Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081618\
Data File : BE097286.D
Acq On : 16 Aug 2018 11:21
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 16 15:01:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 14:23:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1003	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5212	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2828	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	6233	0.40	ng		0.00
27) Chrysene-d12	20.98	240	5526	0.40	ng		0.00
34) Perylene-d12	23.22	264	4901	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1172	0.36	ng		-0.01
5) Phenol-d6	6.61	99	1714	0.36	ng		0.00
8) Nitrobenzene-d5	8.52	82	1723	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2771	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	300	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	4085	0.38	ng		0.00
25) Fluoranthene-d10	18.81	212	22662	0.36	ng		0.00
29) Terphenyl-d14	19.43	244	4010	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	358	0.318	ng		97
3) n-Nitrosodimethylamine	3.38	42	436	0.334	ng	#	94
6) bis(2-Chloroethyl)ether	6.84	93	1366	0.364	ng		98
9) Naphthalene	10.19	128	17936	0.368	ng		100
10) Hexachlorobutadiene	10.48	225	857	0.389	ng		95
12) 2-Methylnaphthalene	11.80	142	2914	0.365	ng		98
16) Acenaphthylene	13.73	152	4987	0.382	ng		100
17) Acenaphthene	14.07	154	2899	0.386	ng	#	90
18) Fluorene	15.06	166	3493	0.375	ng	#	78
20) 4-Bromophenyl-phenylether	15.97	248	1257	0.386	ng	#	84
21) Hexachlorobenzene	16.08	284	1489	0.403	ng	#	84
22) Pentachlorophenol	16.45	266	256	0.387	ng		87
23) Phenanthrene	16.81	178	5804	0.386	ng		98
24) Anthracene	16.89	178	4839	0.359	ng		95
26) Fluoranthene	18.84	202	6089	0.366	ng		98
28) Pyrene	19.20	202	5769	0.387	ng		99
30) Benzo(a)anthracene	20.95	228	5114	0.368	ng		99
31) Chrysene	21.02	228	5632	0.396	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	4733	0.263	ng		99
33) Indeno(1,2,3-cd)pyrene	25.53	276	5622	0.367	ng	#	89
35) Benzo(b)fluoranthene	22.54	252	4560	0.374	ng	#	92
36) Benzo(k)fluoranthene	22.59	252	6150	0.415	ng		93
37) Benzo(a)pyrene	23.12	252	4630	0.378	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	4557	0.377	ng		97
39) Benzo(g,h,i)perylene	26.22	276	4426	0.363	ng	#	91

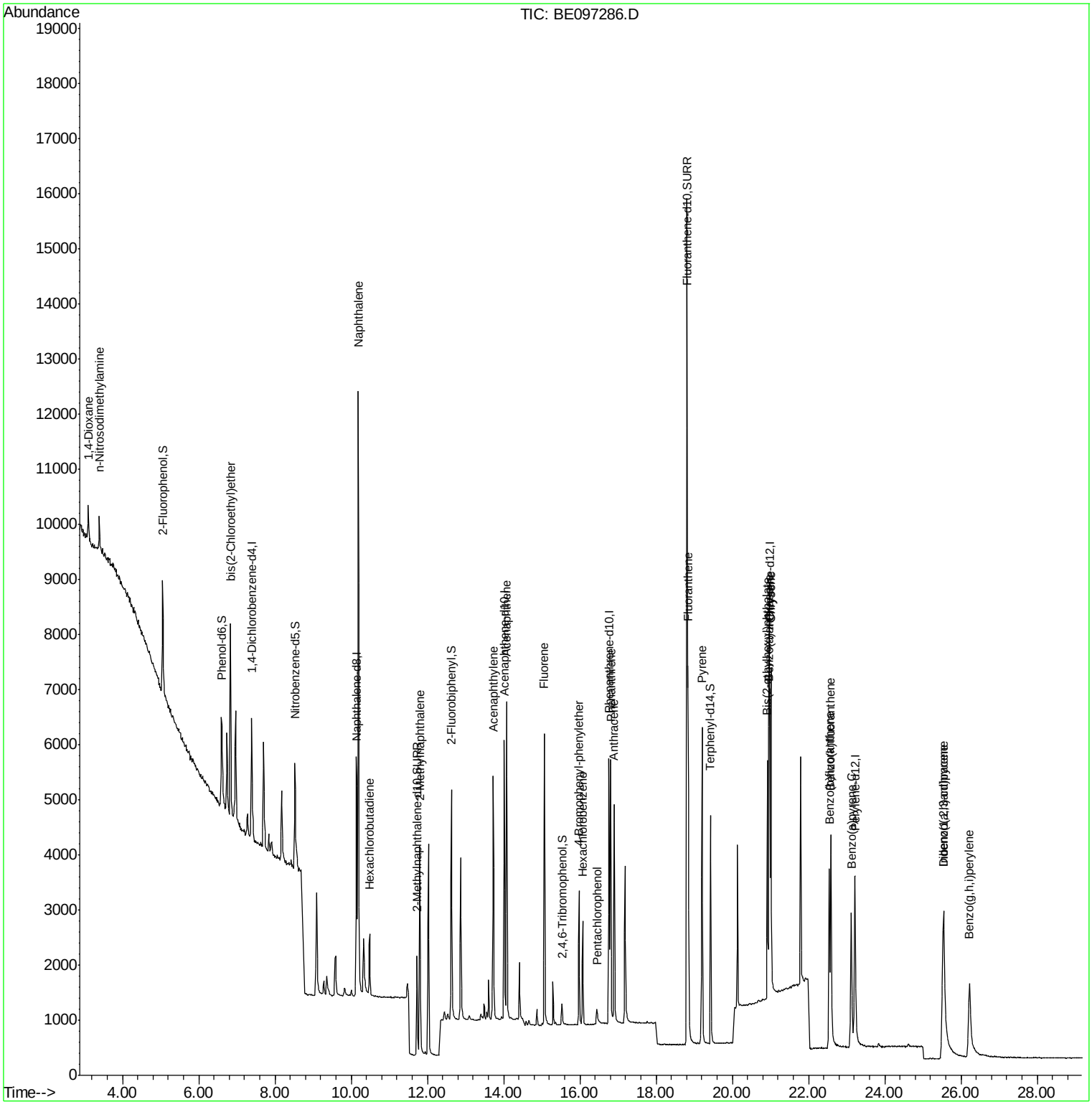
(#) = qualifier out of range (m) = manual integration (+) = signals summed

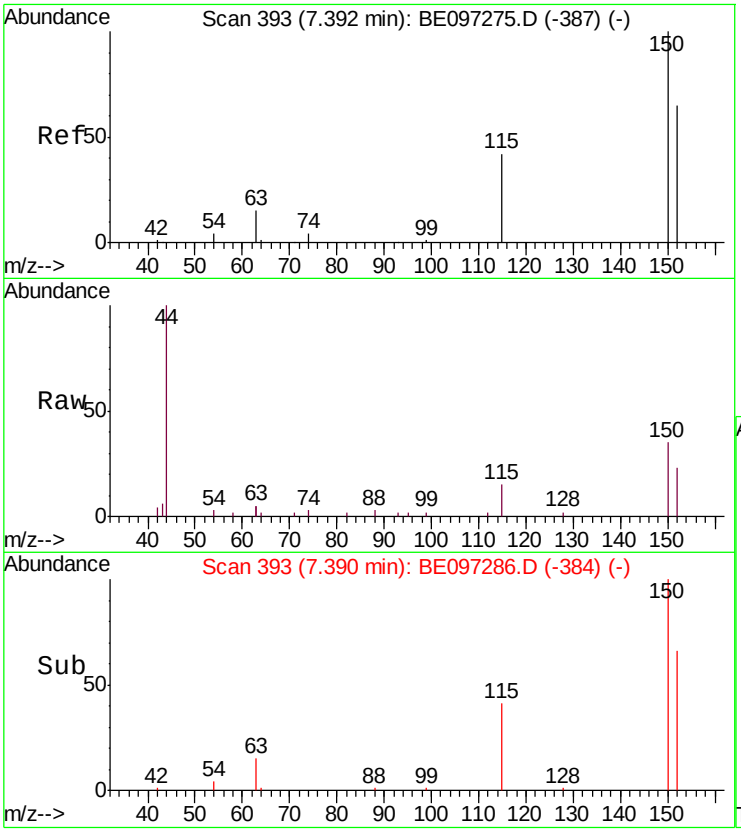
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE081618\
Data File : BE097286.D
Acq On : 16 Aug 2018 11:21
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 16 15:01:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 14:23:39 2018
Response via : Initial Calibration



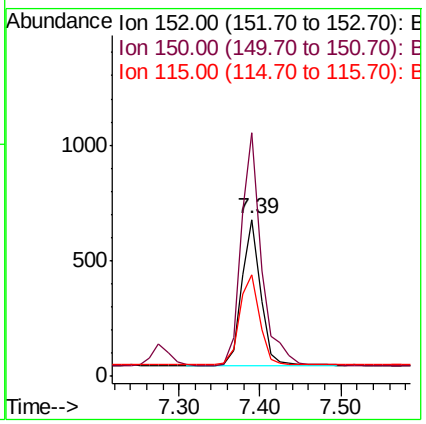


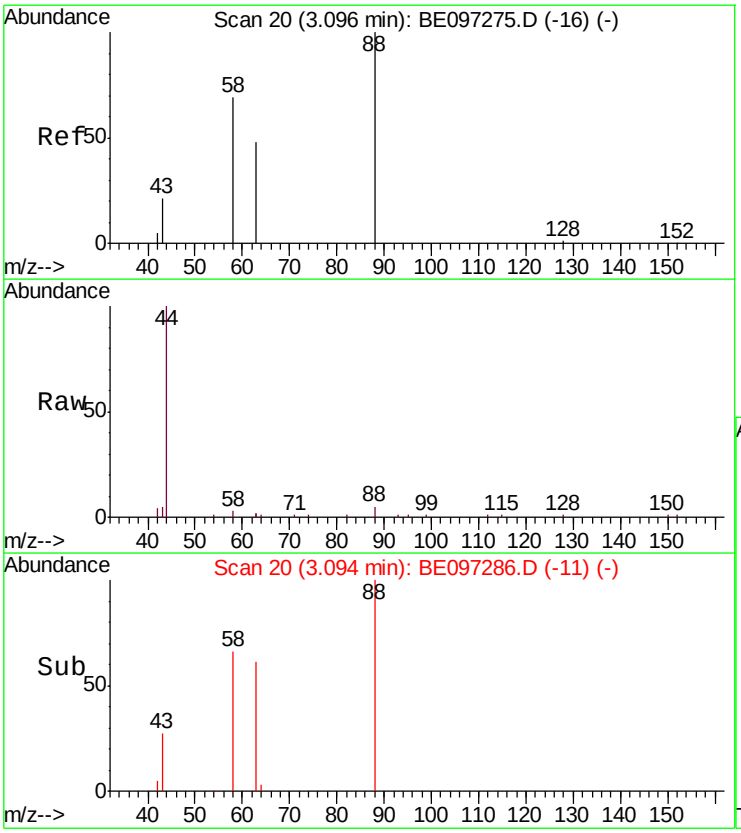
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1003

Ion	Ratio	Lower	Upper
152	100		
150	155.1	117.2	175.8
115	64.7	57.0	85.6

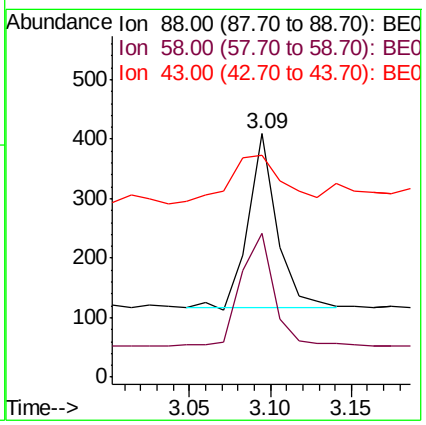


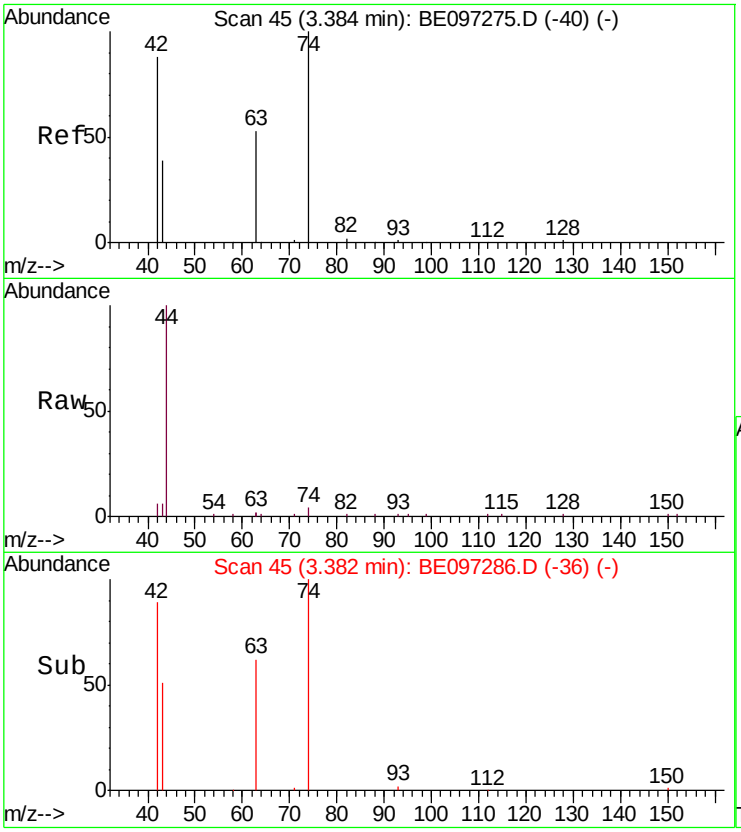


#2
1,4-Dioxane
Concen: 0.318 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion: 88 Resp: 358

