Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097544.D
Acq On : 19 Sep 2018 17:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 20 05:08:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	783	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3688	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2067	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5912	0.40	ng		0.00
27) Chrysene-d12	20.97	240	9136	0.40	ng		0.00
34) Perylene-d12	23.21	264	9175	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	920	0.39	ng		0.00
5) Phenol-d6	6.60	99	1133	0.38	ng		0.00
8) Nitrobenzene-d5	8.52	82	1133	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2055	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	320	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	3066	0.42	ng		0.00
25) Fluoranthene-d10	18.80	212	30609	0.40	ng		0.00
29) Terphenyl-d14	19.42	244	6871	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	591	0.447	ng	#	82
3) n-Nitrosodimethylamine	3.37	42	434	0.382	ng	#	87
6) bis(2-Chloroethyl)ether	6.82	93	1121	0.403	ng		83
9) Naphthalene	10.17	128	13990	0.421	ng		99
10) Hexachlorobutadiene	10.46	225	641	0.419	ng		98
12) 2-Methylnaphthalene	11.80	142	2089	0.403	ng		99
16) Acenaphthylene	13.72	152	3304	0.404	ng		100
17) Acenaphthene	14.06	154	2242	0.409	ng		95
18) Fluorene	15.06	166	2936	0.411	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1078	0.404	ng	#	88
21) Hexachlorobenzene	16.07	284	1202	0.410	ng	#	85
22) Pentachlorophenol	16.44	266	362	0.405	ng	#	79
23) Phenanthrene	16.80	178	5696	0.406	ng		99
24) Anthracene	16.89	178	4741	0.382	ng		95
26) Fluoranthene	18.83	202	7944	0.408	ng		98
28) Pyrene	19.20	202	8737	0.420	ng		100
30) Benzo(a)anthracene	20.95	228	9077	0.395	ng		97
31) Chrysene	21.00	228	10202	0.413	ng		100
32) Bis(2-ethylhexyl)phthalate	20.91	149	16119	0.428	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12316	0.415	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	9161	0.389	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	11248	0.419	ng		94
37) Benzo(a)pyrene	23.11	252	9282	0.407	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	10196	0.413	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	9991	0.417	ng	#	89

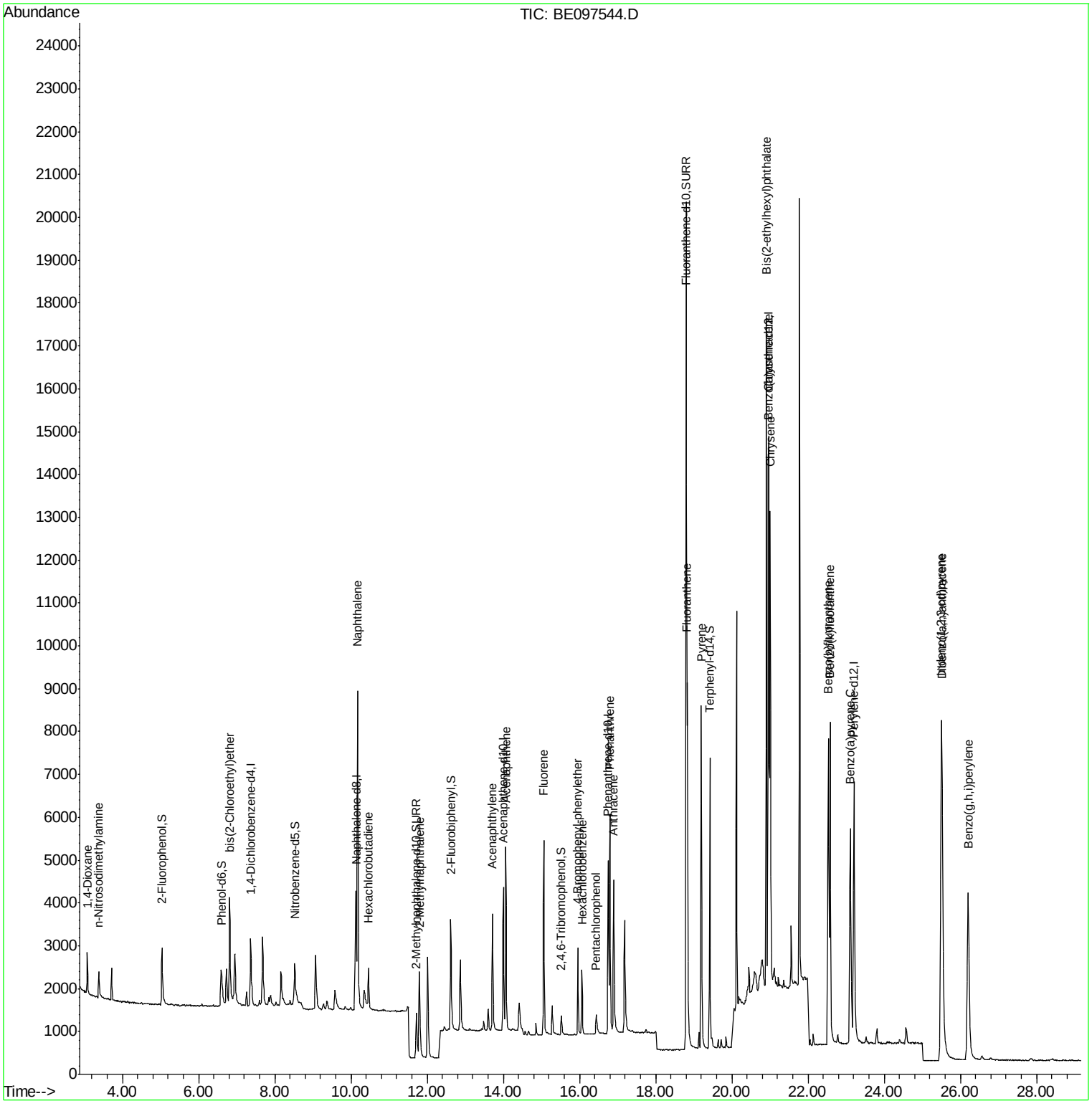
(#) = qualifier out of range (m) = manual integration (+) = signals summed

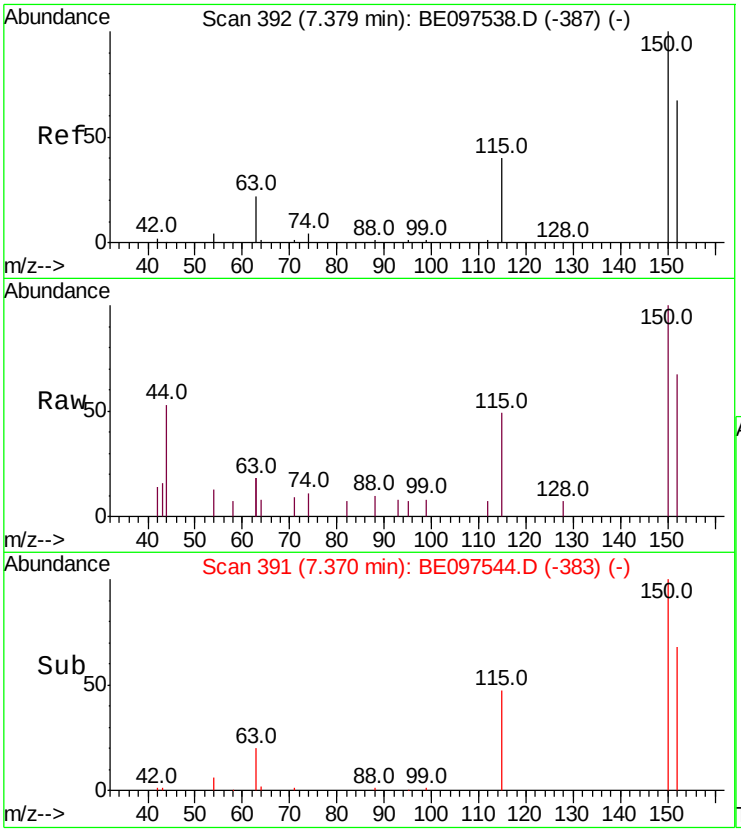
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097544.D
Acq On : 19 Sep 2018 17:33
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 20 05:08:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 19 16:26:00 2018
Response via : Initial Calibration



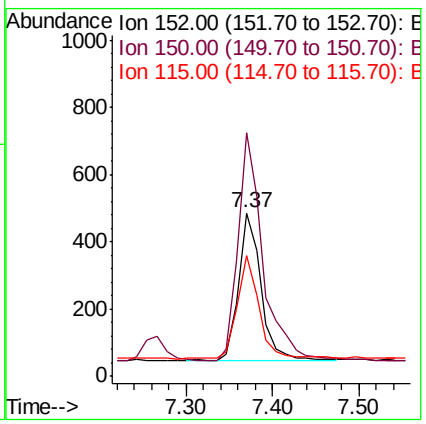


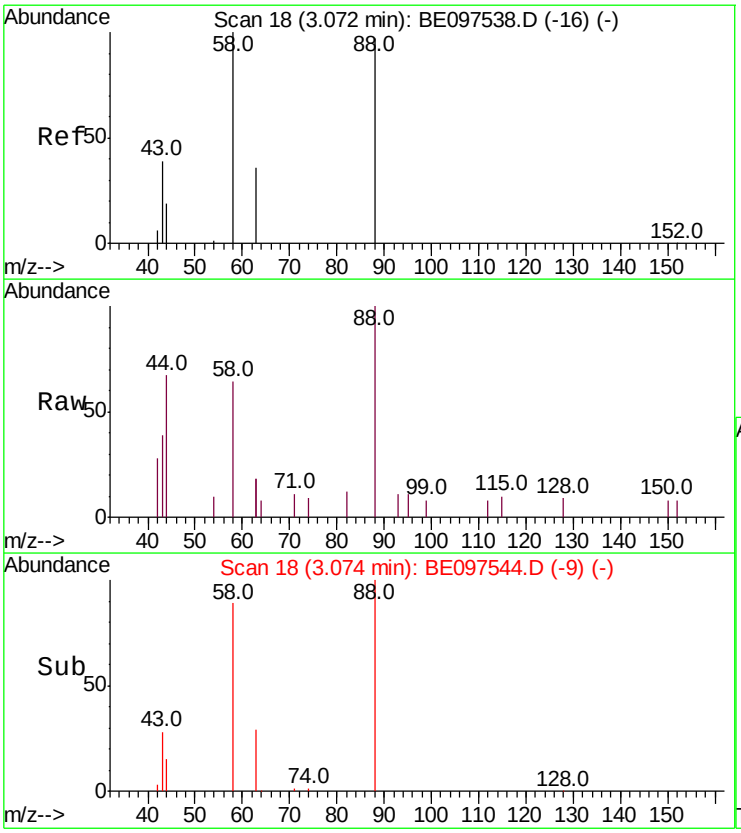
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 783

Ion	Ratio	Lower	Upper
152	100		
150	149.0	117.2	175.8
115	73.7	57.0	85.6

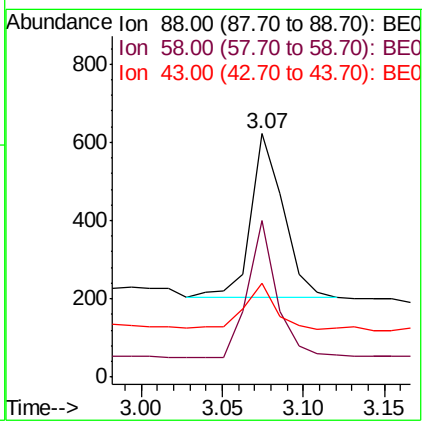


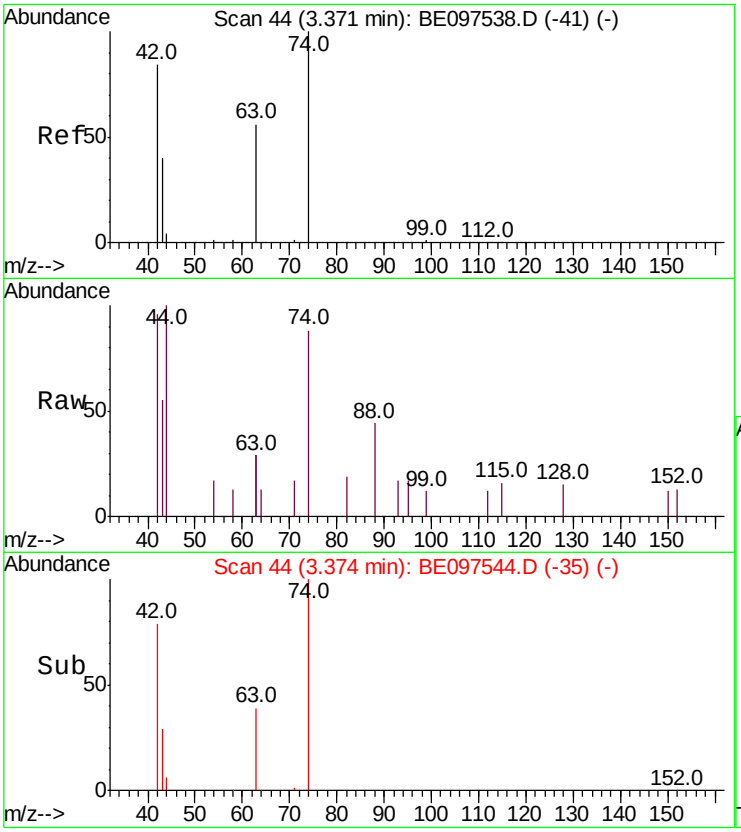


#2
1,4-Dioxane
Concen: 0.447 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion: 88 Resp: 591

