Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096932.D
Acq On : 14 Jul 2018 9:22
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 16 00:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2600	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	13835	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7445	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	17665	0.40	ng		0.00
27) Chrysene-d12	20.98	240	16703	0.40	ng		0.00
34) Perylene-d12	23.21	264	18103	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2552	0.44	ng		0.00
5) Phenol-d6	6.59	99	3873	0.45	ng		0.00
8) Nitrobenzene-d5	8.52	82	3948	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	8002	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	843	0.49	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	11244	0.41	ng		0.00
25) Fluoranthene-d10	18.81	212	63324	0.41	ng		0.00
29) Terphenyl-d14	19.43	244	11980	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1493	0.383	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1675	0.406	ng		90
6) bis(2-Chloroethyl)ether	6.84	93	3686	0.388	ng		97
9) Naphthalene	10.20	128	49004	0.390	ng		99
10) Hexachlorobutadiene	10.50	225	1968	0.376	ng		97
12) 2-Methylnaphthalene	11.81	142	8373	0.402	ng		99
16) Acenaphthylene	13.74	152	13639	0.422	ng		99
17) Acenaphthene	14.08	154	8747	0.410	ng		95
18) Fluorene	15.08	166	9773	0.390	ng	#	80
20) 4-Bromophenyl-phenylether	15.98	248	3281	0.412	ng	#	74
21) Hexachlorobenzene	16.08	284	3801	0.419	ng	#	80
22) Pentachlorophenol	16.43	266	741	0.520	ng	#	73
23) Phenanthrene	16.81	178	17292	0.398	ng		99
24) Anthracene	16.91	178	14839	0.413	ng		96
26) Fluoranthene	18.84	202	18272	0.416	ng		99
28) Pyrene	19.20	202	18290	0.378	ng		99
30) Benzo(a)anthracene	20.96	228	15938	0.431	ng		98
31) Chrysene	21.02	228	17018	0.372	ng		100
32) Bis(2-ethylhexyl)phthalate	20.93	149	21206	0.640	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	17538	0.516	ng		97
35) Benzo(b)fluoranthene	22.54	252	15665	0.317	ng	#	88
36) Benzo(k)fluoranthene	22.58	252	18745	0.354	ng		96
37) Benzo(a)pyrene	23.11	252	15021	0.383	ng	#	93
38) Dibenzo(a,h)anthracene	25.53	278	14614	0.385	ng		97
39) Benzo(g,h,i)perylene	26.20	276	15067	0.344	ng		93

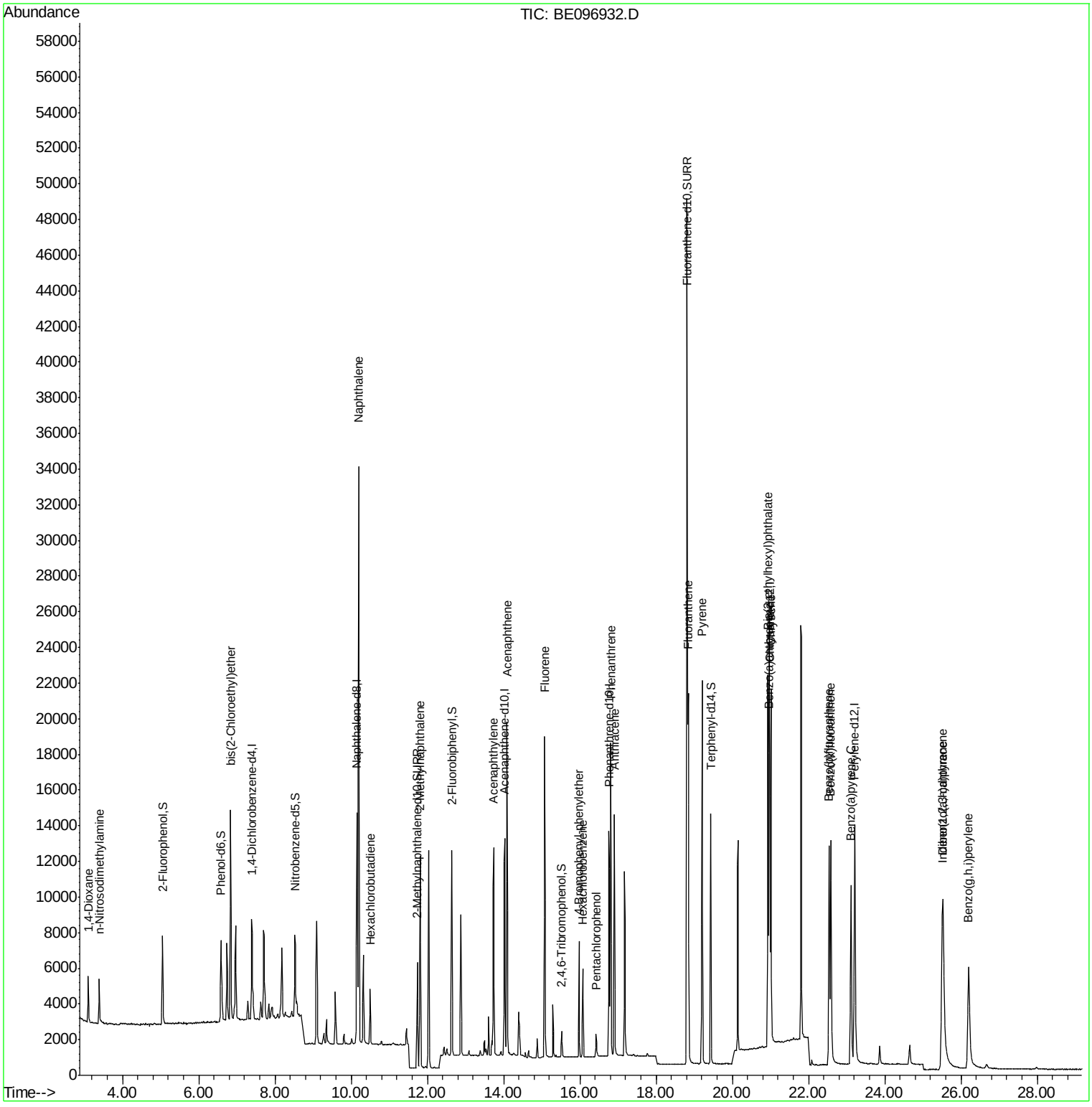
(#) = qualifier out of range (m) = manual integration (+) = signals summed

