Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097615.D
Acq On : 21 Sep 2018 17:17
Operator : SJ/JU
Sample : PB112764BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB112764BS

Quant Time: Sep 22 04:08:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1097	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4627	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2222	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	5096	0.40	ng		0.00
27) Chrysene-d12	20.97	240	6862	0.40	ng		0.00
34) Perylene-d12	23.20	264	7488	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1222	0.37	ng		0.01
5) Phenol-d6	6.61	99	1342	0.32	ng		0.00
8) Nitrobenzene-d5	8.53	82	1335	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	3313	0.52	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	214	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3682	0.47	ng		0.00
25) Fluoranthene-d10	18.80	212	23628	0.36	ng		0.00
29) Terphenyl-d14	19.42	244	4152	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	623	0.325	ng	#	77
3) n-Nitrosodimethylamine	3.38	42	537	0.339	ng	#	81
6) bis(2-Chloroethyl)ether	6.82	93	1213	0.311	ng		87
9) Naphthalene	10.17	128	17104	0.410	ng		99
10) Hexachlorobutadiene	10.46	225	738	0.384	ng		96
12) 2-Methylnaphthalene	11.80	142	2561	0.394	ng		97
16) Acenaphthylene	13.71	152	3361	0.383	ng		99
17) Acenaphthene	14.06	154	2271	0.386	ng		96
18) Fluorene	15.06	166	2898	0.377	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	909	0.396	ng	#	82
21) Hexachlorobenzene	16.08	284	1054	0.417	ng	#	85
22) Pentachlorophenol	16.45	266	298	0.393	ng	#	81
23) Phenanthrene	16.80	178	4824	0.399	ng		99
24) Anthracene	16.90	178	4138	0.387	ng		96
26) Fluoranthene	18.83	202	5717	0.341	ng		98
28) Pyrene	19.20	202	5739	0.367	ng		99
30) Benzo(a)anthracene	20.95	228	6767	0.392	ng		97
31) Chrysene	21.00	228	7662	0.413	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	6795	0.245	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	10729	0.481	ng	#	94
35) Benzo(b)fluoranthene	22.53	252	7891	0.411	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	9144	0.417	ng		93
37) Benzo(a)pyrene	23.11	252	7929	0.425	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	8788	0.437	ng	#	95
39) Benzo(g,h,i)perylene	26.21	276	8635	0.441	ng	#	88

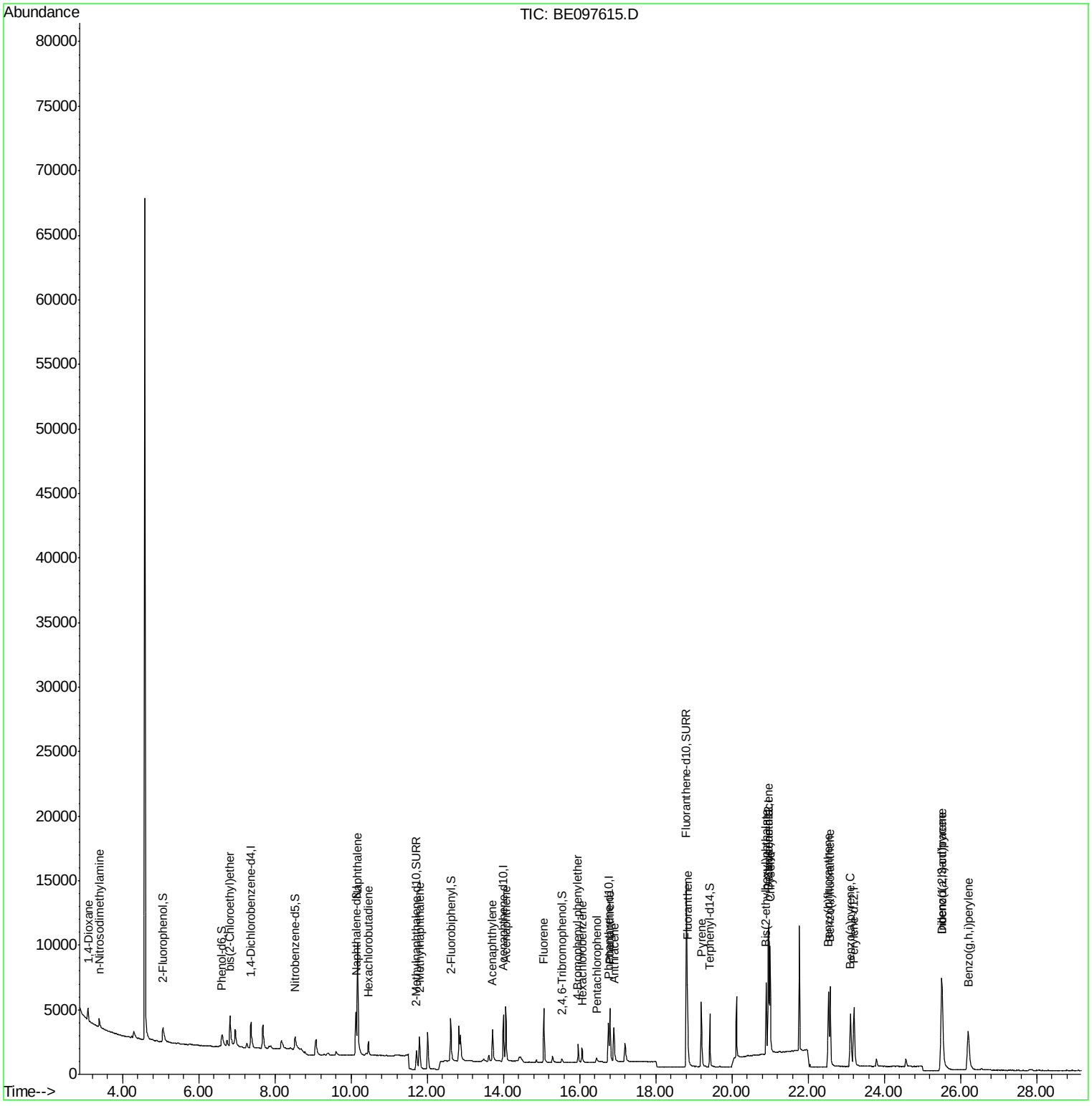
(#) = qualifier out of range (m) = manual integration (+) = signals summed

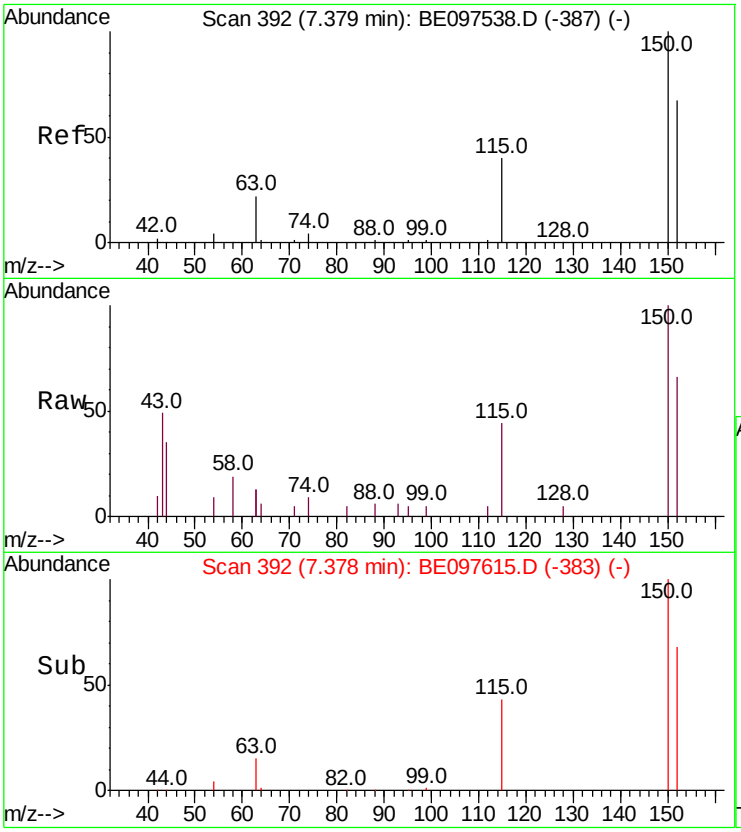
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097615.D
Acq On : 21 Sep 2018 17:17
Operator : SJ/JU
Sample : PB112764BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Quant Time: Sep 22 04:08:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



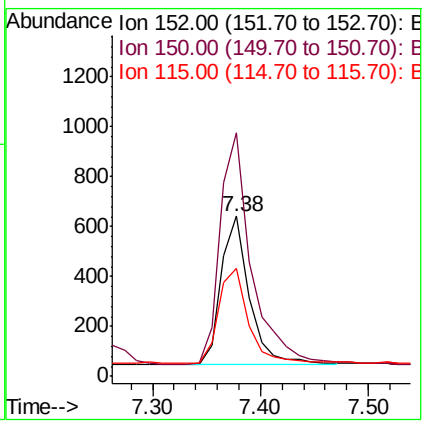


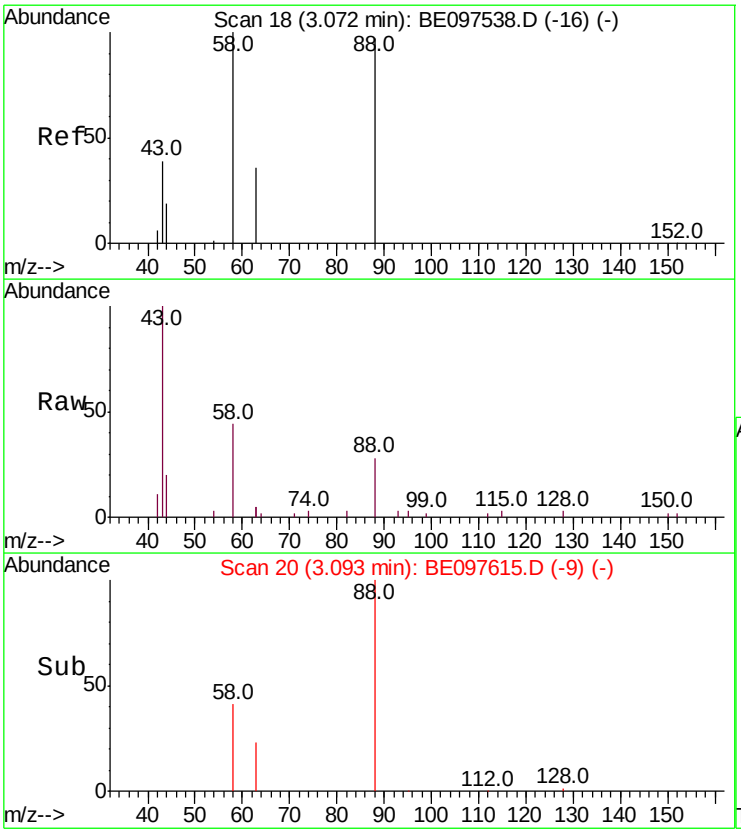
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:152 Resp: 1097

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	67.3	57.0	85.6

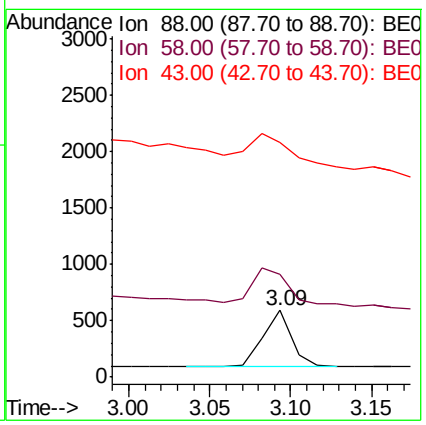


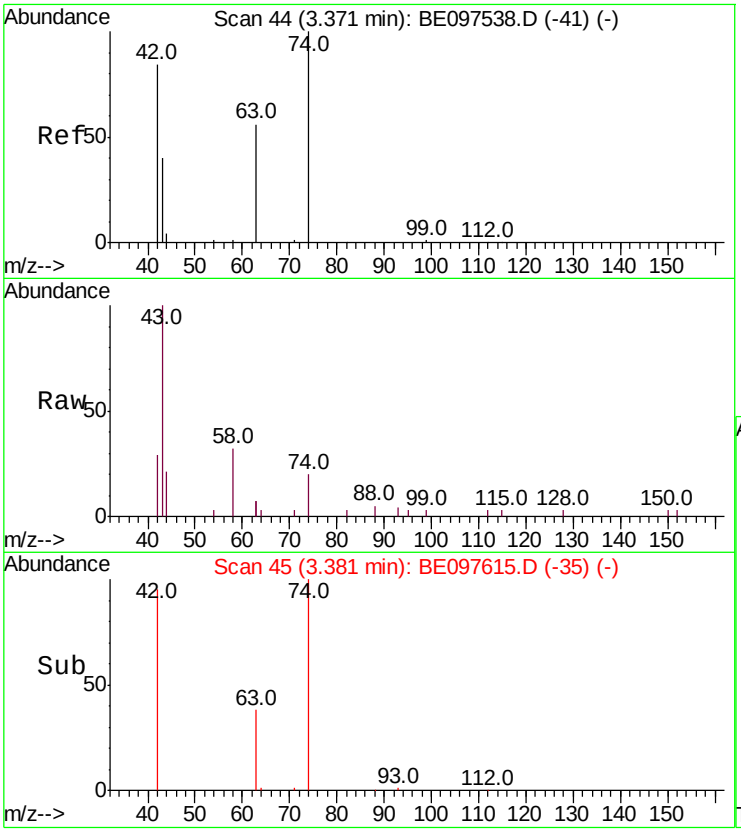


#2
1,4-Dioxane
Concen: 0.325 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion: 88 Resp: 623