Ion	Ratio	Lower	Upper
88	100		
58	73.6	63.2	94.8
43	25.7	41.2	61.8#



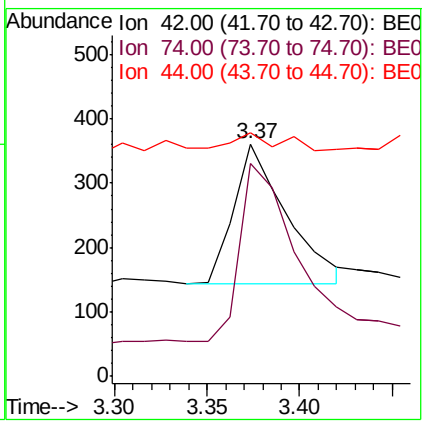


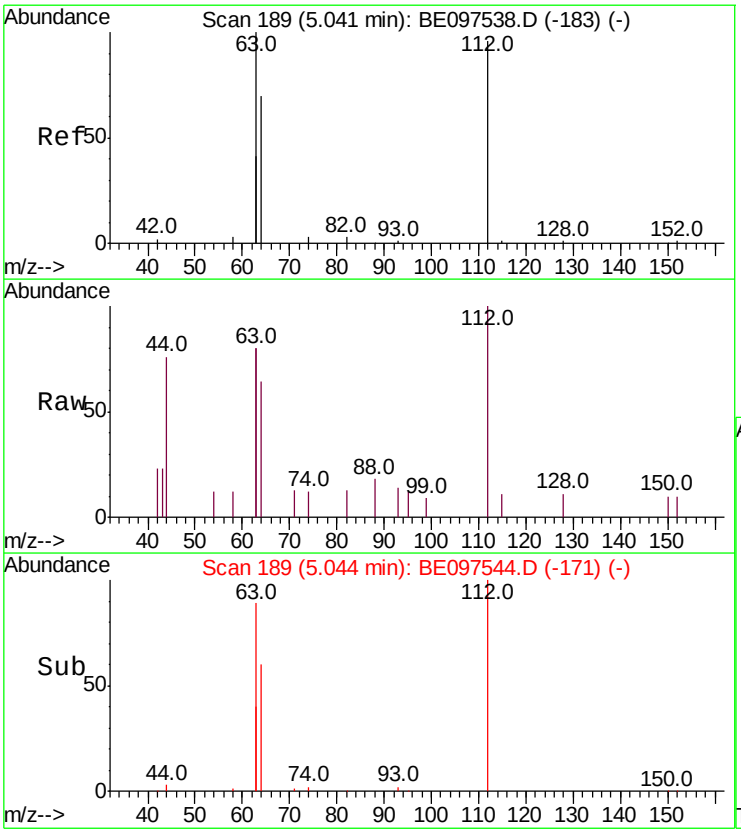
#3
n-Nitrosodimethylamine
Concen: 0.382 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 434

Ion	Ratio	Lower	Upper
42	100		
74	134.8	96.0	144.0
44	10.6	12.0	18.0#

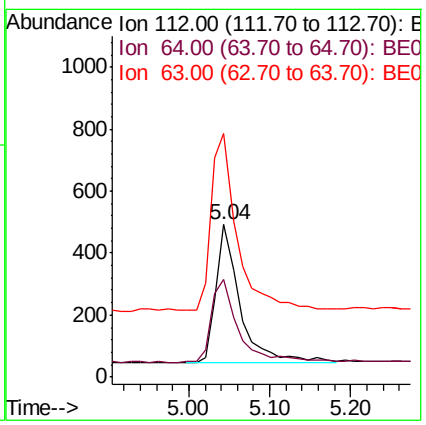


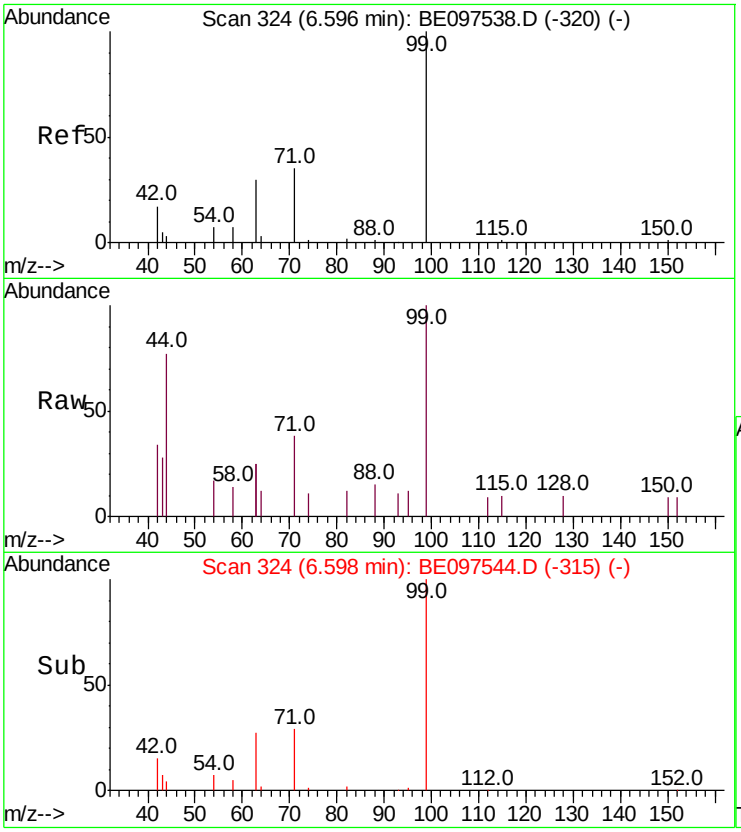


#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.04 min Scan# 189
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:112 Resp: 920

Ion	Ratio	Lower	Upper
112	100		
64	67.2	60.1	90.1
63	137.7	116.8	175.2



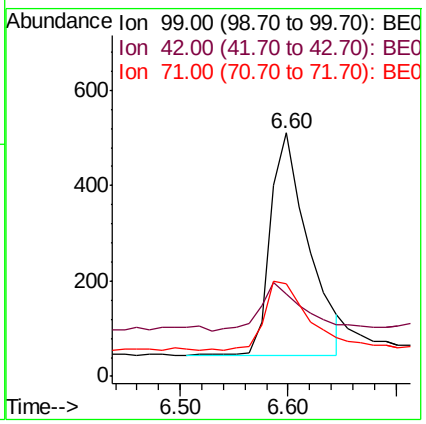


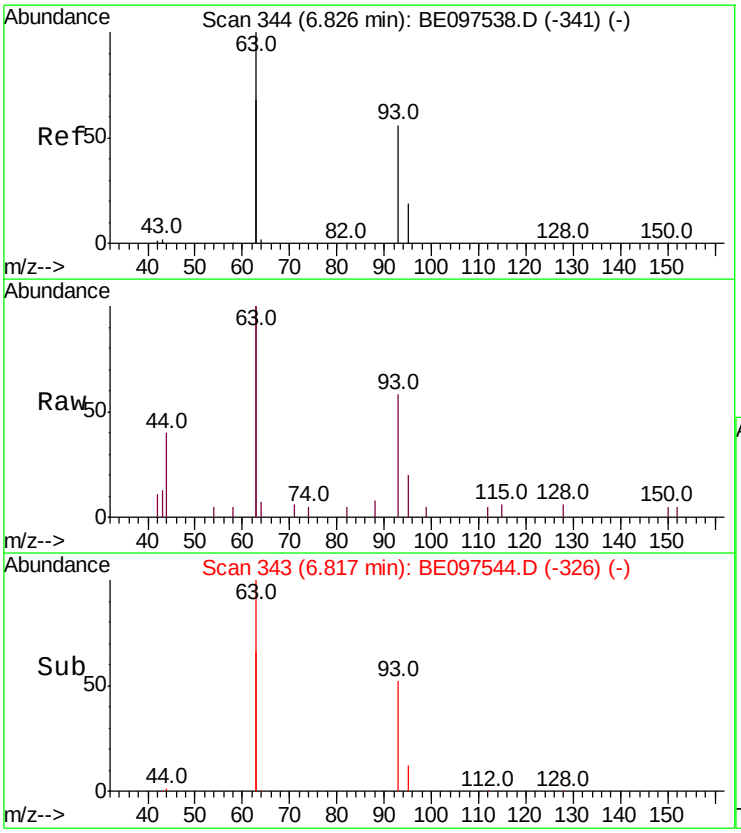
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1133

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.2	30.2
71	35.3	28.4	42.6

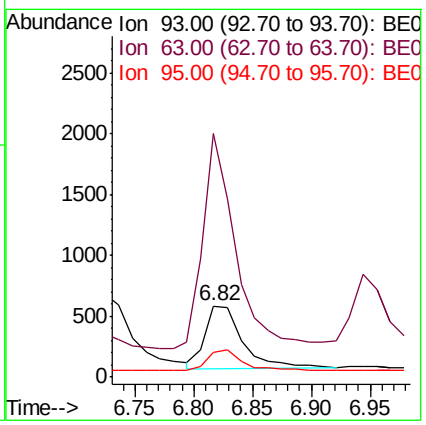


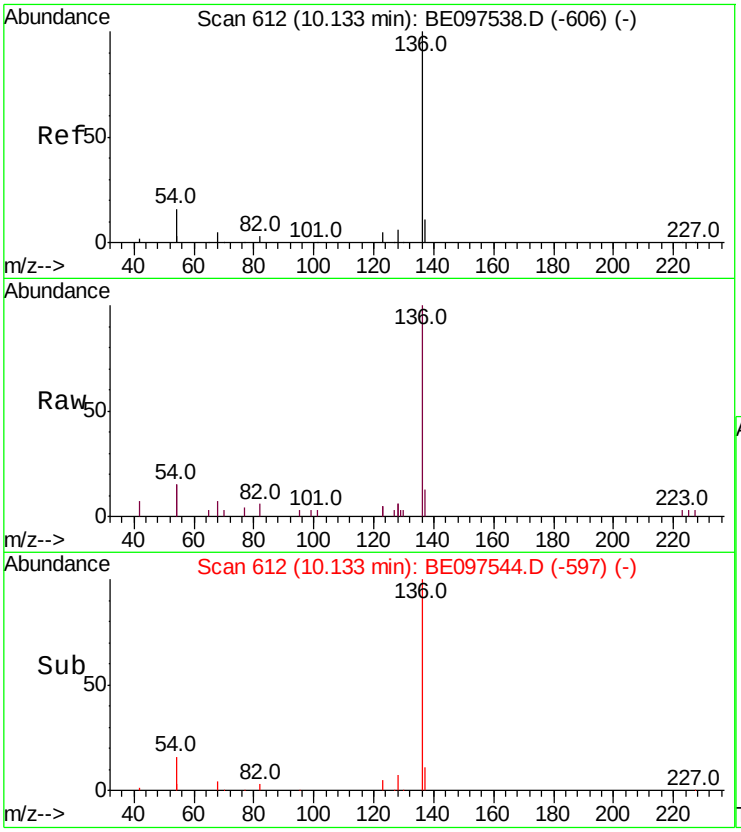


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion: 93 Resp: 1121

Ion	Ratio	Lower	Upper
93	100		
63	305.9	275.3	412.9
95	33.8	25.2	37.8



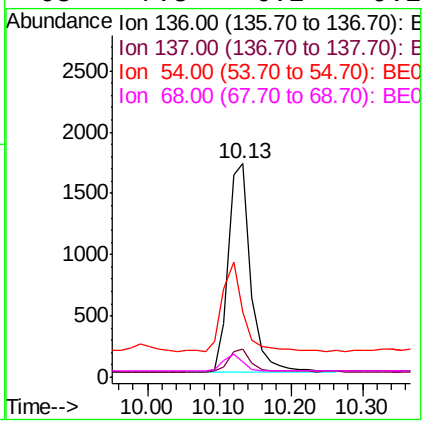


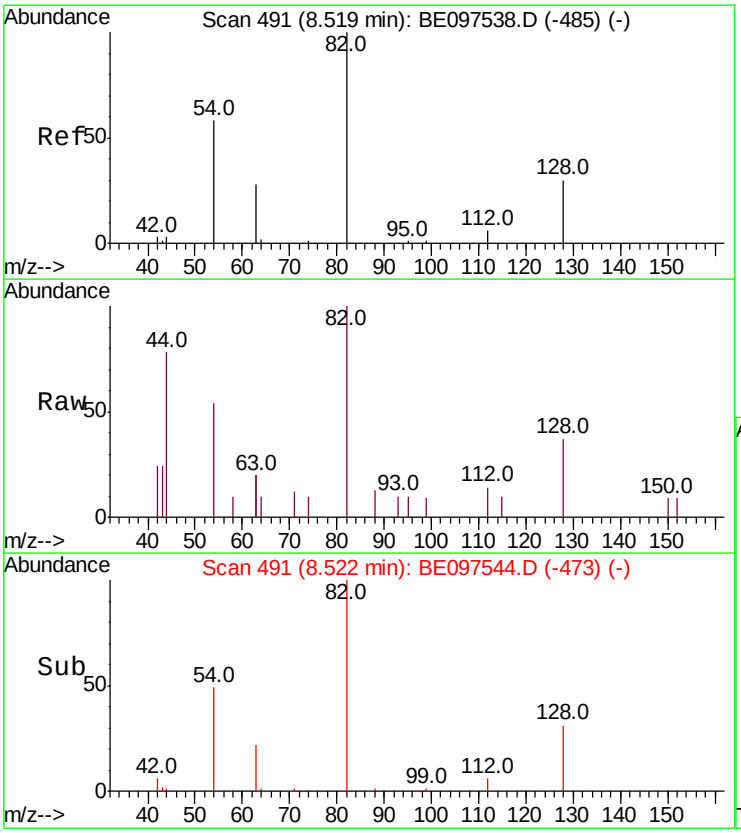
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3688

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	30.5	29.1	43.7
68	7.3	6.2	9.2

