Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096934.D
Acq On : 16 Jul 2018 11:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 17 16:40:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2257	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	12163	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	6791	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	15952	0.40	ng		-0.01
27) Chrysene-d12	20.98	240	14009	0.40	ng		0.00
34) Perylene-d12	23.21	264	13511	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2436	0.45	ng		0.00
5) Phenol-d6	6.58	99	3859	0.47	ng		-0.01
8) Nitrobenzene-d5	8.52	82	4024	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	11.73	152	7079	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	741	0.48	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	10758	0.43	ng		0.00
25) Fluoranthene-d10	18.81	212	53266	0.38	ng		0.00
29) Terphenyl-d14	19.43	244	11679	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1251	0.387	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	1502	0.413	ng		95
6) bis(2-Chloroethyl)ether	6.84	93	3299	0.408	ng		97
9) Naphthalene	10.20	128	44776	0.411	ng		100
10) Hexachlorobutadiene	10.50	225	1814	0.412	ng		98
12) 2-Methylnaphthalene	11.81	142	7656	0.415	ng		99
16) Acenaphthylene	13.74	152	12489	0.403	ng		100
17) Acenaphthene	14.08	154	7949	0.412	ng		95
18) Fluorene	15.08	166	9015	0.416	ng	#	80
20) 4-Bromophenyl-phenylether	15.97	248	3107	0.412	ng	#	69
21) Hexachlorobenzene	16.08	284	3378	0.403	ng	#	80
22) Pentachlorophenol	16.43	266	648	0.516	ng	#	75
23) Phenanthrene	16.81	178	15604	0.408	ng		98
24) Anthracene	16.91	178	13830	0.416	ng		96
26) Fluoranthene	18.84	202	16609	0.412	ng		99
28) Pyrene	19.20	202	16565	0.401	ng		99
30) Benzo(a)anthracene	20.95	228	14163	0.425	ng		98
31) Chrysene	21.01	228	15070	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	15122	0.454	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	14023	0.514	ng	#	82
35) Benzo(b)fluoranthene	22.54	252	12621	0.366	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	15266	0.372	ng		96
37) Benzo(a)pyrene	23.11	252	11885	0.404	ng	#	93
38) Dibenzo(a,h)anthracene	25.53	278	11678	0.464	ng		98
39) Benzo(g,h,i)perylene	26.20	276	11912	0.425	ng	#	93

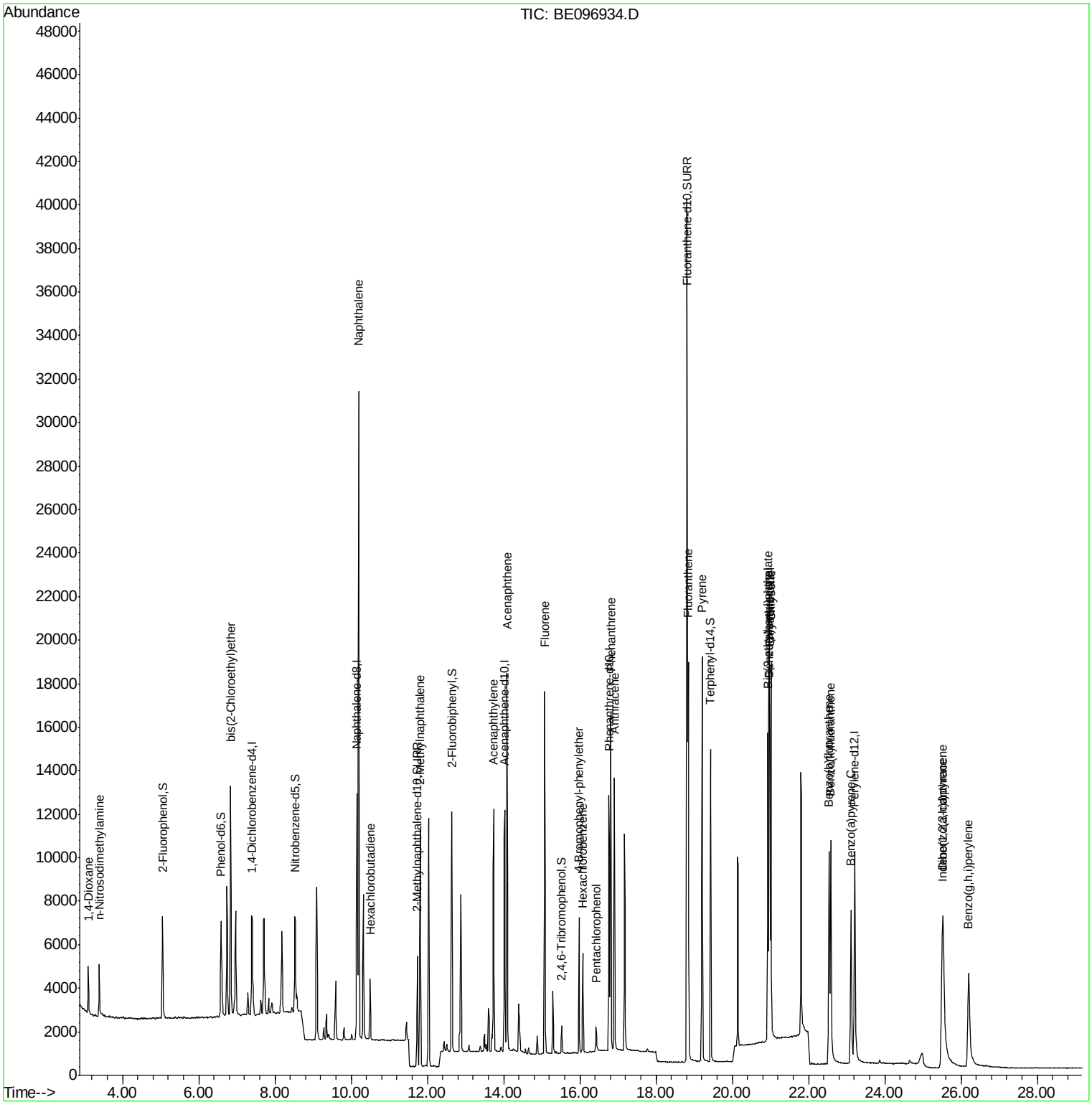
(#) = qualifier out of range (m) = manual integration (+) = signals summed

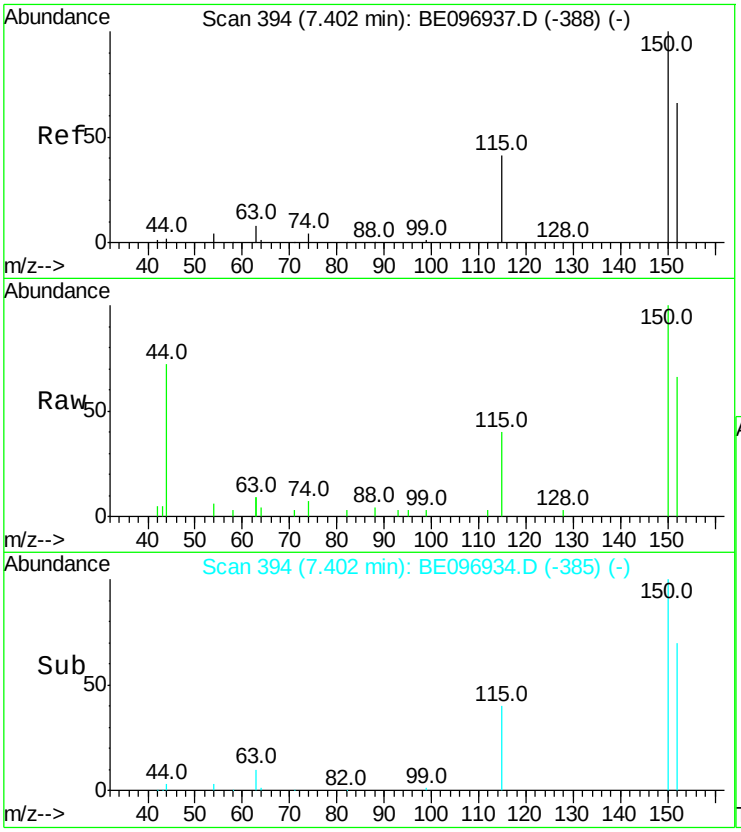
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096934.D
Acq On : 16 Jul 2018 11:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 17 16:40:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration



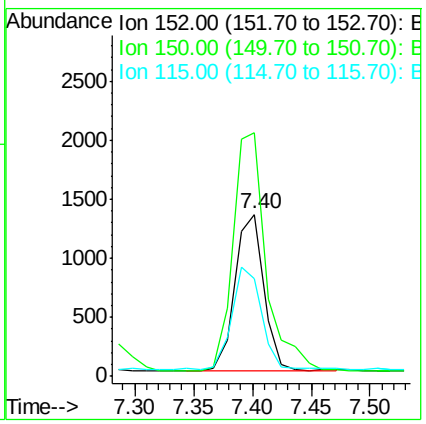


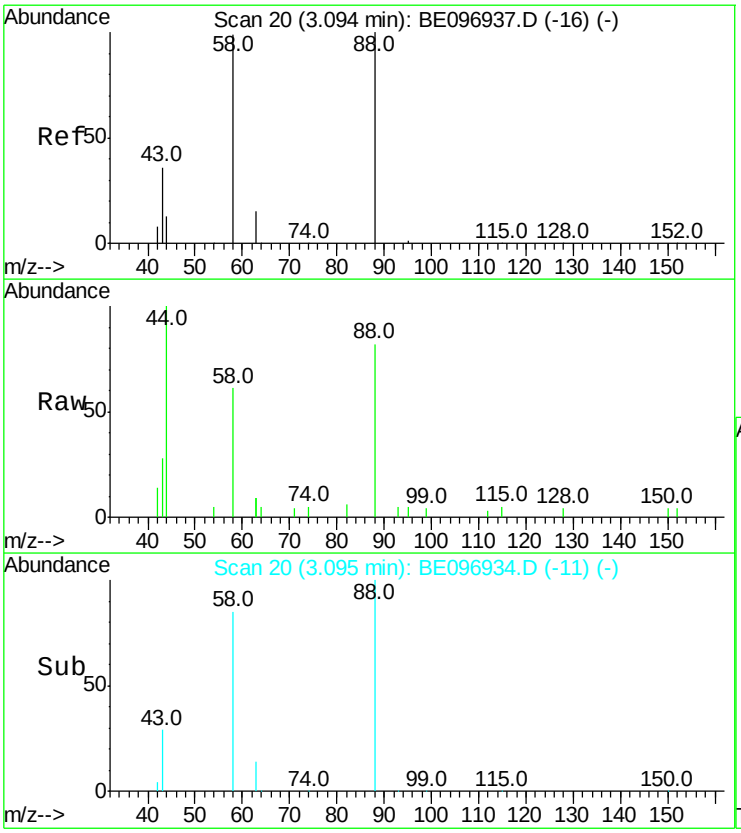
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2257

Ion	Ratio	Lower	Upper
152	100		
150	150.5	117.2	175.8
115	60.3	57.0	85.6

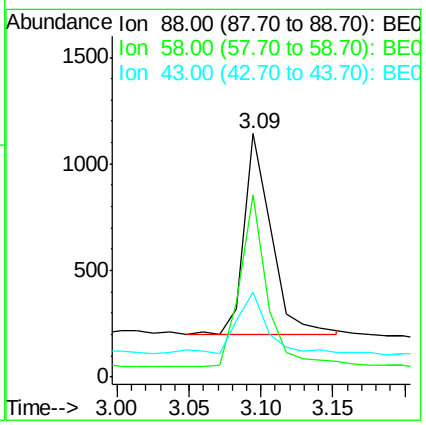


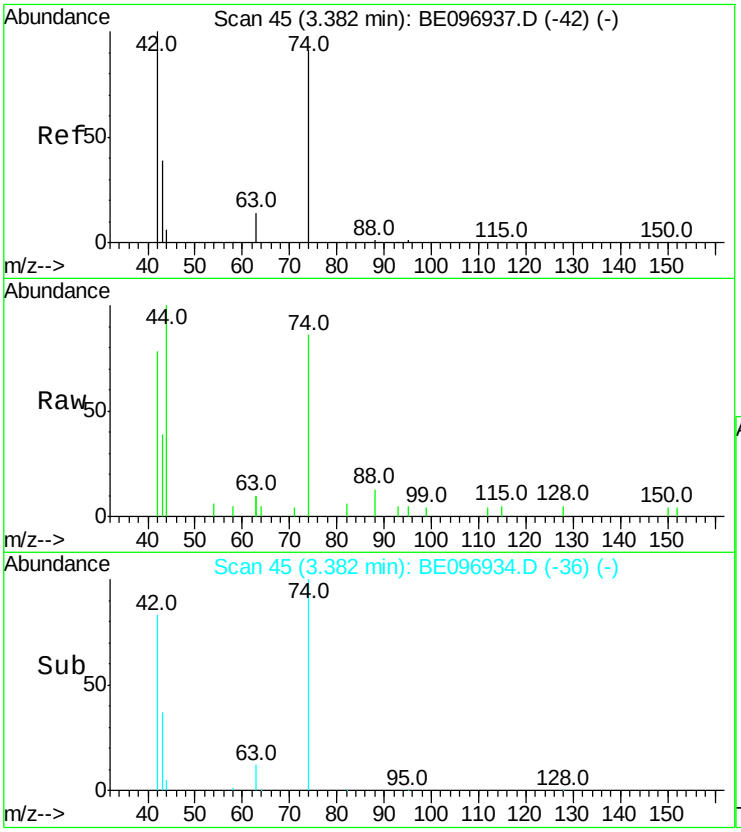


#2
1,4-Dioxane
Concen: 0.387 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion: 88 Resp: 1251