Ion	Ratio	Lower	Upper
88	100		
58	74.2	63.2	94.8
43	86.0	41.2	61.8#



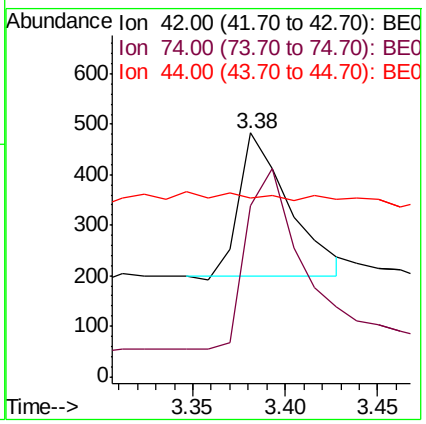


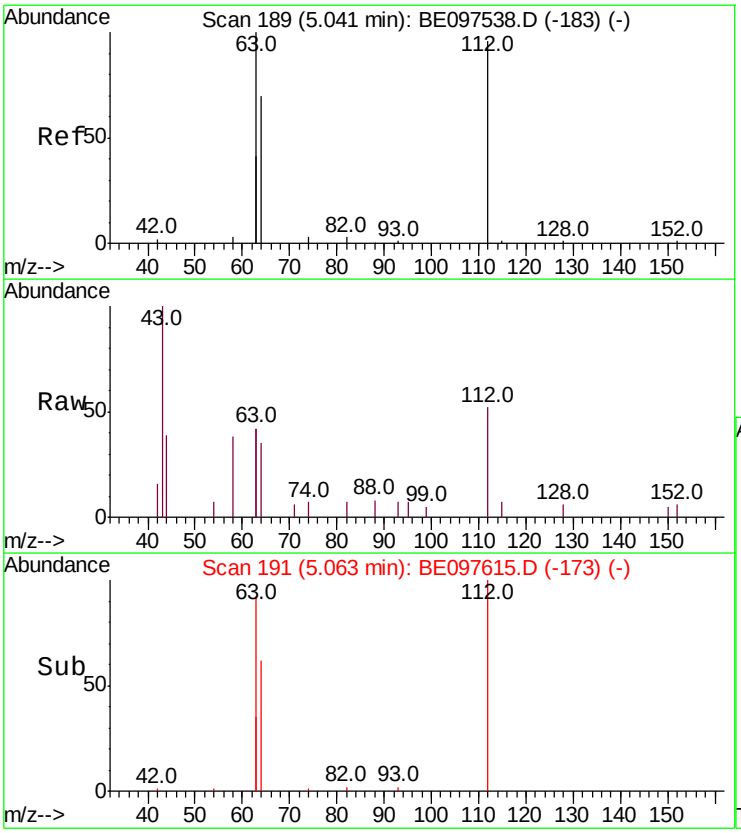
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion: 42 Resp: 537

Ion	Ratio	Lower	Upper
42	100		
74	138.2	96.0	144.0
44	0.0	12.0	18.0#

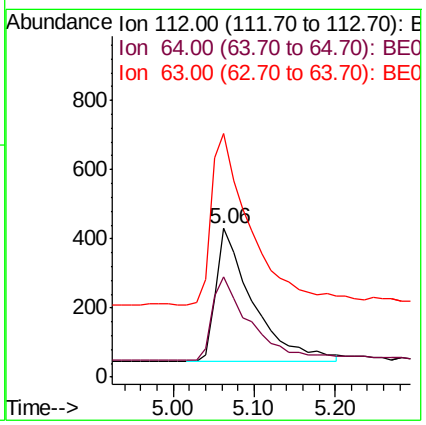


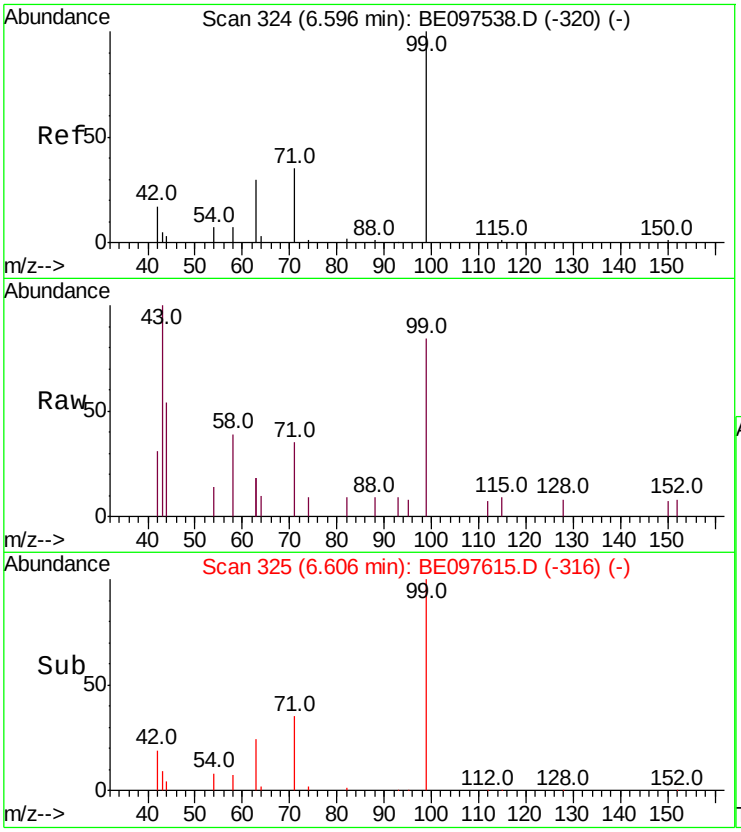


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:112 Resp: 1222

Ion	Ratio	Lower	Upper
112	100		
64	65.8	60.1	90.1
63	137.2	116.8	175.2



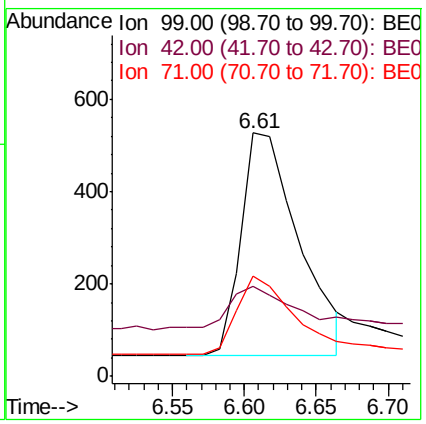


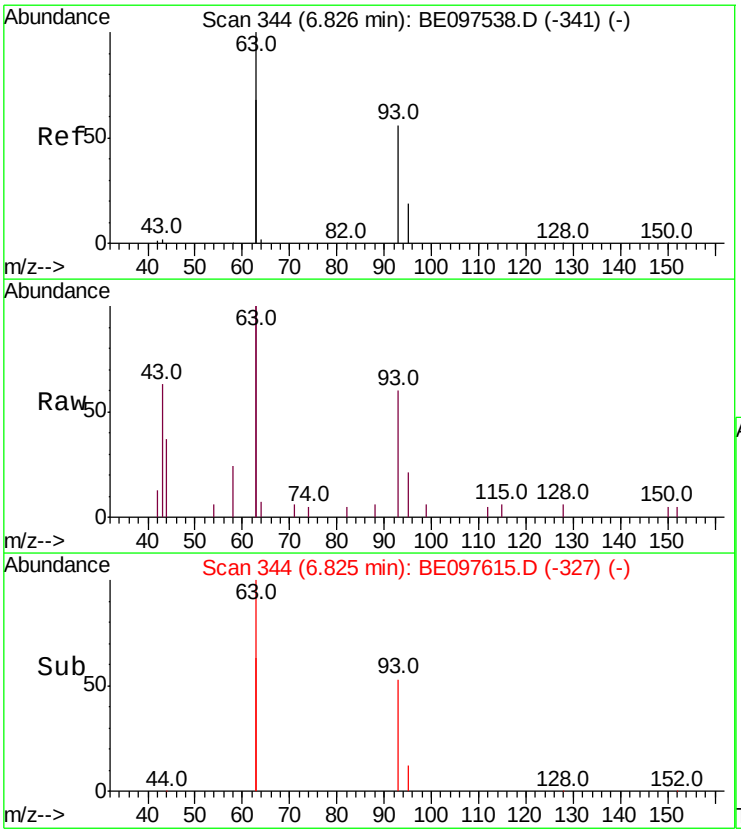
#5
Phenol-d6
Concen: 0.319 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion: 99 Resp: 1342

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.2	30.2
71	34.6	28.4	42.6

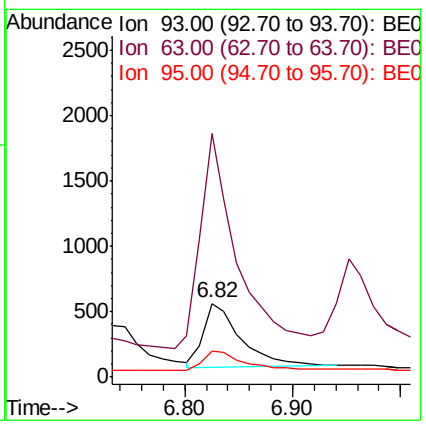


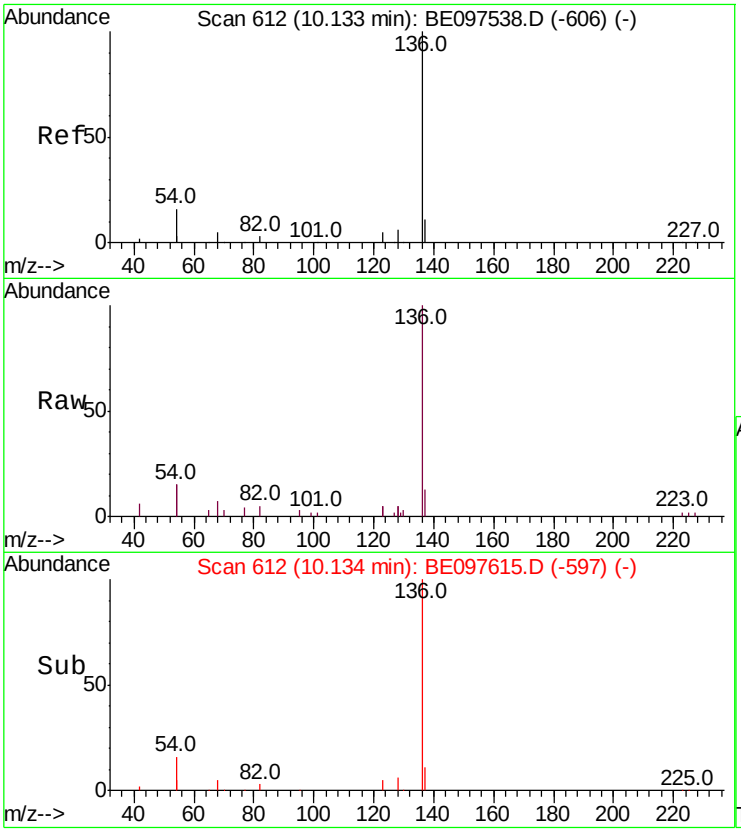


#6
bis(2-Chloroethyl)ether
Concen: 0.311 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion: 93 Resp: 1213

Ion	Ratio	Lower	Upper
93	100		
63	314.3	275.3	412.9
95	34.1	25.2	37.8



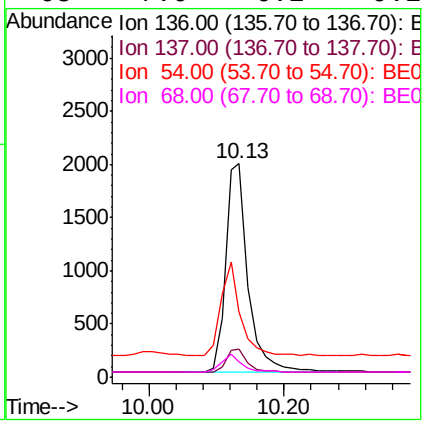


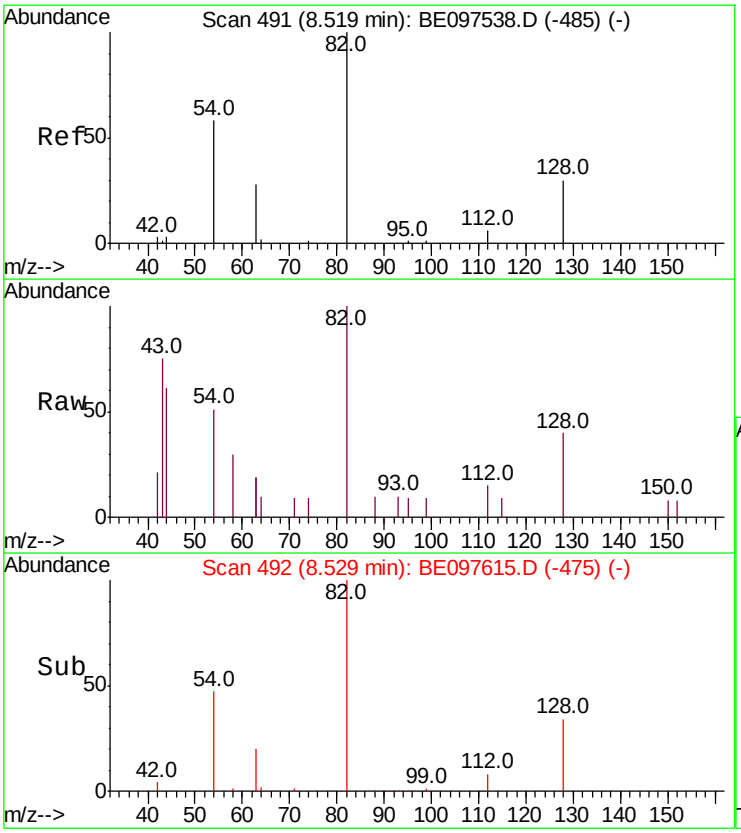
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:136 Resp: 4627

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	30.6	29.1	43.7
68	7.0	6.2	9.2