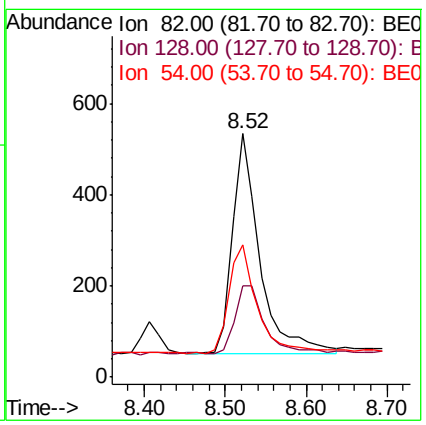


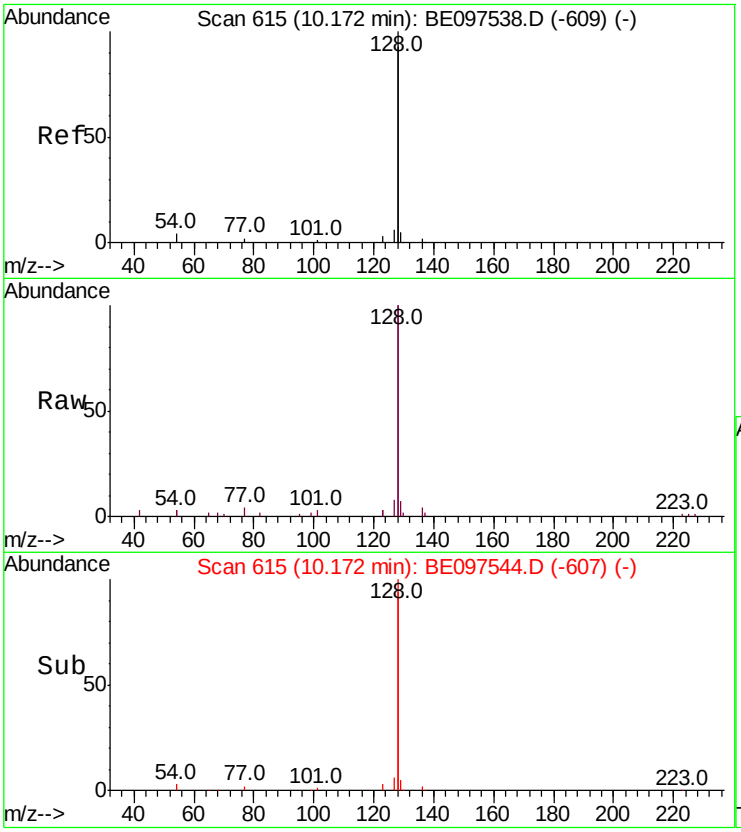


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion: 82 Resp: 1133

Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.0	36.0#
54	54.5	40.0	60.0



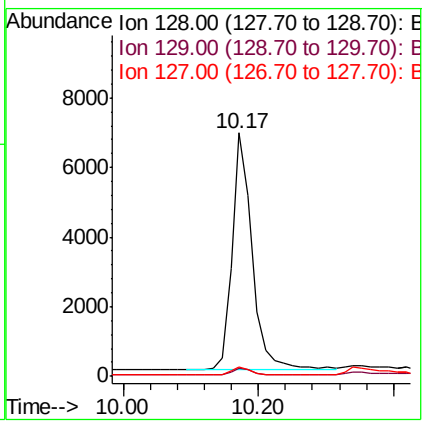


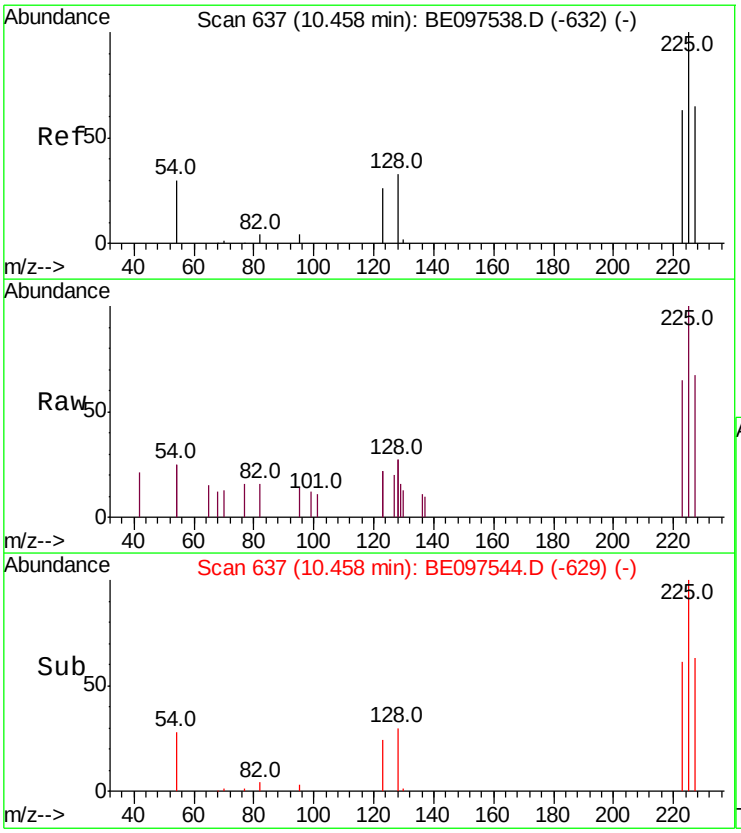
#9
Naphthalene
Concen: 0.421 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 13990

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	2.8	4.2

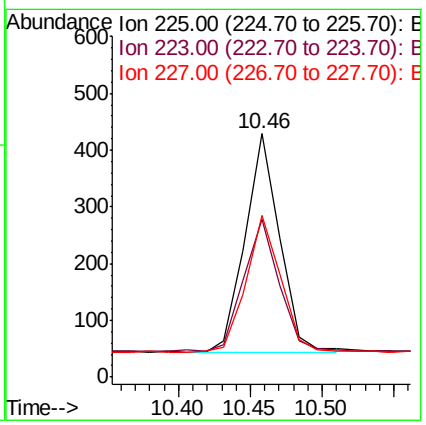


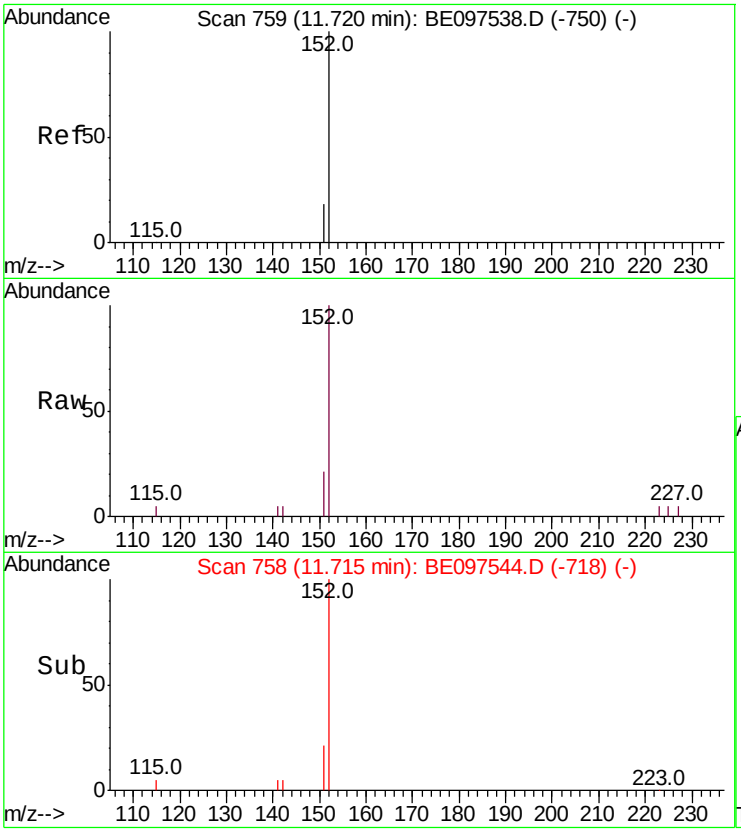


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:225 Resp: 641

Ion	Ratio	Lower	Upper
225	100		
223	62.9	53.0	79.6
227	64.0	51.4	77.2



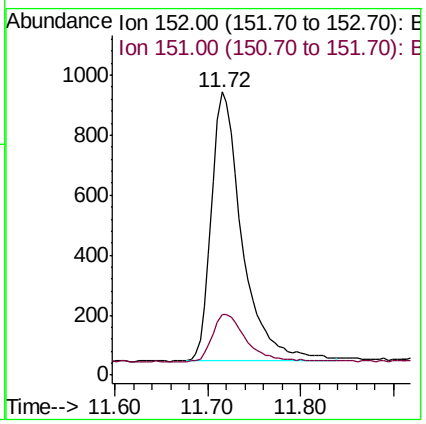


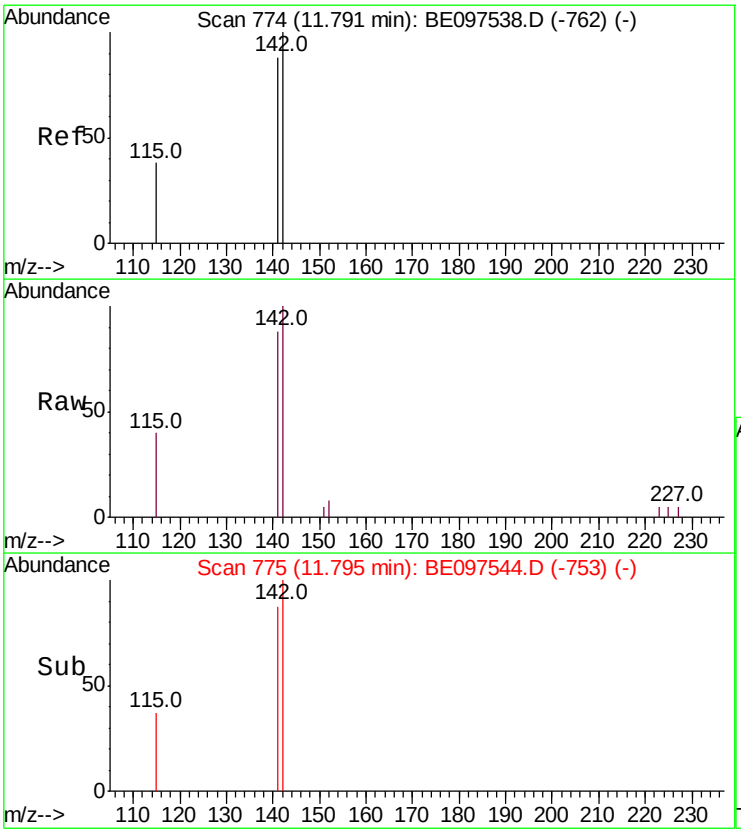
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2055

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

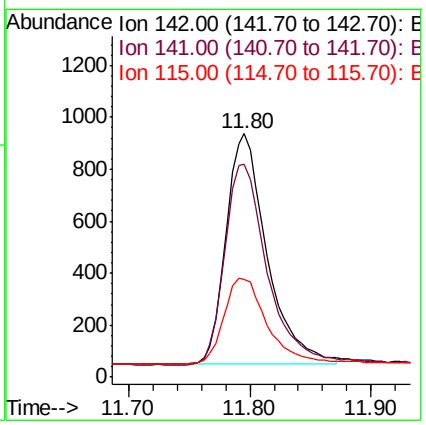


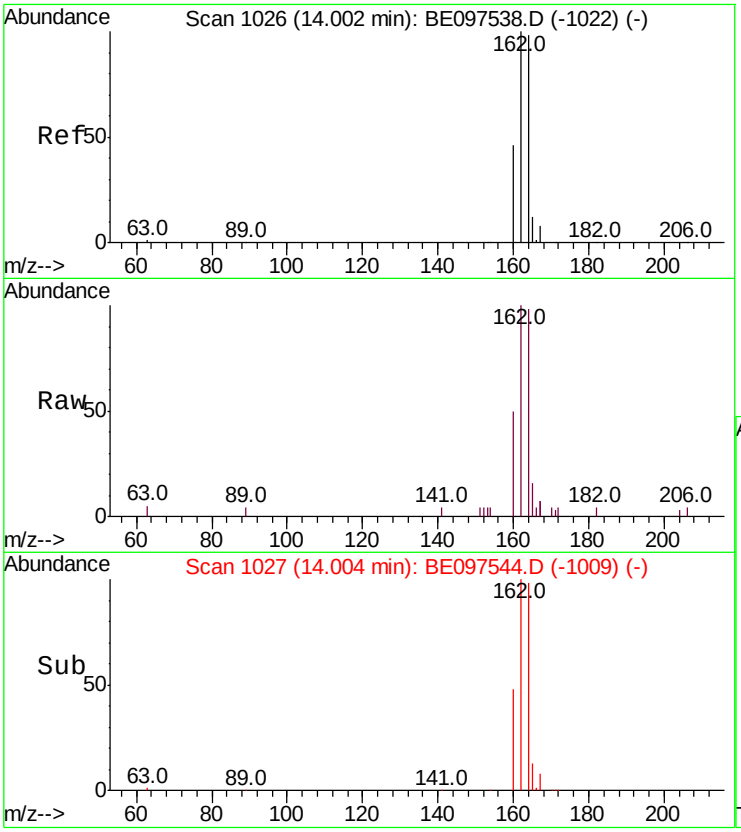


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:142 Resp: 2089

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	40.3	31.7	47.5



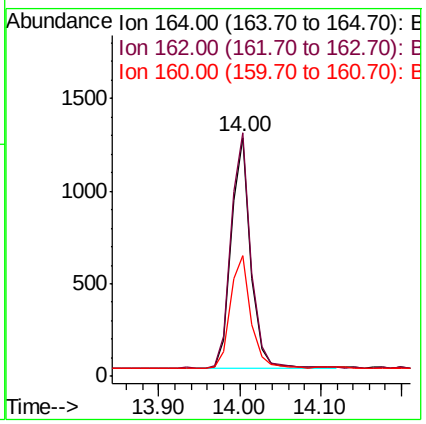


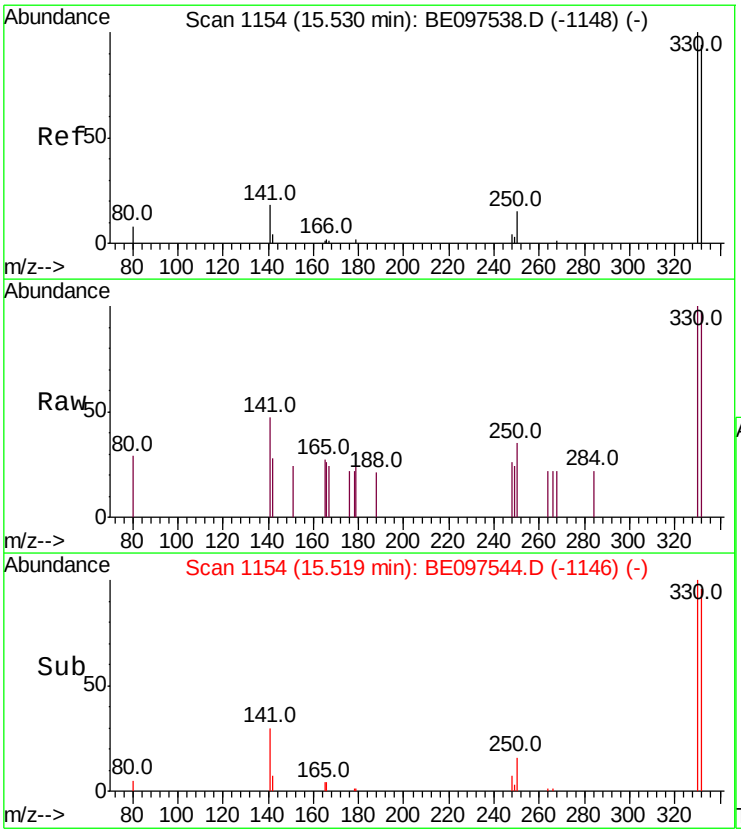
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2067