Ion	Ratio	Lower	Upper
88	100		
58	74.6	63.2	94.8
43	51.1	41.2	61.8



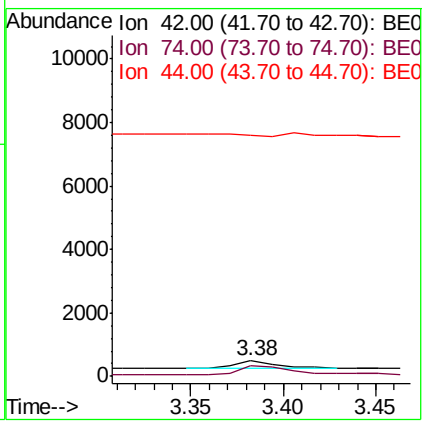


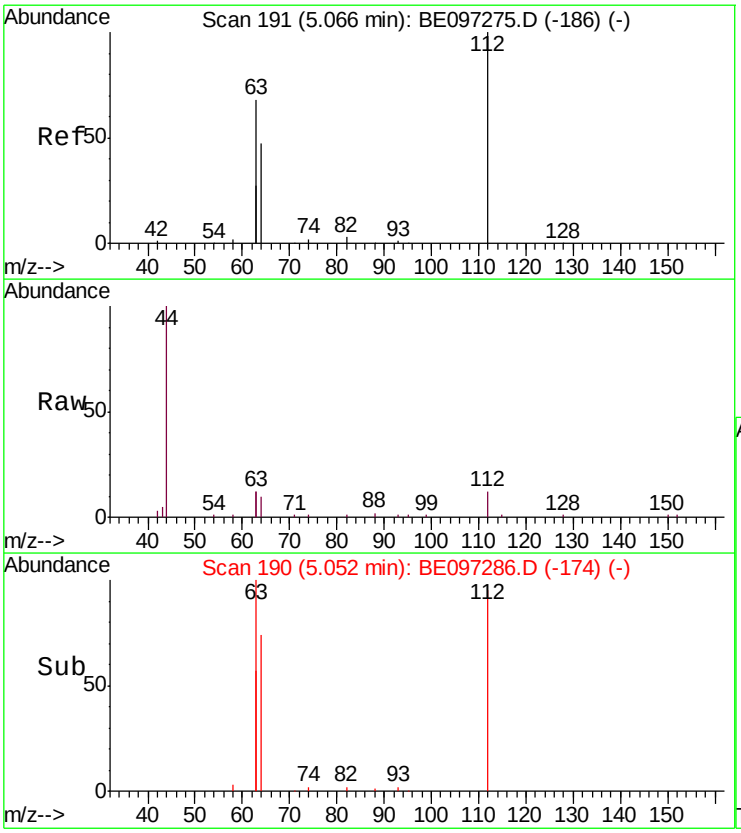
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 436

Ion	Ratio	Lower	Upper
42	100		
74	117.2	96.0	144.0
44	0.0	12.0	18.0#

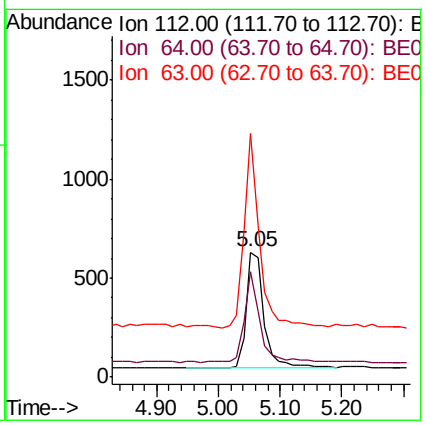


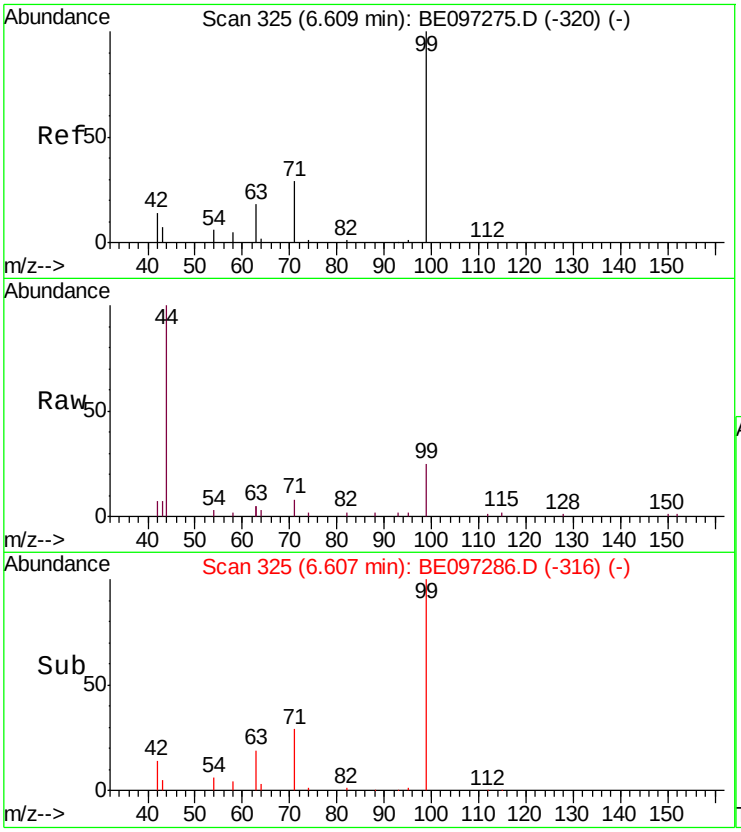


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:112 Resp: 1172

Ion	Ratio	Lower	Upper
112	100		
64	66.1	60.1	90.1
63	146.2	116.8	175.2



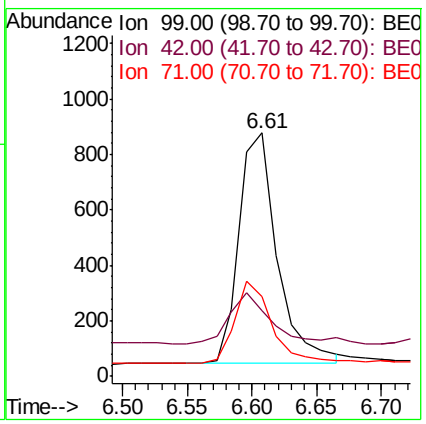


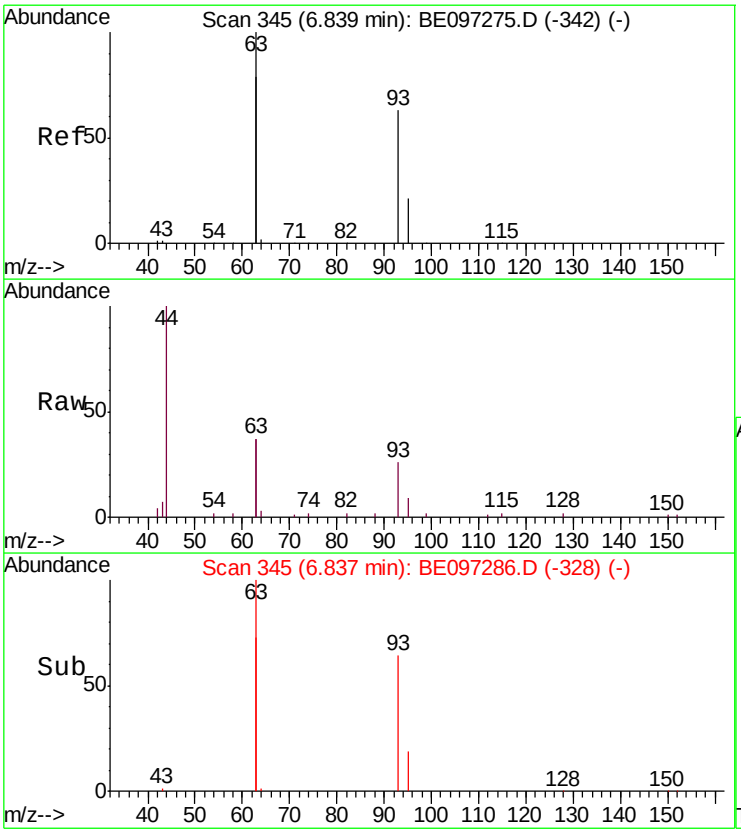
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.61 min Scan# 325
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1714

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.2	30.2
71	34.8	28.4	42.6

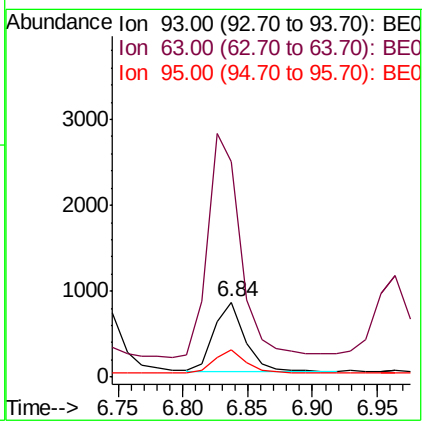


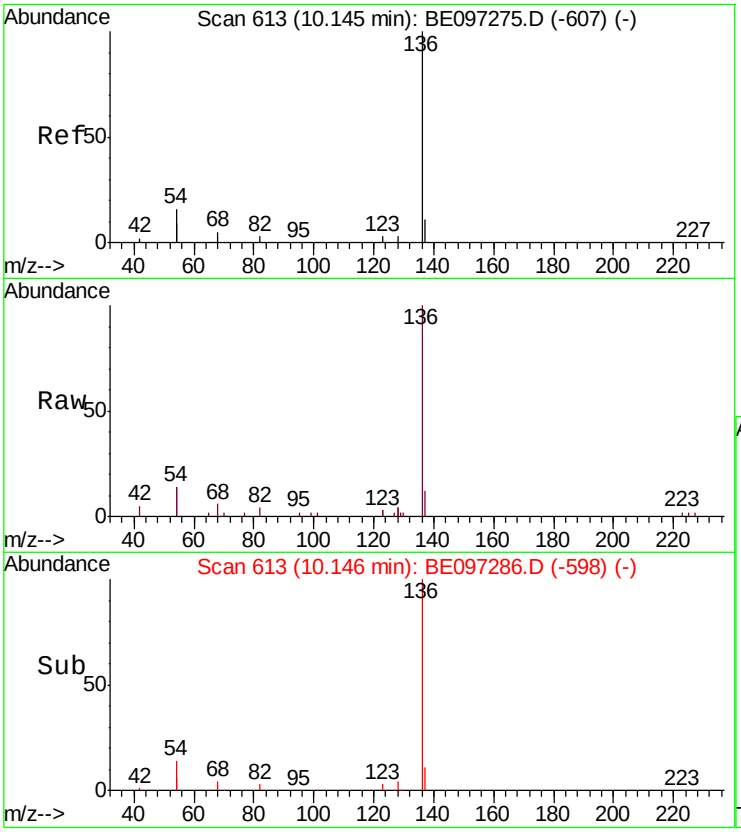


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion: 93 Resp: 1366

Ion	Ratio	Lower	Upper
93	100		
63	339.1	275.3	412.9
95	33.8	25.2	37.8



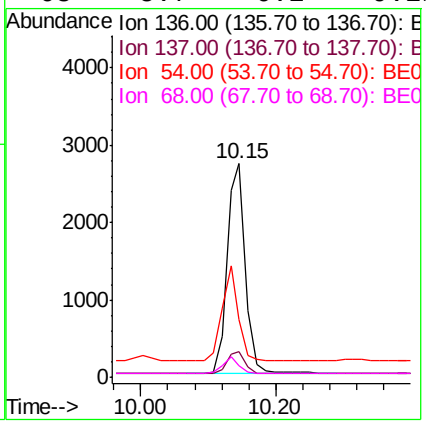


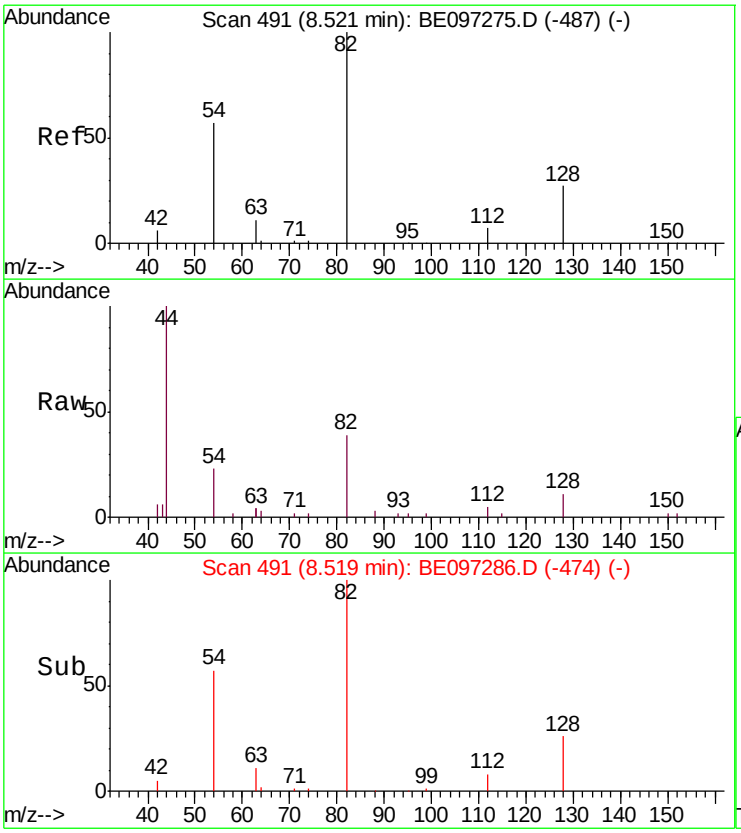
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5212

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	27.2	29.1	43.7#
68	5.7	6.2	9.2#

