Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097492.D
Acq On : 17 Sep 2018 11:55
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 17 13:07:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	975	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4559	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2685	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	7302	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9086	0.40	ng		0.00
34) Perylene-d12	23.21	264	9041	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2580	0.89	ng		0.00
5) Phenol-d6	6.60	99	3327	0.86	ng		0.00
8) Nitrobenzene-d5	8.52	82	2780	0.85	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	5286	0.83	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1089	1.20	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	7750	0.79	ng		0.00
25) Fluoranthene-d10	18.80	212	69203	0.83	ng		0.00
29) Terphenyl-d14	19.42	244	14162	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	1277	0.737	ng	#	86
3) n-Nitrosodimethylamine	3.37	42	1153	0.712	ng	#	93
6) bis(2-Chloroethyl)ether	6.83	93	2654	0.748	ng		88
9) Naphthalene	10.17	128	33395	0.805	ng		100
10) Hexachlorobutadiene	10.46	225	1536	0.828	ng		98
12) 2-Methylnaphthalene	11.79	142	5405	0.826	ng		99
16) Acenaphthylene	13.71	152	9145	0.856	ng		100
17) Acenaphthene	14.06	154	5859	0.823	ng		97
18) Fluorene	15.06	166	7508	0.833	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	2801	0.844	ng	#	85
21) Hexachlorobenzene	16.07	284	2987	0.814	ng	#	84
22) Pentachlorophenol	16.47	266	262	0.260	ng		90
23) Phenanthrene	16.80	178	13991	0.805	ng		99
24) Anthracene	16.89	178	12673	0.857	ng		95
26) Fluoranthene	18.83	202	17988	0.826	ng		99
28) Pyrene	19.20	202	18885	0.873	ng		100
30) Benzo(a)anthracene	20.96	228	18807	0.818	ng		96
31) Chrysene	21.00	228	19779	0.800	ng		100
32) Bis(2-ethylhexyl)phthalate	20.91	149	39918	1.292	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	23203	0.661	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	18090	0.700	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	20524	0.718	ng		95
37) Benzo(a)pyrene	23.11	252	18420	0.790	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	19278	0.629	ng	#	95
39) Benzo(g,h,i)perylene	26.21	276	19542	0.618	ng	#	89

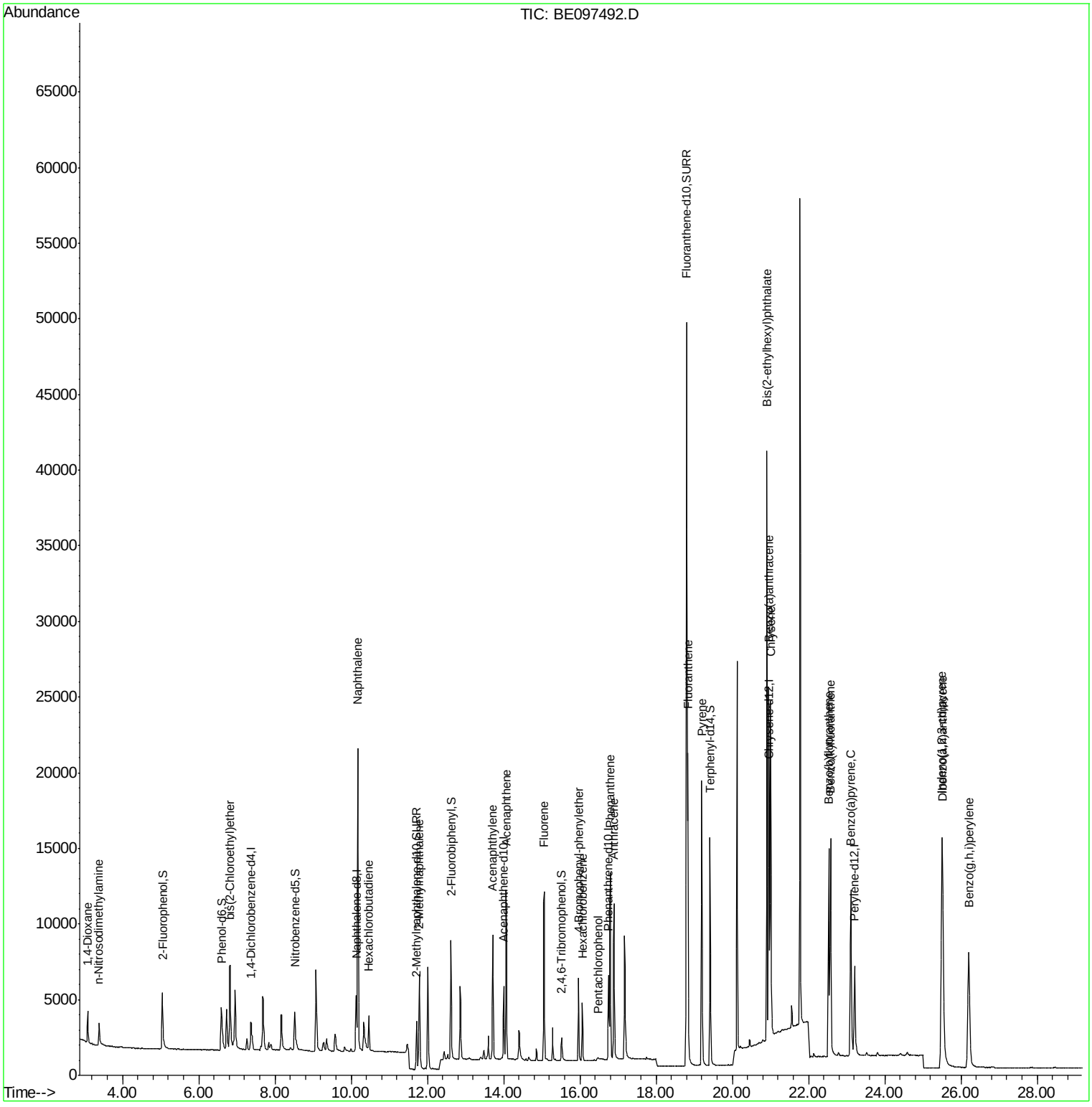
(#) = qualifier out of range (m) = manual integration (+) = signals summed

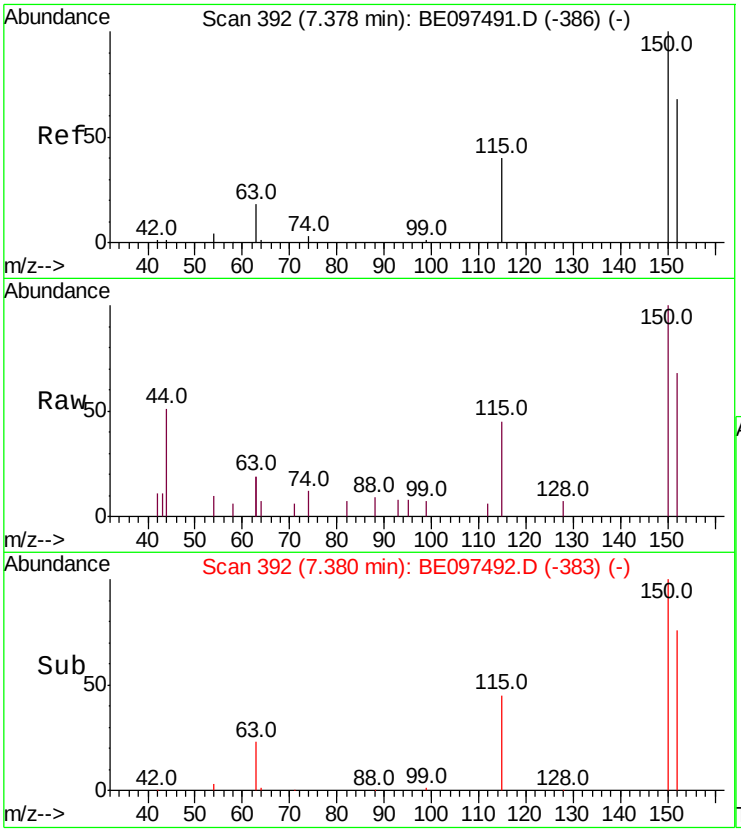
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097492.D
Acq On : 17 Sep 2018 11:55
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 17 13:07:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration



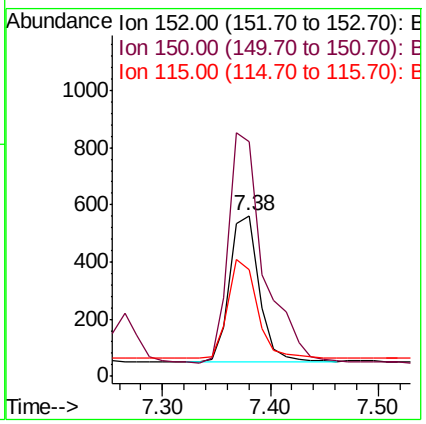


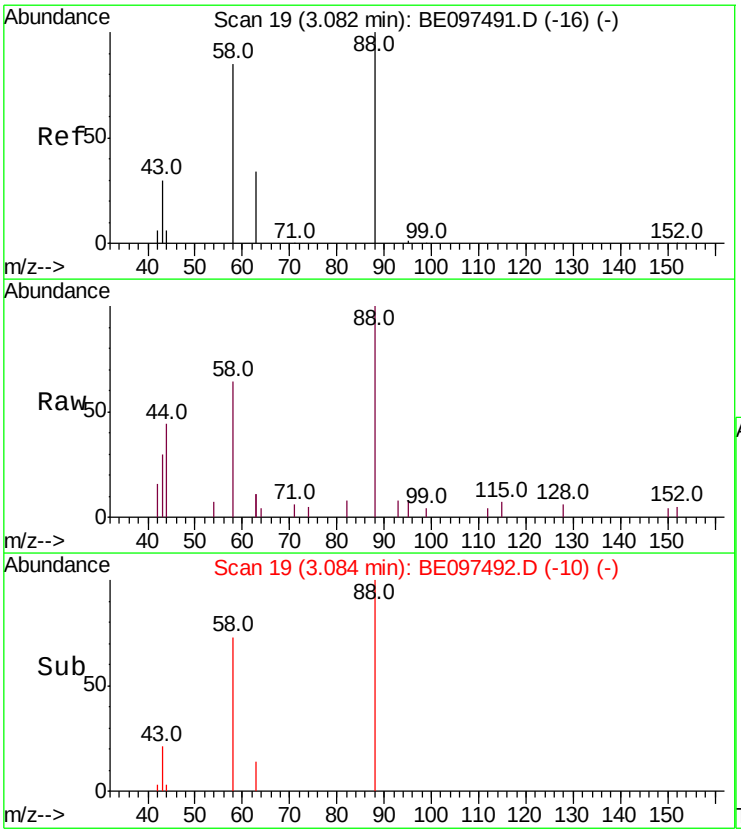
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 975

Ion	Ratio	Lower	Upper
152	100		
150	146.1	117.2	175.8
115	66.2	57.0	85.6

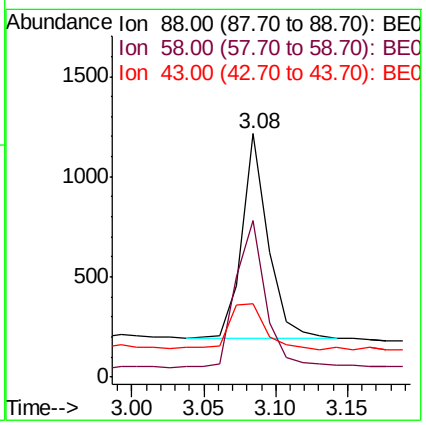


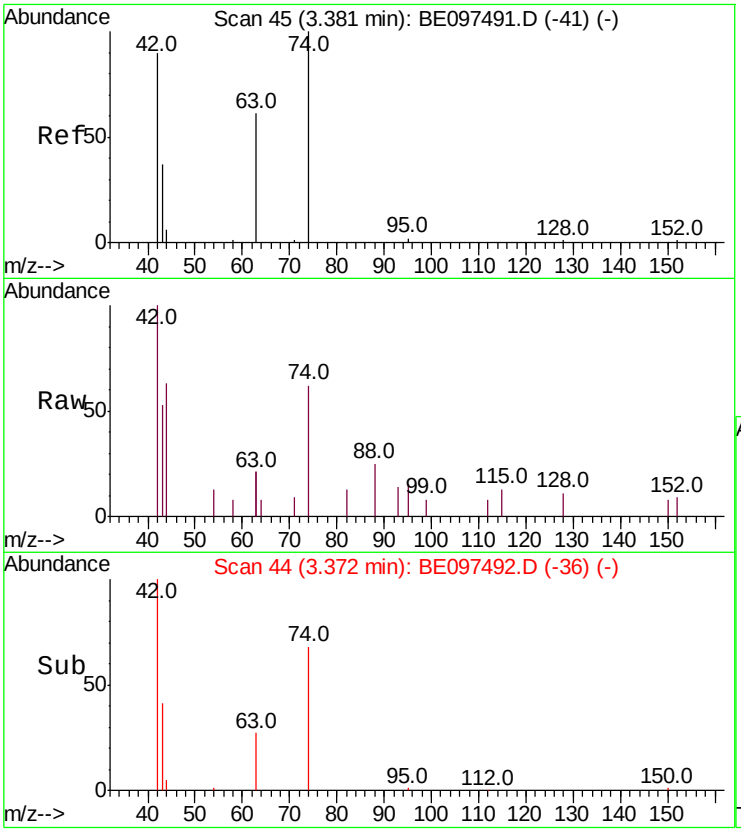


#2
1,4-Dioxane
Concen: 0.737 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion: 88 Resp: 1277