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	50.5	37.1	55.7

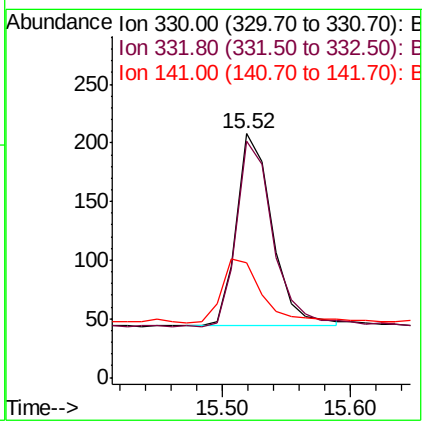


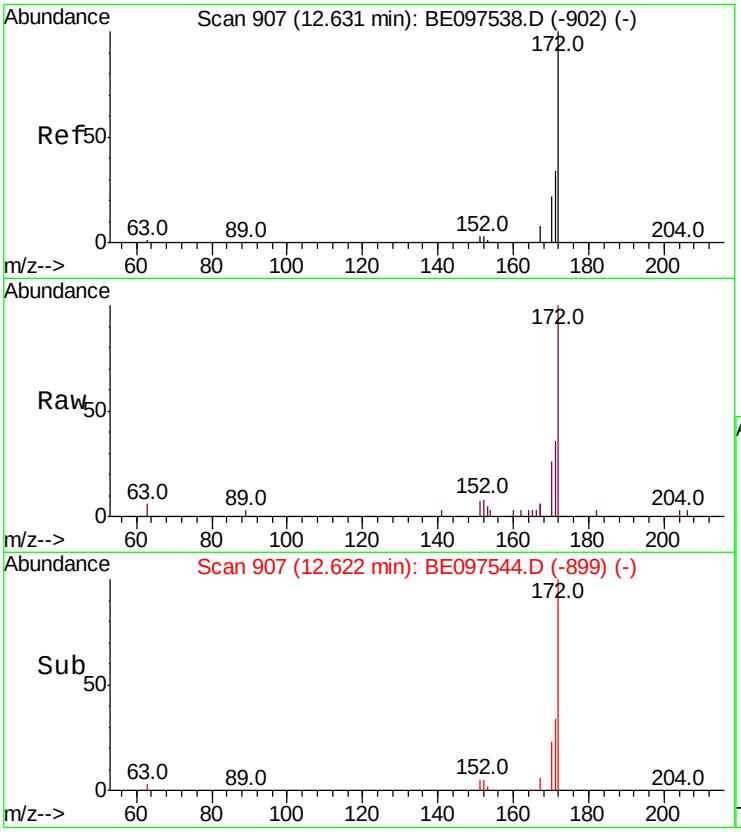


#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	98.1	152.7	229.1#
141	38.4	33.7	50.5



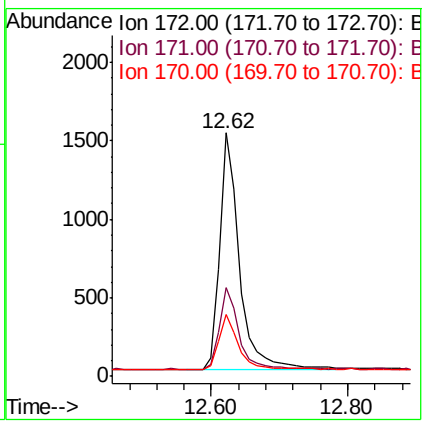


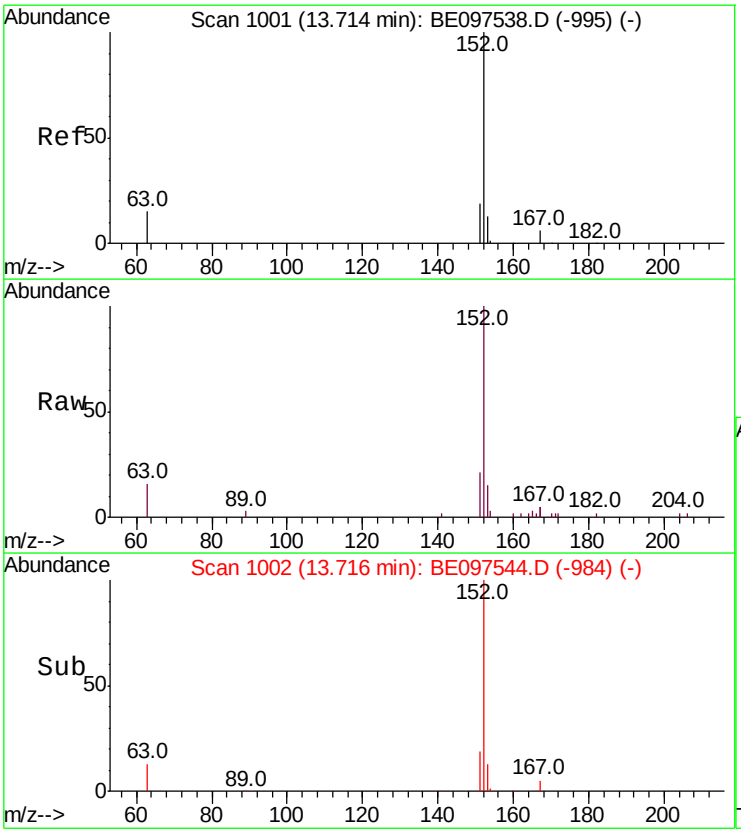
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3066

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	25.5	21.8	32.8

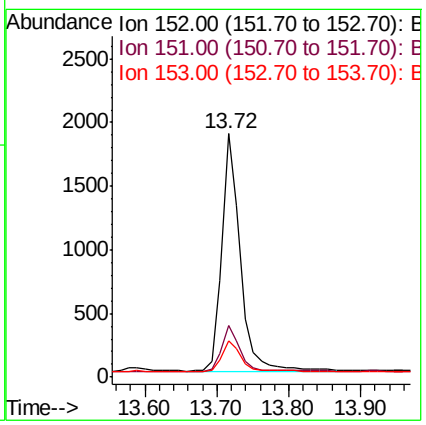


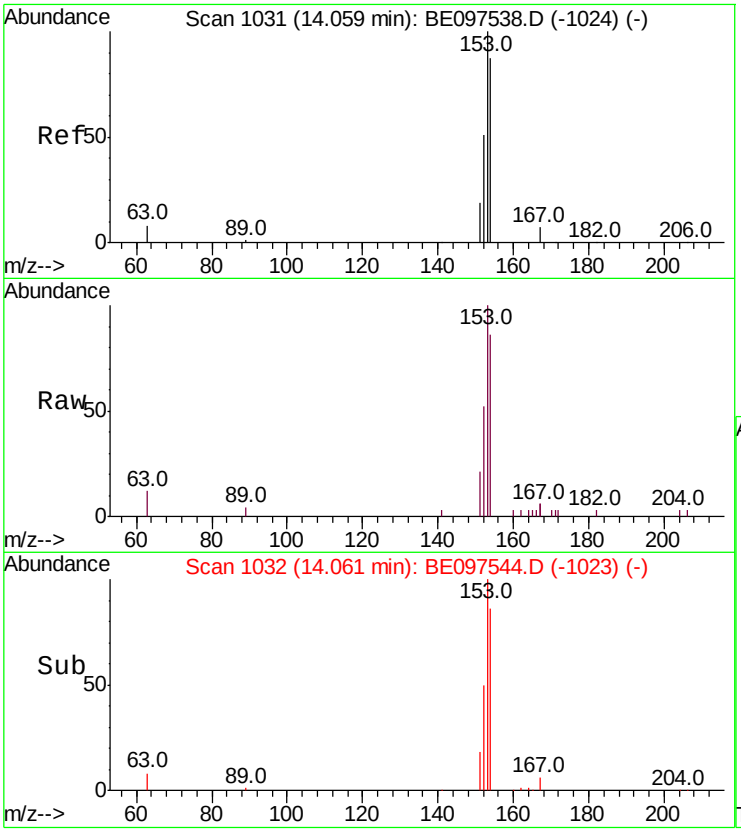


#16
Acenaphthylene
Concen: 0.404 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:152 Resp: 3304

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.1	10.5	15.7



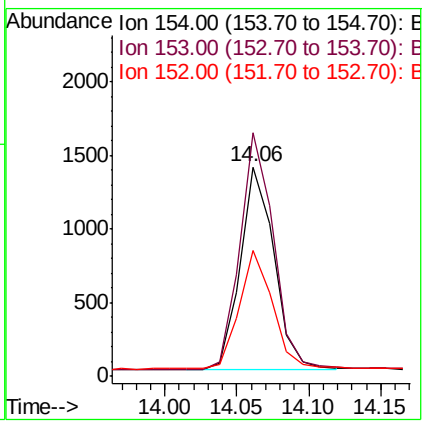


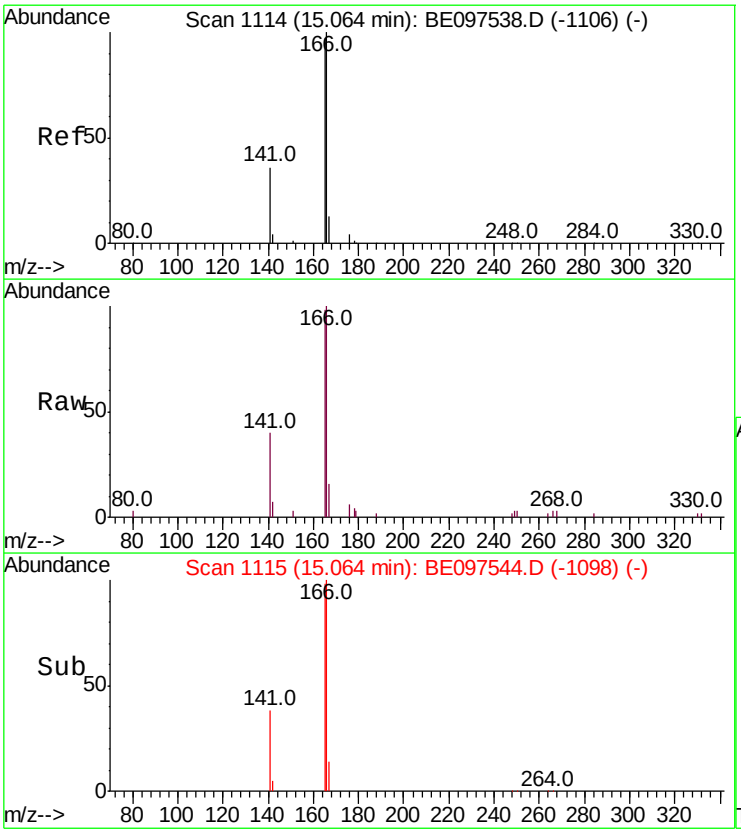
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2242

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.2	133.8
152	58.0	42.0	63.0

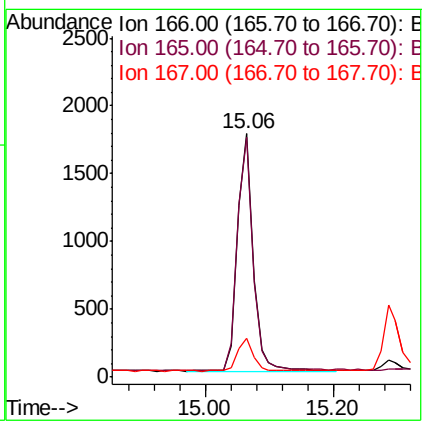


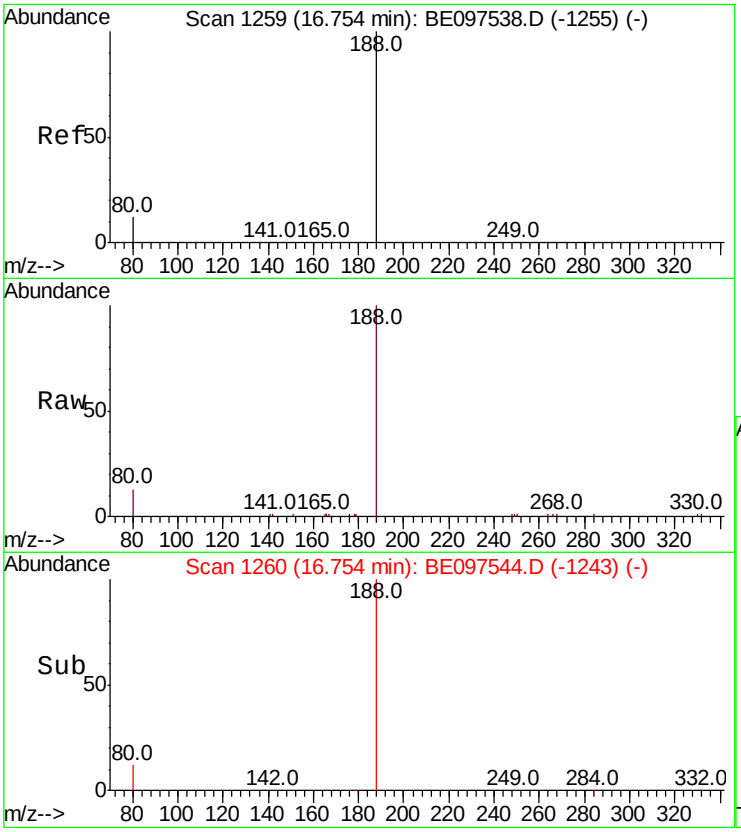


#18
Fluorene
Concen: 0.411 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:166 Resp: 2936