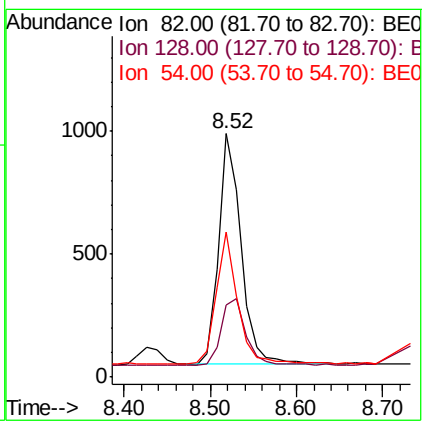


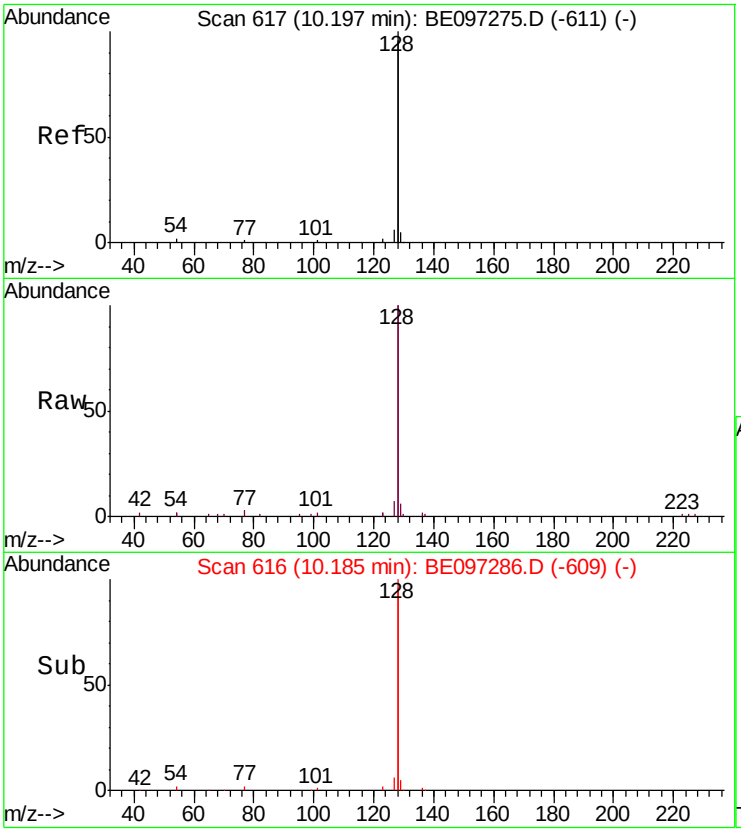


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion: 82 Resp: 1723

Ion	Ratio	Lower	Upper
82	100		
128	29.6	24.0	36.0
54	59.4	40.0	60.0



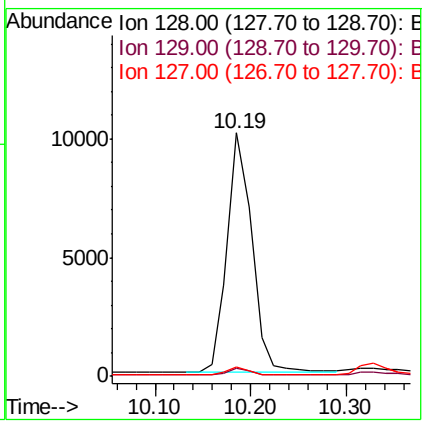


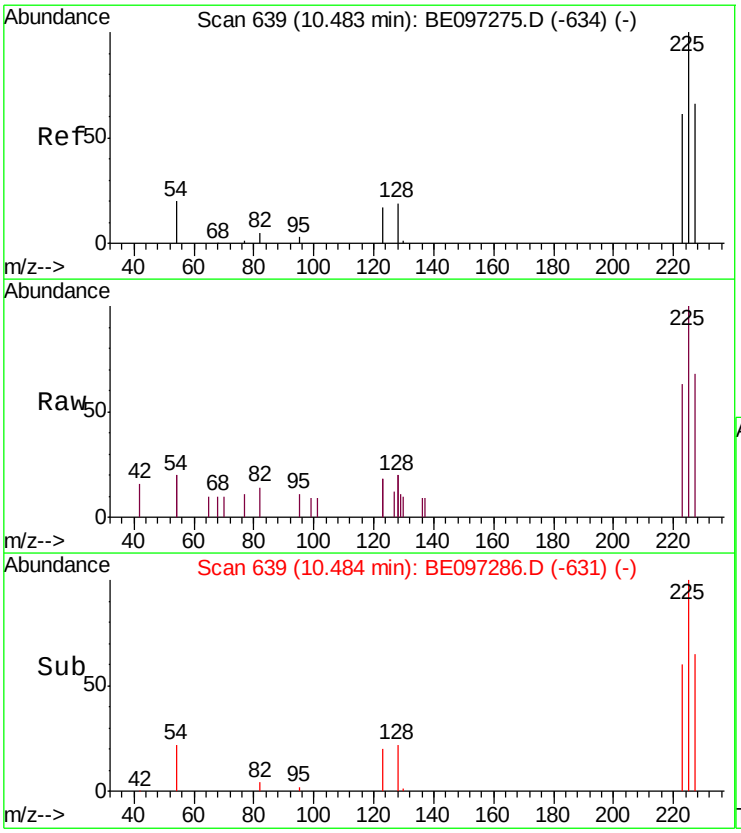
#9
Naphthalene
Concen: 0.368 ng
RT: 10.19 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17936

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.7	2.8	4.2

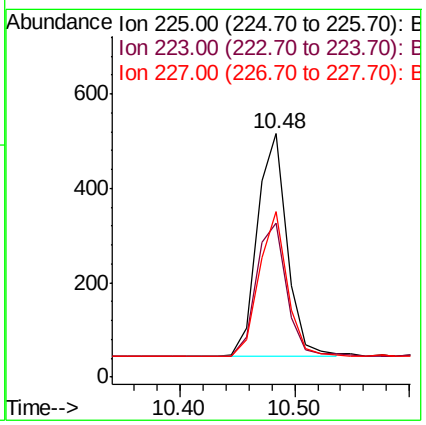


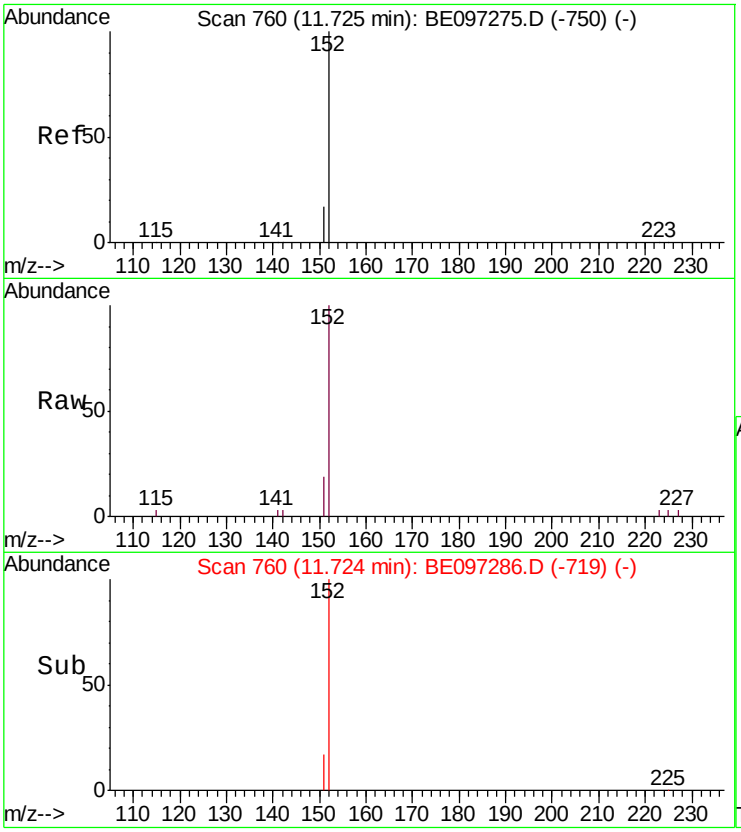


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:225 Resp: 857

Ion	Ratio	Lower	Upper
225	100		
223	60.8	53.0	79.6
227	61.5	51.4	77.2



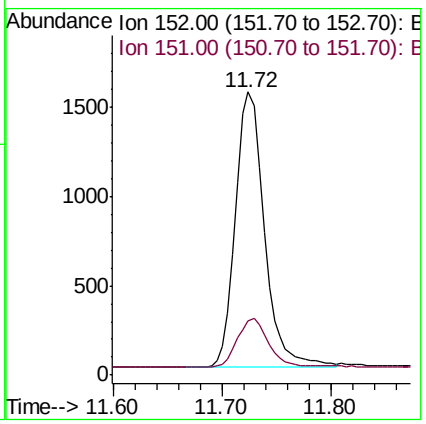


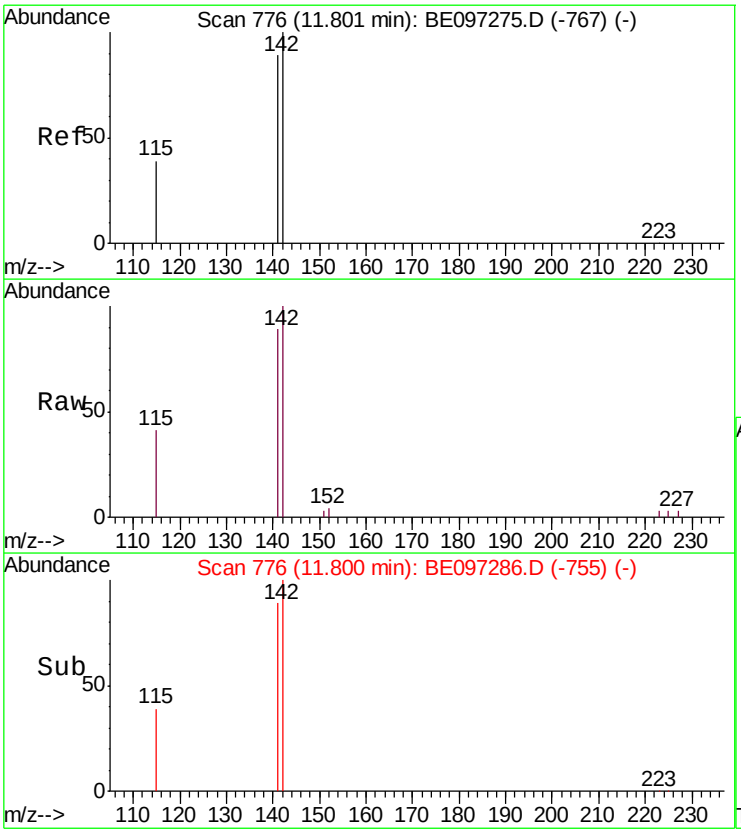
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 11.72 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2771

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0

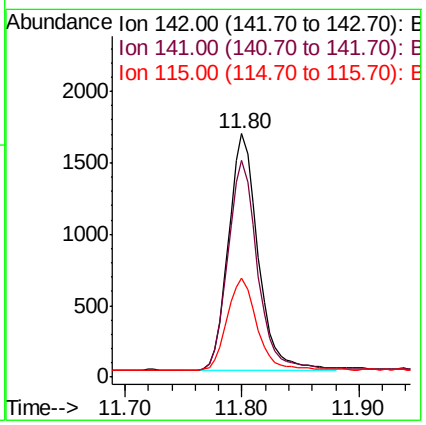


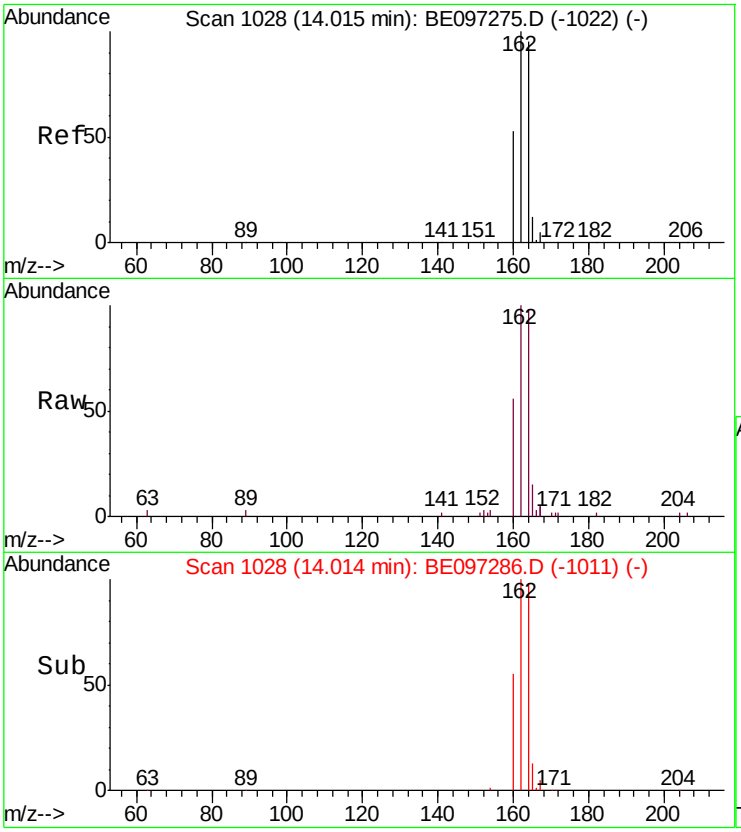


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:142 Resp: 2914

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	40.8	31.7	47.5



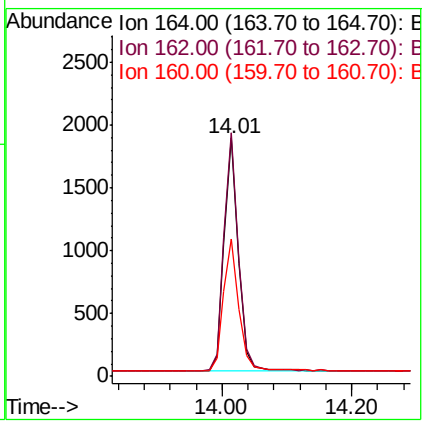


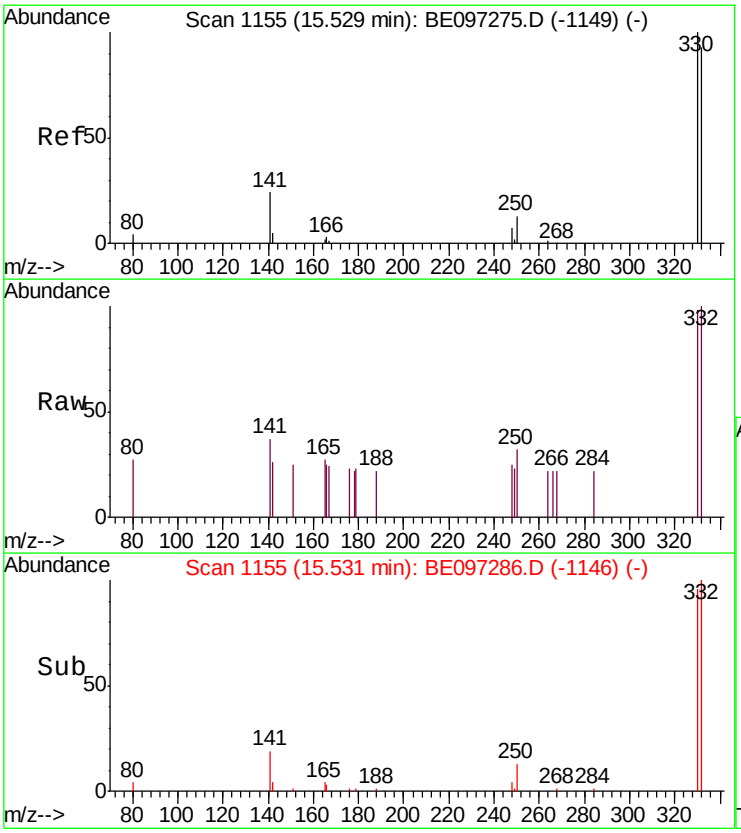
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2828