Ion	Ratio	Lower	Upper
88	100		
58	84.1	63.2	94.8
43	33.7	41.2	61.8#



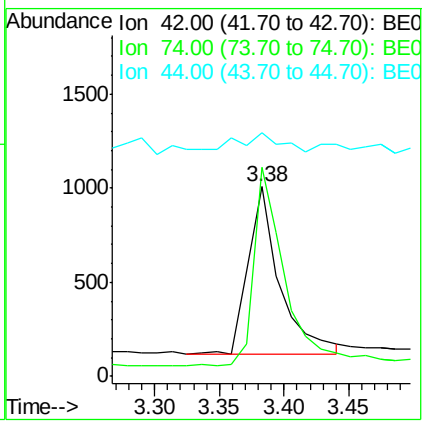


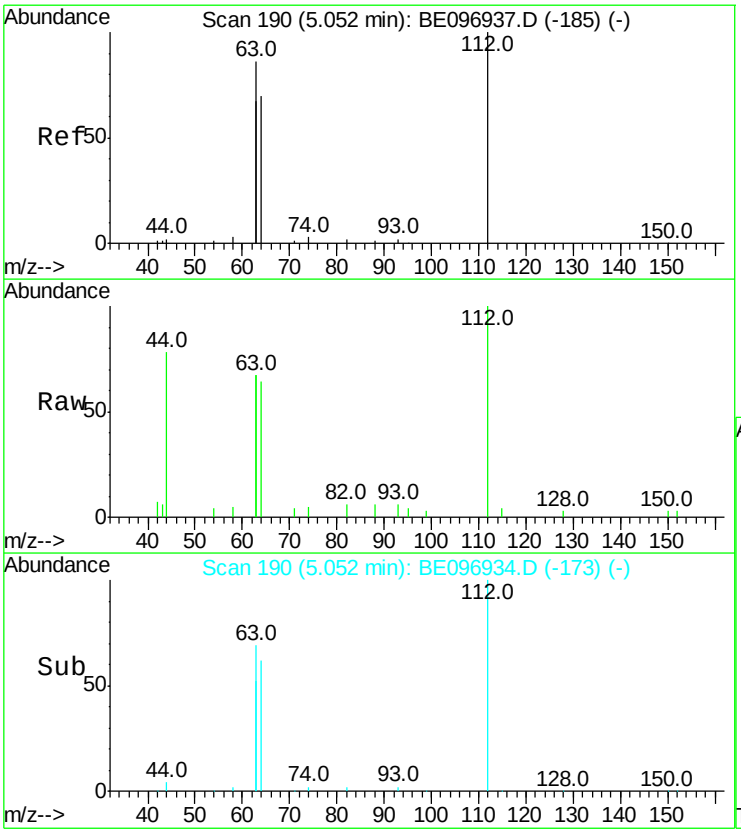
#3
n-Nitrosodimethylamine
Concen: 0.413 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1502

Ion	Ratio	Lower	Upper
42	100		
74	114.2	96.0	144.0
44	14.8	12.0	18.0

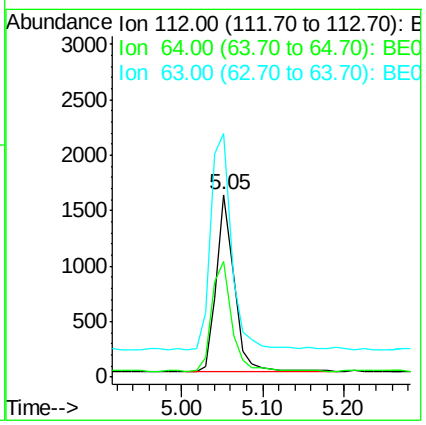


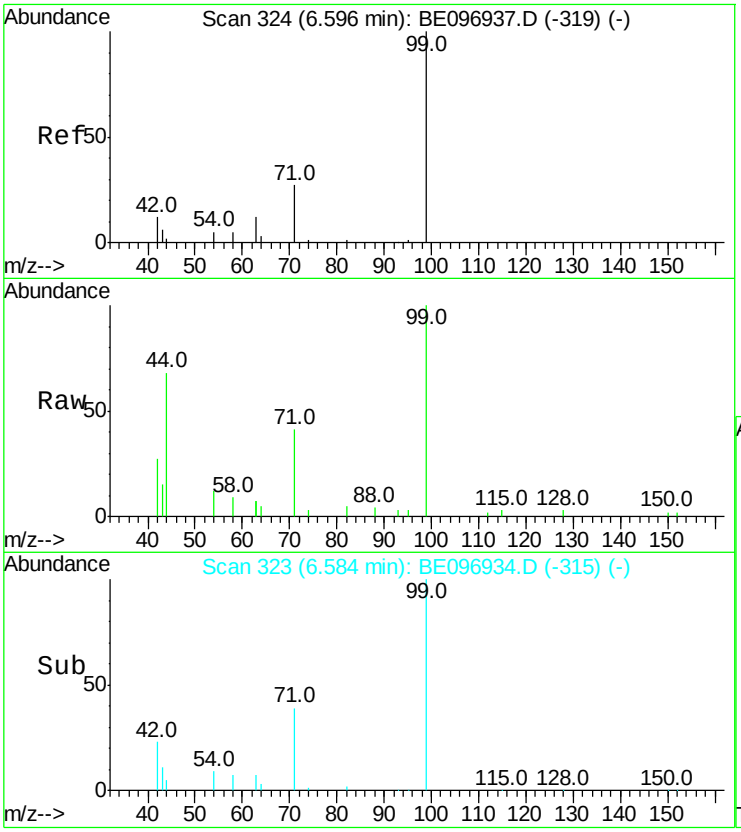


#4
2-Fluorophenol
Concen: 0.451 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:112 Resp: 2436

Ion	Ratio	Lower	Upper
112	100		
64	69.5	60.1	90.1
63	146.3	116.8	175.2



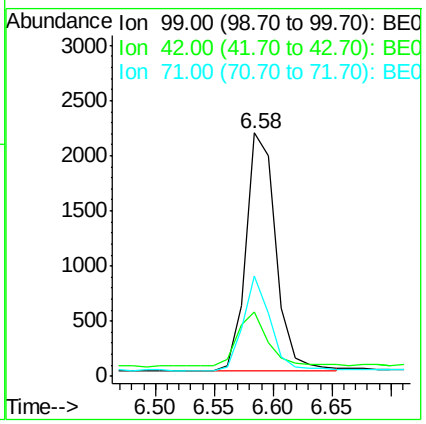


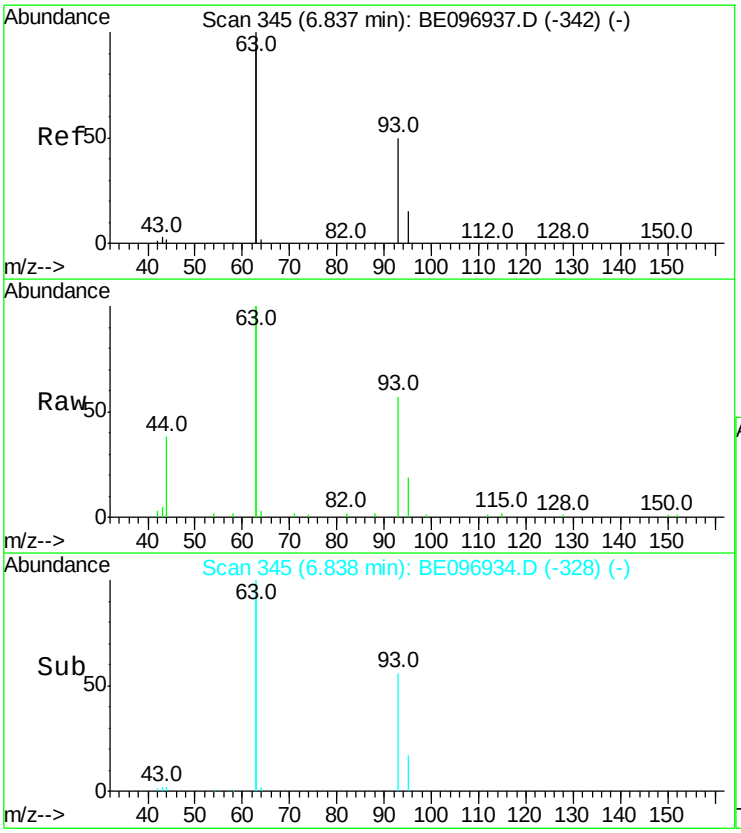
#5
Phenol-d6
Concen: 0.468 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3859

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.2	30.2
71	35.8	28.4	42.6

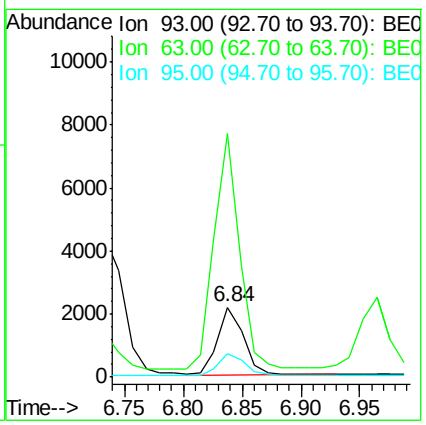


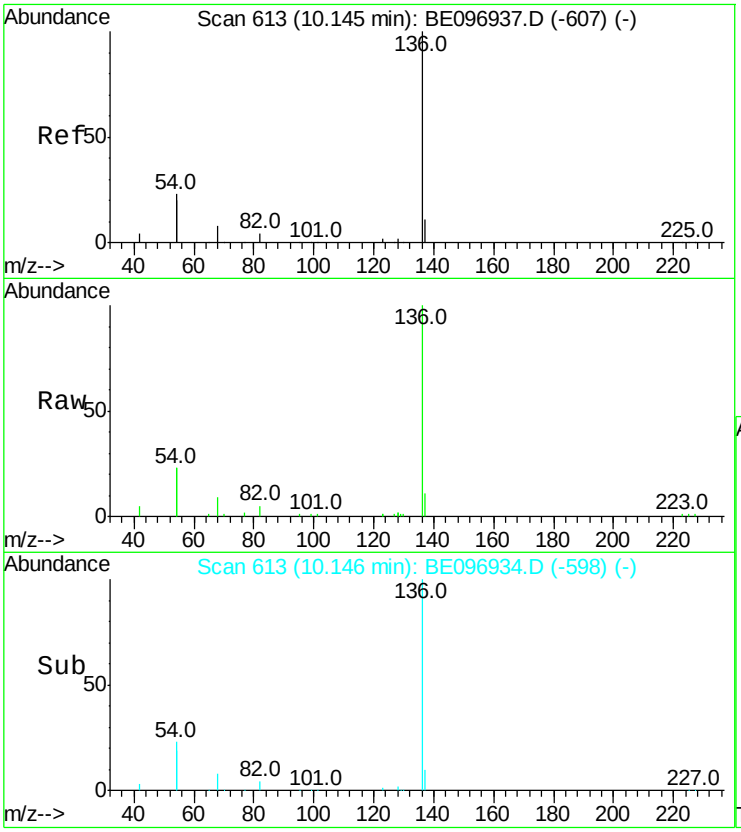


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion: 93 Resp: 3299

Ion	Ratio	Lower	Upper
93	100		
63	336.8	275.3	412.9
95	31.8	25.2	37.8



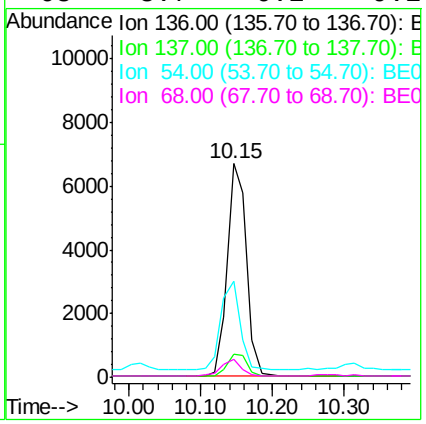


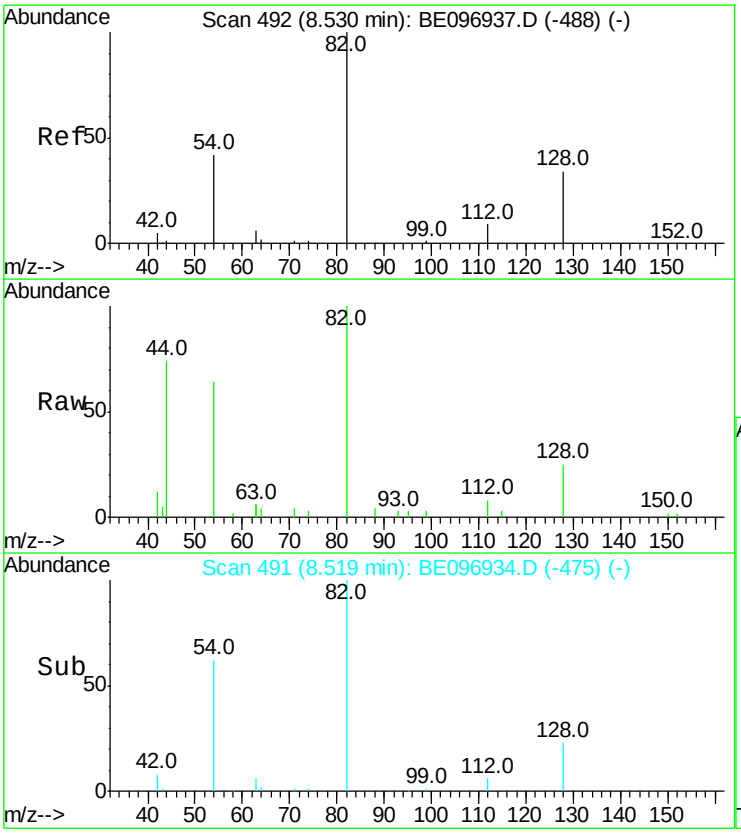
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12163

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	45.2	29.1	43.7#
68	8.7	6.2	9.2

