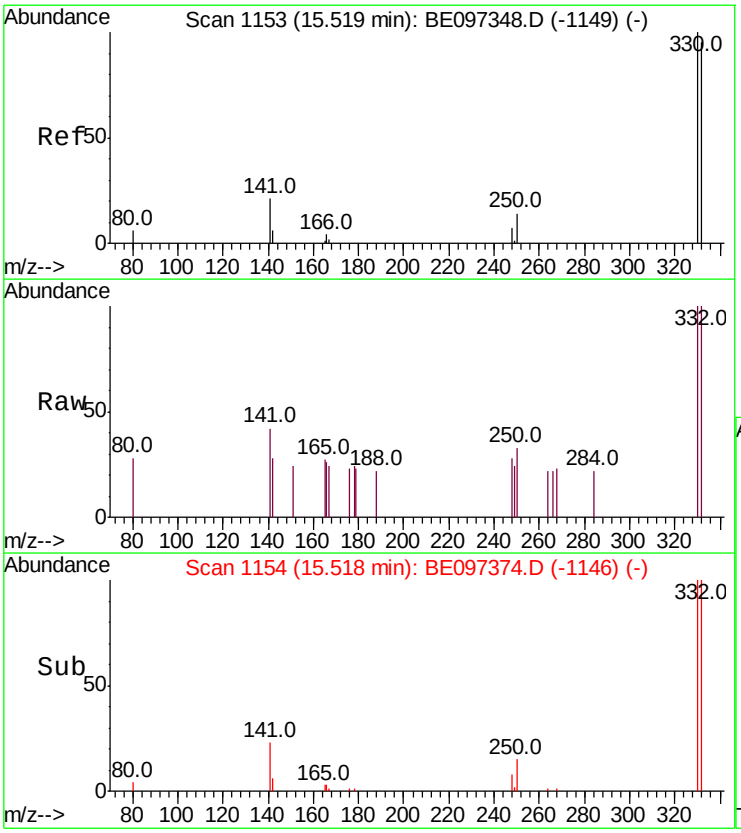
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1909

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.1	124.7
160	53.9	37.1	55.7

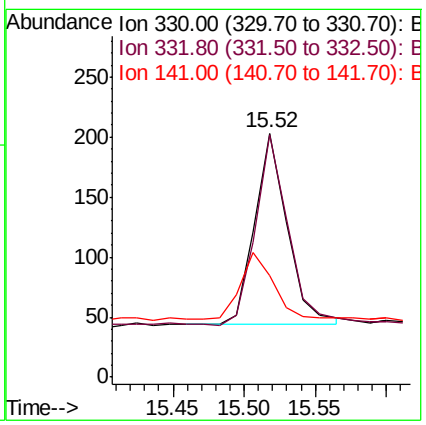


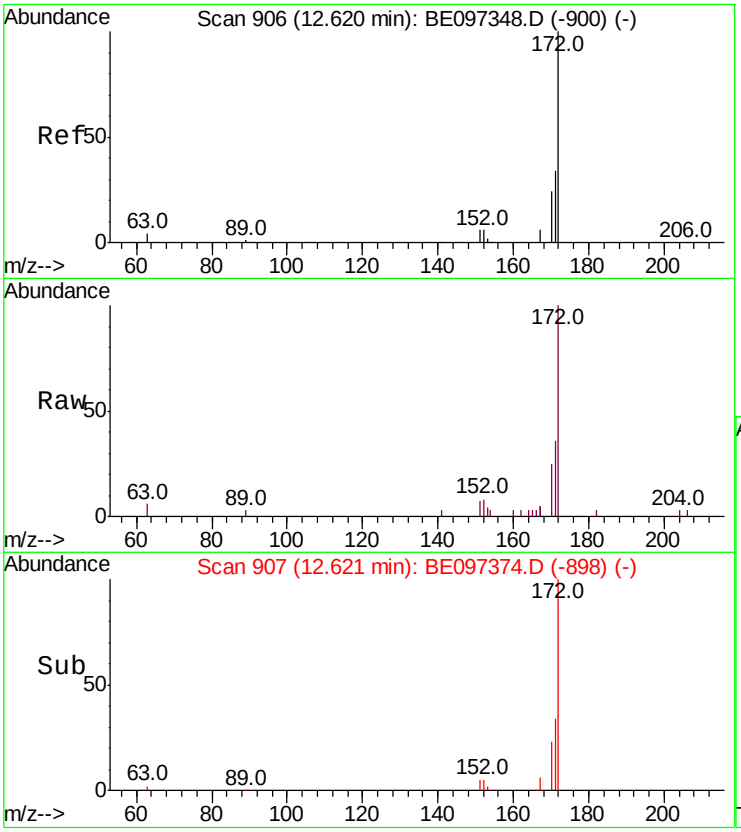


#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:330 Resp: 254

Ion	Ratio	Lower	Upper
330	100		
332	98.4	152.7	229.1#
141	39.0	33.7	50.5



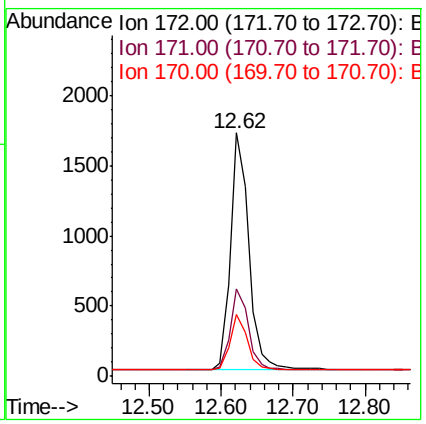


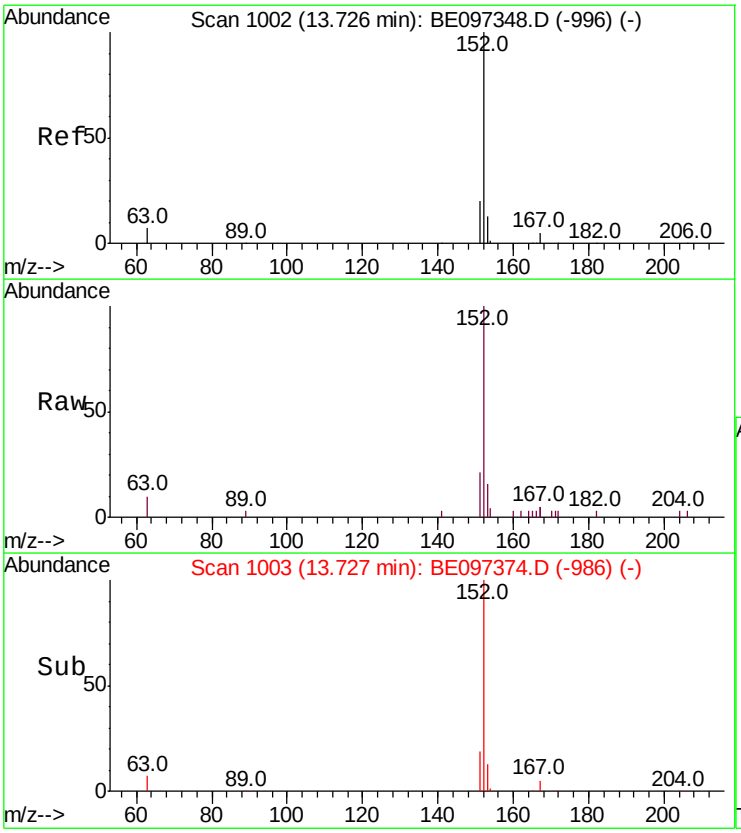
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3005

