Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097547.D
Acq On : 19 Sep 2018 19:24
Operator : SJ/JU
Sample : J4958-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPSI-TT-MW308D-20180914MSD

Quant Time: Sep 20 05:09:25 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	1068	0.40	ng		0.00
7) Naphthalene-d8	10.12	136	4485	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	2140	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5303	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7118	0.40	ng		0.00
34) Perylene-d12	23.20	264	8603	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	560	0.17	ng		0.01
5) Phenol-d6	6.61	99	366	0.09	ng		0.01
8) Nitrobenzene-d5	8.52	82	1519	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.71	152	3186	0.52	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	372	0.45	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	4564	0.60	ng		-0.01
25) Fluoranthene-d10	18.80	212	25438	0.37	ng		0.00
29) Terphenyl-d14	19.42	244	6208	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	363	0.176	ng	#	90
3) n-Nitrosodimethylamine	3.37	42	270	0.183	ng	#	95
6) bis(2-Chloroethyl)ether	6.83	93	1575	0.415	ng		80
9) Naphthalene	10.17	128	19696	0.488	ng		99
10) Hexachlorobutadiene	10.46	225	764	0.410	ng		96
12) 2-Methylnaphthalene	11.79	142	2948	0.468	ng		99
16) Acenaphthylene	13.71	152	3886	0.459	ng		99
17) Acenaphthene	14.06	154	2642	0.466	ng		97
18) Fluorene	15.06	166	3320	0.449	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1073	0.449	ng	#	84
21) Hexachlorobenzene	16.07	284	1162	0.442	ng	#	85
22) Pentachlorophenol	16.44	266	670	0.698	ng	#	76
23) Phenanthrene	16.80	178	6044	0.480	ng		99
24) Anthracene	16.89	178	5198	0.467	ng		96
26) Fluoranthene	18.83	202	7820	0.448	ng		98
28) Pyrene	19.19	202	7971	0.492	ng		99
30) Benzo(a)anthracene	20.96	228	8632	0.482	ng		95
31) Chrysene	21.00	228	9060	0.471	ng		100
32) Bis(2-ethylhexyl)phthalate	20.91	149	12963	0.441	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	15740	0.680	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	10101	0.458	ng	#	89
36) Benzo(k)fluoranthene	22.57	252	11191	0.444	ng		94
37) Benzo(a)pyrene	23.11	252	10359	0.481	ng	#	91
38) Dibenzo(a,h)anthracene	25.51	278	13130	0.568	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	13094	0.582	ng	#	88

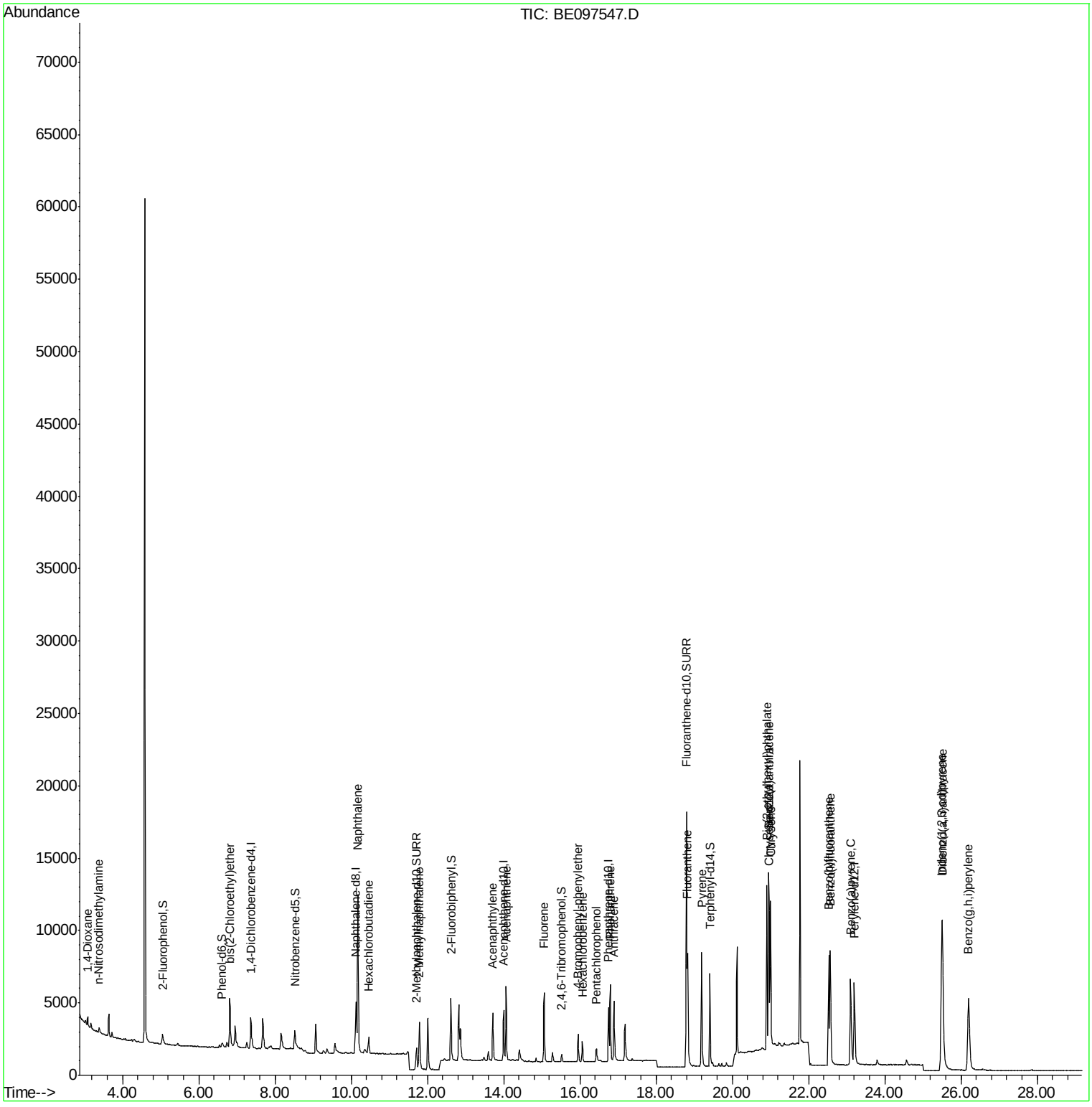
(#) = qualifier out of range (m) = manual integration (+) = signals summed

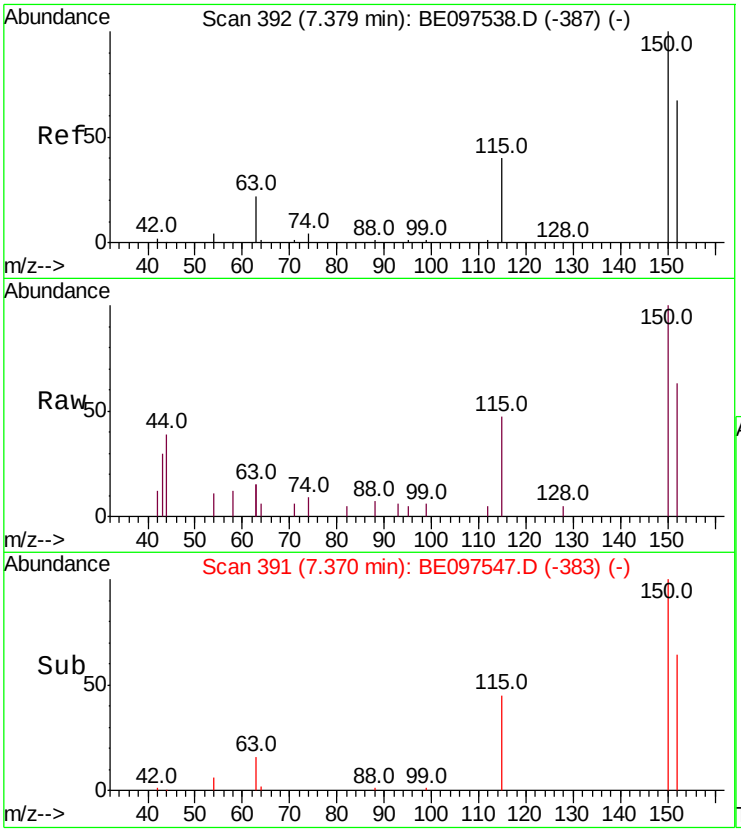
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097547.D
Acq On : 19 Sep 2018 19:24
Operator : SJ/JU
Sample : J4958-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Quant Time: Sep 20 05:09:25 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



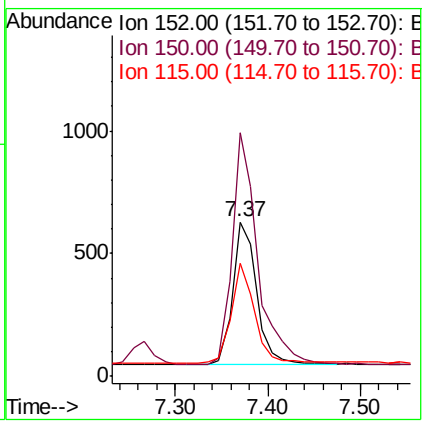


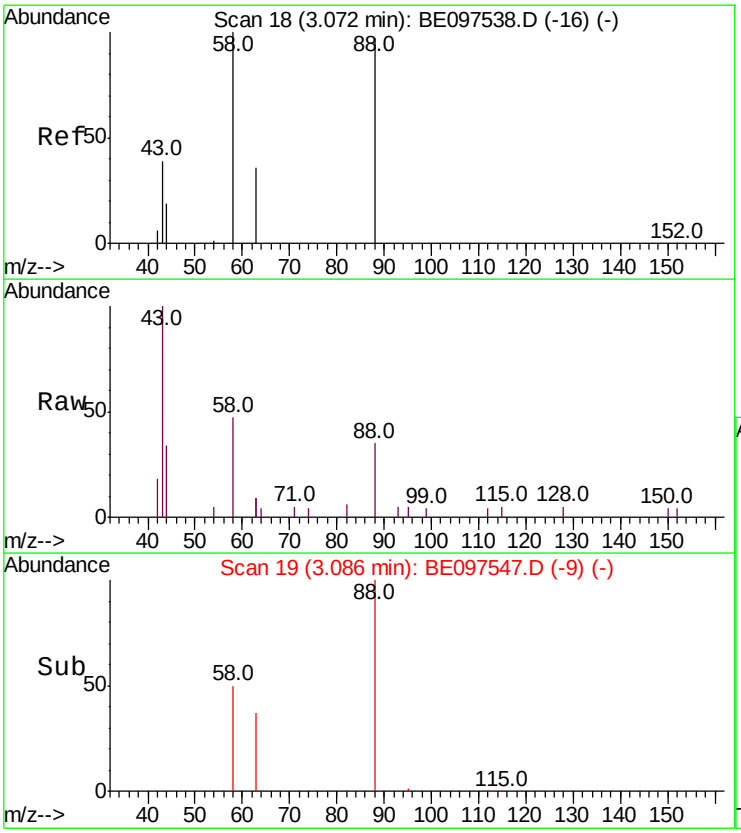
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:152 Resp: 1068

Ion	Ratio	Lower	Upper
152	100		
150	157.7	117.2	175.8
115	73.4	57.0	85.6

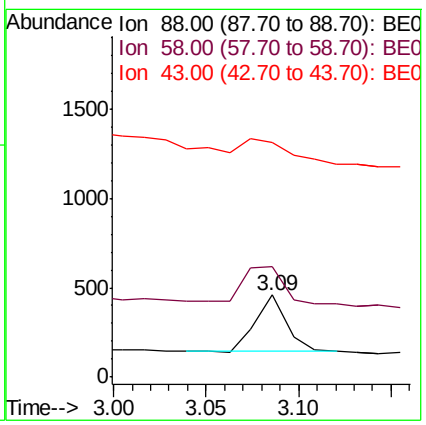


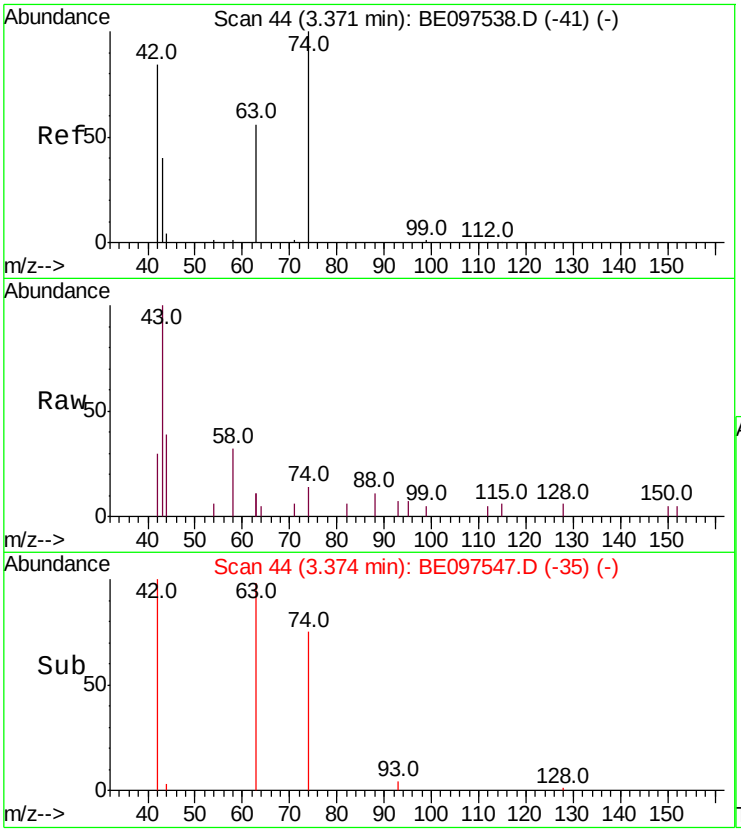


#2
1,4-Dioxane
Concen: 0.176 ng
RT: 3.09 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion: 88 Resp: 363