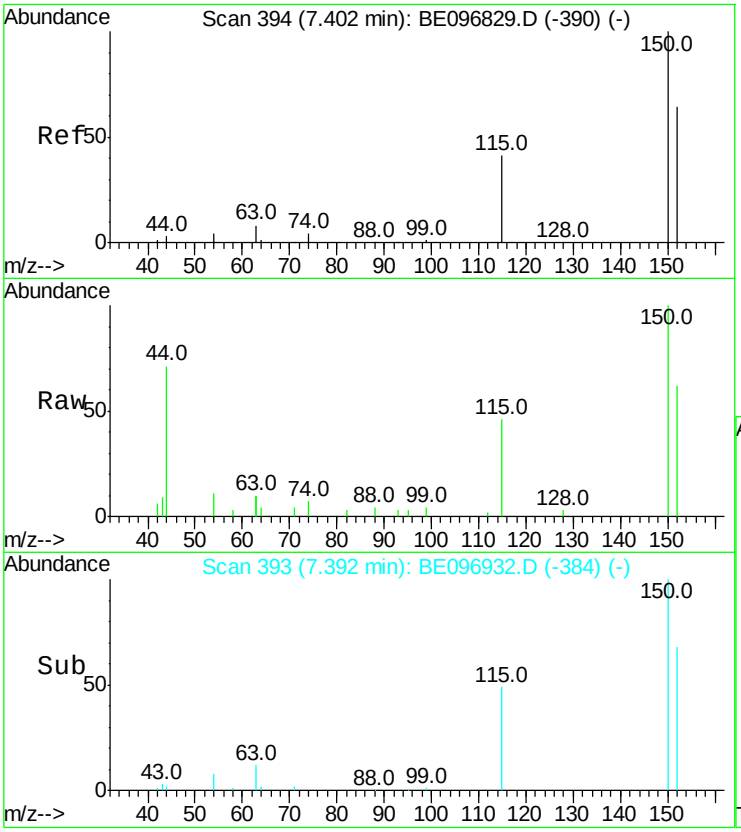
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096932.D
Acq On : 14 Jul 2018 9:22
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 16 00:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration



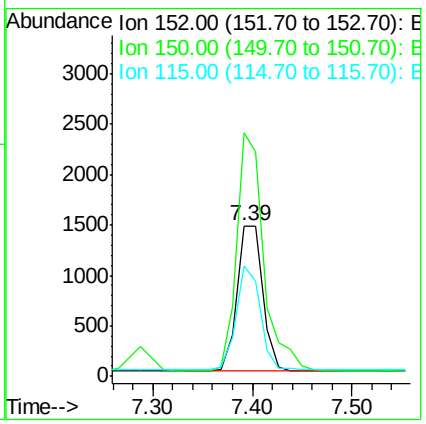


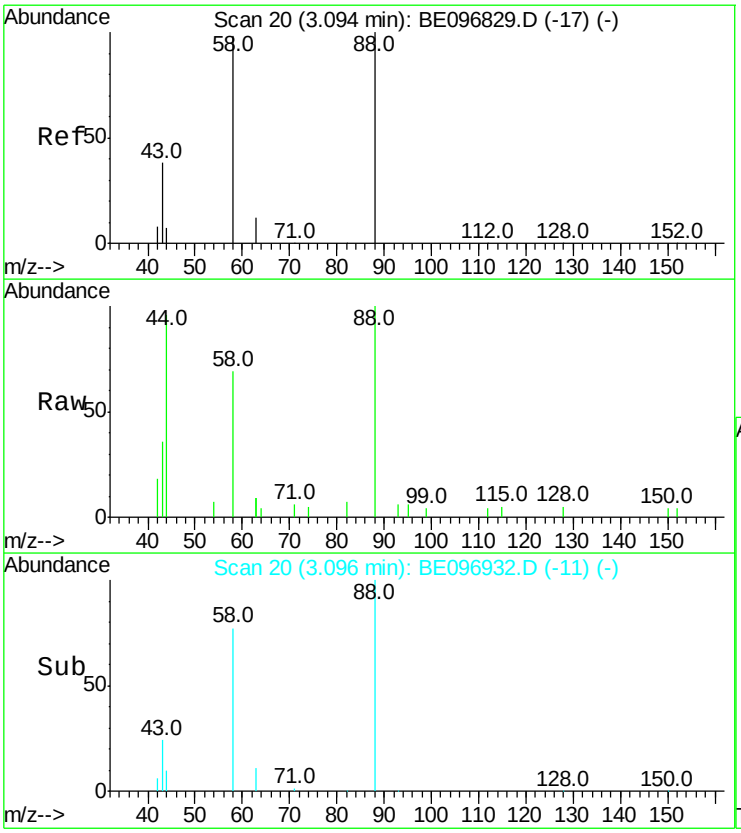
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2600