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	14.1	42.4	63.6#



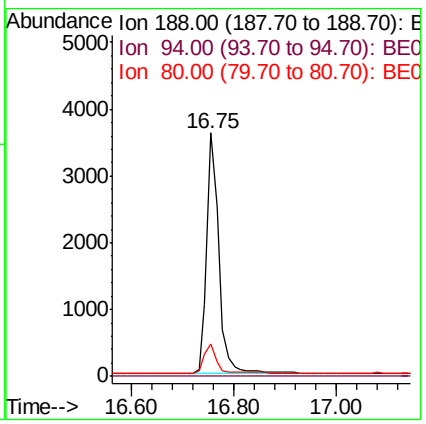


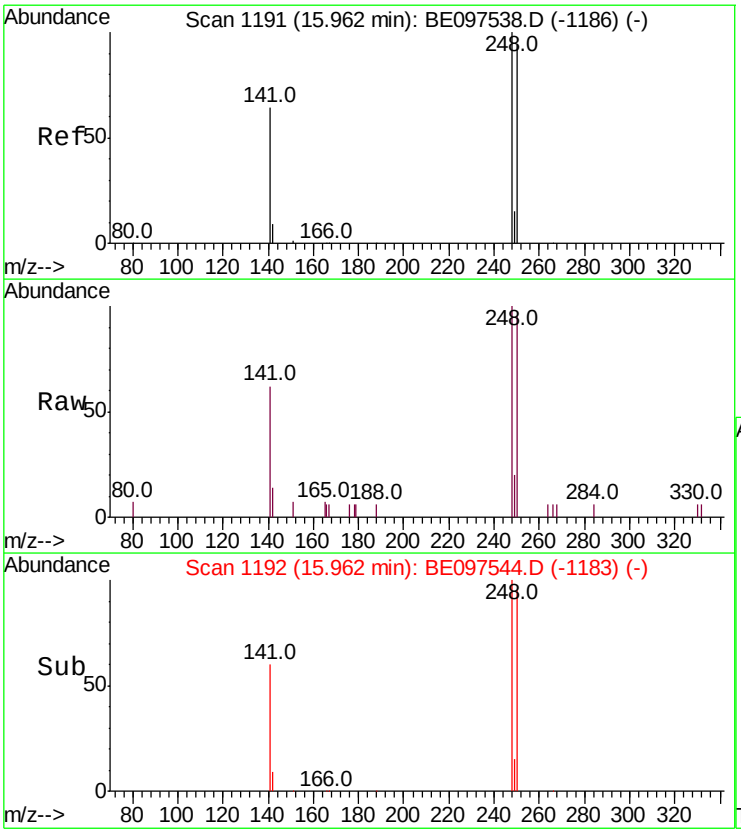
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5912

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.2	3.6	5.4#

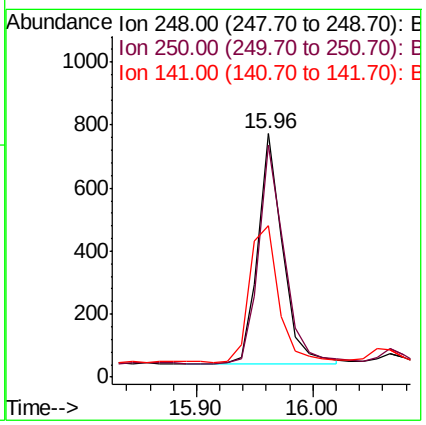


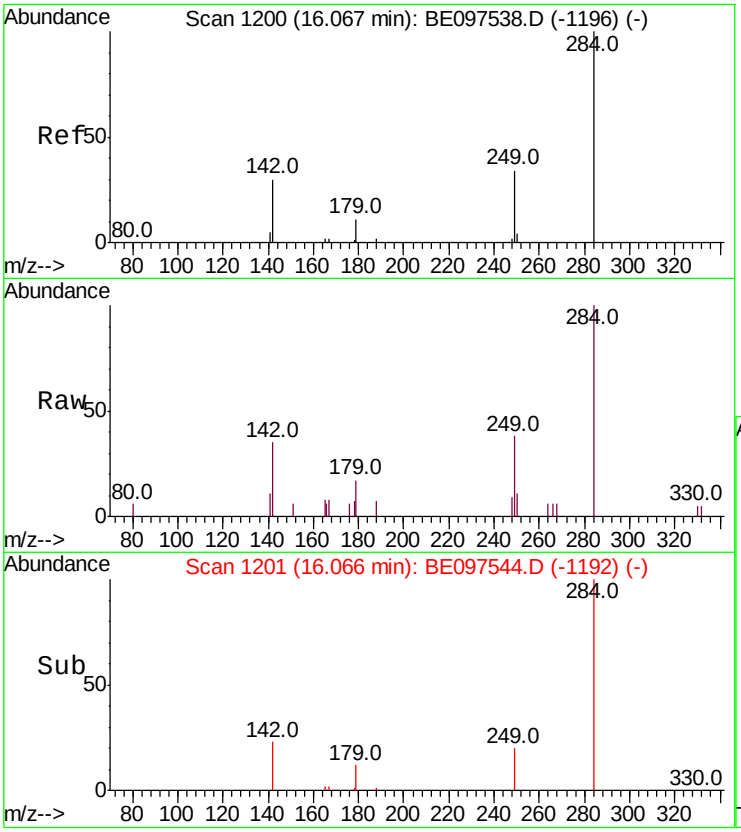


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:248 Resp: 1078

Ion	Ratio	Lower	Upper
248	100		
250	95.3	62.7	94.1#
141	62.4	48.2	72.2



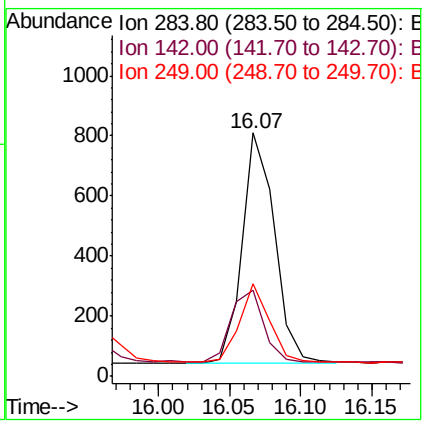


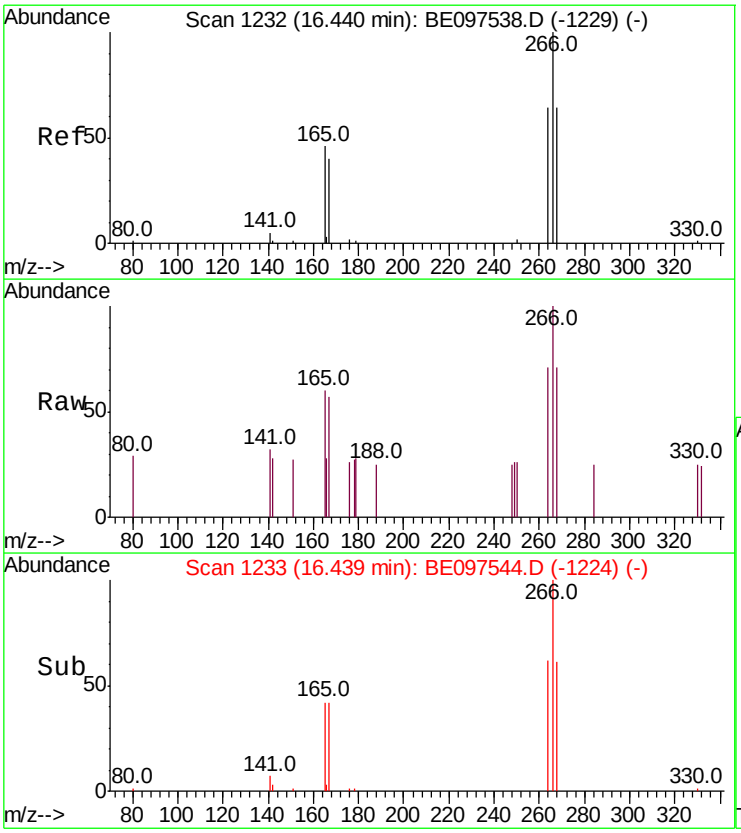
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1202

Ion	Ratio	Lower	Upper
284	100		
142	32.2	22.1	33.1
249	31.0	34.8	52.2#

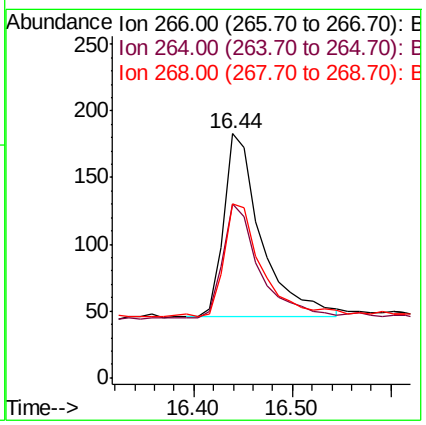


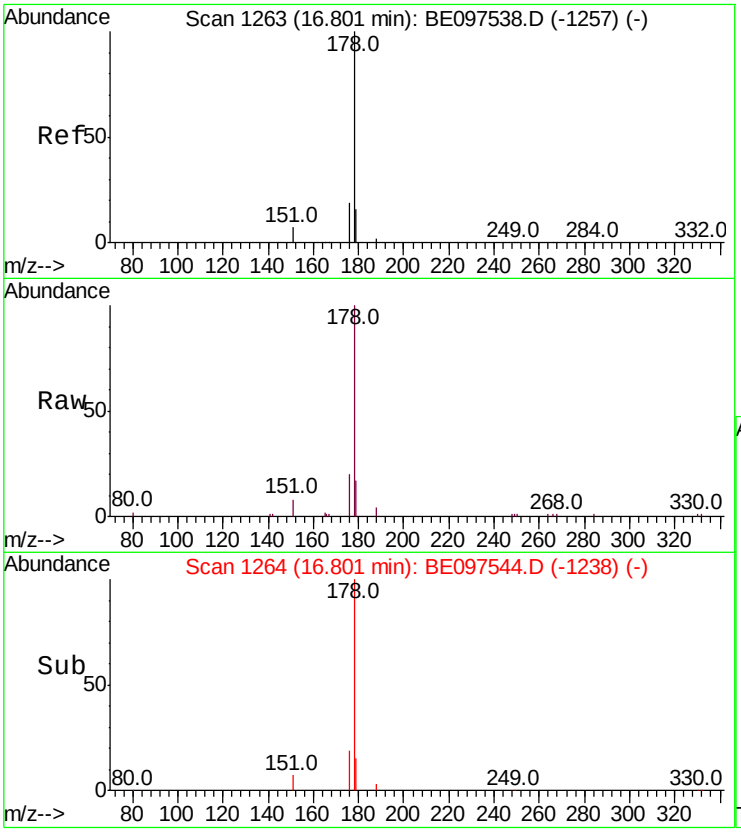


#22
Pentachlorophenol
Concen: 0.405 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:266 Resp: 362

Ion	Ratio	Lower	Upper
266	100		
264	71.0	72.5	108.7#
268	71.0	73.8	110.6#



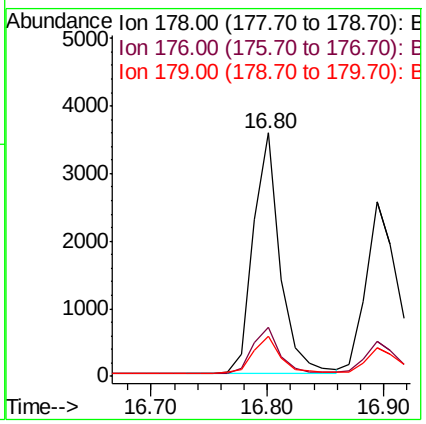


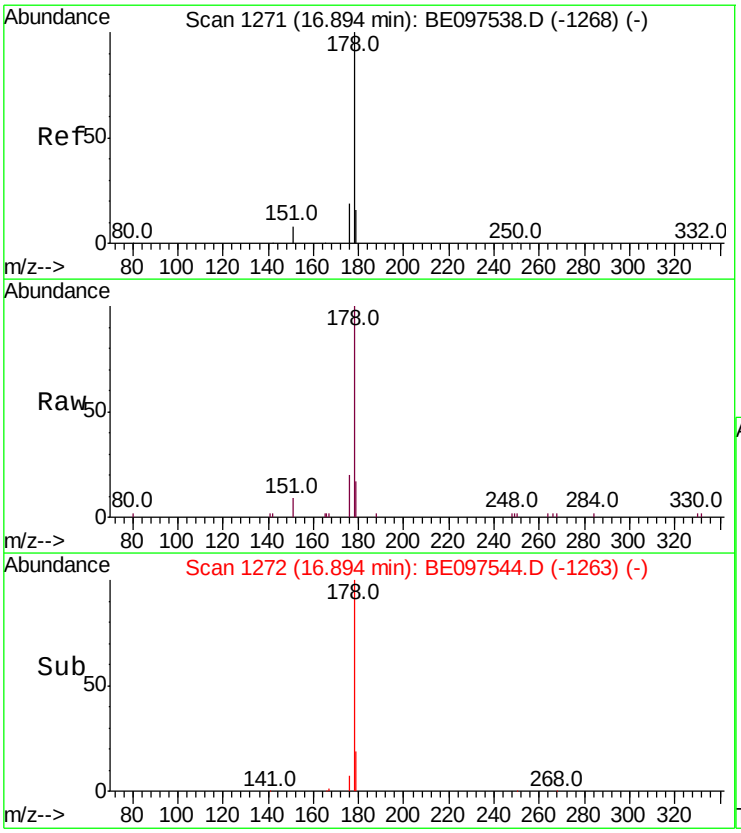
#23
Phenanthrene
Concen: 0.406 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5696