Ion	Ratio	Lower	Upper
88	100		
58	84.6	63.2	94.8
43	63.1	41.2	61.8#



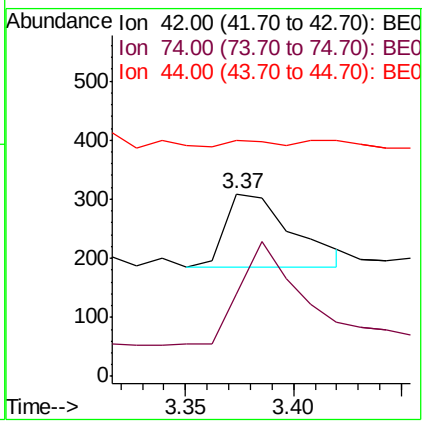


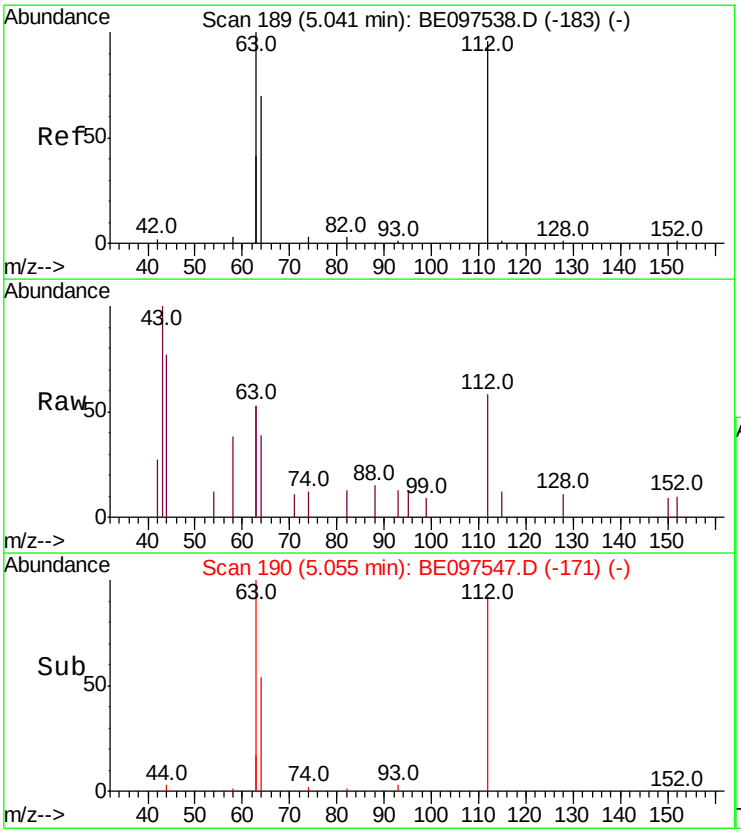
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 42 Resp: 270

Ion	Ratio	Lower	Upper
42	100		
74	123.0	96.0	144.0
44	5.2	12.0	18.0#

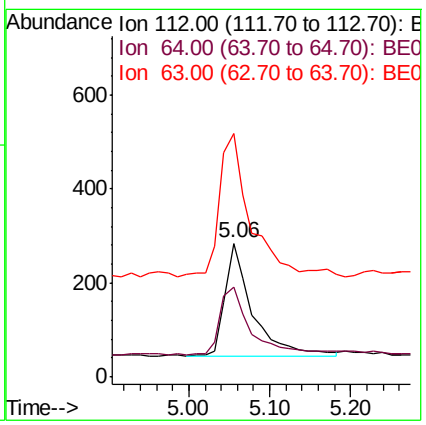


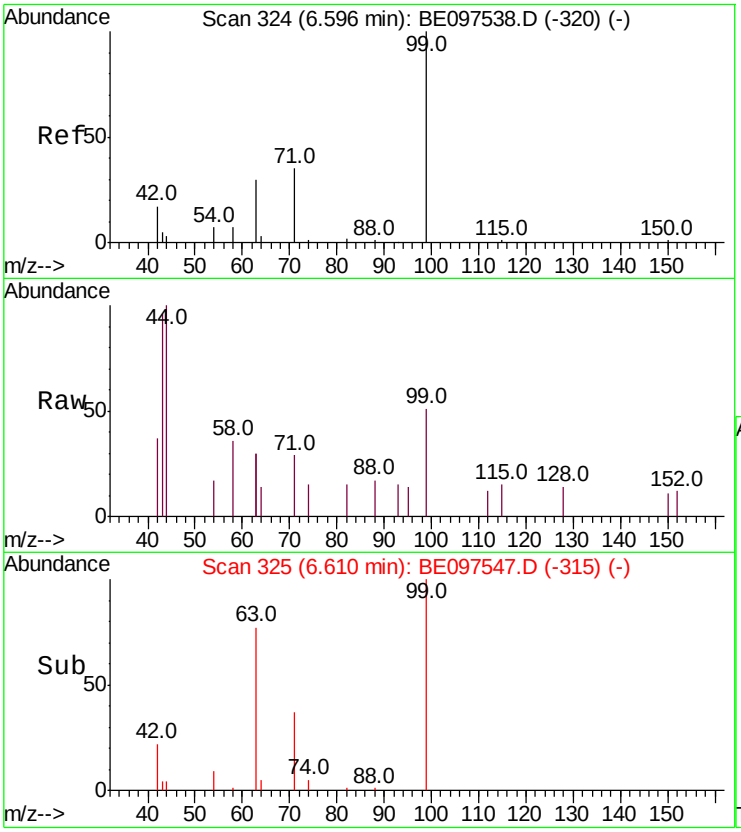


#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.06 min Scan# 190
Delta R.T. 0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:112 Resp: 560

Ion	Ratio	Lower	Upper
112	100		
64	68.8	60.1	90.1
63	144.3	116.8	175.2



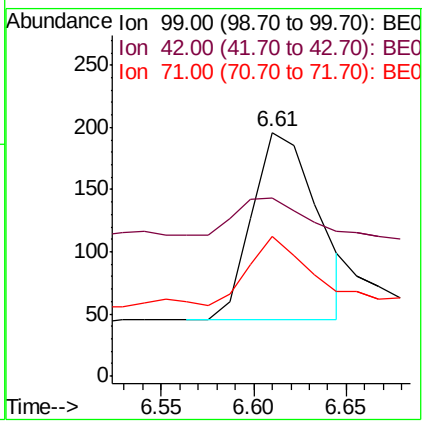


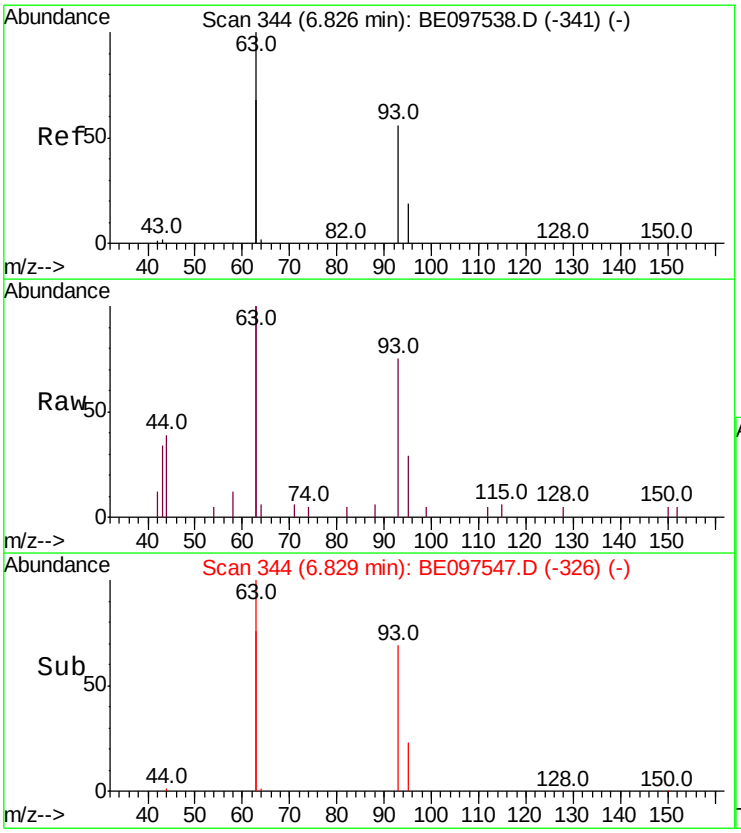
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion: 99 Resp: 366

Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.2	30.2
71	32.8	28.4	42.6

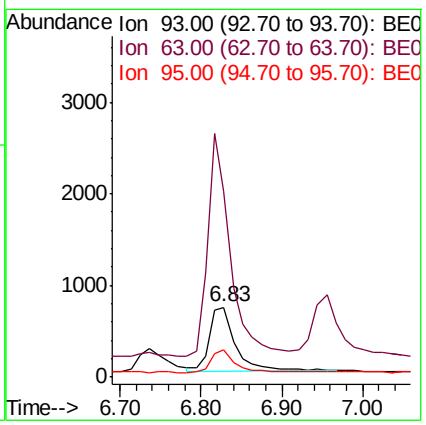


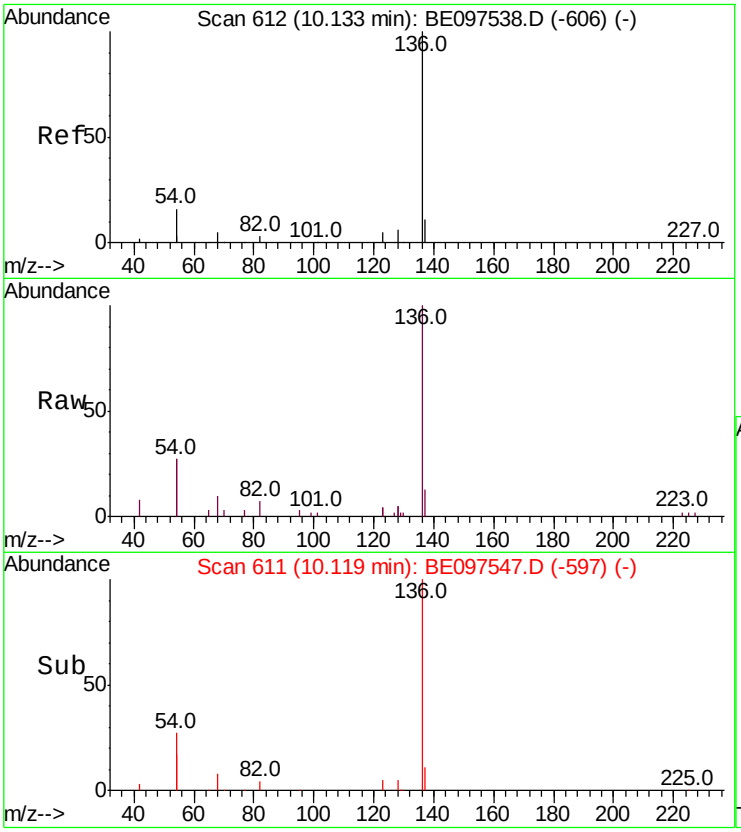


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion: 93 Resp: 1575

Ion	Ratio	Lower	Upper
93	100		
63	297.4	275.3	412.9
95	31.6	25.2	37.8



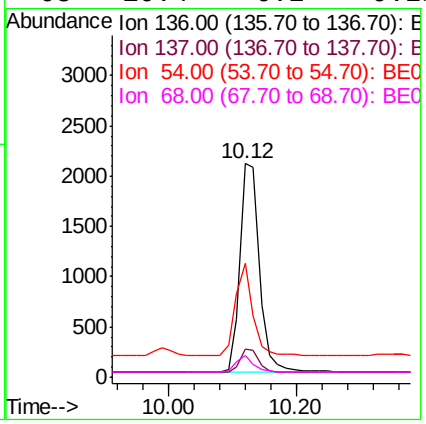


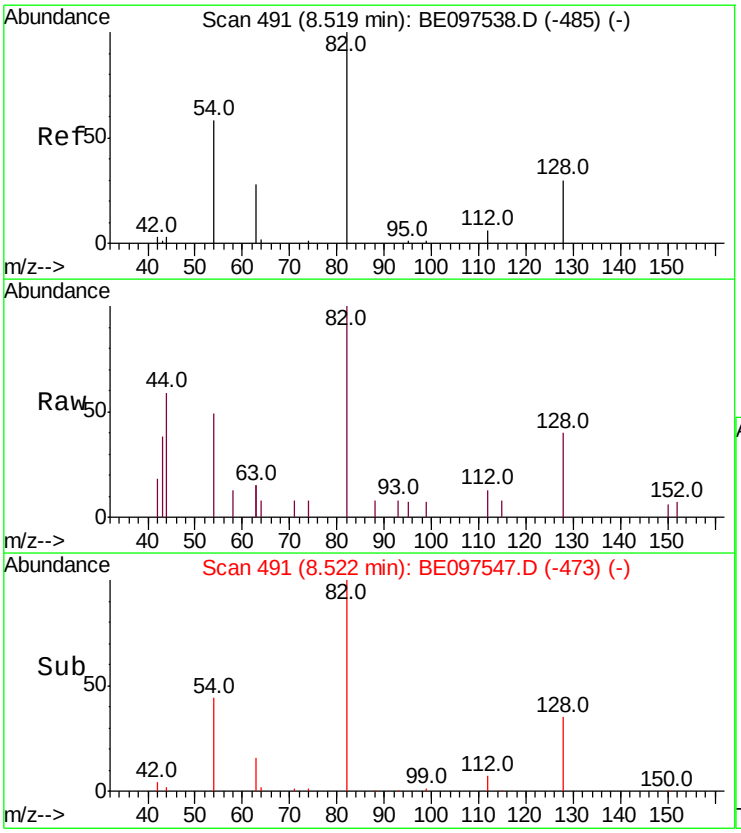
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:136 Resp: 4485

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	53.6	29.1	43.7#
68	10.4	6.2	9.2#