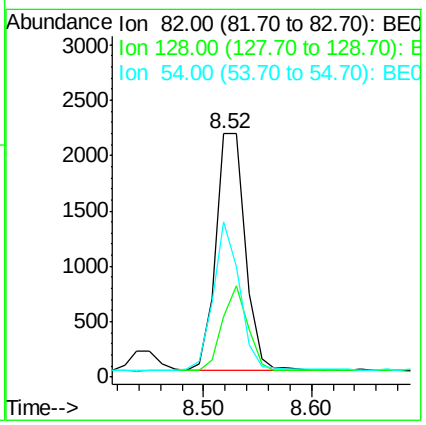


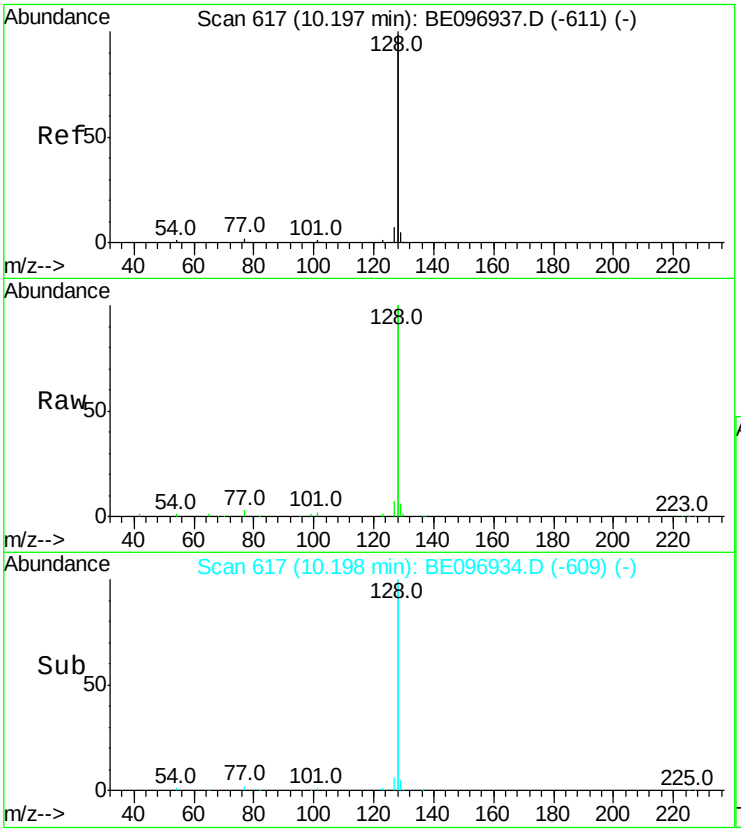


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion: 82 Resp: 4024

Ion	Ratio	Lower	Upper
82	100		
128	24.9	24.0	36.0
54	63.6	40.0	60.0#



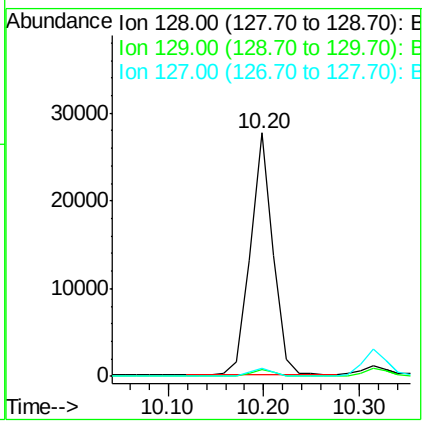


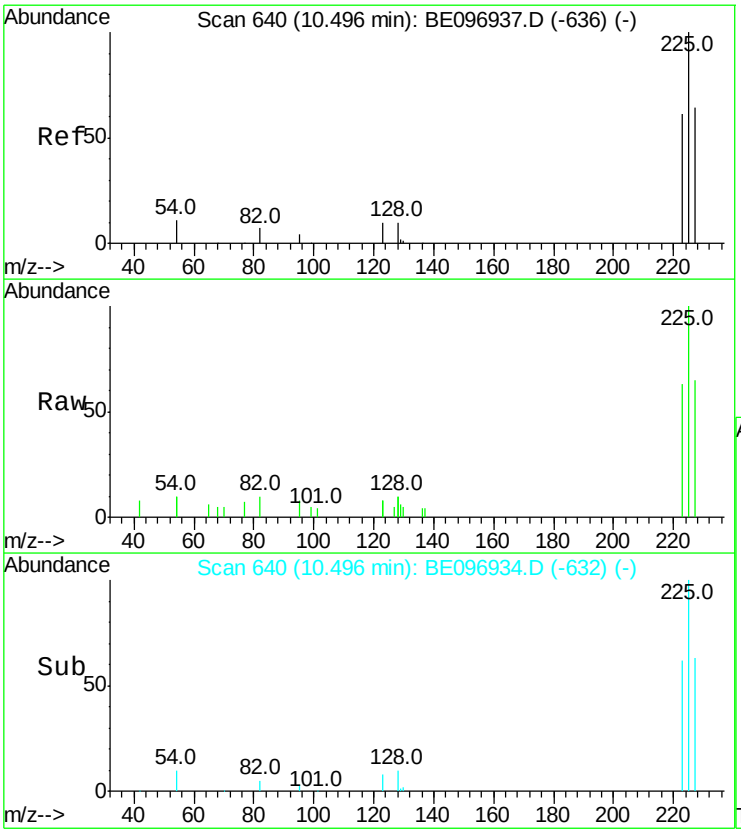
#9
Naphthalene
Concen: 0.411 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 44776

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2

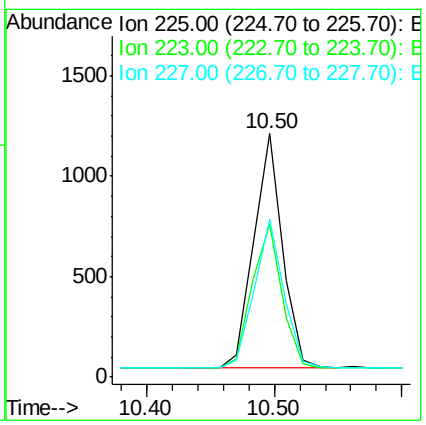


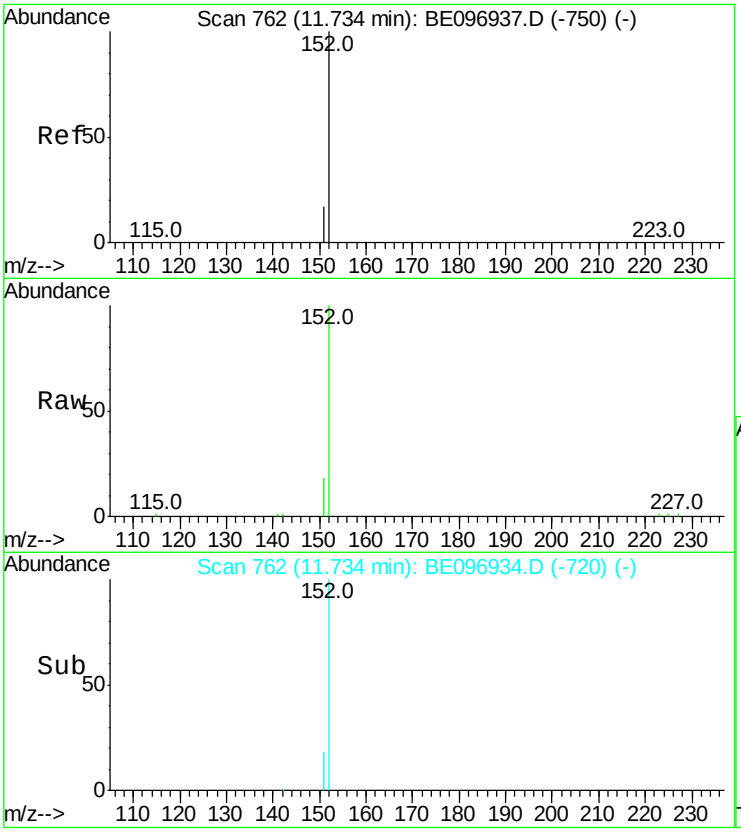


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:225 Resp: 1814

Ion	Ratio	Lower	Upper
225	100		
223	63.9	53.0	79.6
227	65.0	51.4	77.2



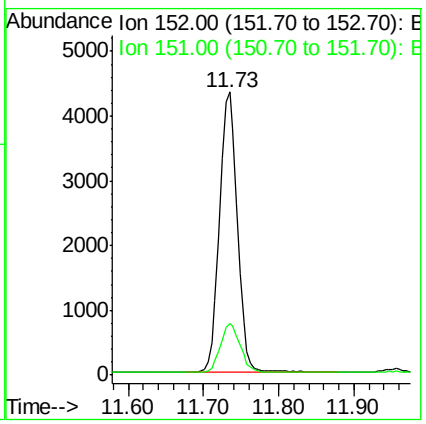


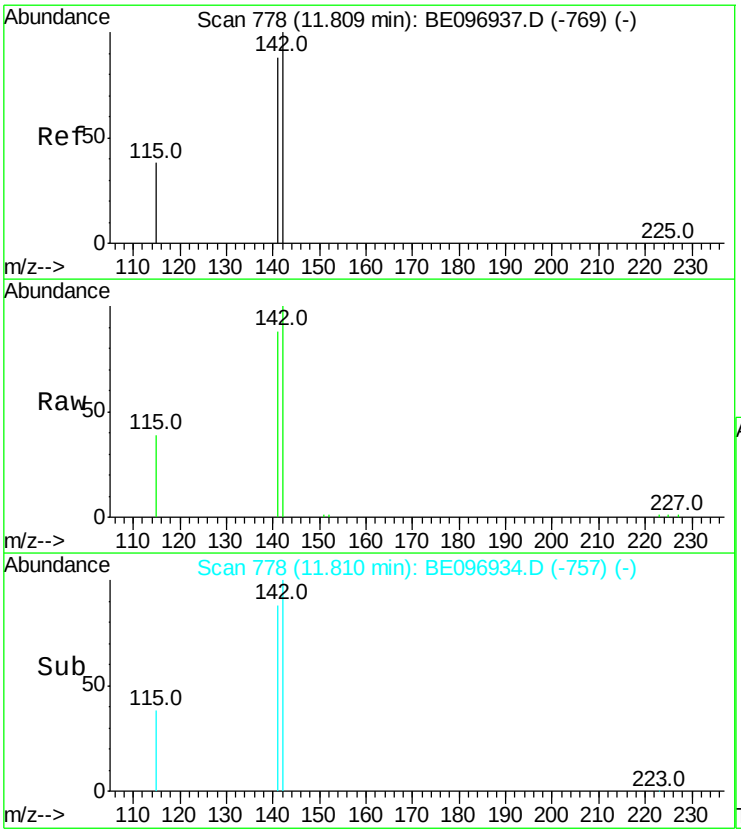
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7079

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

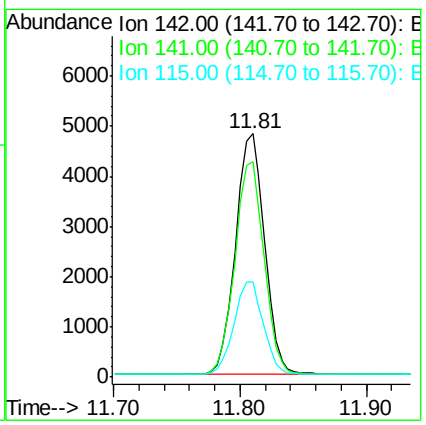


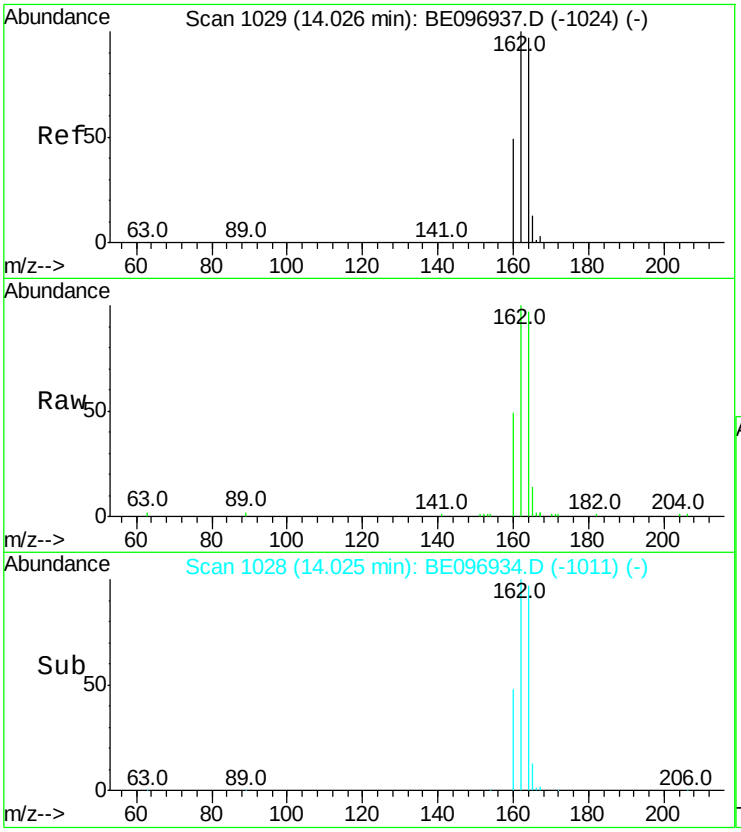


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:142 Resp: 7656

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	39.1	31.7	47.5



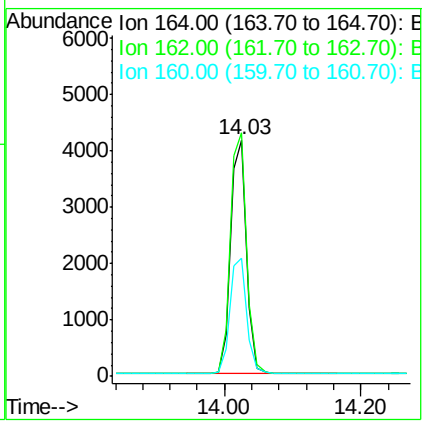


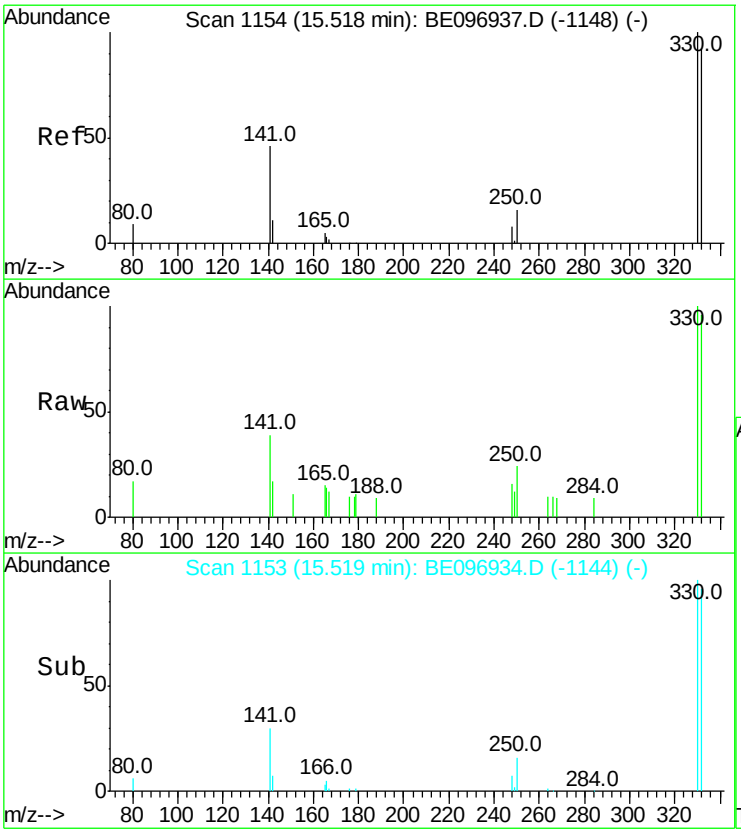
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6791