Ion	Ratio	Lower	Upper
152	100		
150	161.9	117.2	175.8
115	73.8	57.0	85.6

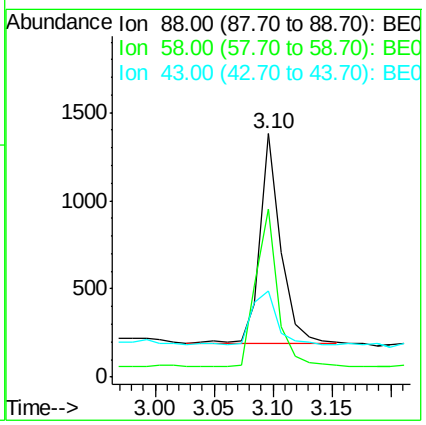


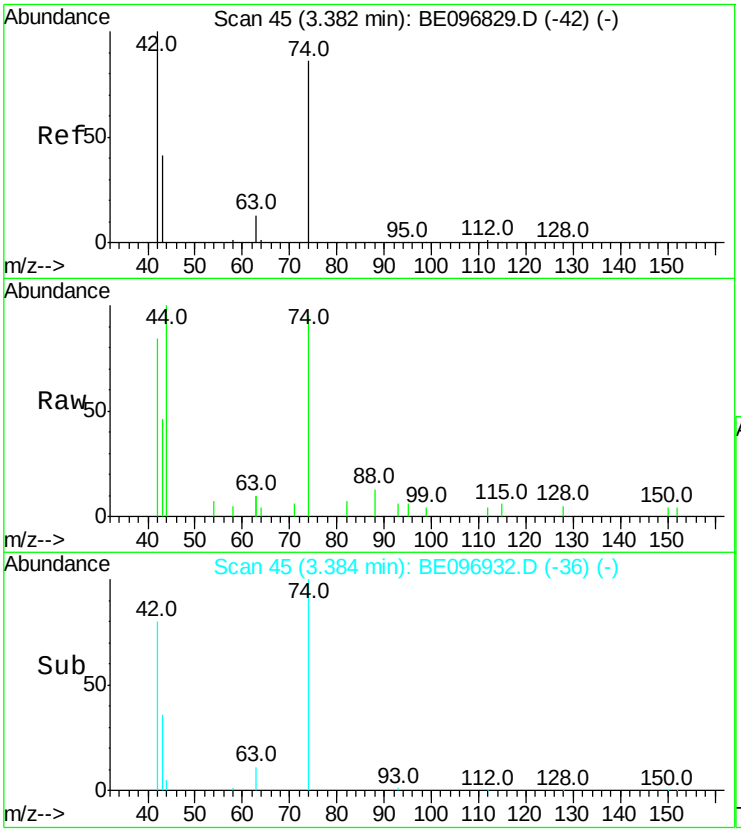


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion: 88 Resp: 1493

Ion	Ratio	Lower	Upper
88	100		
58	78.6	63.2	94.8
43	30.1	41.2	61.8#



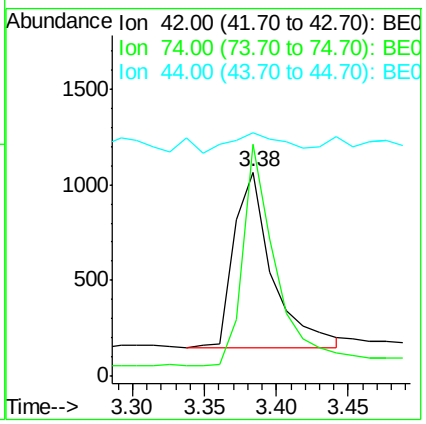


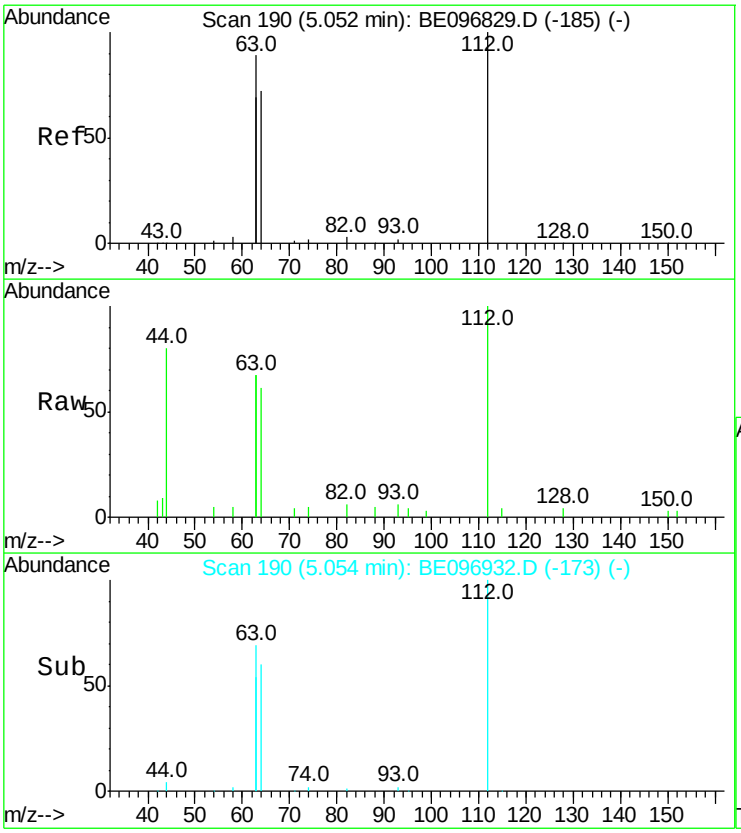
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1675