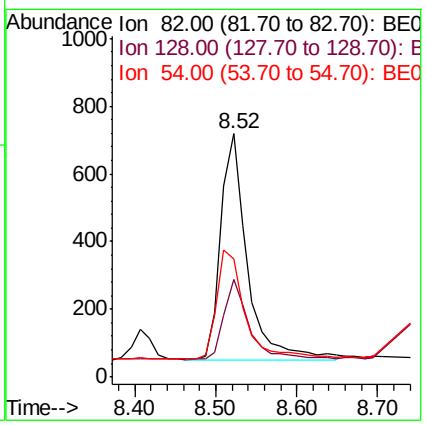


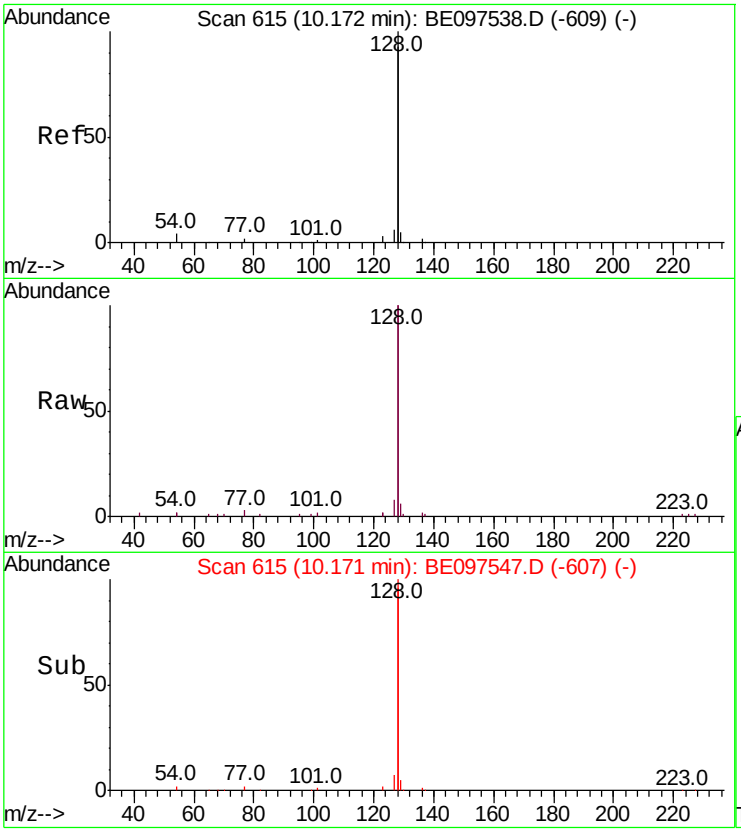


#8
Nitrobenzene-d5
Concen: 0.438 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion: 82 Resp: 1519

Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.0	36.0#
54	48.7	40.0	60.0



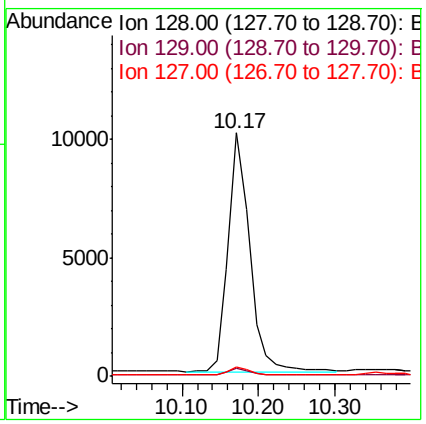


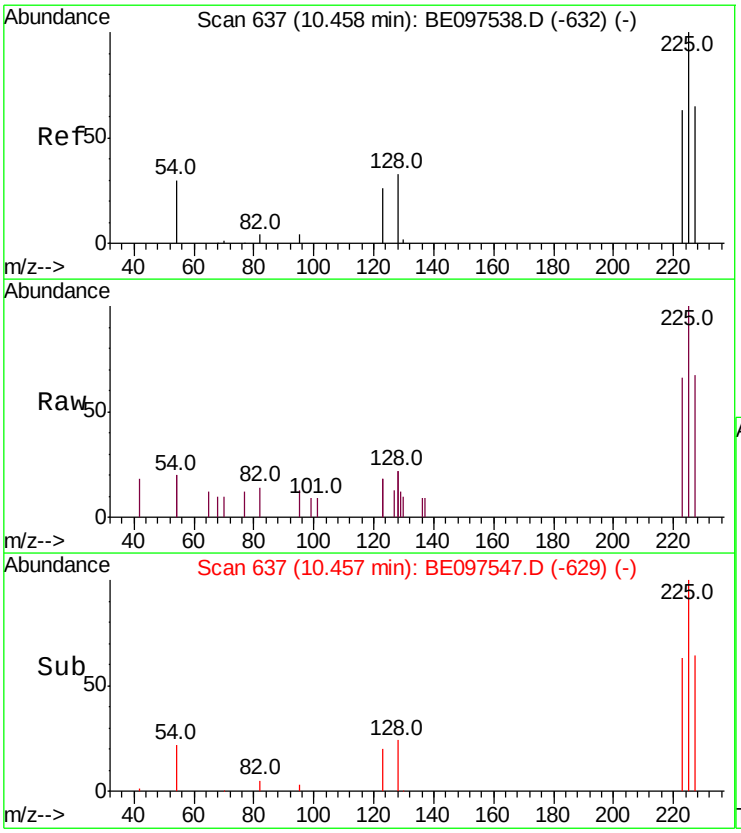
#9
Naphthalene
Concen: 0.488 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:128 Resp: 19696

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.8	2.8	4.2

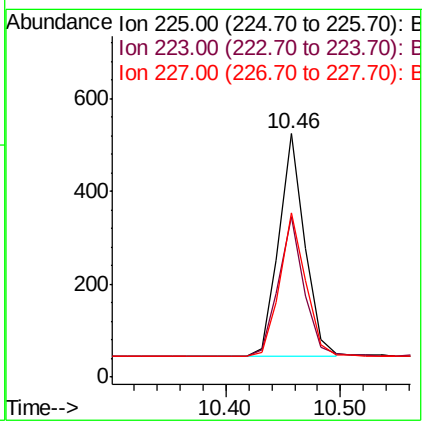


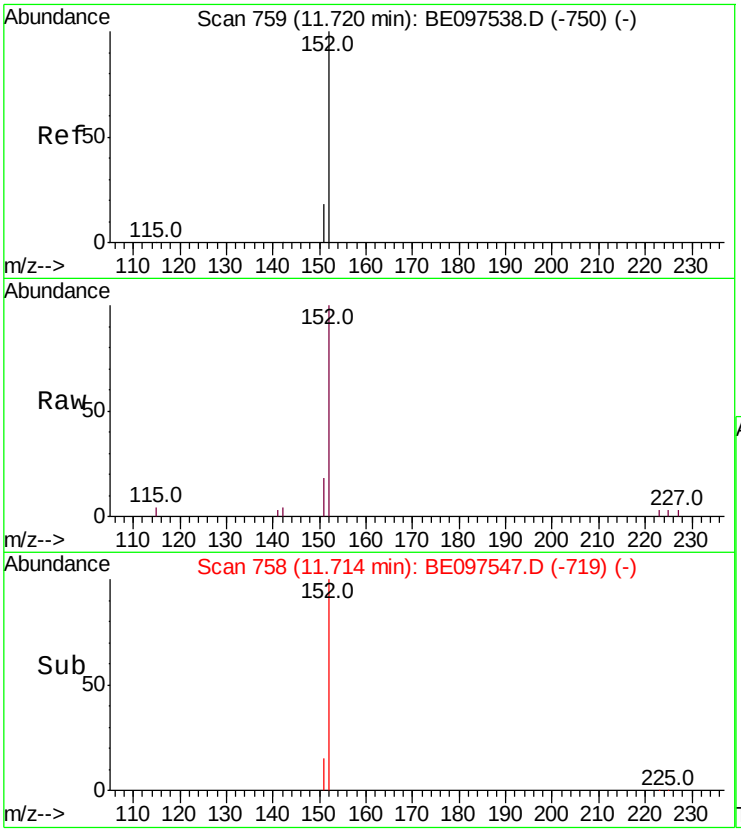


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:225 Resp: 764

Ion	Ratio	Lower	Upper
225	100		
223	60.9	53.0	79.6
227	64.5	51.4	77.2



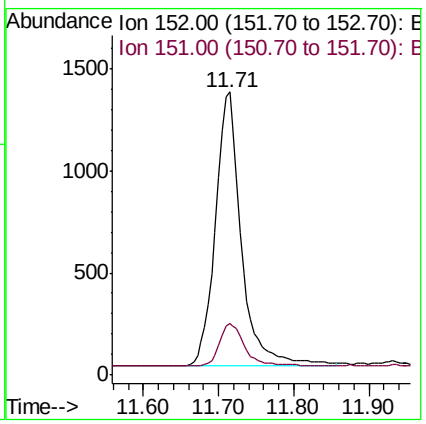


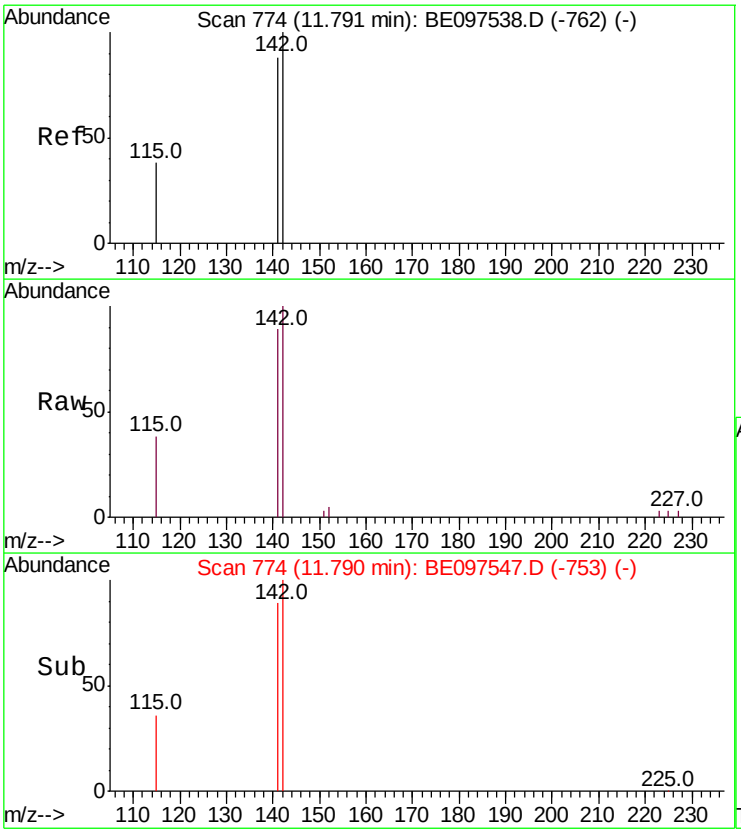
#11
2-Methylnaphthalene-d10
Concen: 0.515 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:152 Resp: 3186

Ion	Ratio	Lower	Upper
152	100		
151	14.4	15.4	23.0#

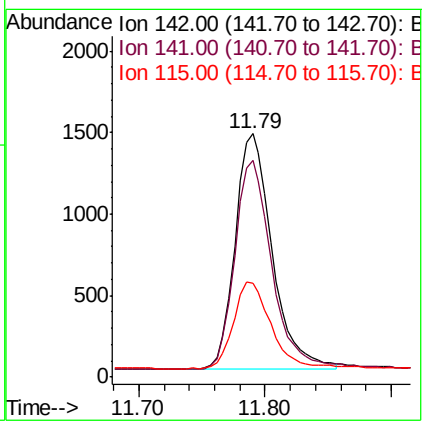


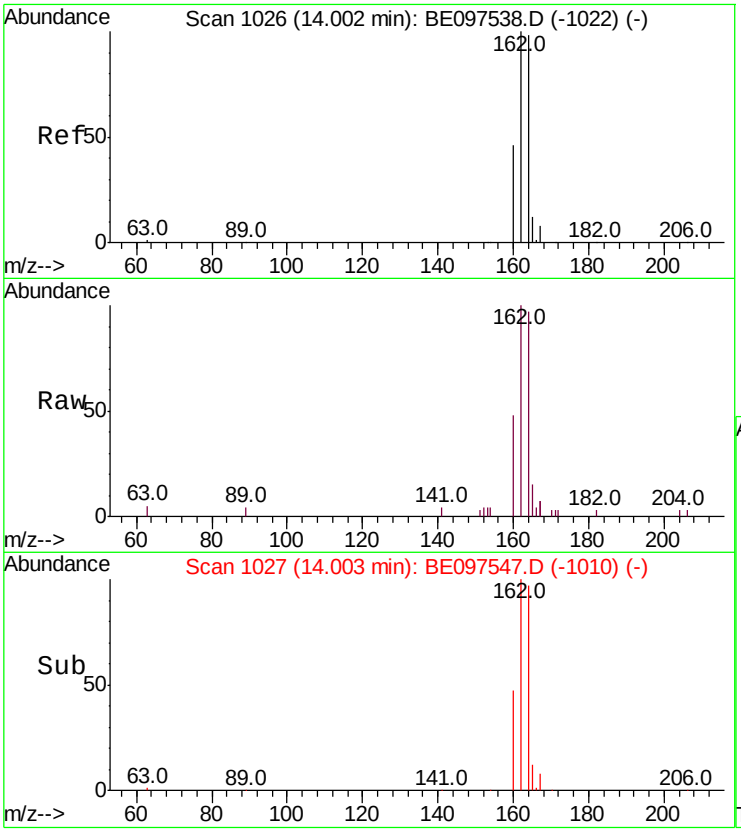


#12
2-Methylnaphthalene
Concen: 0.468 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:142 Resp: 2948