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	25.2	21.8	32.8

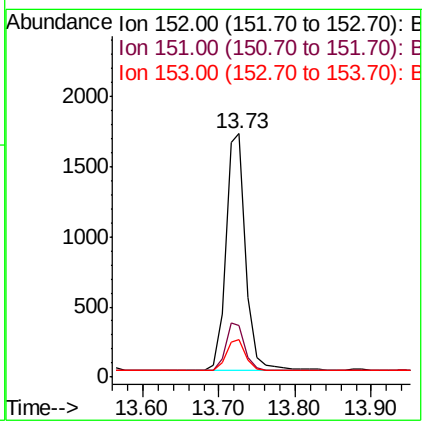


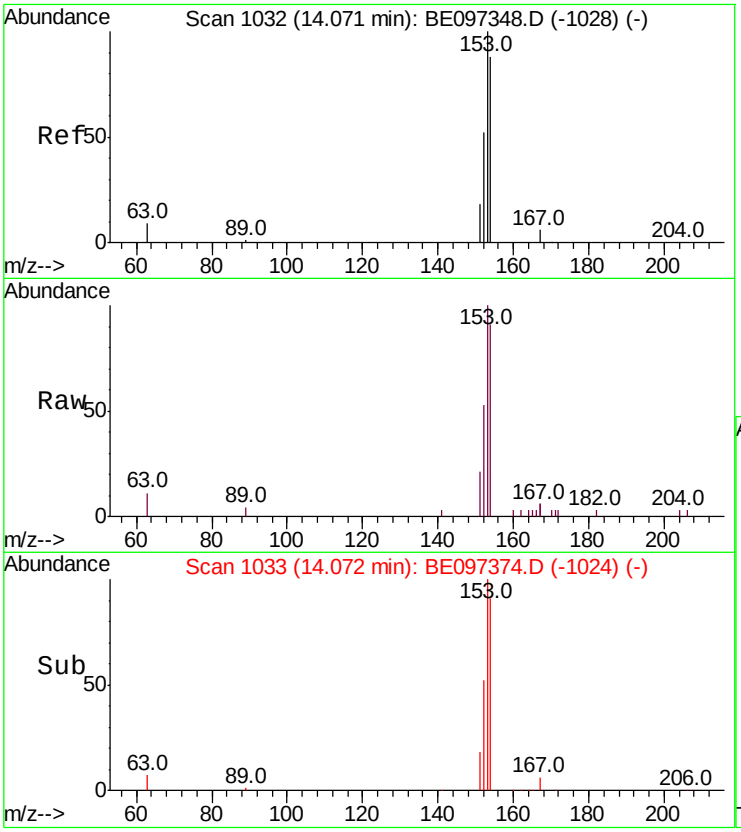


#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:152 Resp: 3134

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



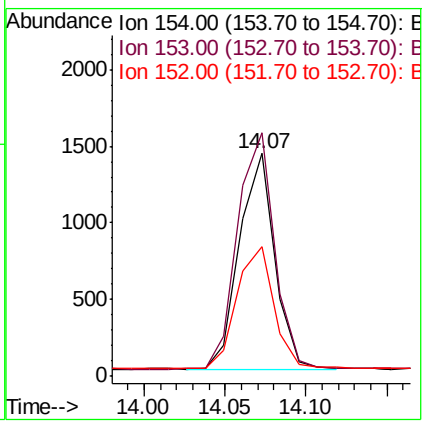


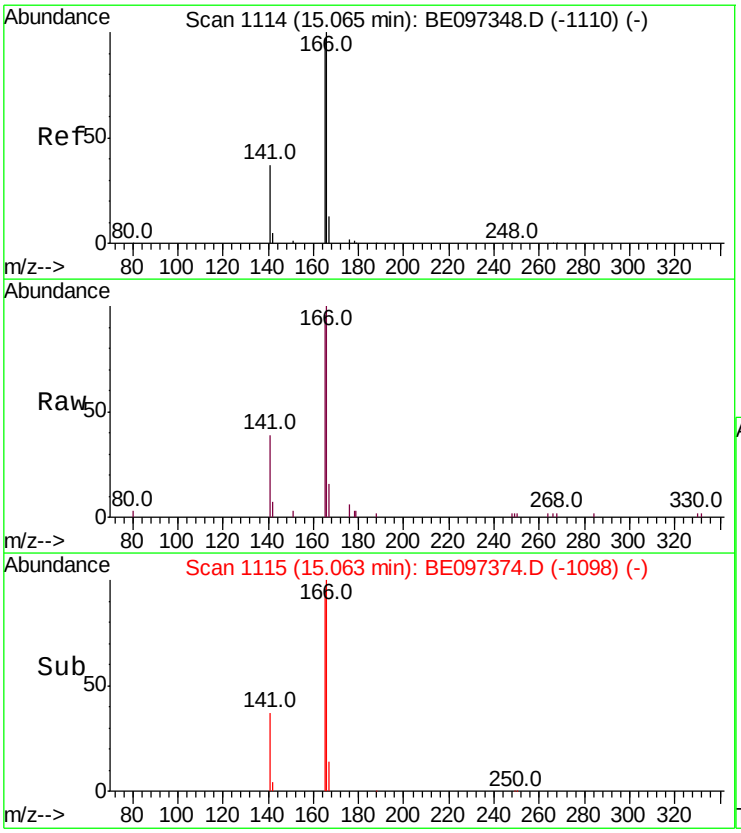
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2123

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	59.7	42.0	63.0

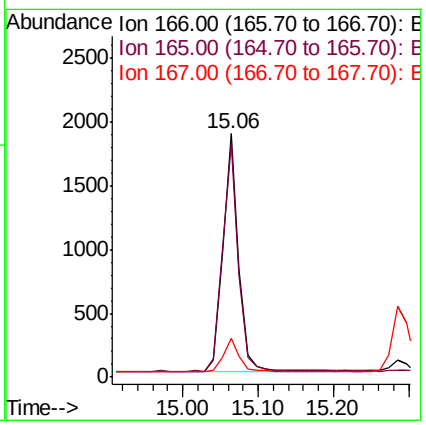


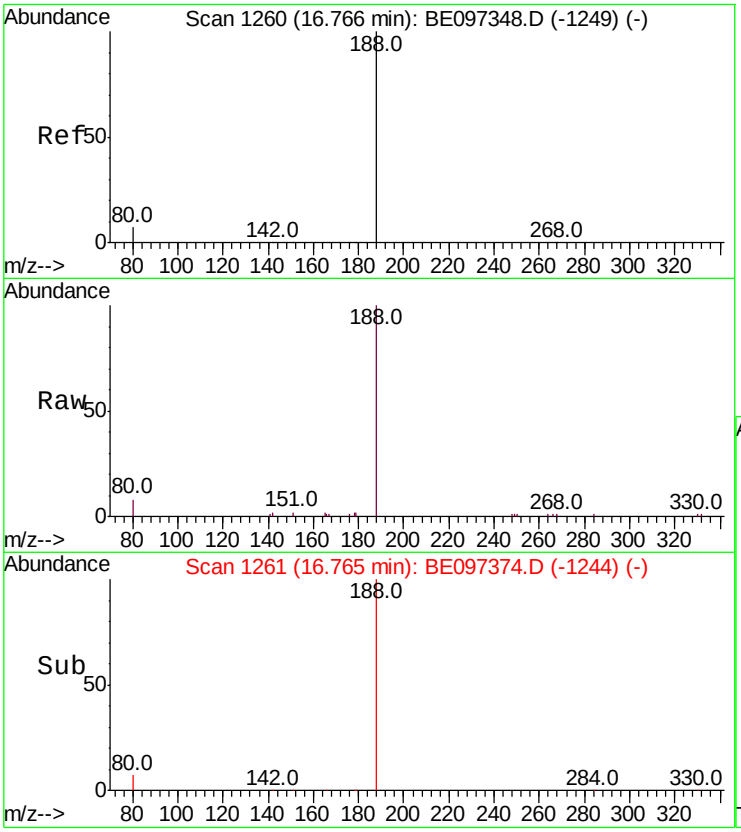


#18
Fluorene
Concen: 0.425 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:166 Resp: 2724

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	13.7	42.4	63.6#



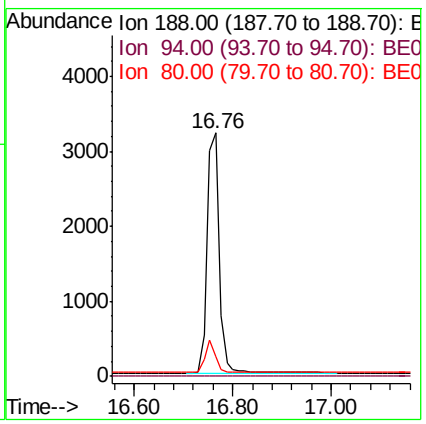


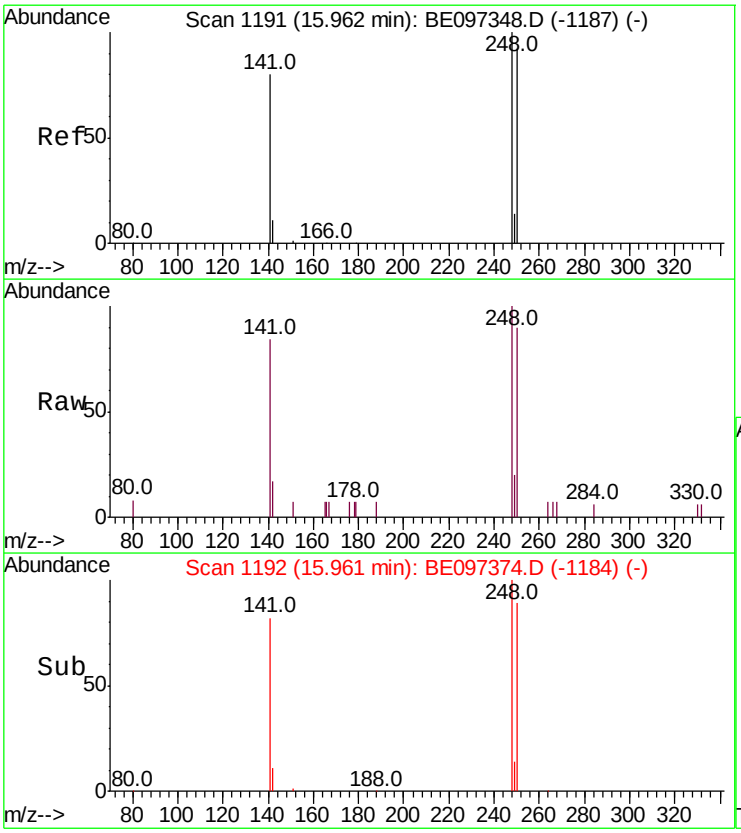
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5478