Ion	Ratio	Lower	Upper
88	100		
58	82.1	63.2	94.8
43	31.2	41.2	61.8#



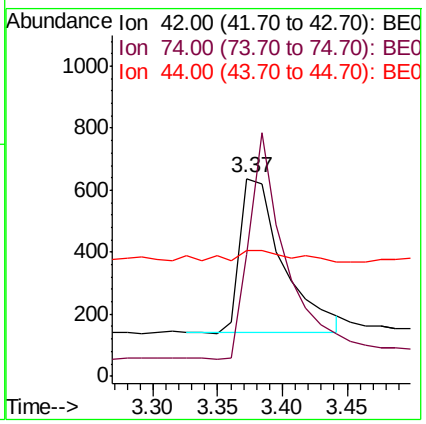


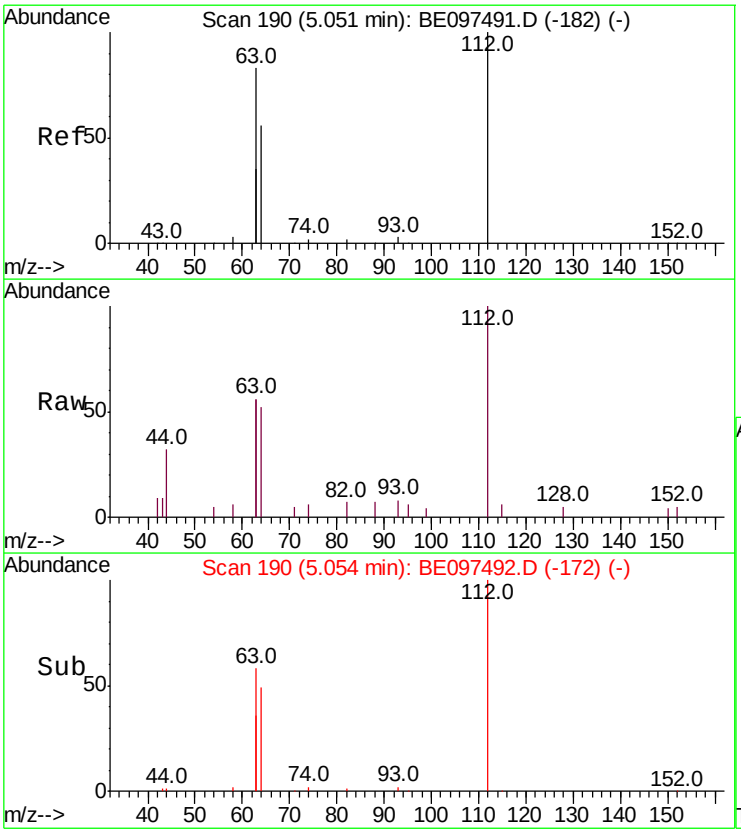
#3
n-Nitrosodimethylamine
Concen: 0.712 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1153

Ion	Ratio	Lower	Upper
42	100		
74	126.6	96.0	144.0
44	10.0	12.0	18.0#

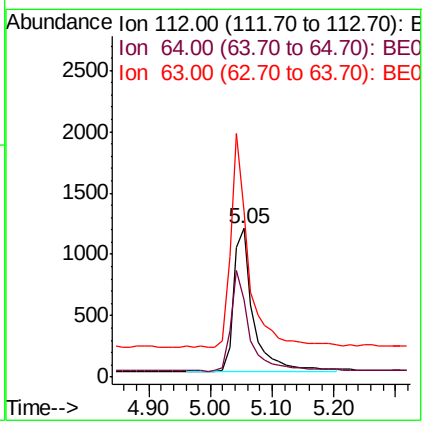


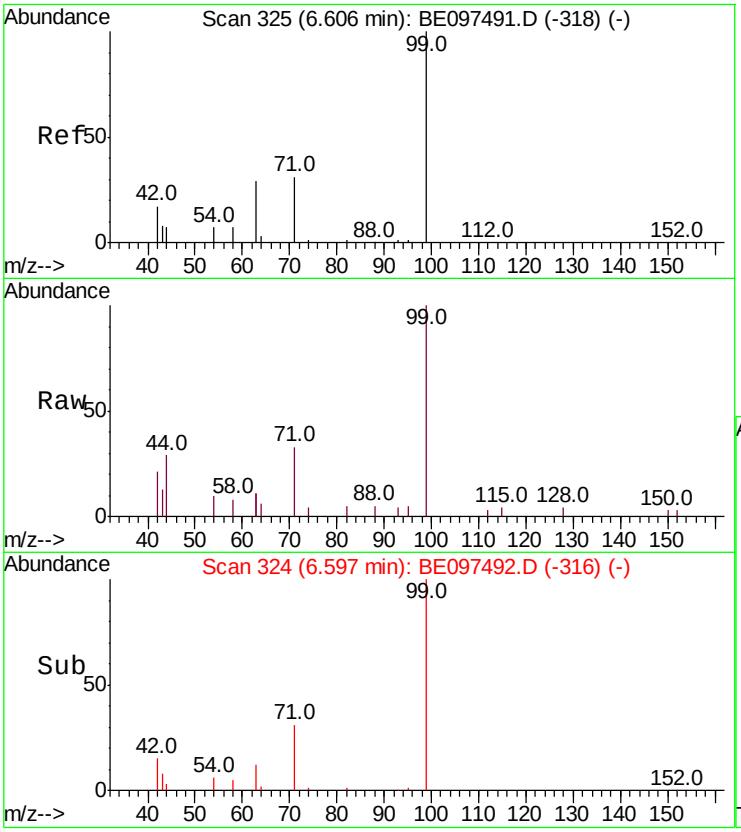


#4
2-Fluorophenol
Concen: 0.895 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:112 Resp: 2580

Ion	Ratio	Lower	Upper
112	100		
64	66.3	60.1	90.1
63	133.1	116.8	175.2



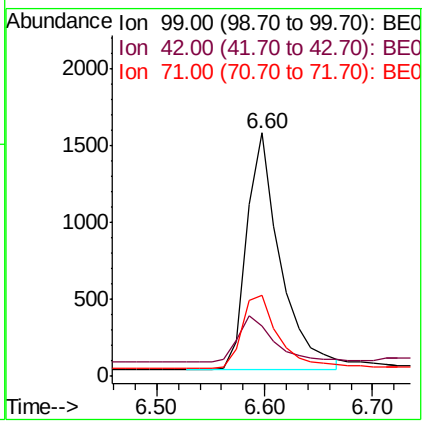


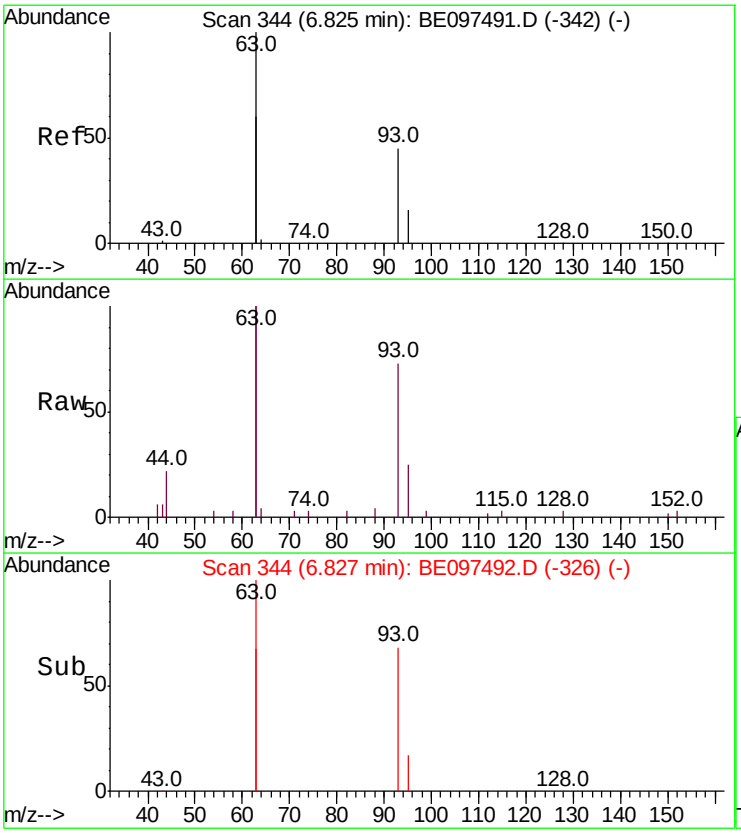
#5
Phenol-d6
Concen: 0.864 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3327

Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.2	30.2
71	33.7	28.4	42.6

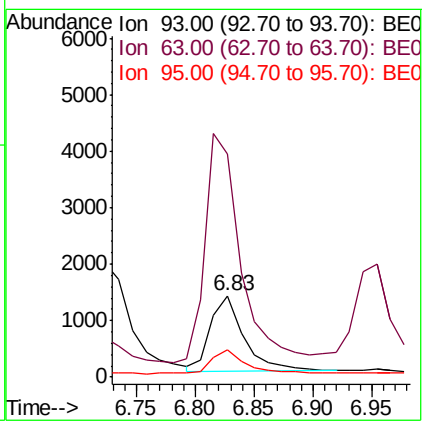


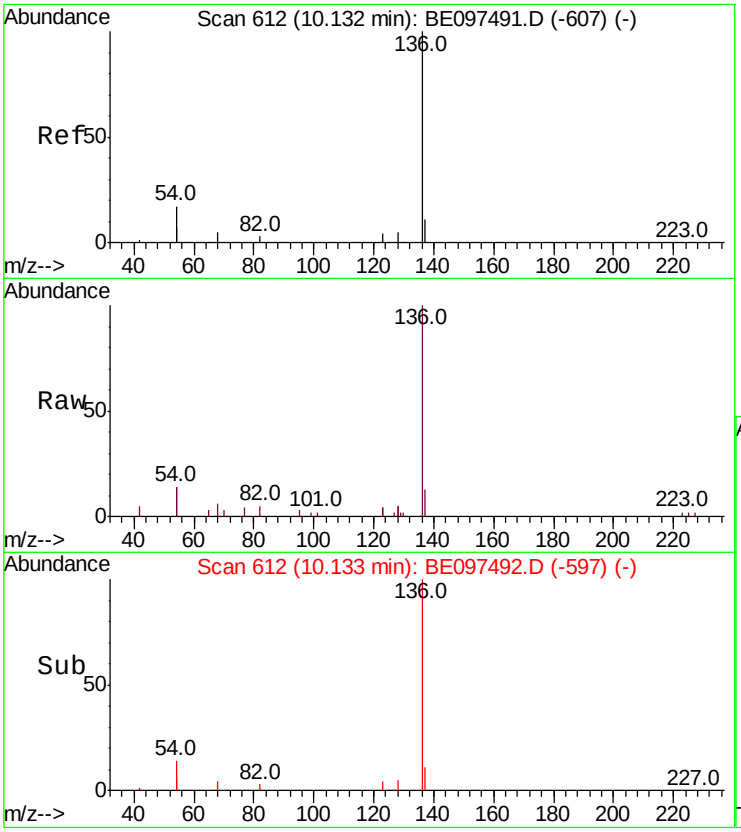


#6
bis(2-Chloroethyl)ether
Concen: 0.748 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion: 93 Resp: 2654

Ion	Ratio	Lower	Upper
93	100		
63	316.9	275.3	412.9
95	33.3	25.2	37.8



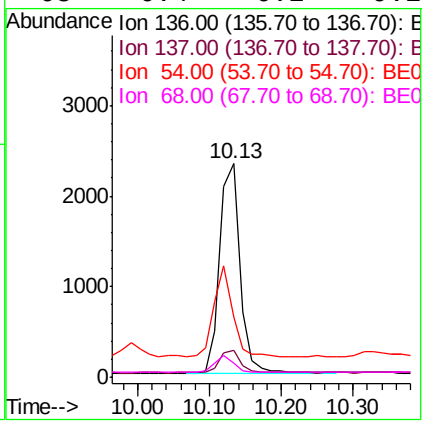


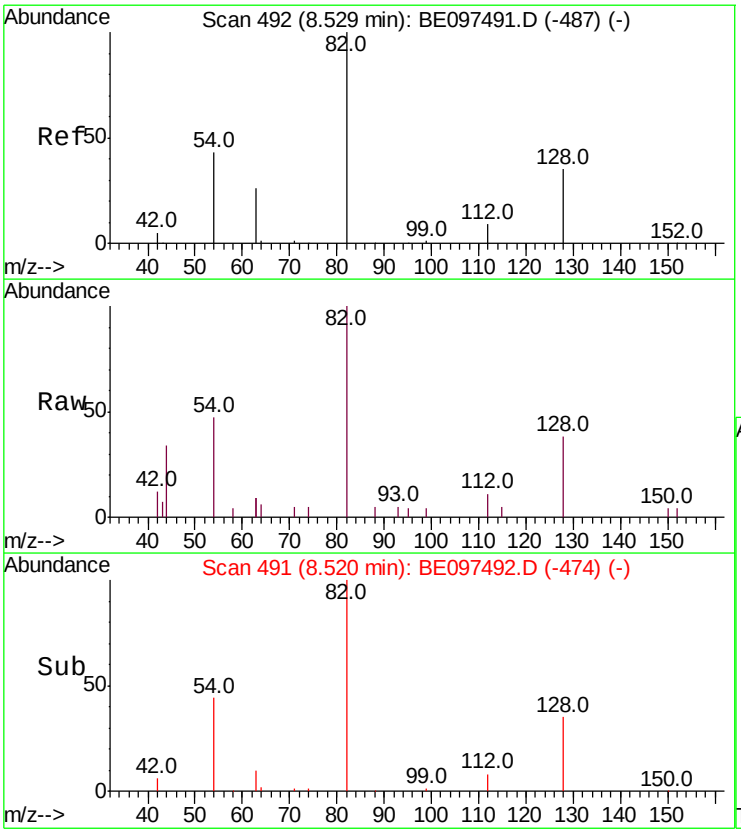
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4559

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	28.4	29.1	43.7#
68	6.4	6.2	9.2