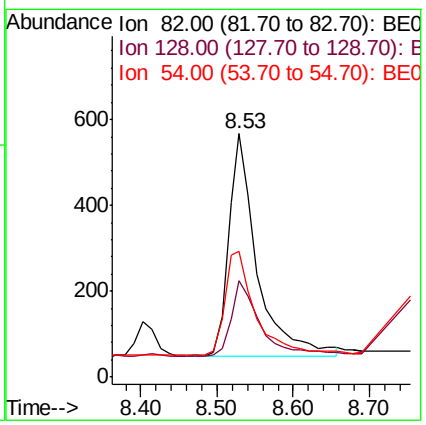


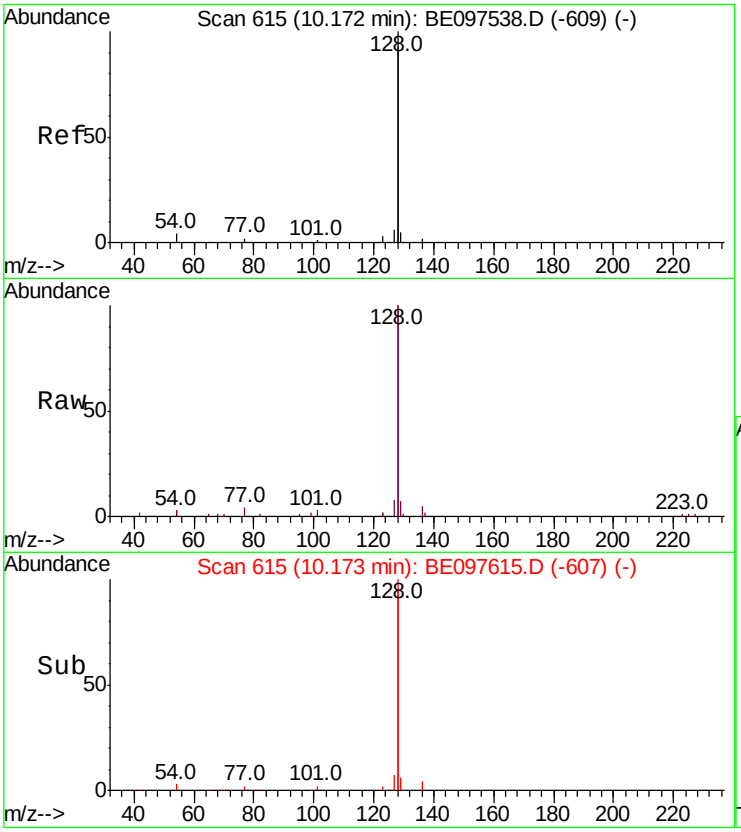


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion: 82 Resp: 1335

Ion	Ratio	Lower	Upper
82	100		
128	39.7	24.0	36.0#
54	51.5	40.0	60.0



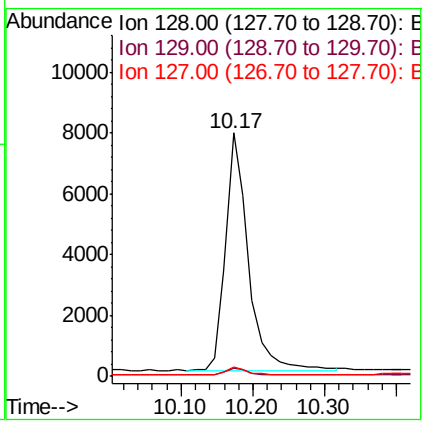


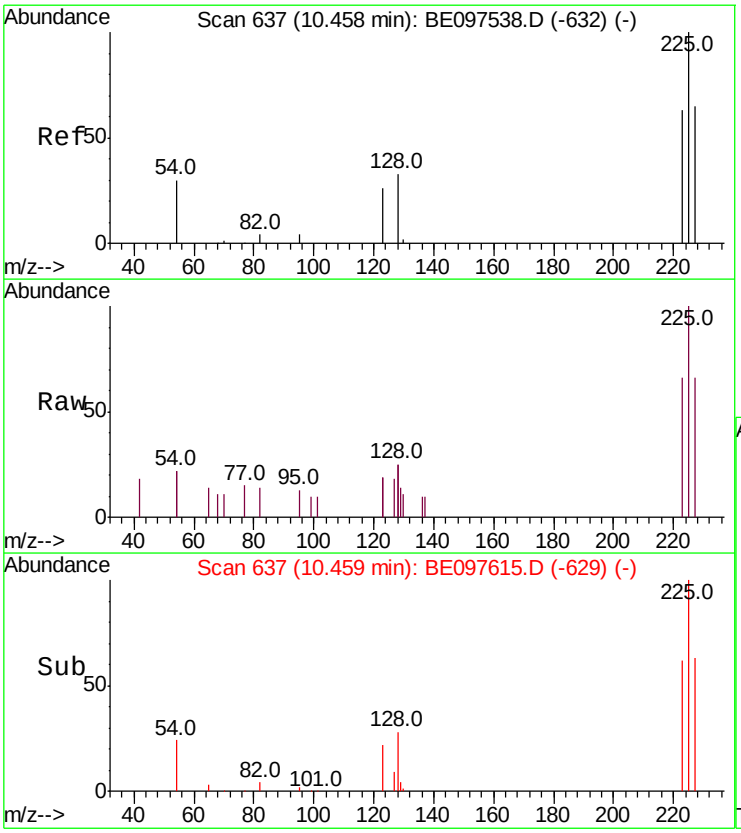
#9
Naphthalene
Concen: 0.410 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:128 Resp: 17104

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	3.8
127	3.9	2.8	4.2

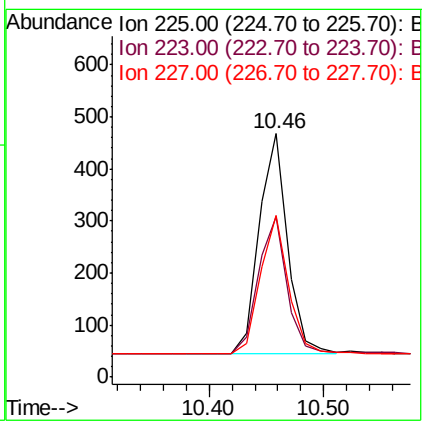


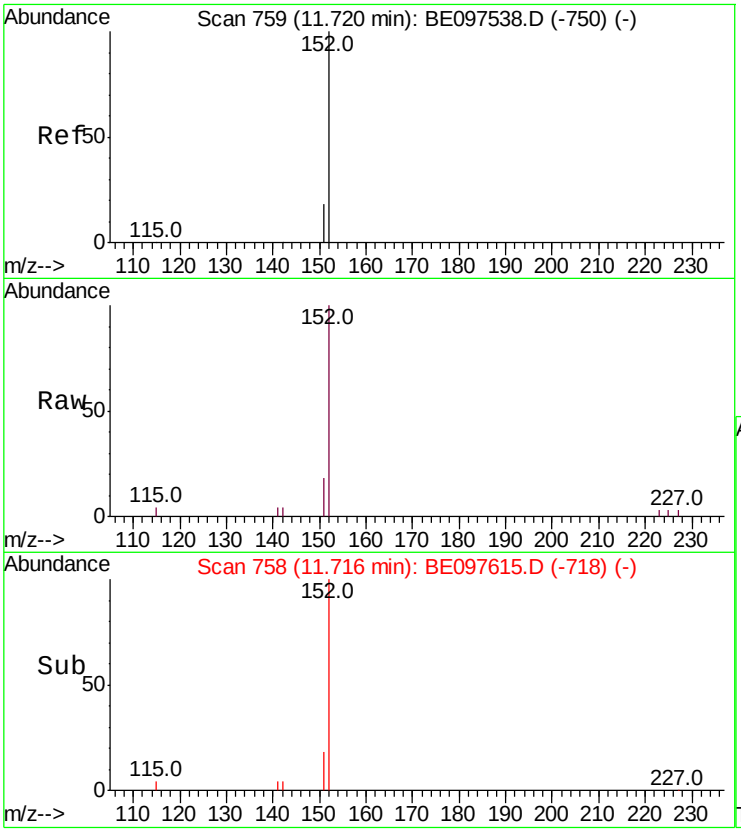


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:225 Resp: 738

Ion	Ratio	Lower	Upper
225	100		
223	62.1	53.0	79.6
227	62.5	51.4	77.2



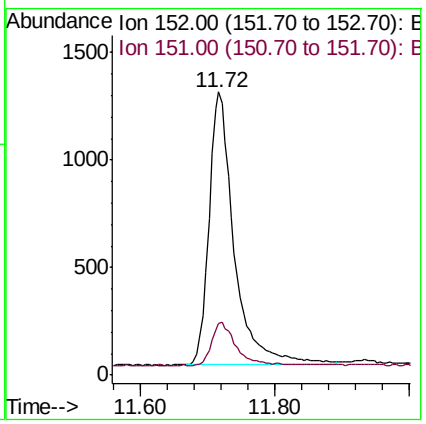


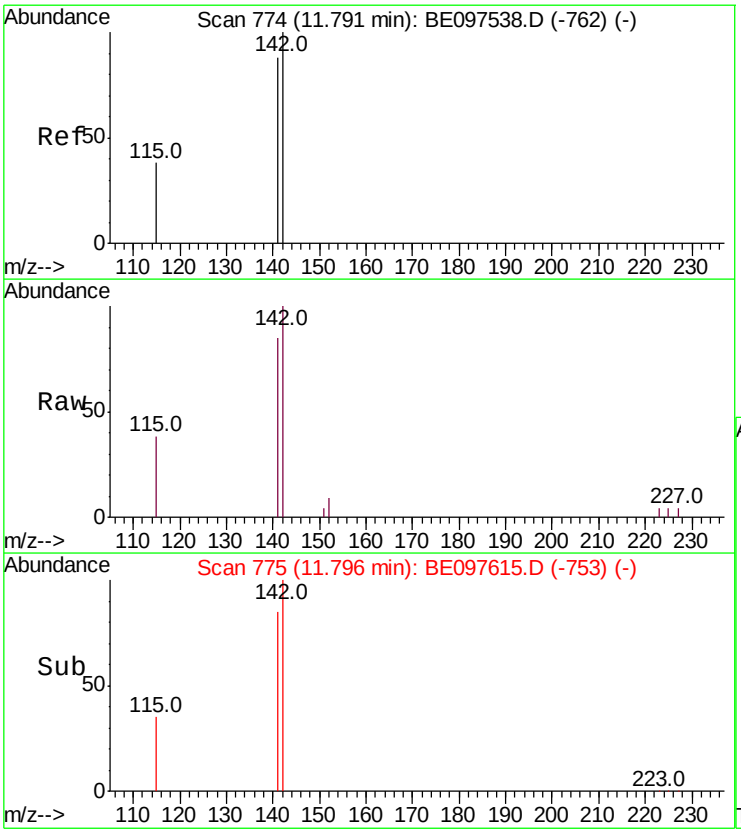
#11
2-Methylnaphthalene-d10
Concen: 0.519 ng
RT: 11.72 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:152 Resp: 3313

Ion	Ratio	Lower	Upper
152	100		
151	14.2	15.4	23.0#

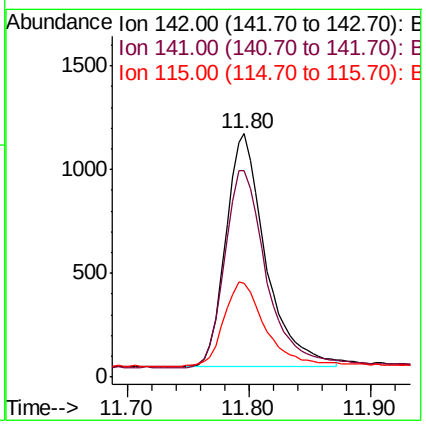


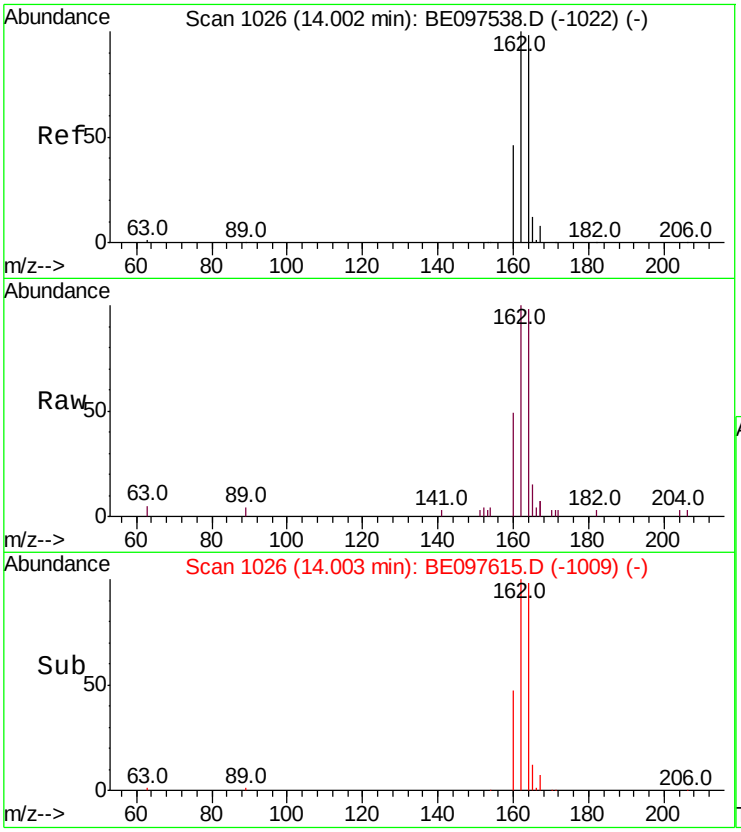


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:142 Resp: 2561

Ion	Ratio	Lower	Upper
142	100		
141	84.8	70.4	105.6
115	38.4	31.7	47.5



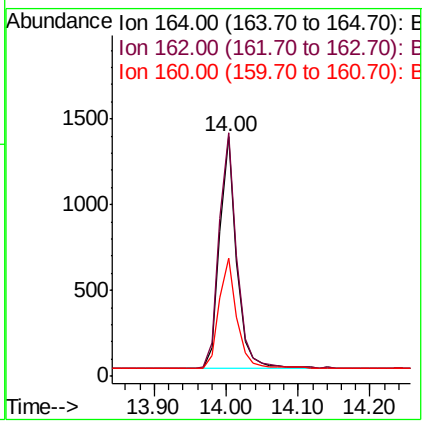


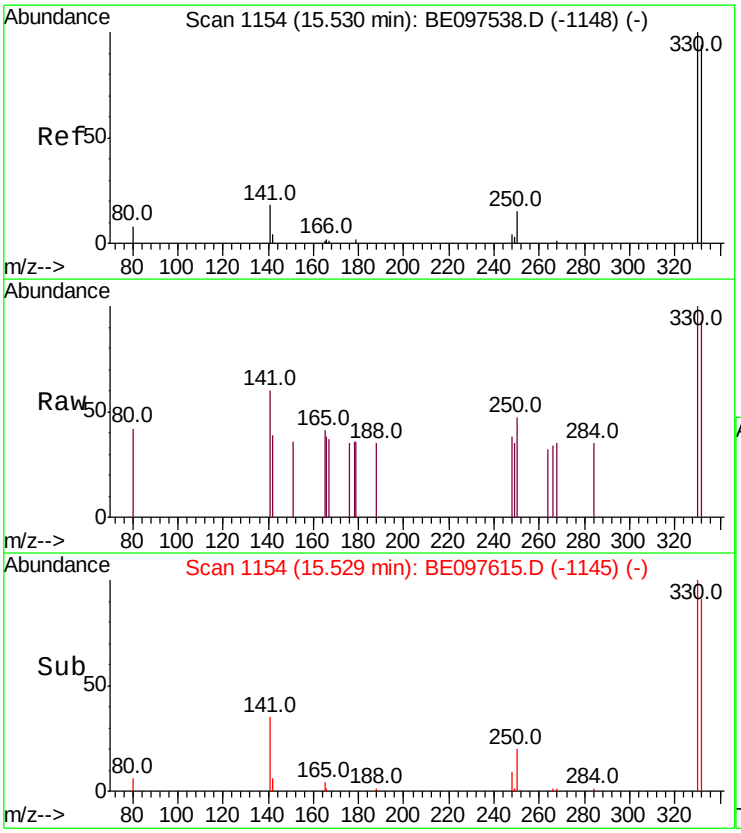
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:164 Resp: 2222