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.5	11.8	17.6

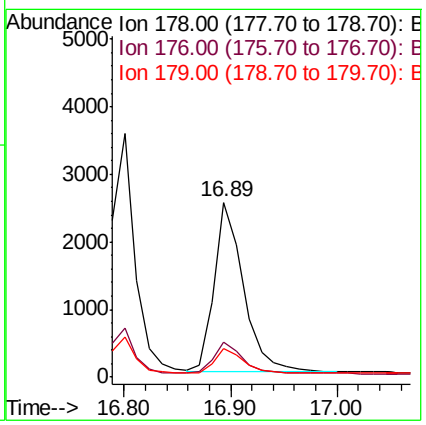


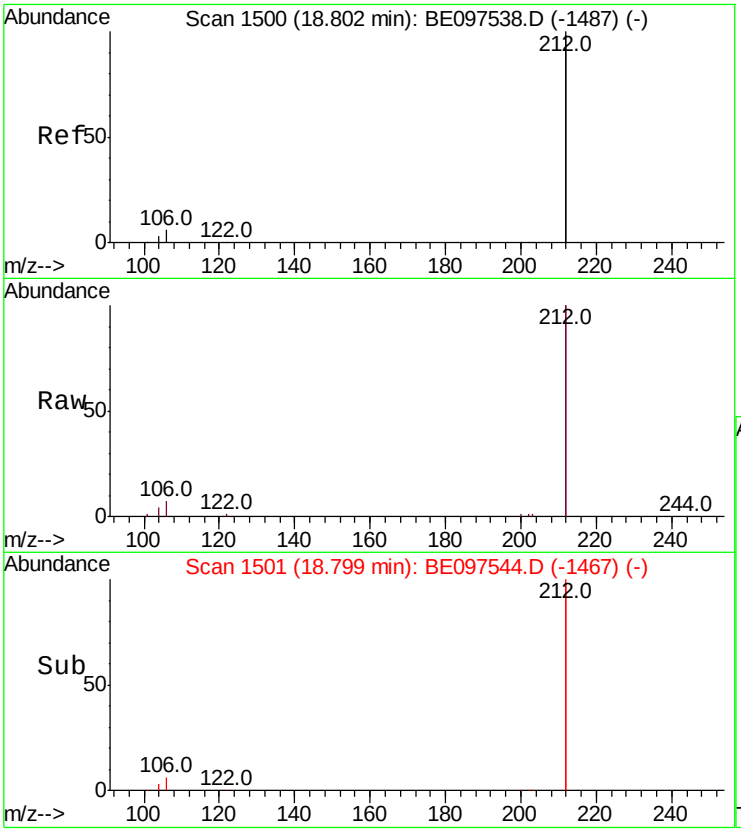


#24
Anthracene
Concen: 0.382 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:178 Resp: 4741

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	14.7	13.0	19.6



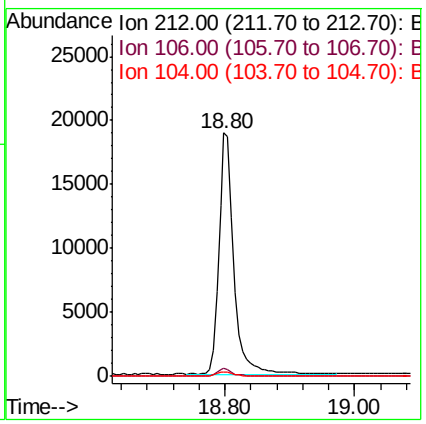


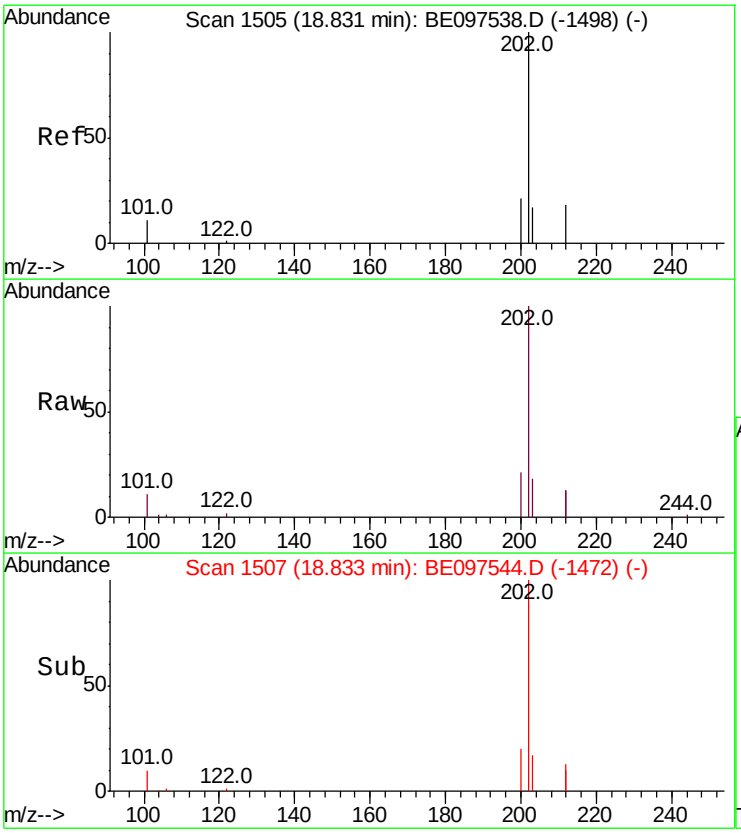
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30609

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

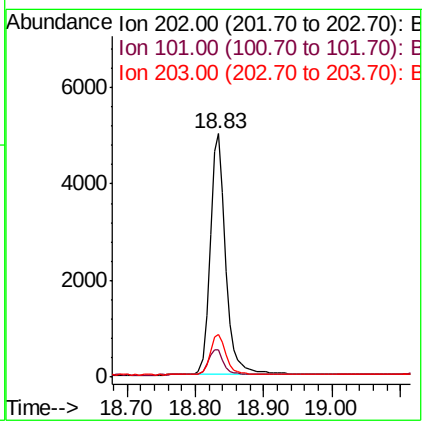


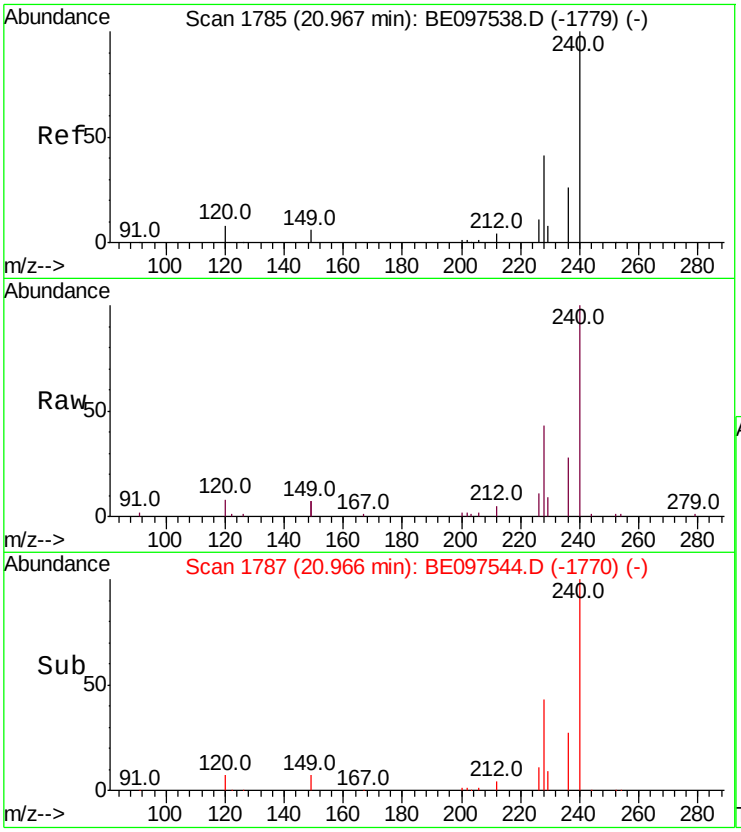


#26
Fluoranthene
Concen: 0.408 ng
RT: 18.83 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:202 Resp: 7944

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	16.8	13.7	20.5



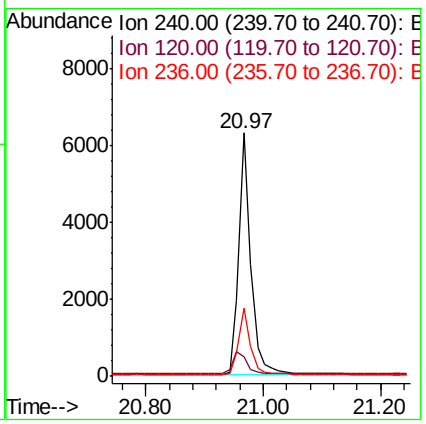


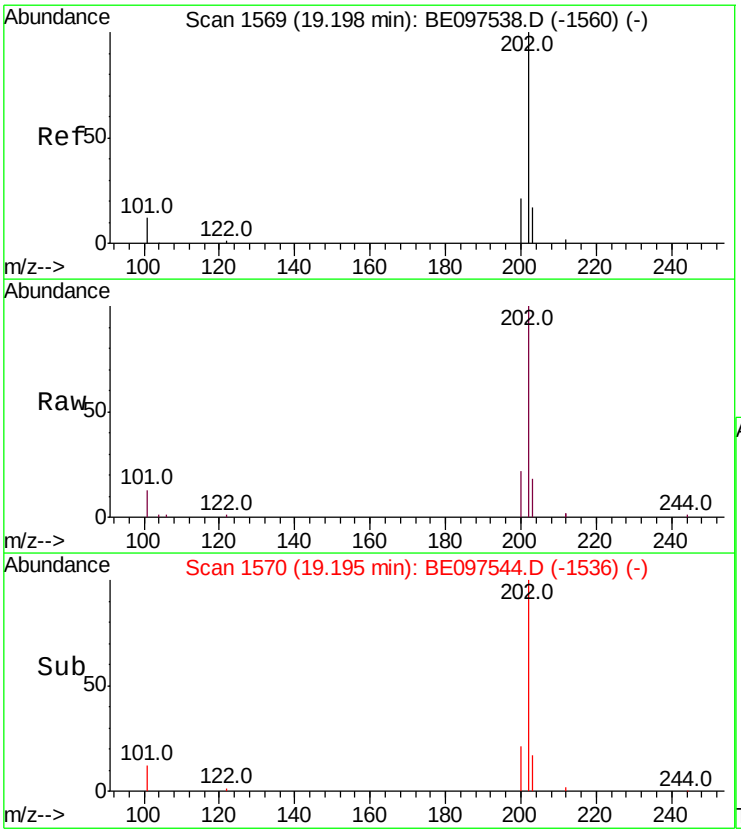
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 9136

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.5	8.3
236	27.8	20.7	31.1

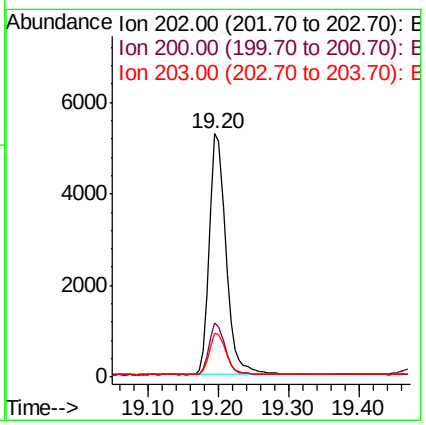


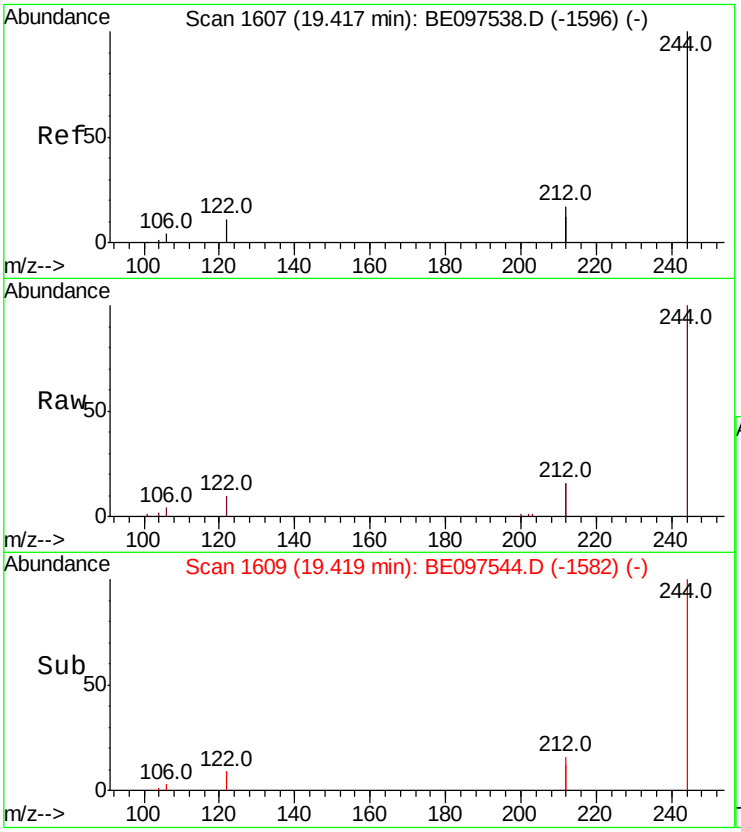


#28
Pyrene
Concen: 0.420 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:202 Resp: 8737