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.1	124.7
160	50.1	37.1	55.7

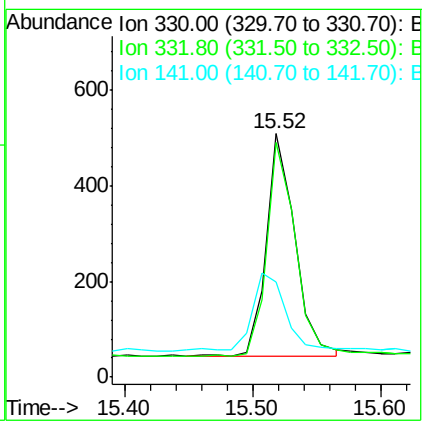


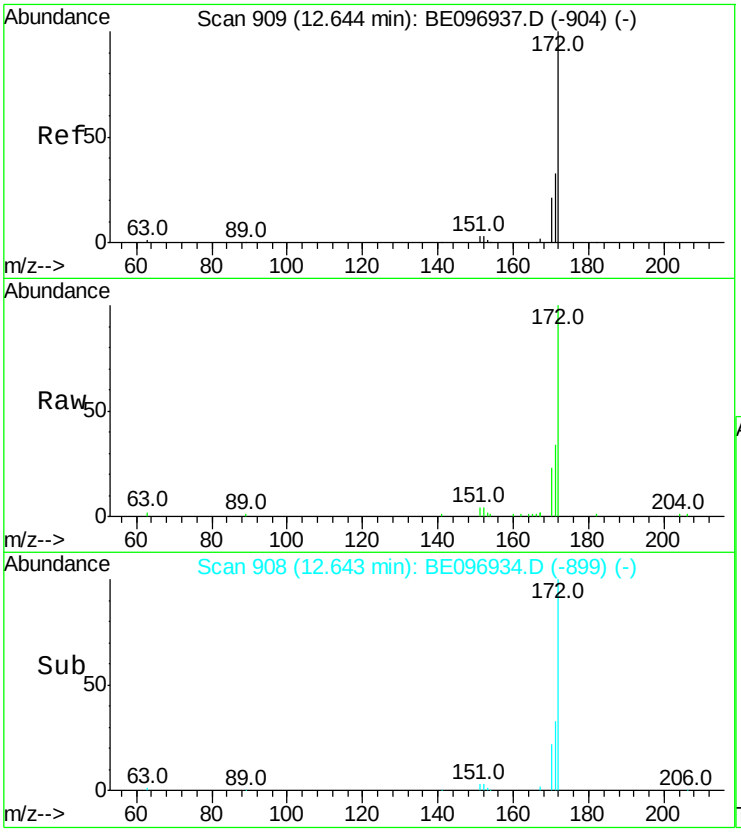


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:330 Resp: 741

Ion	Ratio	Lower	Upper
330	100		
332	93.8	152.7	229.1#
141	40.4	33.7	50.5



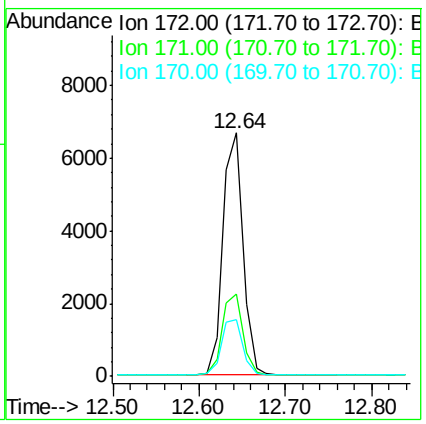


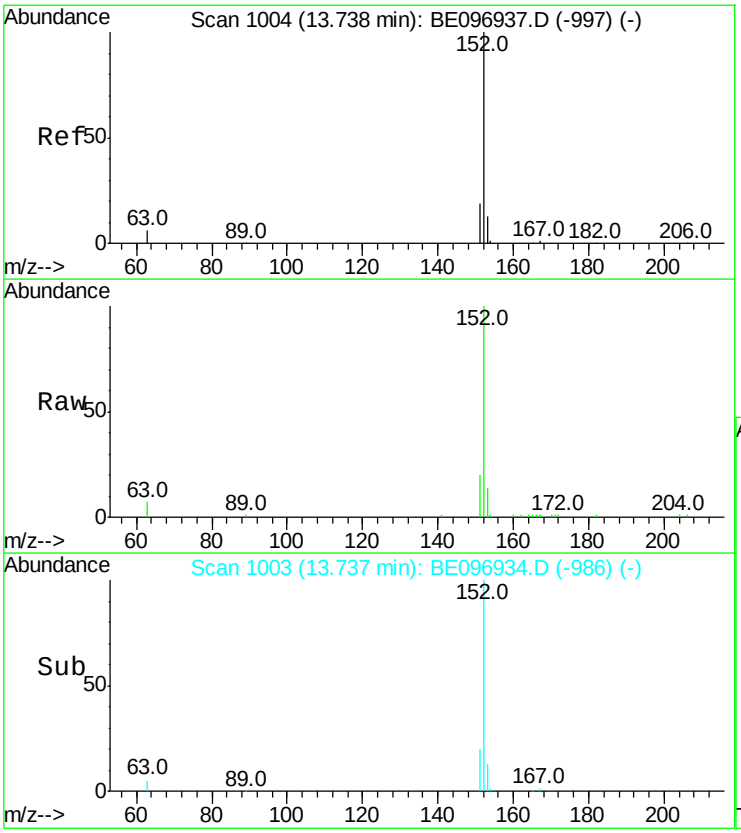
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10758

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	23.1	21.8	32.8

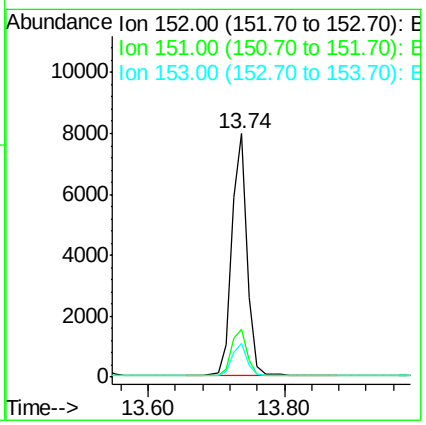


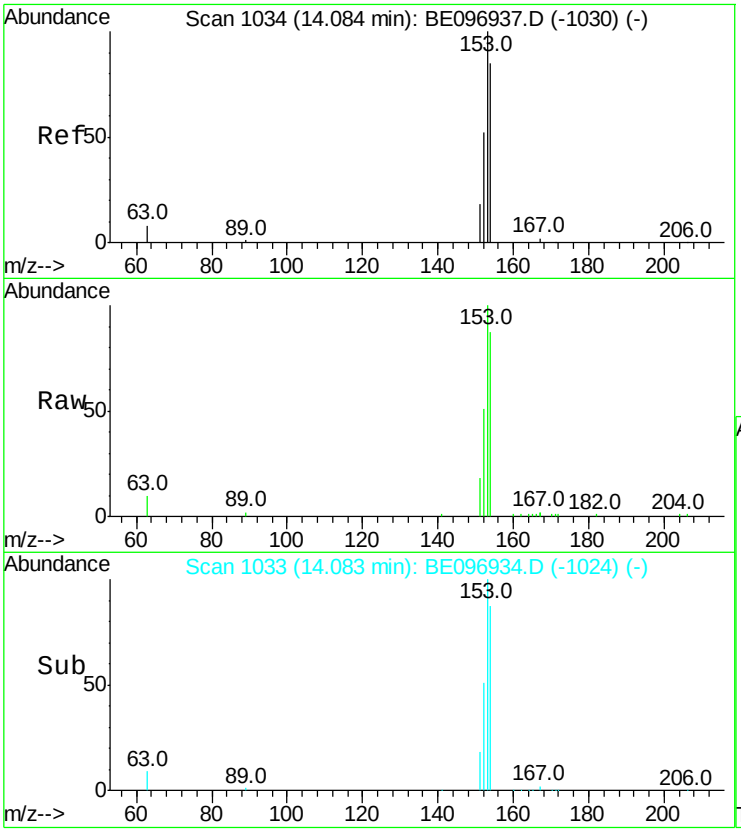


#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:152 Resp: 12489

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.5	15.7



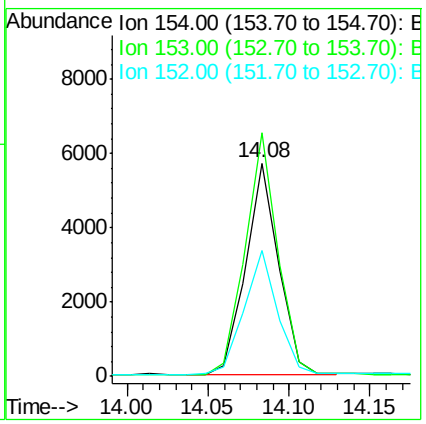


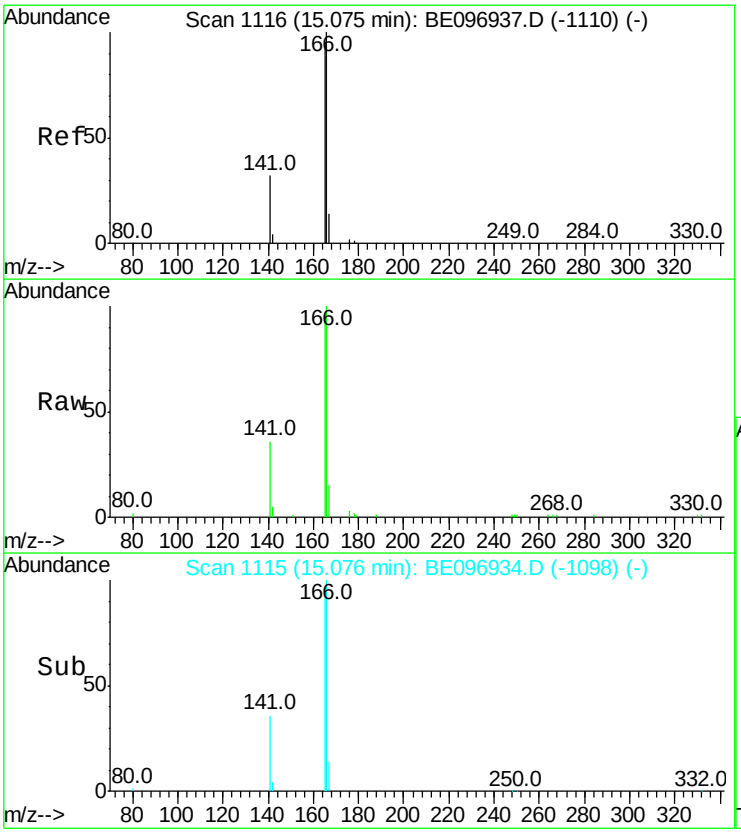
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7949

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	59.9	42.0	63.0

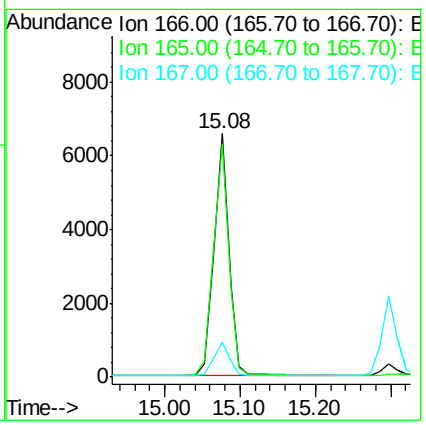


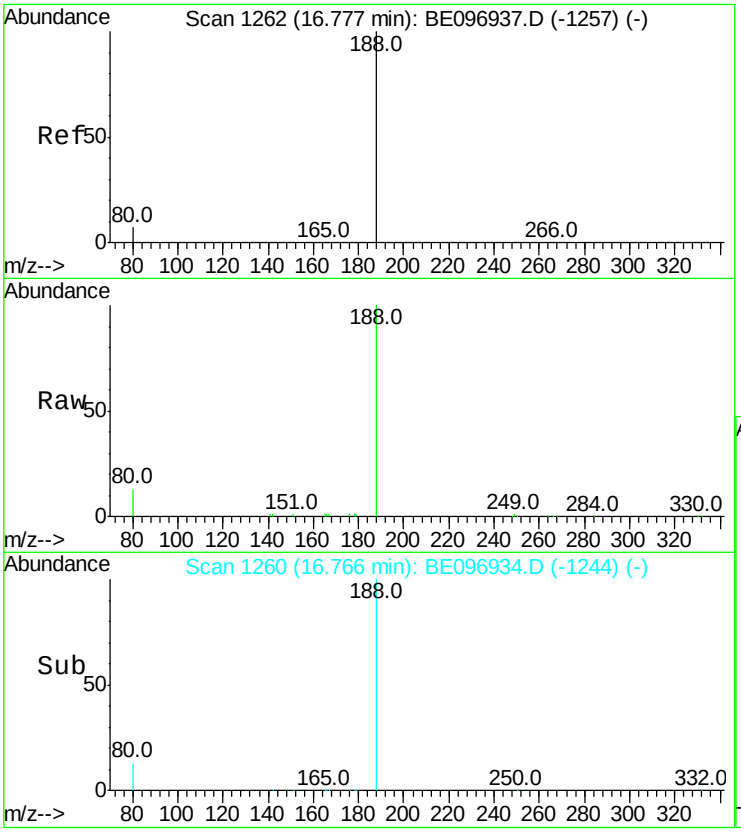


#18
Fluorene
Concen: 0.416 ng
RT: 15.08 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:166 Resp: 9015