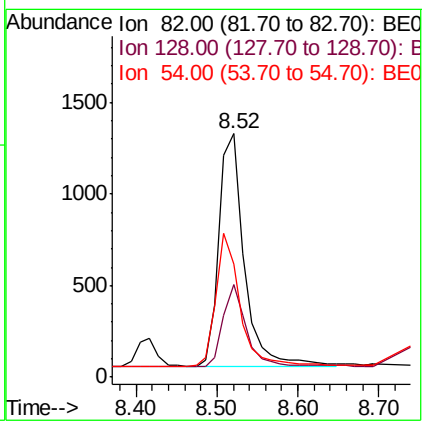


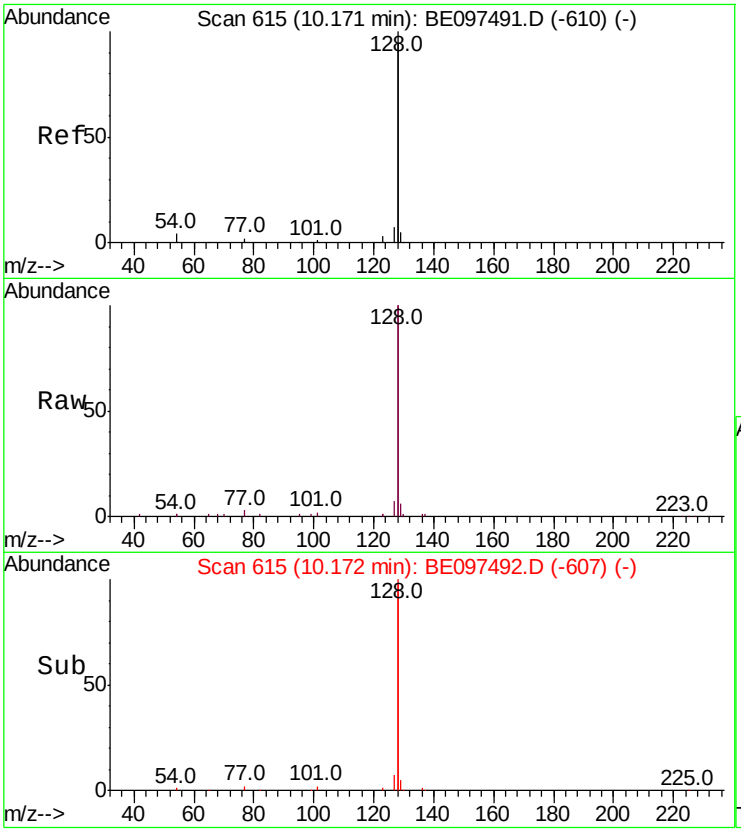


#8
Nitrobenzene-d5
Concen: 0.851 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion: 82 Resp: 2780

Ion	Ratio	Lower	Upper
82	100		
128	37.9	24.0	36.0#
54	46.6	40.0	60.0



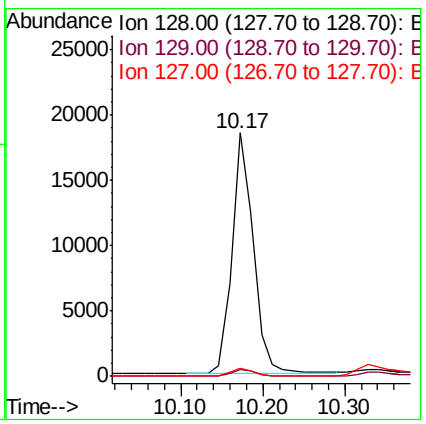


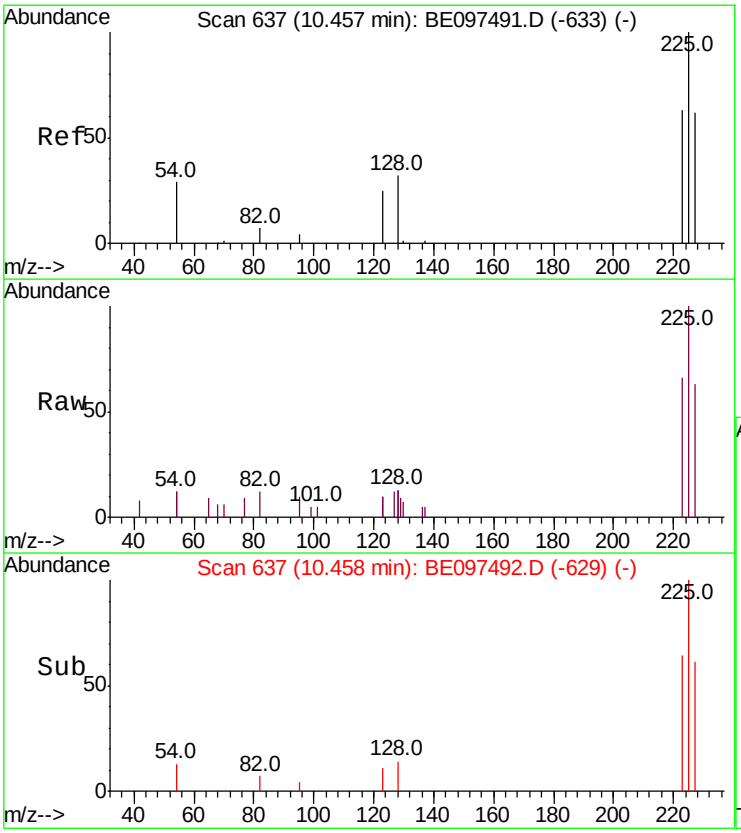
#9
Naphthalene
Concen: 0.805 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 33395

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2

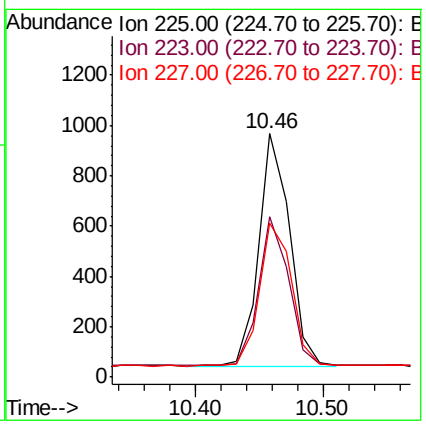


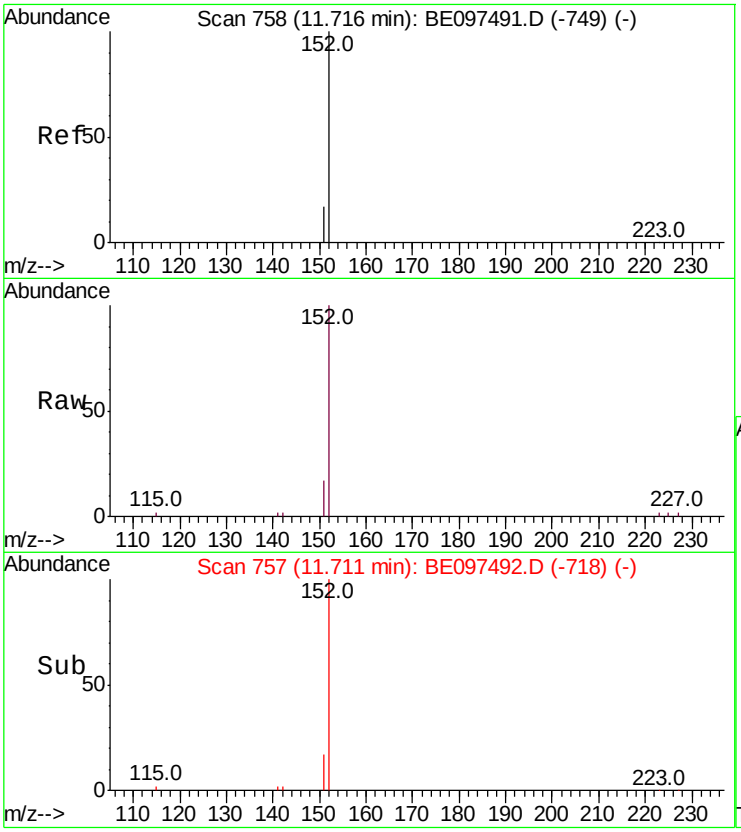


#10
Hexachlorobutadiene
Concen: 0.828 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:225 Resp: 1536

Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.0	79.6
227	64.6	51.4	77.2



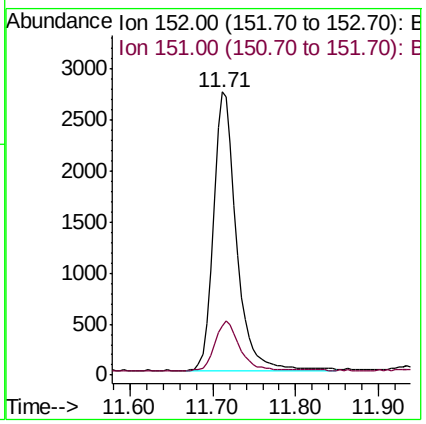


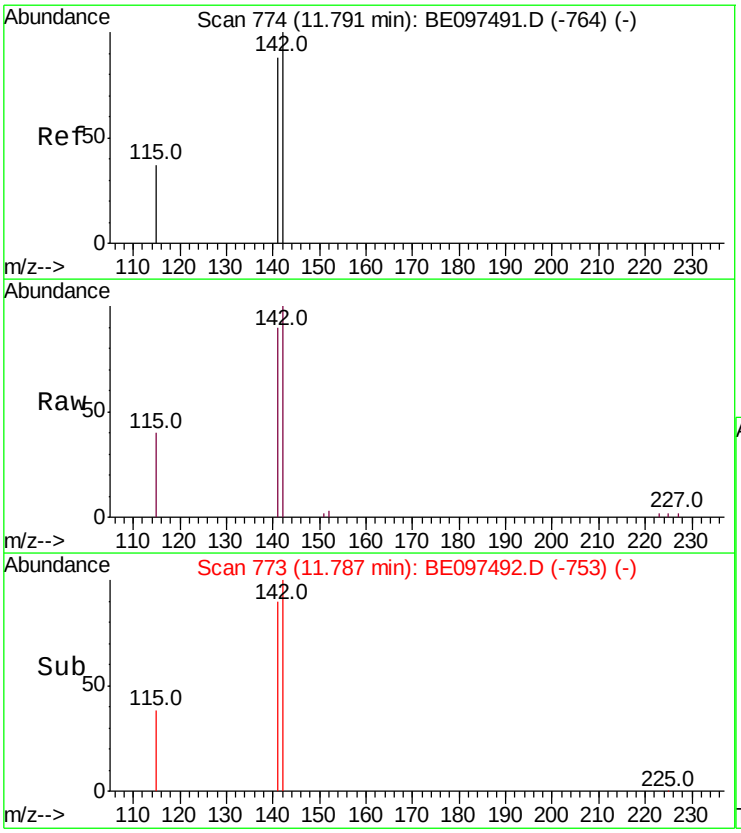
#11
2-Methylnaphthalene-d10
Concen: 0.832 ng
RT: 11.71 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5286

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

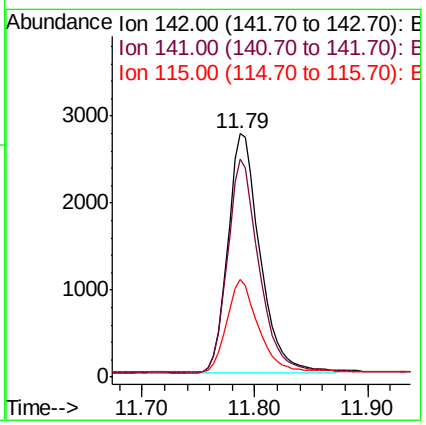


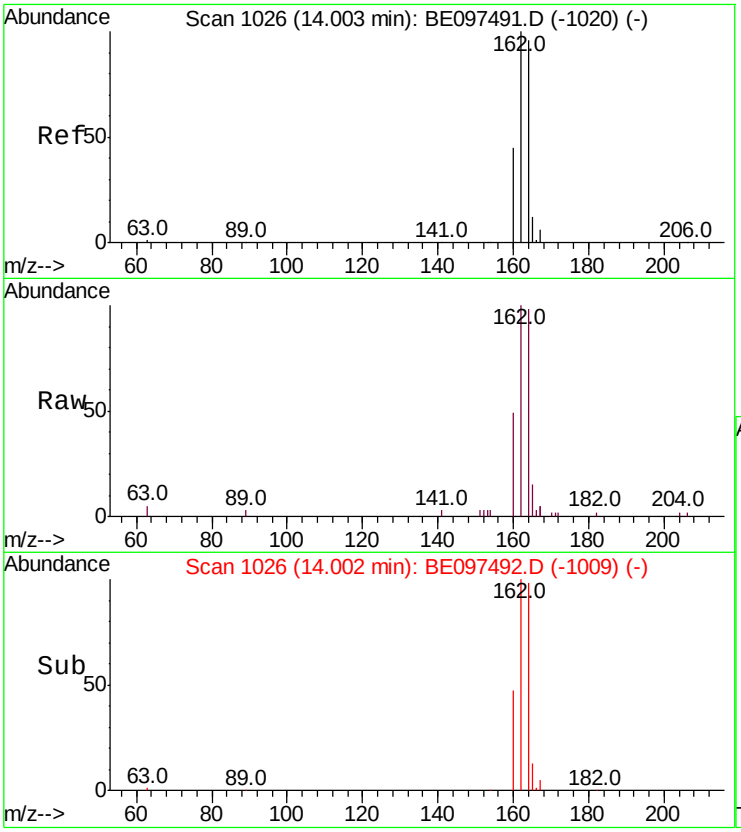


#12
2-Methylnaphthalene
Concen: 0.826 ng
RT: 11.79 min Scan# 773
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:142 Resp: 5405