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#

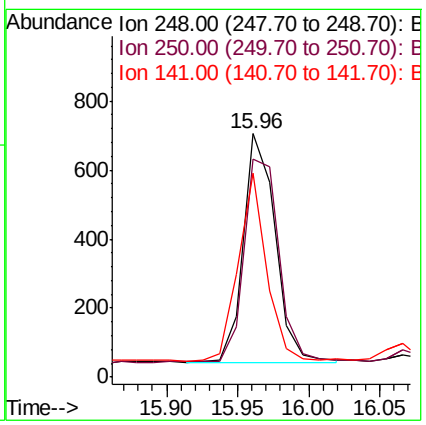


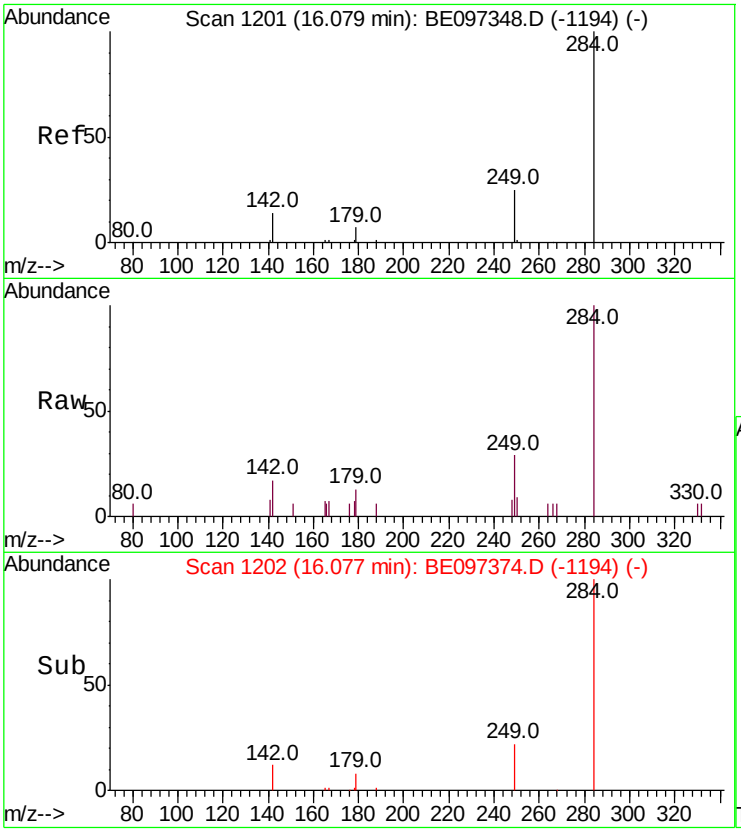


#20
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:248 Resp: 1022

Ion	Ratio	Lower	Upper
248	100		
250	89.7	62.7	94.1
141	83.9	48.2	72.2#



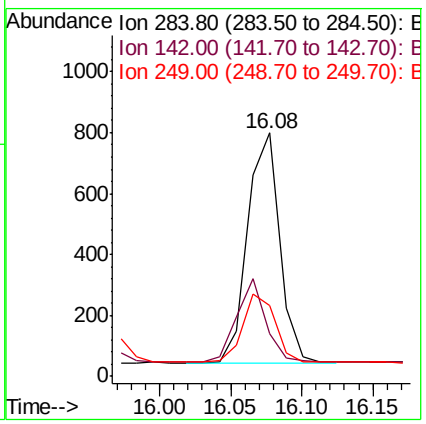


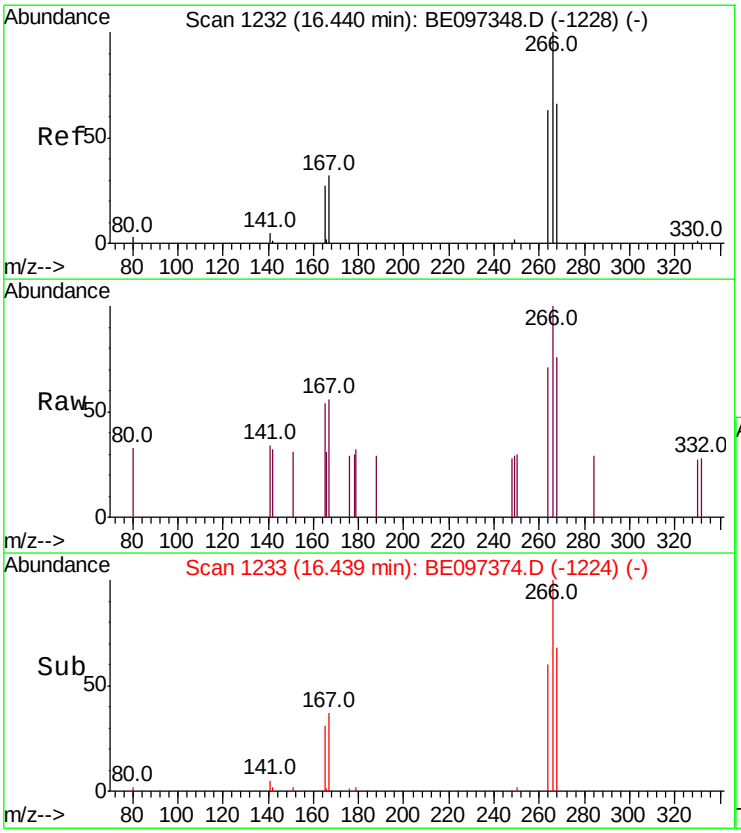
#21
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1178

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.1	33.1
249	30.1	34.8	52.2#

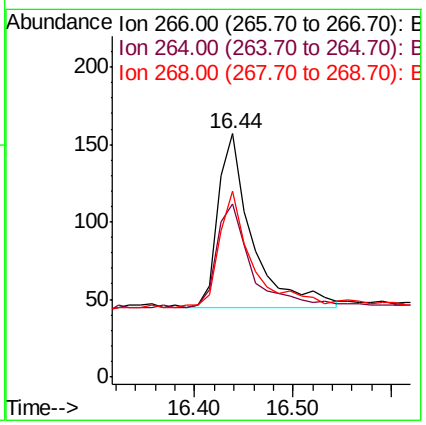


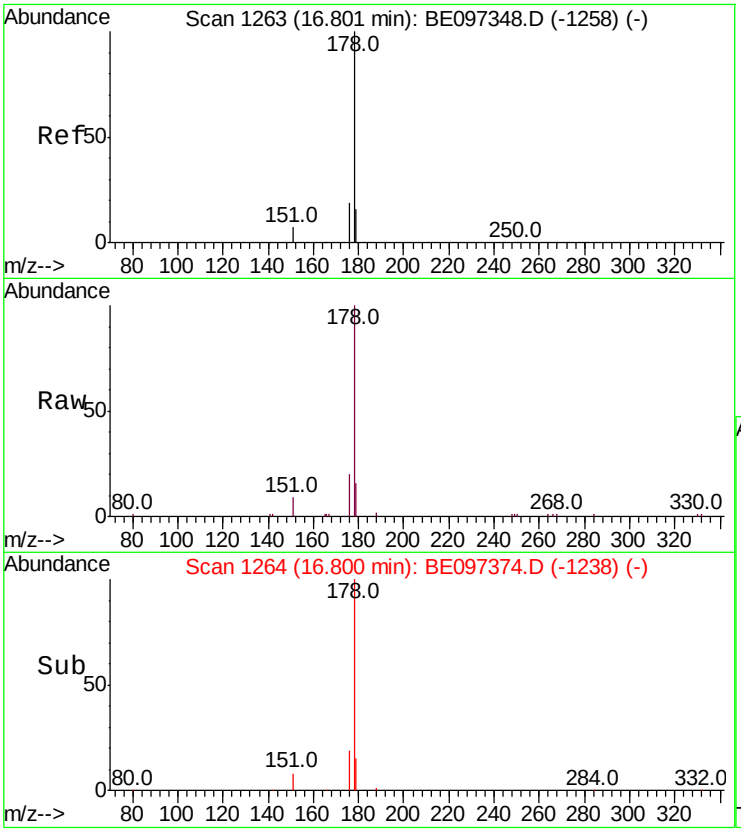


#22
Pentachlorophenol
Concen: 0.451 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:266 Resp: 266