Ion	Ratio	Lower	Upper
42	100		
74	107.8	96.0	144.0
44	16.1	12.0	18.0

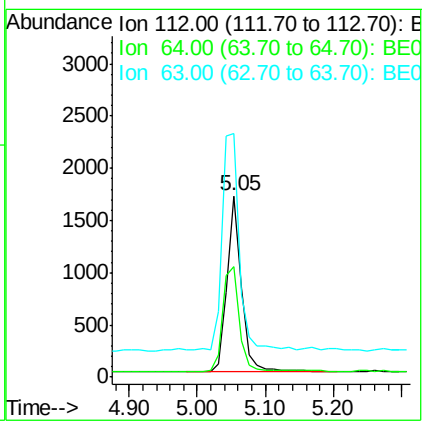


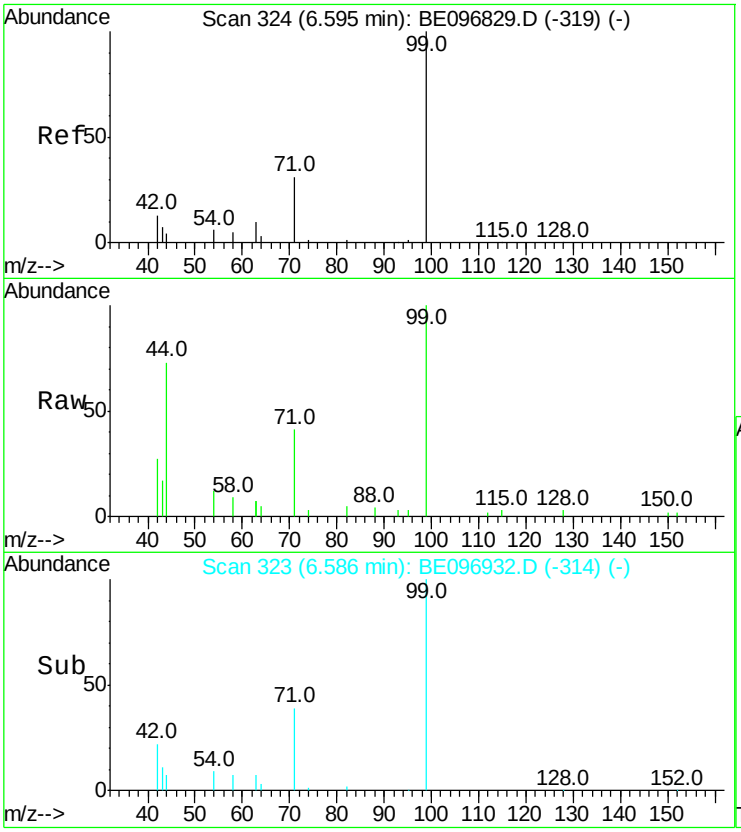


#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:112 Resp: 2552

Ion	Ratio	Lower	Upper
112	100		
64	68.1	60.1	90.1
63	145.3	116.8	175.2



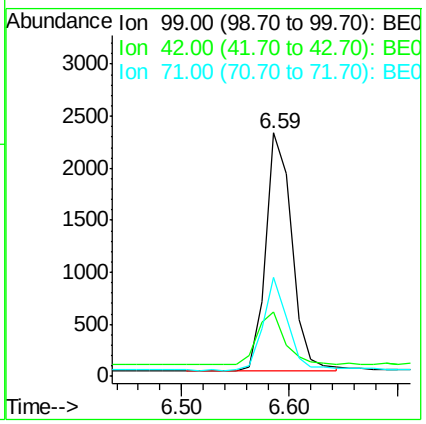


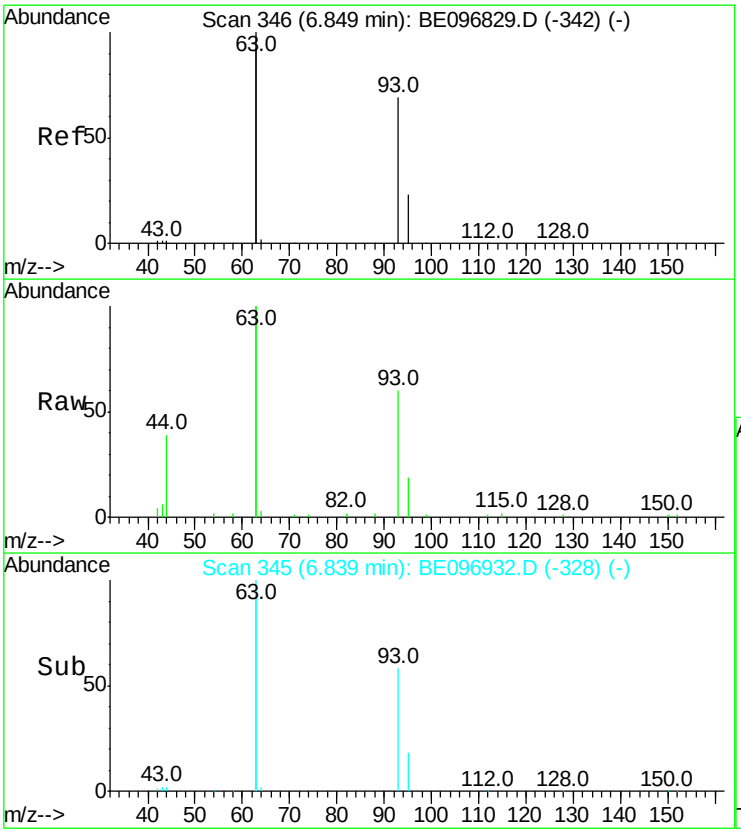
#5
Phenol-d6
Concen: 0.447 ng
RT: 6.59 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3873

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	36.9	28.4	42.6

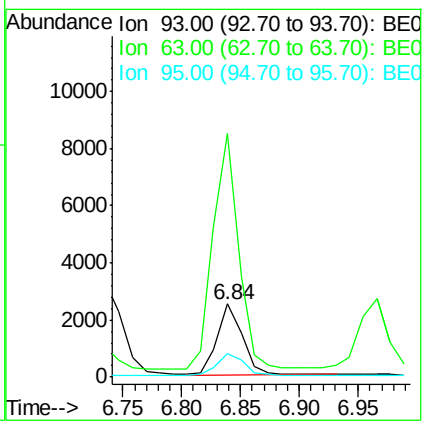


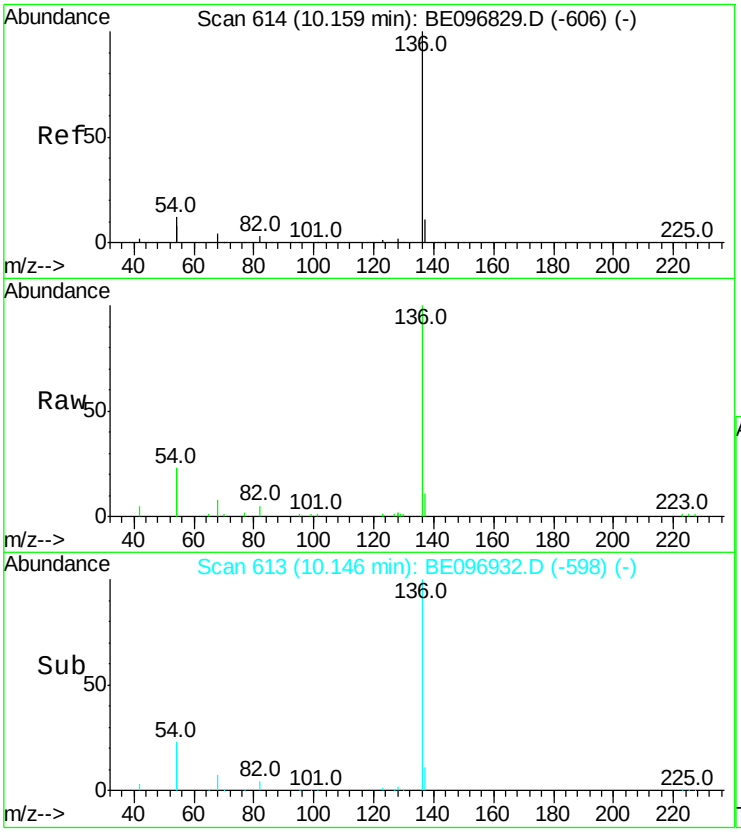


#6
bis(2-Chloroethyl)ether
Concen: 0.388 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion: 93 Resp: 3686

