Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097646.D
Acq On : 24 Sep 2018 15:44
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 24 16:29:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 16:28:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	743	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3765	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2576	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	8008	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8539	0.40	ng		0.00
34) Perylene-d12	23.20	264	7901	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	690	0.31	ng		0.00
5) Phenol-d6	6.62	99	824	0.29	ng		0.00
8) Nitrobenzene-d5	8.54	82	820	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2091	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	347	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	3152	0.35	ng		0.00
25) Fluoranthene-d10	18.80	212	31298	0.31	ng		0.00
29) Terphenyl-d14	19.42	244	6153	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	475	0.361	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	294	0.253	ng	#	82
6) bis(2-Chloroethyl)ether	6.84	93	927	0.351	ng	#	67
9) Naphthalene	10.19	128	12748	0.376	ng		99
10) Hexachlorobutadiene	10.46	225	572	0.366	ng		98
12) 2-Methylnaphthalene	11.80	142	2022	0.382	ng		97
16) Acenaphthylene	13.72	152	3710	0.364	ng		99
17) Acenaphthene	14.06	154	2506	0.367	ng		96
18) Fluorene	15.06	166	3487	0.392	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1315	0.364	ng		86
21) Hexachlorobenzene	16.07	284	1525	0.384	ng	#	85
22) Pentachlorophenol	16.45	266	272	0.196	ng		82
23) Phenanthrene	16.80	178	7031	0.370	ng		99
24) Anthracene	16.89	178	5605	0.334	ng		97
26) Fluoranthene	18.83	202	8150	0.309	ng		99
28) Pyrene	19.20	202	8308	0.427	ng		99
30) Benzo(a)anthracene	20.95	228	7010	0.326	ng		97
31) Chrysene	21.00	228	9177	0.398	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	8078	0.189	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	9365	0.337	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	7497	0.370	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	8903	0.385	ng		96
37) Benzo(a)pyrene	23.11	252	7201	0.346	ng	#	92
38) Dibenzo(a,h)anthracene	25.53	278	7476	0.352	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	7679	0.372	ng	#	90

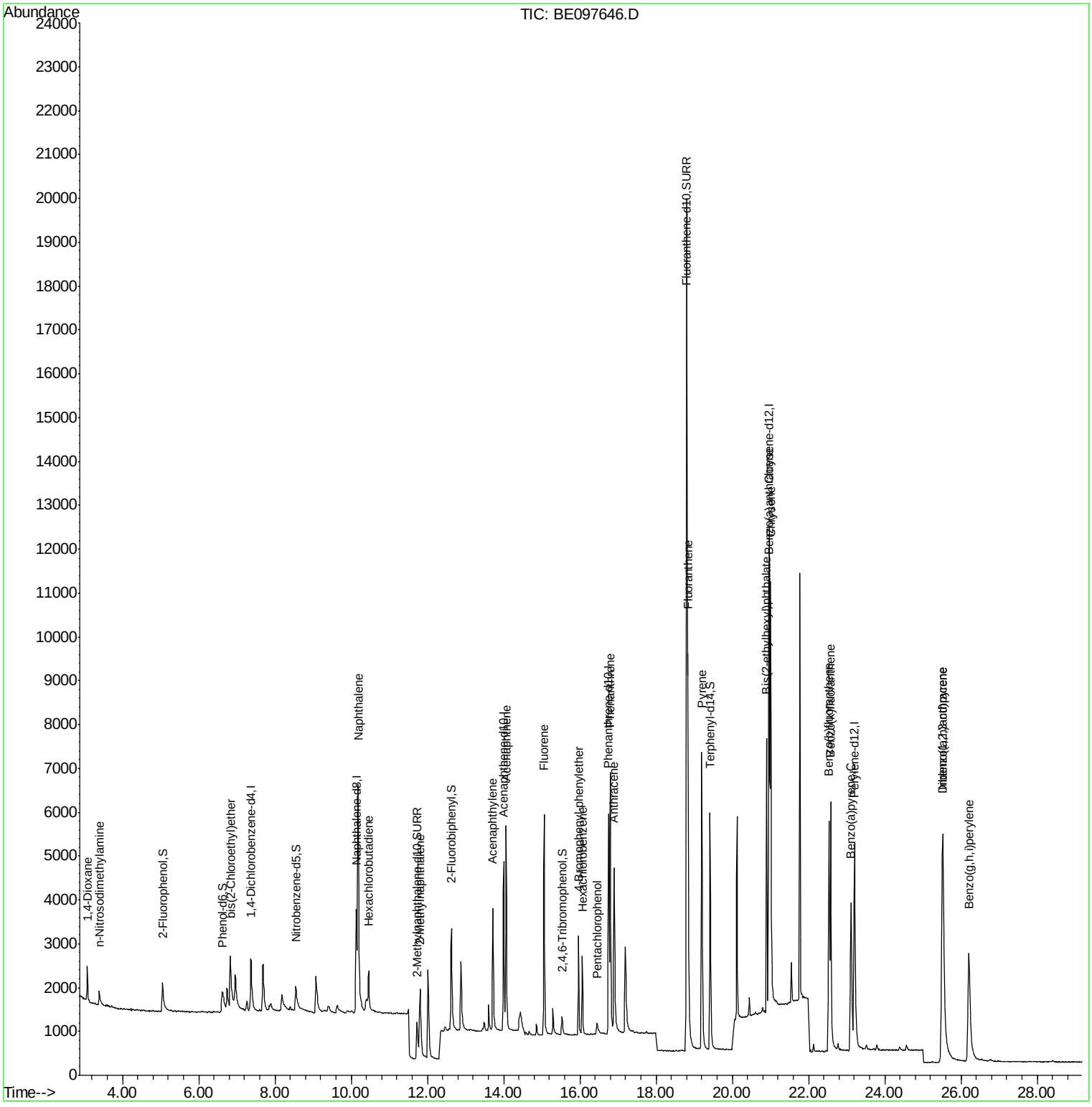
(#) = qualifier out of range (m) = manual integration (+) = signals summed

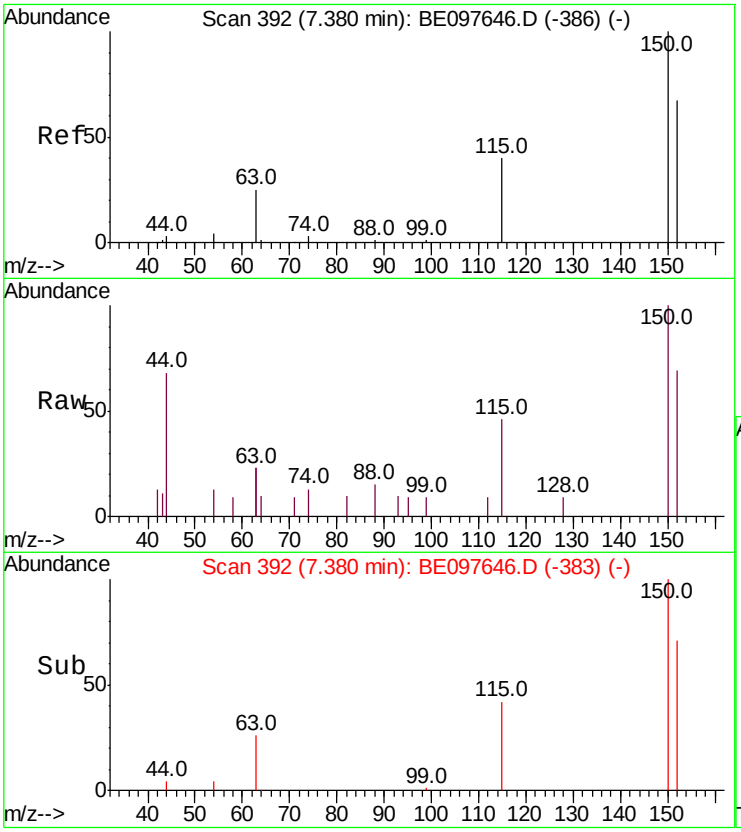
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097646.D
Acq On : 24 Sep 2018 15:44
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 24 16:29:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 16:28:05 2018
Response via : Initial Calibration



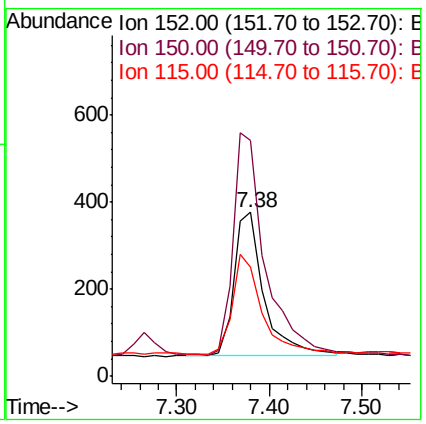


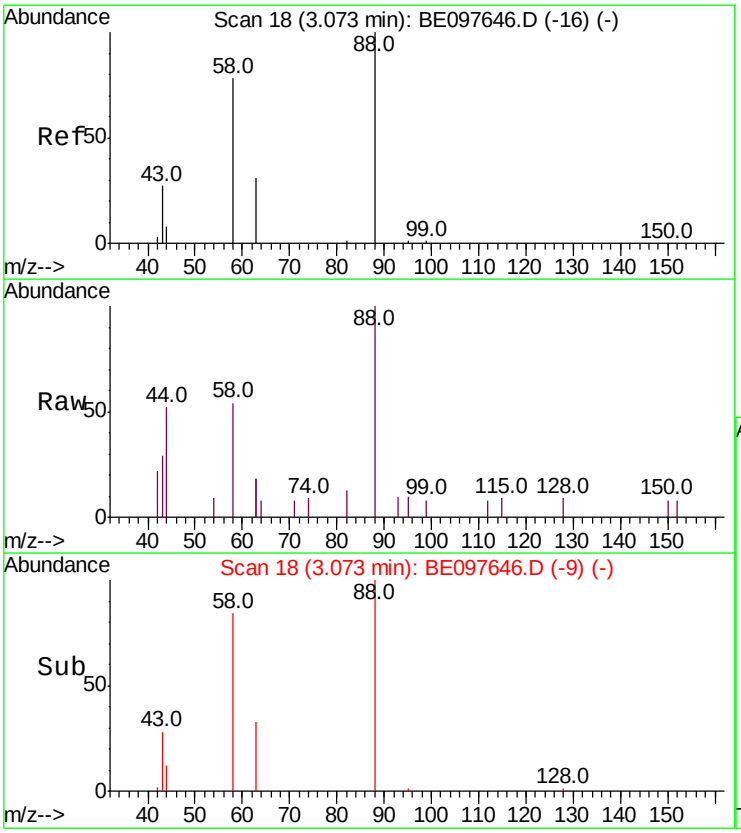
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 743

Ion	Ratio	Lower	Upper
152	100		
150	144.1	117.2	175.8
115	66.5	57.0	85.6

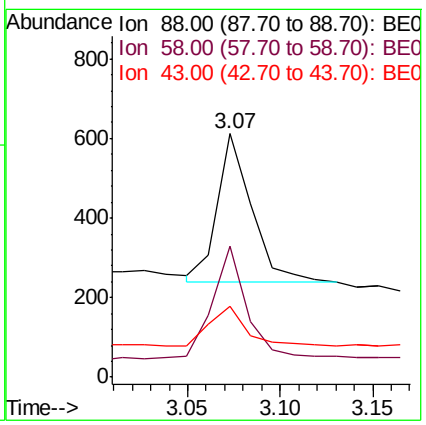


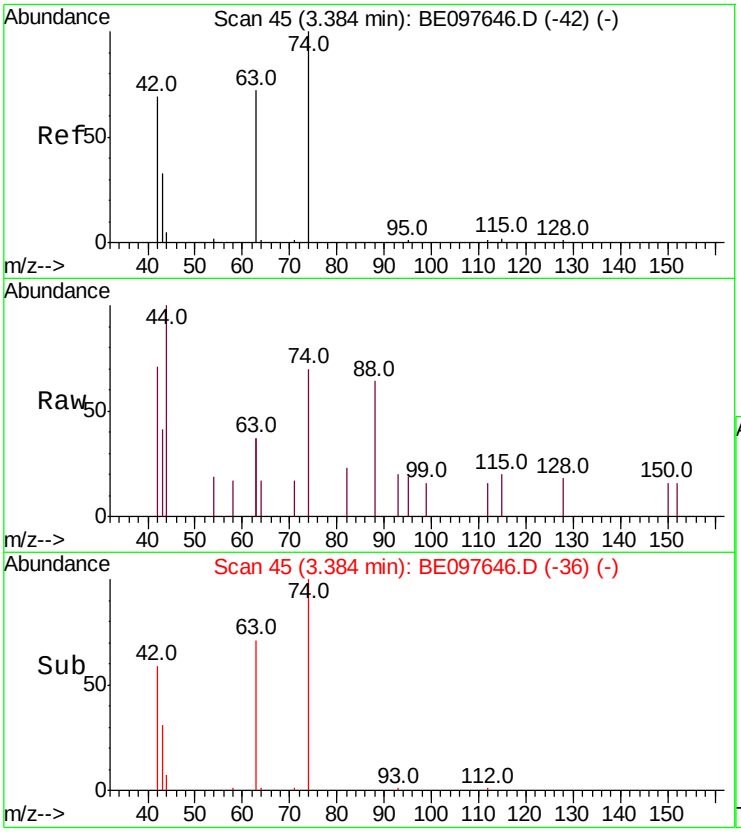


#2
1,4-Dioxane
Concen: 0.361 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion: 88 Resp: 475

Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.2	94.8
43	29.7	41.2	61.8#



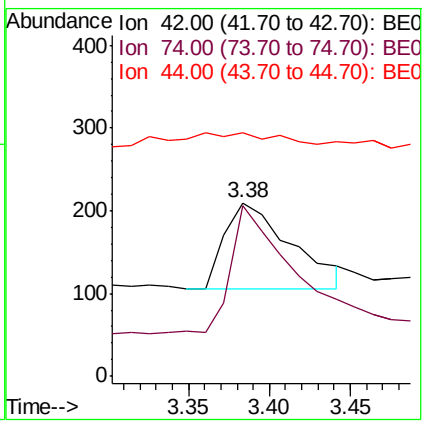


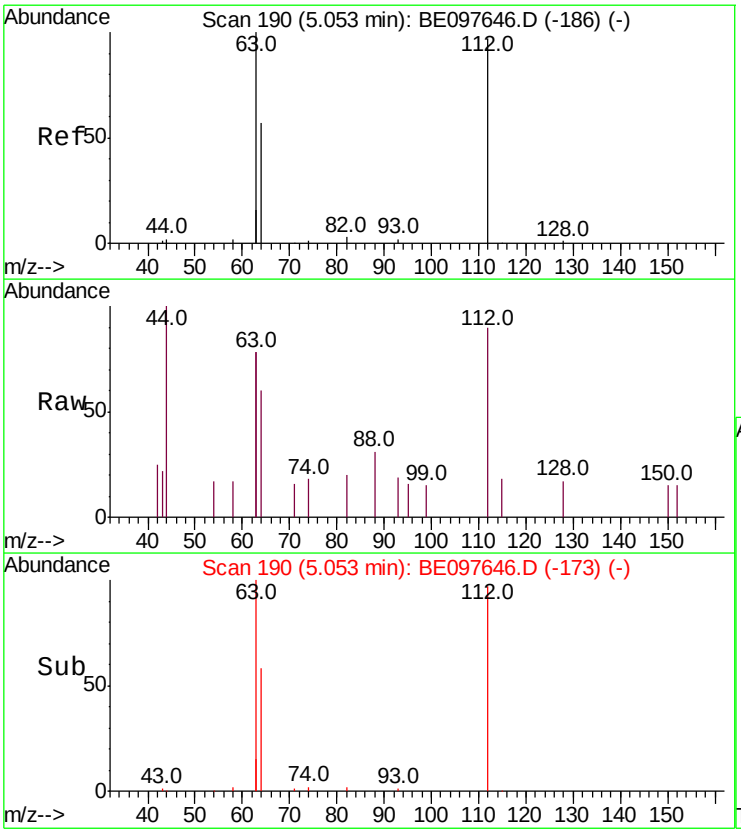
#3
n-Nitrosodimethylamine
Concen: 0.253 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 294

Ion	Ratio	Lower	Upper
42	100		
74	138.1	96.0	144.0
44	0.0	12.0	18.0#

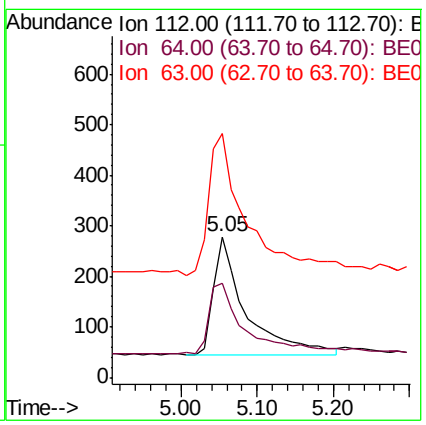


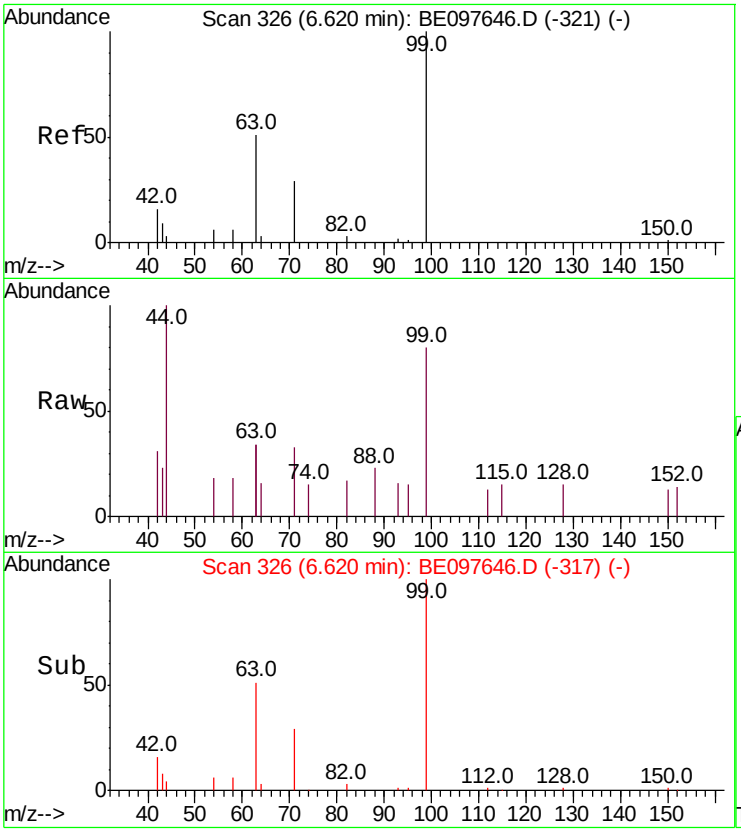


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:112 Resp: 690

Ion	Ratio	Lower	Upper
112	100		
64	65.4	60.1	90.1
63	138.8	116.8	175.2



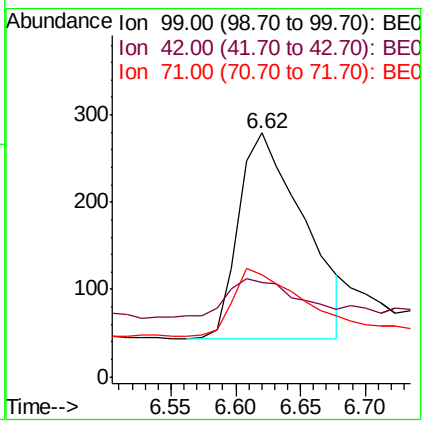


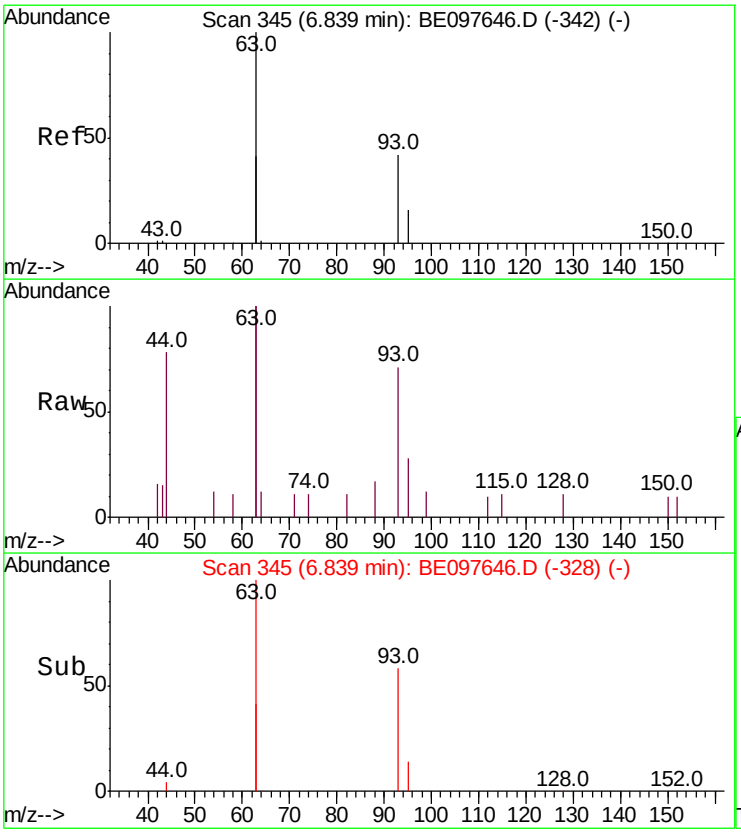
#5
Phenol-d6
Concen: 0.289 ng
RT: 6.62 min Scan# 326
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 824

Ion	Ratio	Lower	Upper
99	100		
42	18.9	20.2	30.2#
71	33.0	28.4	42.6

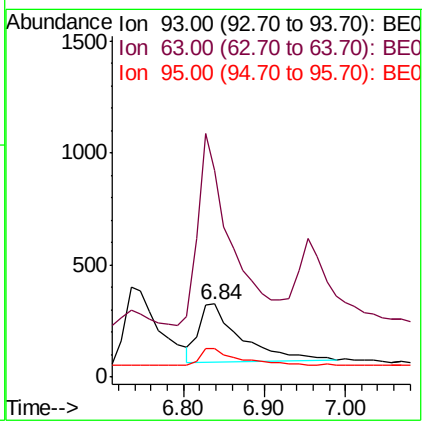


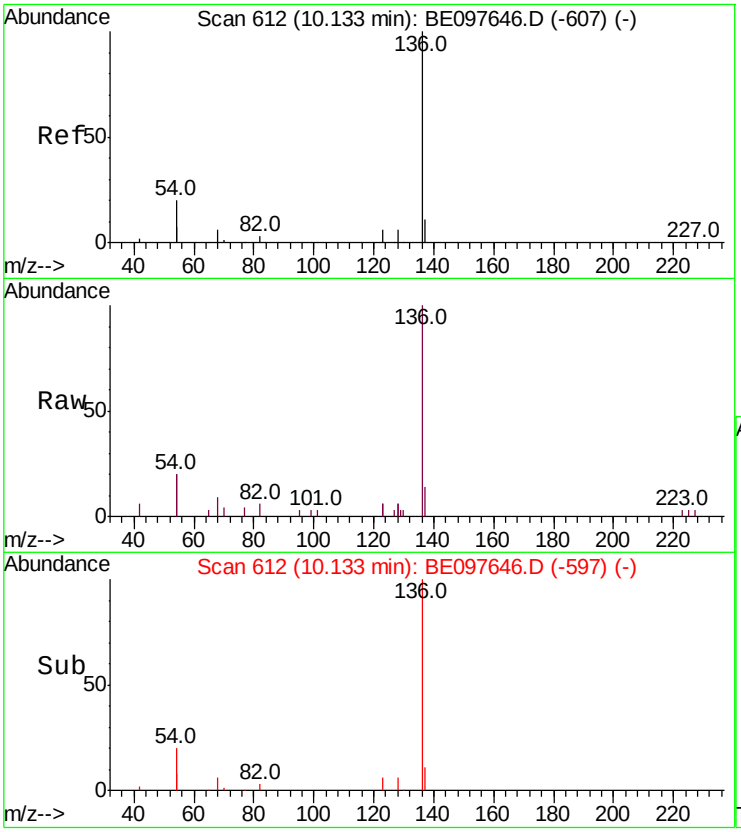


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion: 93 Resp: 927

Ion	Ratio	Lower	Upper
93	100		
63	267.7	275.3	412.9#
95	27.3	25.2	37.8



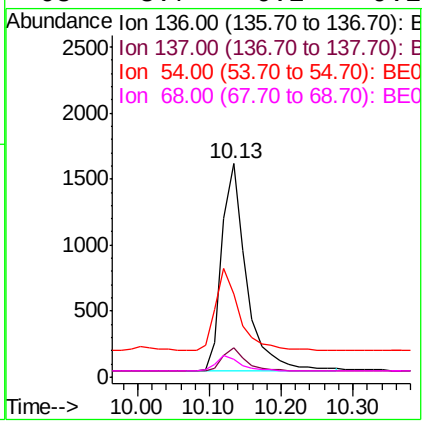


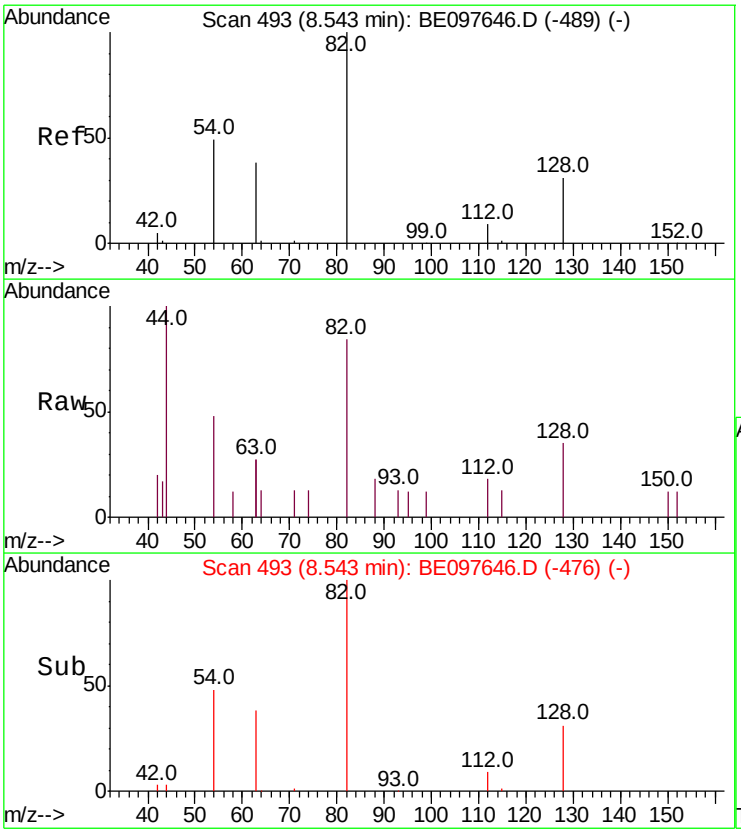
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3765

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	39.1	29.1	43.7
68	8.7	6.2	9.2