Ion	Ratio	Lower	Upper
266	100		
264	71.3	72.5	108.7#
268	76.4	73.8	110.6



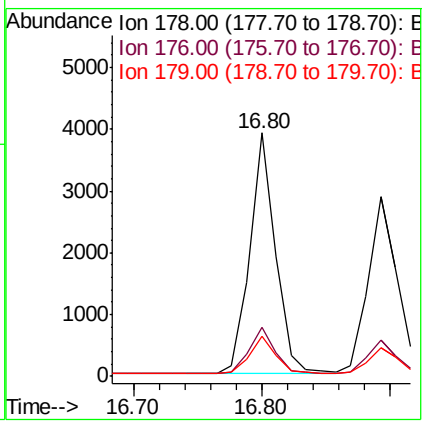


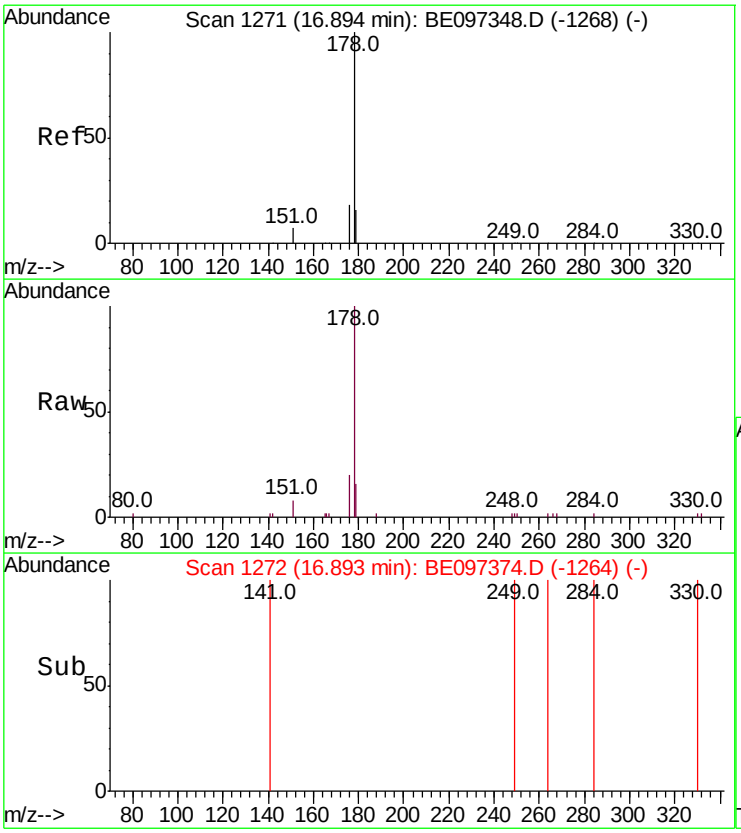
#23
Phenanthrene
Concen: 0.419 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5466

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	11.8	17.6

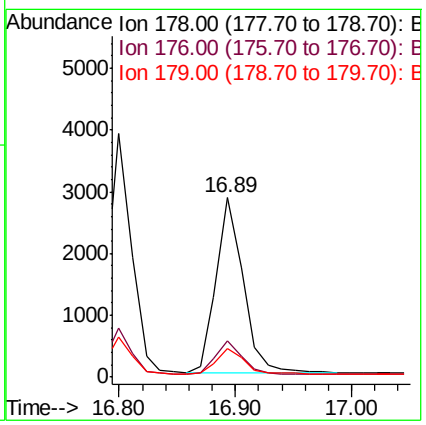


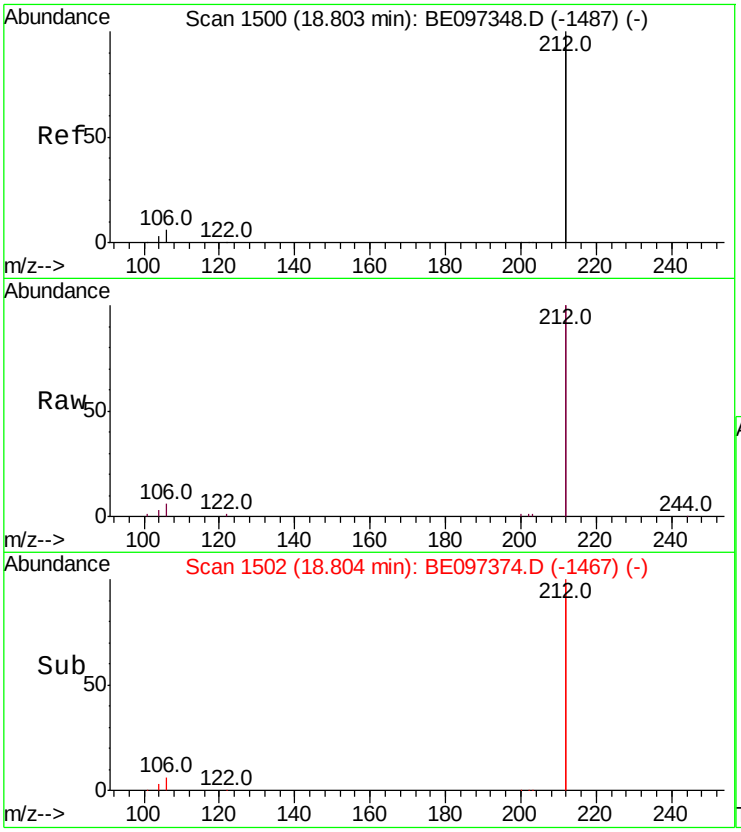


#24
Anthracene
Concen: 0.408 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:178 Resp: 4524

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.0	13.0	19.6



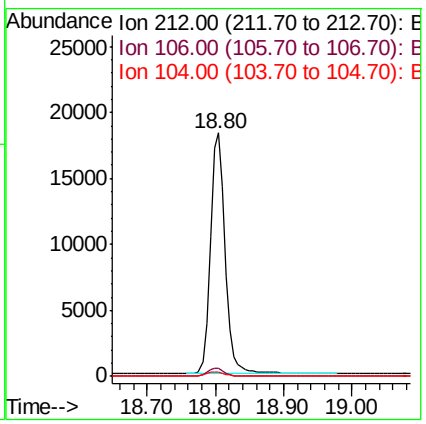


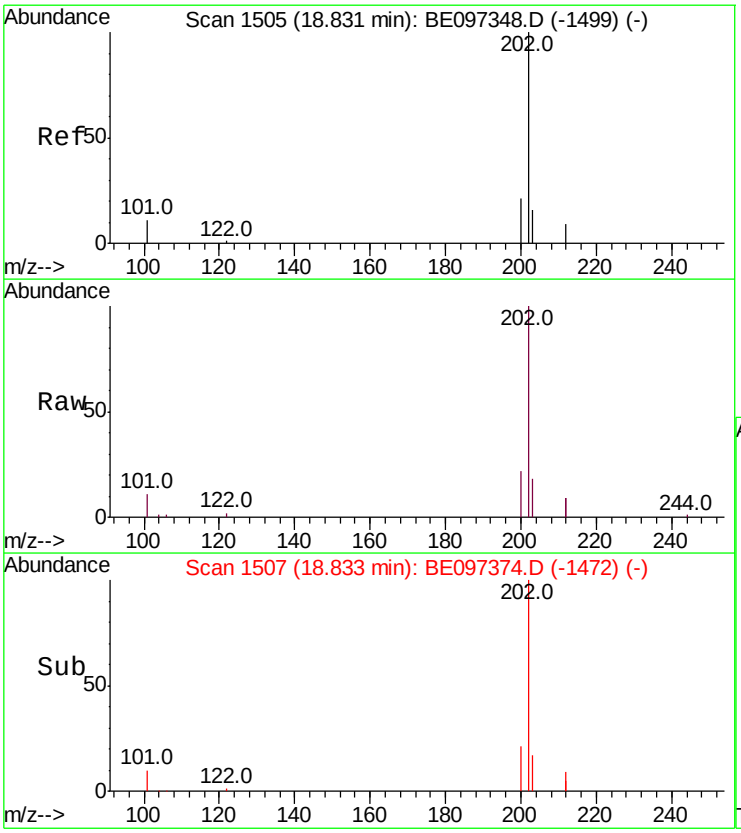
#25
Fluoranthene-d10
Concen: 0.443 ng
RT: 18.80 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 27825