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.1	124.7
160	49.5	37.1	55.7

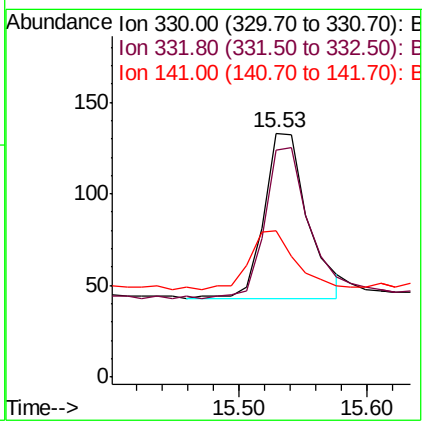


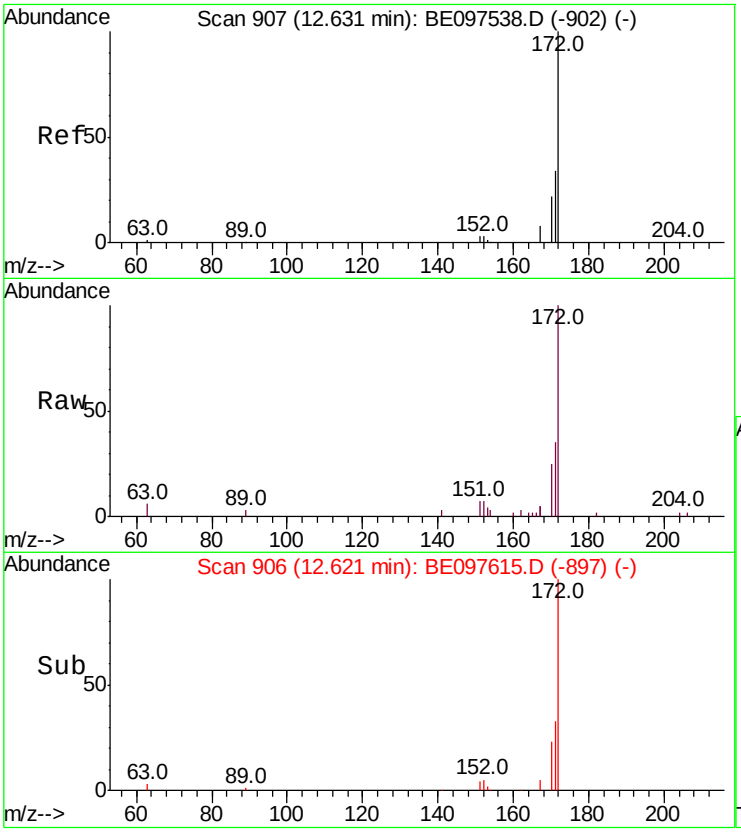


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:330 Resp: 214

Ion	Ratio	Lower	Upper
330	100		
332	93.0	152.7	229.1#
141	37.4	33.7	50.5



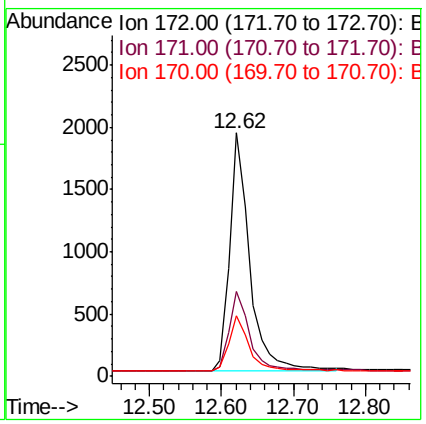


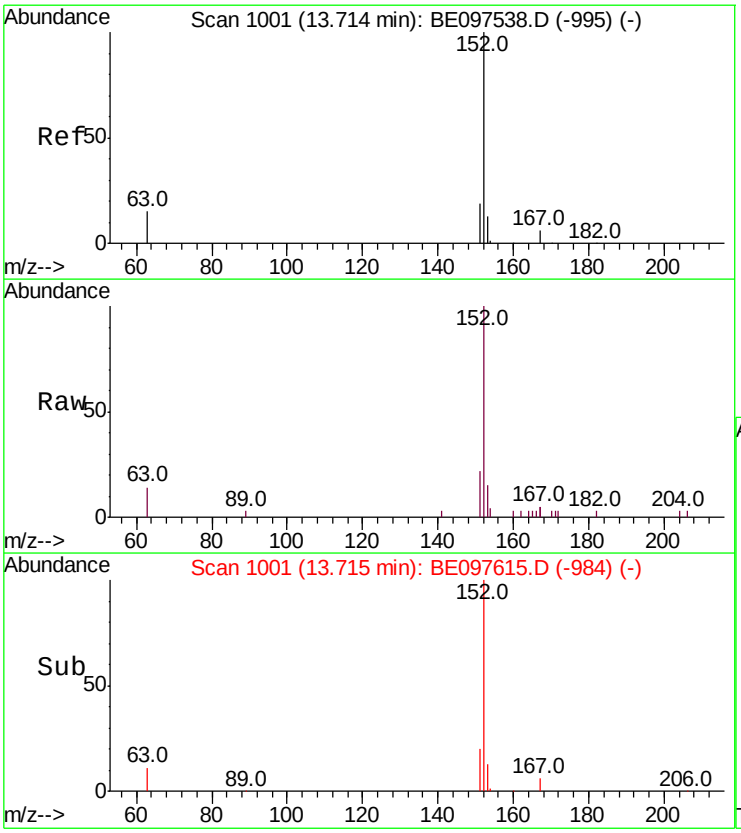
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:172 Resp: 3682

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	24.8	21.8	32.8

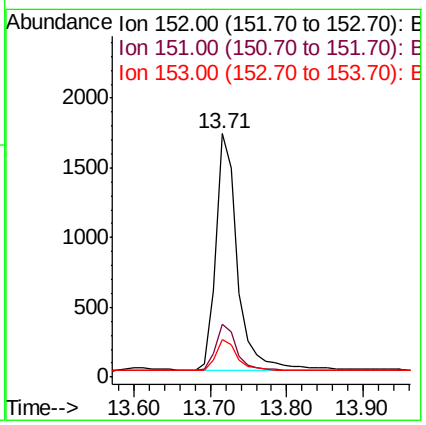


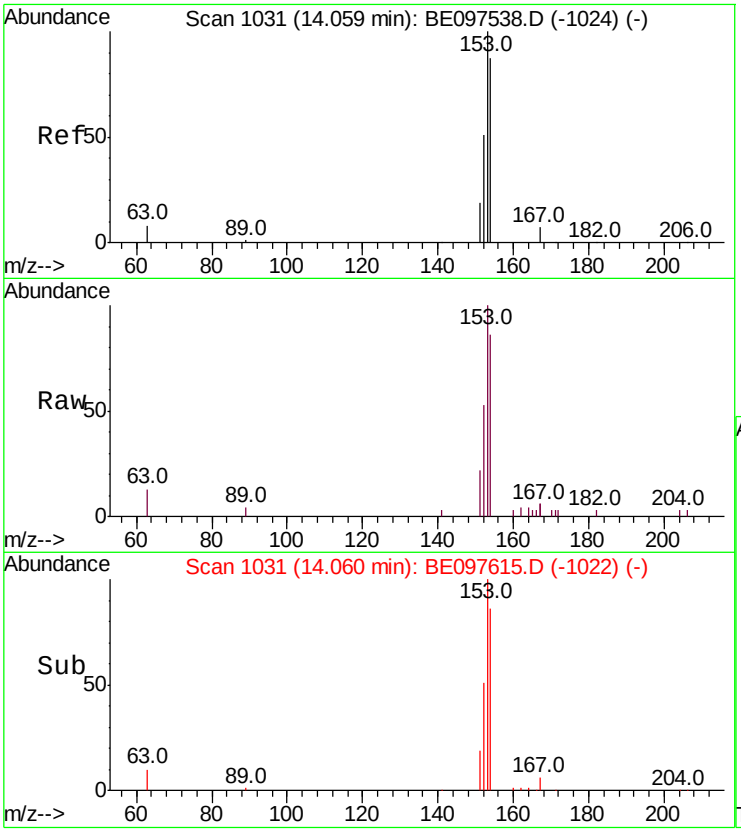


#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:152 Resp: 3361

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.5	10.5	15.7



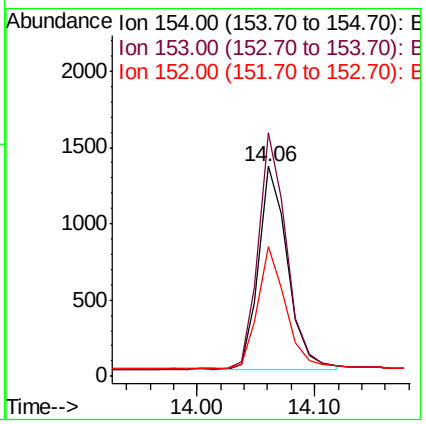


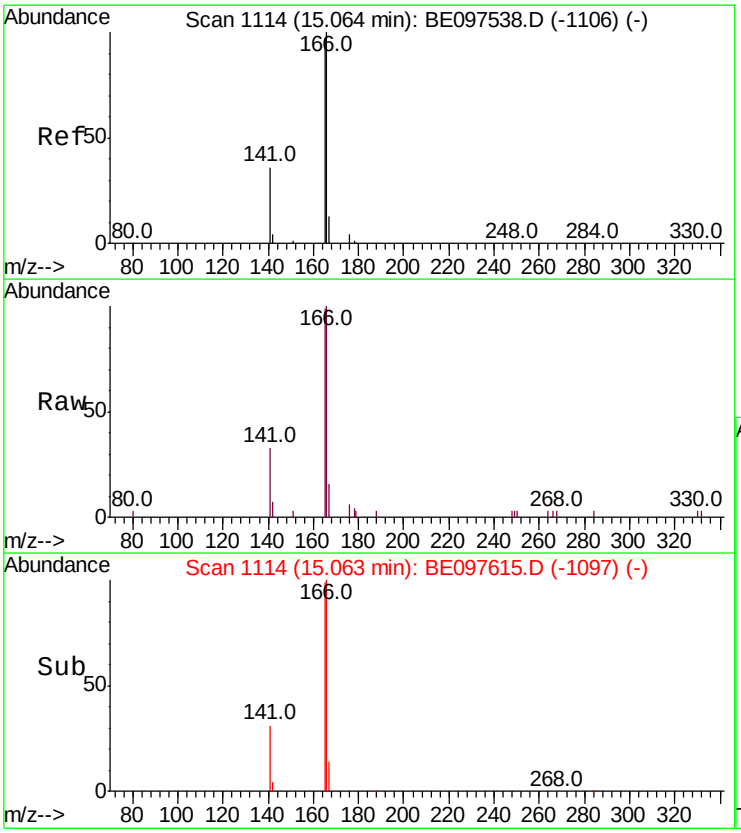
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:154 Resp: 2271