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	39.9	31.7	47.5



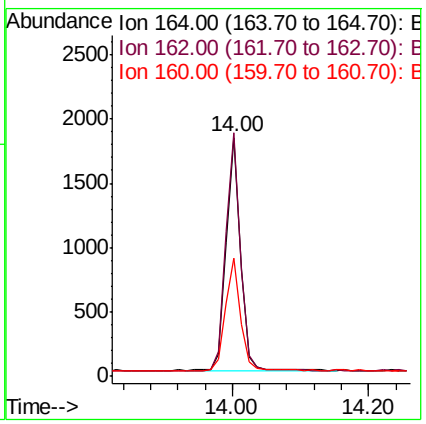


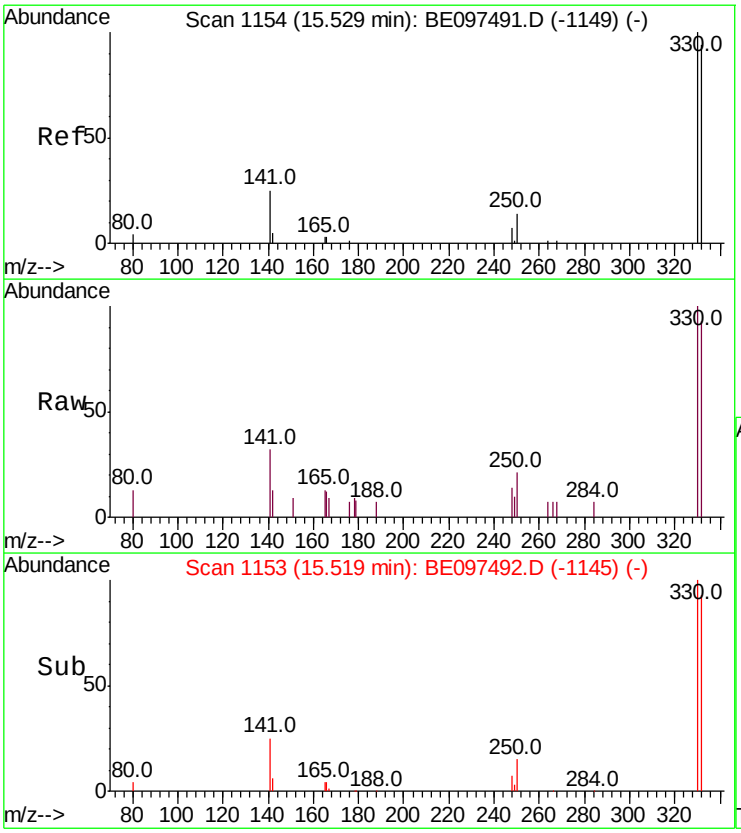
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2685

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	49.5	37.1	55.7

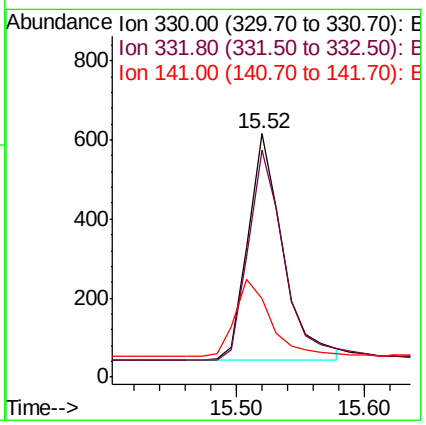


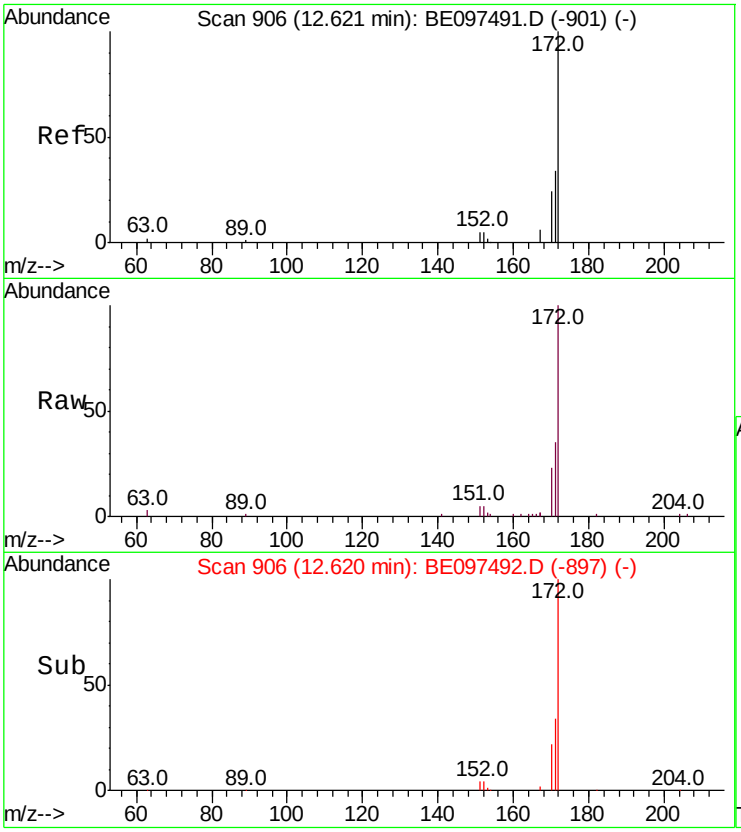


#14
2,4,6-Tribromophenol
Concen: 1.199 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:330 Resp: 1089

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	35.4	33.7	50.5



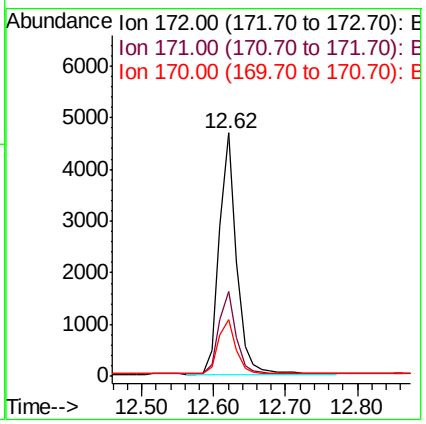


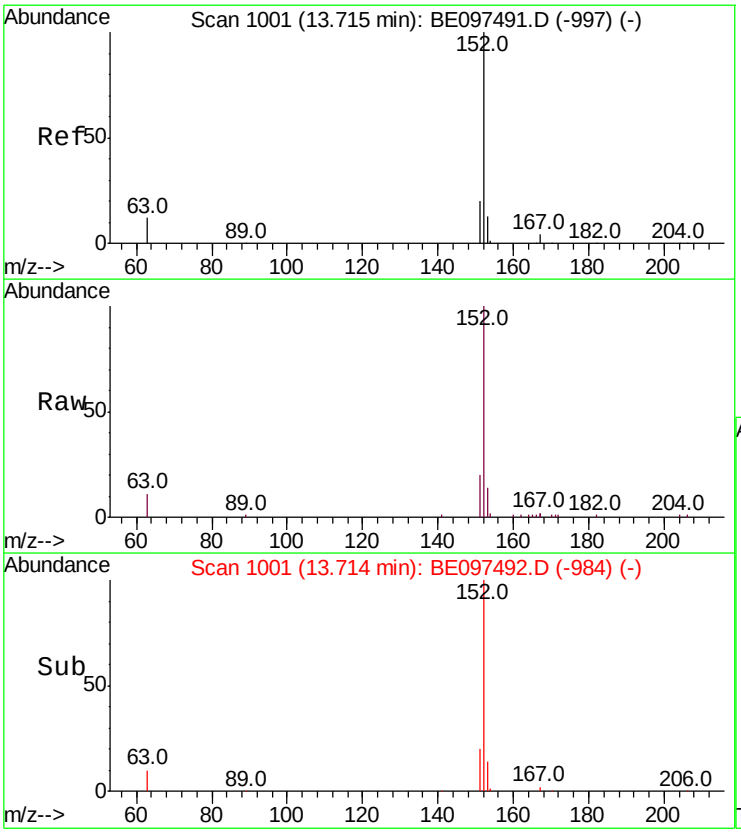
#15
2-Fluorobiphenyl
Concen: 0.786 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7750

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.3	21.8	32.8

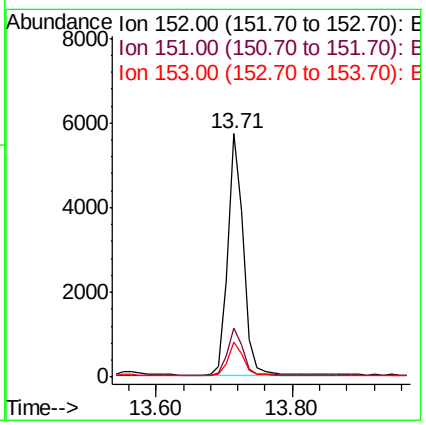


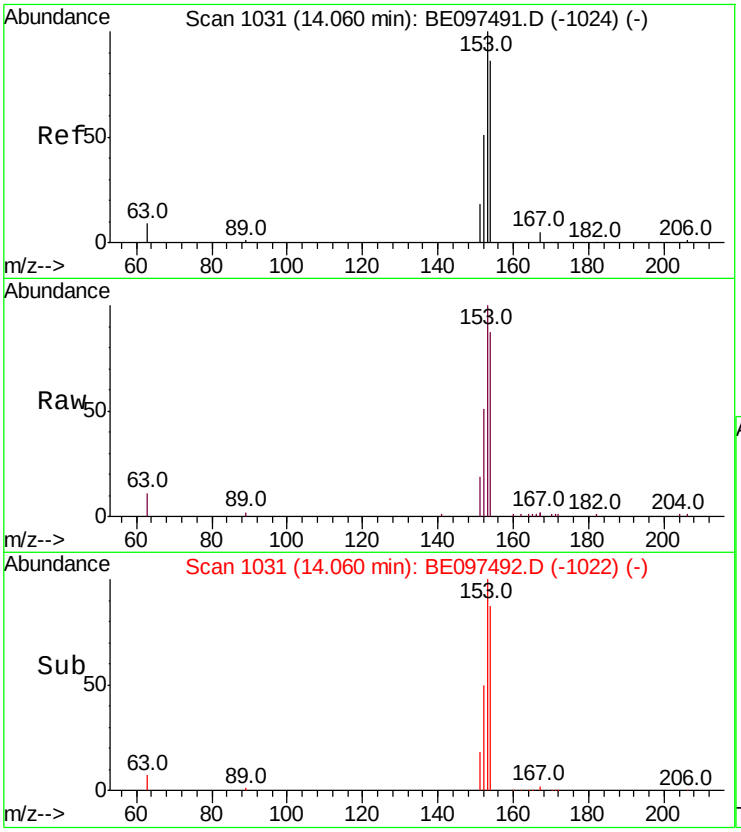


#16
Acenaphthylene
Concen: 0.856 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:152 Resp: 9145

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.4	10.5	15.7



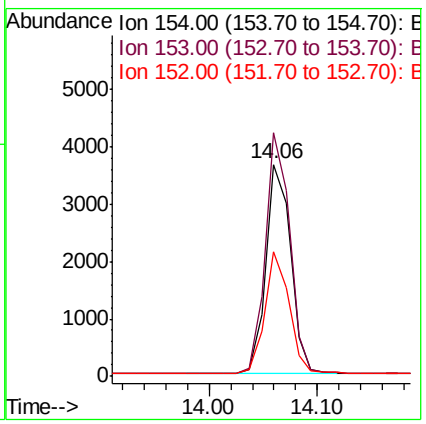


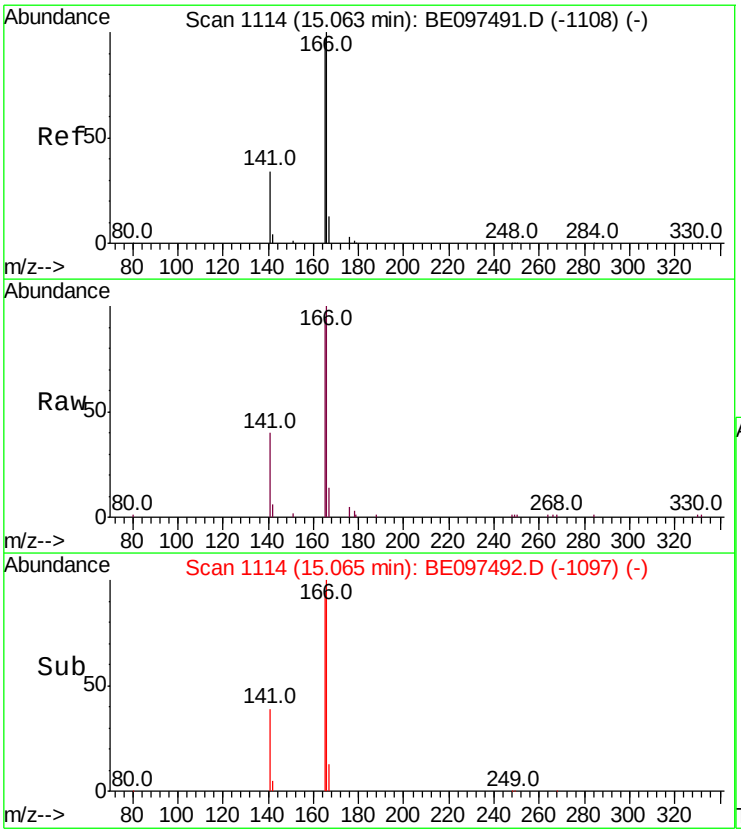
#17
Acenaphthene
Concen: 0.823 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 5859

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	56.2	42.0	63.0

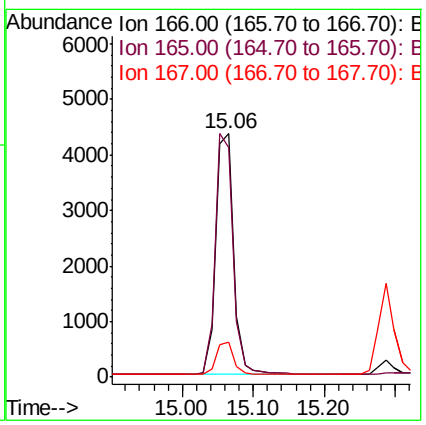


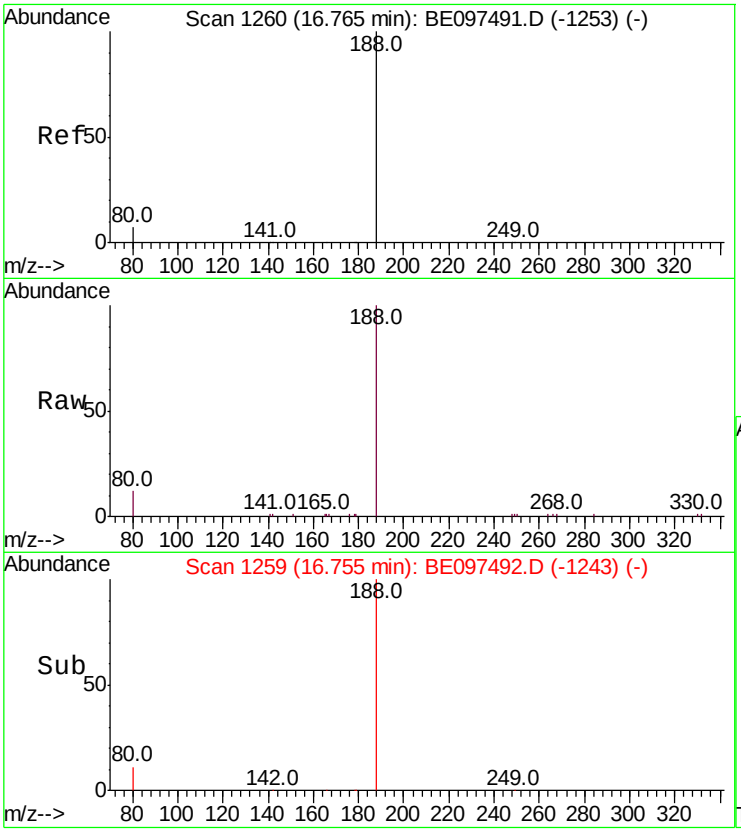


#18
Fluorene
Concen: 0.833 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:166 Resp: 7508