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

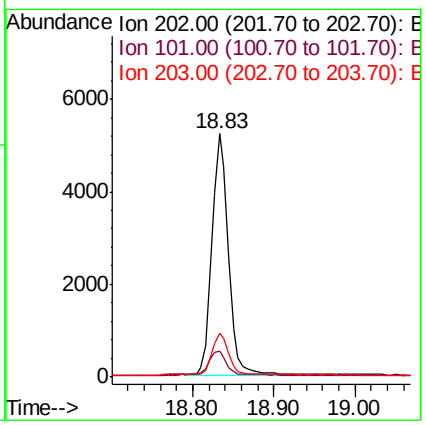


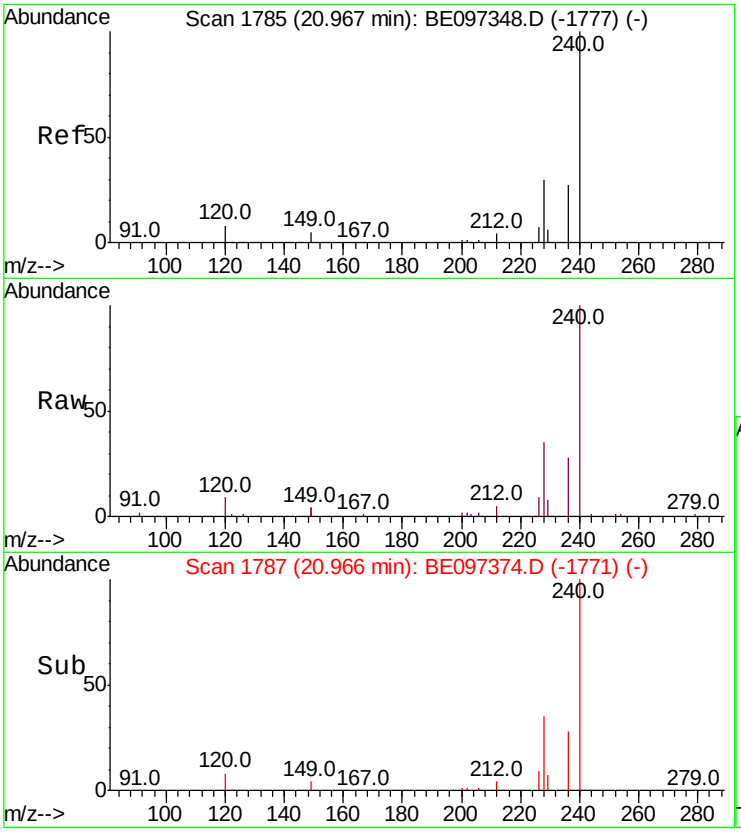


#26
Fluoranthene
Concen: 0.444 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:202 Resp: 7262

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.2	13.7	20.5



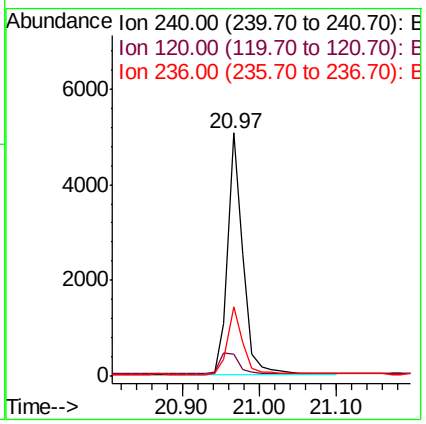


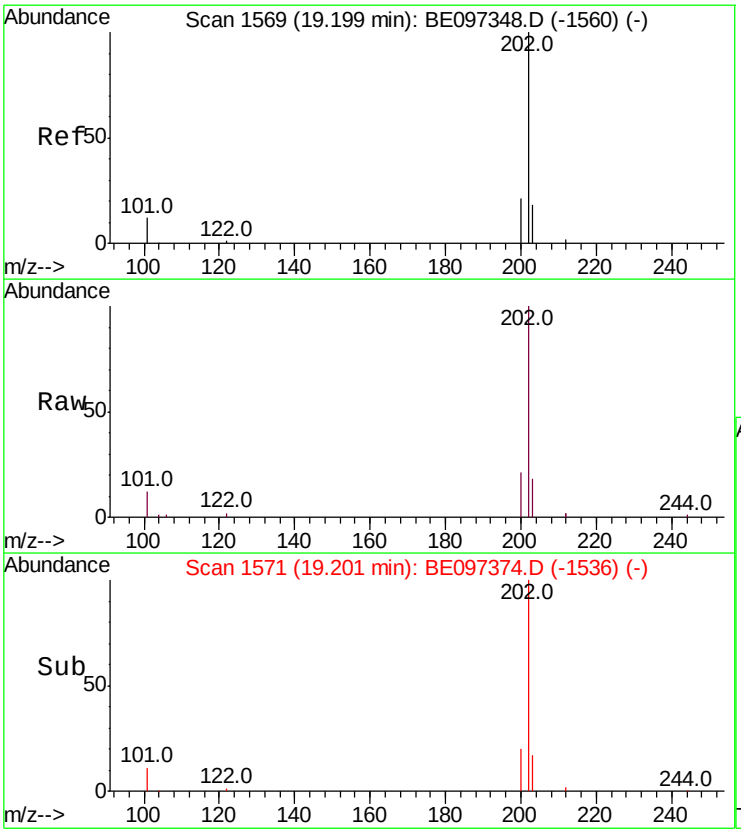
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6894

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.5	8.3#
236	28.4	20.7	31.1

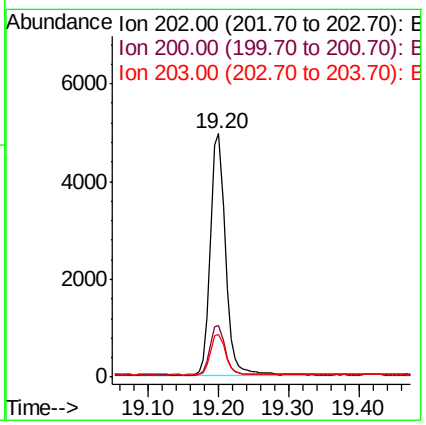


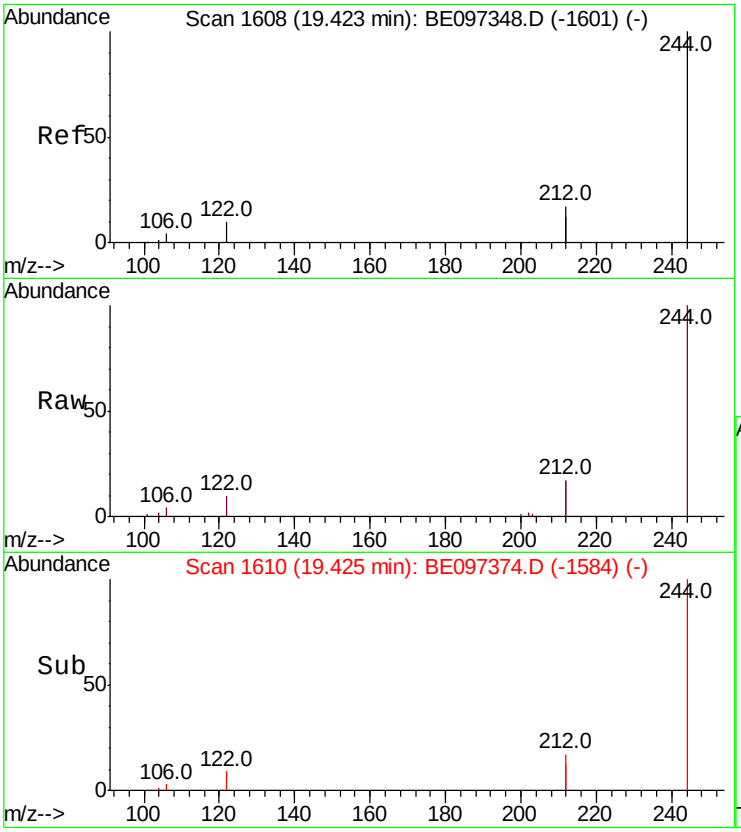


#28
Pyrene
Concen: 0.443 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:202 Resp: 7272