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	38.5	31.7	47.5



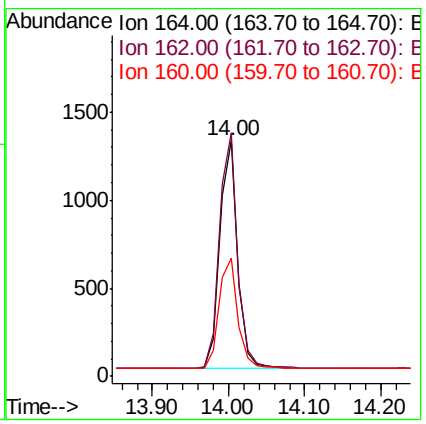


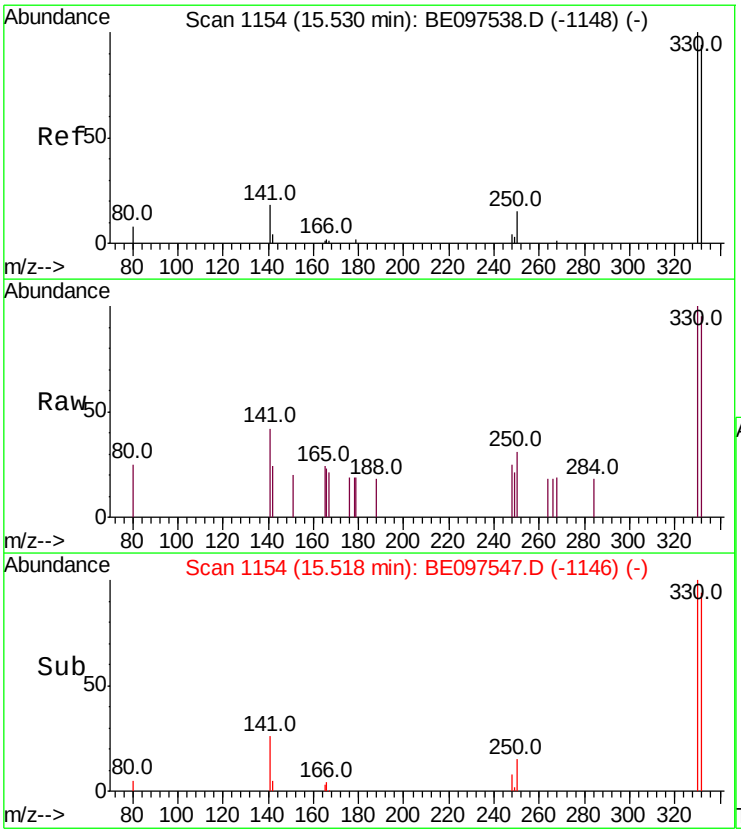
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:164 Resp: 2140

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	50.0	37.1	55.7

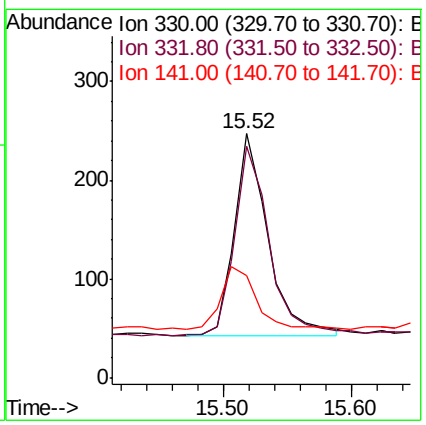


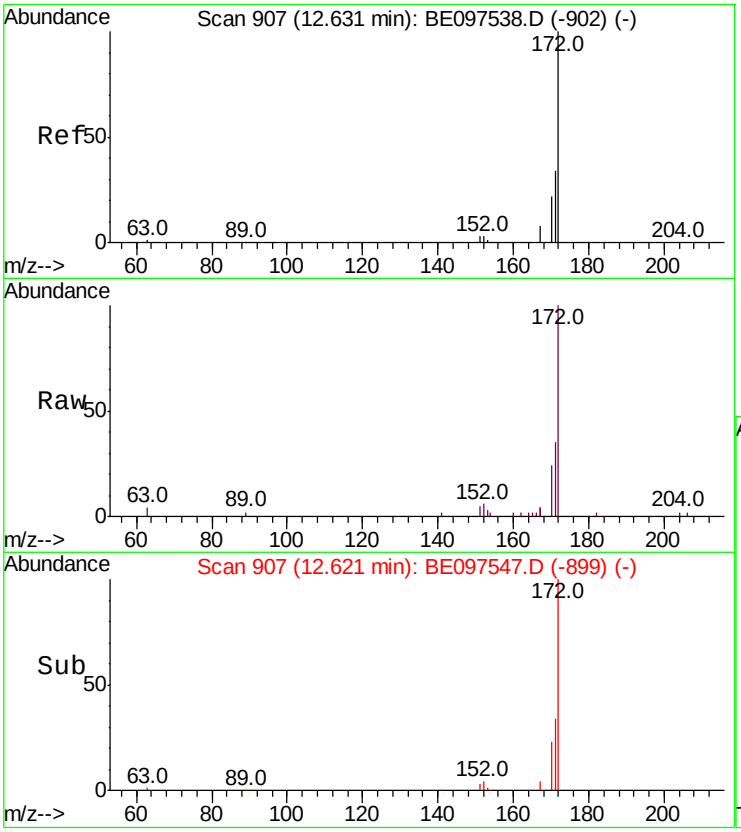


#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	33.1	33.7	50.5#



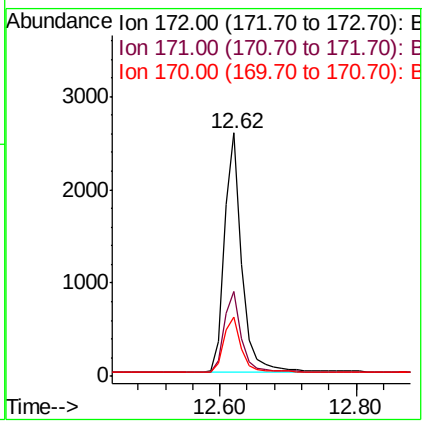


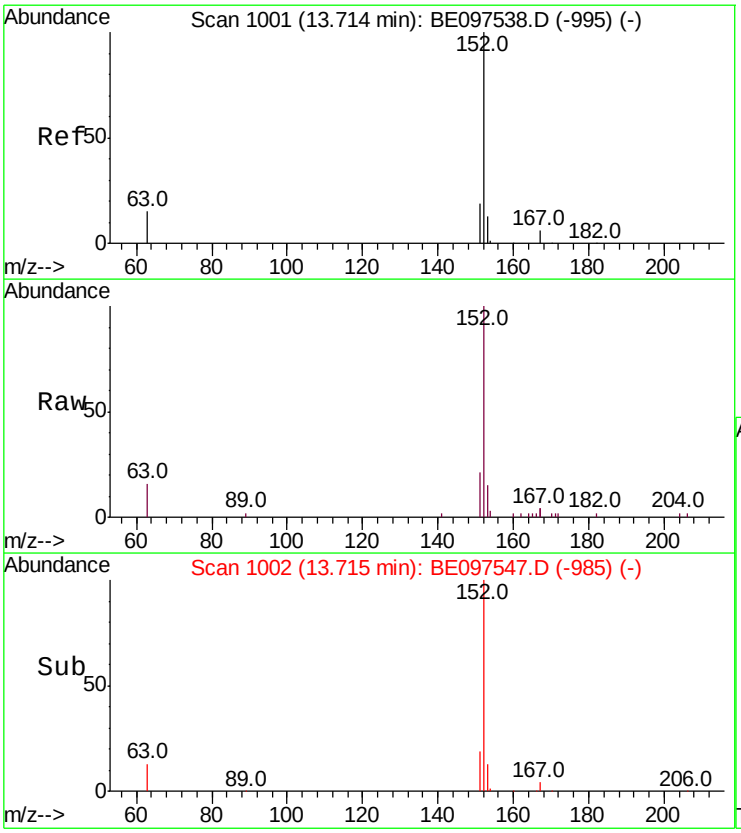
#15
2-Fluorobiphenyl
Concen: 0.604 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:172 Resp: 4564

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	24.2	21.8	32.8

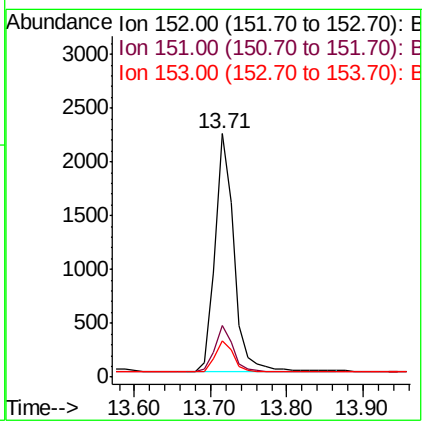


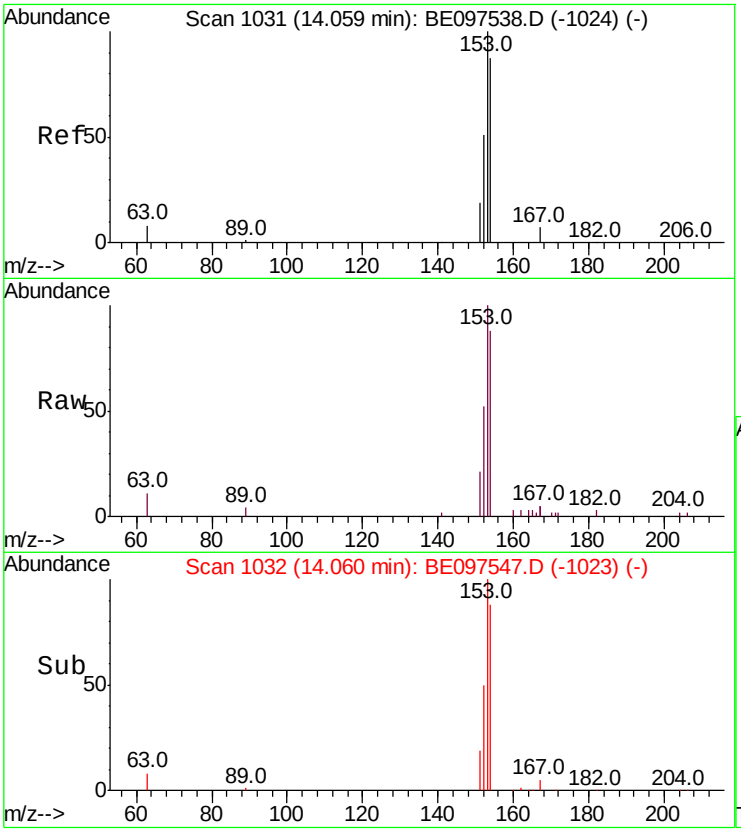


#16
Acenaphthylene
Concen: 0.459 ng
RT: 13.71 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:152 Resp: 3886

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.3	10.5	15.7



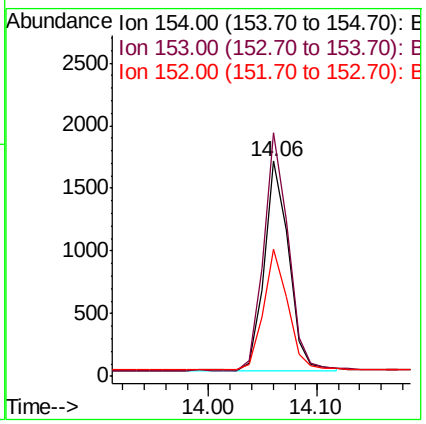


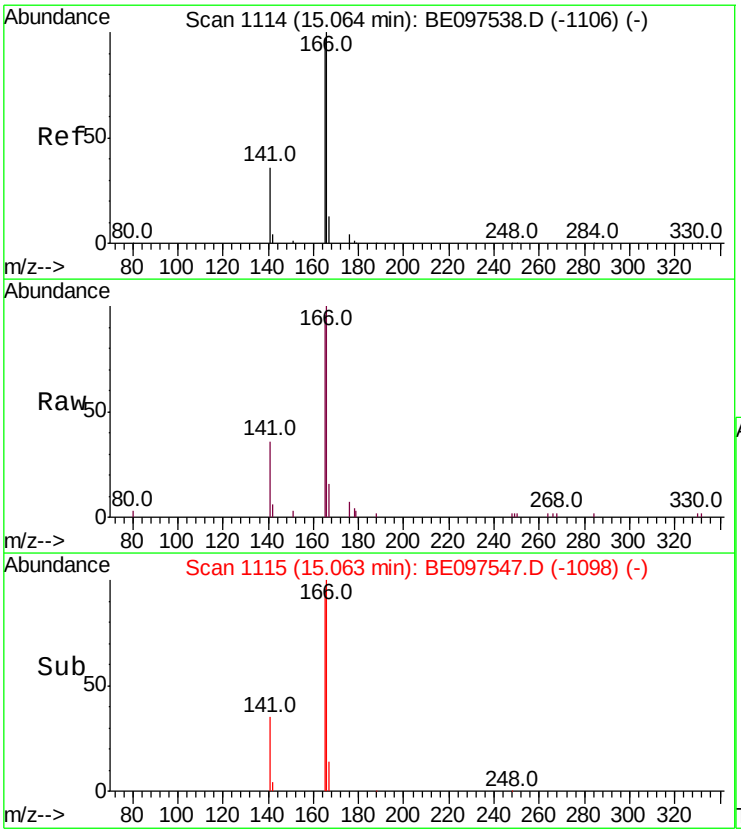
#17
Acenaphthene
Concen: 0.466 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:154 Resp: 2642