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.1	124.7
160	57.6	37.1	55.7#

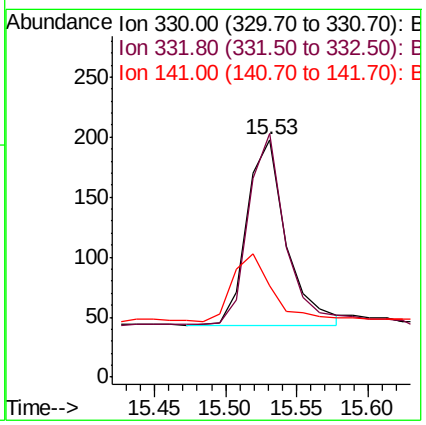


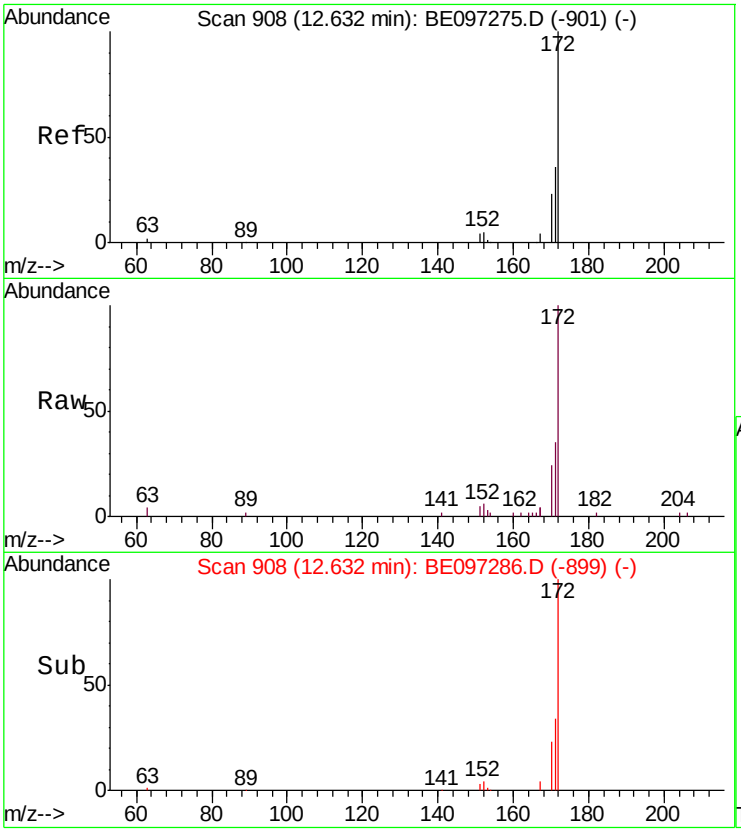


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:330 Resp: 300

Ion	Ratio	Lower	Upper
330	100		
332	95.0	152.7	229.1#
141	36.0	33.7	50.5



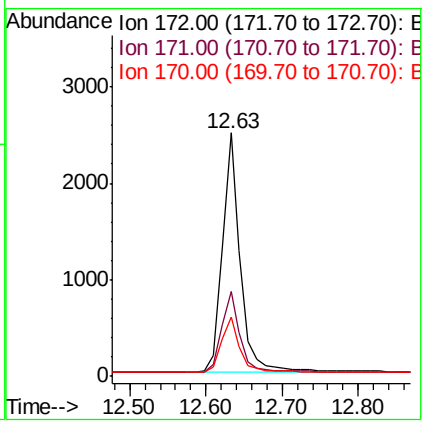


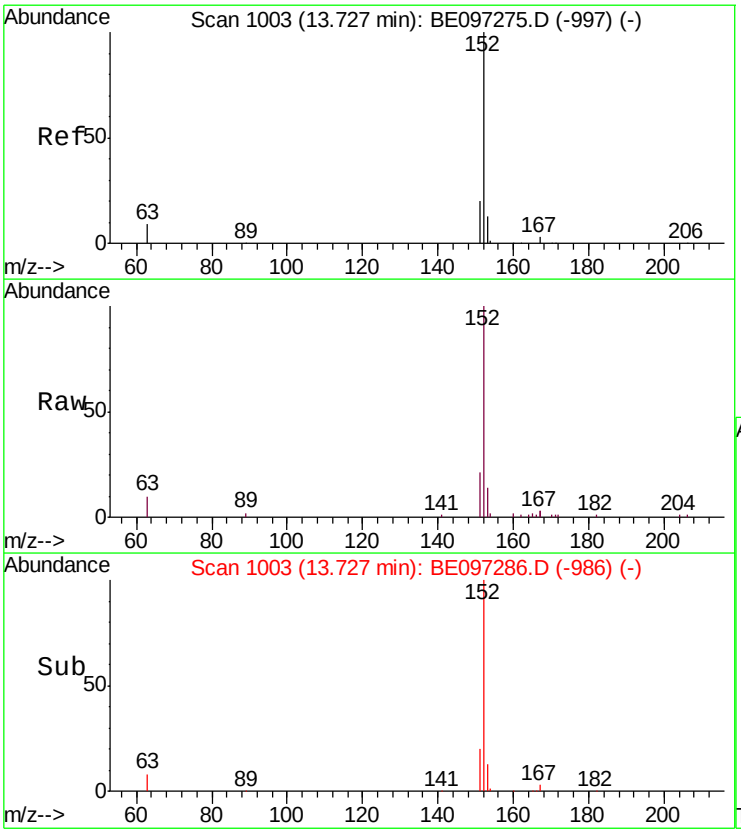
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4085

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.9	44.9
170	24.1	21.8	32.8

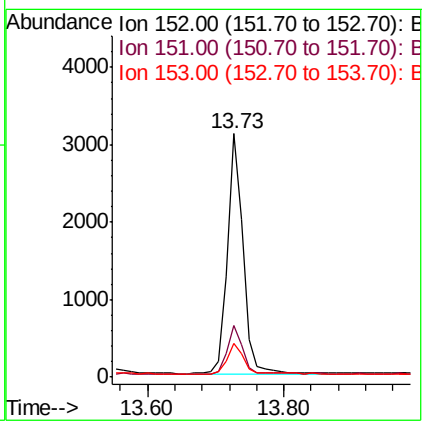


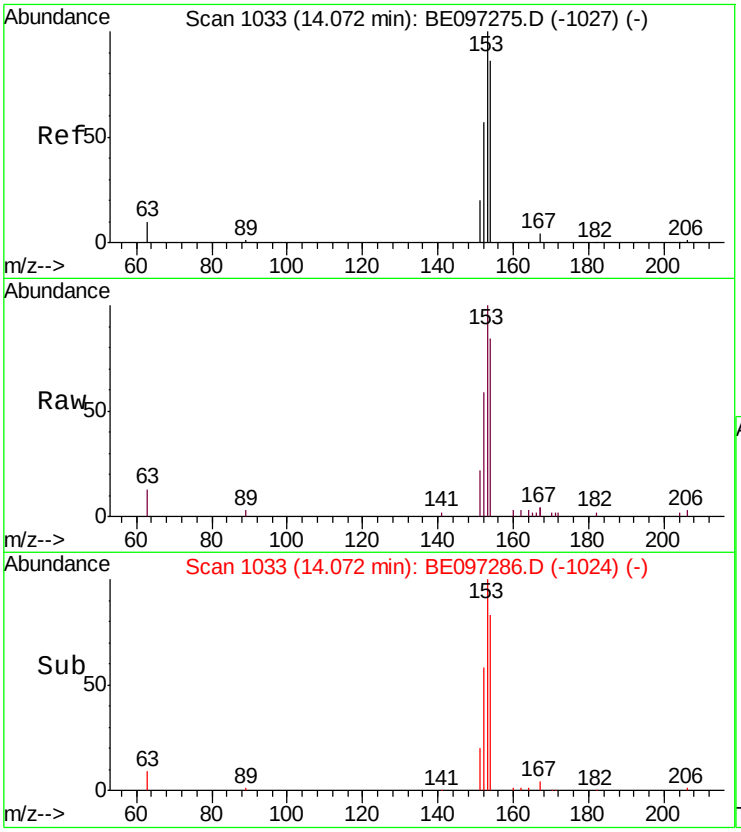


#16
Acenaphthylene
Concen: 0.382 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:152 Resp: 4987

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



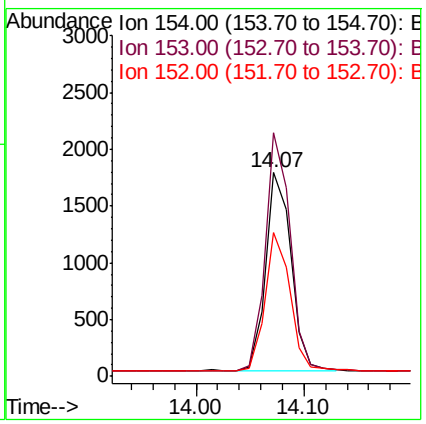


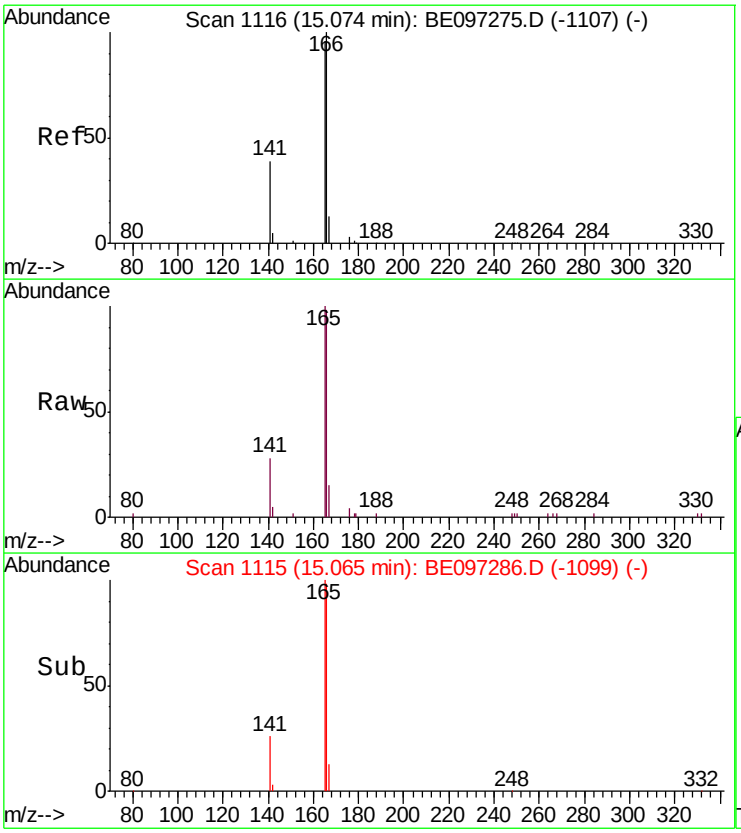
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2899