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.2	13.8	20.8



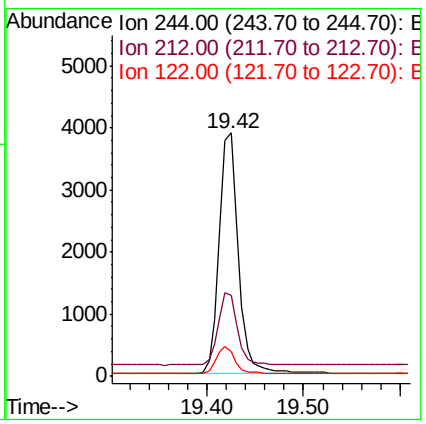


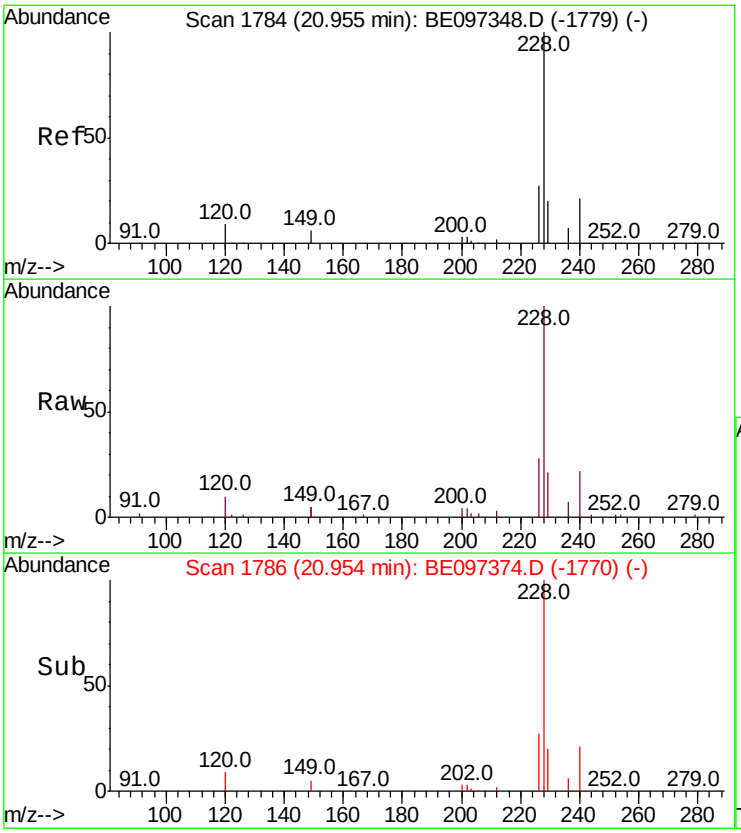
#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.42 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5426

Ion	Ratio	Lower	Upper
244	100		
212	33.1	25.4	38.0
122	10.2	8.1	12.1

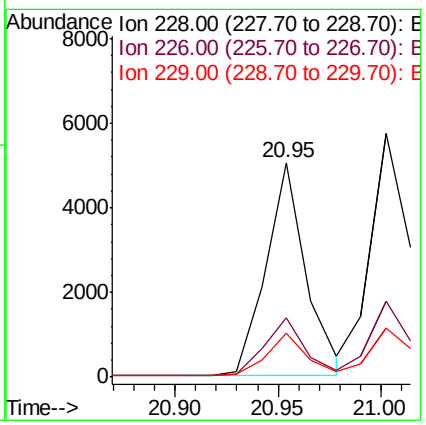


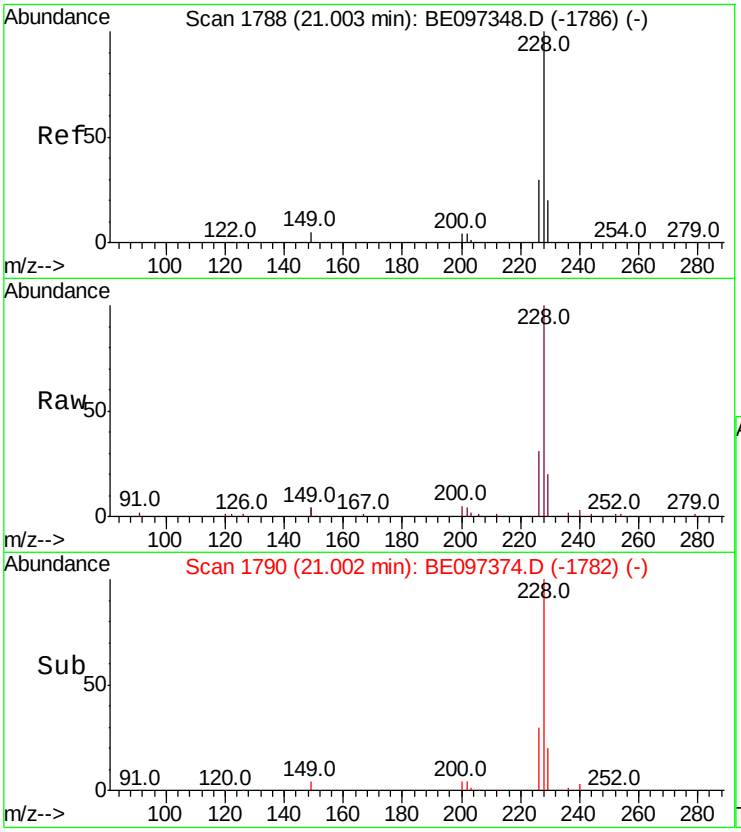


#30
Benzo(a)anthracene
Concen: 0.391 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:228 Resp: 6810

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	20.6	16.0	24.0



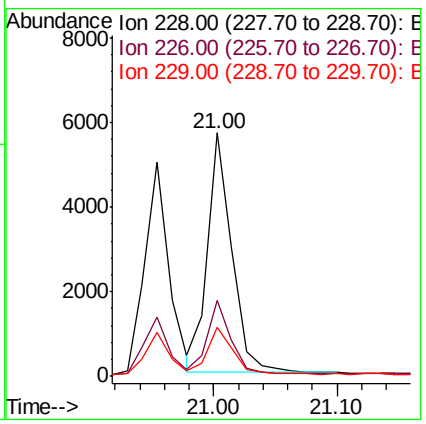


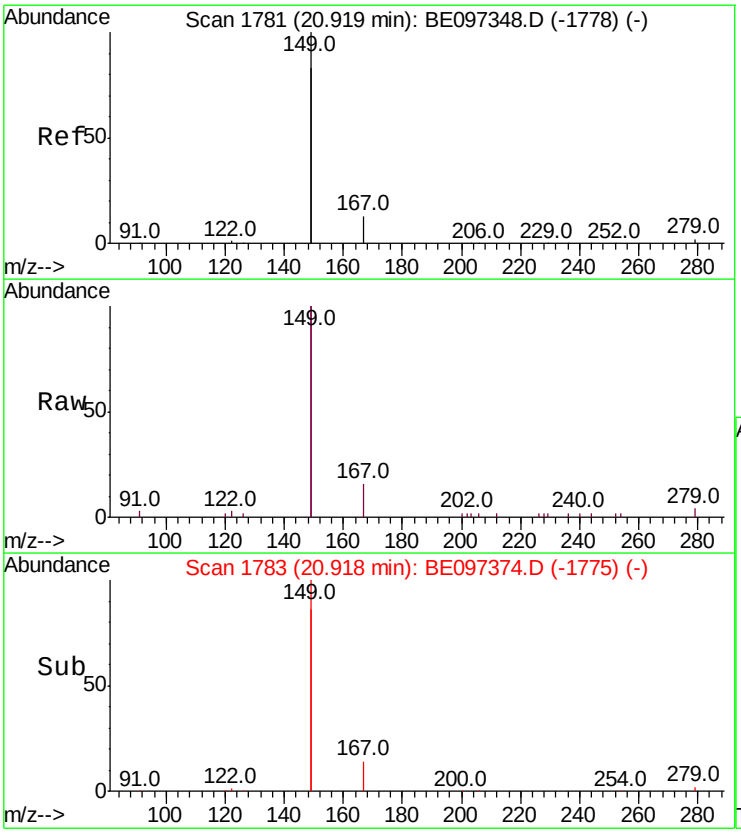
#31
Chrysene
Concen: 0.417 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7833

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	20.2	16.0	24.0

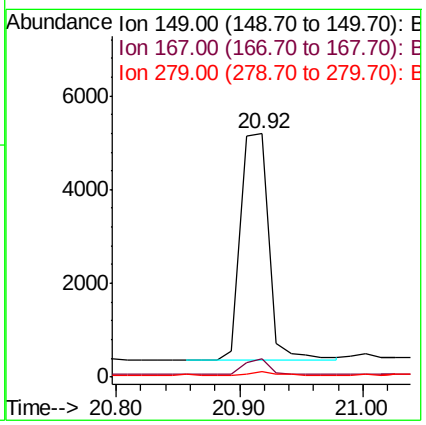


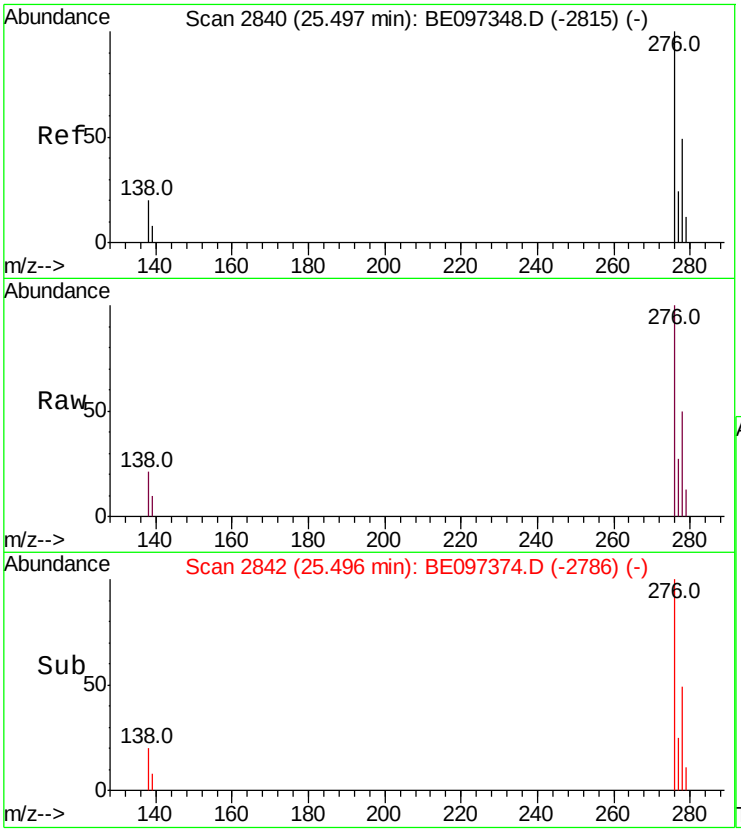


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 20.92 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:149 Resp: 7642