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.3	13.8	20.8



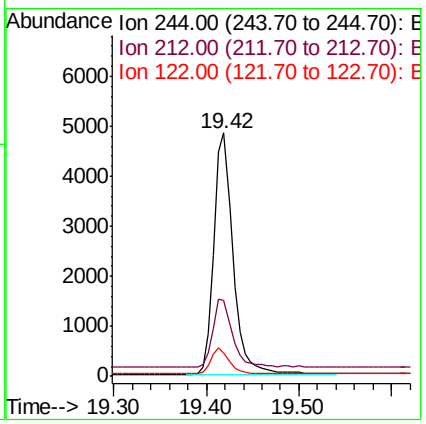


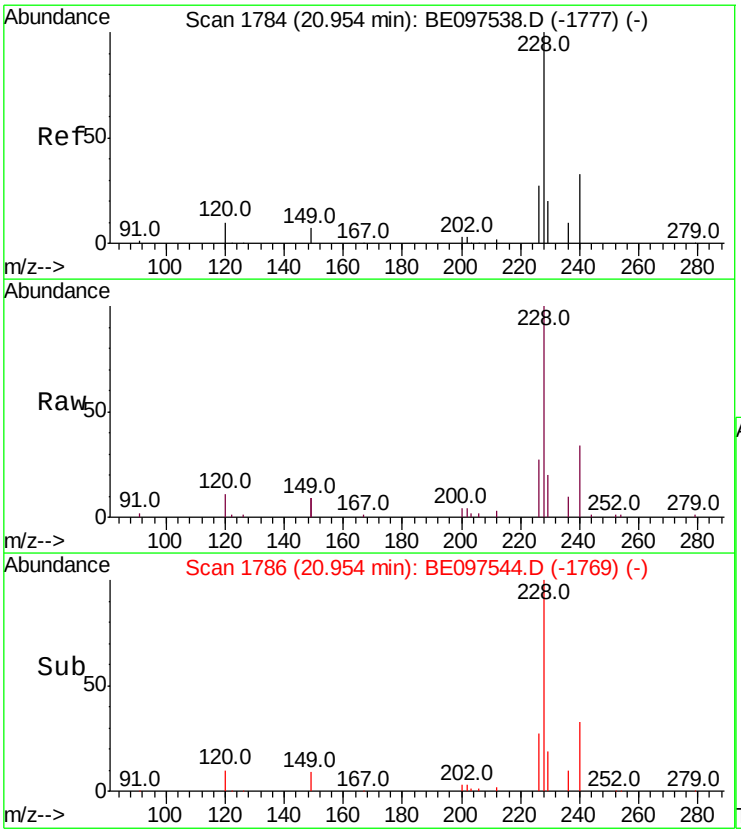
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6871

Ion	Ratio	Lower	Upper
244	100		
212	31.4	25.4	38.0
122	9.6	8.1	12.1

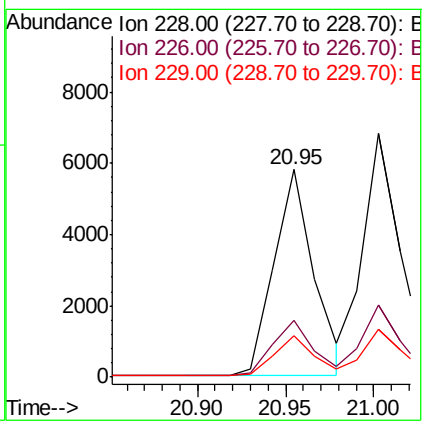


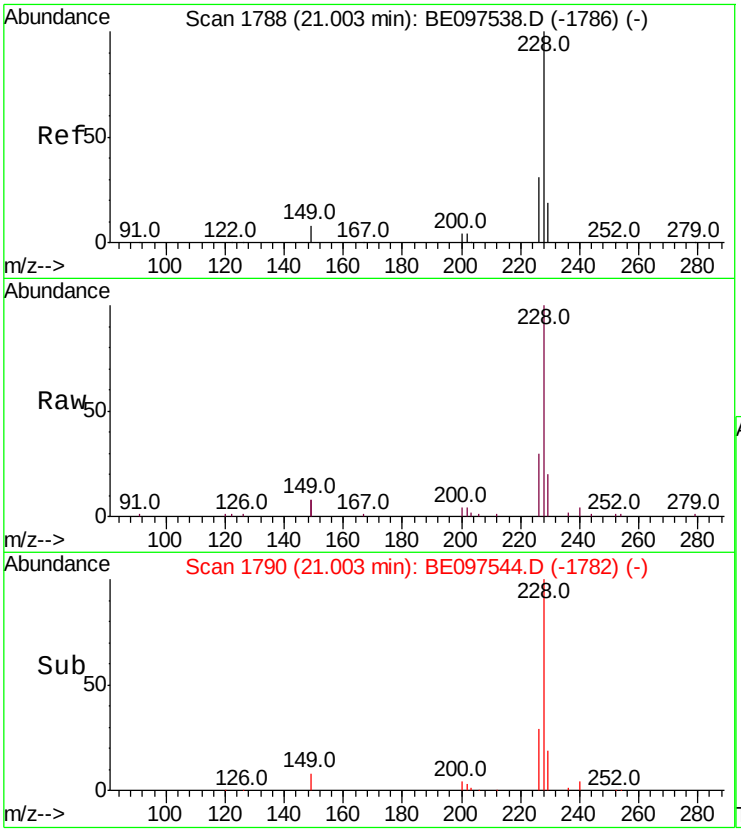


#30
Benzo(a)anthracene
Concen: 0.395 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:228 Resp: 9077

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	20.2	16.0	24.0



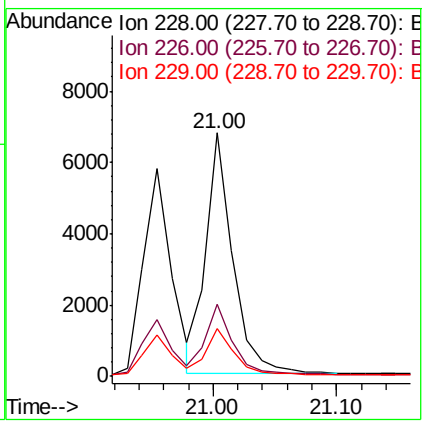


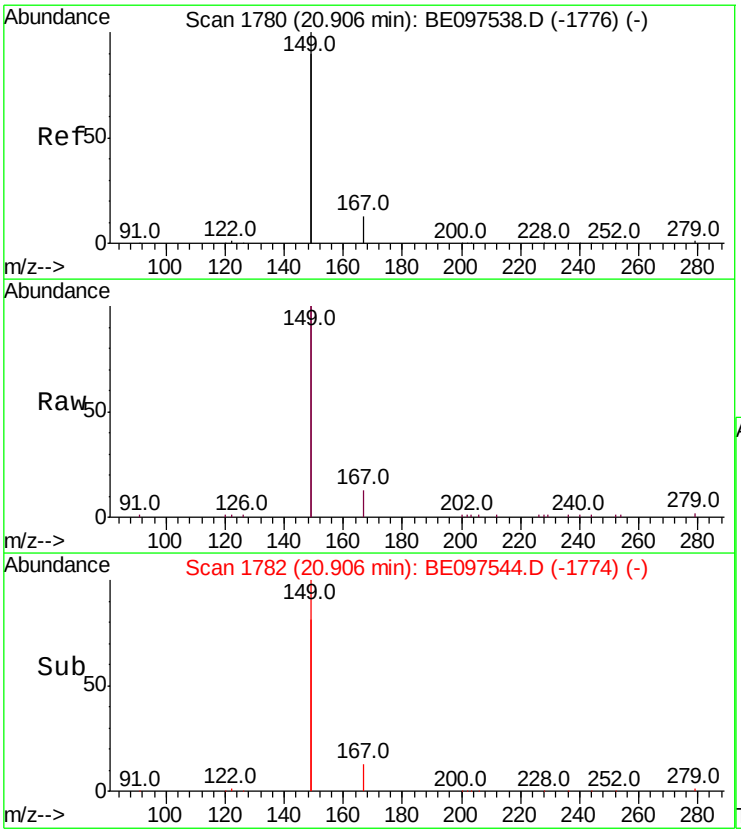
#31
Chrysene
Concen: 0.413 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10202

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.7	16.0	24.0

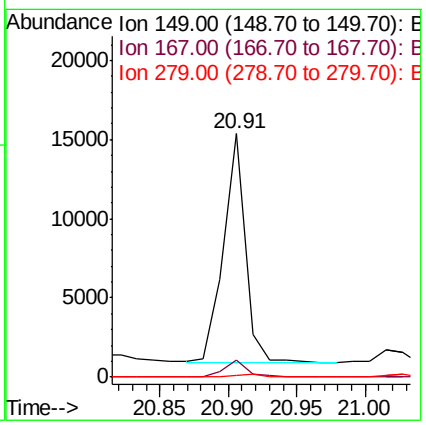


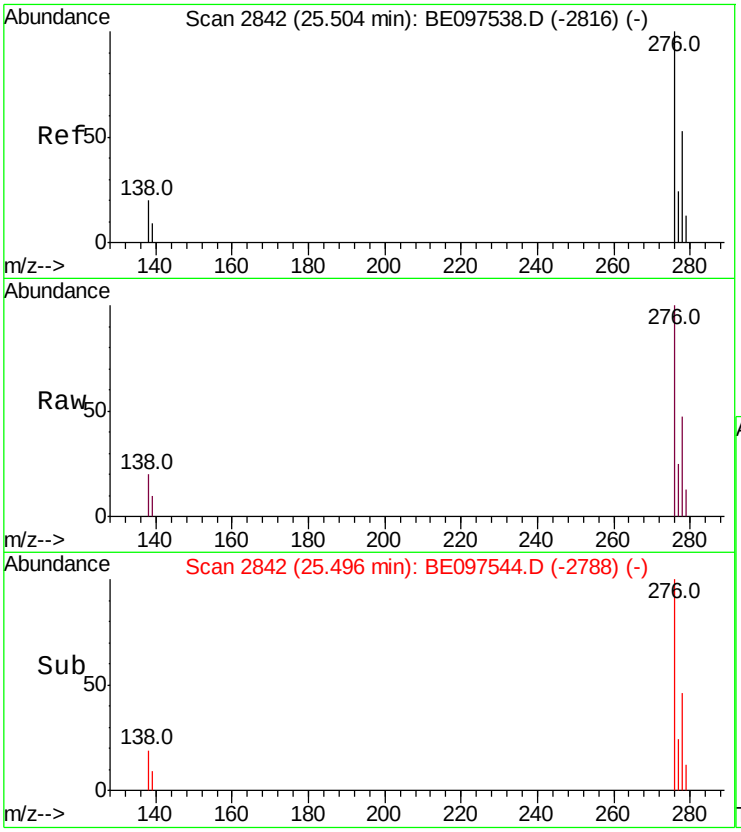


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.428 ng
RT: 20.91 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:149 Resp: 16119

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



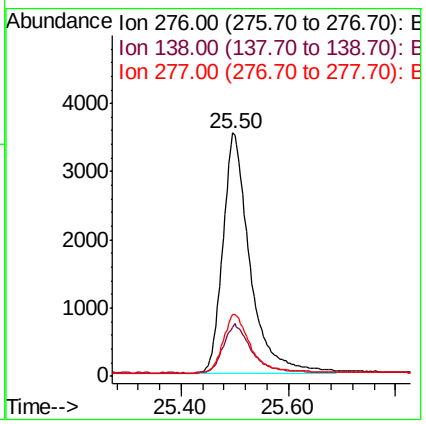


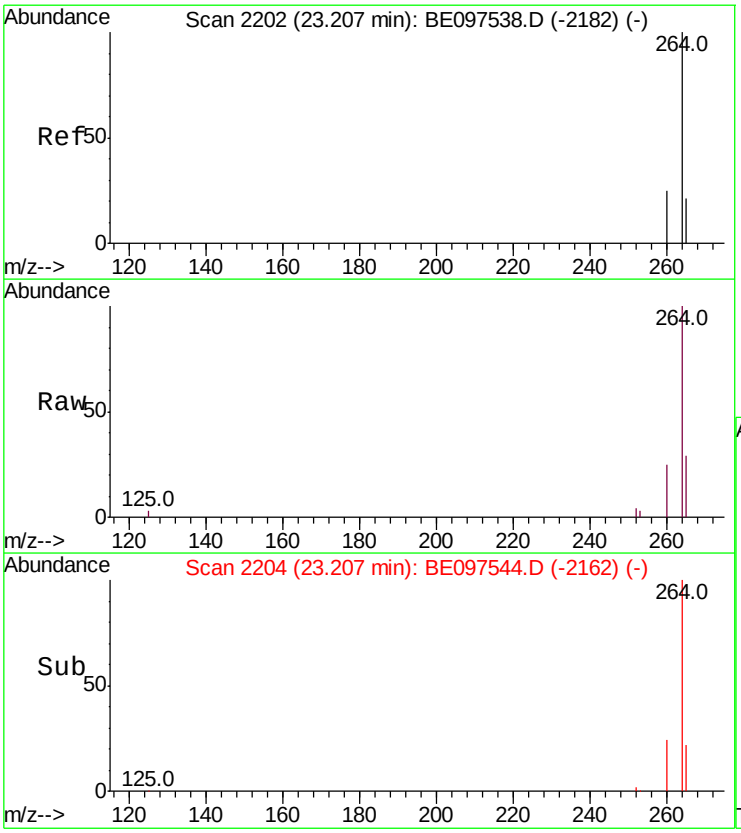
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 25.50 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12316