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	56.9	42.0	63.0

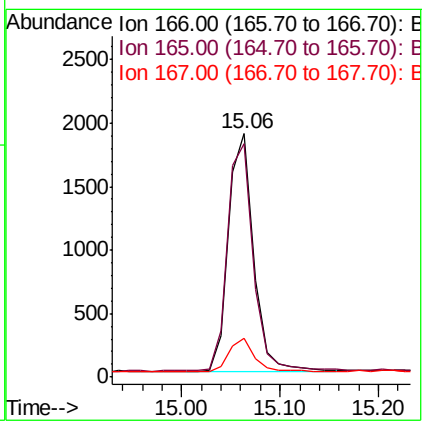


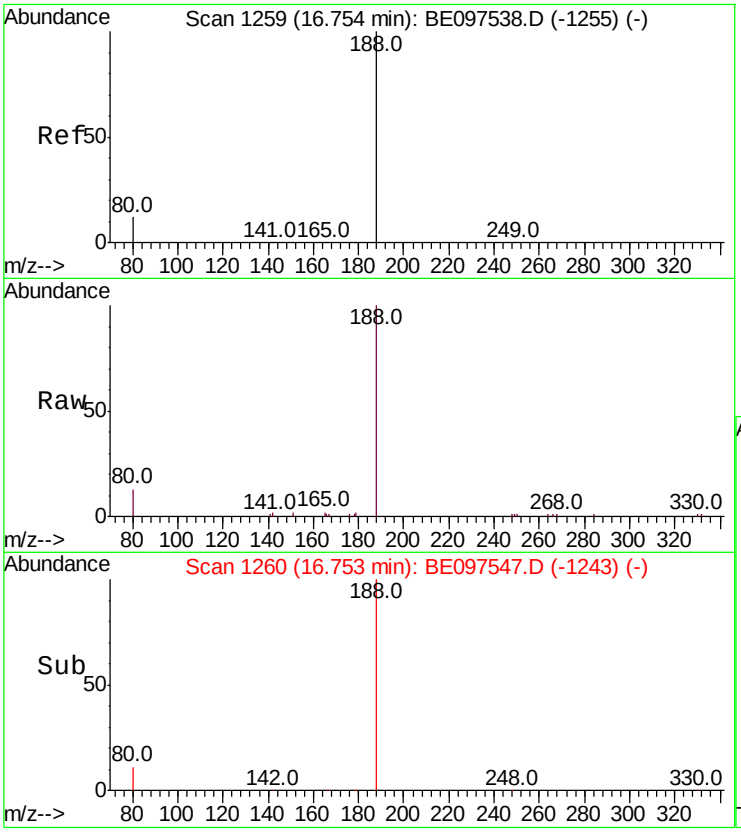


#18
Fluorene
Concen: 0.449 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:166 Resp: 3320

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.6
167	13.8	42.4	63.6#



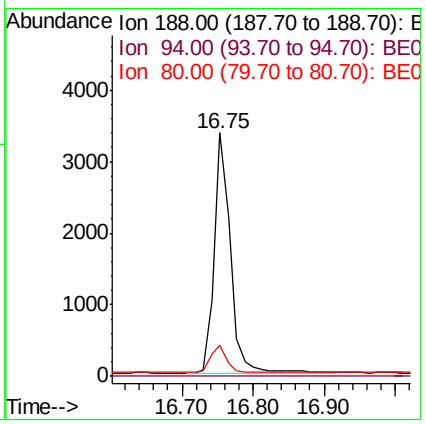


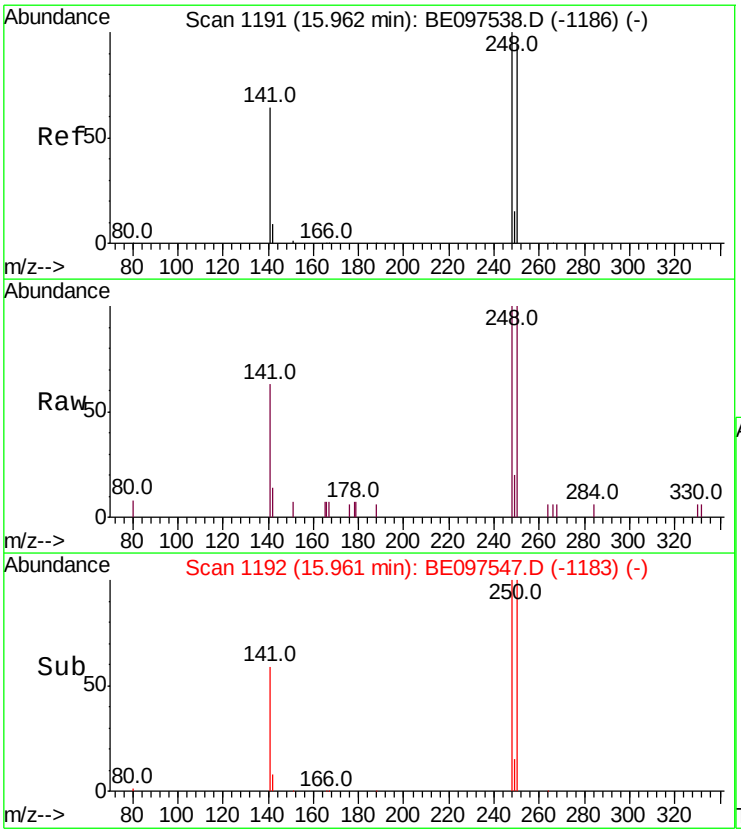
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:188 Resp: 5303

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.7	3.6	5.4#

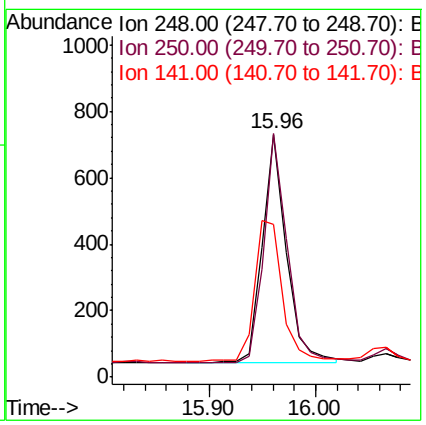


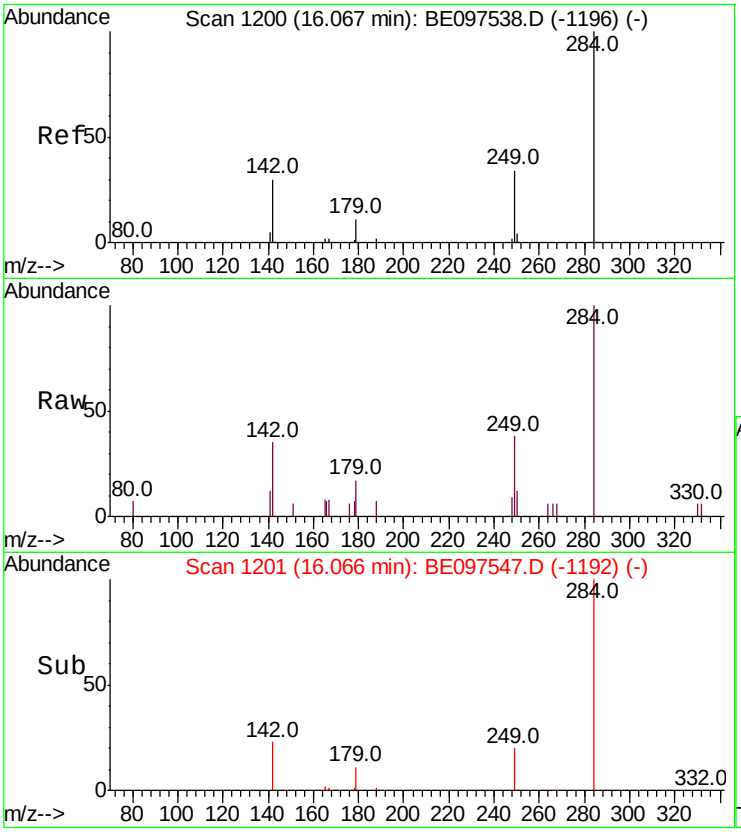


#20
4-Bromophenyl-phenylether
Concen: 0.449 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:248 Resp: 1073

Ion	Ratio	Lower	Upper
248	100		
250	100.3	62.7	94.1#
141	62.8	48.2	72.2



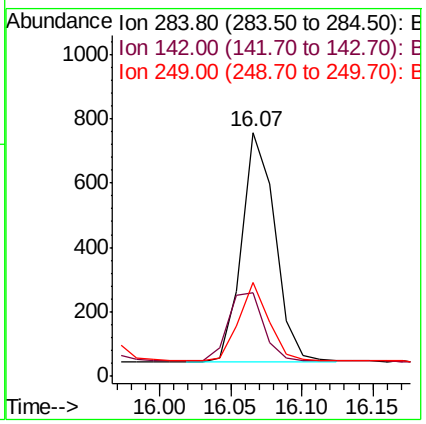


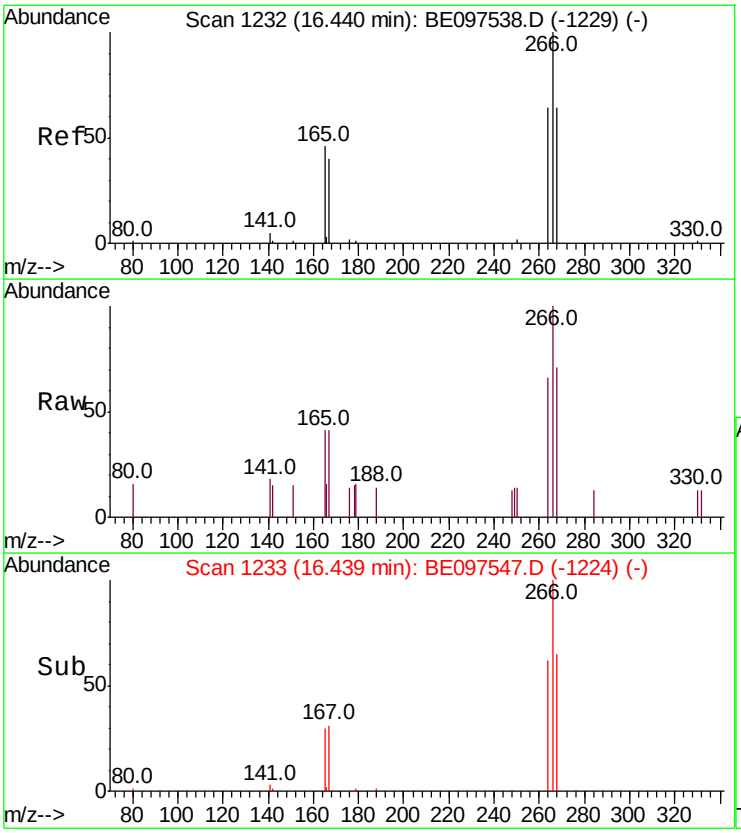
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:284 Resp: 1162

Ion	Ratio	Lower	Upper
284	100		
142	31.5	22.1	33.1
249	30.7	34.8	52.2#

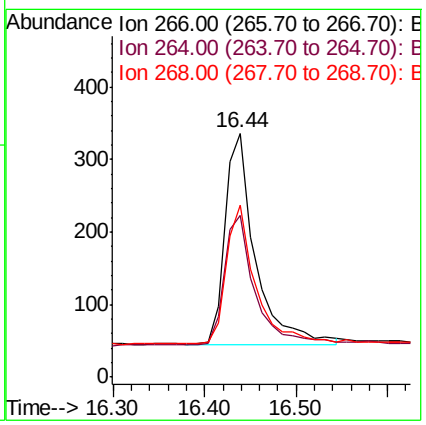


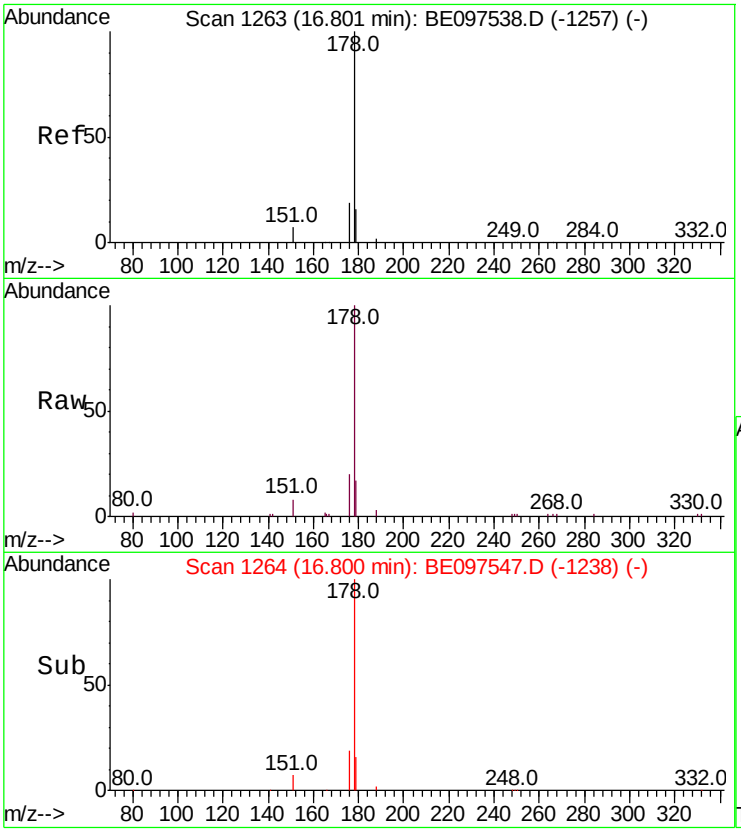


#22
Pentachlorophenol
Concen: 0.698 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:266 Resp: 670

Ion	Ratio	Lower	Upper
266	100		
264	66.4	72.5	108.7#
268	70.5	73.8	110.6#



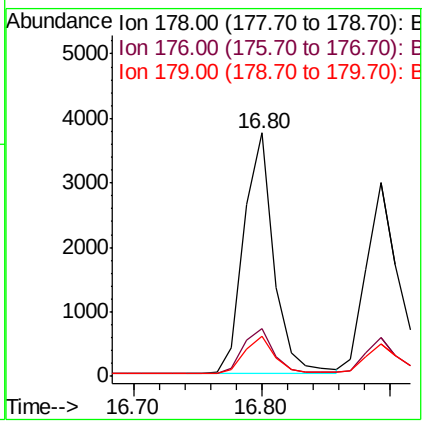


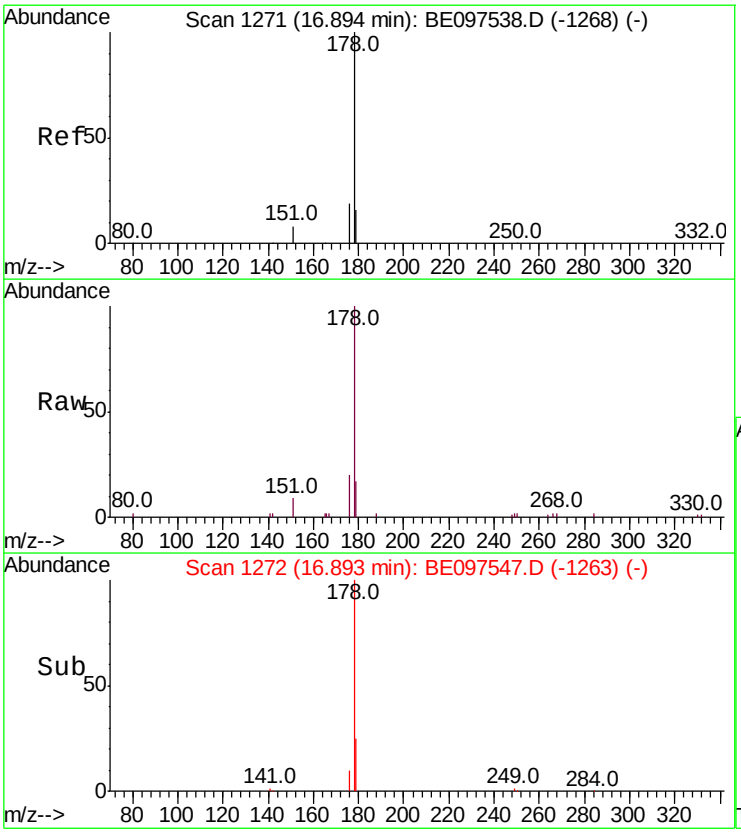
#23
Phenanthrene
Concen: 0.480 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:178 Resp: 6044