Ion	Ratio	Lower	Upper
154	100		
153	116.4	89.2	133.8
152	67.6	42.0	63.0#

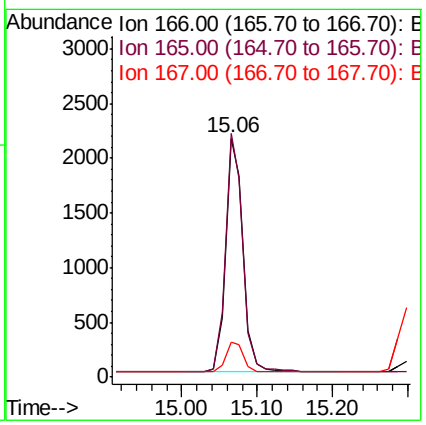


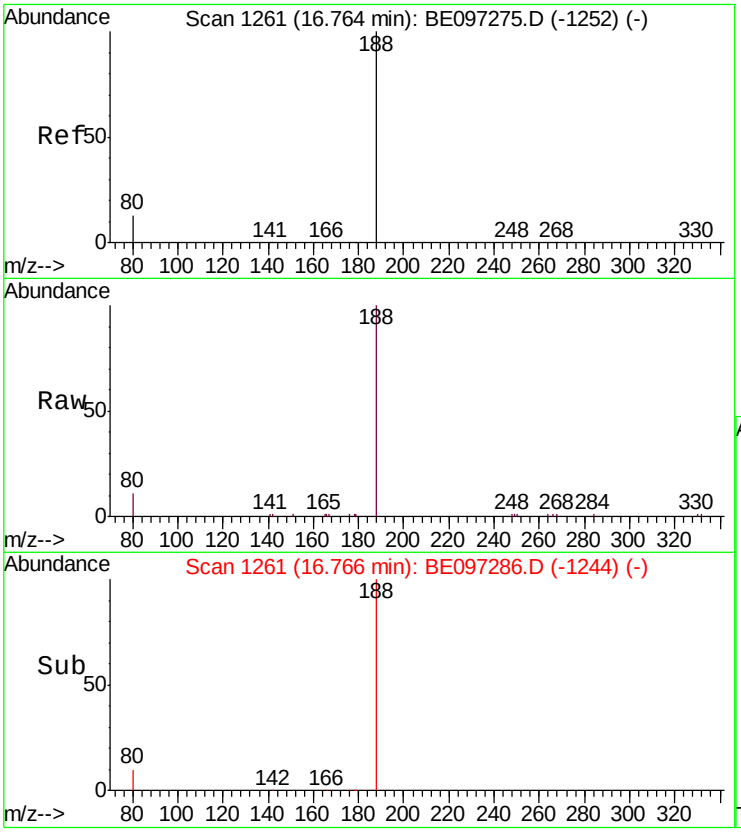


#18
Fluorene
Concen: 0.375 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:166 Resp: 3493

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.6
167	13.7	42.4	63.6#



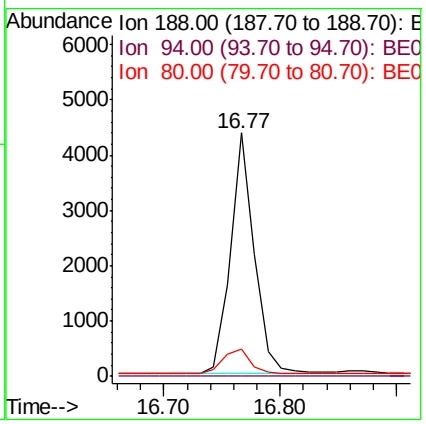


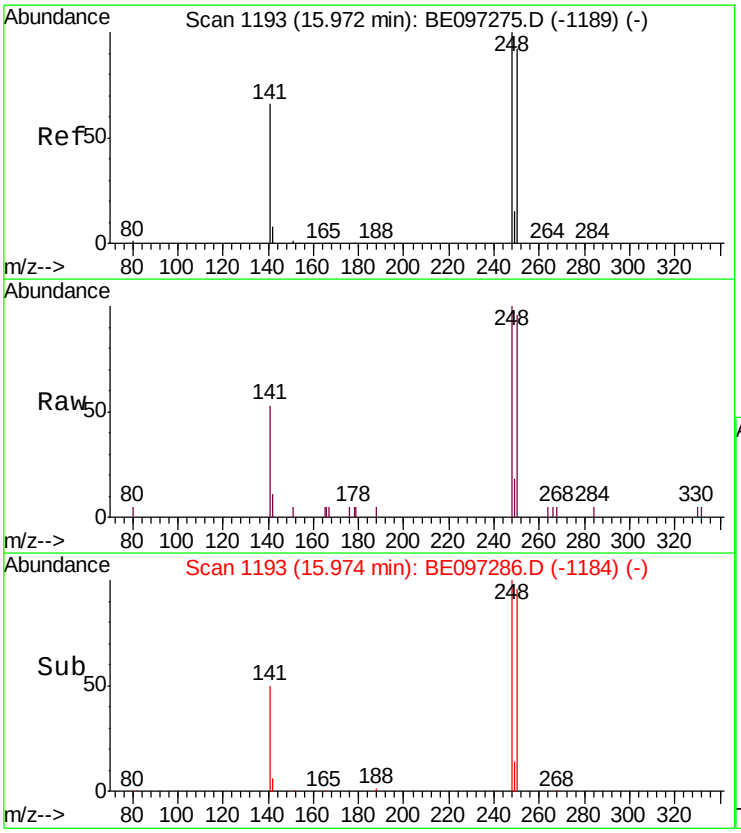
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6233

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.1	3.6	5.4#

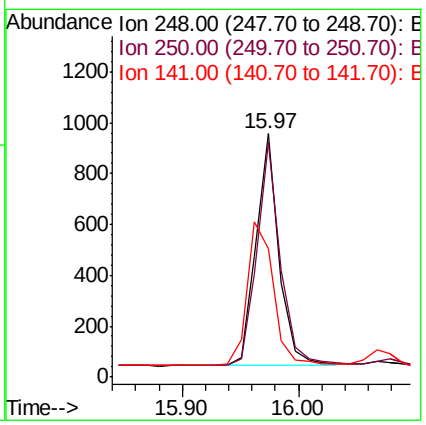


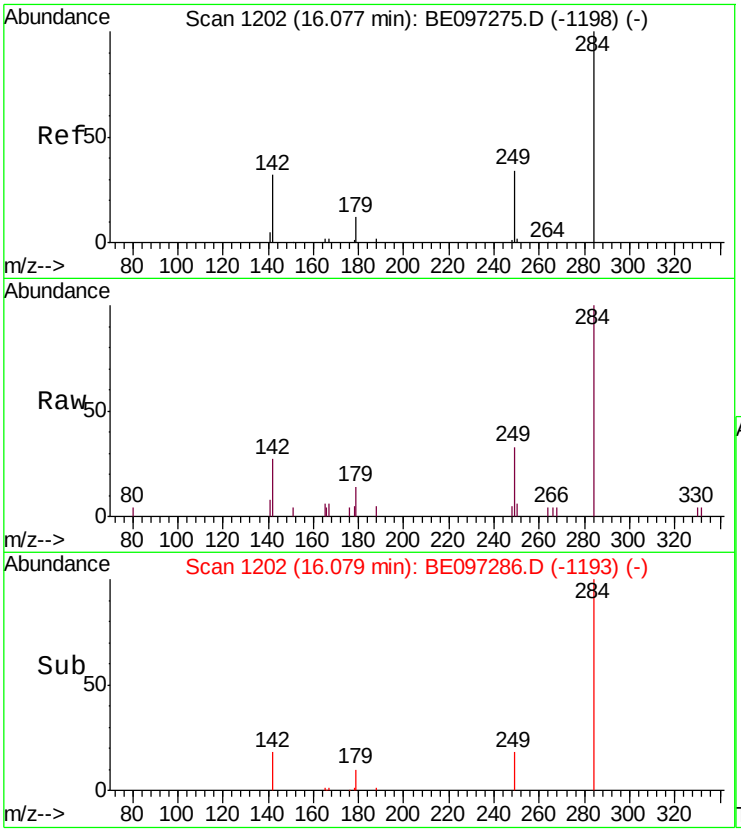


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:248 Resp: 1257

Ion	Ratio	Lower	Upper
248	100		
250	96.4	62.7	94.1#
141	52.9	48.2	72.2



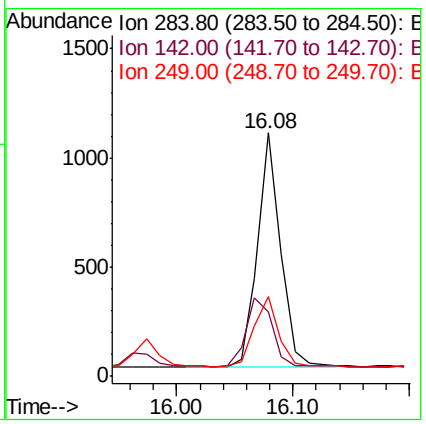


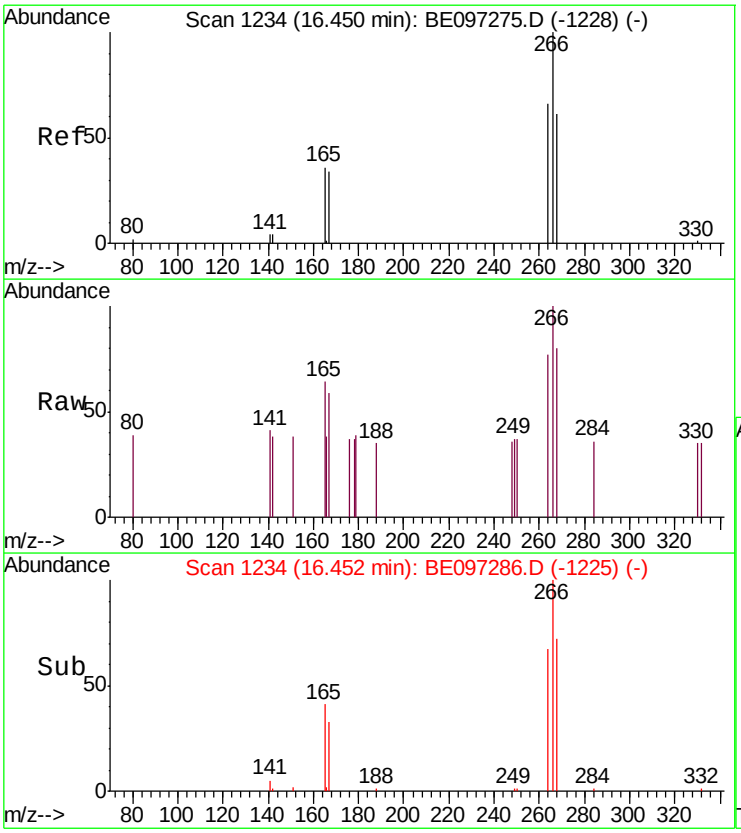
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1489

Ion	Ratio	Lower	Upper
284	100		
142	33.3	22.1	33.1#
249	31.0	34.8	52.2#

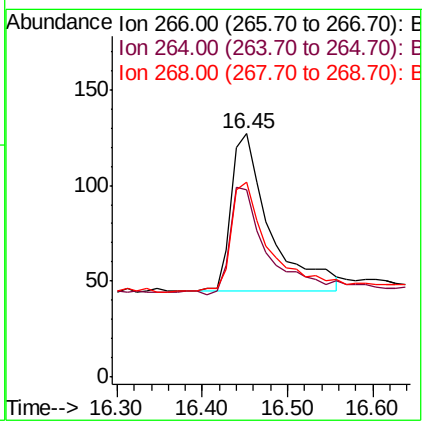


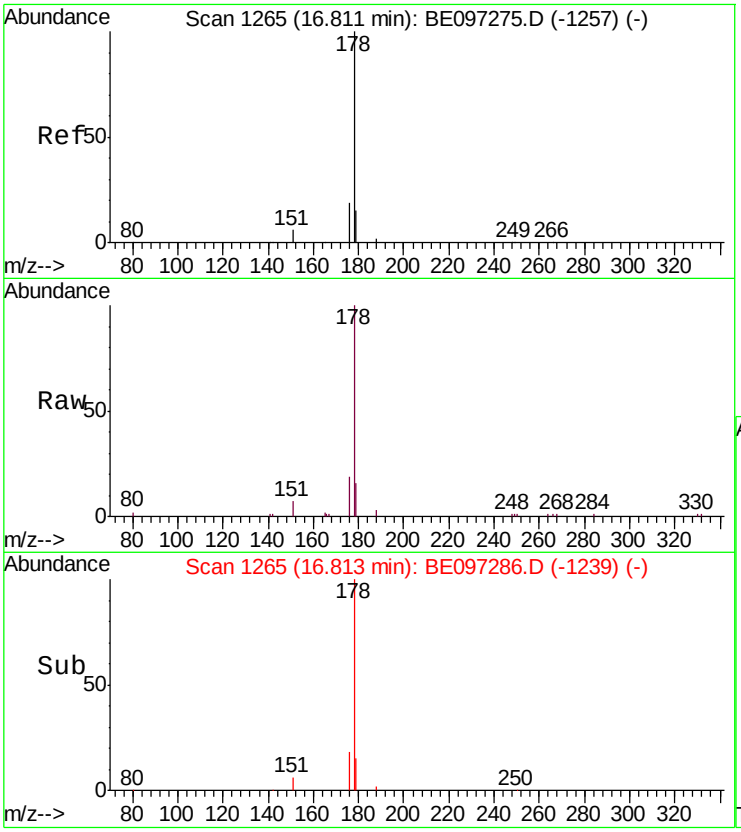


#22
Pentachlorophenol
Concen: 0.387 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:266 Resp: 256

Ion	Ratio	Lower	Upper
266	100		
264	77.2	72.5	108.7
268	80.3	73.8	110.6



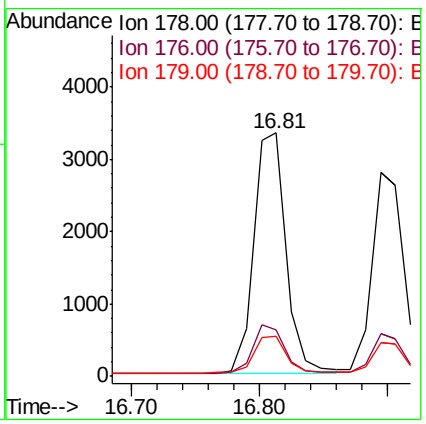


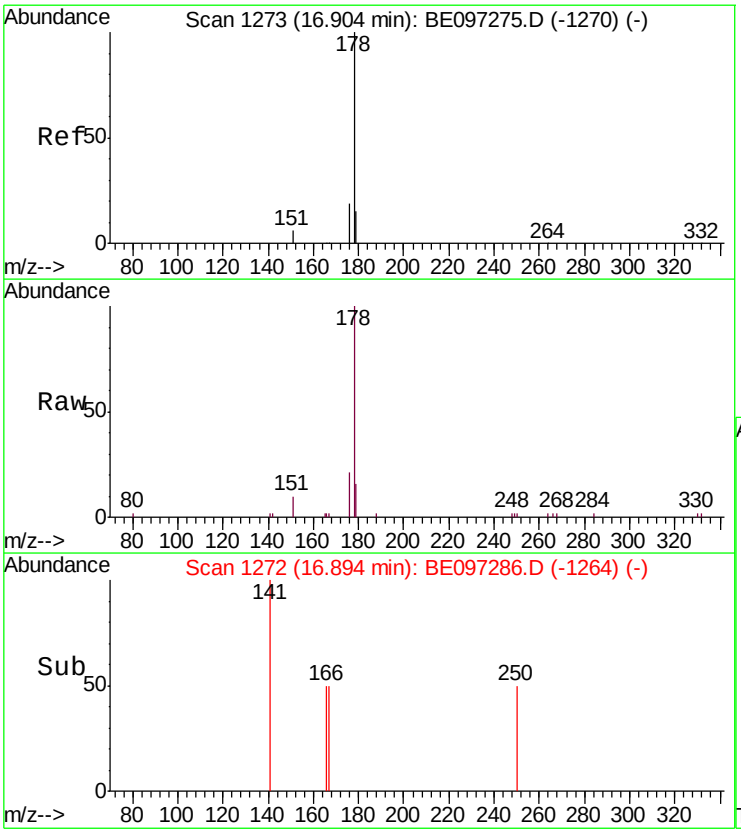
#23
Phenanthrene
Concen: 0.386 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5804