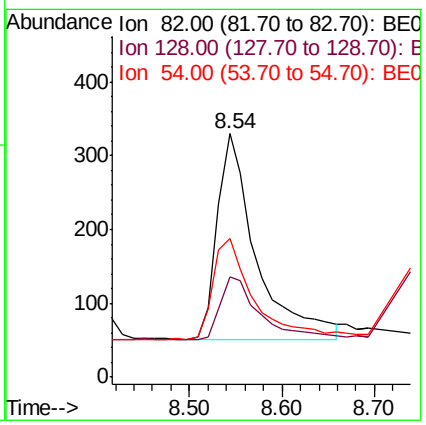


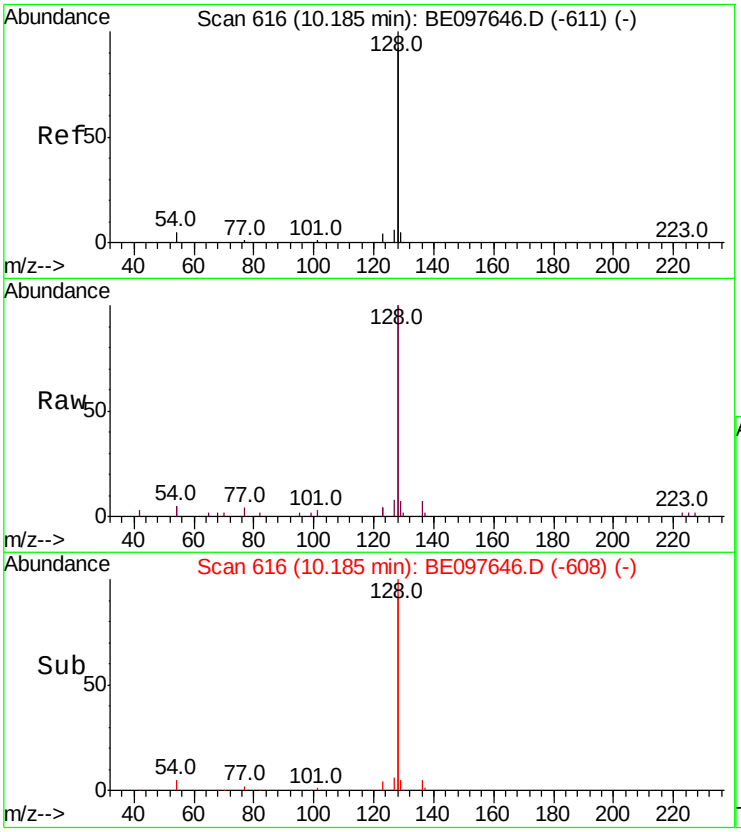


#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.54 min Scan# 493
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion: 82 Resp: 820

Ion	Ratio	Lower	Upper
82	100		
128	41.2	24.0	36.0#
54	57.0	40.0	60.0



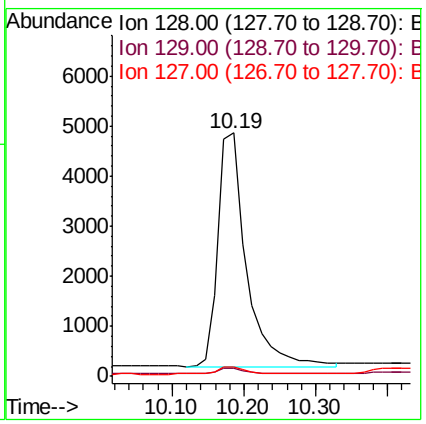


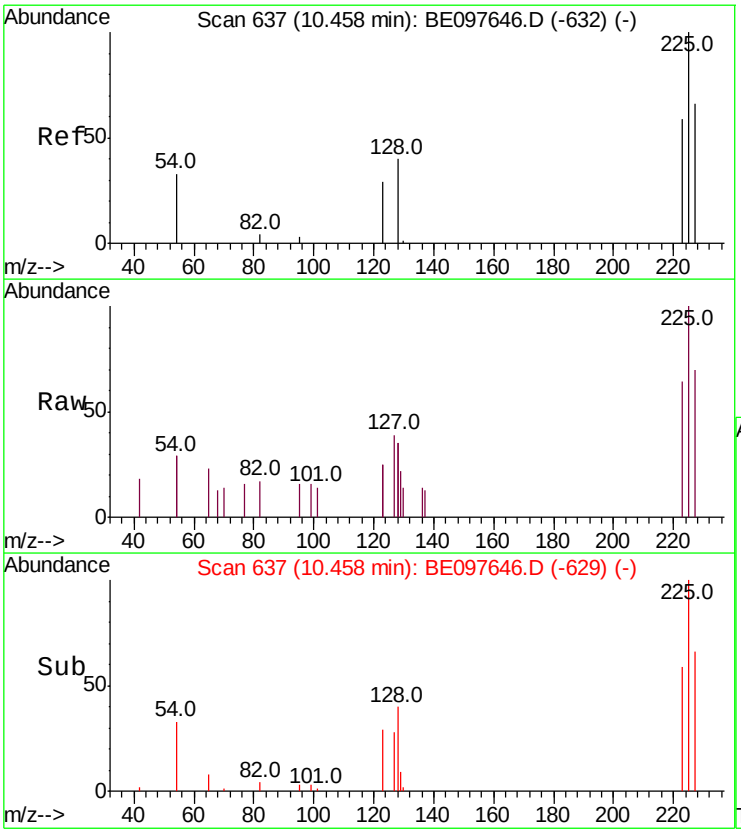
#9
Naphthalene
Concen: 0.376 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12748

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	3.9	2.8	4.2

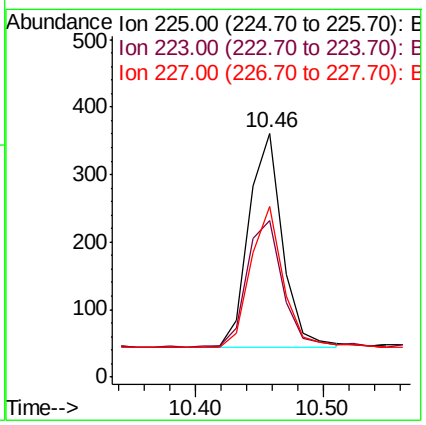


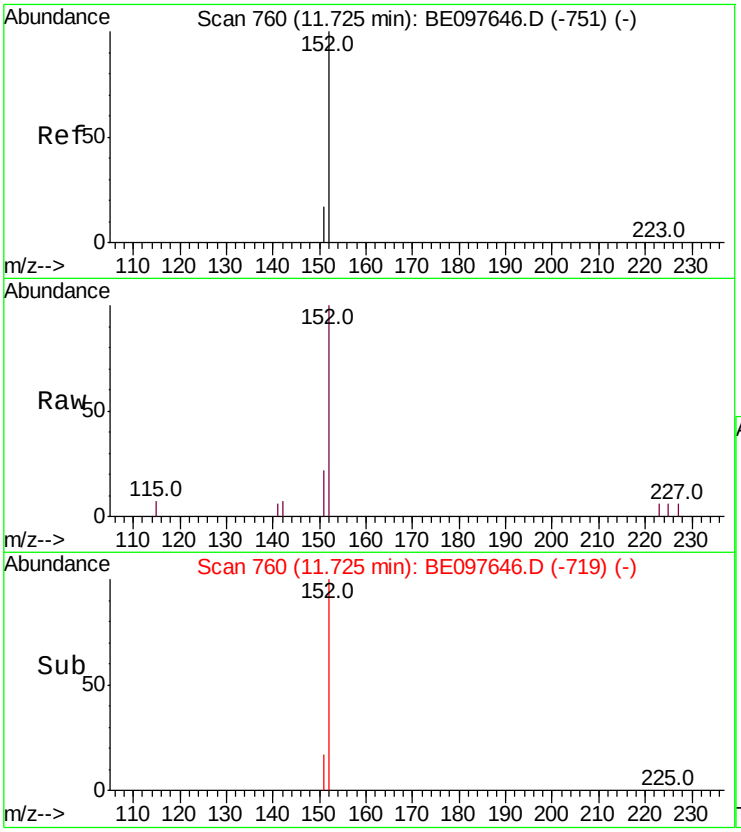


#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:225 Resp: 572

Ion	Ratio	Lower	Upper
225	100		
223	62.9	53.0	79.6
227	64.5	51.4	77.2



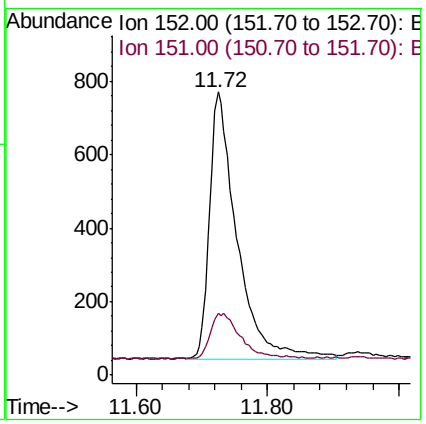


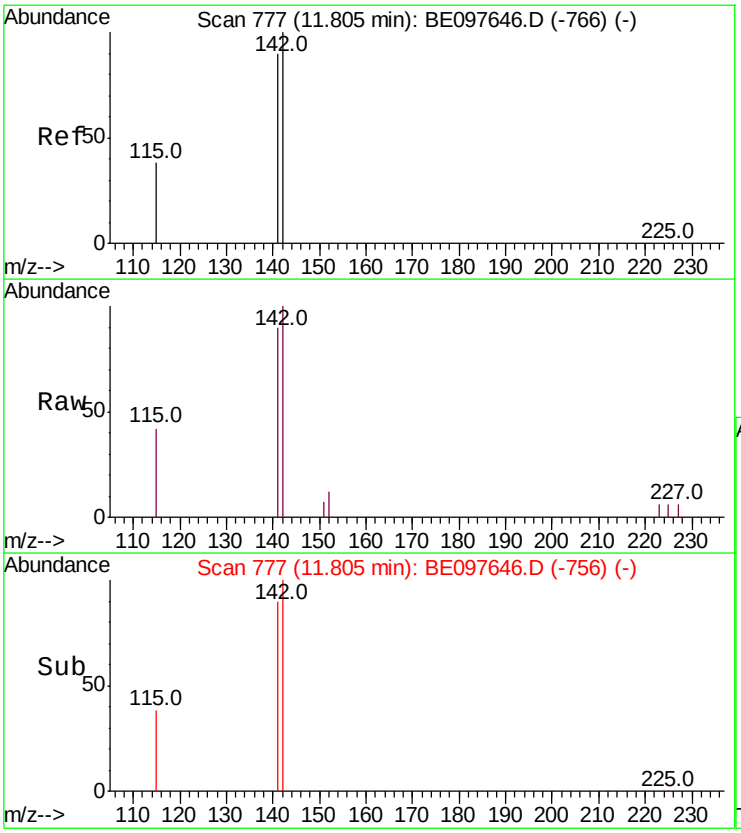
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2091

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.4	23.0

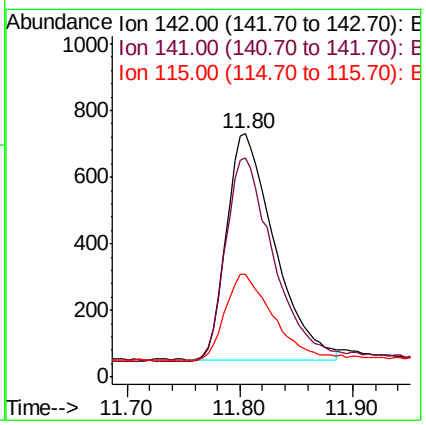


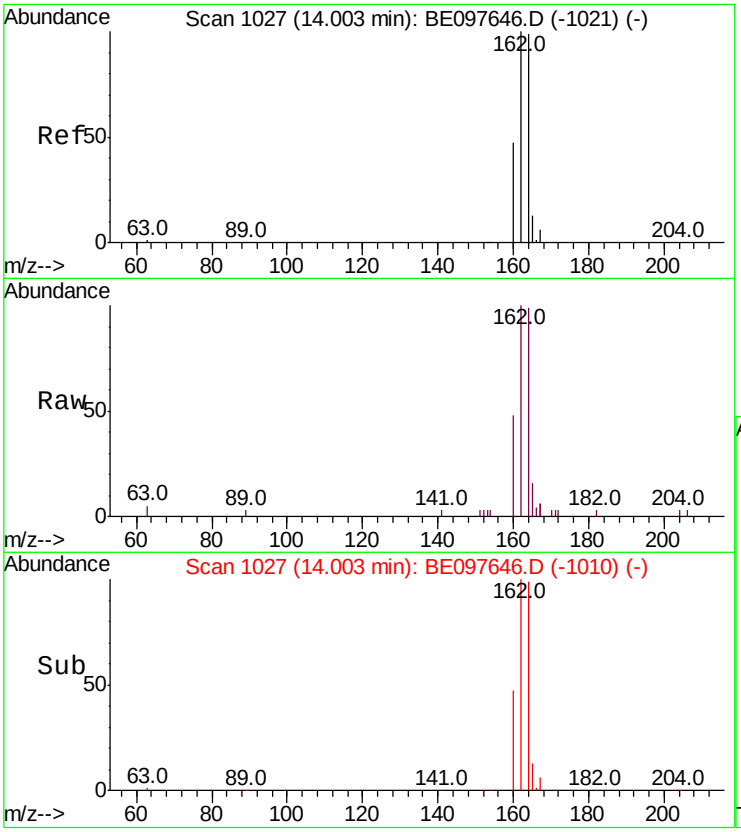


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 11.80 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:142 Resp: 2022