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	14.3	42.4	63.6#



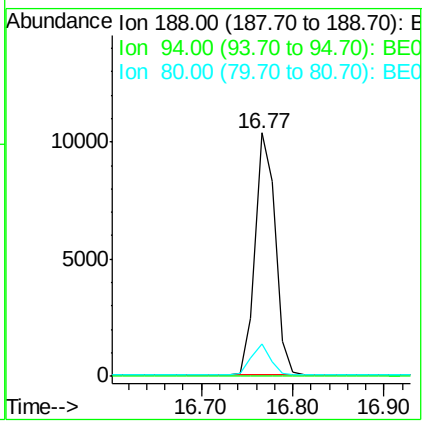


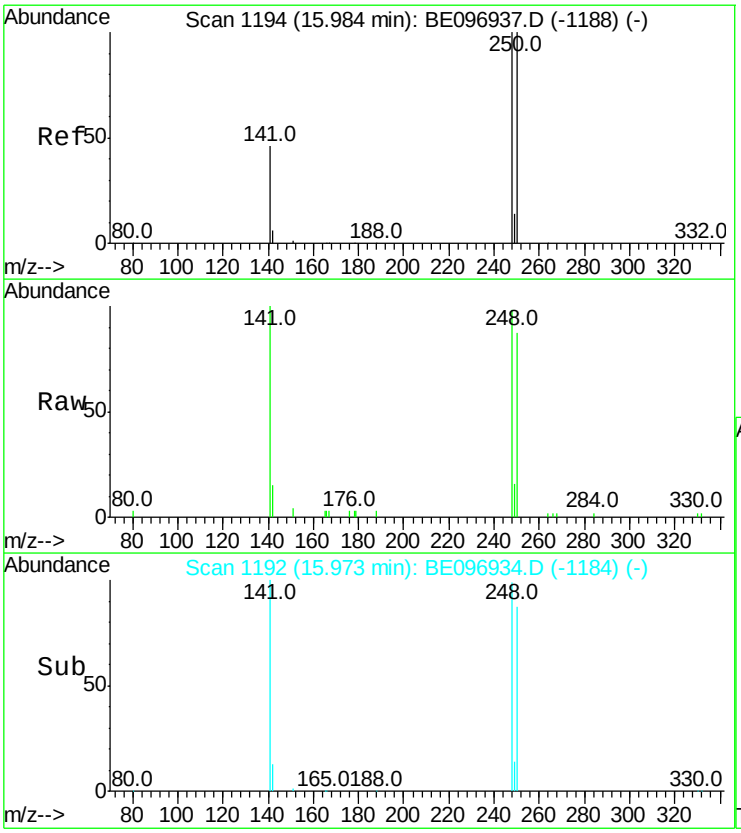
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15952

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.5	3.6	5.4#

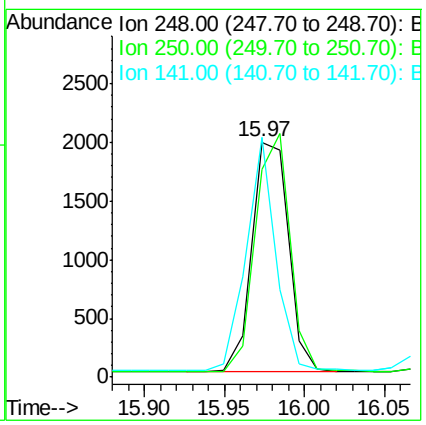


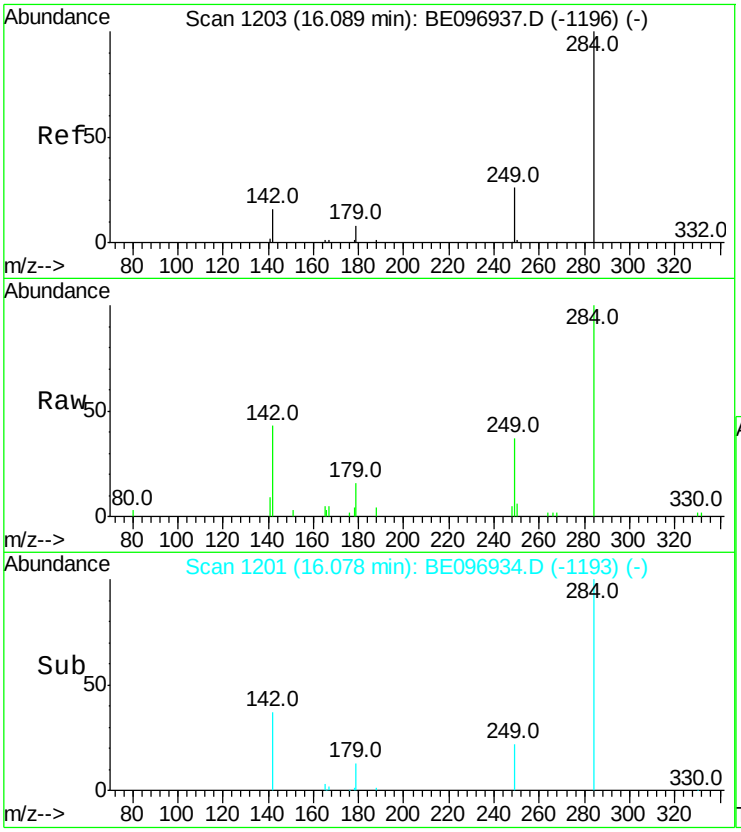


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:248 Resp: 3107

Ion	Ratio	Lower	Upper
248	100		
250	88.6	62.7	94.1
141	102.1	48.2	72.2#



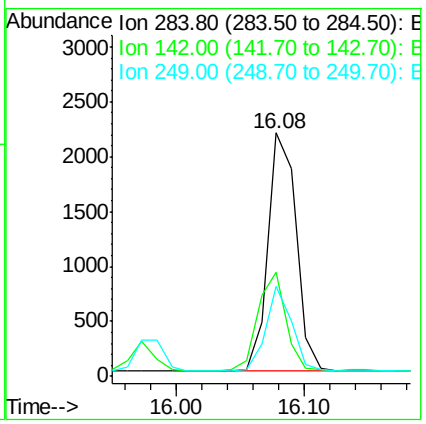


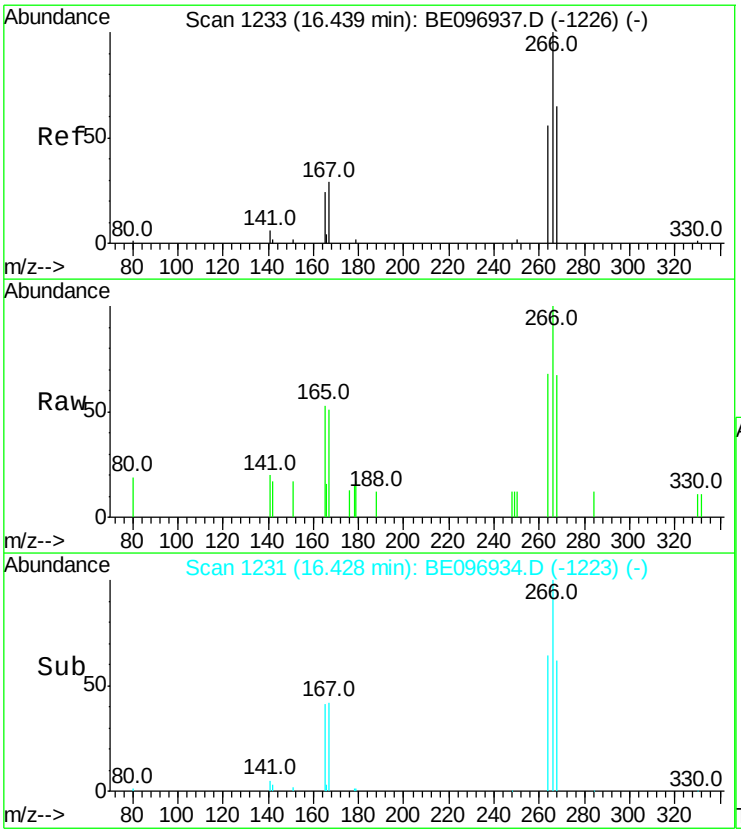
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3378

Ion	Ratio	Lower	Upper
284	100		
142	40.1	22.1	33.1#
249	32.1	34.8	52.2#

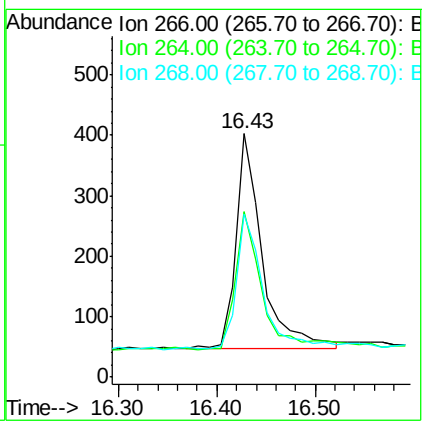


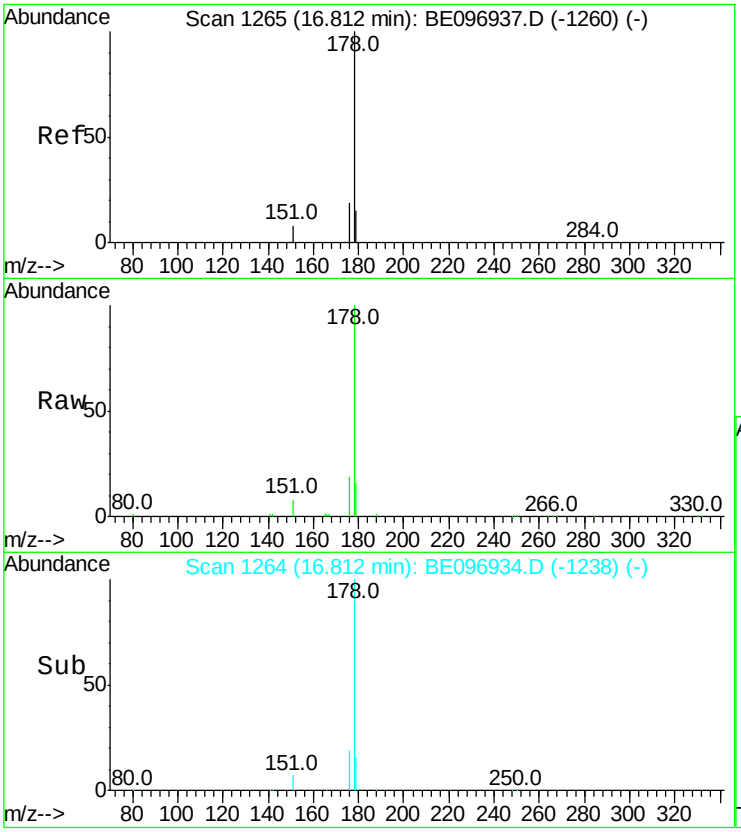


#22
Pentachlorophenol
Concen: 0.516 ng
RT: 16.43 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:266 Resp: 648

Ion	Ratio	Lower	Upper
266	100		
264	68.2	72.5	108.7#
268	66.7	73.8	110.6#



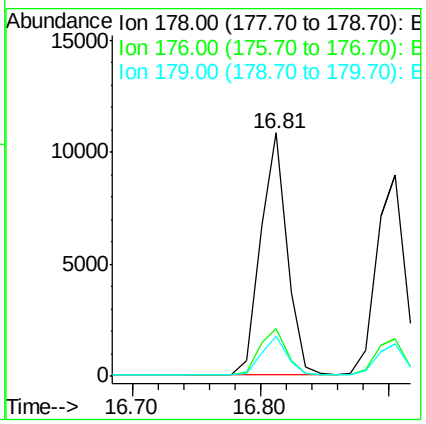


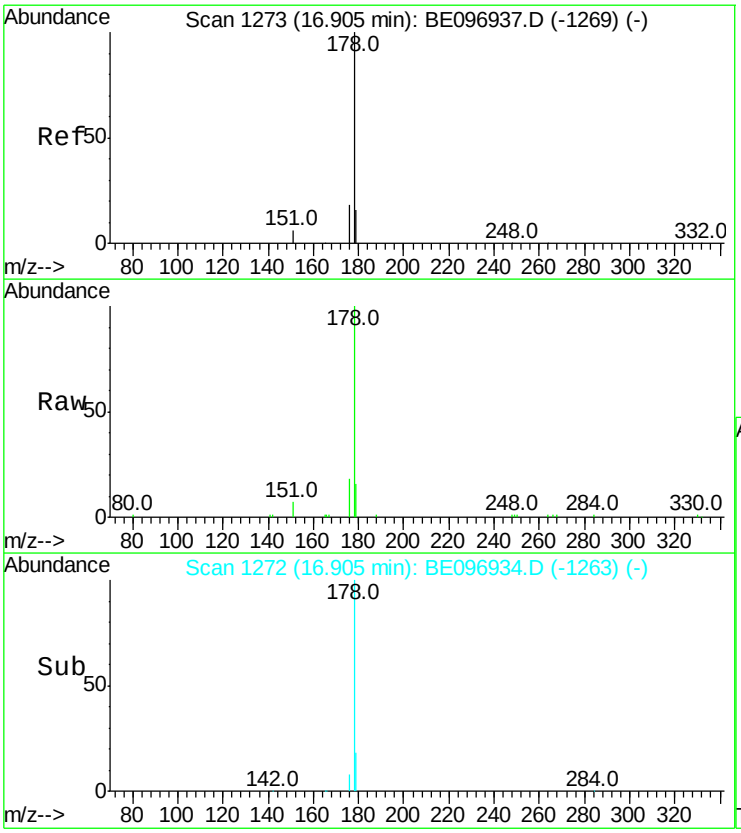
#23
Phenanthrene
Concen: 0.408 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 15604