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

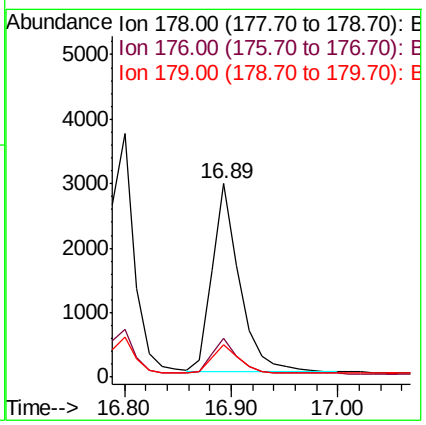


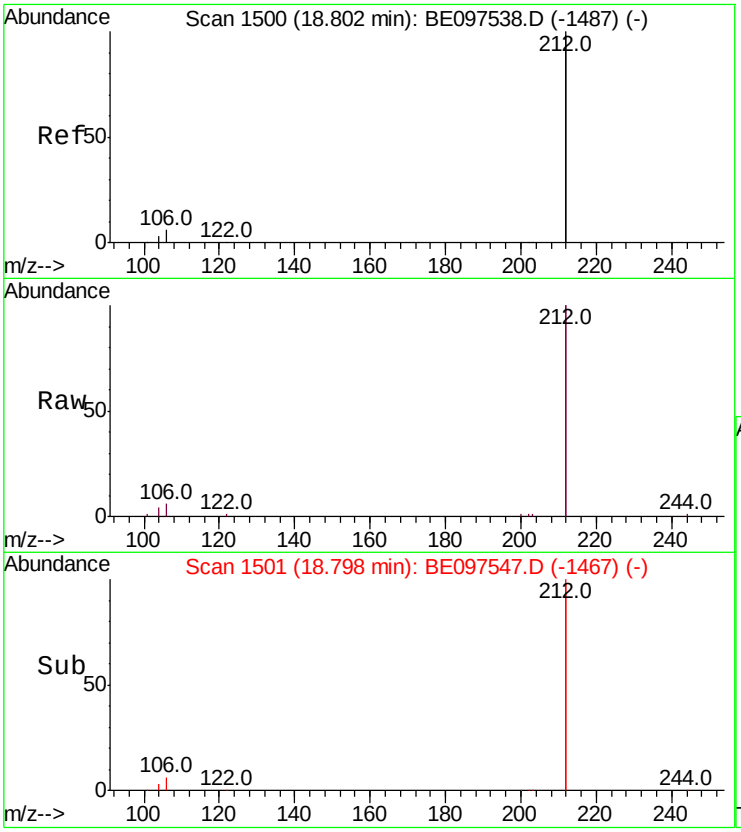


#24
Anthracene
Concen: 0.467 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:178 Resp: 5198

Ion	Ratio	Lower	Upper
178	100		
176	18.2	12.8	19.2
179	15.4	13.0	19.6



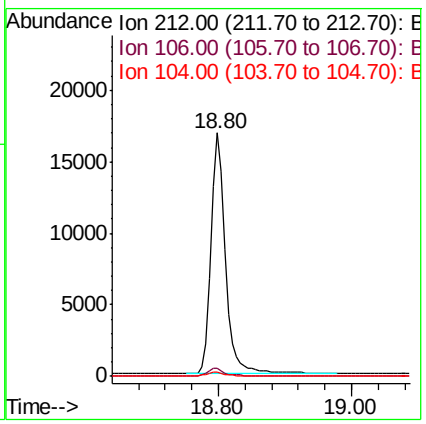


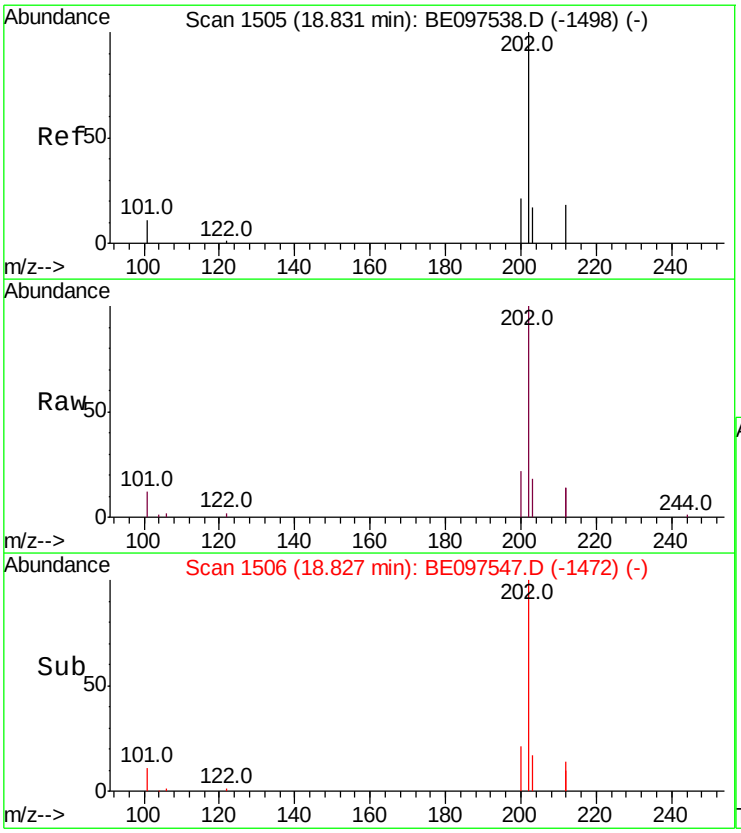
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:212 Resp: 25438

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

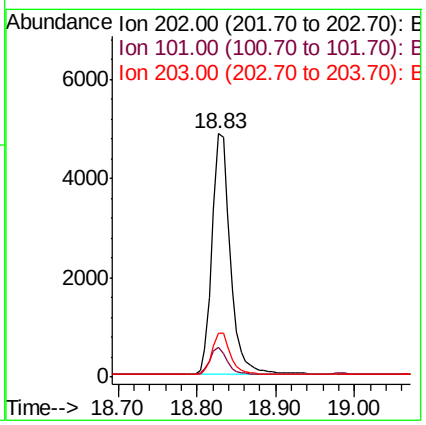


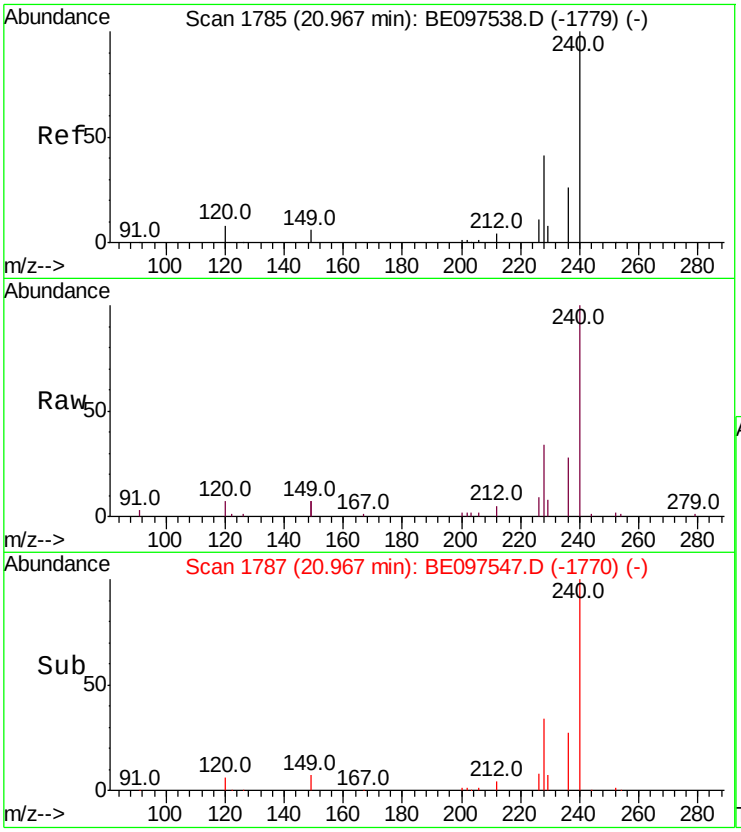


#26
Fluoranthene
Concen: 0.448 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:202 Resp: 7820

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	16.9	13.7	20.5



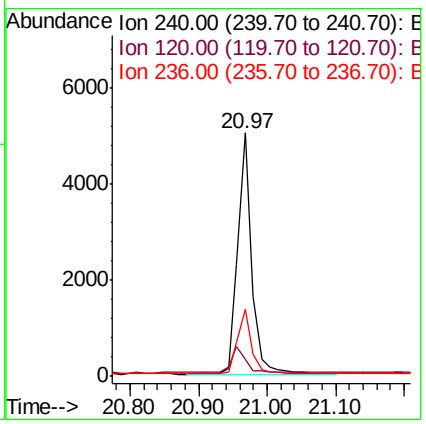


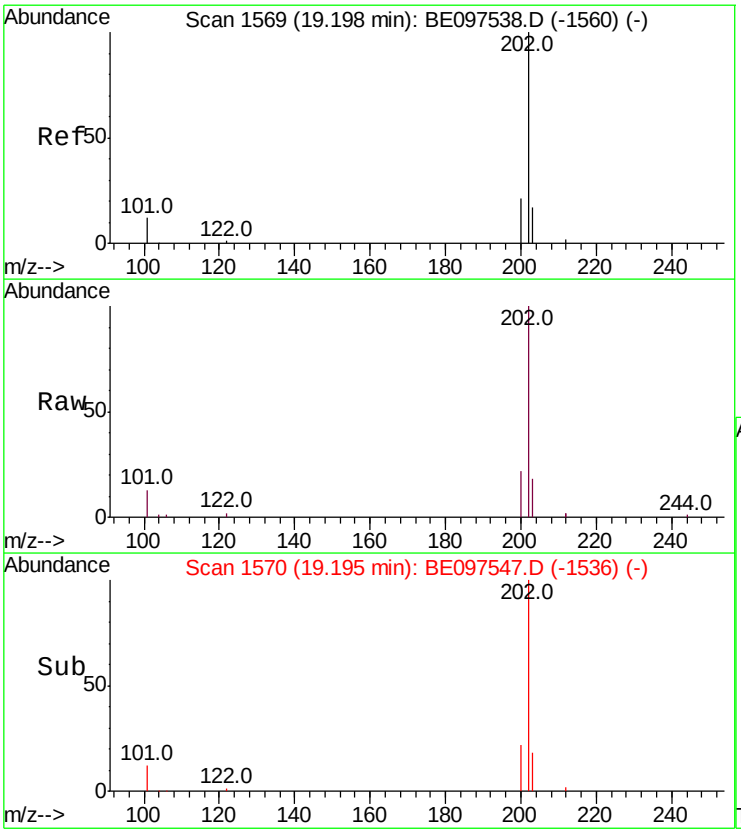
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:240 Resp: 7118

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.5	8.3
236	27.7	20.7	31.1

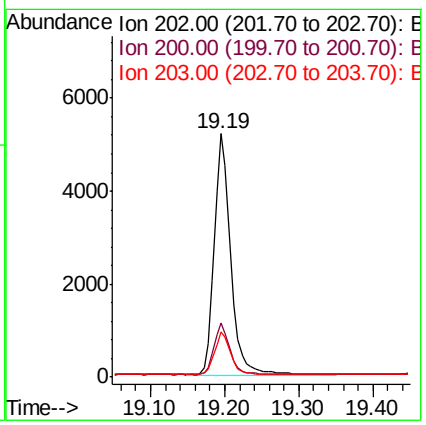


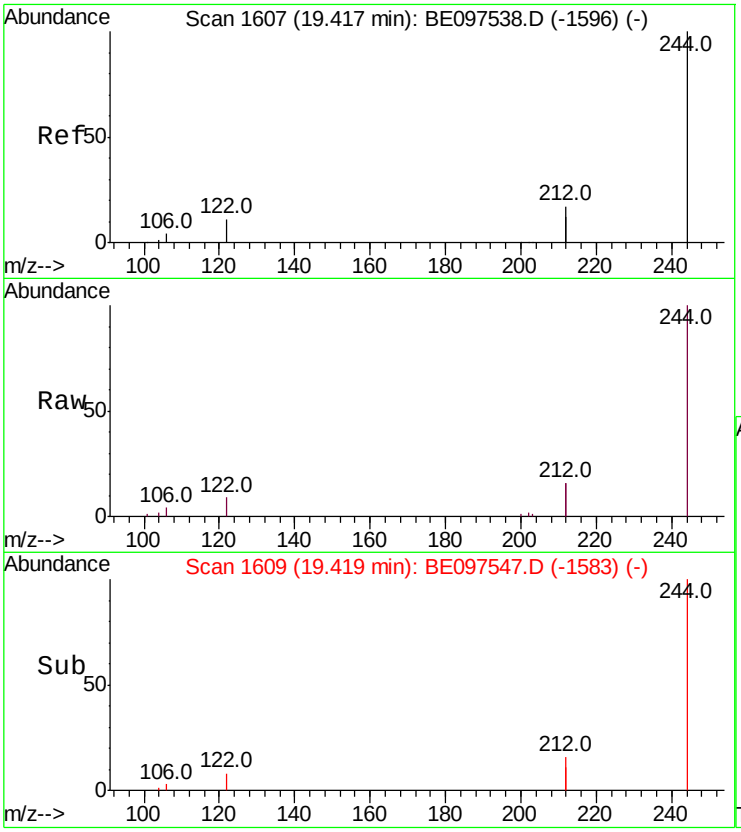


#28
Pyrene
Concen: 0.492 ng
RT: 19.19 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:202 Resp: 7971