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.4	105.6
115	42.3	31.7	47.5



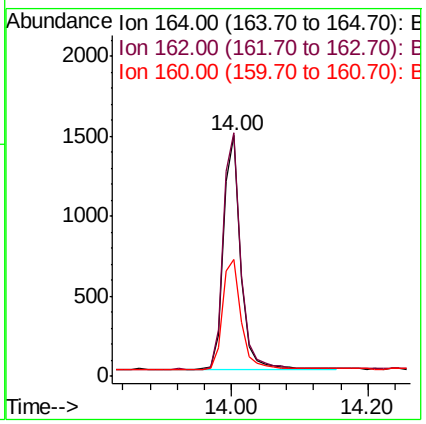


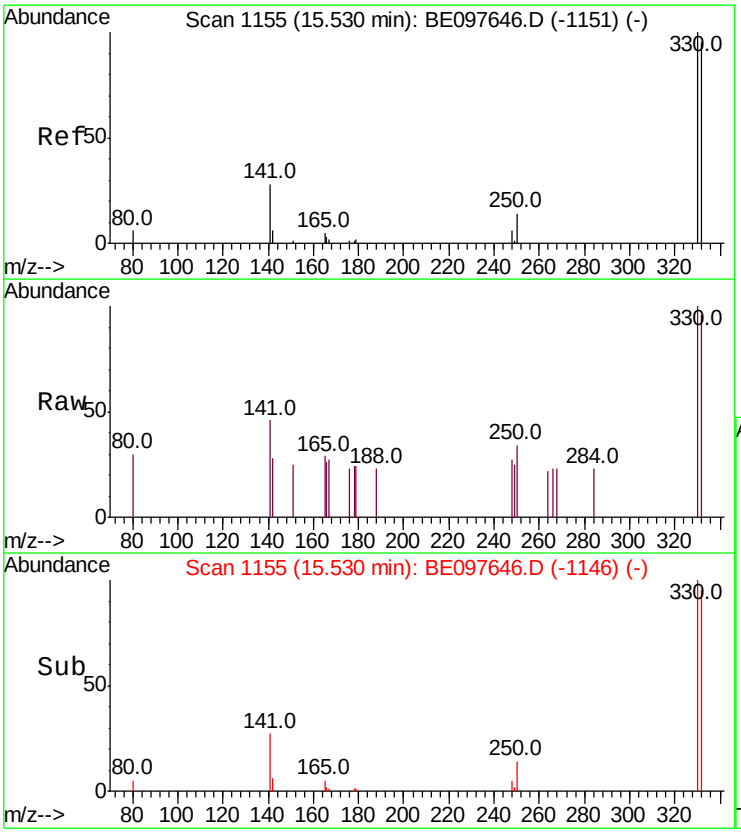
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2576

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.1	124.7
160	48.7	37.1	55.7

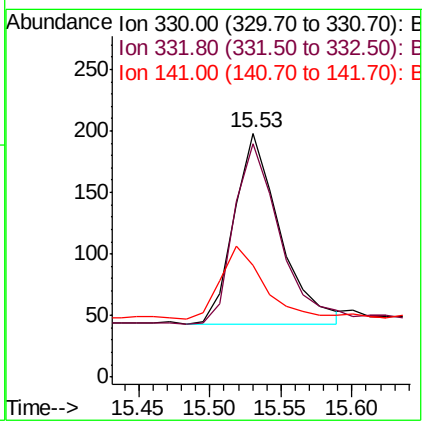


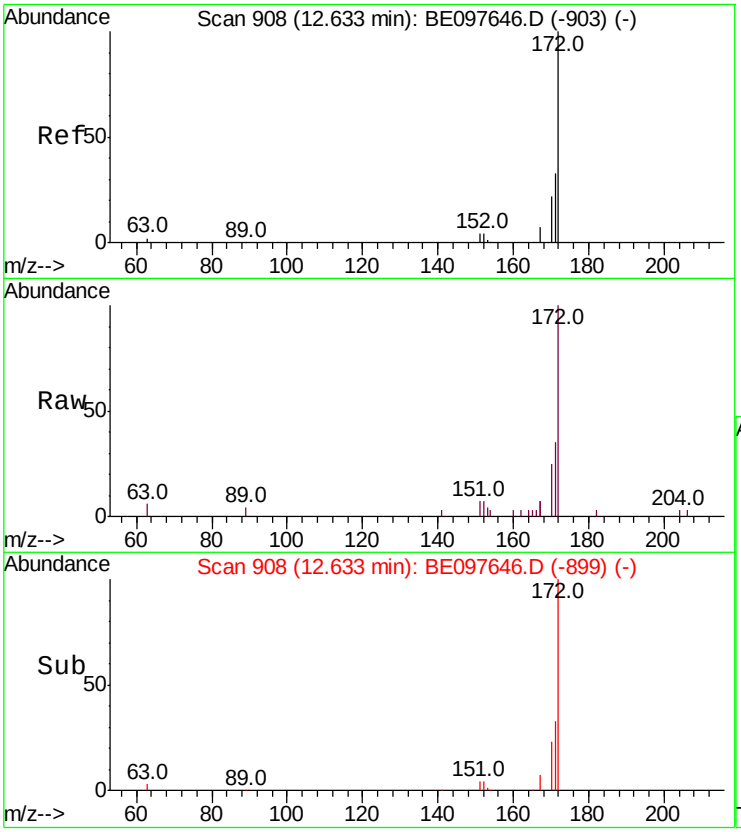


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:330 Resp: 347

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	36.0	33.7	50.5



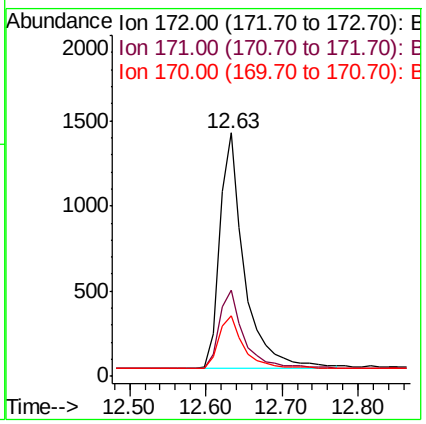


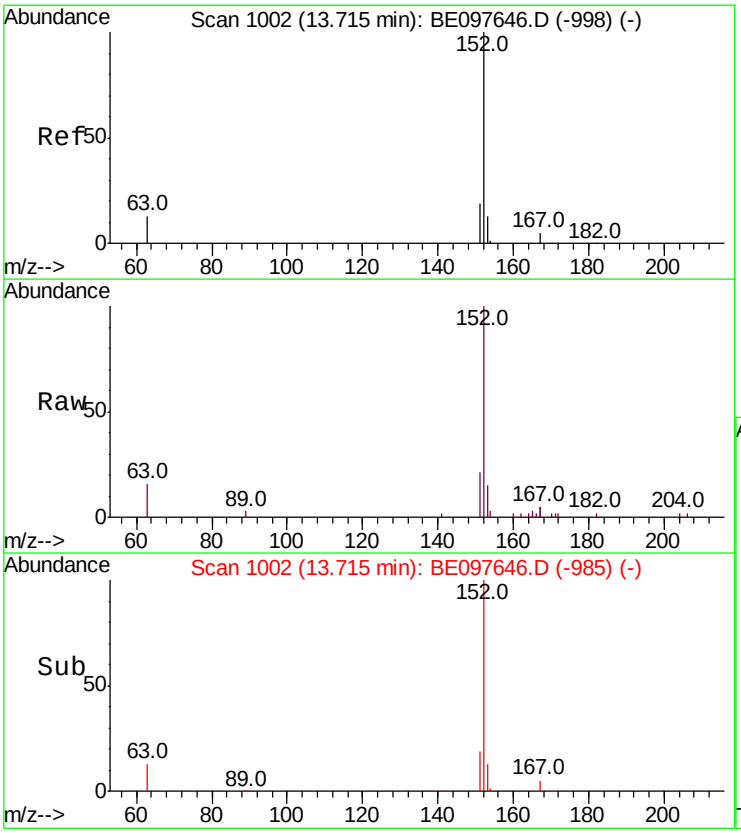
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3152

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	24.9	21.8	32.8

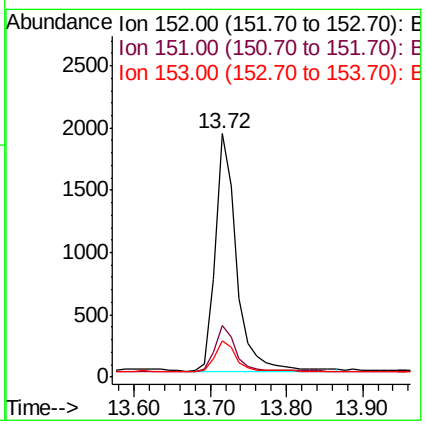


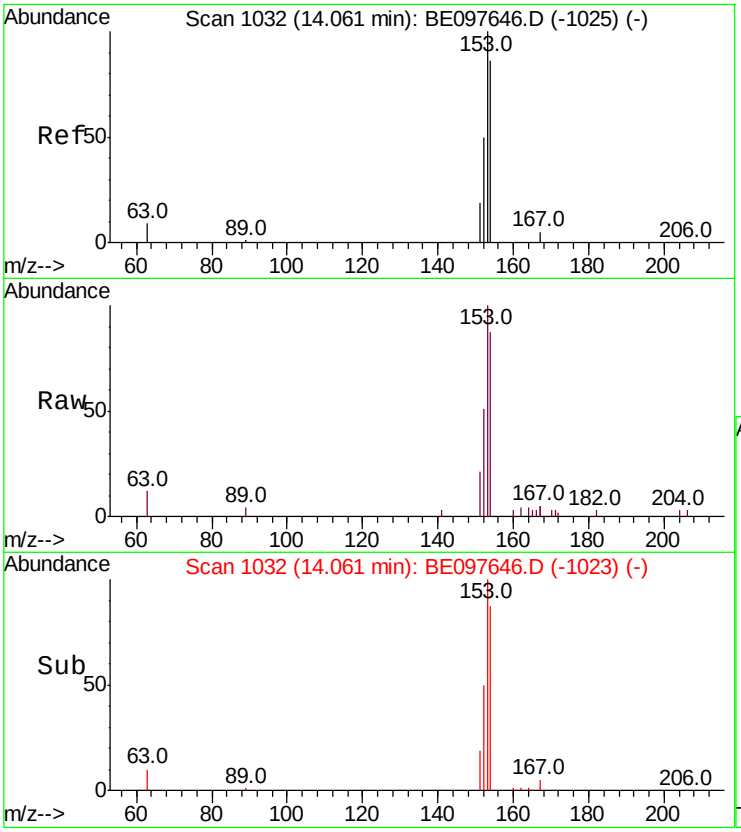


#16
Acenaphthylene
Concen: 0.364 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:152 Resp: 3710

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	13.3	10.5	15.7



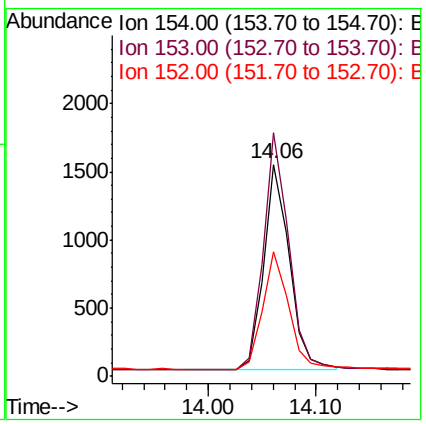


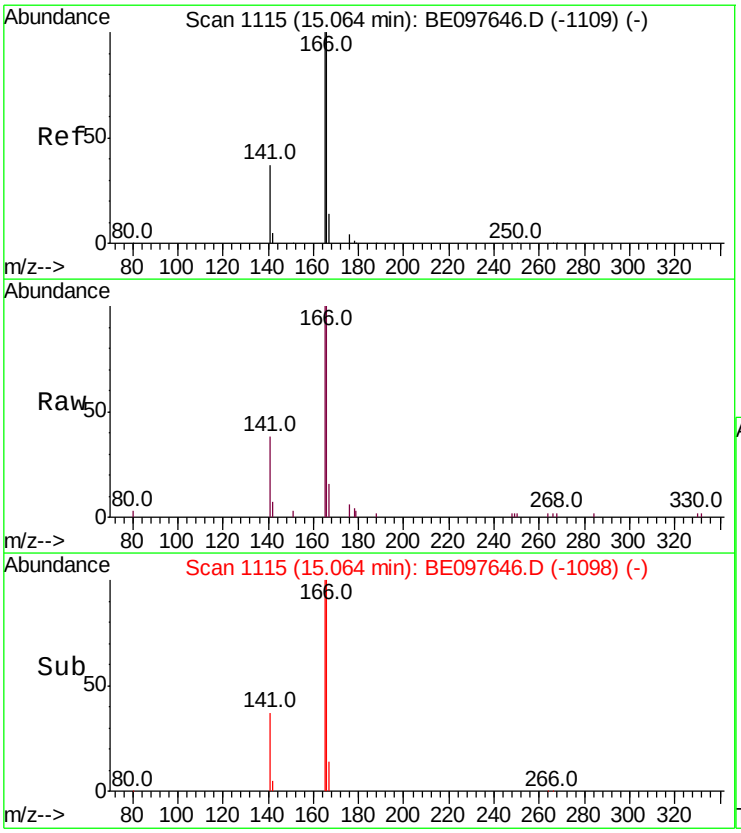
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2506

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	58.3	42.0	63.0

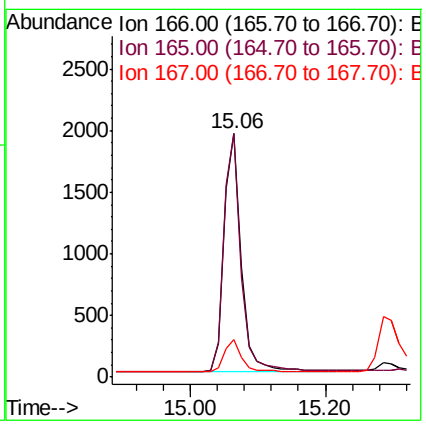


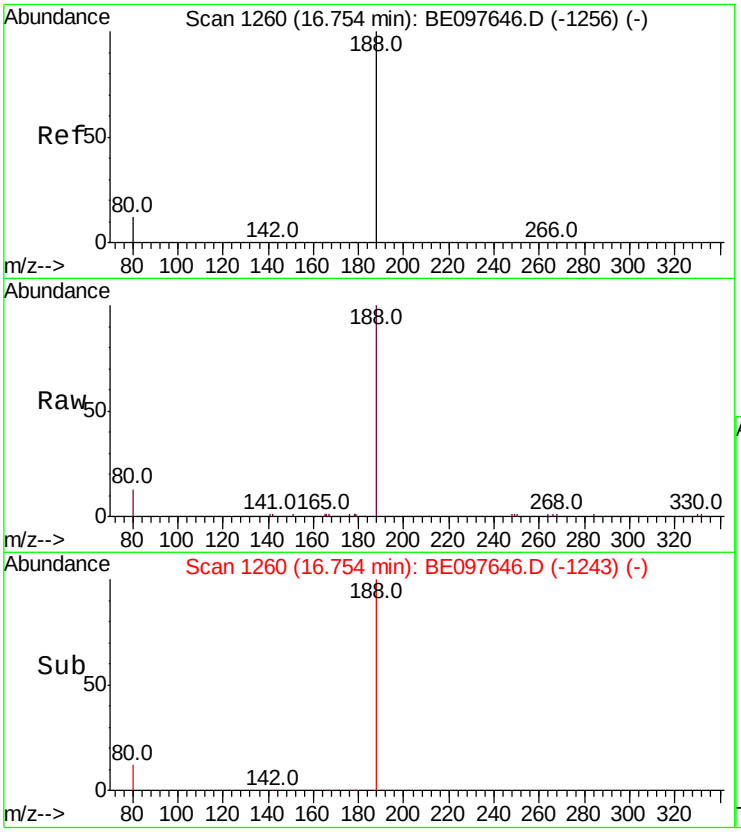


#18
Fluorene
Concen: 0.392 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:166 Resp: 3487