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.3	42.4	63.6#



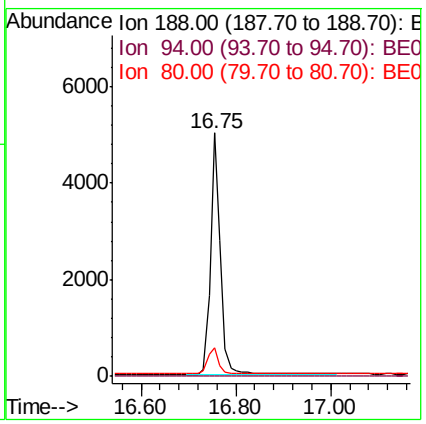


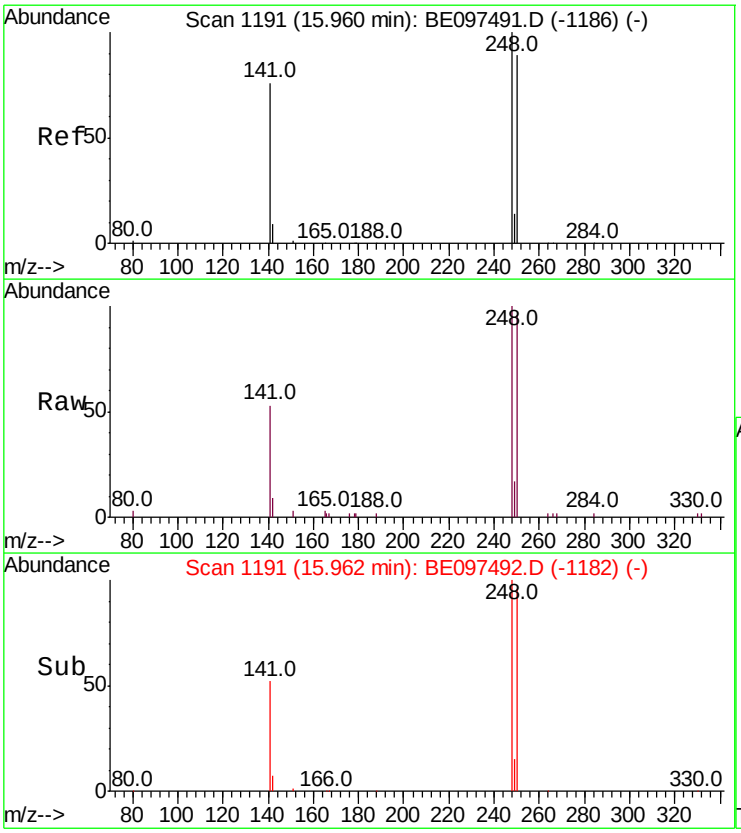
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7302

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.8	3.6	5.4#

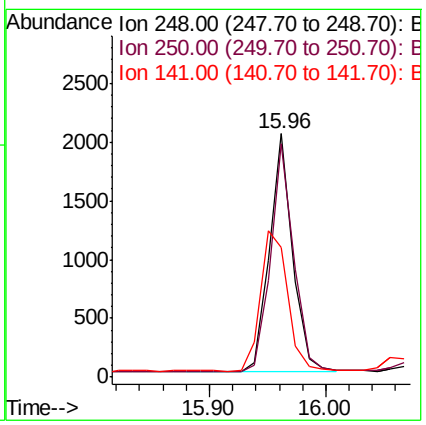


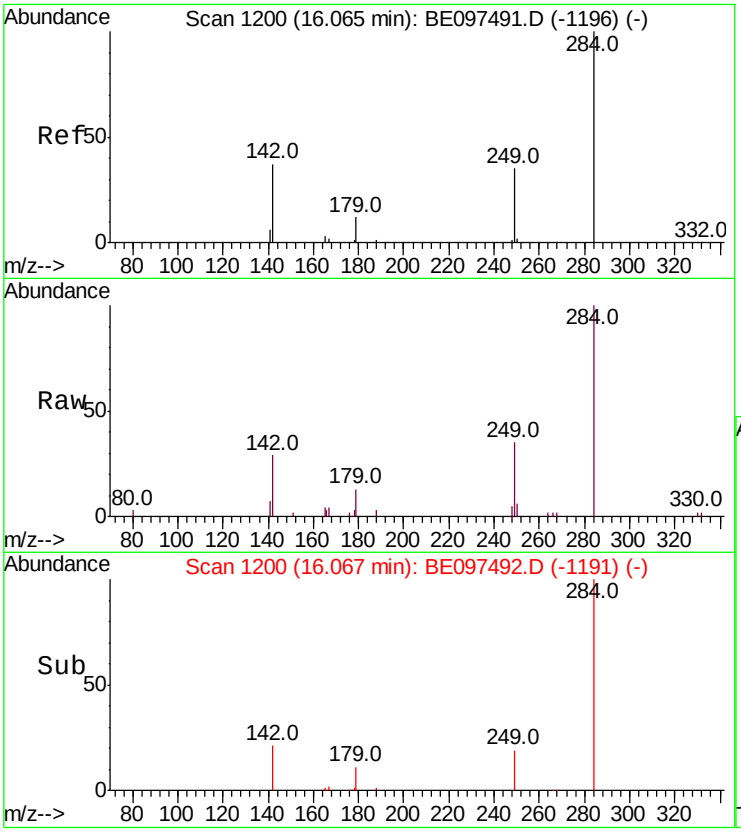


#20
4-Bromophenyl-phenylether
Concen: 0.844 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:248 Resp: 2801

Ion	Ratio	Lower	Upper
248	100		
250	96.1	62.7	94.1#
141	53.5	48.2	72.2



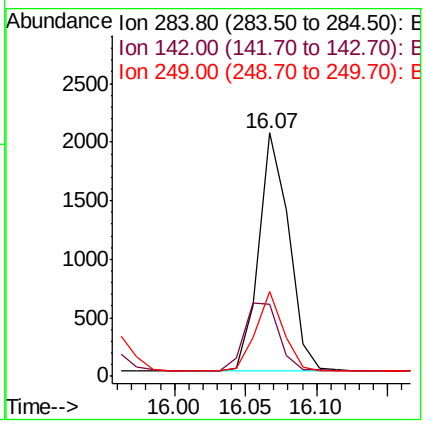


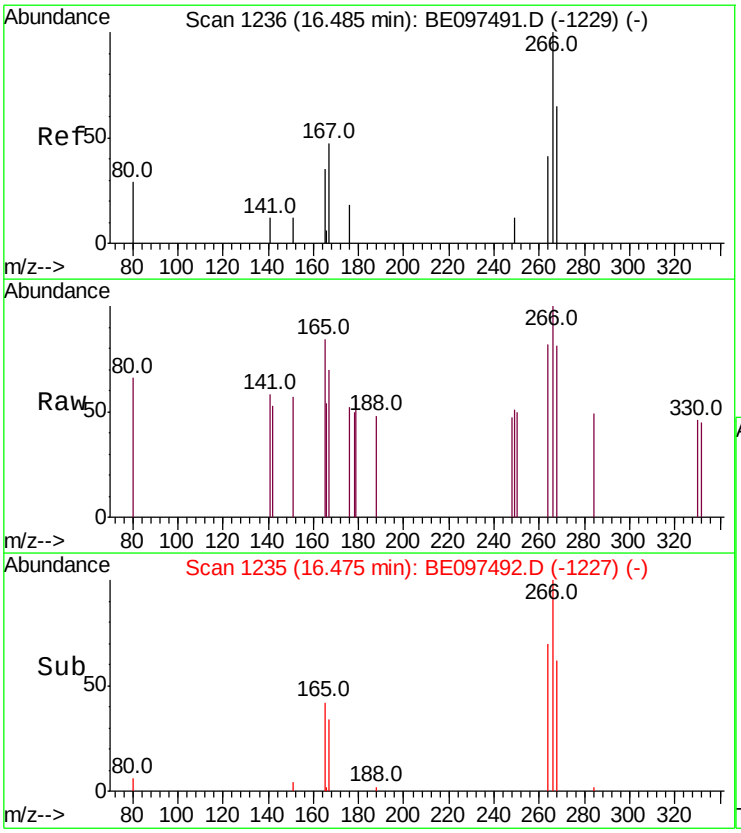
#21
Hexachlorobenzene
Concen: 0.814 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2987

Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.1	33.1
249	30.5	34.8	52.2#

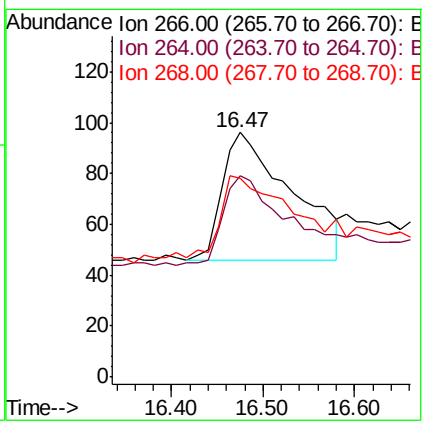


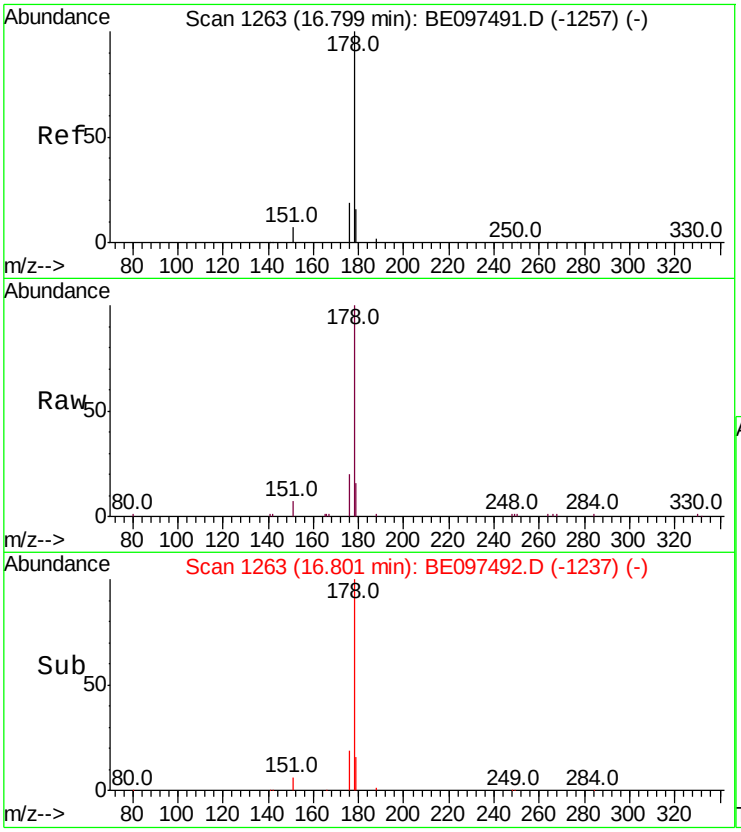


#22
Pentachlorophenol
Concen: 0.260 ng
RT: 16.47 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:266 Resp: 262

Ion	Ratio	Lower	Upper
266	100		
264	82.3	72.5	108.7
268	81.3	73.8	110.6



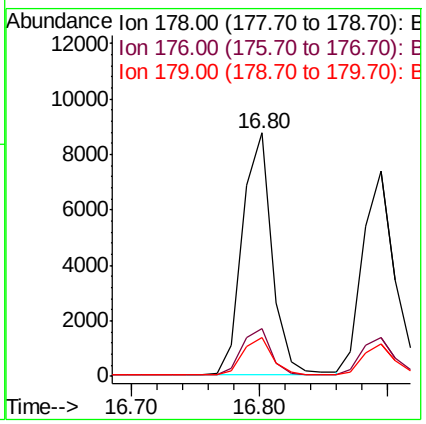


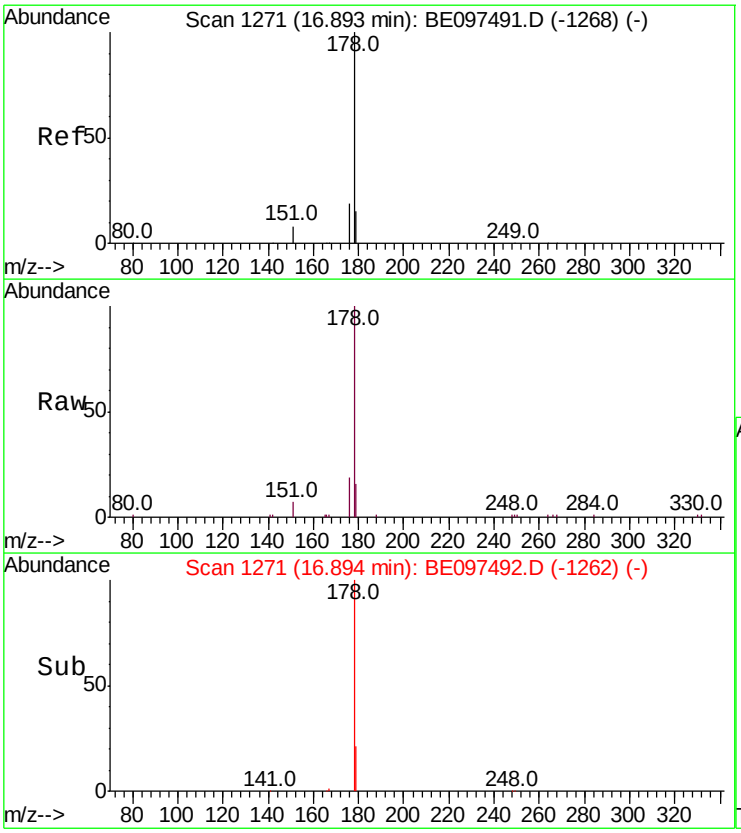
#23
Phenanthrene
Concen: 0.805 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13991