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.2	133.8
152	58.2	42.0	63.0

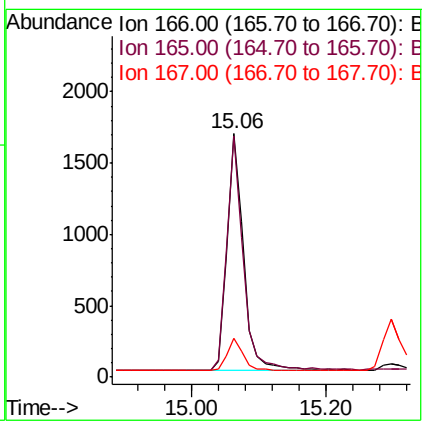


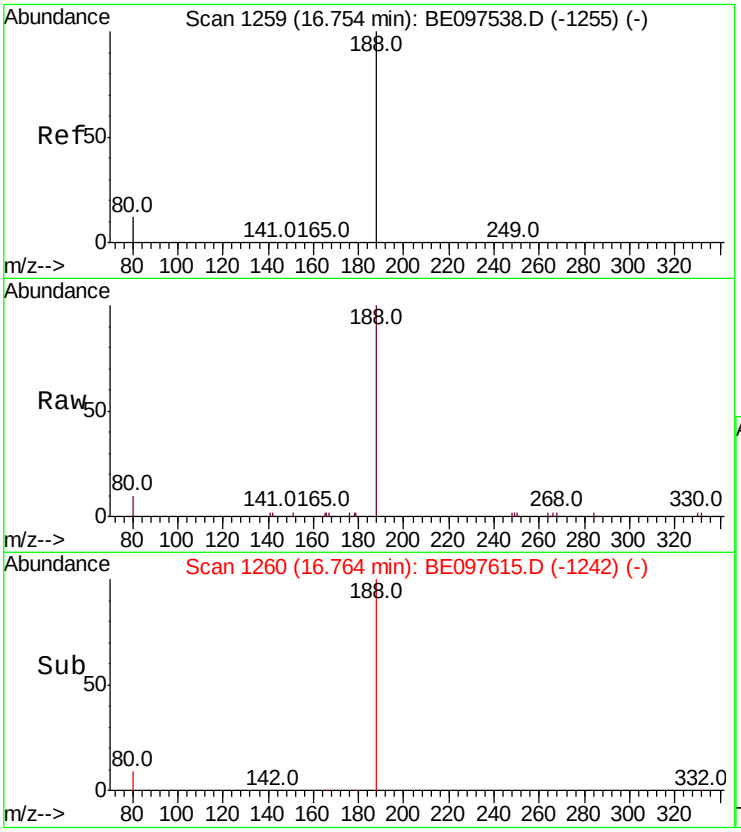


#18
Fluorene
Concen: 0.377 ng
RT: 15.06 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:166 Resp: 2898

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.4	42.4	63.6#



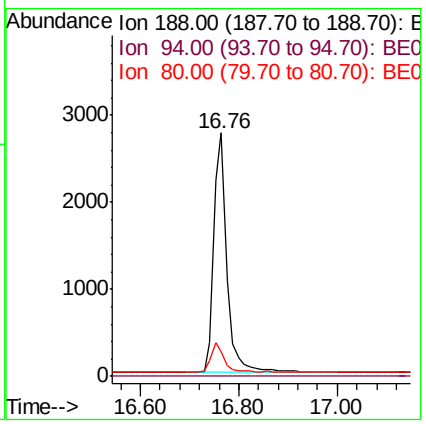


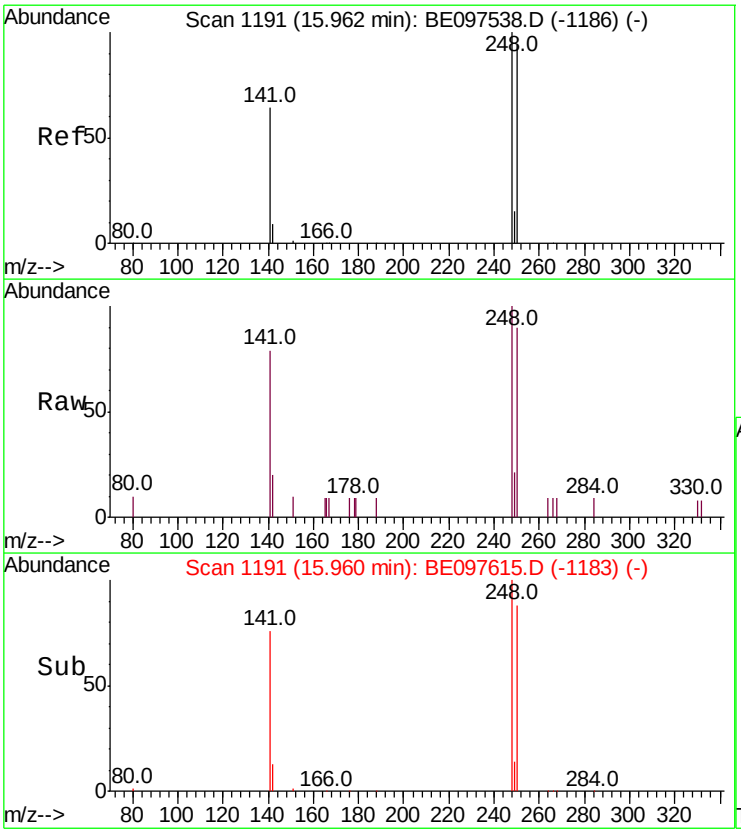
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:188 Resp: 5096

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.3	3.6	5.4#

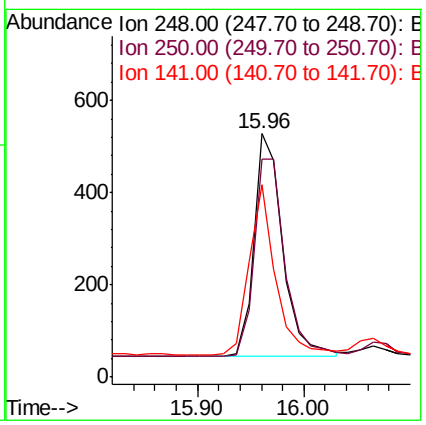


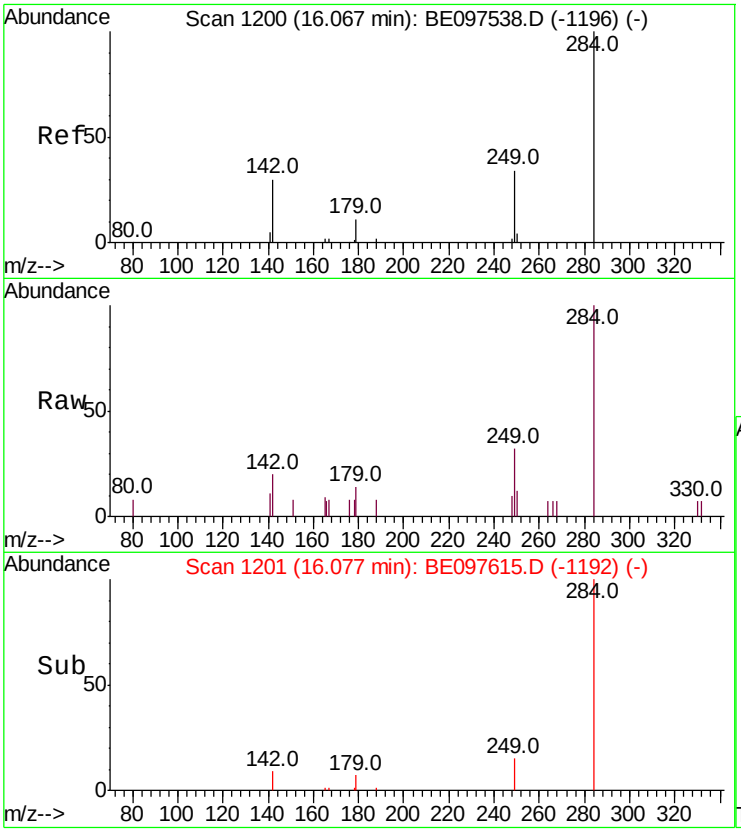


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:248 Resp: 909

Ion	Ratio	Lower	Upper
248	100		
250	89.6	62.7	94.1
141	79.0	48.2	72.2#



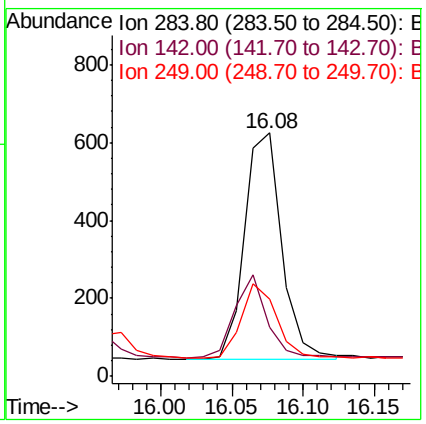


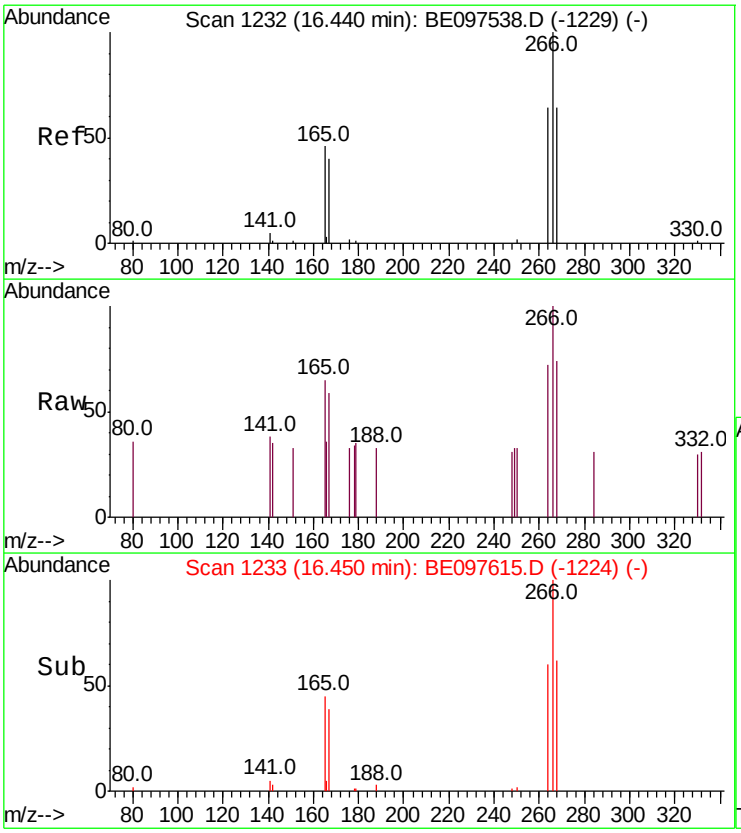
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:284 Resp: 1054

Ion	Ratio	Lower	Upper
284	100		
142	31.5	22.1	33.1
249	31.2	34.8	52.2#

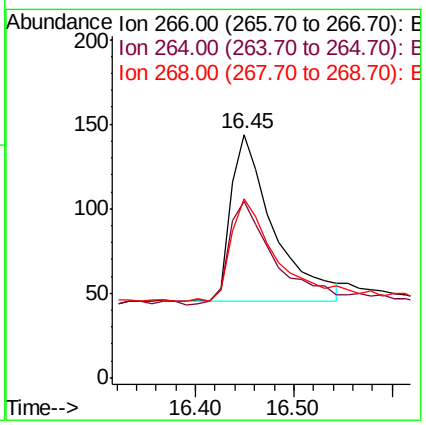


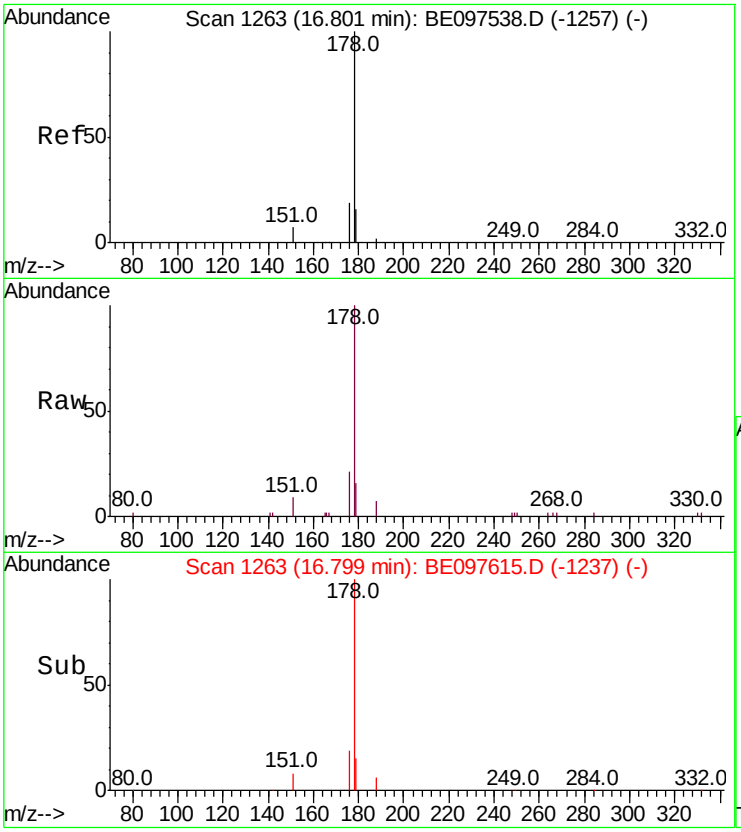


#22
Pentachlorophenol
Concen: 0.393 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:266 Resp: 298

Ion	Ratio	Lower	Upper
266	100		
264	72.2	72.5	108.7#
268	73.6	73.8	110.6#



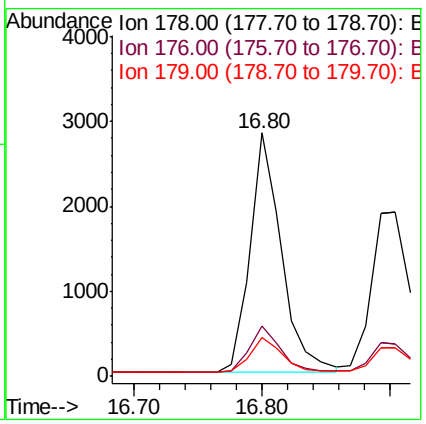


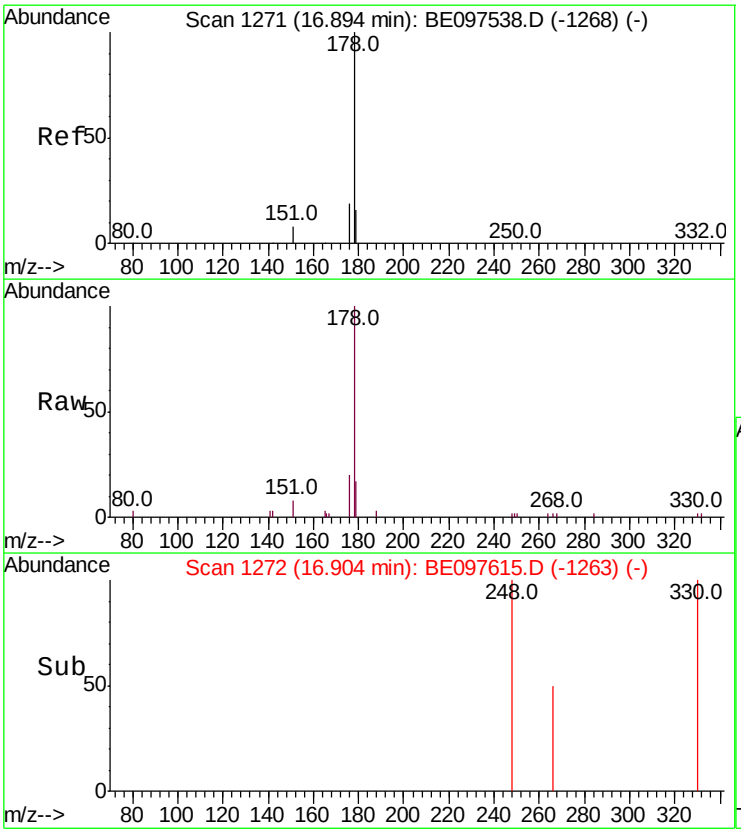
#23
Phenanthrene
Concen: 0.399 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:178 Resp: 4824