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.7	13.8	20.8



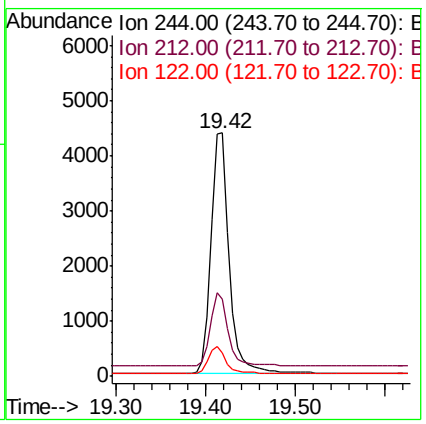


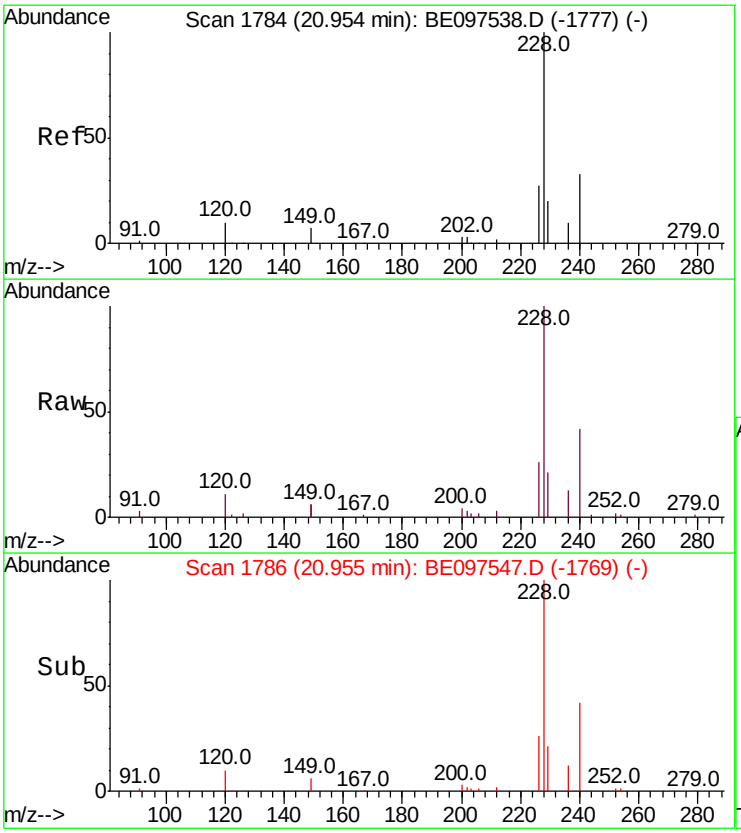
#29
Terphenyl-d14
Concen: 0.477 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:244 Resp: 6208

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	9.4	8.1	12.1

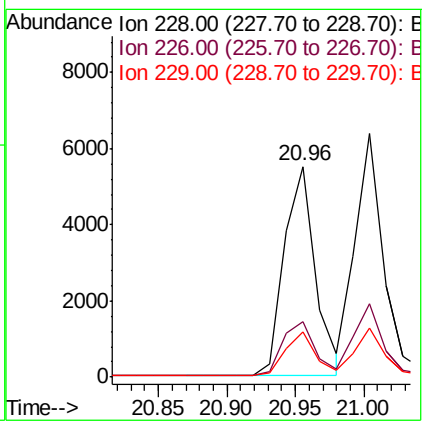


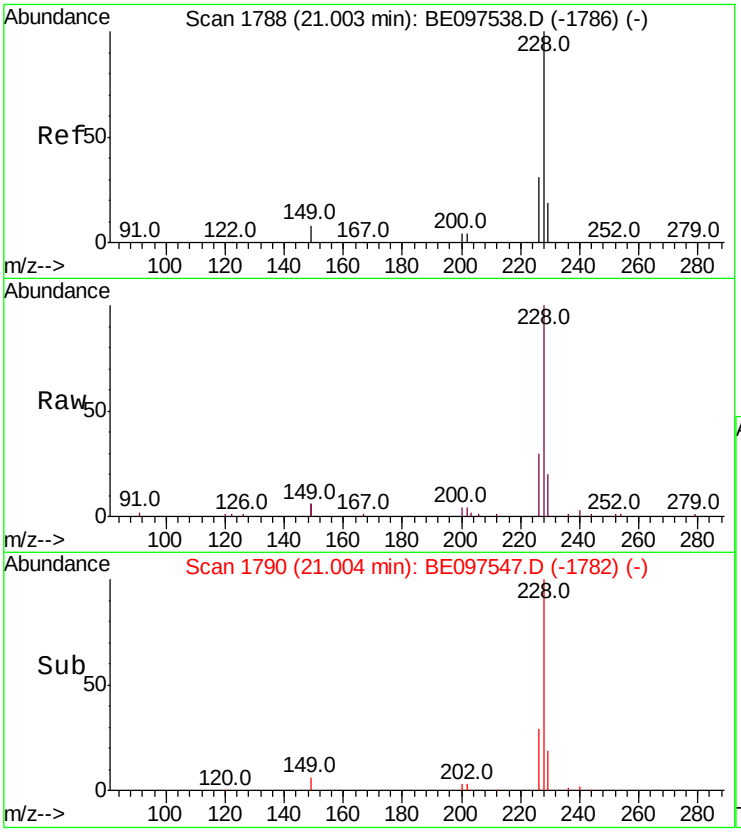


#30
Benzo(a)anthracene
Concen: 0.482 ng
RT: 20.96 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:228 Resp: 8632

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	21.4	16.0	24.0



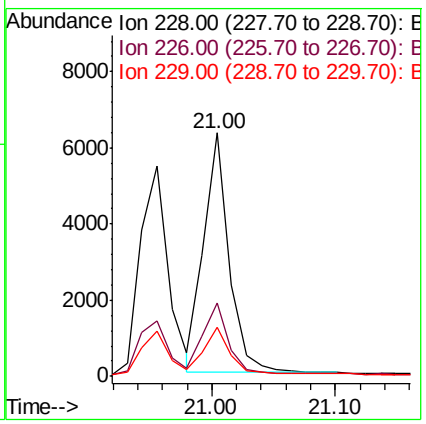


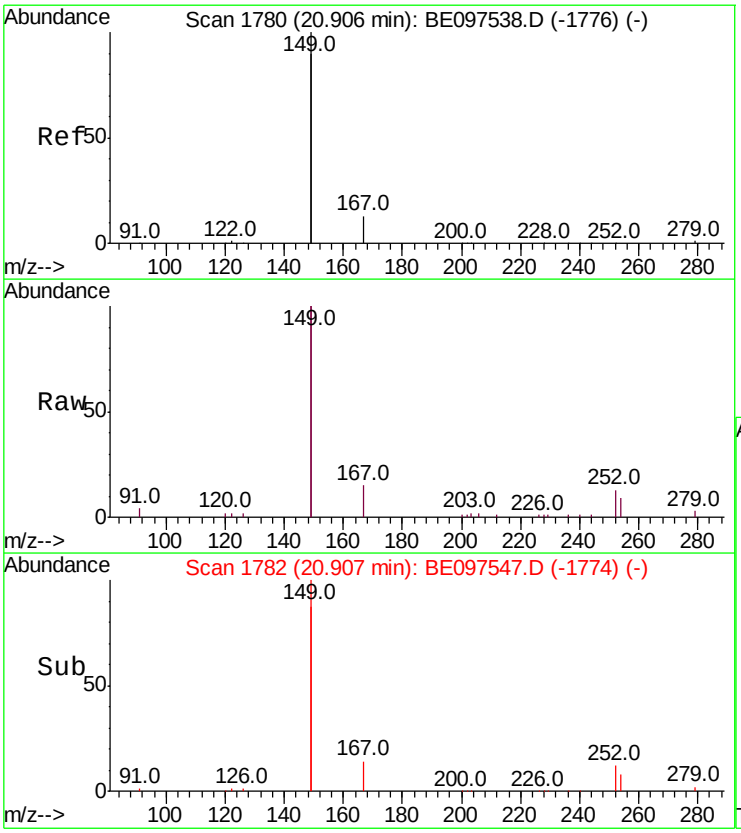
#31
Chrysene
Concen: 0.471 ng
RT: 21.00 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:228 Resp: 9060

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.0	16.0	24.0

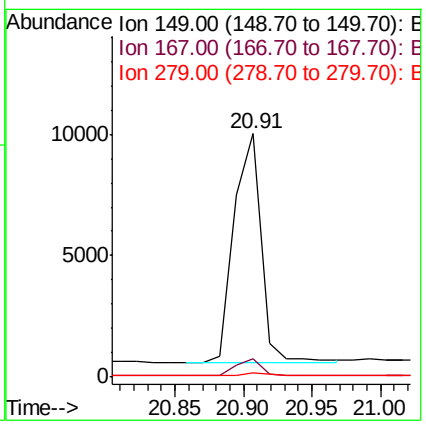


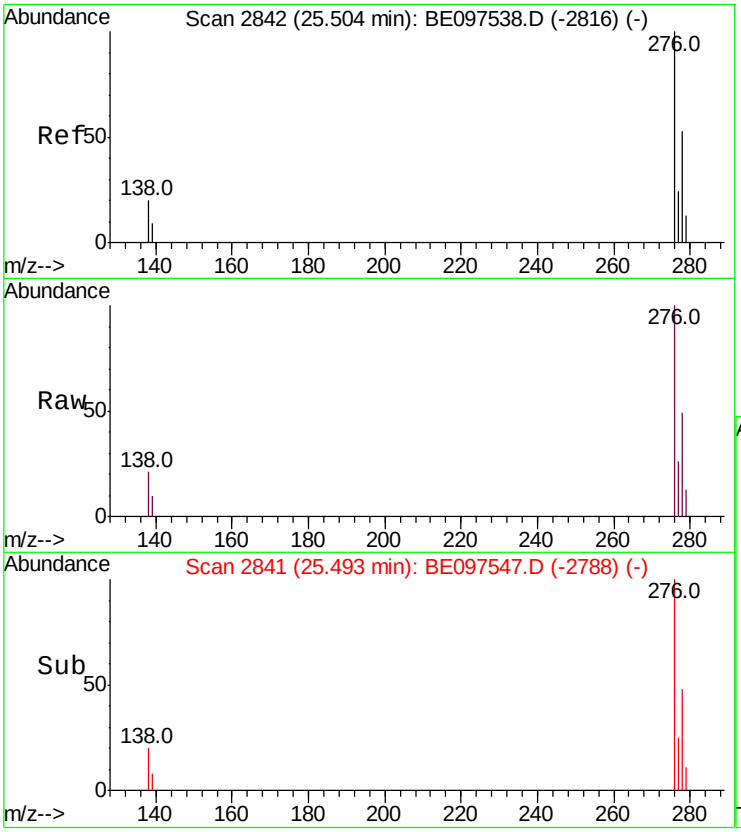


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 20.91 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:149 Resp: 12963

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



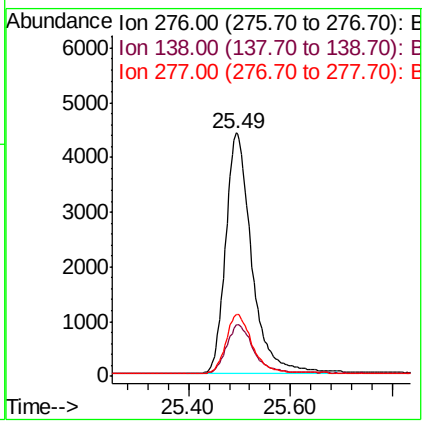


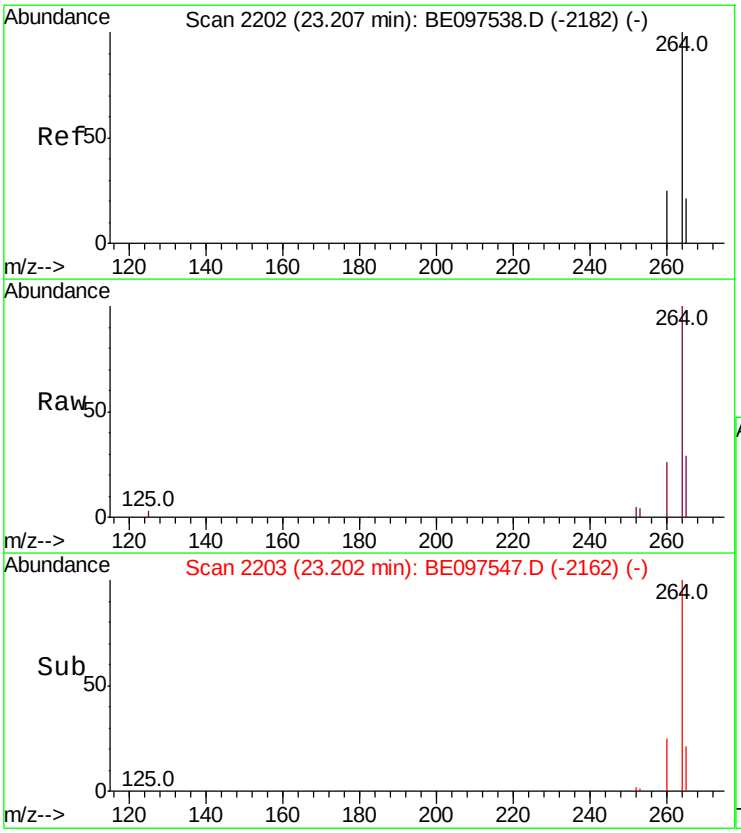
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.680 ng
RT: 25.49 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:276 Resp: 15740