Ion	Ratio	Lower	Upper
93	100		
63	337.0	275.3	412.9
95	32.1	25.2	37.8



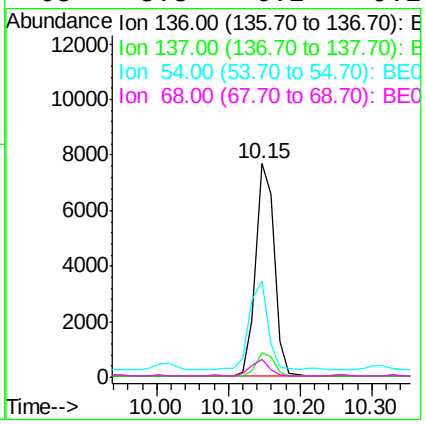


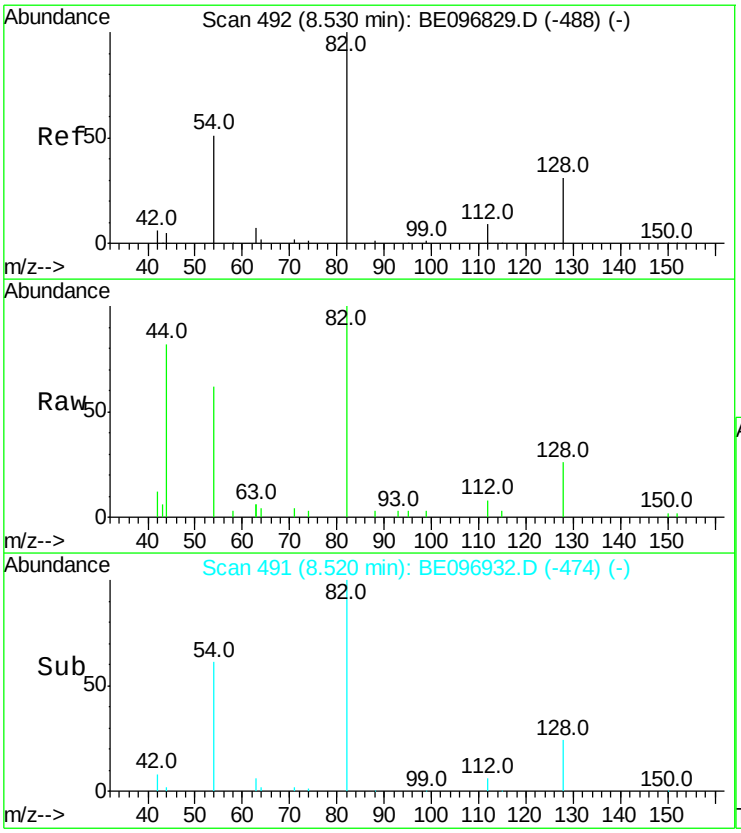
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13835

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	45.1	29.1	43.7#
68	8.3	6.2	9.2