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.6	11.8	17.6

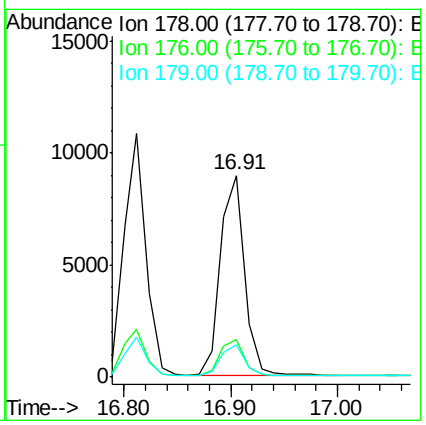


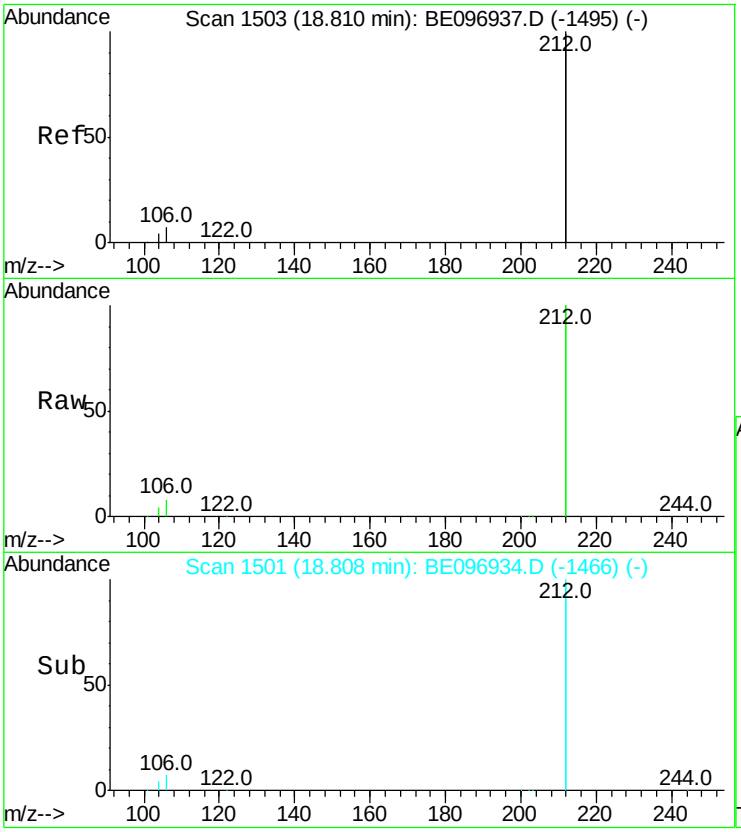


#24
Anthracene
Concen: 0.416 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:178 Resp: 13830

Ion	Ratio	Lower	Upper
178	100		
176	18.5	12.8	19.2
179	15.3	13.0	19.6



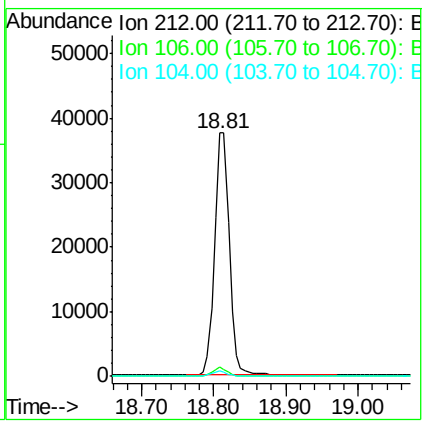


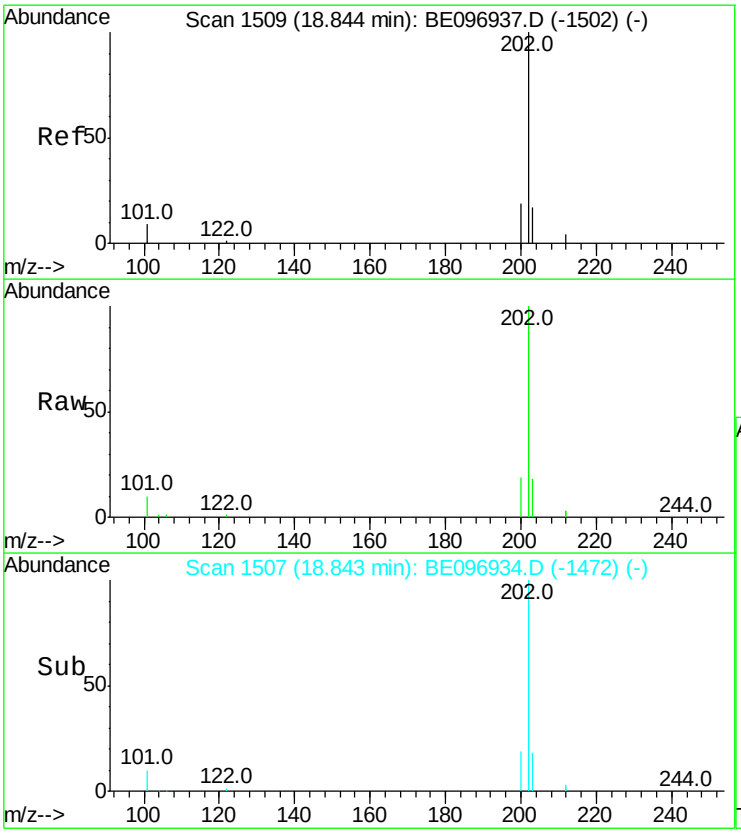
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.81 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 53266

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

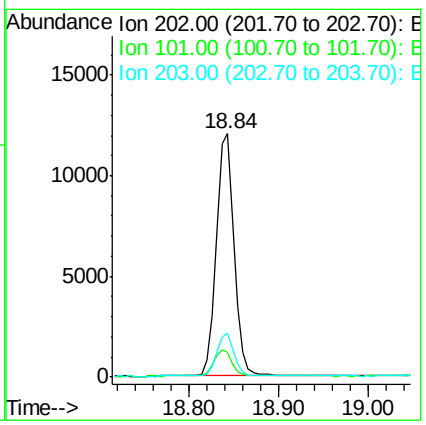


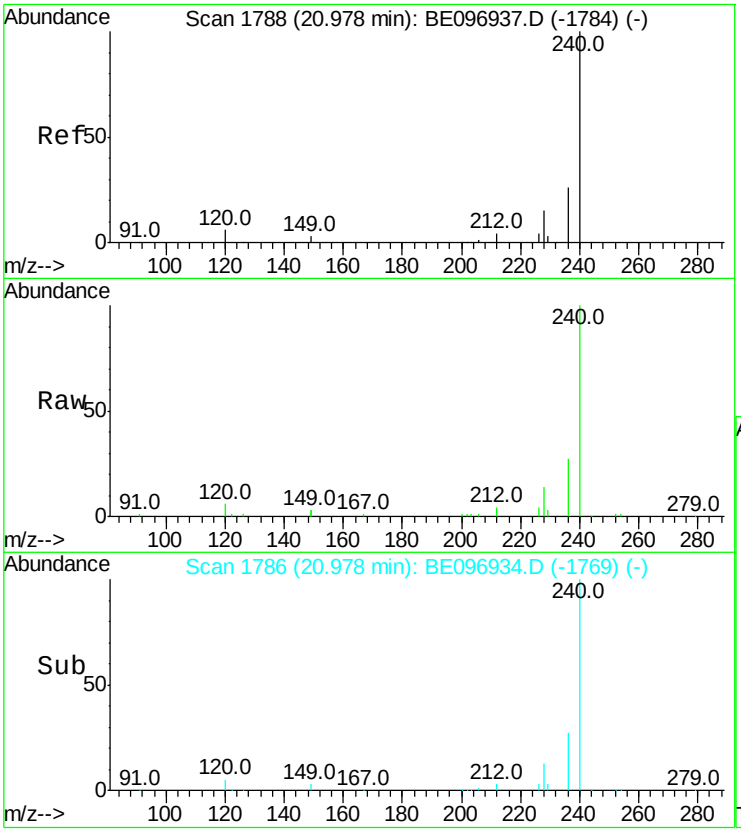


#26
Fluoranthene
Concen: 0.412 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:202 Resp: 16609

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	17.1	13.7	20.5



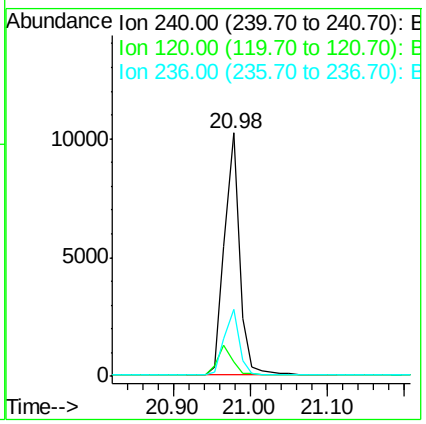


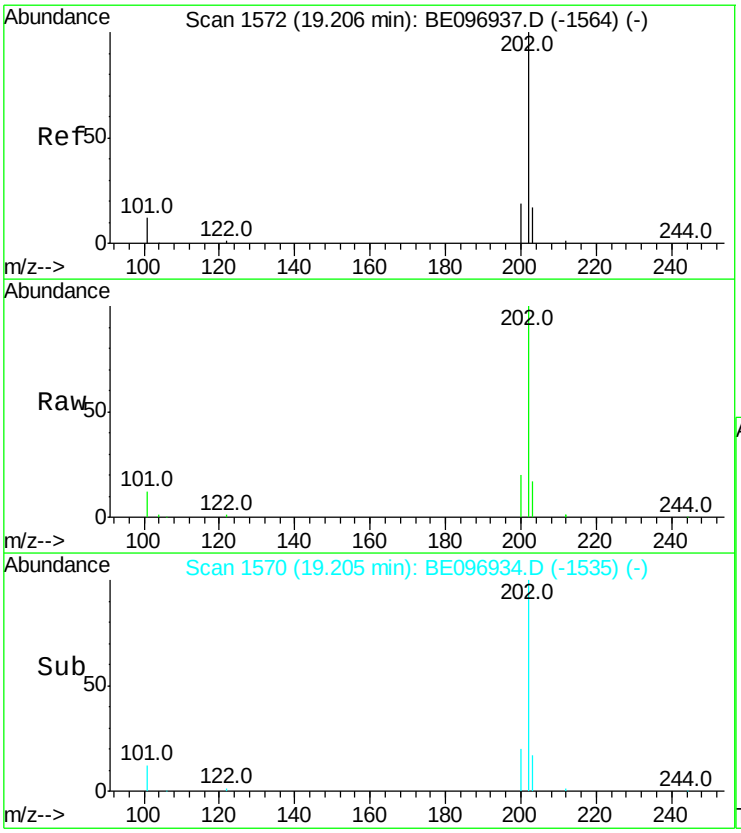
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14009

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.5	8.3
236	27.4	20.7	31.1

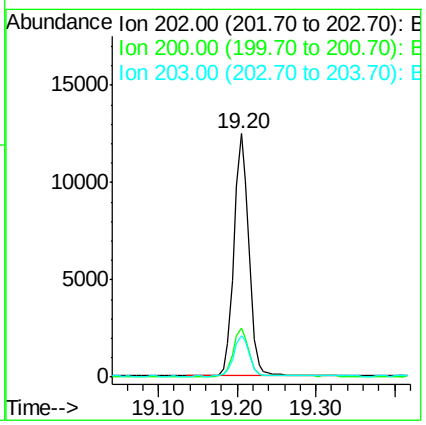


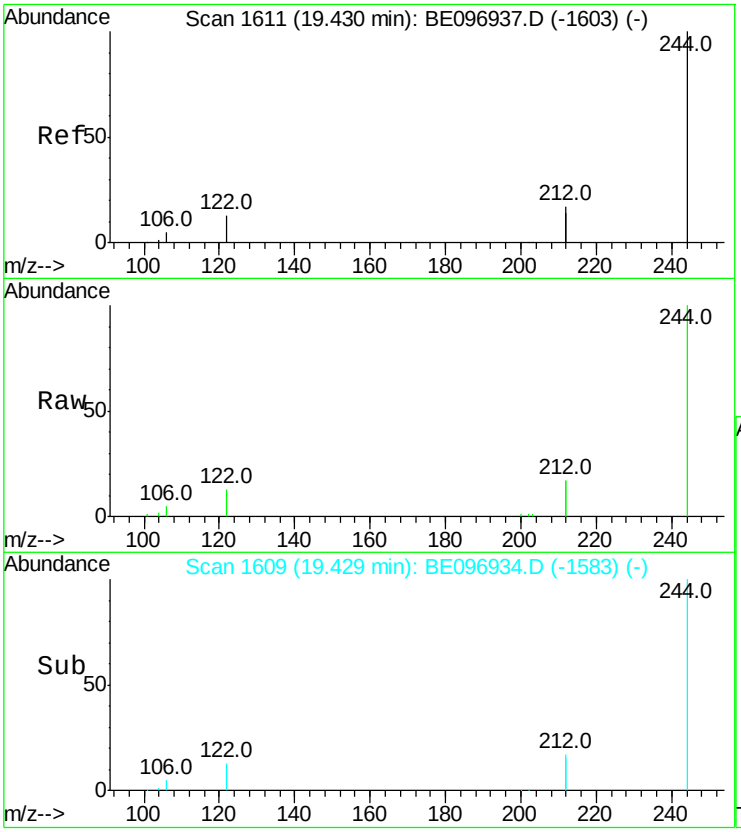


#28
Pyrene
Concen: 0.401 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:202 Resp: 16565