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.5	11.8	17.6

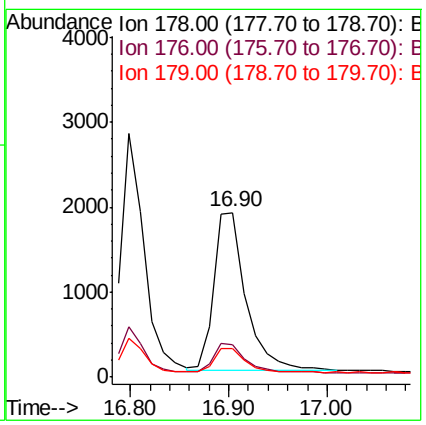


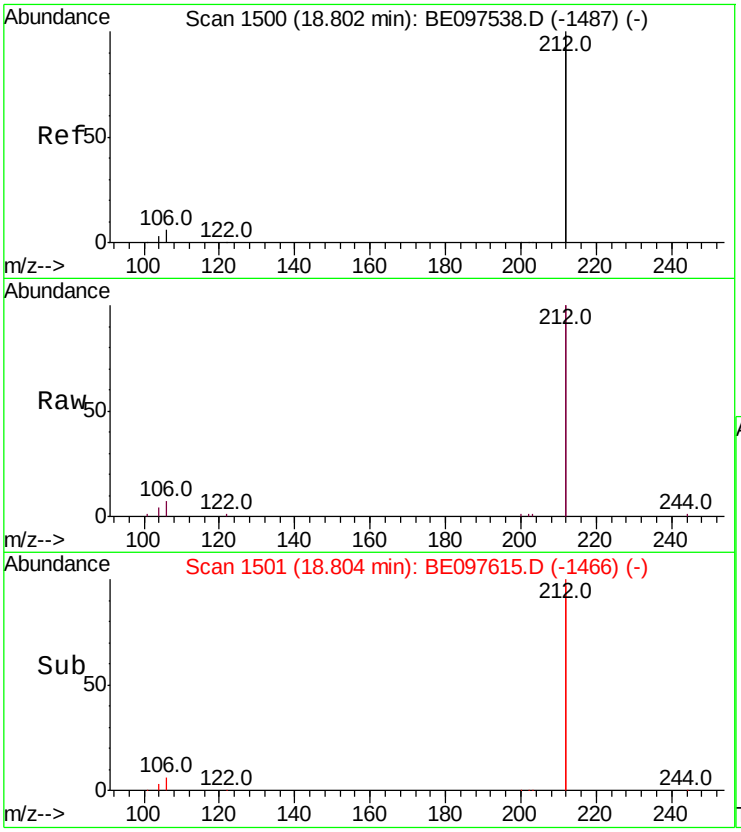


#24
Anthracene
Concen: 0.387 ng
RT: 16.90 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:178 Resp: 4138

Ion	Ratio	Lower	Upper
178	100		
176	18.1	12.8	19.2
179	15.1	13.0	19.6



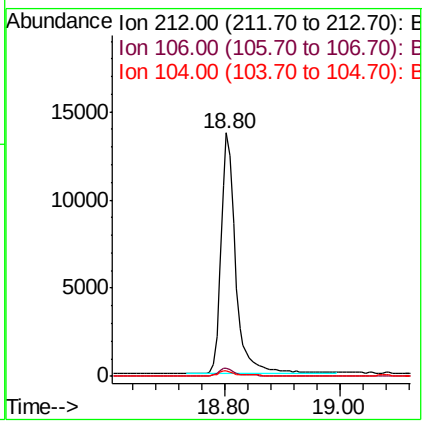


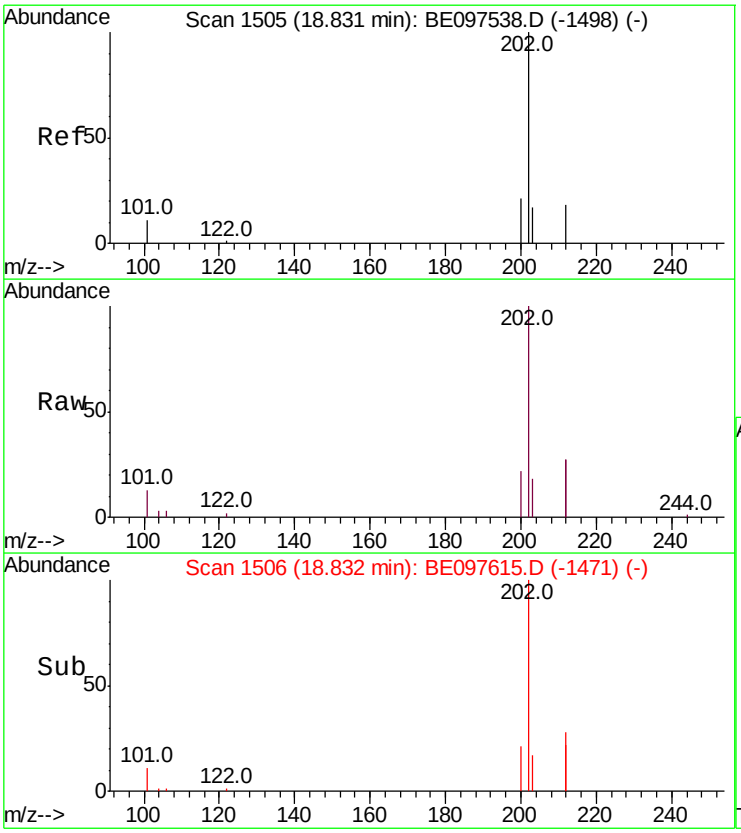
#25
Fluoranthene-d10
Concen: 0.362 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:212 Resp: 23628

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

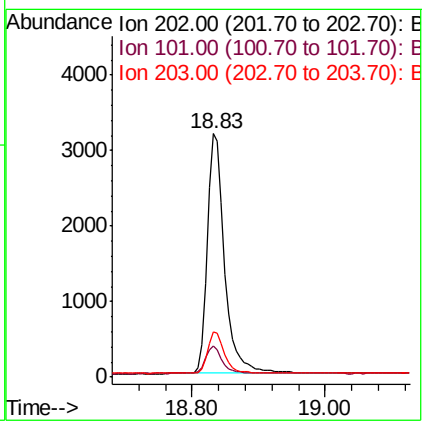


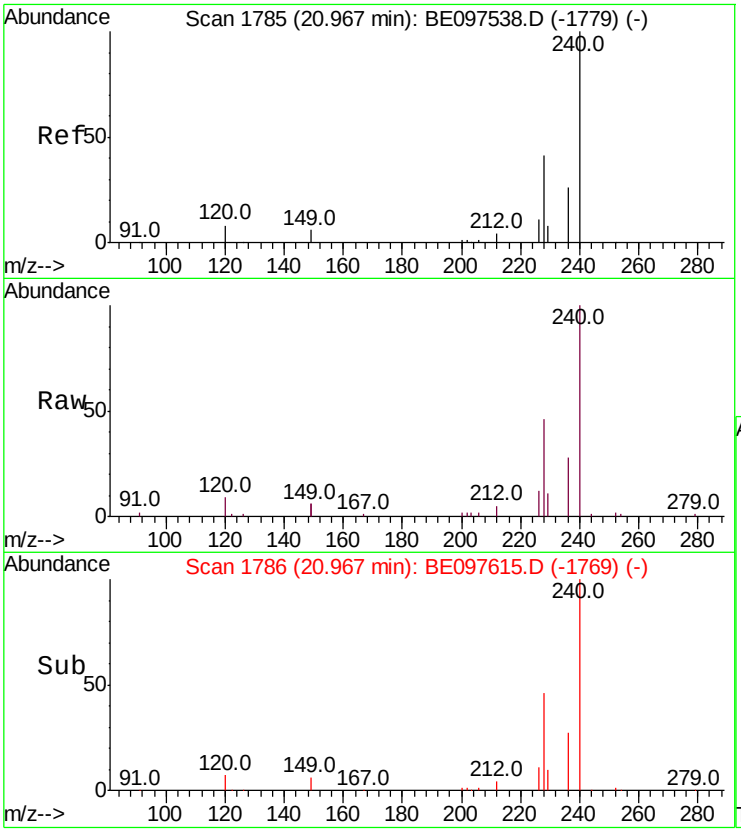


#26
Fluoranthene
Concen: 0.341 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:202 Resp: 5717

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	16.7	13.7	20.5



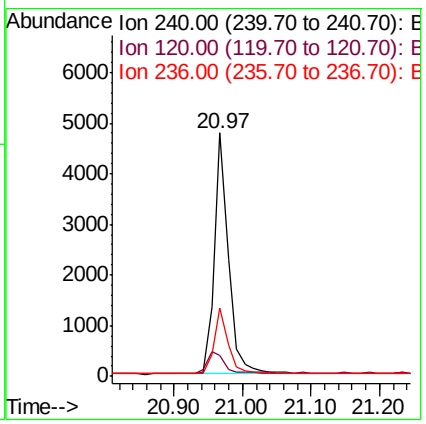


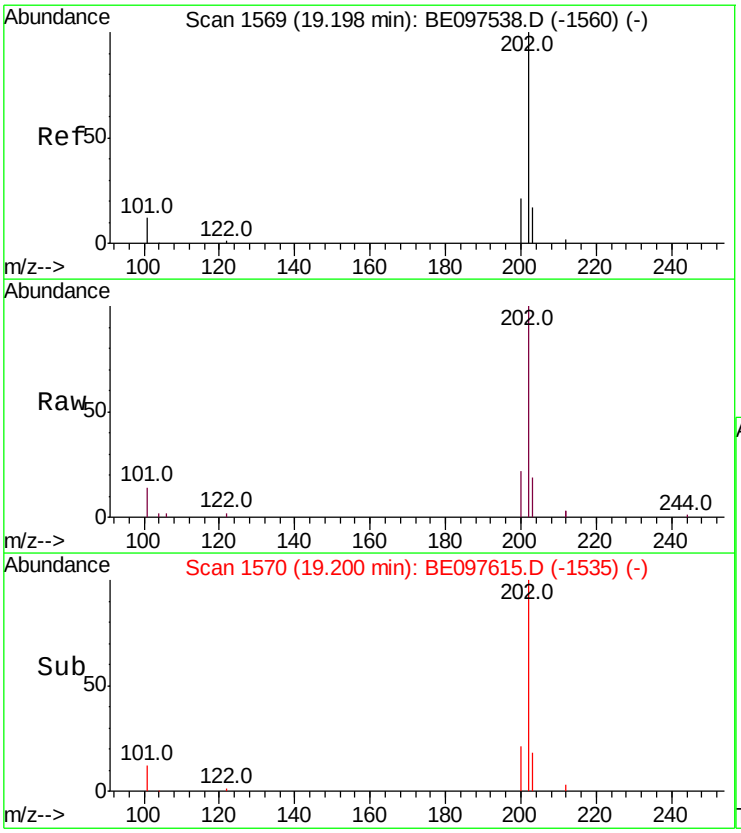
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:240 Resp: 6862

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	27.9	20.7	31.1

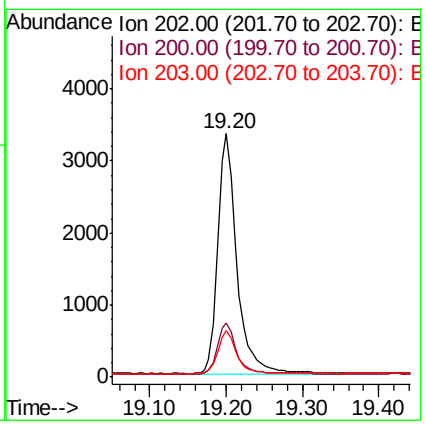


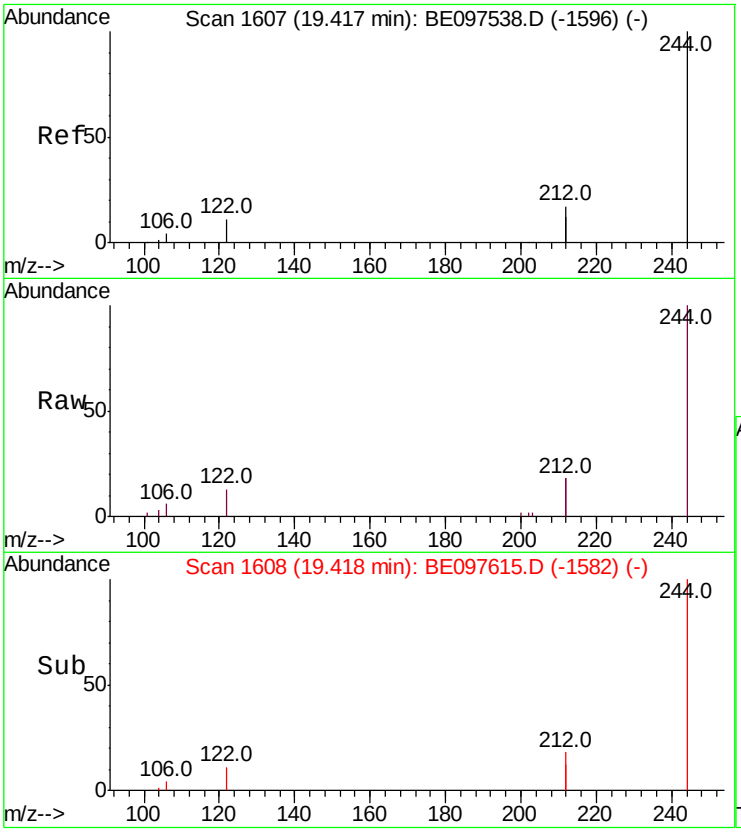


#28
Pyrene
Concen: 0.367 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:202 Resp: 5739