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.3	11.8	17.6

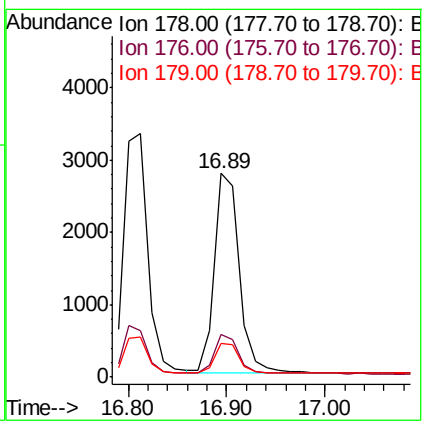


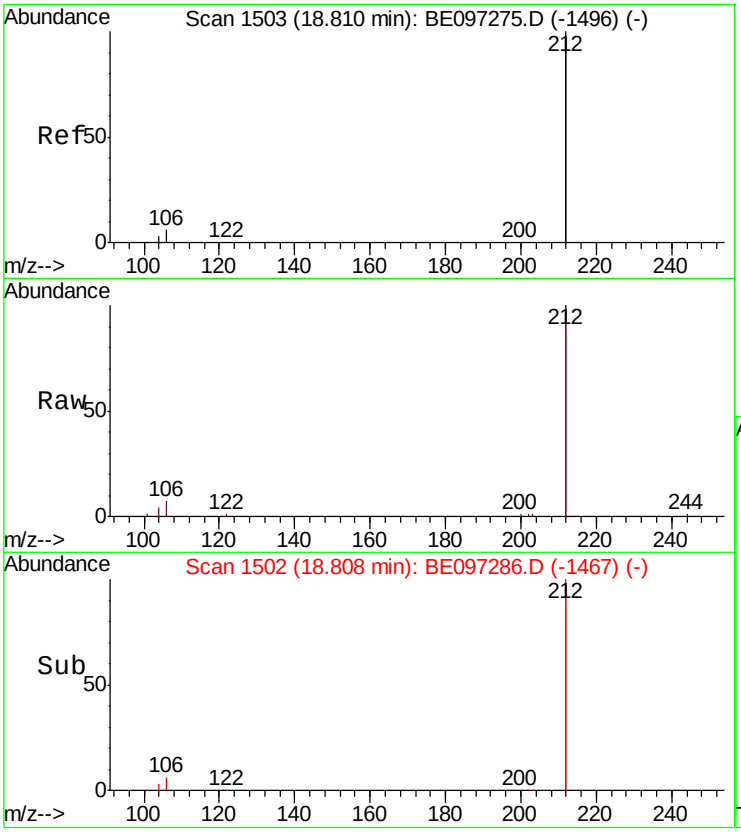


#24
Anthracene
Concen: 0.359 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:178 Resp: 4839

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.0	13.0	19.6



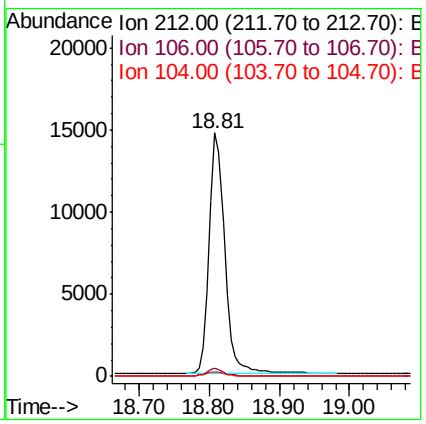


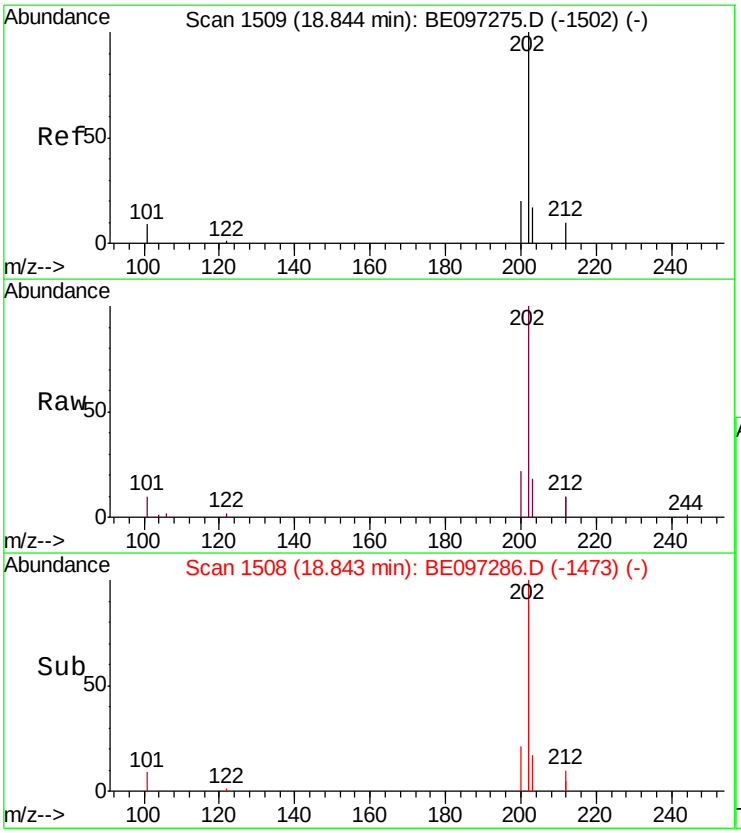
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 22662

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

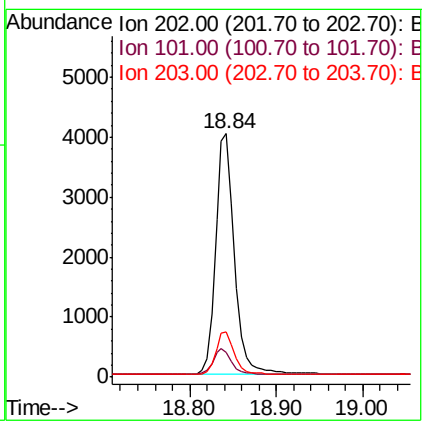


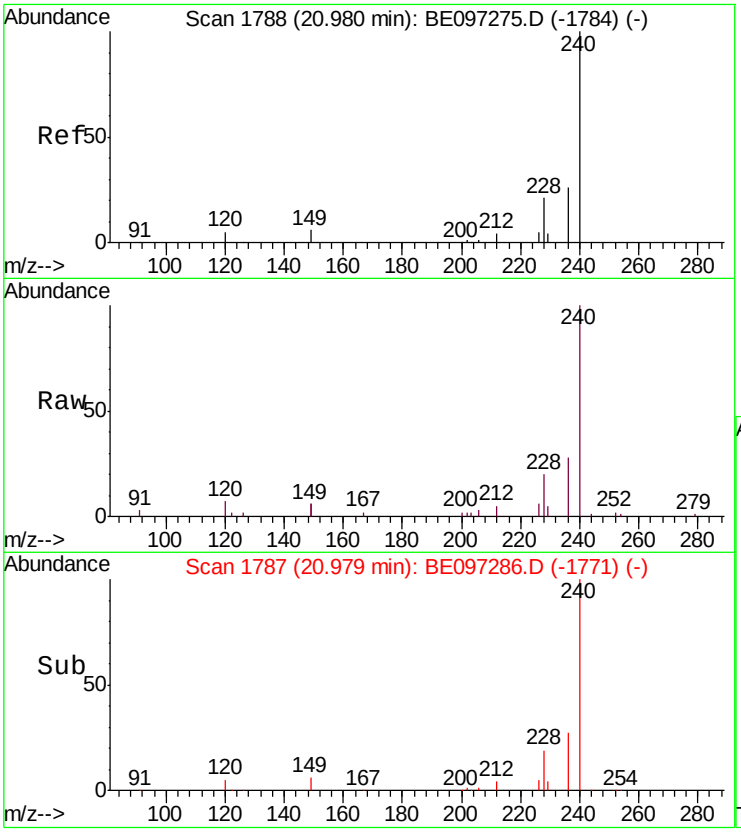


#26
Fluoranthene
Concen: 0.366 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:202 Resp: 6089

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
203	17.1	13.7	20.5



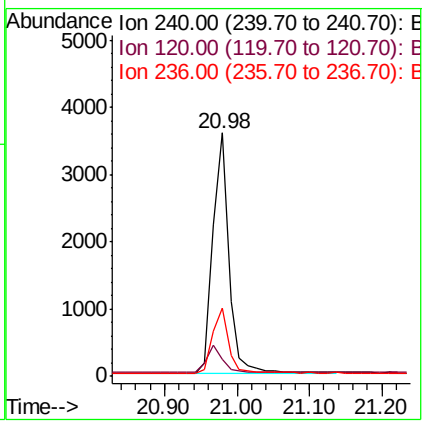


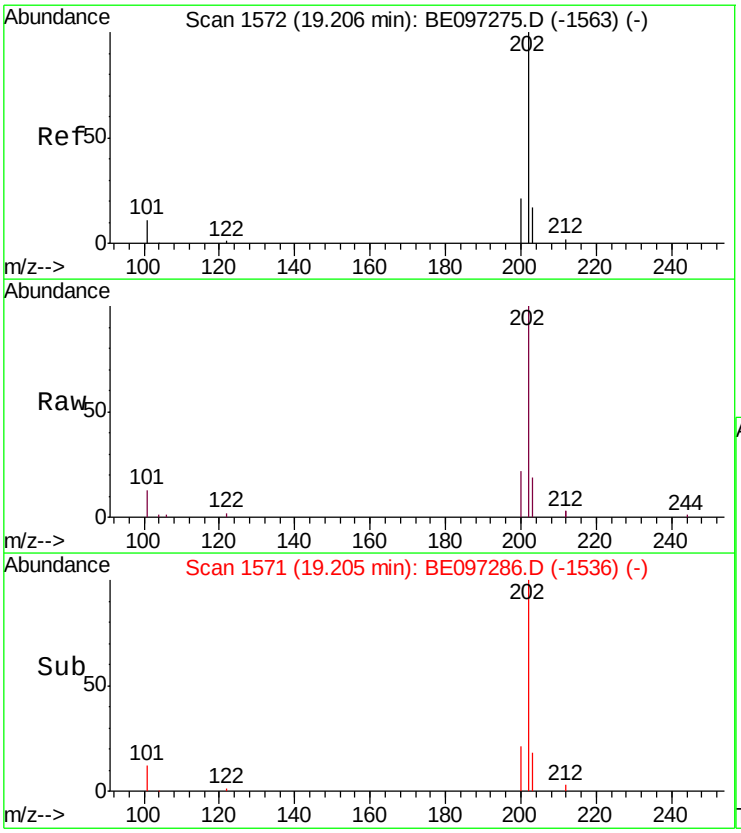
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5526

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	28.1	20.7	31.1

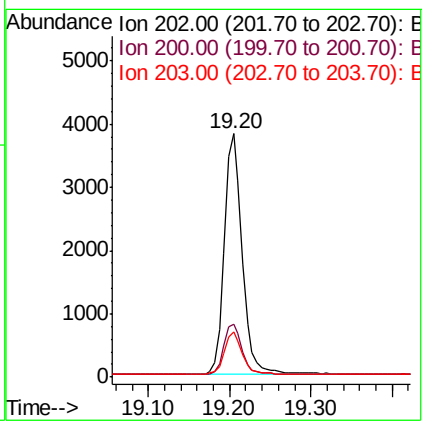


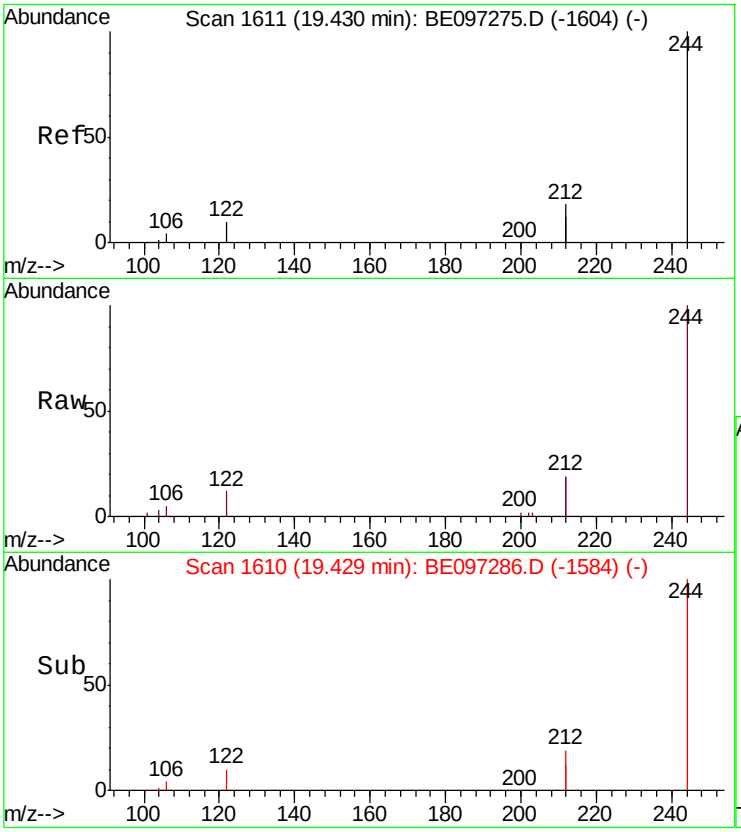


#28
Pyrene
Concen: 0.387 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:202 Resp: 5769