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



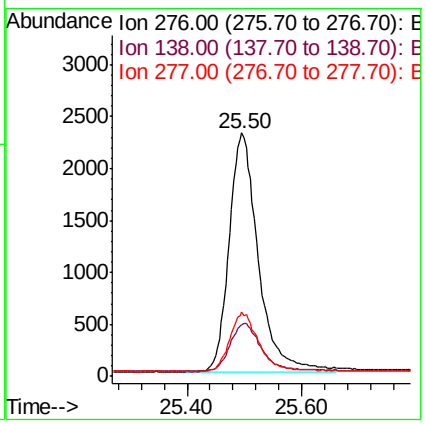


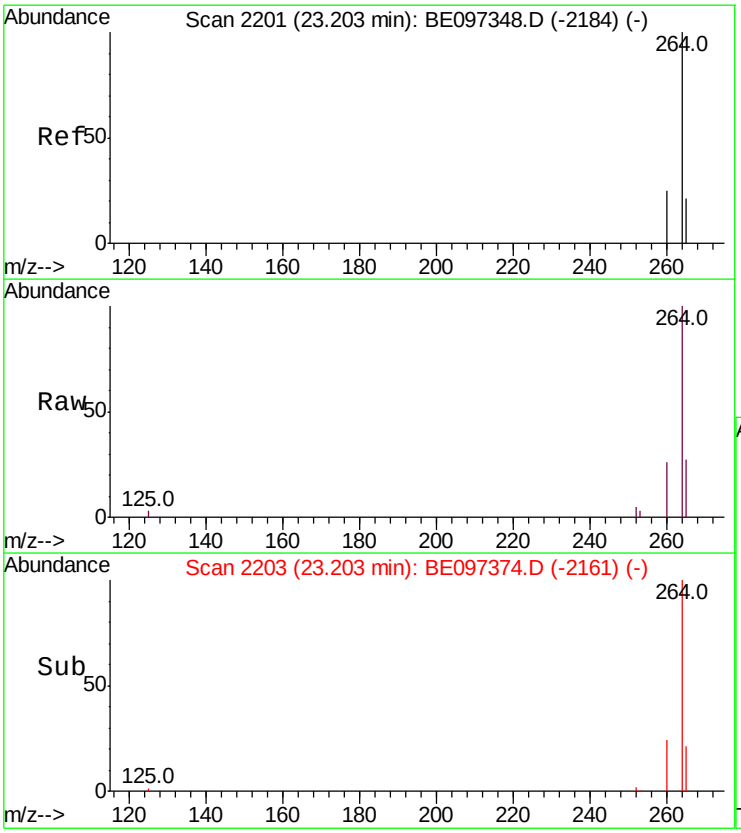
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng
RT: 25.50 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8103

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	24.7	19.9	29.9

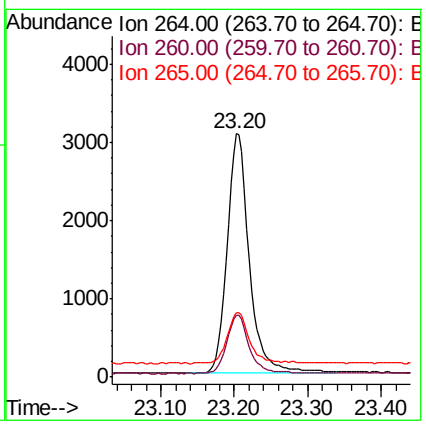


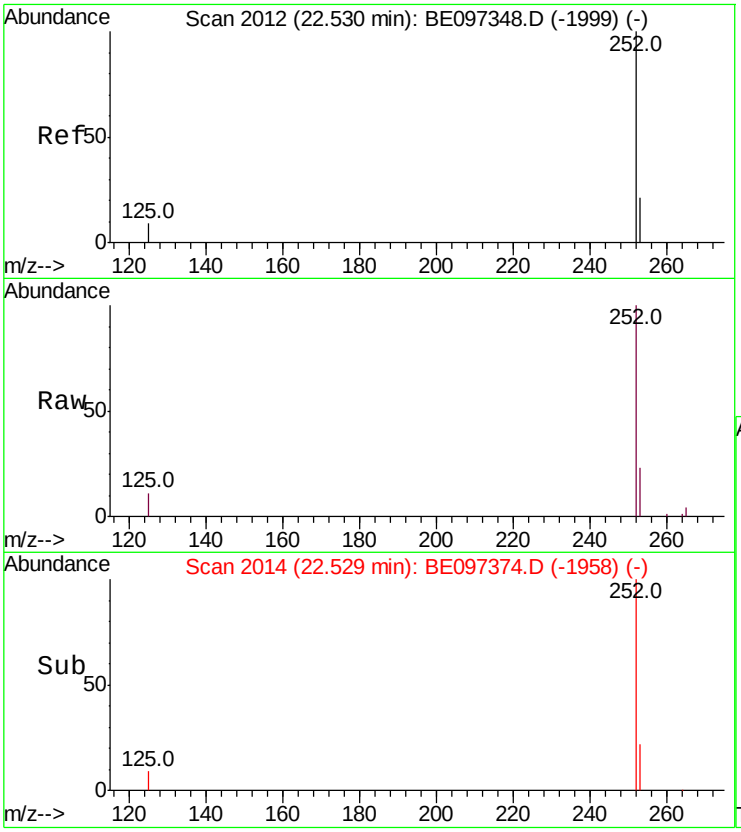


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:264 Resp: 6537

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.7	22.8	34.2



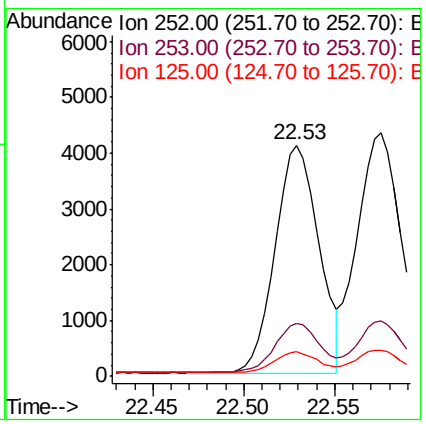


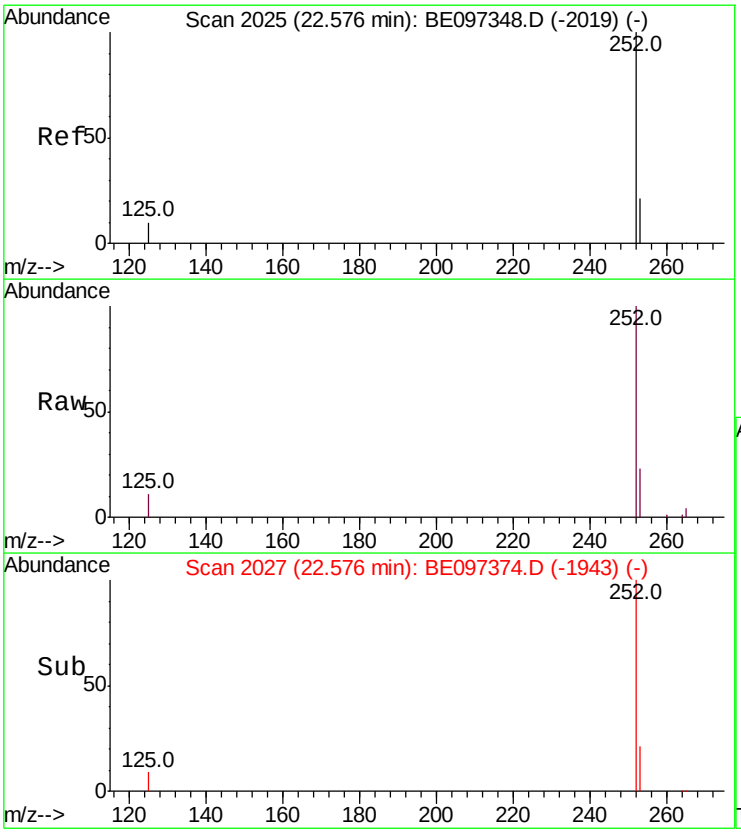
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6769