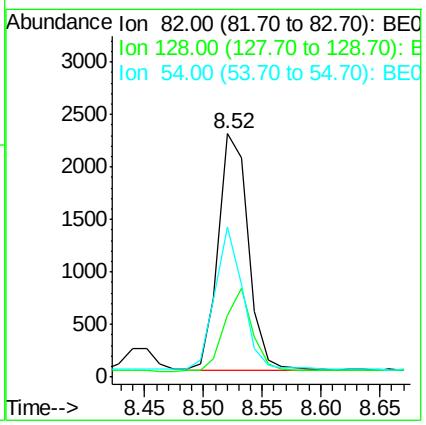


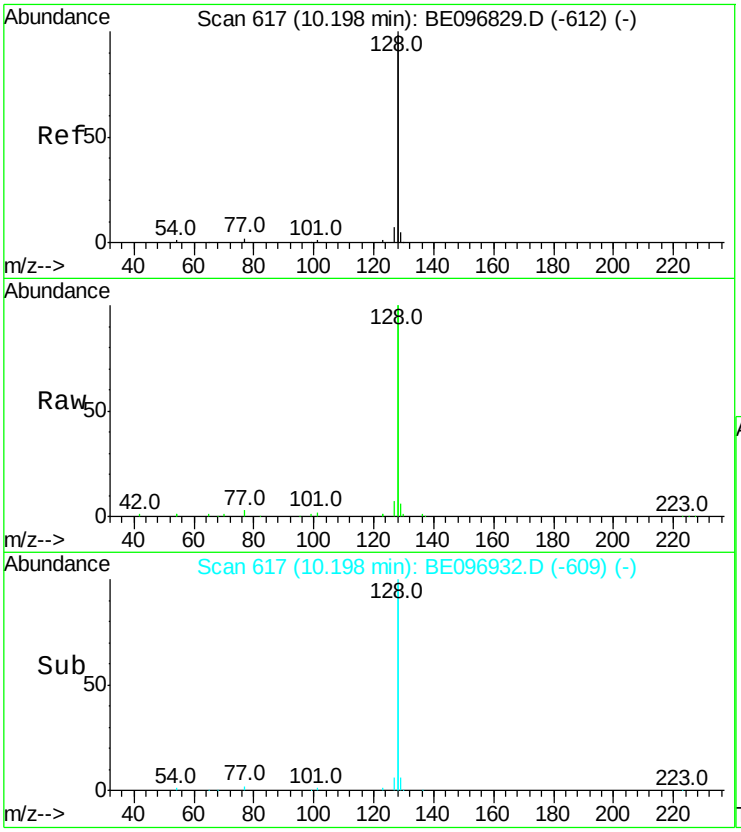


#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion: 82 Resp: 3948

Ion	Ratio	Lower	Upper
82	100		
128	25.6	24.0	36.0
54	61.8	40.0	60.0#



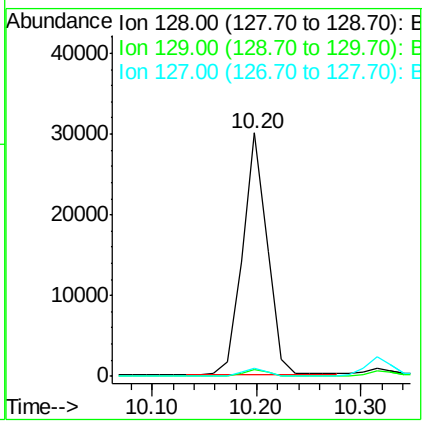


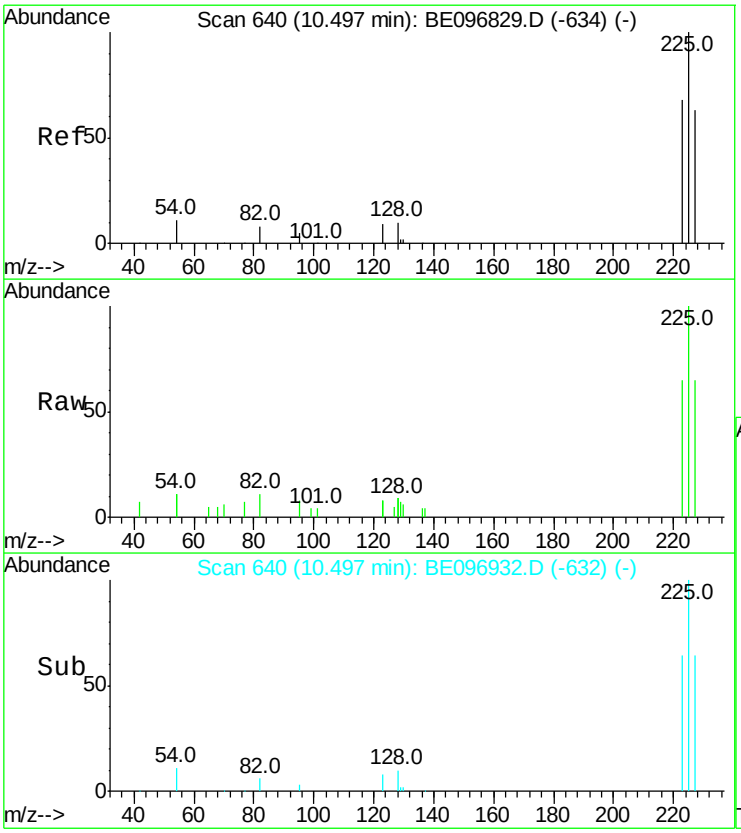
#9
Naphthalene
Concen: 0.390 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 49004