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.2	42.4	63.6#



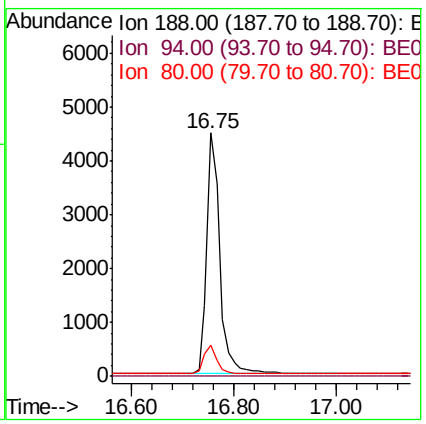


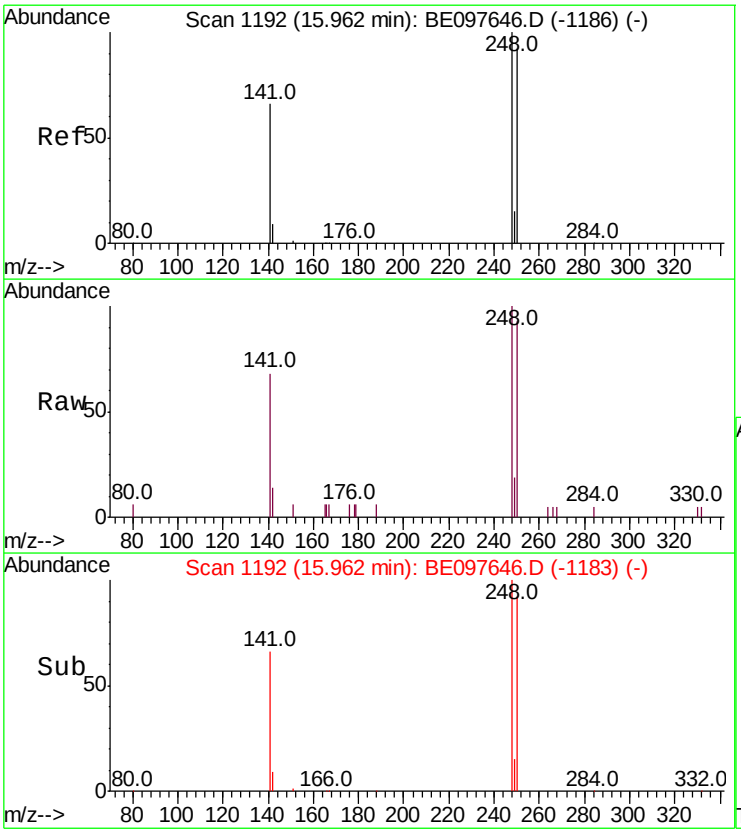
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8008

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#

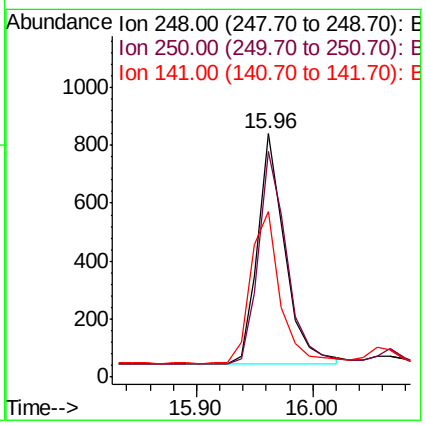


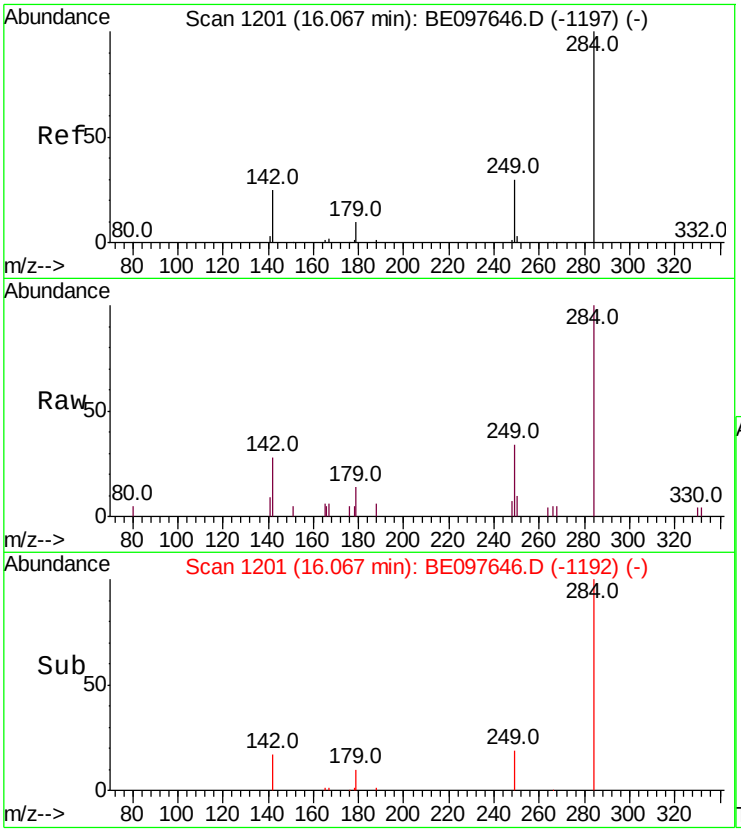


#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 15.96 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:248 Resp: 1315

Ion	Ratio	Lower	Upper
248	100		
250	92.7	62.7	94.1
141	68.1	48.2	72.2



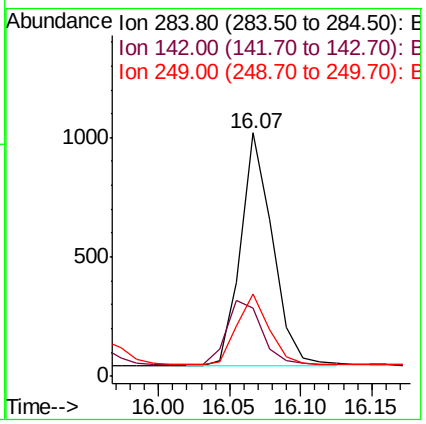


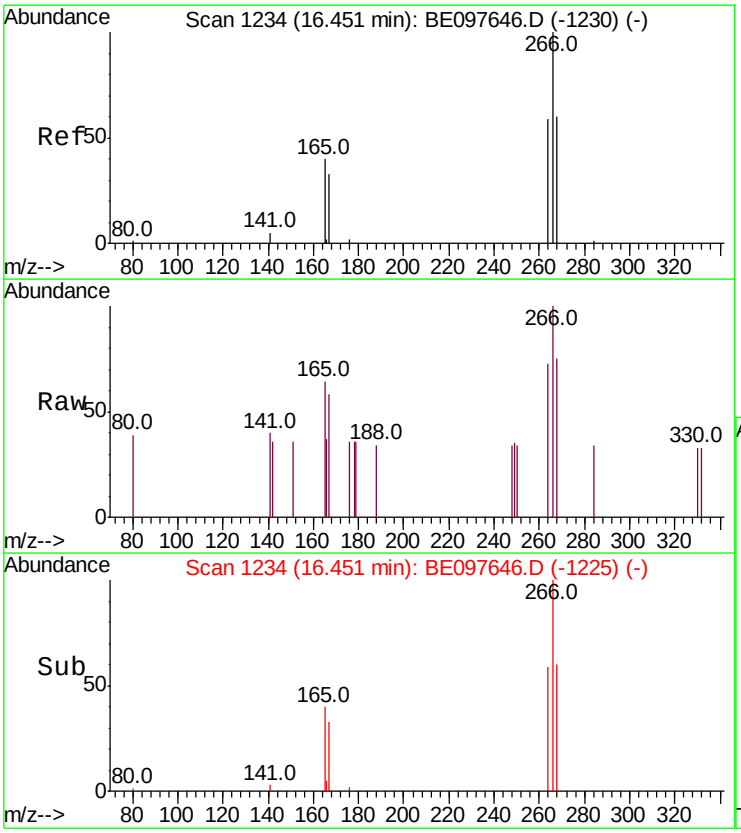
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.07 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1525

Ion	Ratio	Lower	Upper
284	100		
142	30.9	22.1	33.1
249	30.4	34.8	52.2#

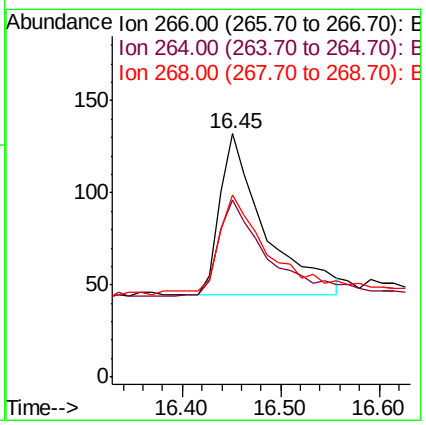


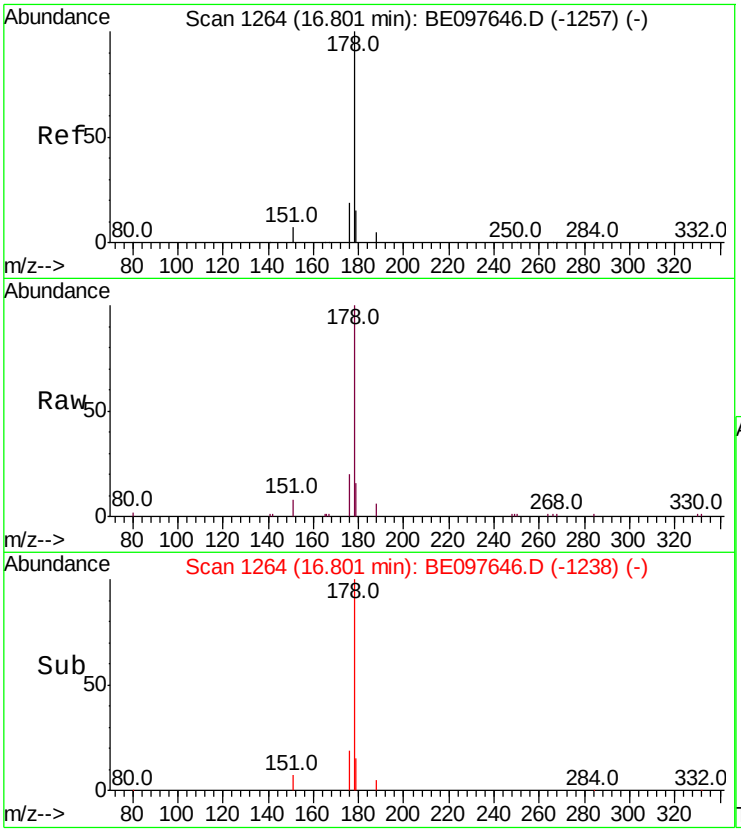


#22
Pentachlorophenol
Concen: 0.196 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:266 Resp: 272

Ion	Ratio	Lower	Upper
266	100		
264	72.7	72.5	108.7
268	75.0	73.8	110.6



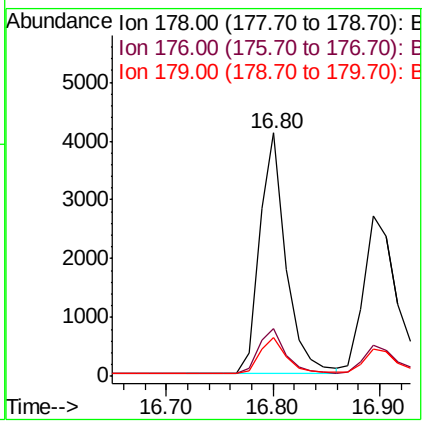


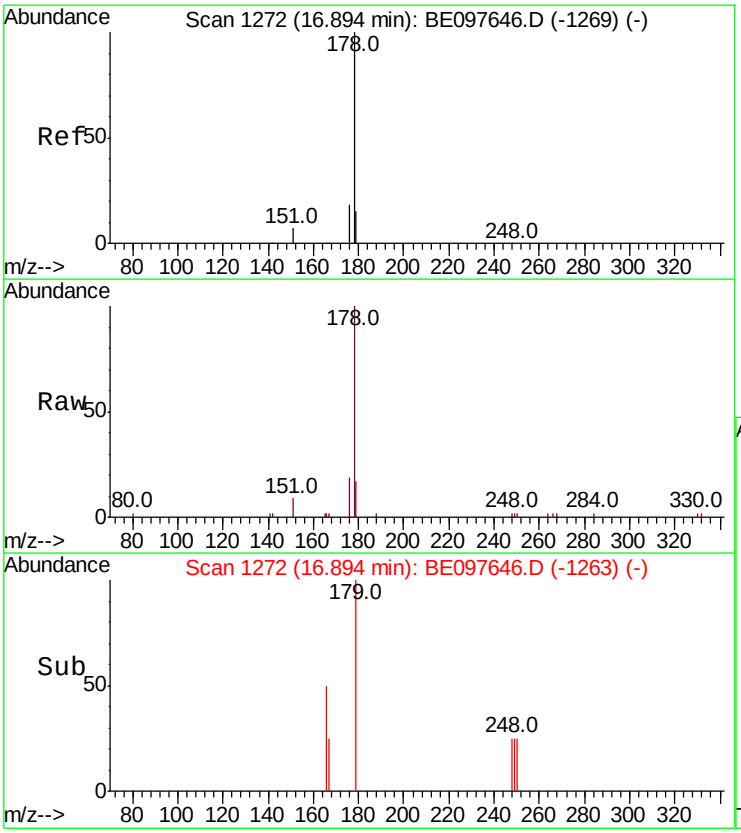
#23
Phenanthrene
Concen: 0.370 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7031