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	11.8	17.6

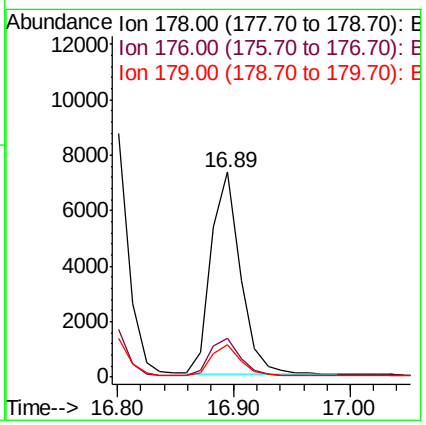


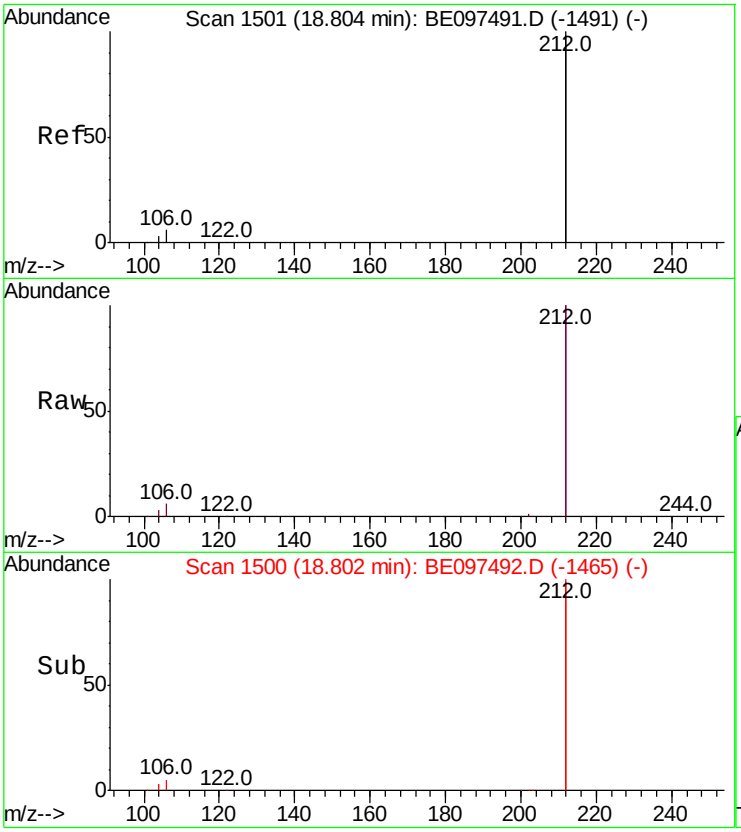


#24
Anthracene
Concen: 0.857 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:178 Resp: 12673

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.2	13.0	19.6



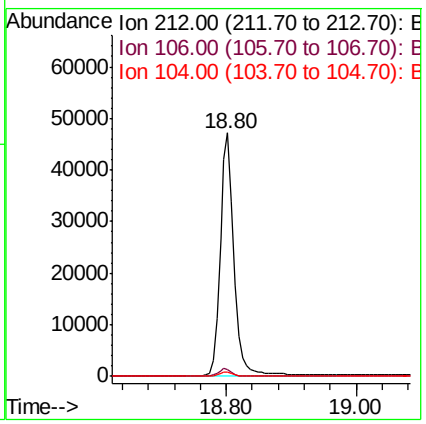


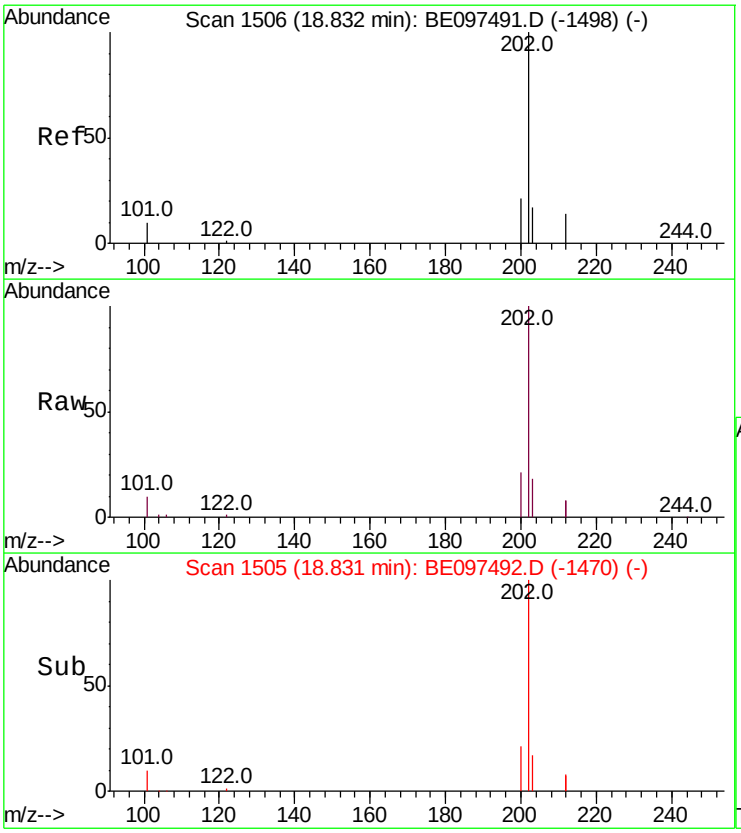
#25
Fluoranthene-d10
Concen: 0.826 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 69203

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

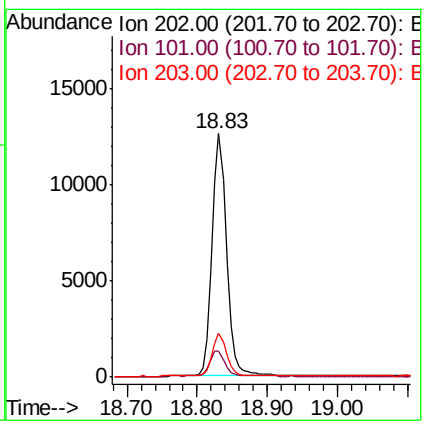


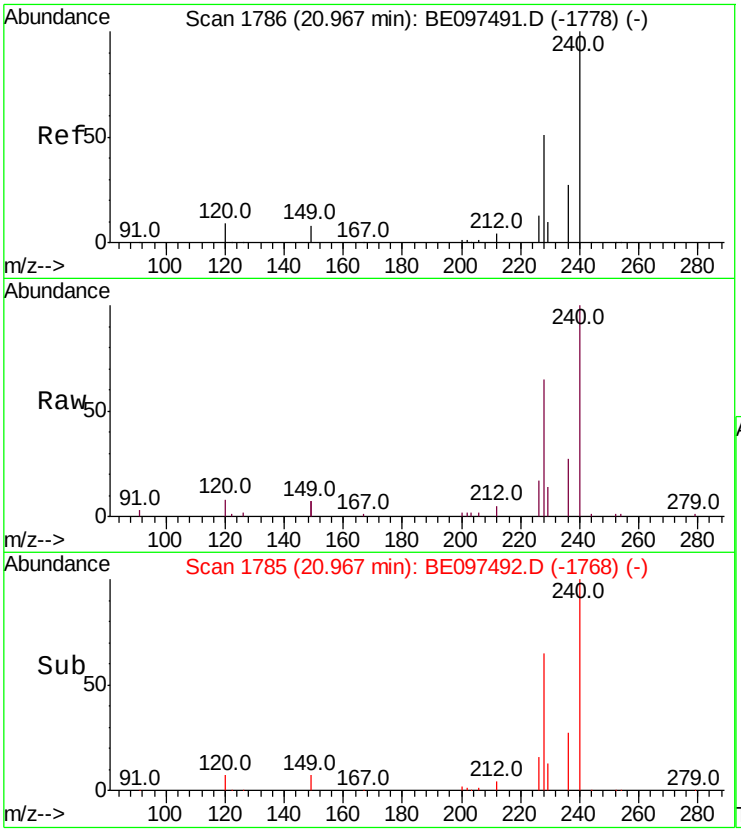


#26
Fluoranthene
Concen: 0.826 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:202 Resp: 17988

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	17.2	13.7	20.5



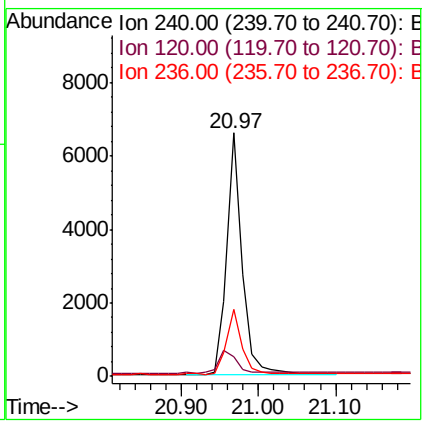


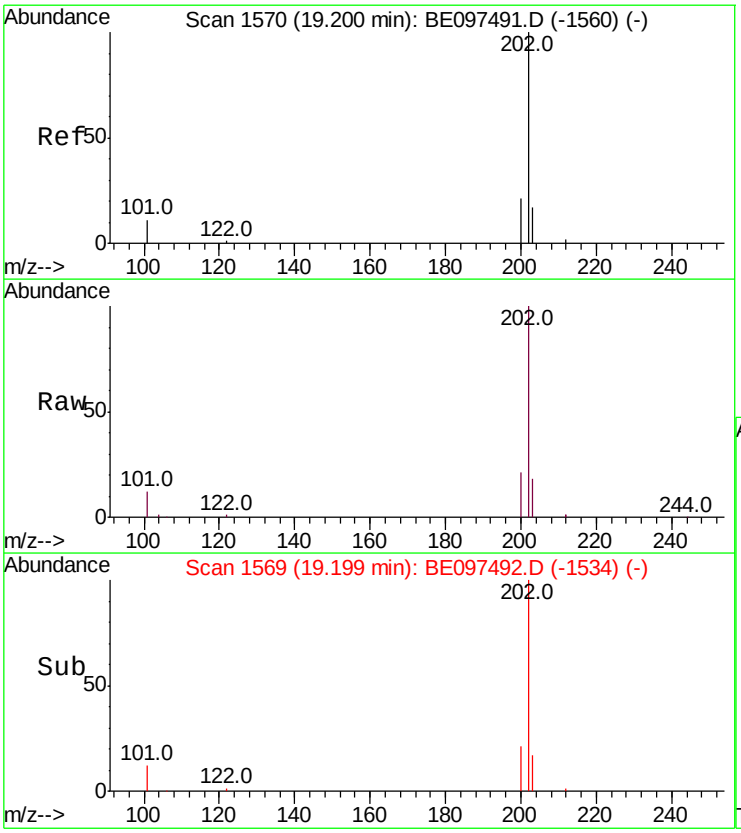
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9086

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.5	8.3
236	27.5	20.7	31.1

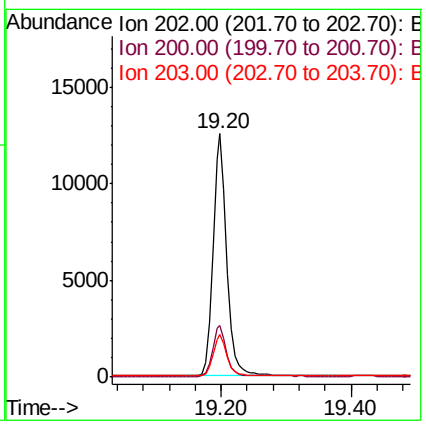


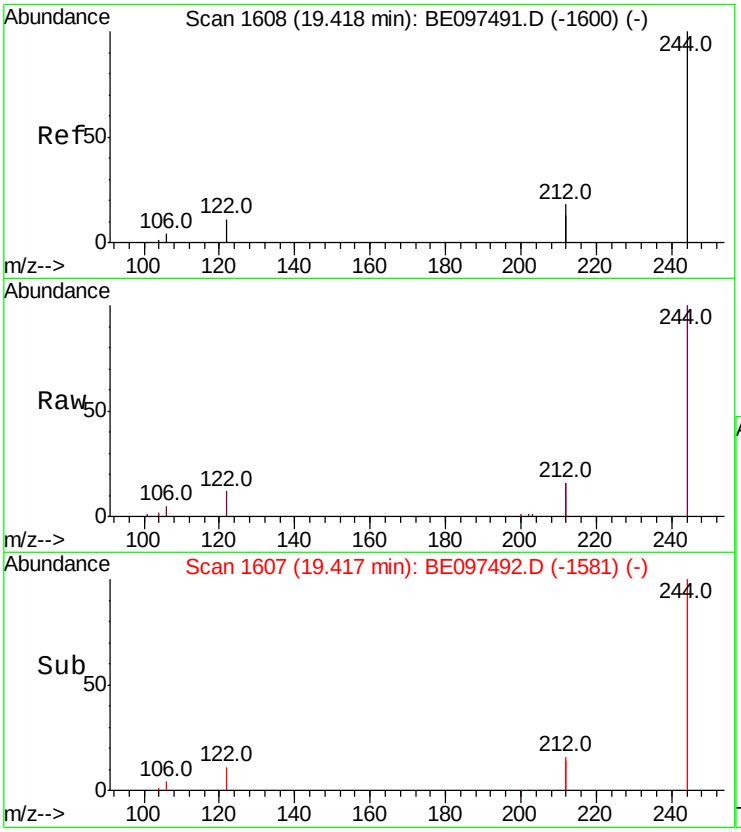


#28
Pyrene
Concen: 0.873 ng
RT: 19.20 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:202 Resp: 18885