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.5	13.8	20.8



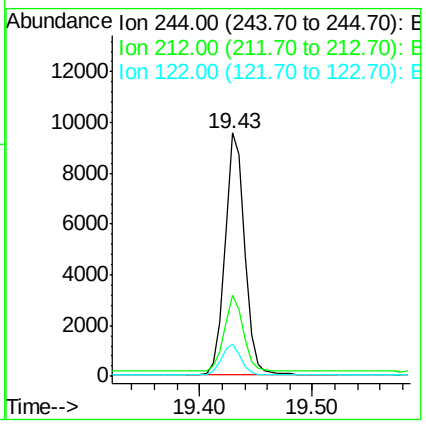


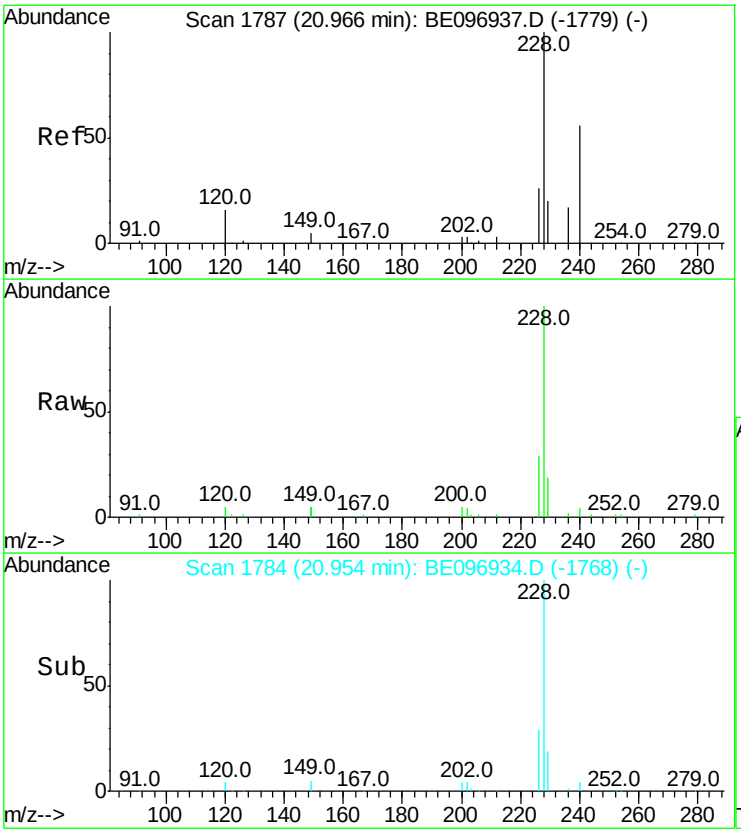
#29
Terphenyl-d14
Concen: 0.432 ng
RT: 19.43 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 11679

Ion	Ratio	Lower	Upper
244	100		
212	33.4	25.4	38.0
122	13.2	8.1	12.1#

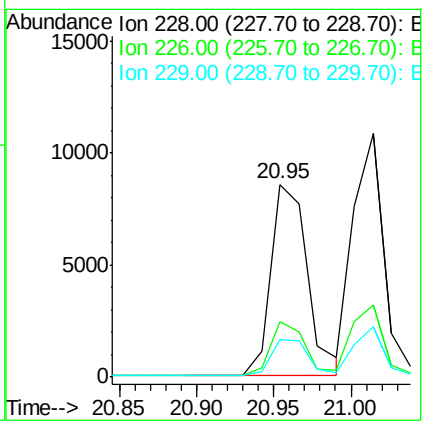


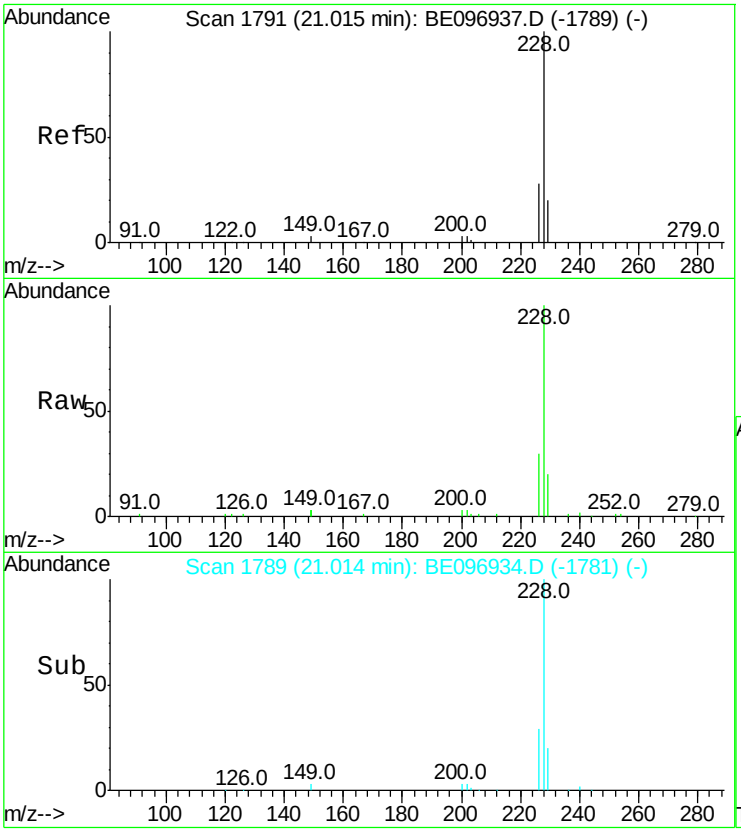


#30
Benzo(a)anthracene
Concen: 0.425 ng
RT: 20.95 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:228 Resp: 14163

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	19.2	16.0	24.0



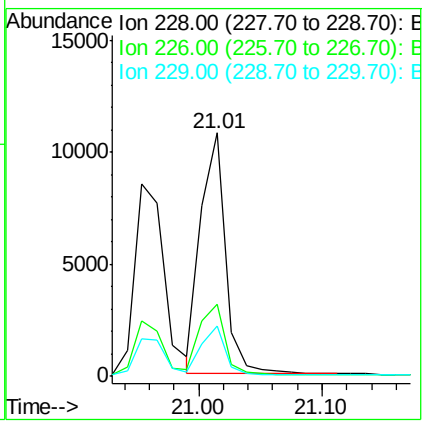


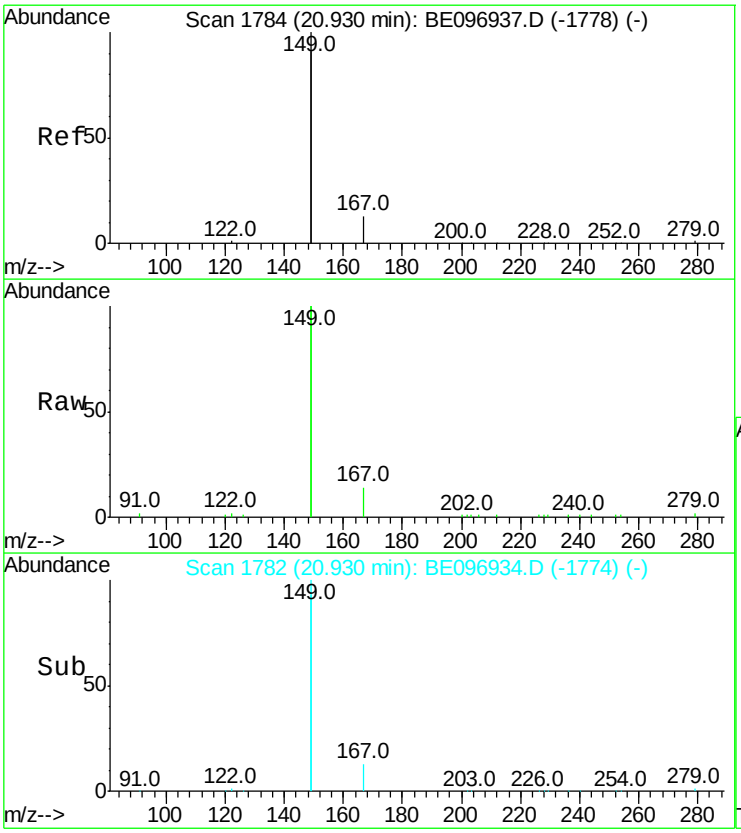
#31
Chrysene
Concen: 0.403 ng
RT: 21.01 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 15070

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.4	16.0	24.0

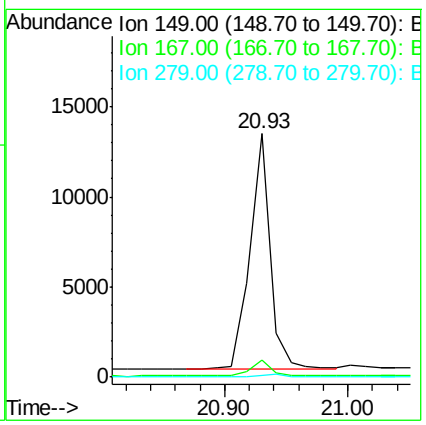


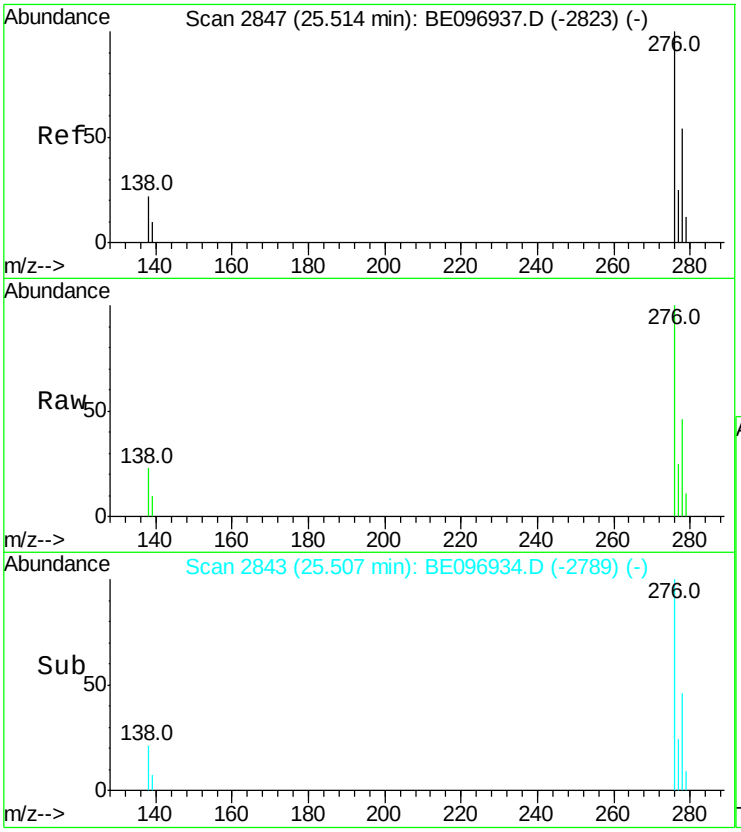


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.454 ng
RT: 20.93 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:149 Resp: 15122

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



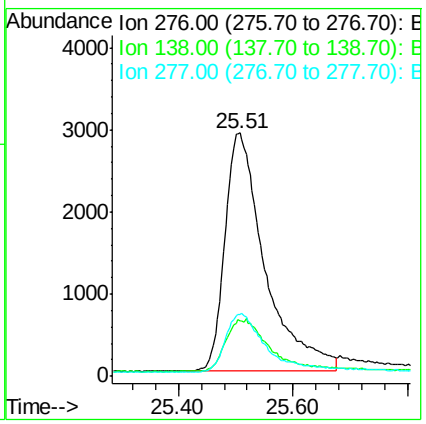


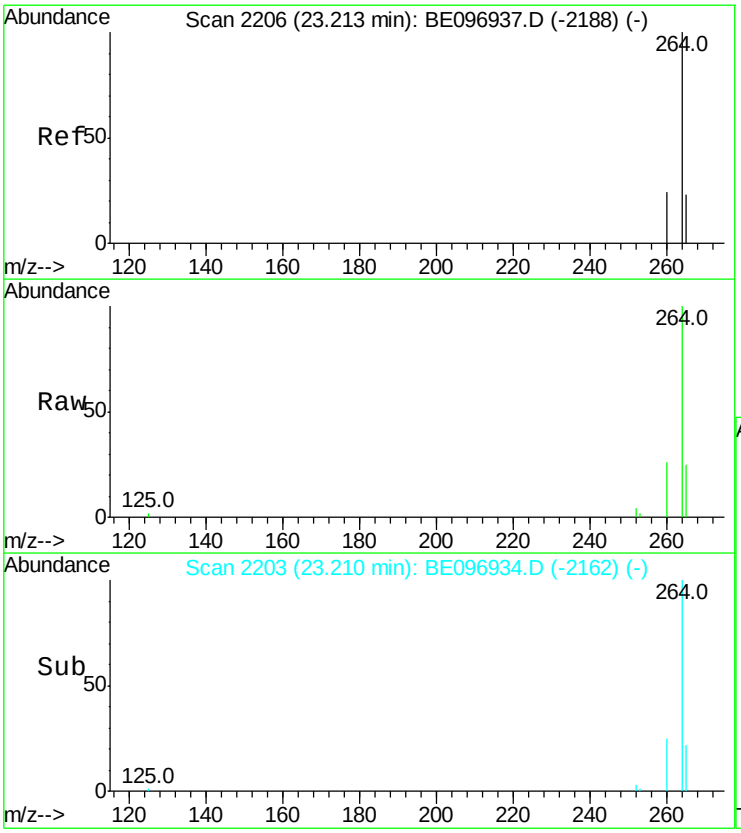
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng
RT: 25.51 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14023