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.4	11.8	17.6

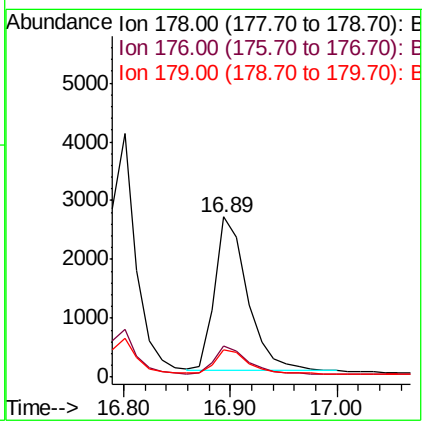


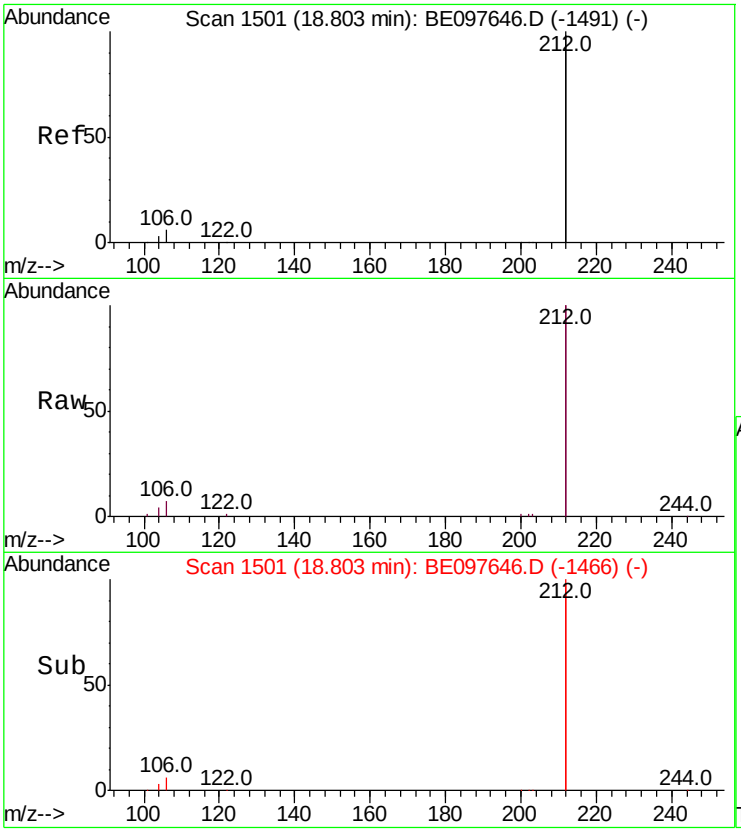


#24
Anthracene
Concen: 0.334 ng
RT: 16.89 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:178 Resp: 5605

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	15.4	13.0	19.6



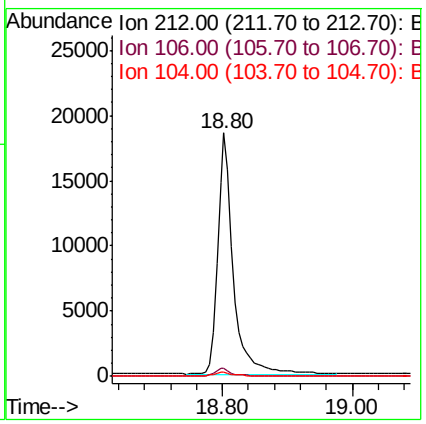


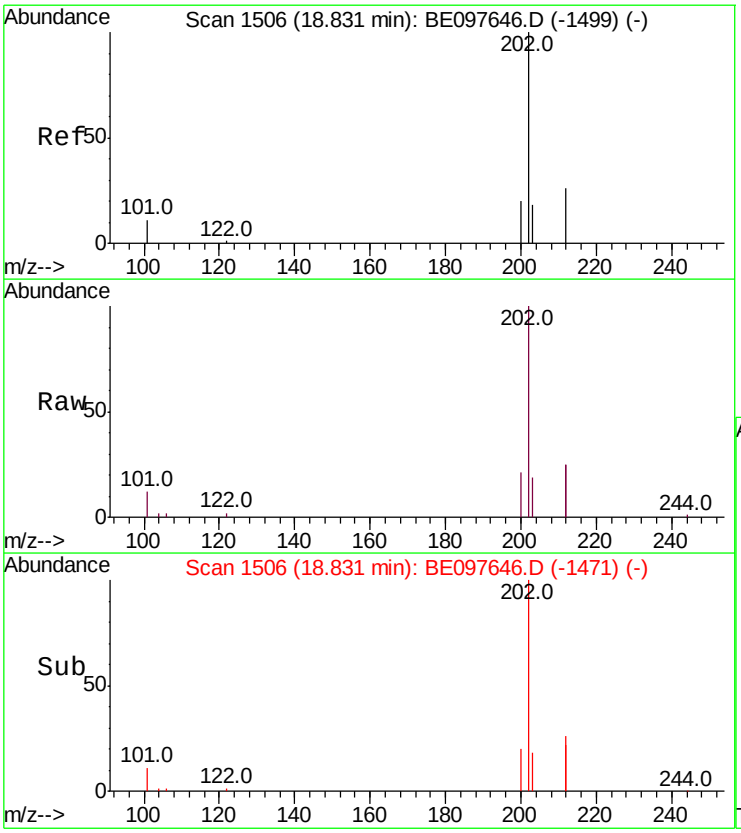
#25
Fluoranthene-d10
Concen: 0.305 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31298

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

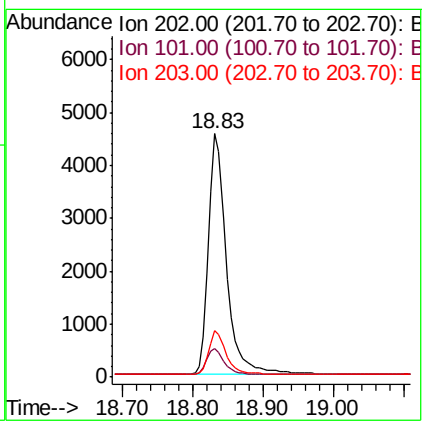


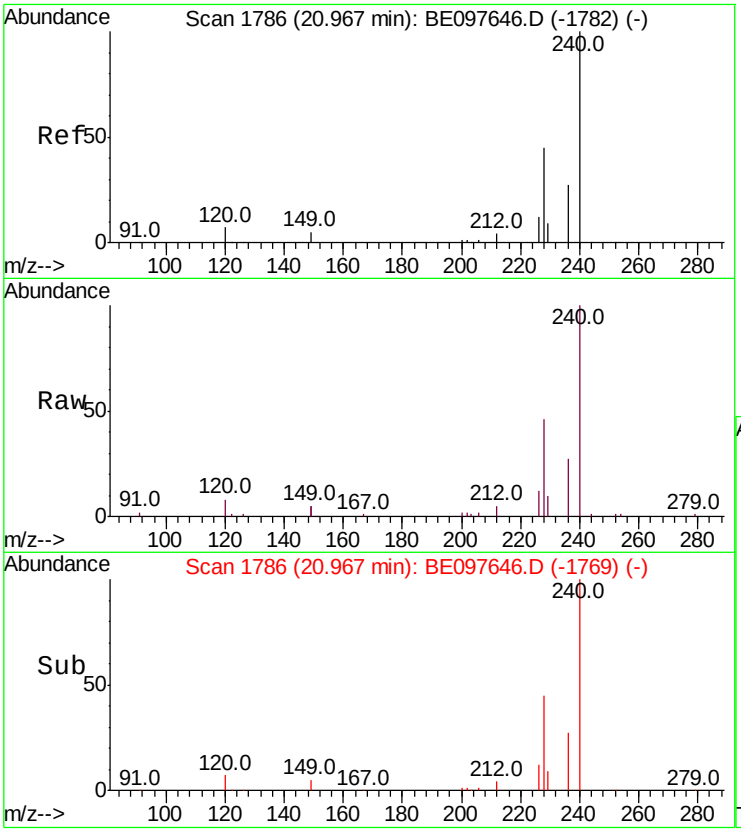


#26
Fluoranthene
Concen: 0.309 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:202 Resp: 8150

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	17.4	13.7	20.5



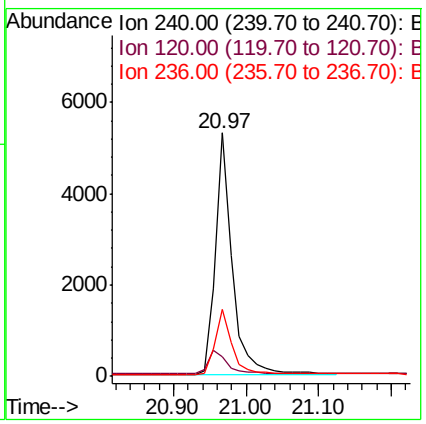


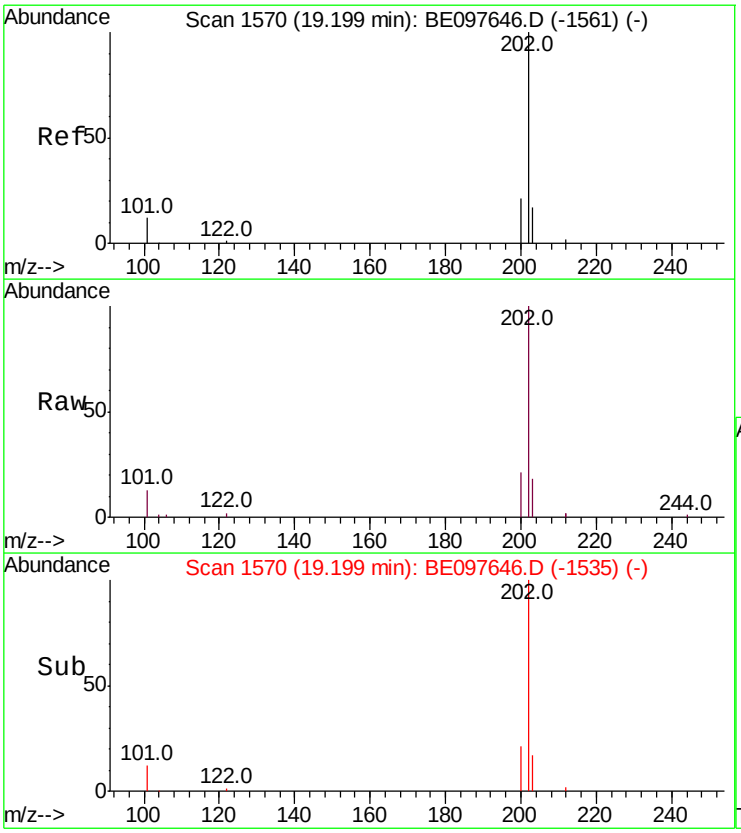
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8539

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.5	8.3
236	27.4	20.7	31.1

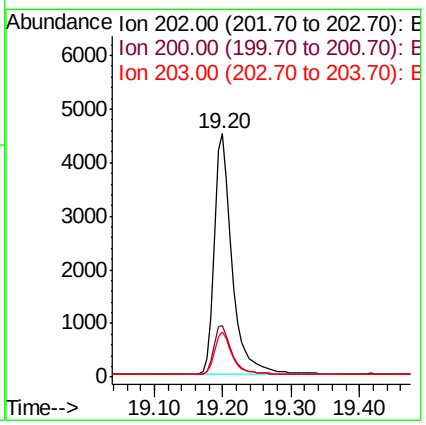


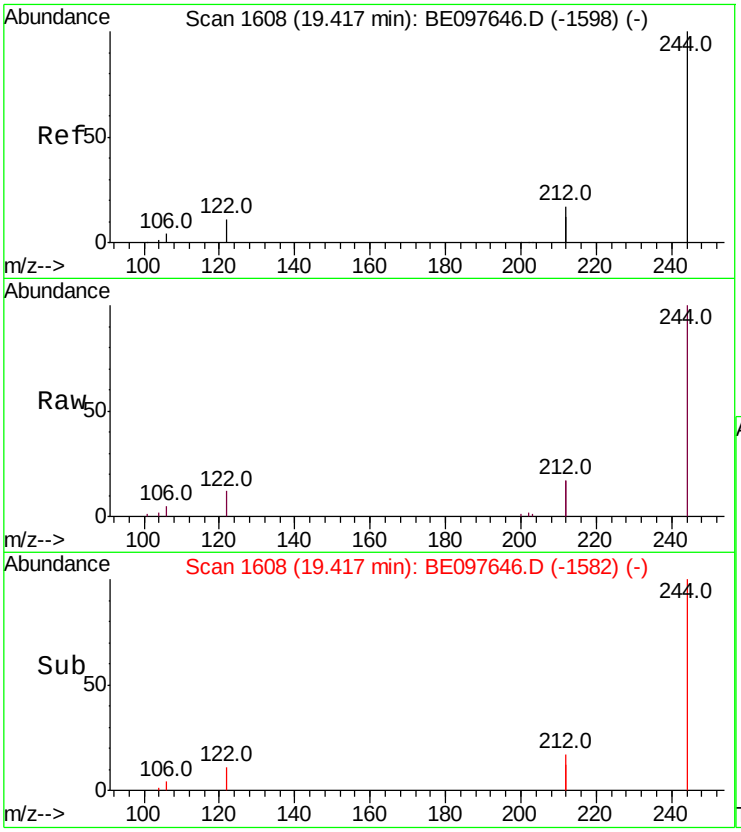


#28
Pyrene
Concen: 0.427 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:202 Resp: 8308