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.4	13.8	20.8



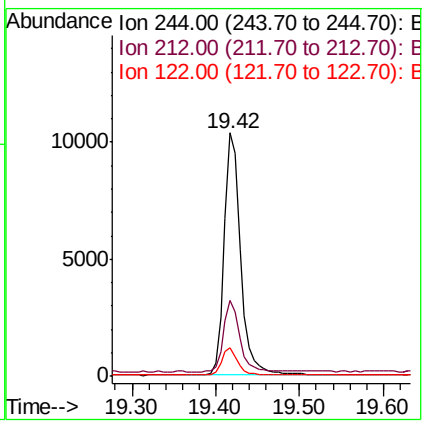


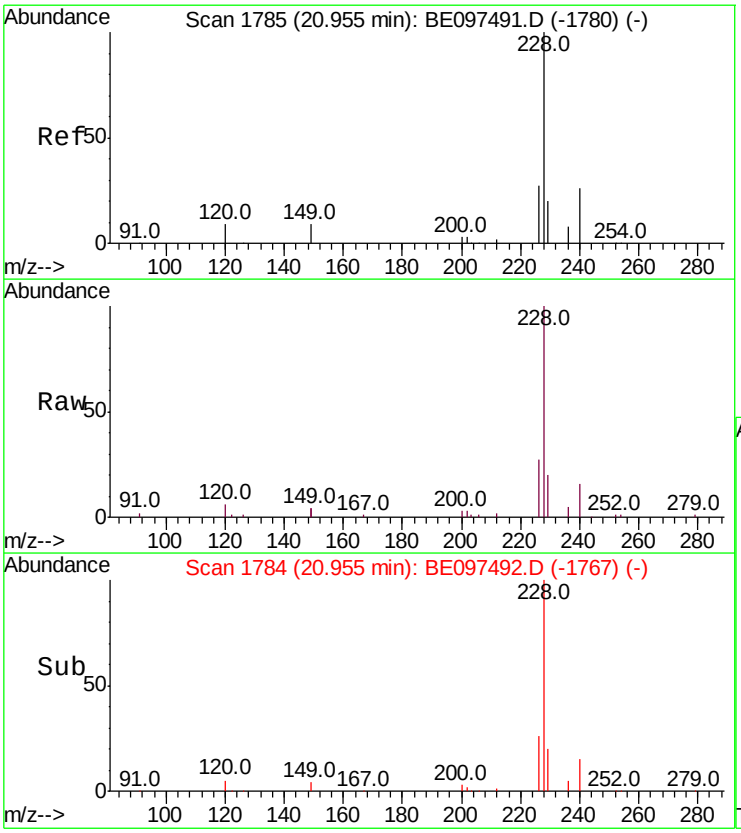
#29
Terphenyl-d14
Concen: 0.845 ng
RT: 19.42 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14162

Ion	Ratio	Lower	Upper
244	100		
212	31.0	25.4	38.0
122	11.5	8.1	12.1

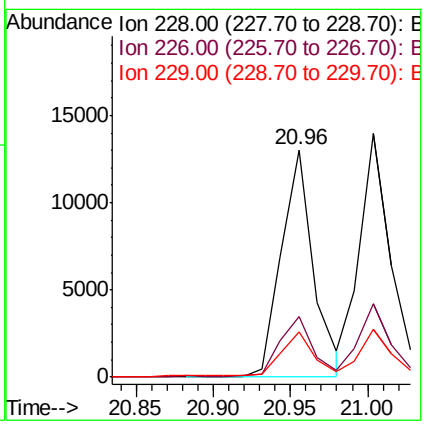


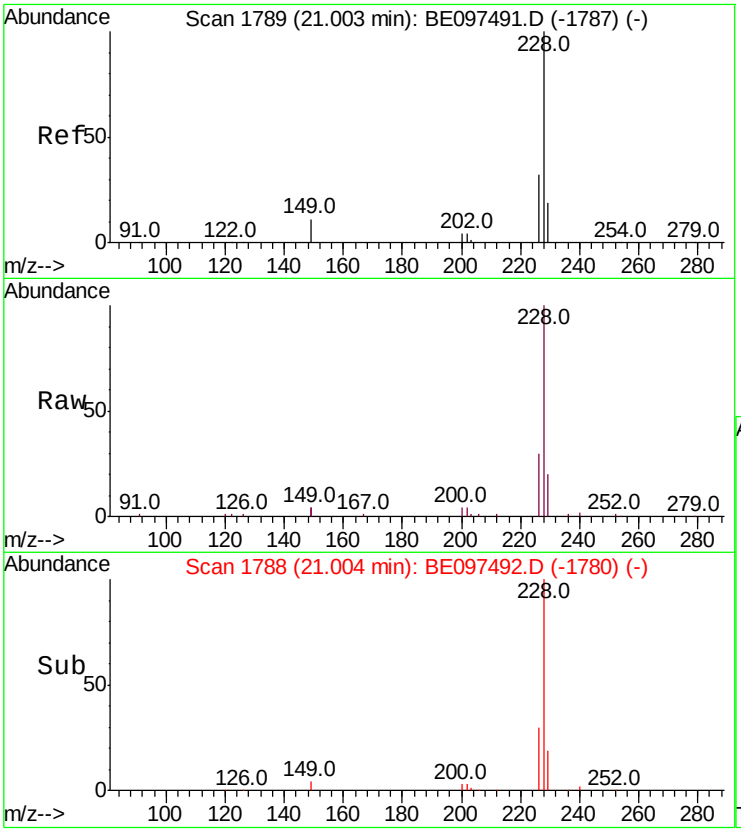


#30
Benzo(a)anthracene
Concen: 0.818 ng
RT: 20.96 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:228 Resp: 18807

Ion	Ratio	Lower	Upper
228	100		
226	26.7	24.0	36.0
229	20.2	16.0	24.0



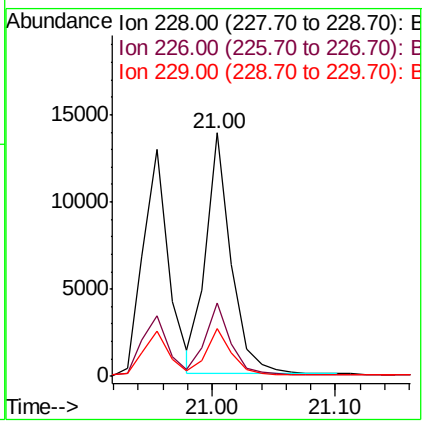


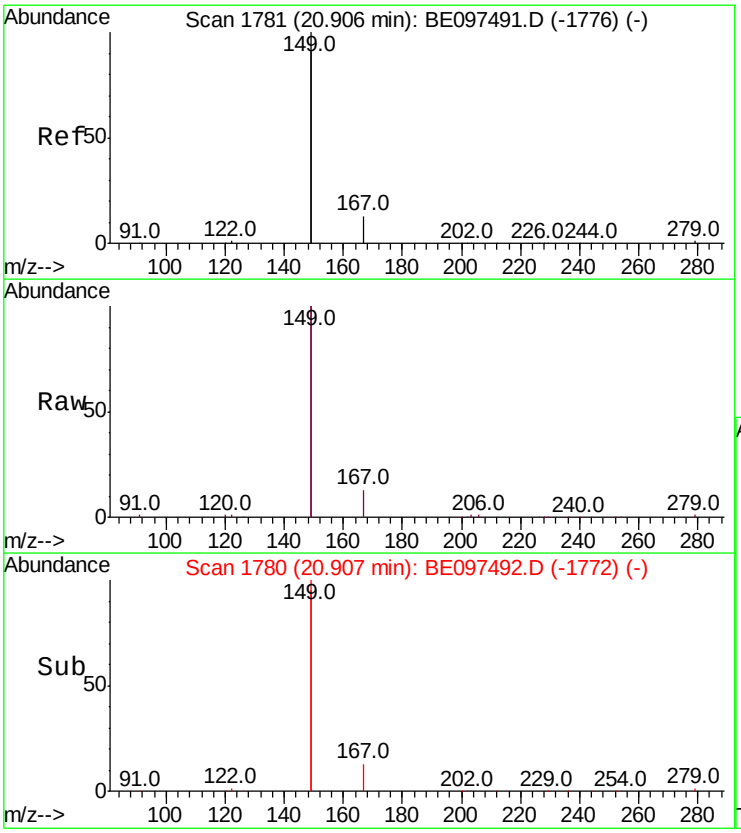
#31
Chrysene
Concen: 0.800 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19779

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.7	16.0	24.0

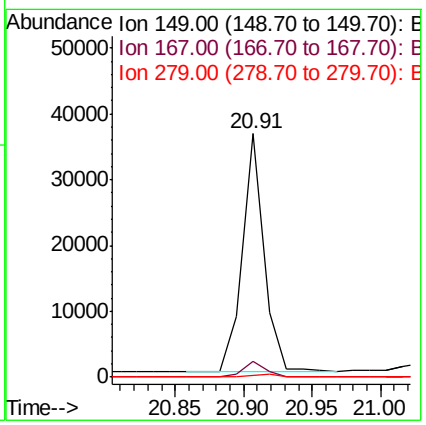


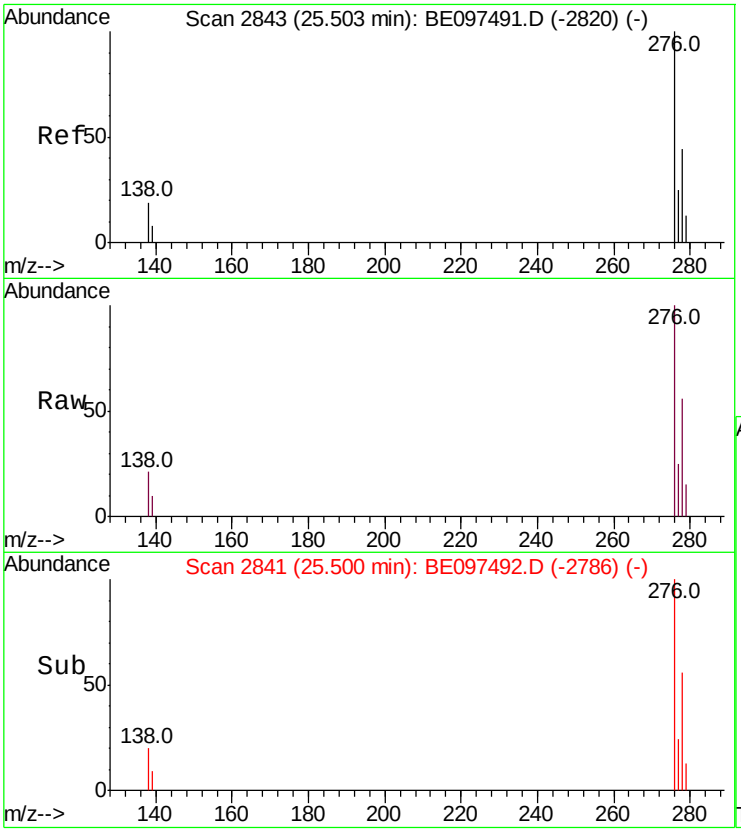


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.292 ng
RT: 20.91 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:149 Resp: 39918

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



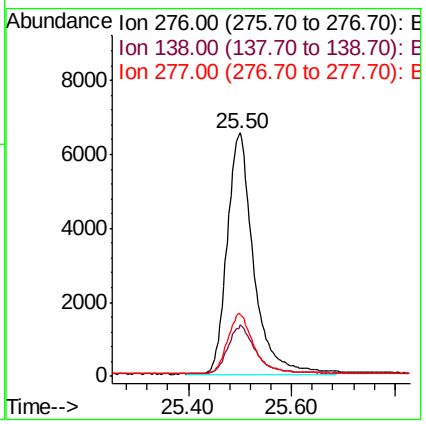


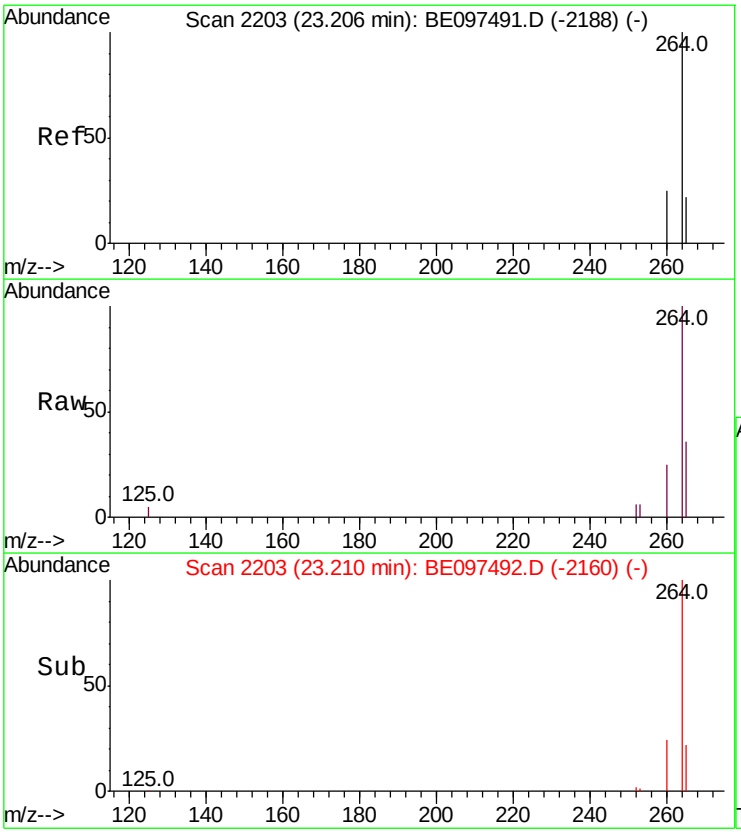
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.661 ng
RT: 25.50 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23203