Ion	Ratio	Lower	Upper
276	100		
138	9.9	22.5	33.7#
277	24.8	19.9	29.9

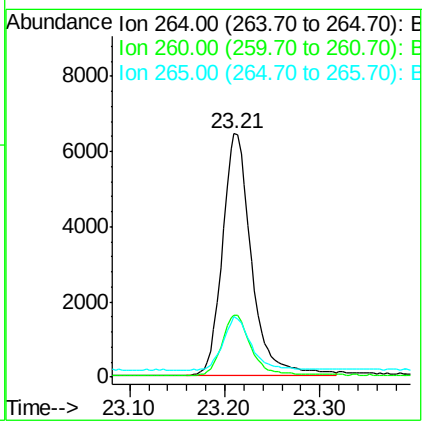


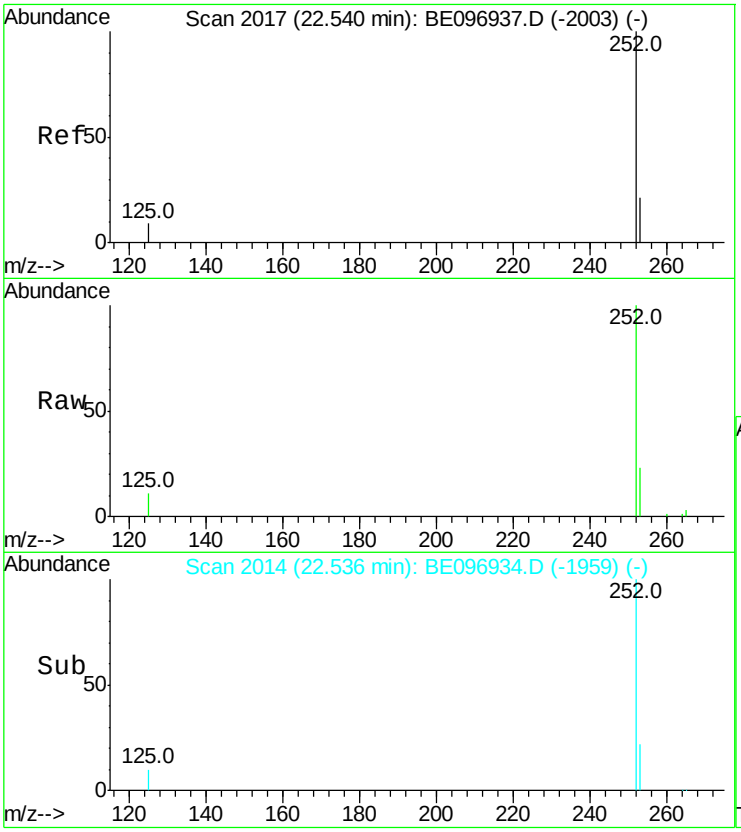


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:264 Resp: 13511

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	24.6	22.8	34.2



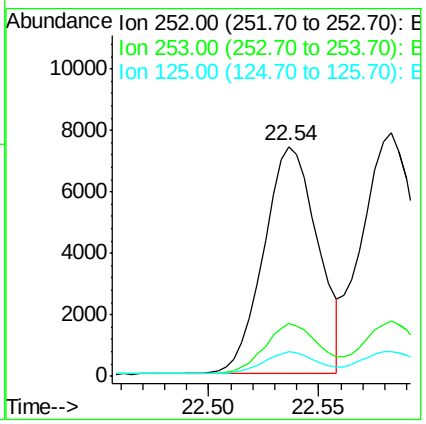


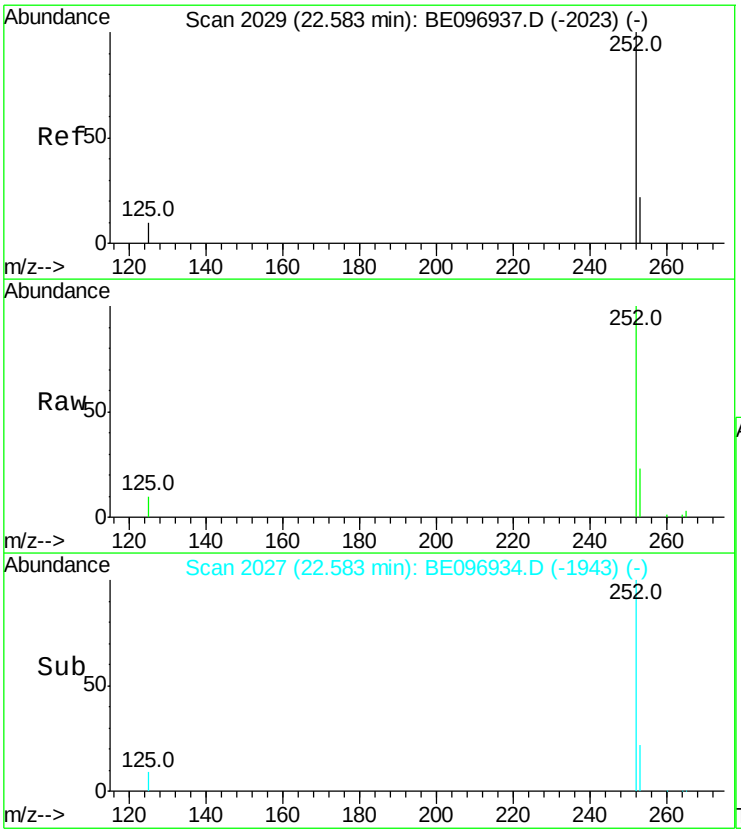
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12621

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	10.7	16.0	24.0#

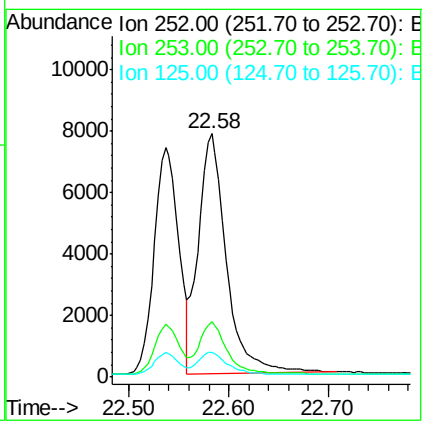


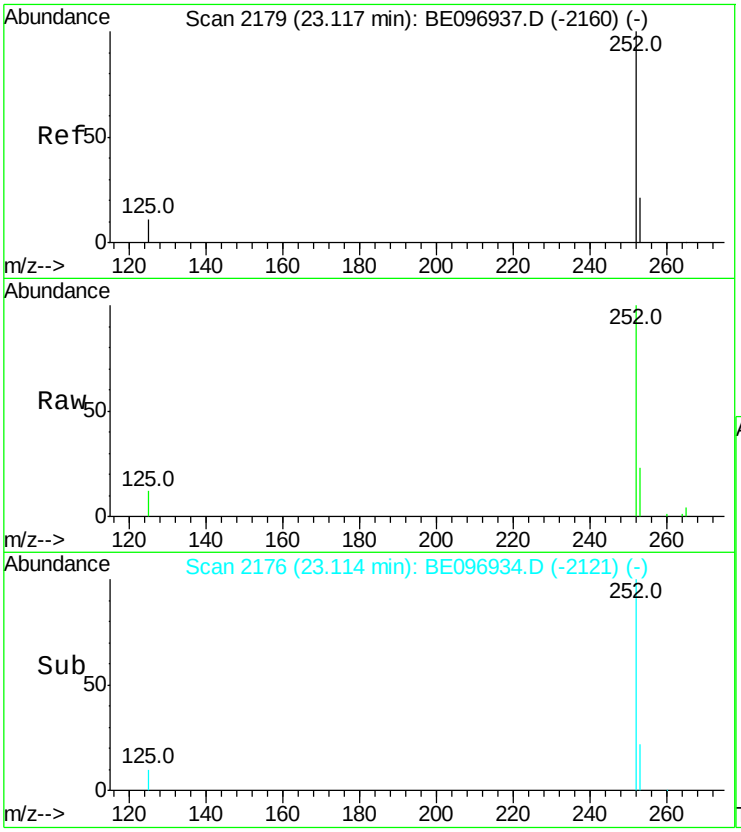


#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:252 Resp: 15266

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	9.9	8.0	12.0



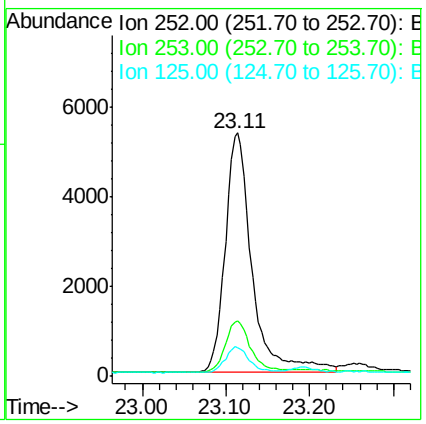


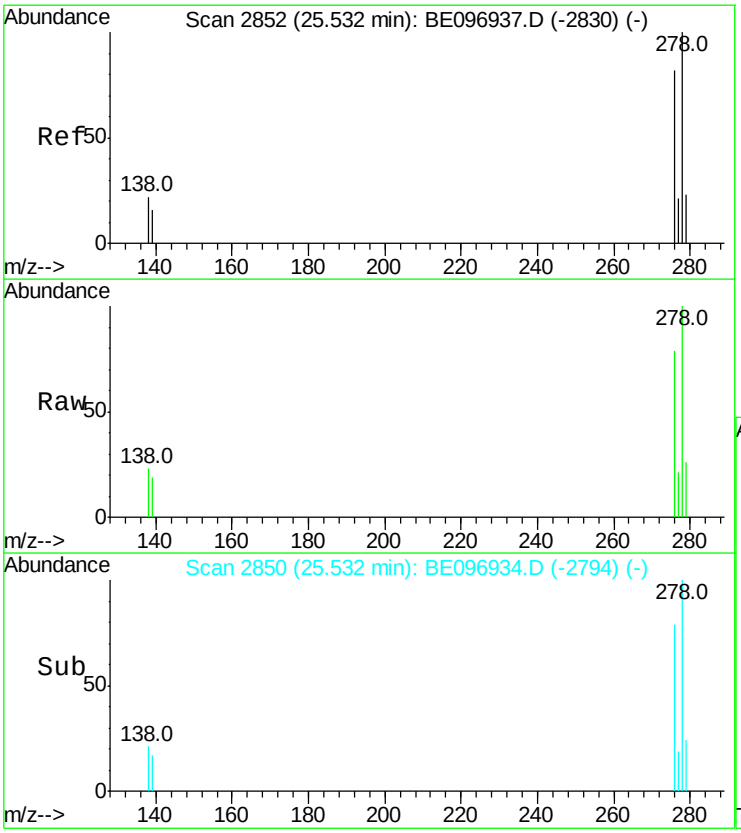
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 11885

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	11.5	12.0	18.0#

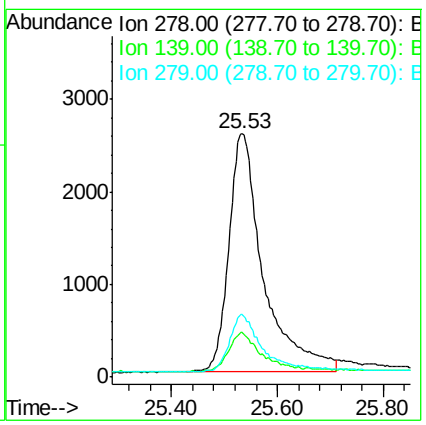


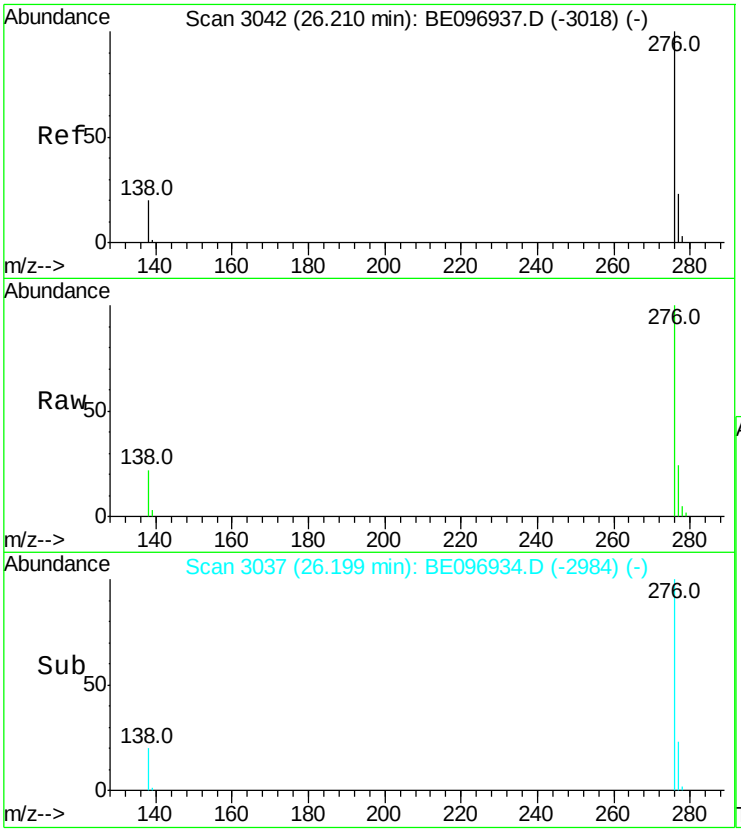


#38
Dibenzo(a,h)anthracene
Concen: 0.464 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:278 Resp: 11678

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.0	24.0
279	25.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.425 ng
RT: 26.20 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11912

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	22.0	20.0	30.0