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.0	13.8	20.8



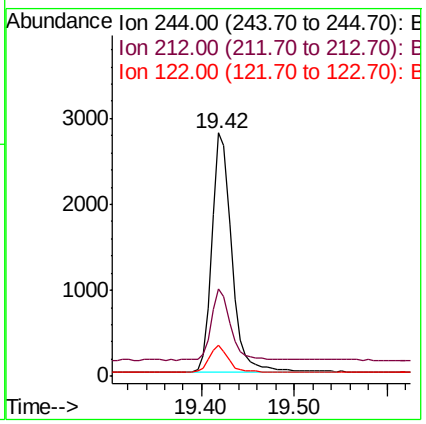


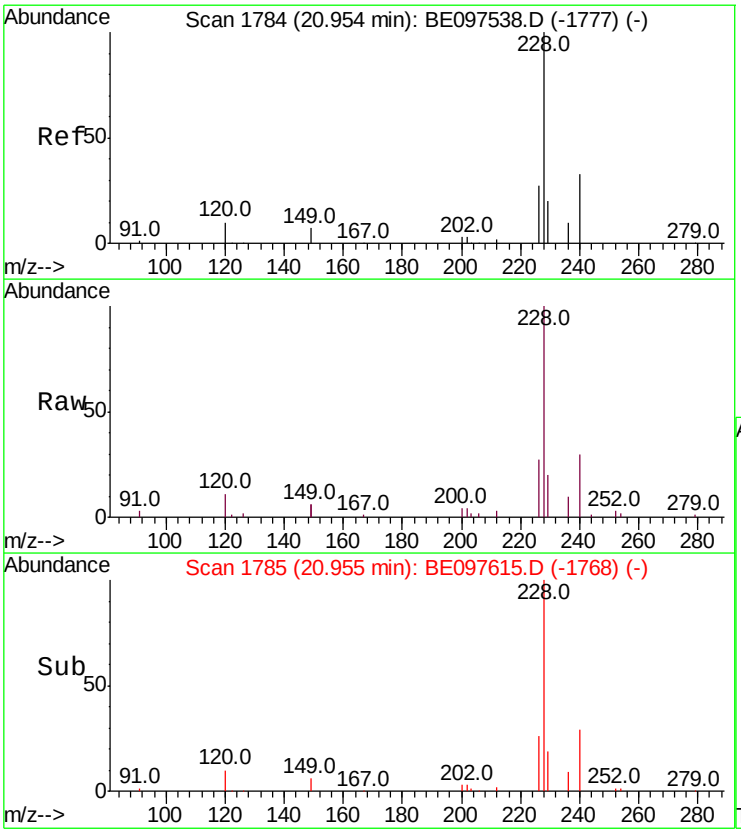
#29
Terphenyl-d14
Concen: 0.331 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:244 Resp: 4152

Ion	Ratio	Lower	Upper
244	100		
212	36.1	25.4	38.0
122	12.7	8.1	12.1#

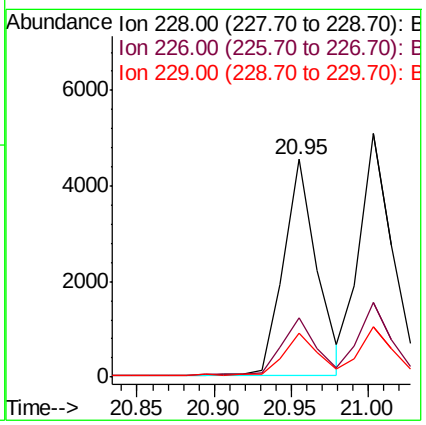


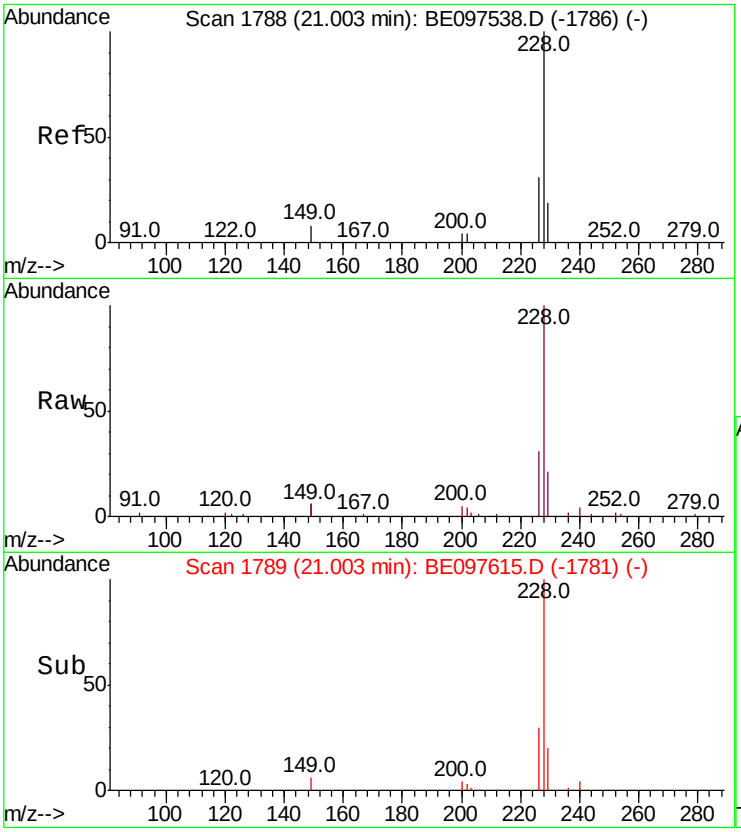


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:228 Resp: 6767

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.0	36.0
229	20.2	16.0	24.0



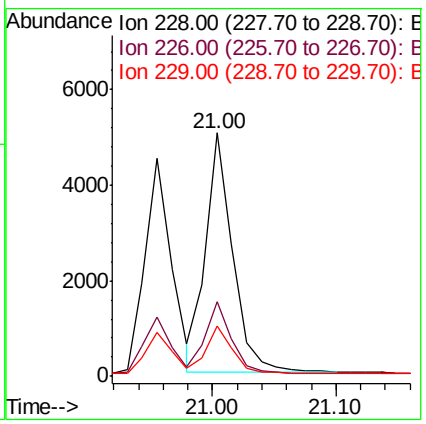


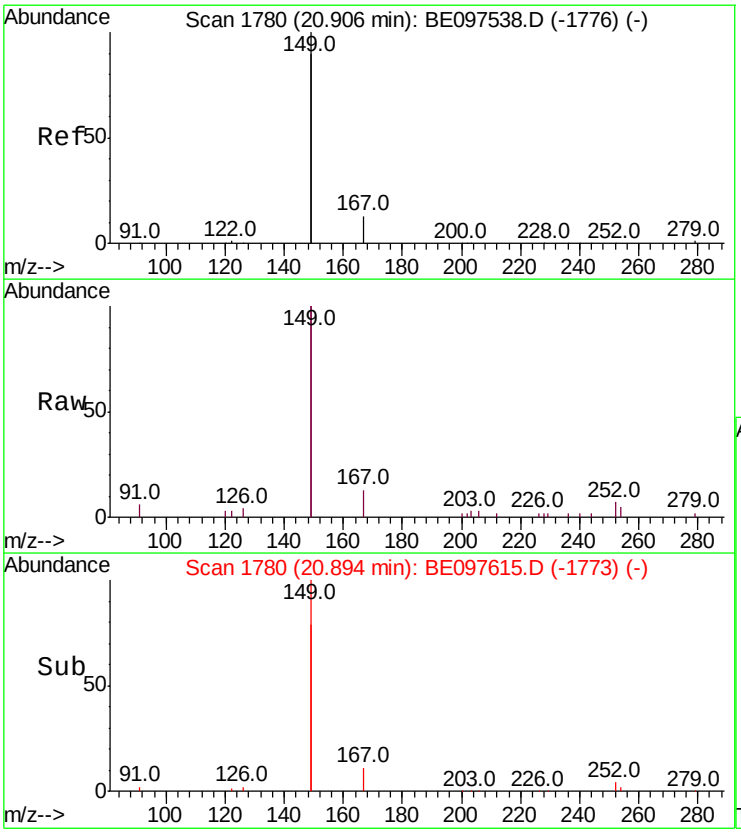
#31
Chrysene
Concen: 0.413 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:228 Resp: 7662

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.6	16.0	24.0

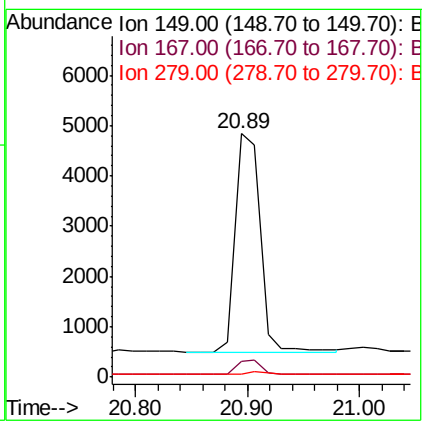


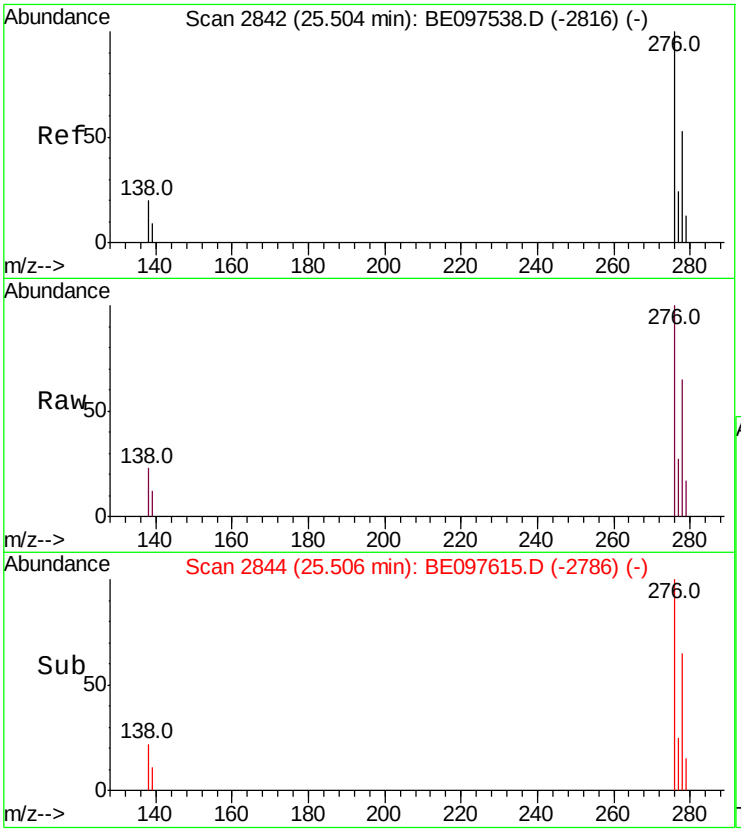


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.245 ng
RT: 20.89 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:149 Resp: 6795

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



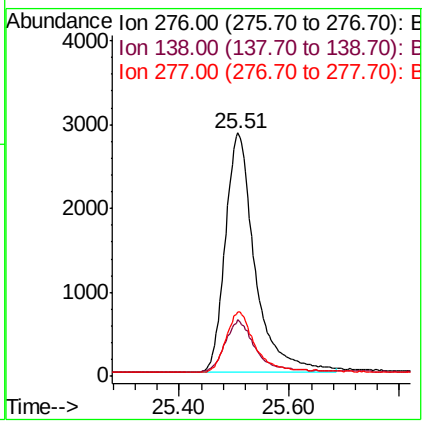


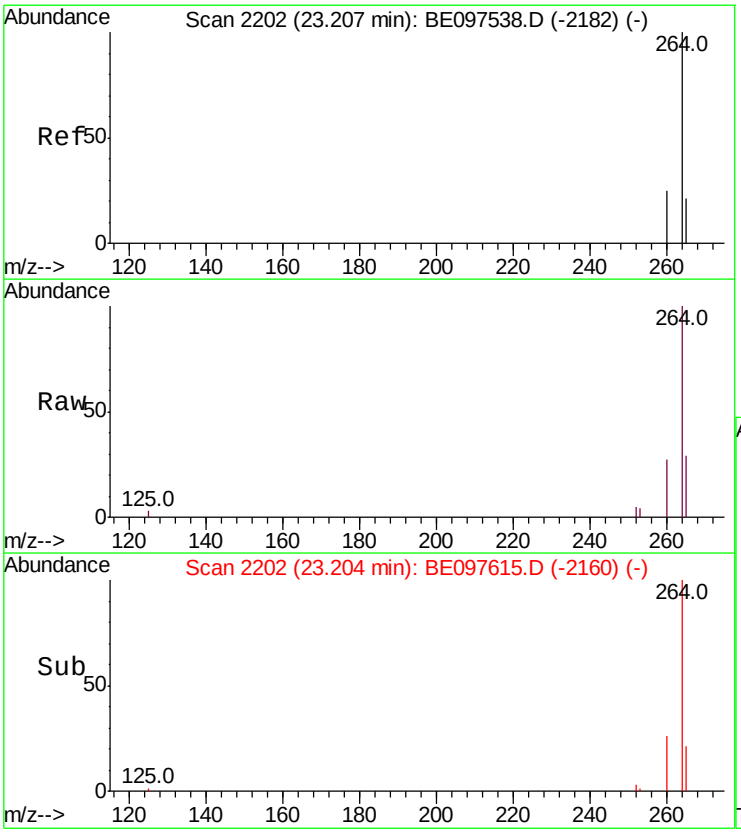
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng
RT: 25.51 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:276 Resp: 10729