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

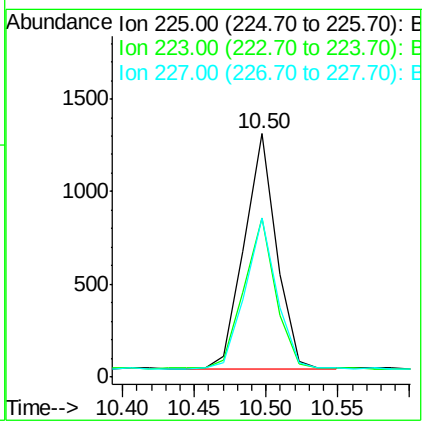


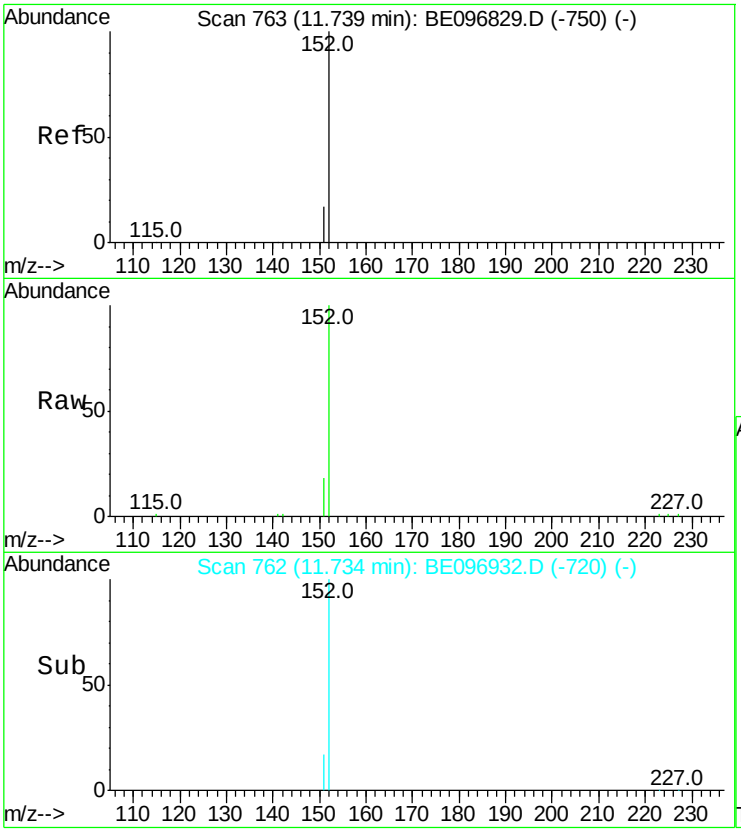


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:225 Resp: 1968

Ion	Ratio	Lower	Upper
225	100		
223	62.7	53.0	79.6
227	63.0	51.4	77.2



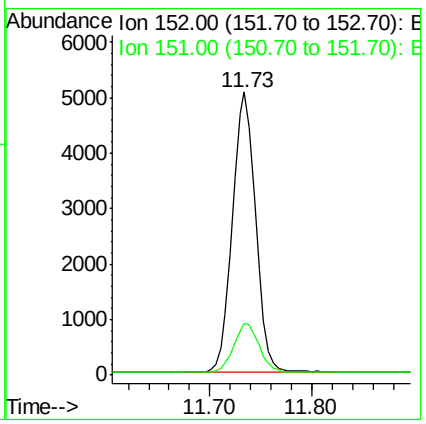


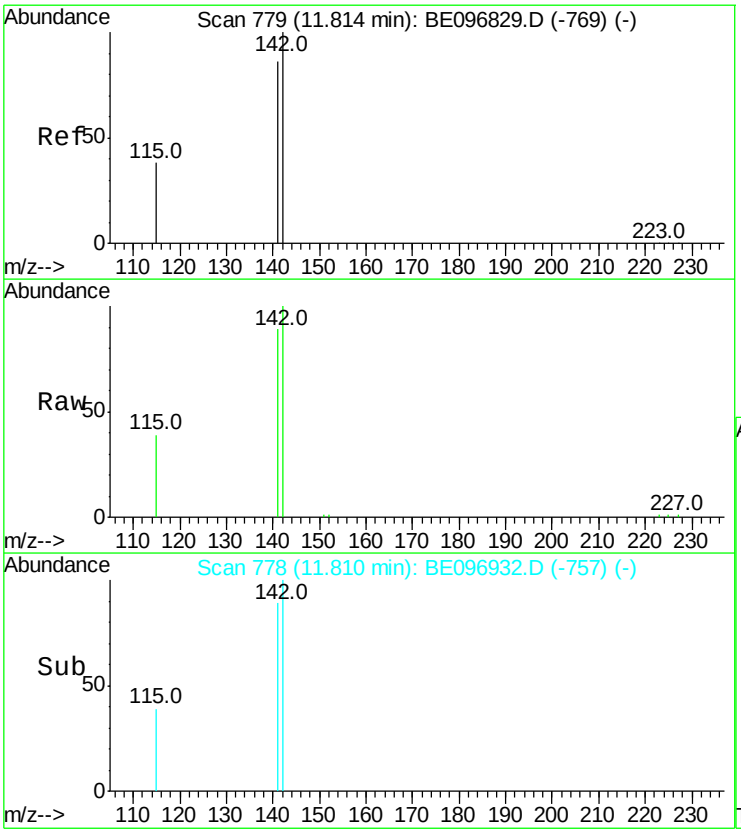
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8002