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	25.0	19.9	29.9

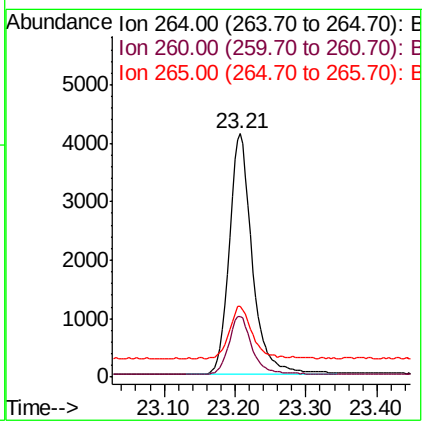


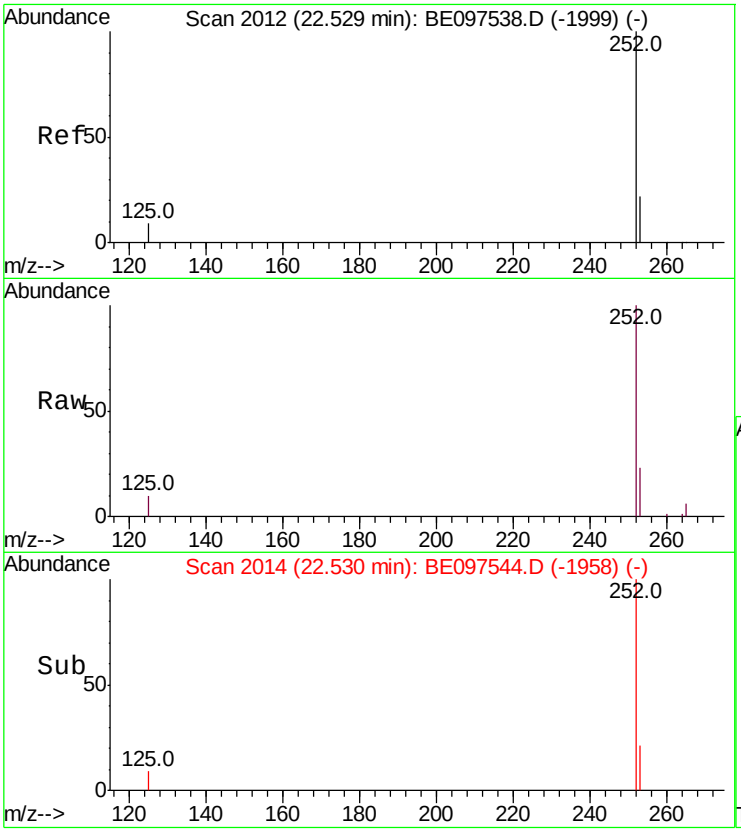


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:264 Resp: 9175

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	29.1	22.8	34.2



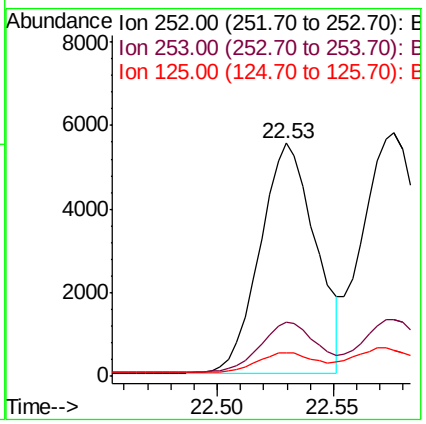


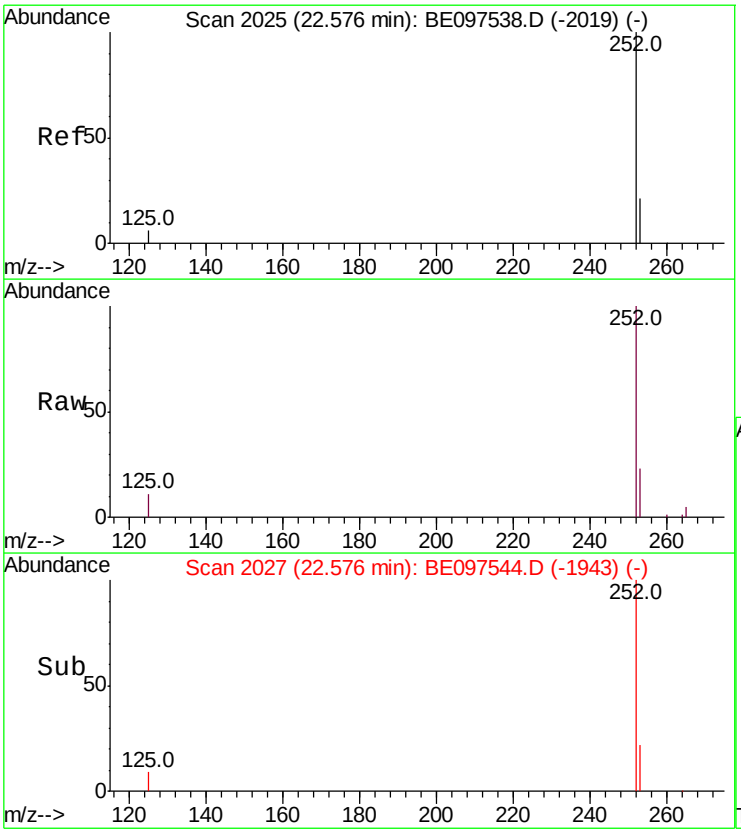
#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9161

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	10.3	16.0	24.0#

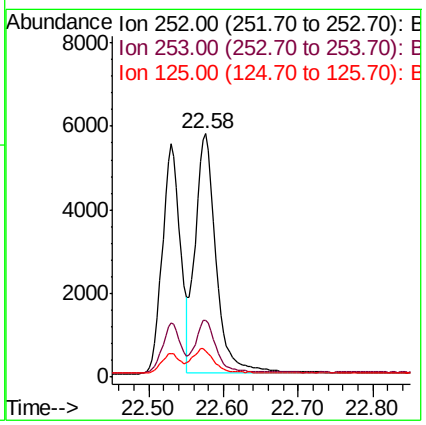


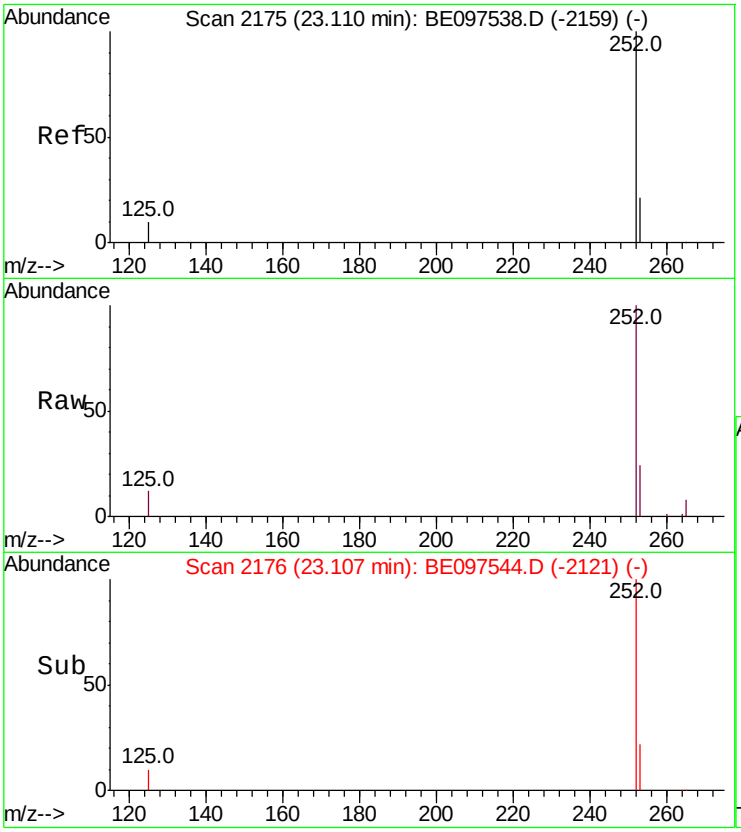


#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:252 Resp: 11248

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.9	8.0	12.0



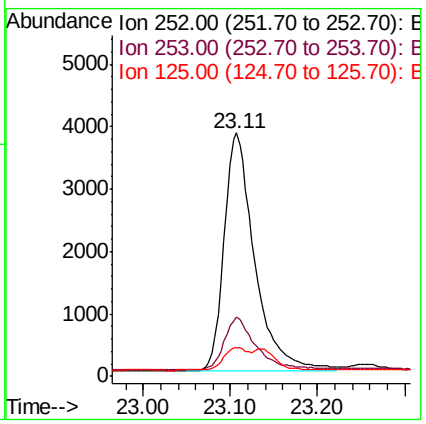


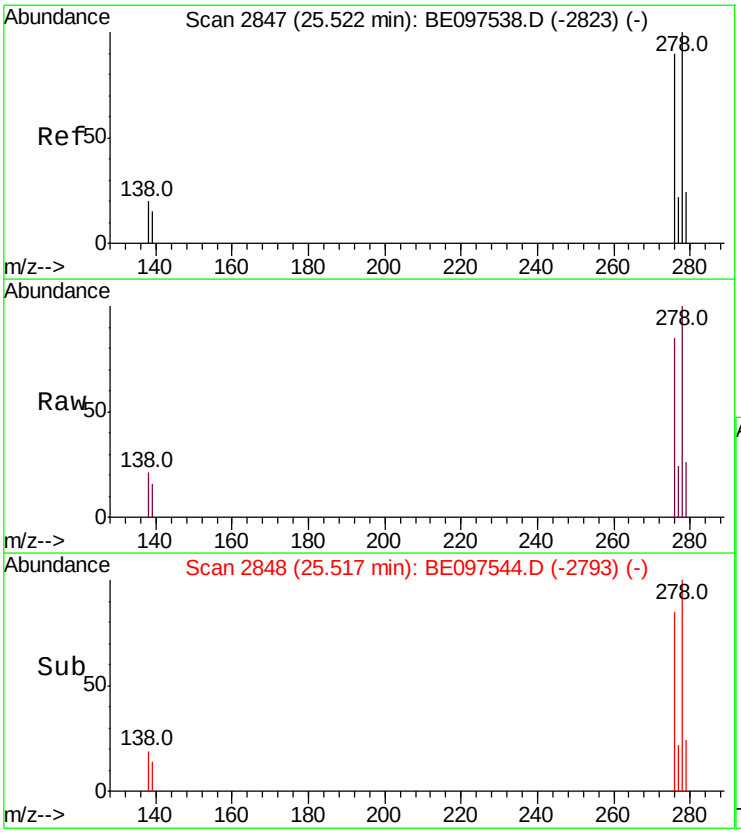
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9282

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	12.0	12.0	18.0#

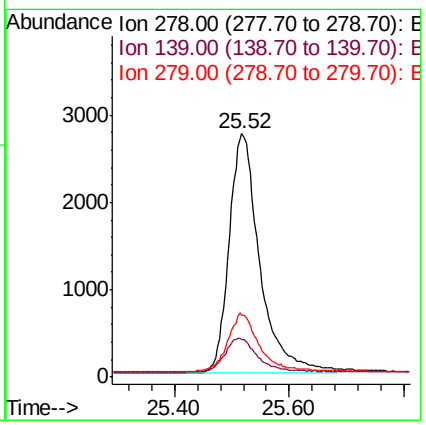


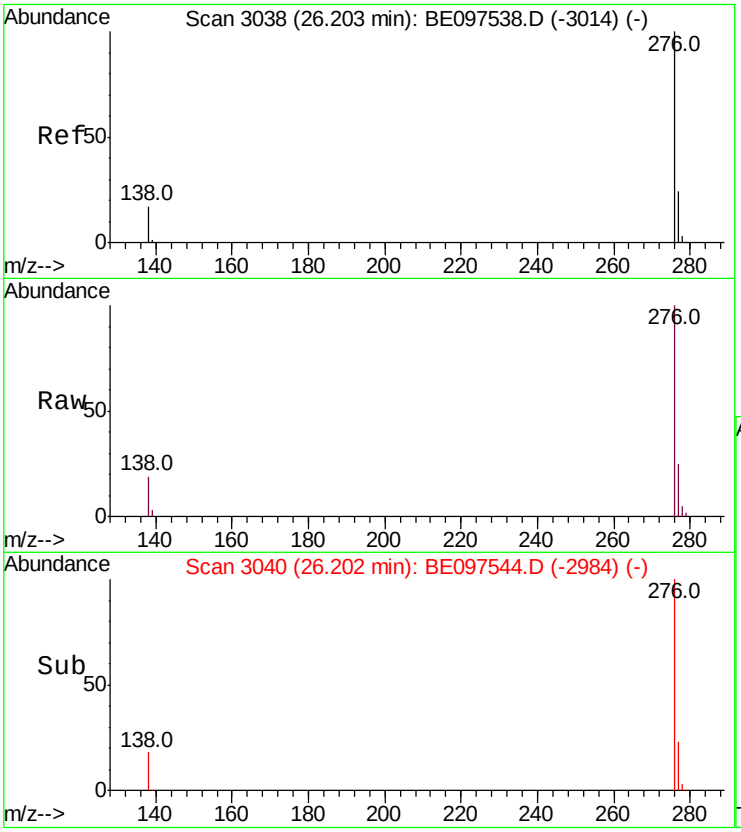


#38
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Tgt Ion:278 Resp: 10196

Ion	Ratio	Lower	Upper
278	100		
139	15.5	16.0	24.0#
279	25.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 26.20 min Scan# 3040
Delta R.T. -0.00 min
Lab File: BE097544.D
Acq: 19 Sep 2018 17:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9991

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	19.4	20.0	30.0#