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.5	33.7#
277	24.8	19.9	29.9

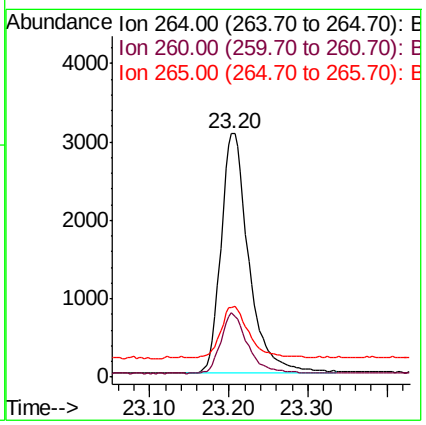


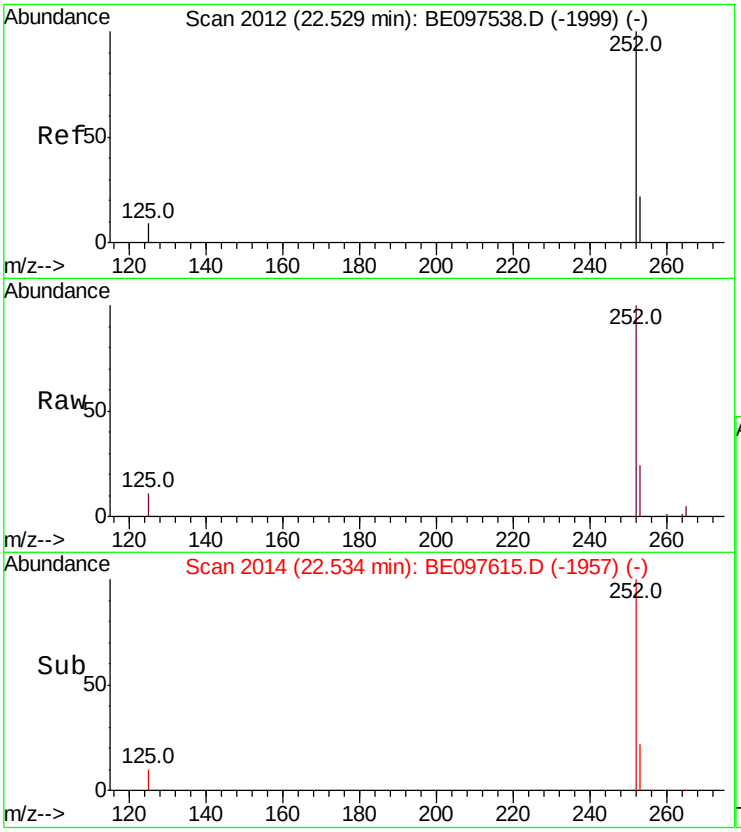


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:264 Resp: 7488

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	28.7	22.8	34.2



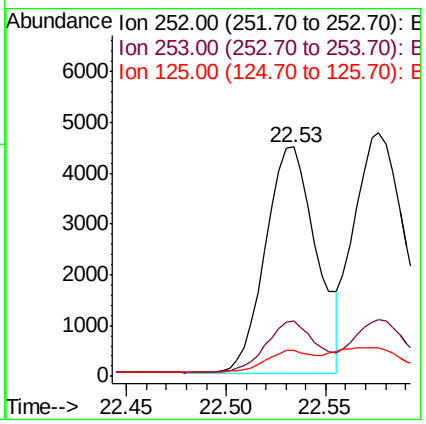


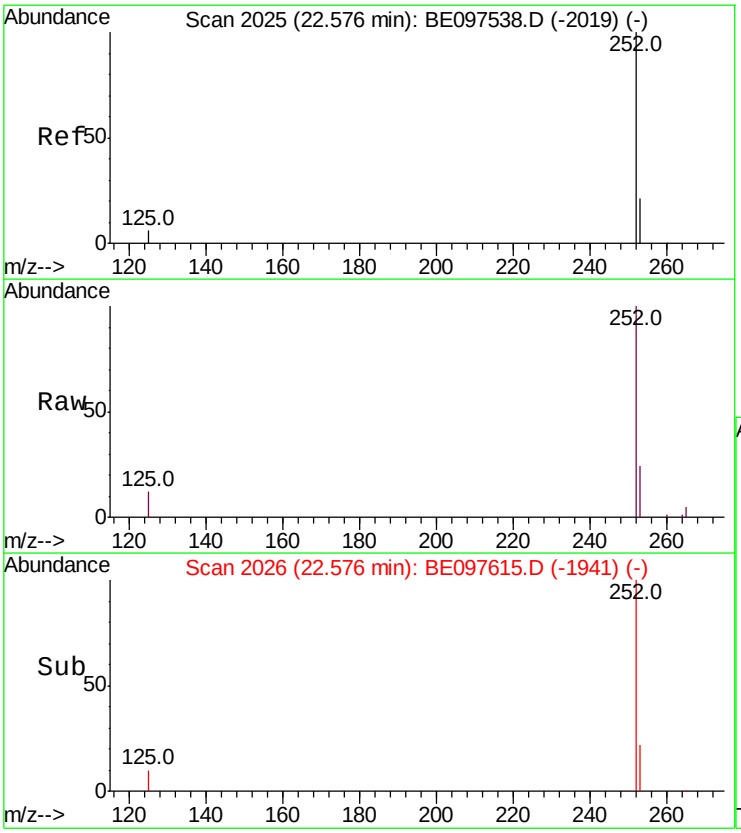
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:252 Resp: 7891

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	11.2	16.0	24.0#

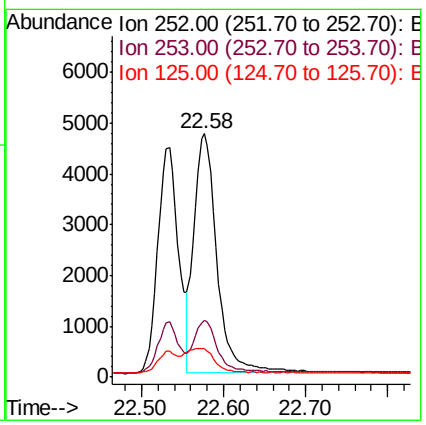


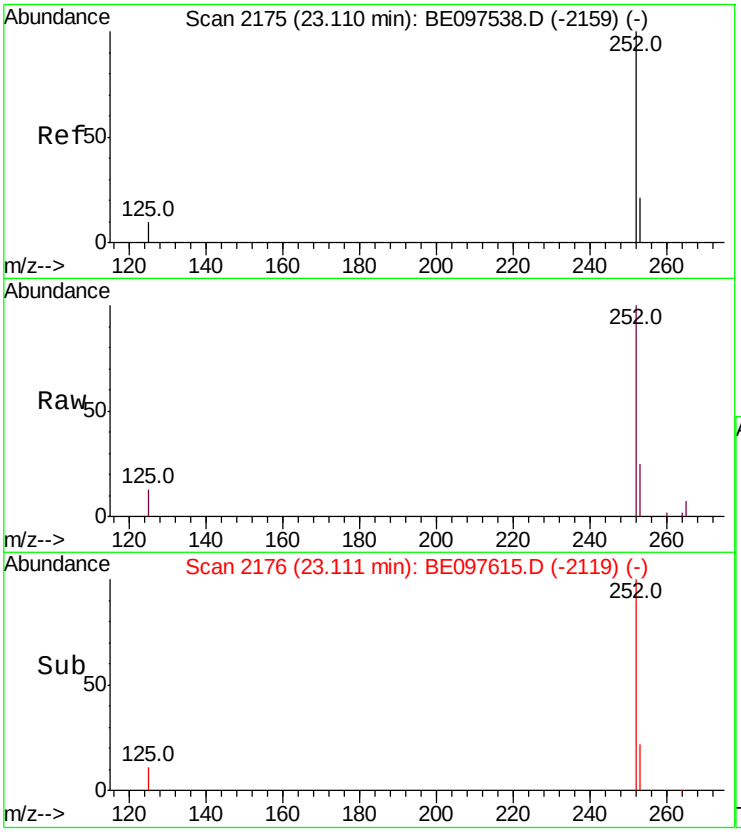


#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:252 Resp: 9144

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	11.6	8.0	12.0



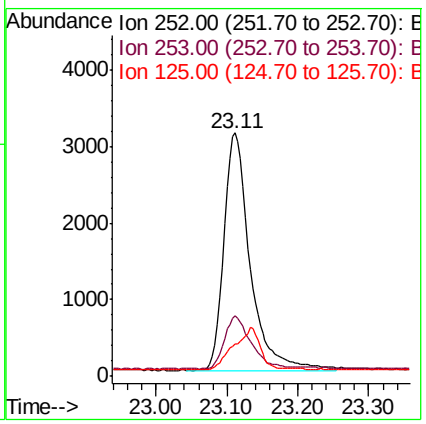


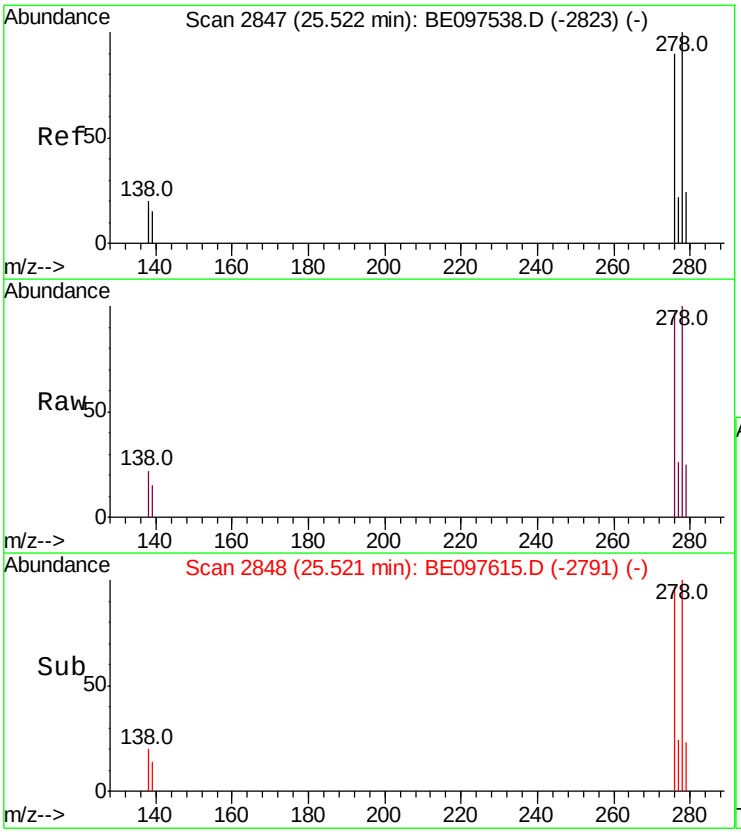
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:252 Resp: 7929

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.0	24.0#
125	13.3	12.0	18.0

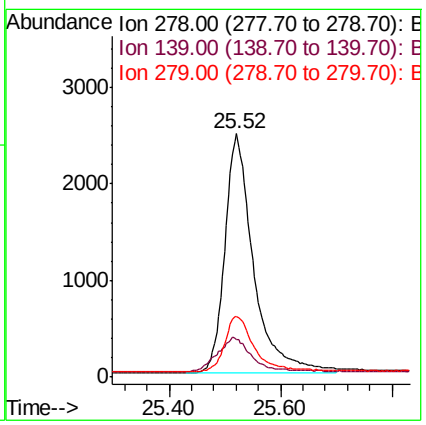


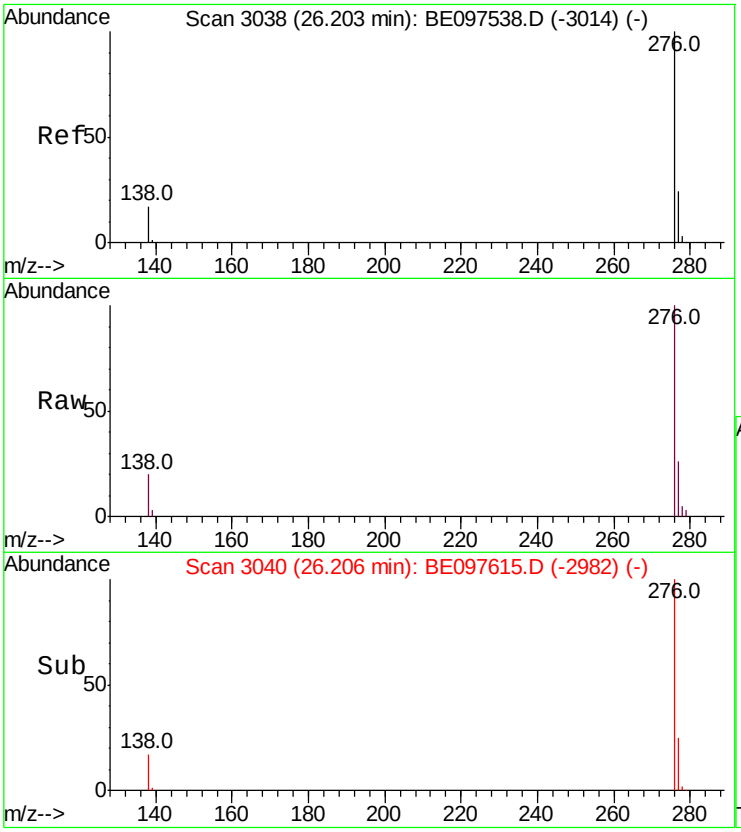


#38
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion:278 Resp: 8788

Ion	Ratio	Lower	Upper
278	100		
139	15.5	16.0	24.0#
279	24.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.441 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tgt Ion:276 Resp: 8635

Ion	Ratio	Lower	Upper
276	100		
277	26.2	16.0	24.0#
138	19.5	20.0	30.0#