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.2	13.8	20.8



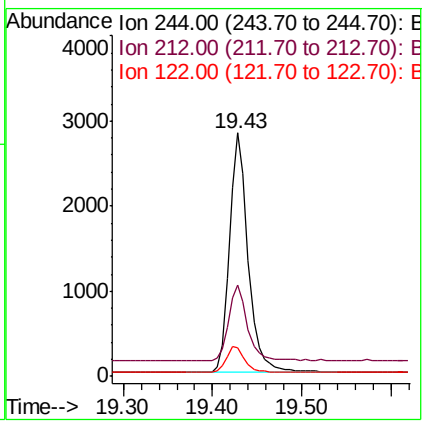


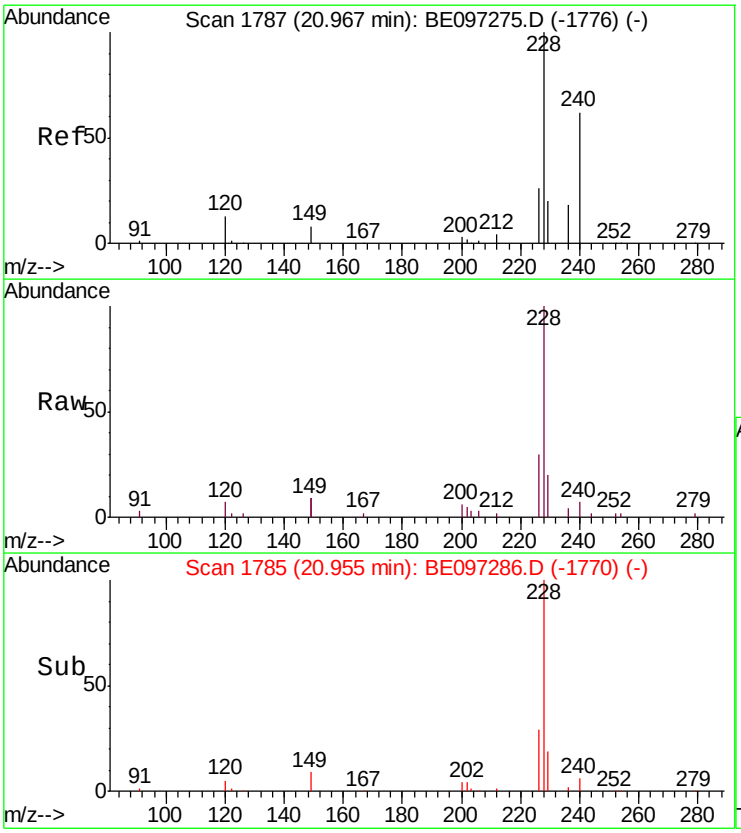
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4010

Ion	Ratio	Lower	Upper
244	100		
212	37.6	25.4	38.0
122	12.0	8.1	12.1

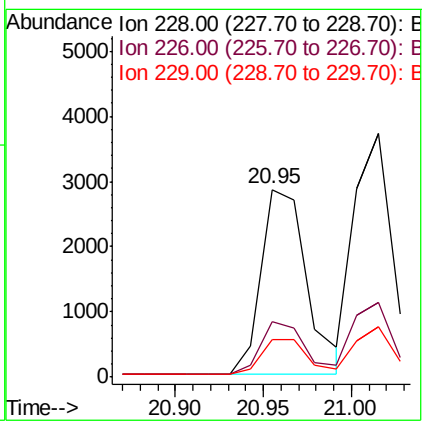


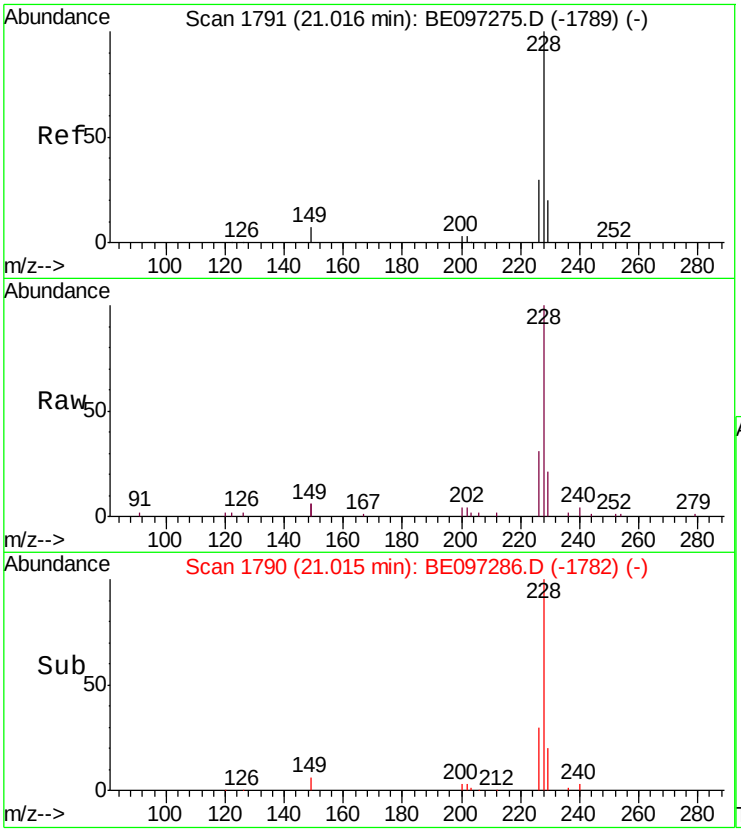


#30
Benzo(a)anthracene
Concen: 0.368 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:228 Resp: 5114

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.3	16.0	24.0



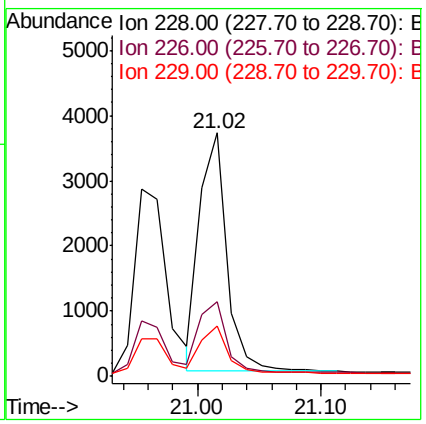


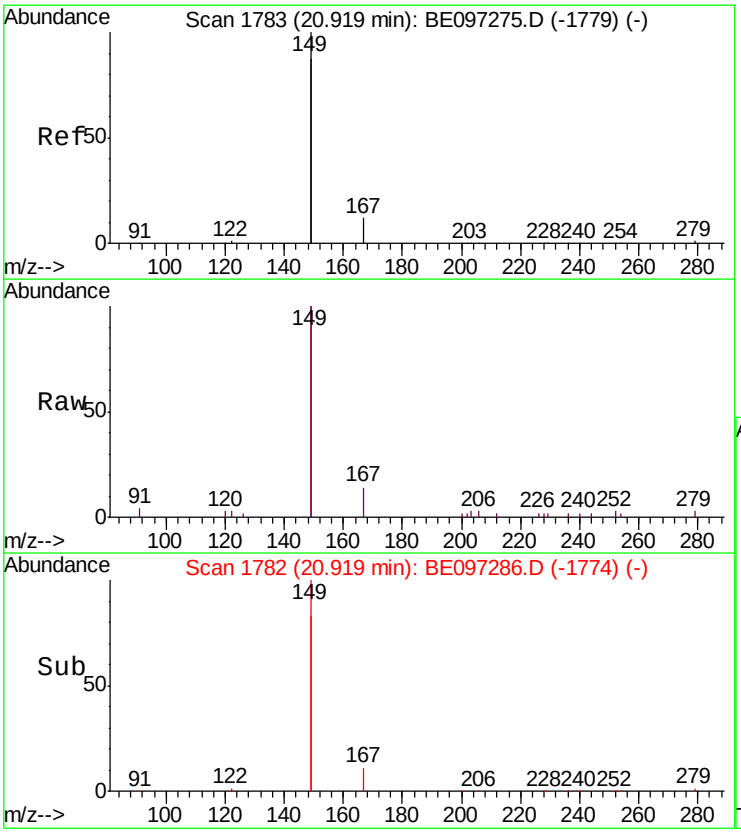
#31
Chrysene
Concen: 0.396 ng
RT: 21.02 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 5632

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.9	16.0	24.0

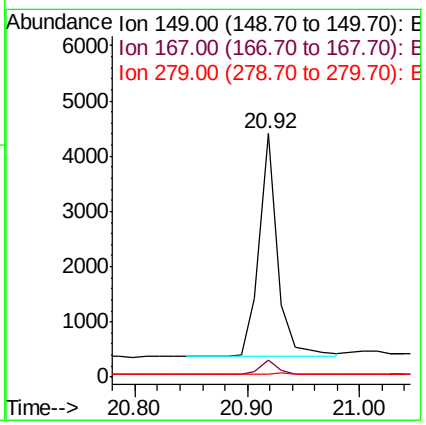


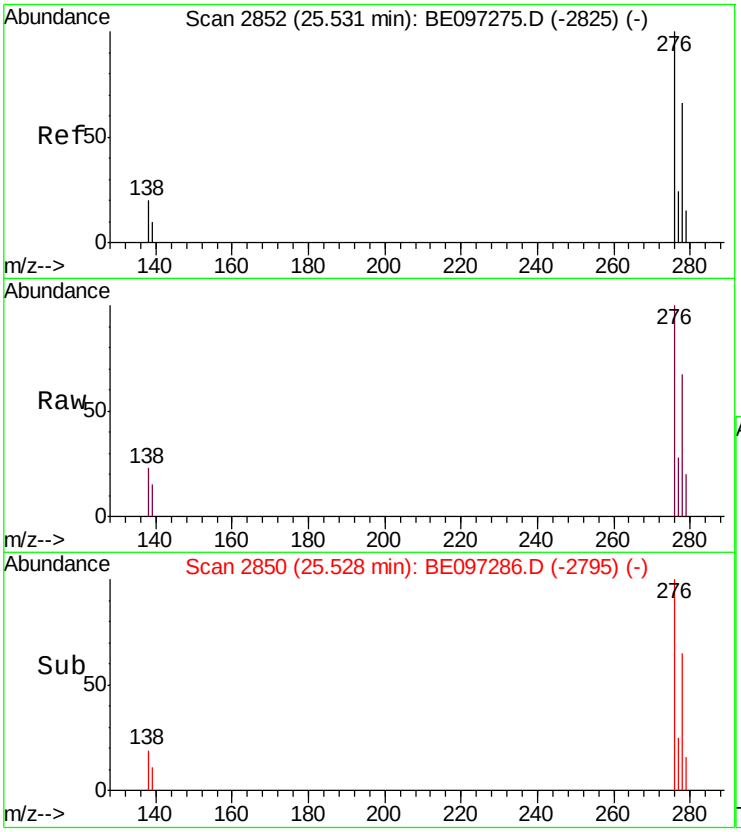


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.263 ng
RT: 20.92 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:149 Resp: 4733

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.0	0.7	1.1



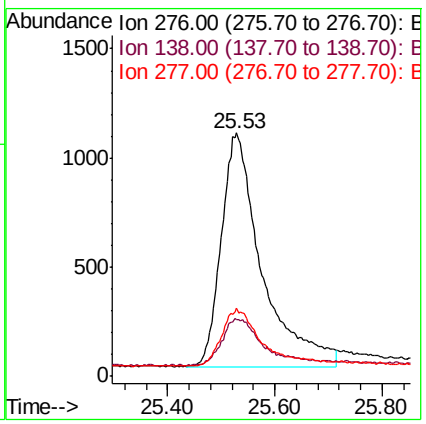


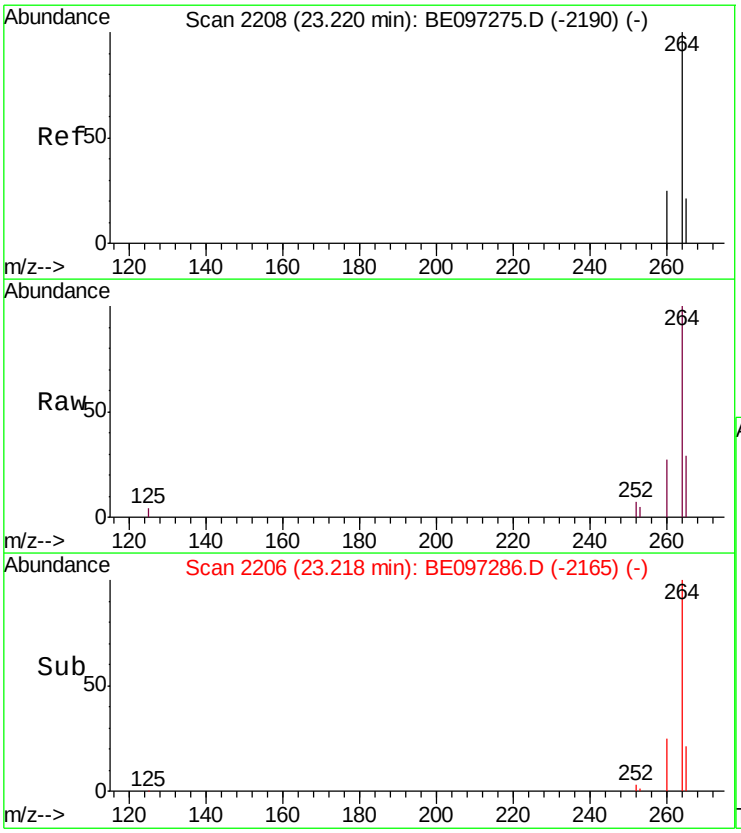
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 5622