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	10.5	16.0	24.0#

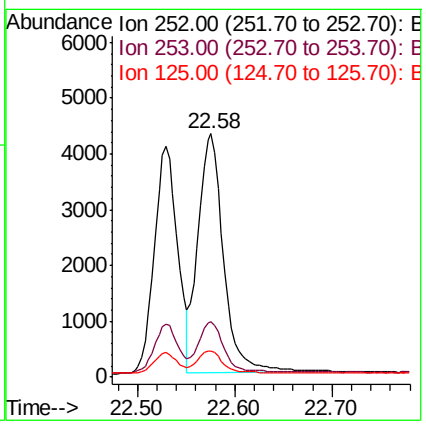


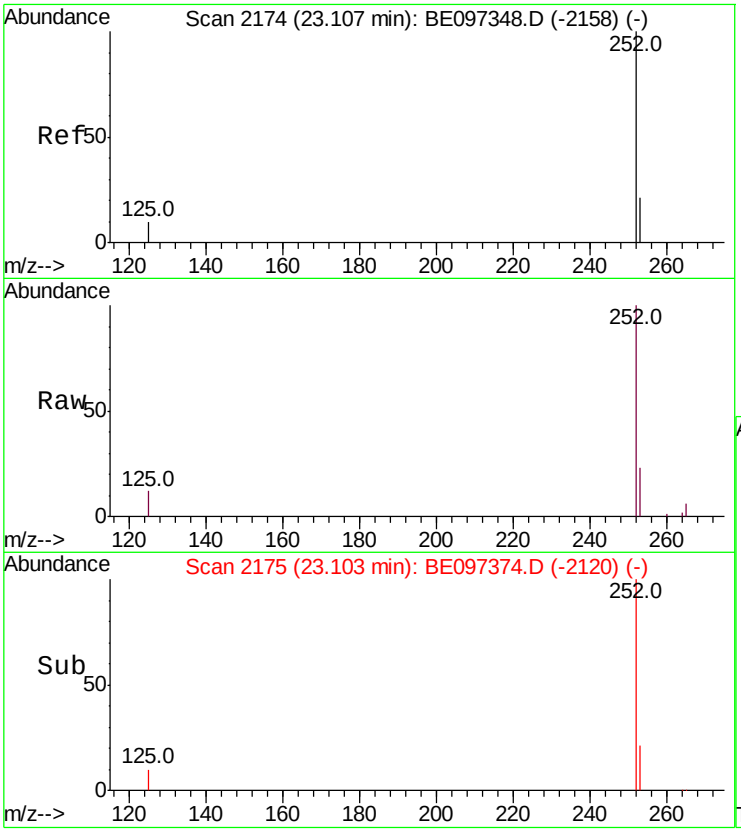


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:252 Resp: 7838

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.8	8.0	12.0



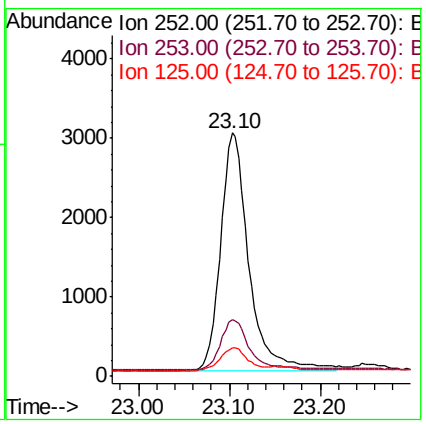


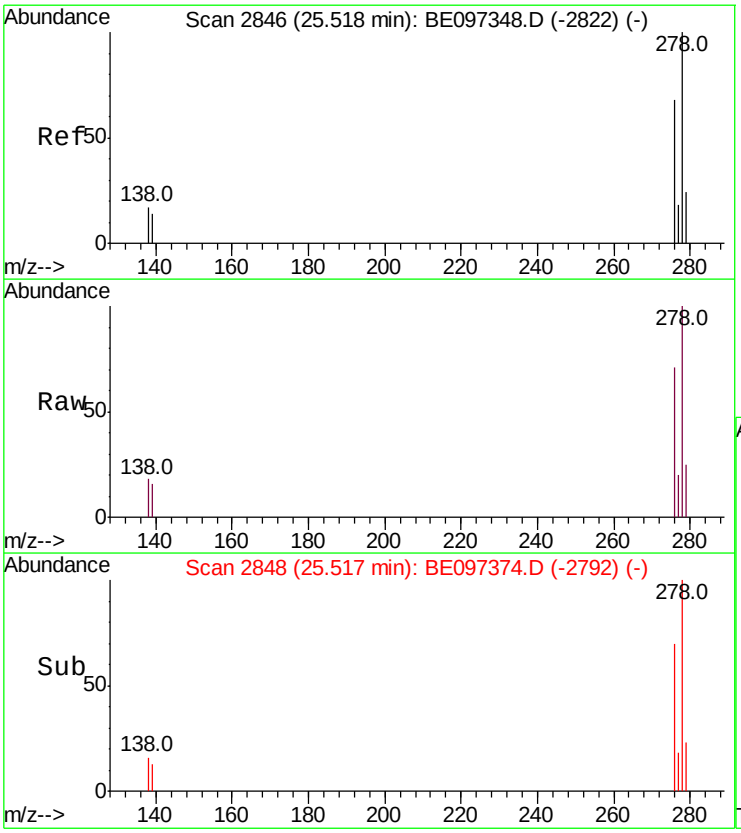
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6517

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	12.0	12.0	18.0#

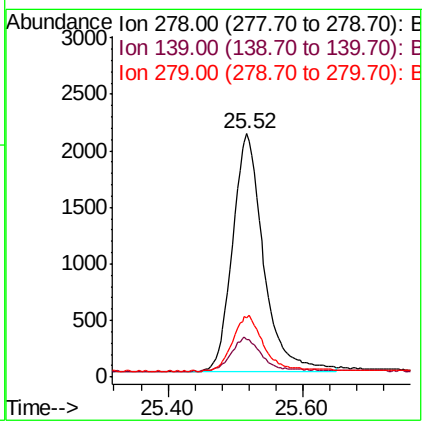


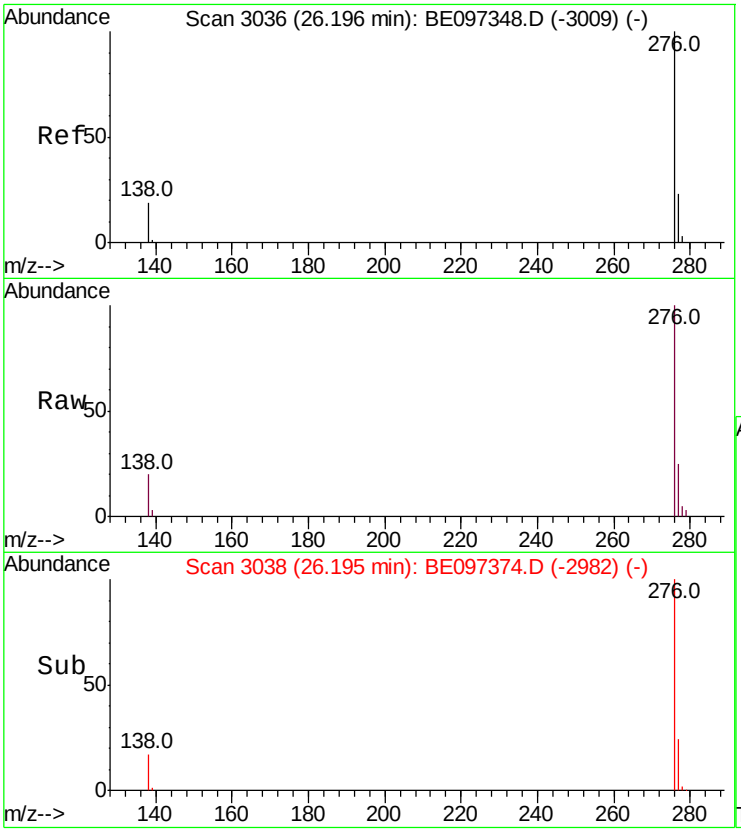


#38
Dibenzo(a,h)anthracene
Concen: 0.333 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Tgt Ion:278 Resp: 6732

Ion	Ratio	Lower	Upper
278	100		
139	15.5	16.0	24.0#
279	24.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.19 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE097374.D
Acq: 28 Aug 2018 11:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6988

Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	19.6	20.0	30.0#