Ion	Ratio	Lower	Upper
276	100		
138	20.5	22.5	33.7#
277	24.5	19.9	29.9

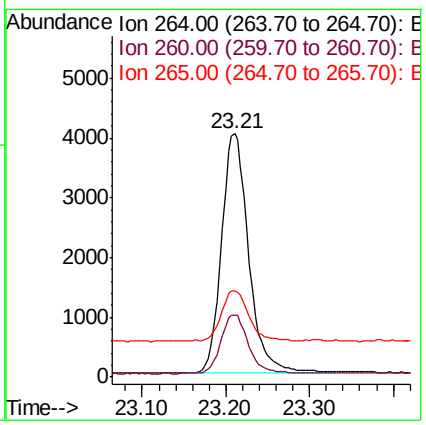


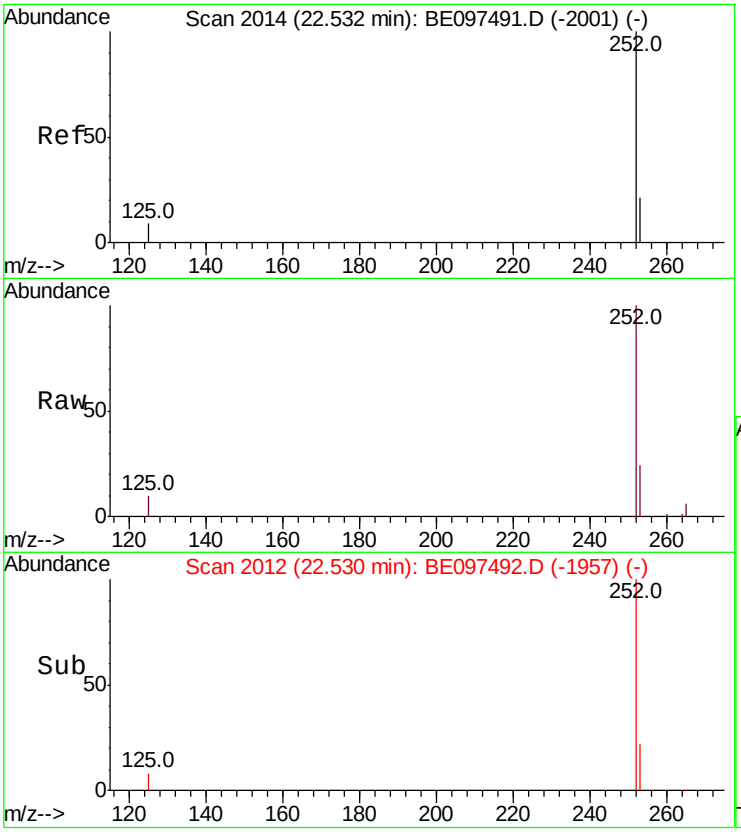


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:264 Resp: 9041

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	35.5	22.8	34.2#



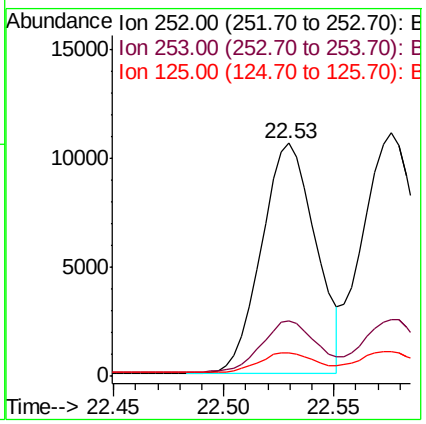


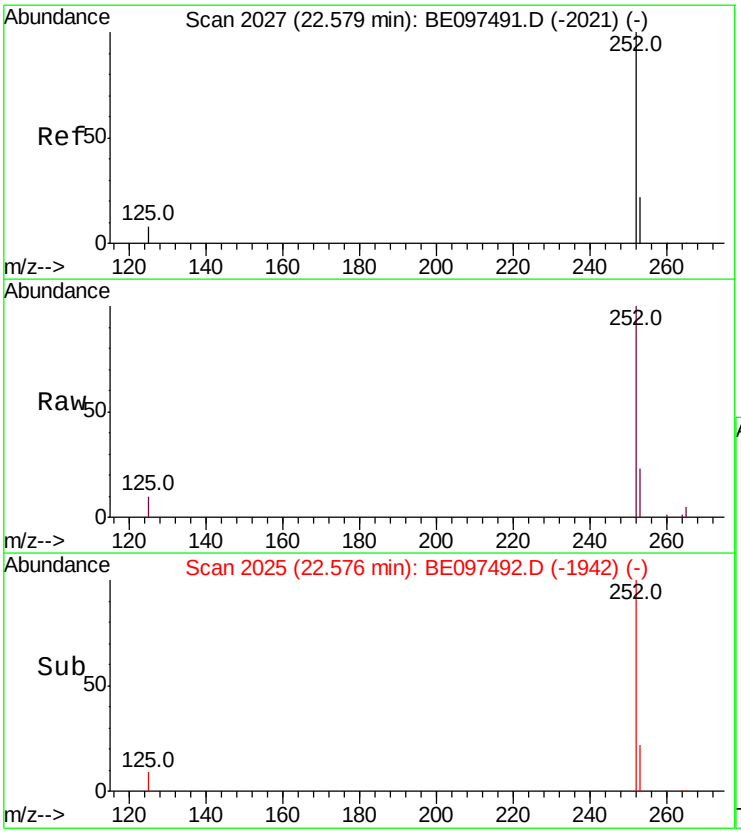
#35
Benzo(b)fluoranthene
Concen: 0.700 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18090

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.1	16.0	24.0#

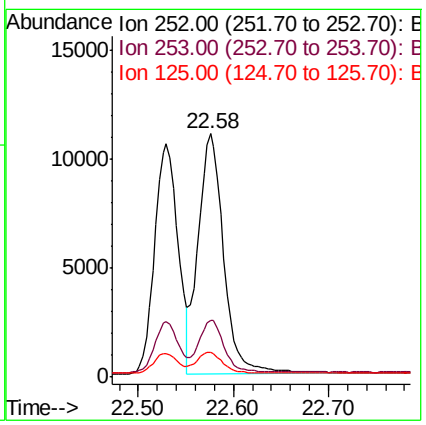


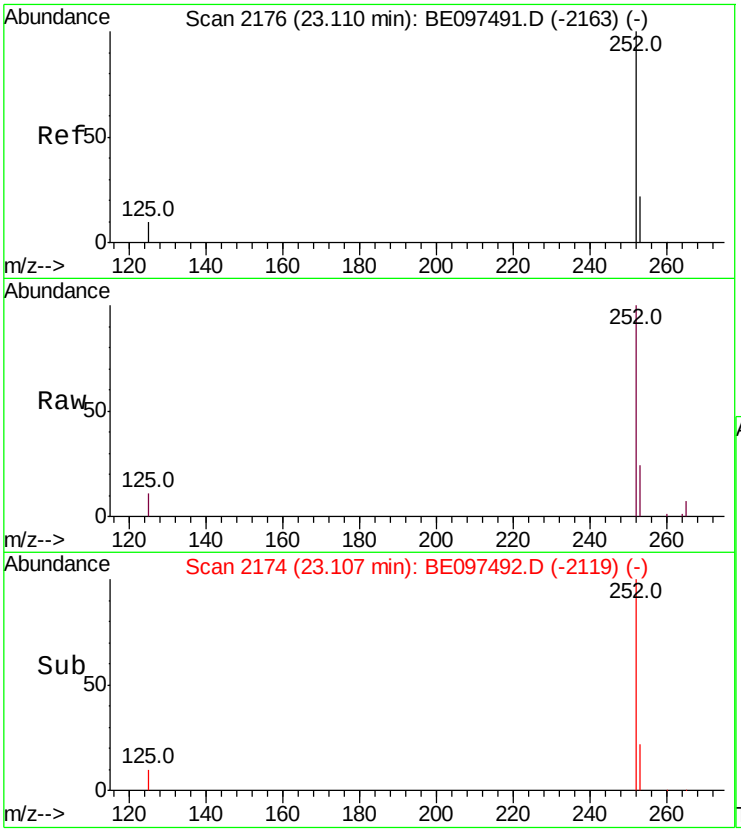


#36
Benzo(k)fluoranthene
Concen: 0.718 ng
RT: 22.58 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:252 Resp: 20524

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.4	8.0	12.0



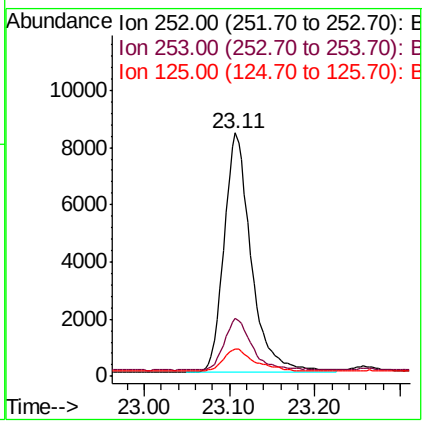


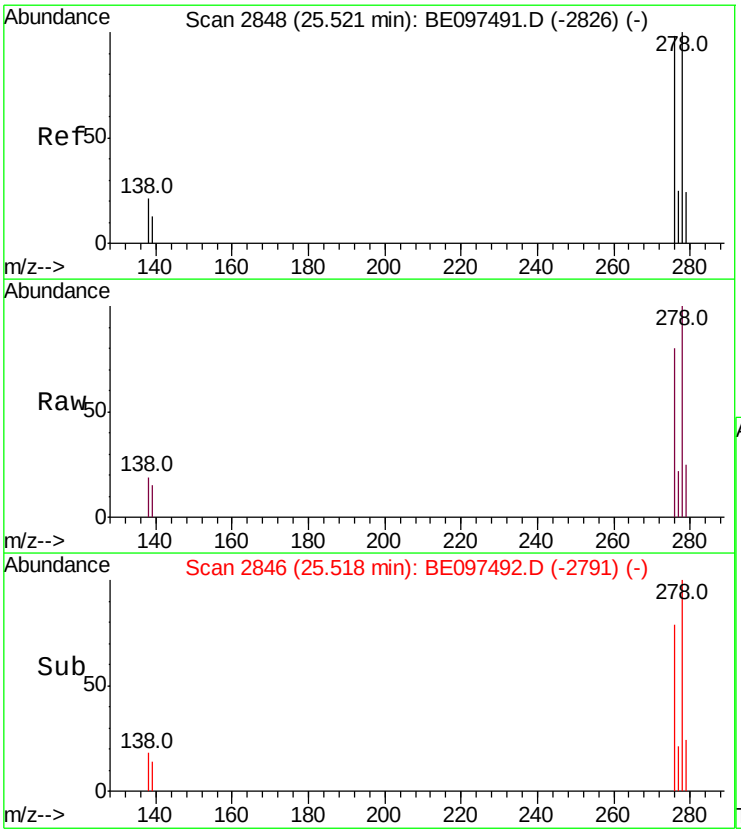
#37
Benzo(a)pyrene
Concen: 0.790 ng
RT: 23.11 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18420

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.0	24.0
125	11.5	12.0	18.0#

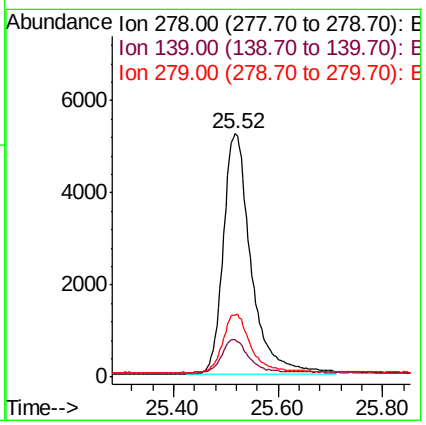


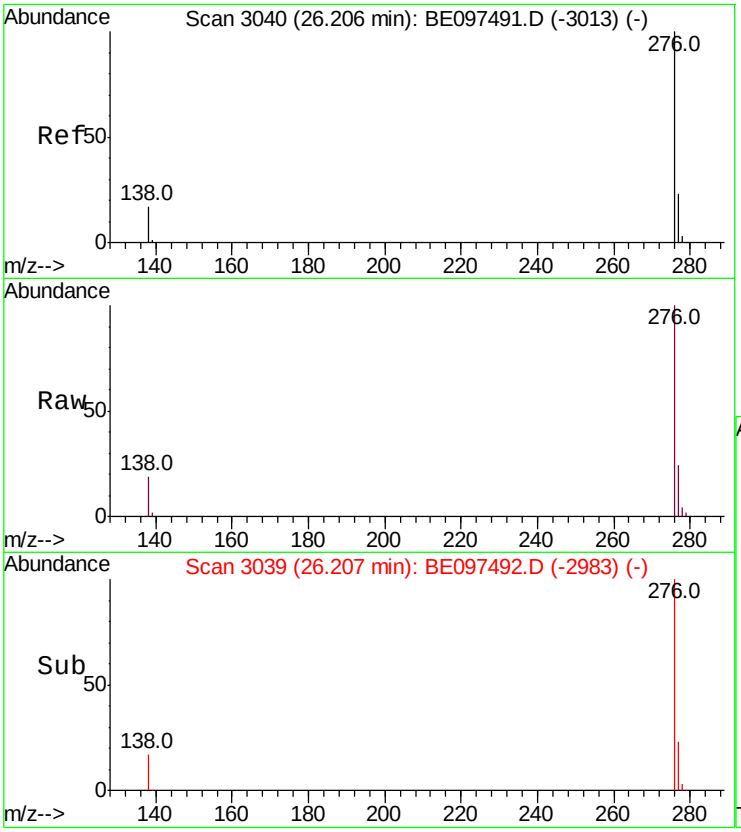


#38
Dibenzo(a,h)anthracene
Concen: 0.629 ng
RT: 25.52 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Tgt Ion:278 Resp: 19278

Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.0	24.0#
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.618 ng
RT: 26.21 min Scan# 3039
Delta R.T. 0.00 min
Lab File: BE097492.D
Acq: 17 Sep 2018 11:55

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19542

Ion	Ratio	Lower	Upper
276	100		
277	24.2	16.0	24.0#
138	18.8	20.0	30.0#