Ion	Ratio	Lower	Upper
276	100		
138	18.0	22.5	33.7#
277	24.2	19.9	29.9

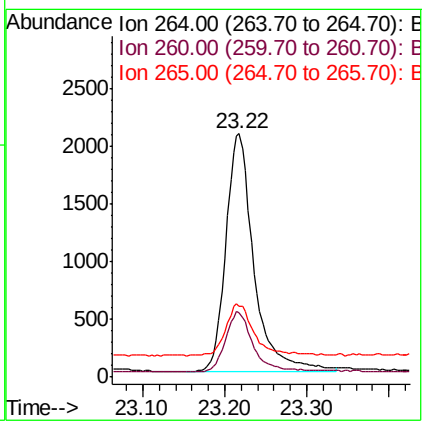


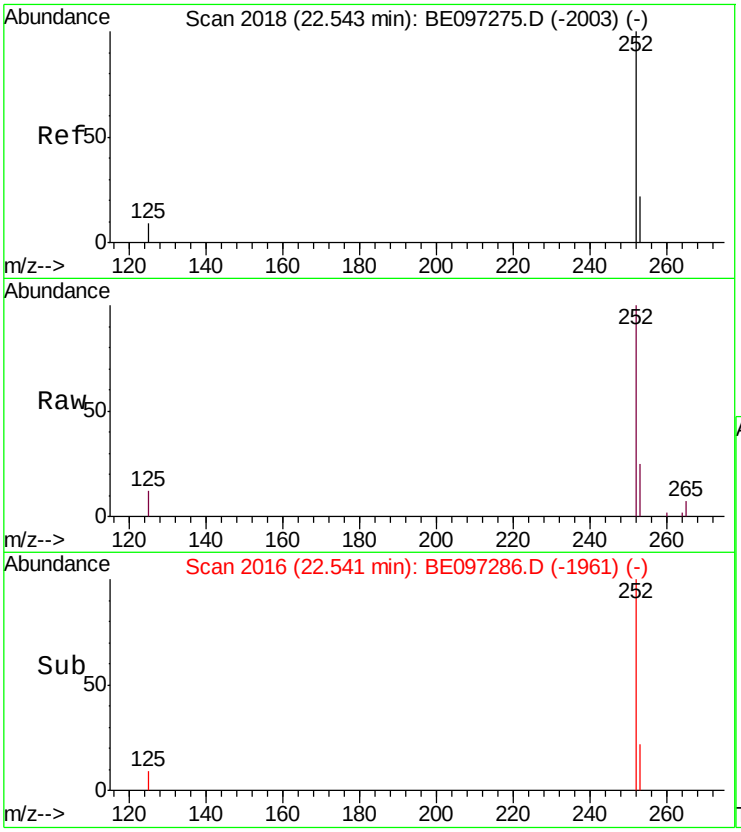


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:264 Resp: 4901

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	29.2	22.8	34.2



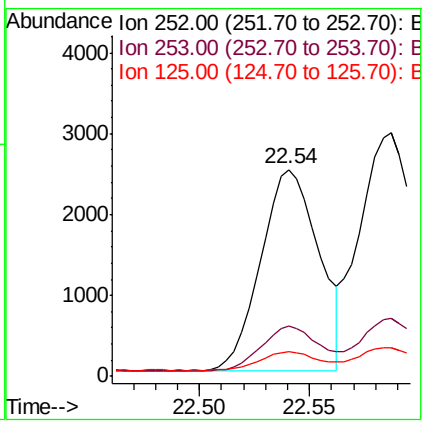


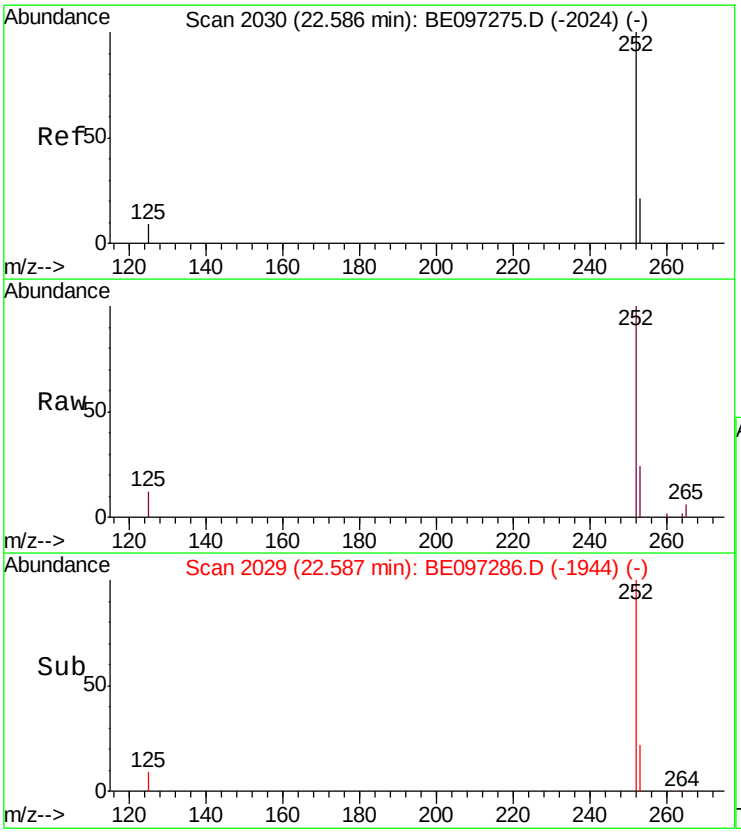
#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 4560

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.0	30.0
125	11.9	16.0	24.0#

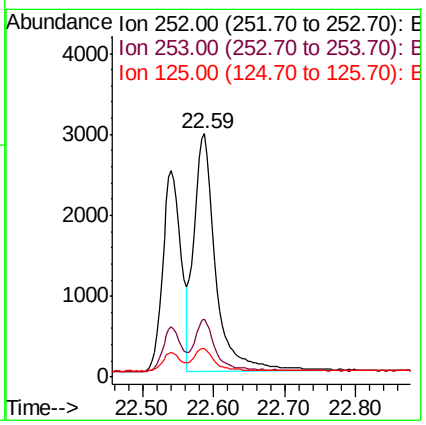


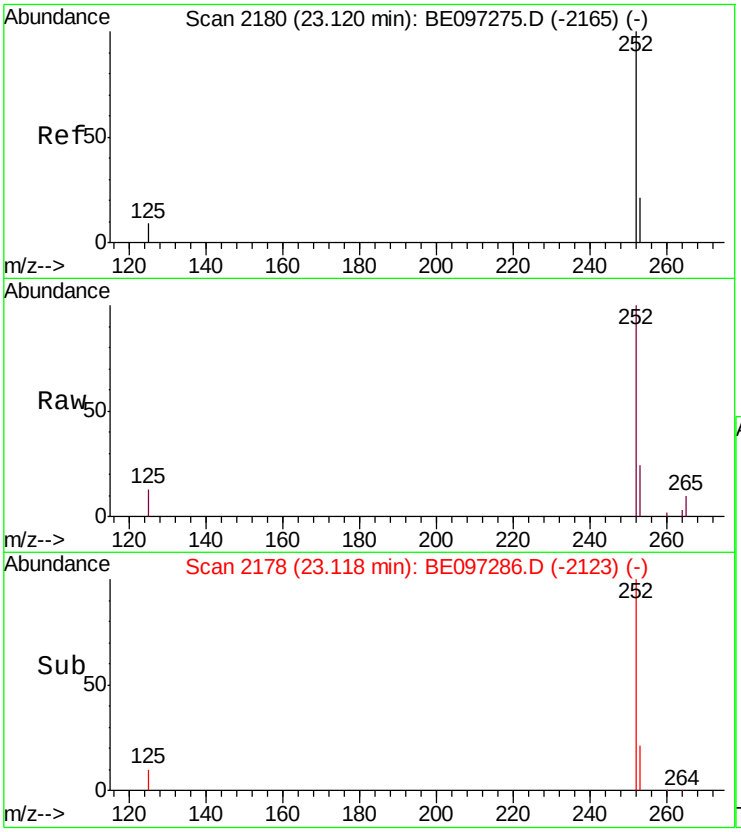


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:252 Resp: 6150

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.8	8.0	12.0



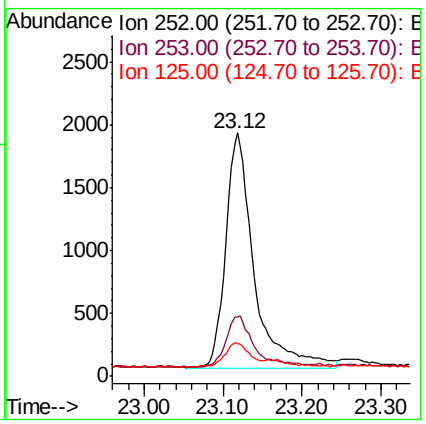


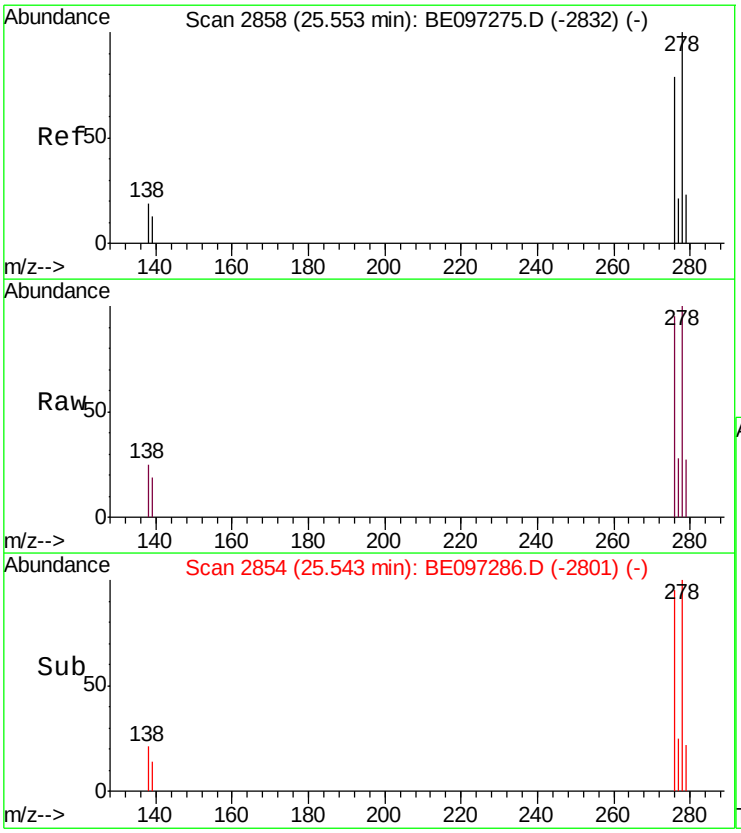
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.12 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 4630

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	13.3	12.0	18.0

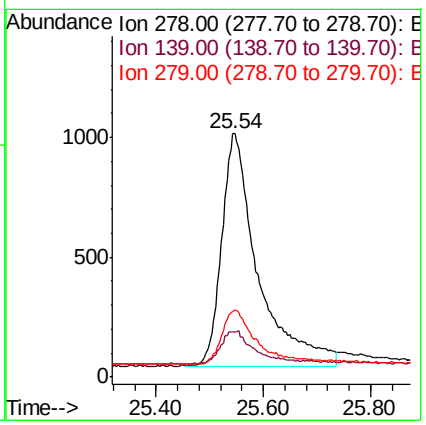


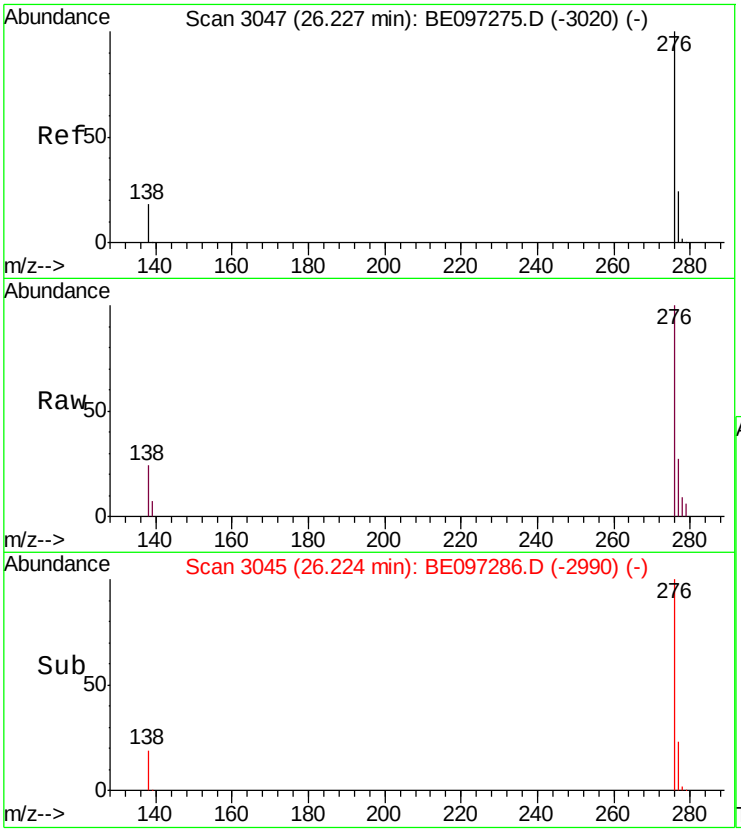


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.54 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Tgt Ion:278 Resp: 4557

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.0	24.0
279	26.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 26.22 min Scan# 3045
Delta R.T. -0.00 min
Lab File: BE097286.D
Acq: 16 Aug 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 4426

Ion	Ratio	Lower	Upper
276	100		
277	27.3	16.0	24.0#
138	23.6	20.0	30.0