Ion	Ratio	Lower	Upper
276	100		
138	20.7	22.5	33.7#
277	24.8	19.9	29.9

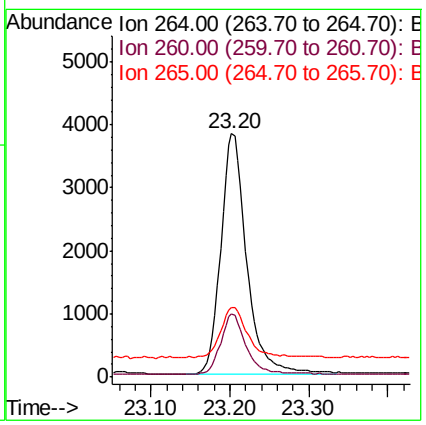


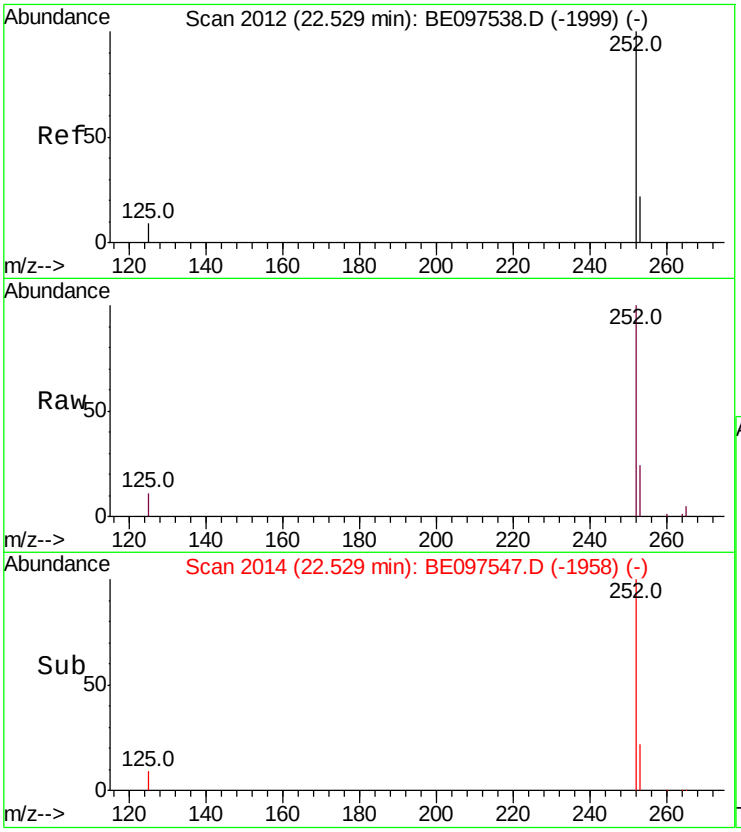


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:264 Resp: 8603

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	28.7	22.8	34.2



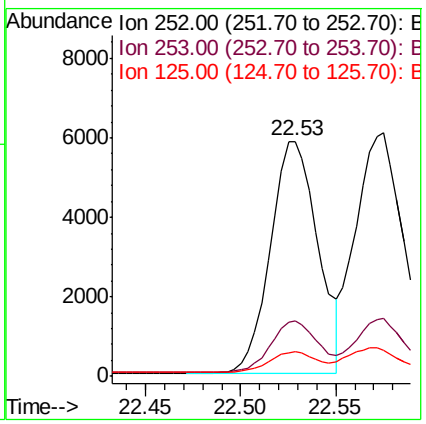


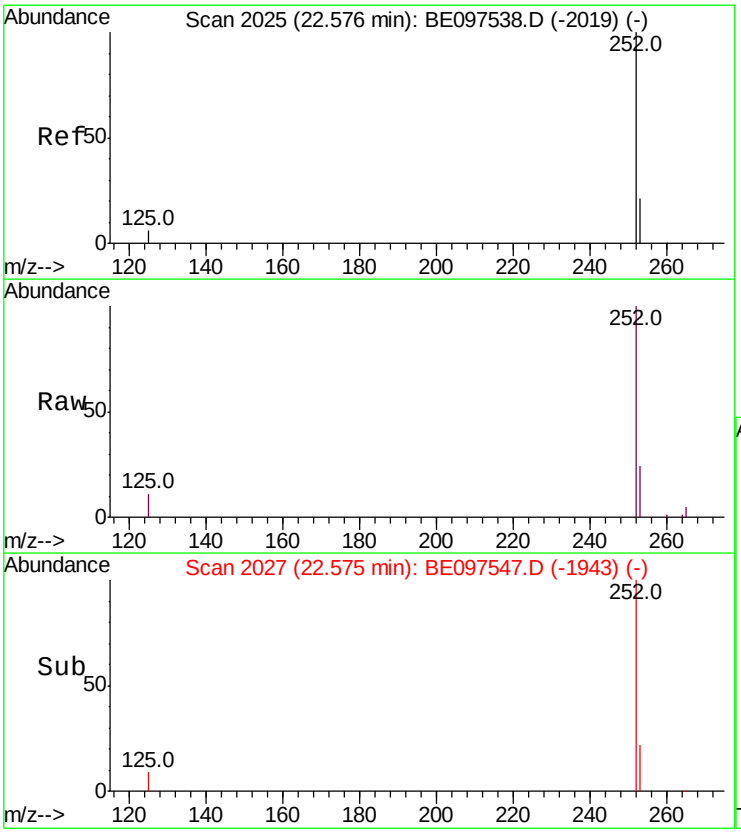
#35
Benzo(b)fluoranthene
Concen: 0.458 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:252 Resp: 10101

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	10.6	16.0	24.0#

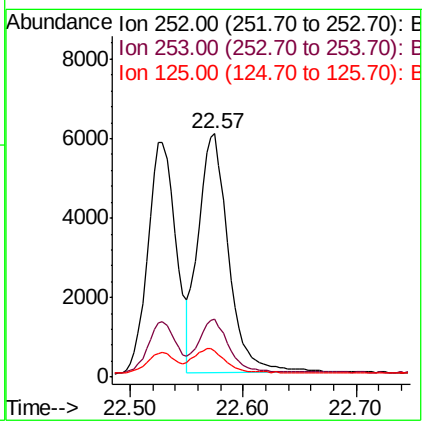


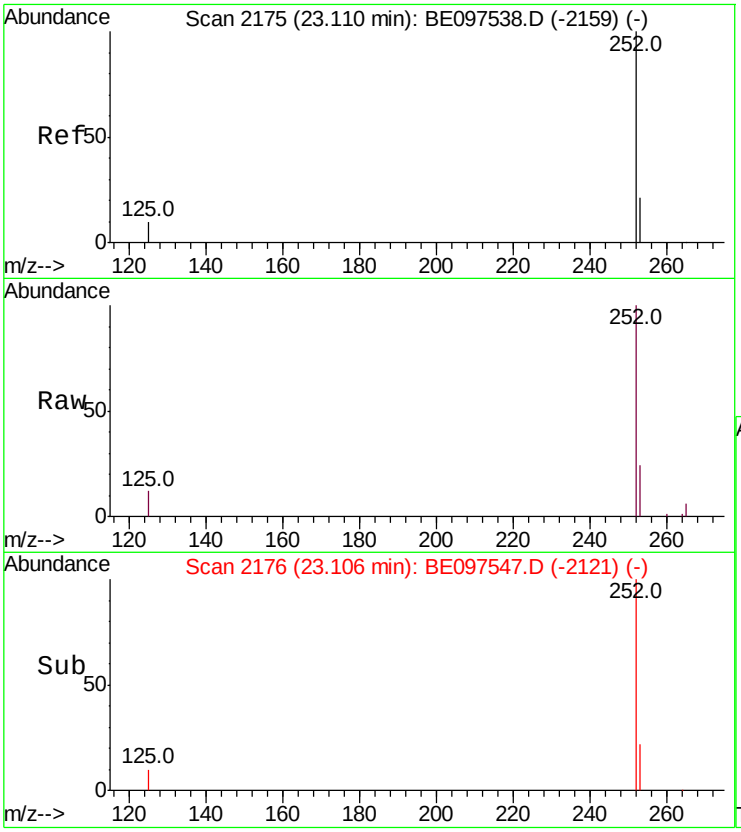


#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.57 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:252 Resp: 11191

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	10.7	8.0	12.0



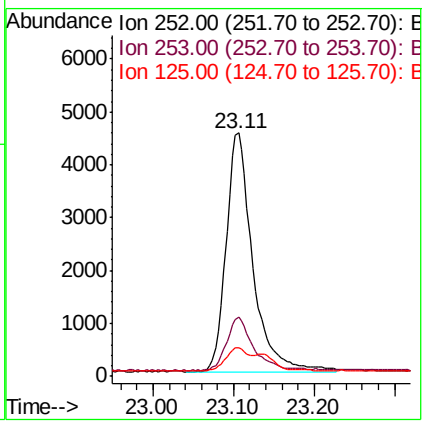


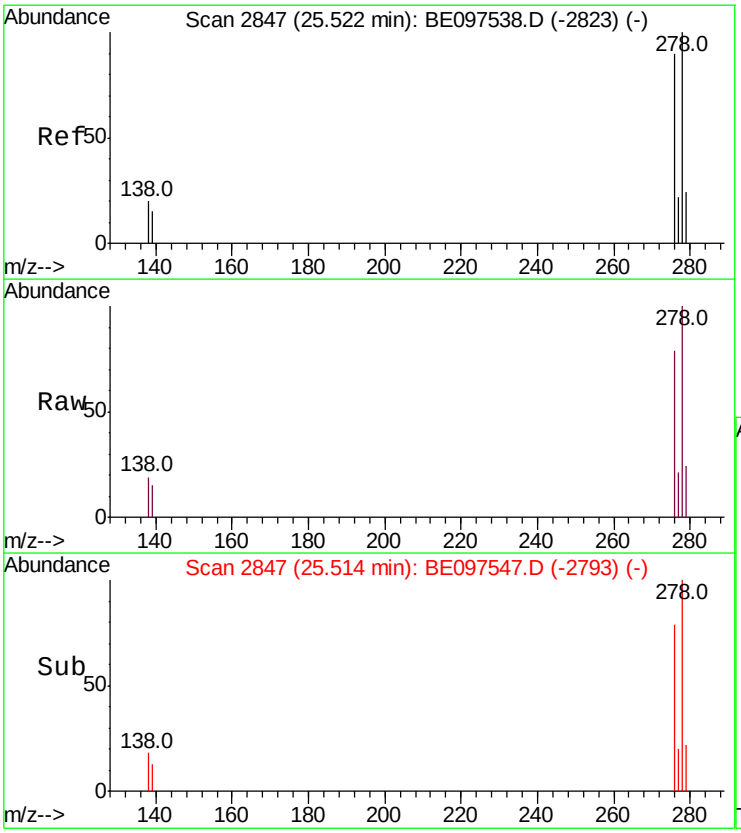
#37
Benzo(a)pyrene
Concen: 0.481 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:252 Resp: 10359

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	11.7	12.0	18.0#

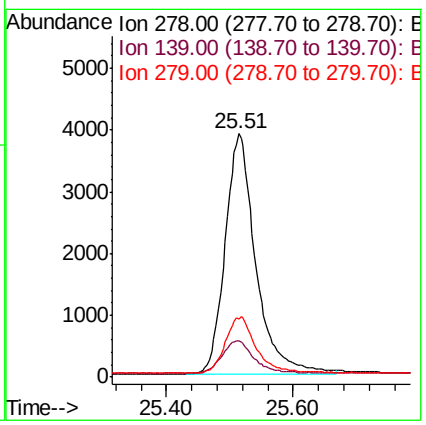


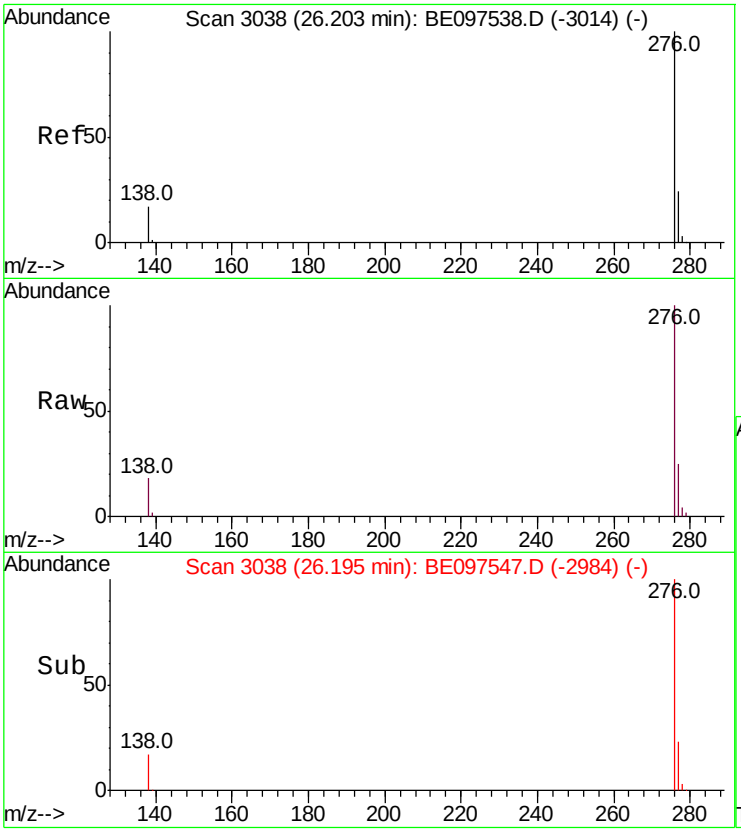


#38
Dibenzo(a,h)anthracene
Concen: 0.568 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Tgt Ion:278 Resp: 13130

Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.0	24.0#
279	23.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.582 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.01 min
Lab File: BE097547.D
Acq: 19 Sep 2018 19:24

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW308D-20180914MSD

Tgt Ion:276 Resp: 13094

Ion	Ratio	Lower	Upper
276	100		
277	24.7	16.0	24.0#
138	18.1	20.0	30.0#