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	13.8	20.8



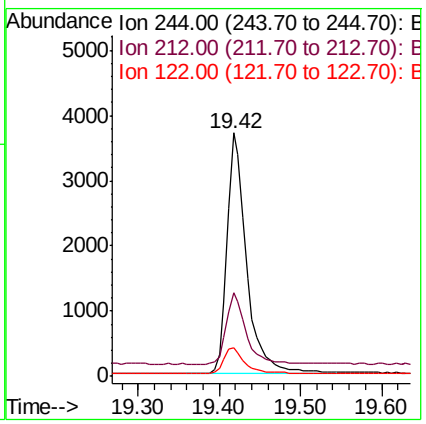


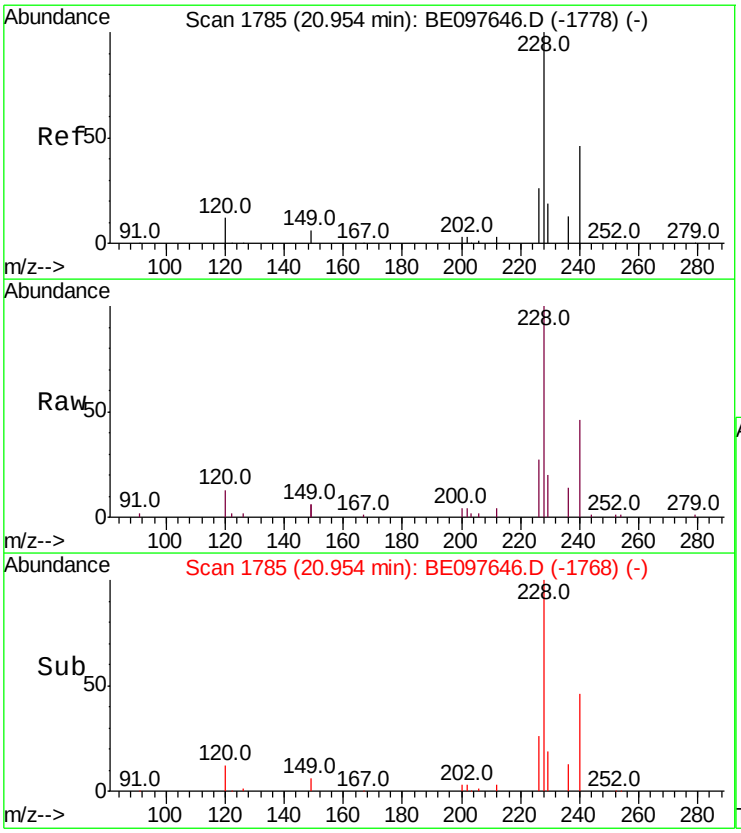
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6153

Ion	Ratio	Lower	Upper
244	100		
212	34.4	25.4	38.0
122	12.0	8.1	12.1

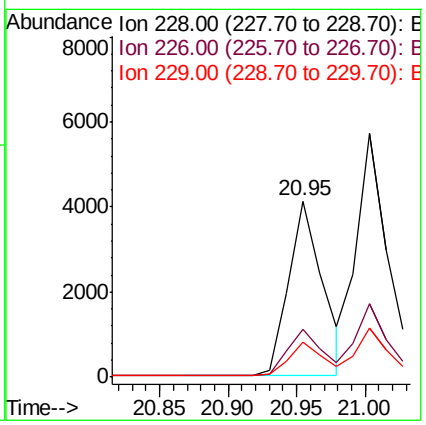


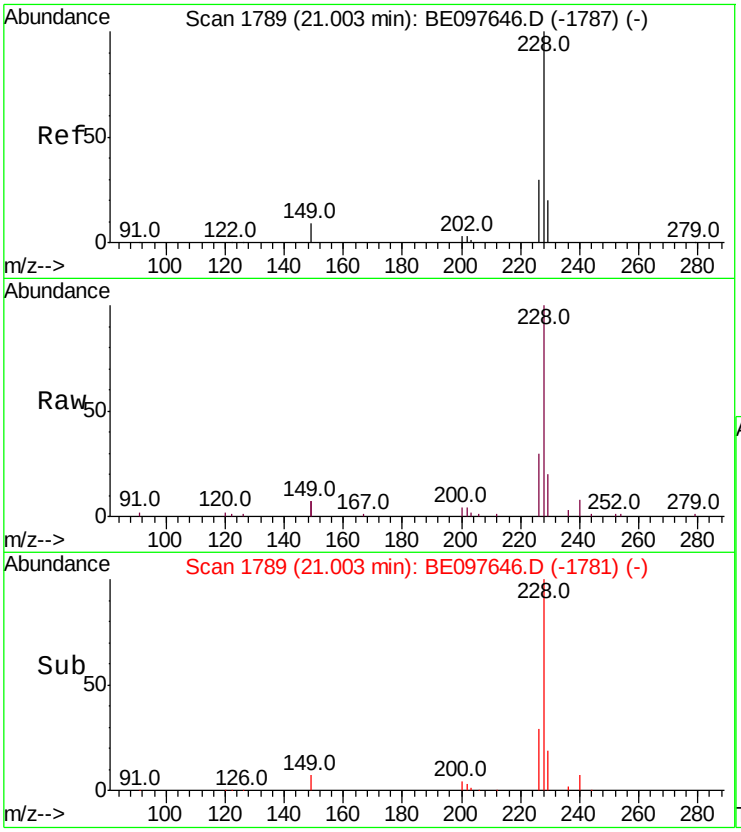


#30
Benzo(a)anthracene
Concen: 0.326 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:228 Resp: 7010

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	20.0	16.0	24.0



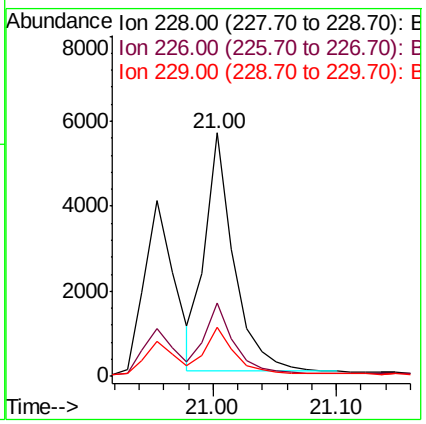


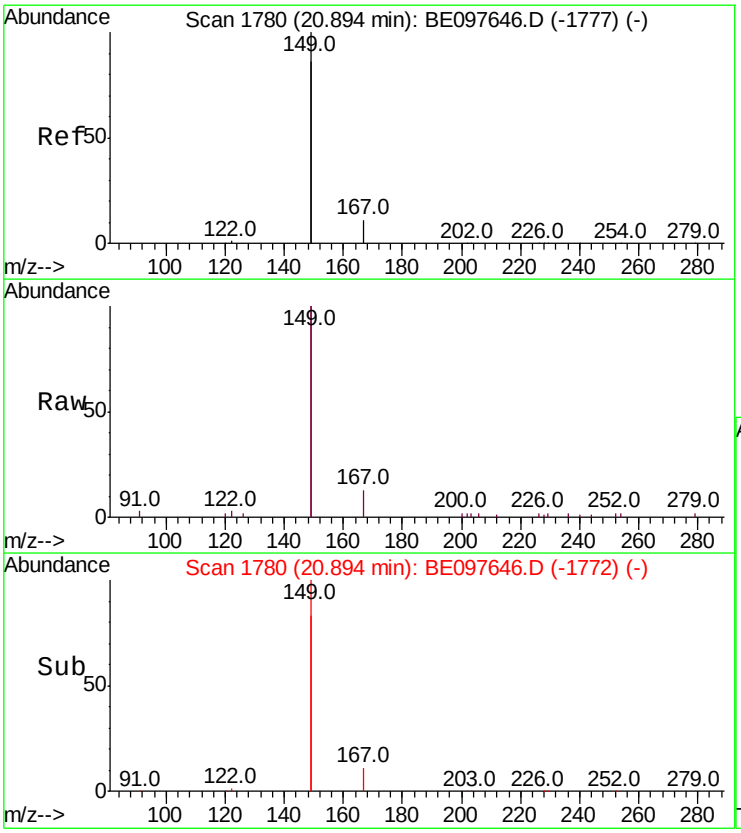
#31
Chrysene
Concen: 0.398 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9177

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.1	16.0	24.0

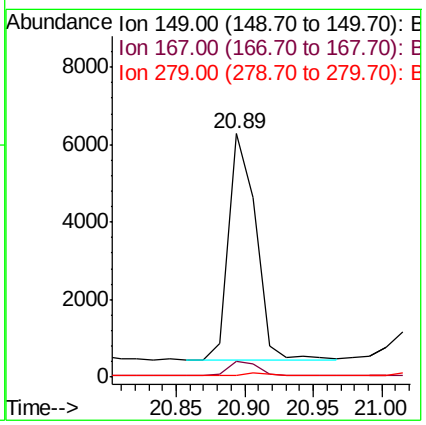


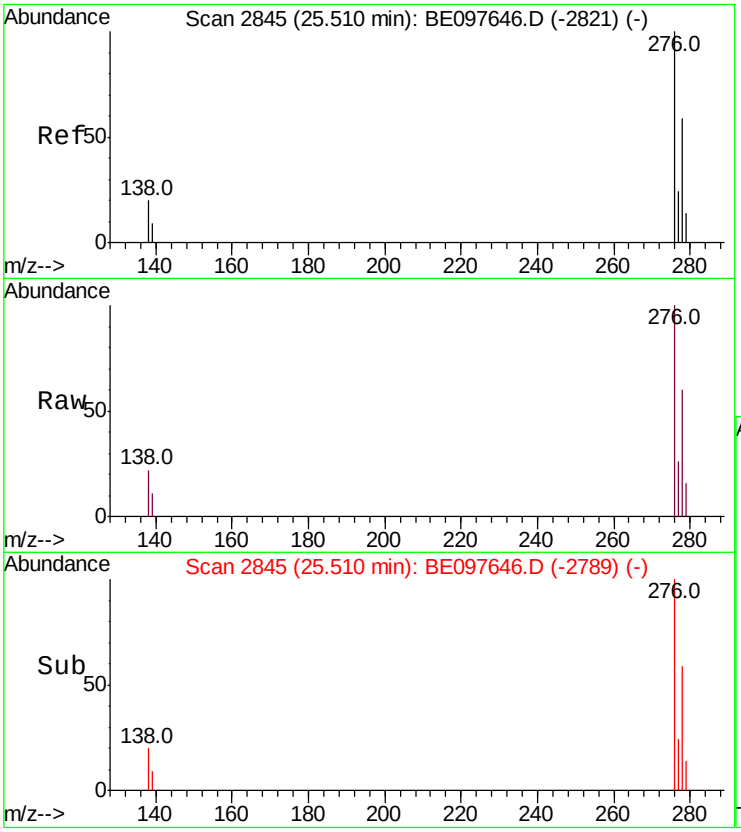


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.189 ng
RT: 20.89 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:149 Resp: 8078

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.1	0.7	1.1#



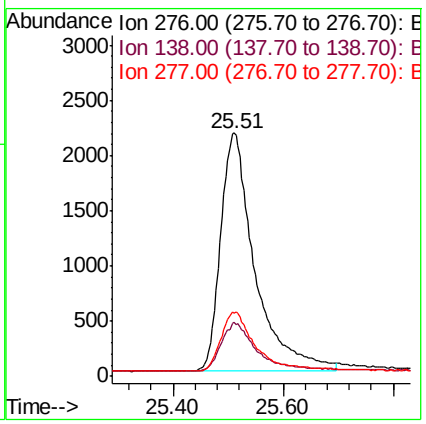


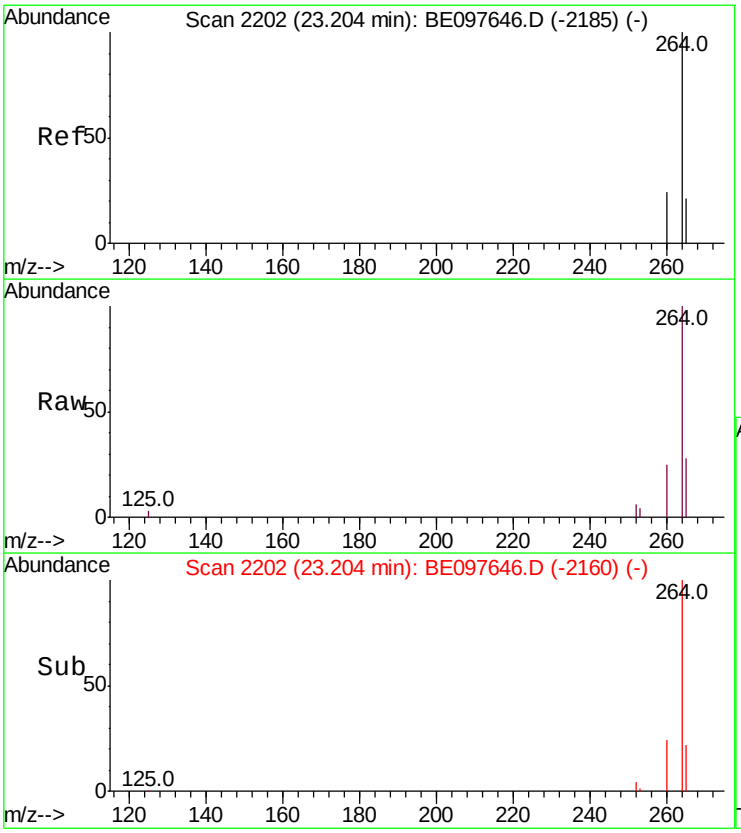
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng
RT: 25.51 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9365

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.3	19.9	29.9

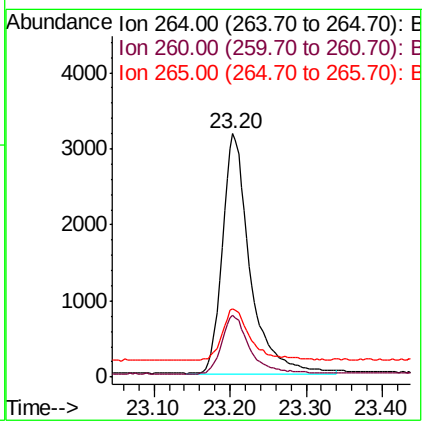


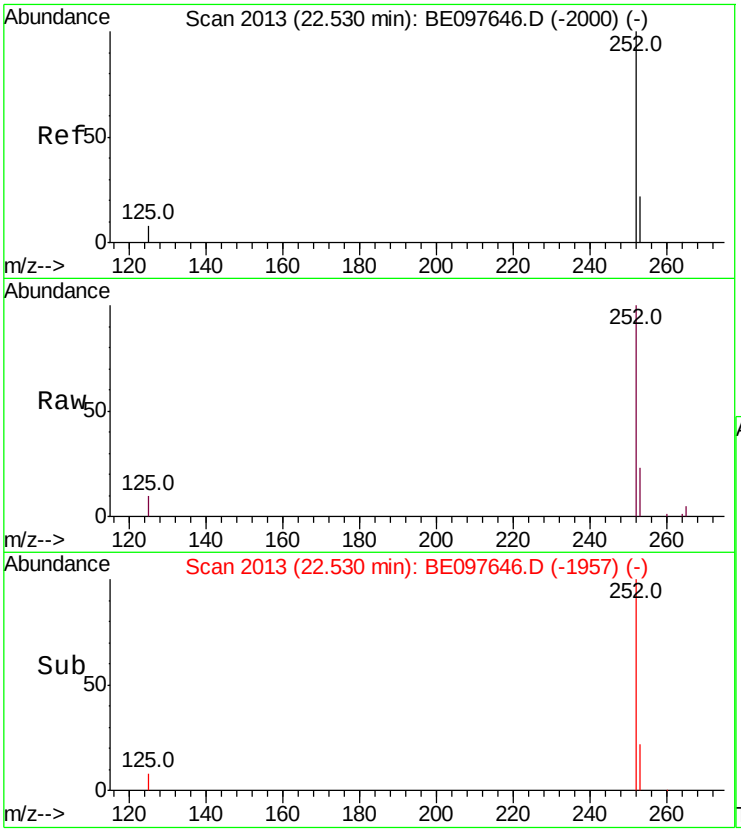


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:264 Resp: 7901

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	28.1	22.8	34.2



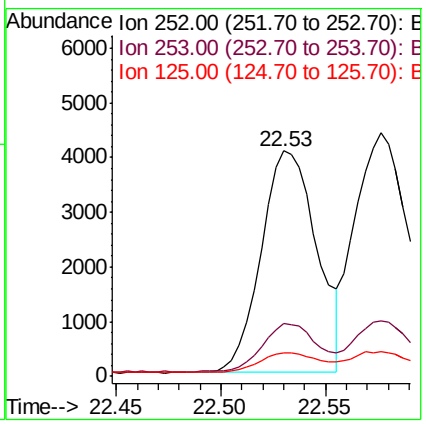


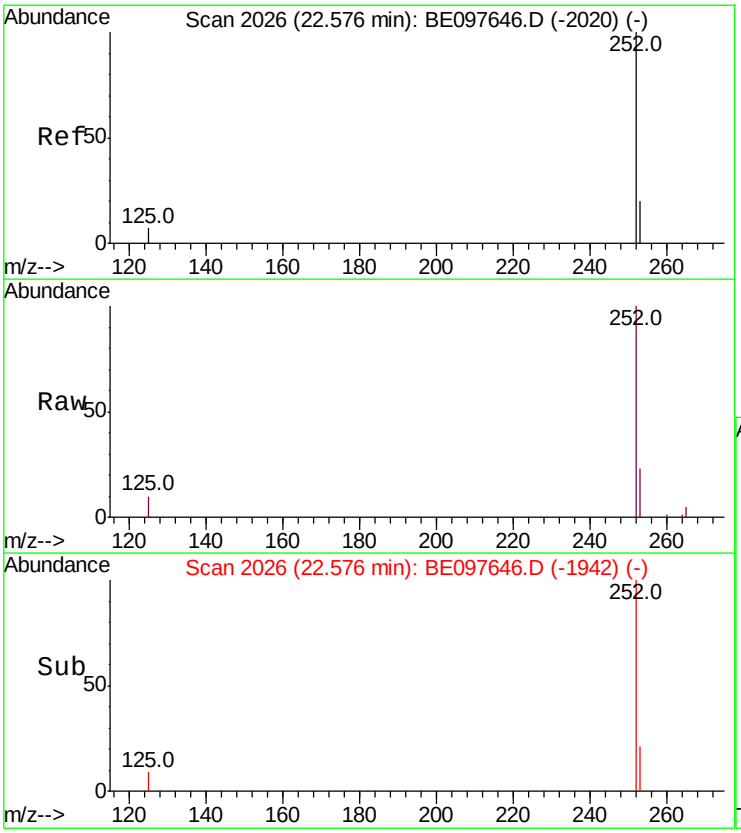
#35
Benzo(b)fluoranthene
Concen: 0.370 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7497

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.2	16.0	24.0#

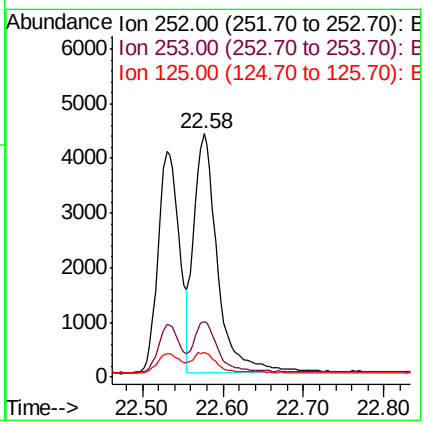


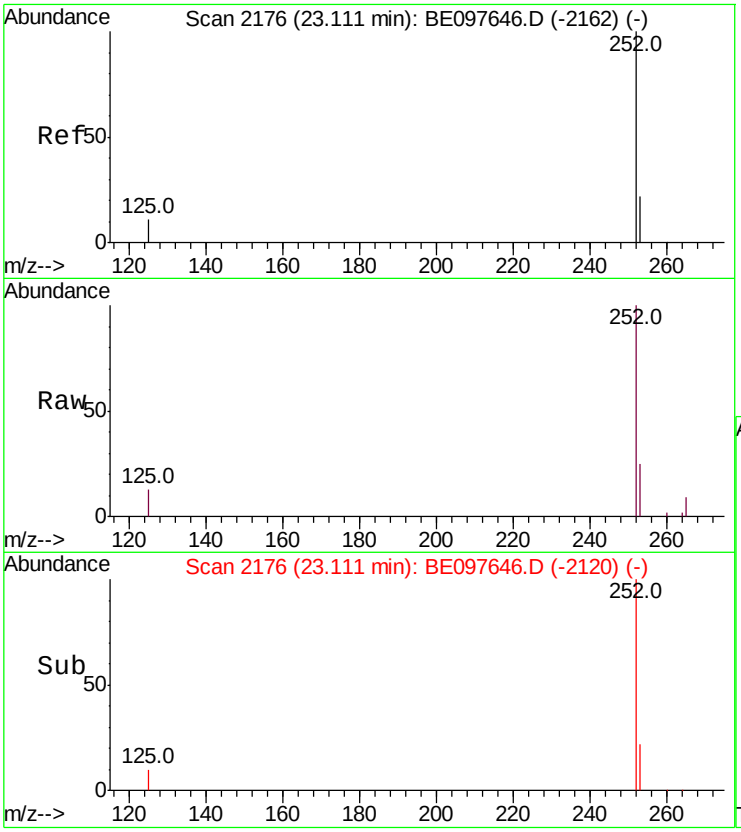


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:252 Resp: 8903

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	10.2	8.0	12.0



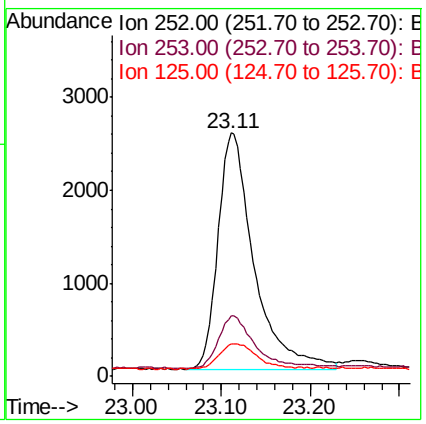


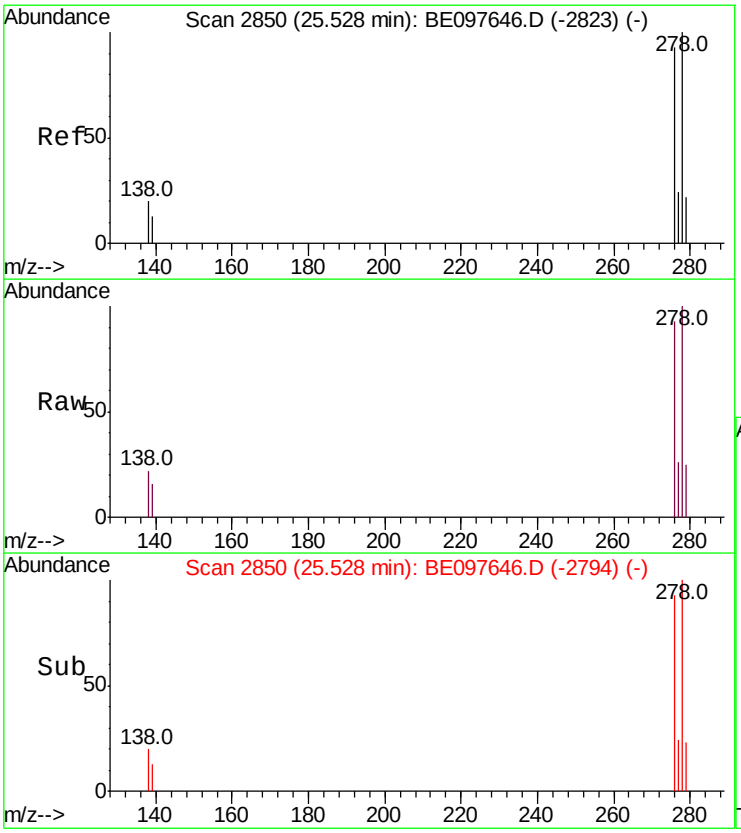
#37
Benzo(a)pyrene
Concen: 0.346 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7201

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.0	24.0#
125	13.2	12.0	18.0

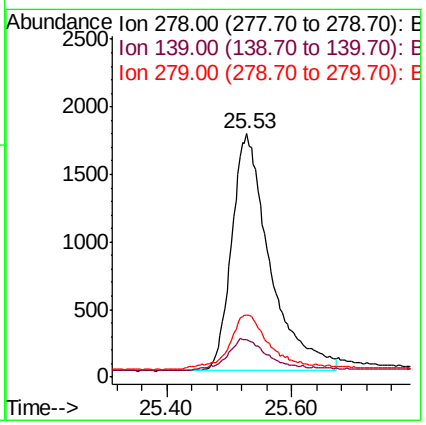


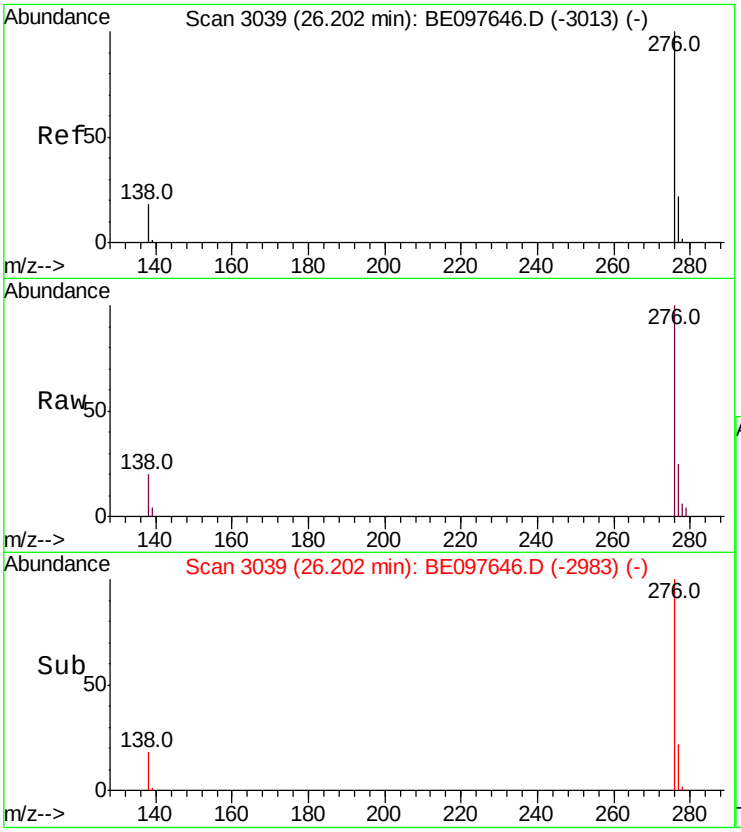


#38
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Tgt Ion:278 Resp: 7476

Ion	Ratio	Lower	Upper
278	100		
139	15.6	16.0	24.0#
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.372 ng
RT: 26.20 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE097646.D
Acq: 24 Sep 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7679

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	20.2	20.0	30.0