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

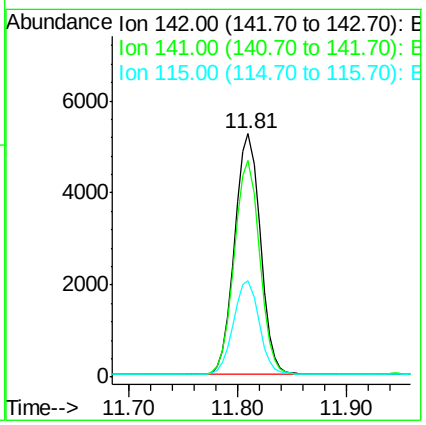


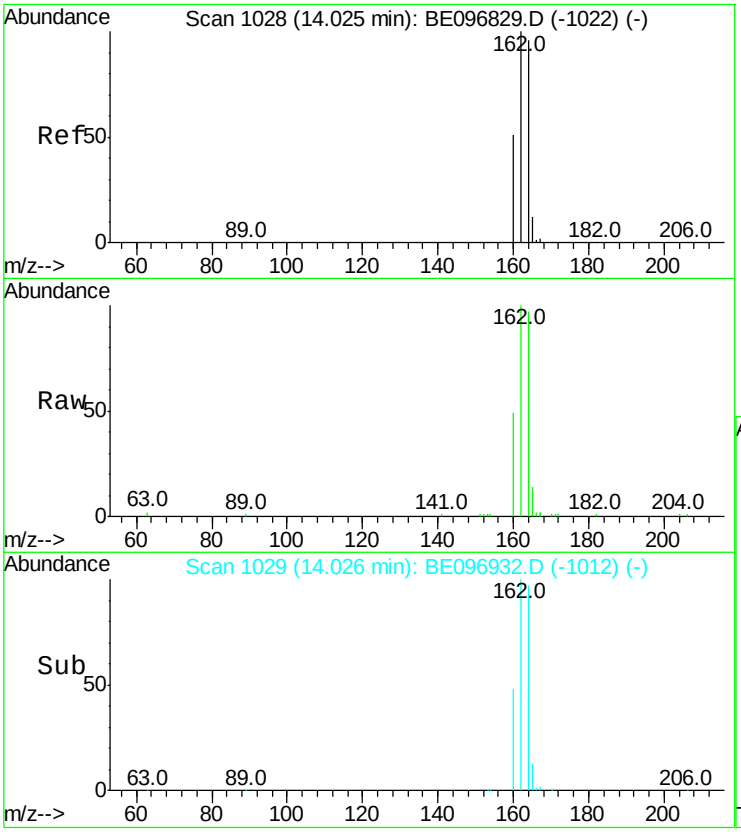


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 11.81 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:142 Resp: 8373

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	39.5	31.7	47.5



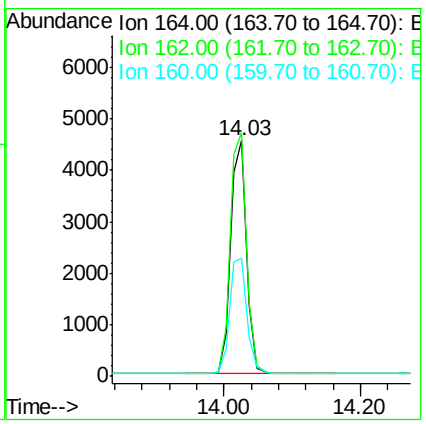


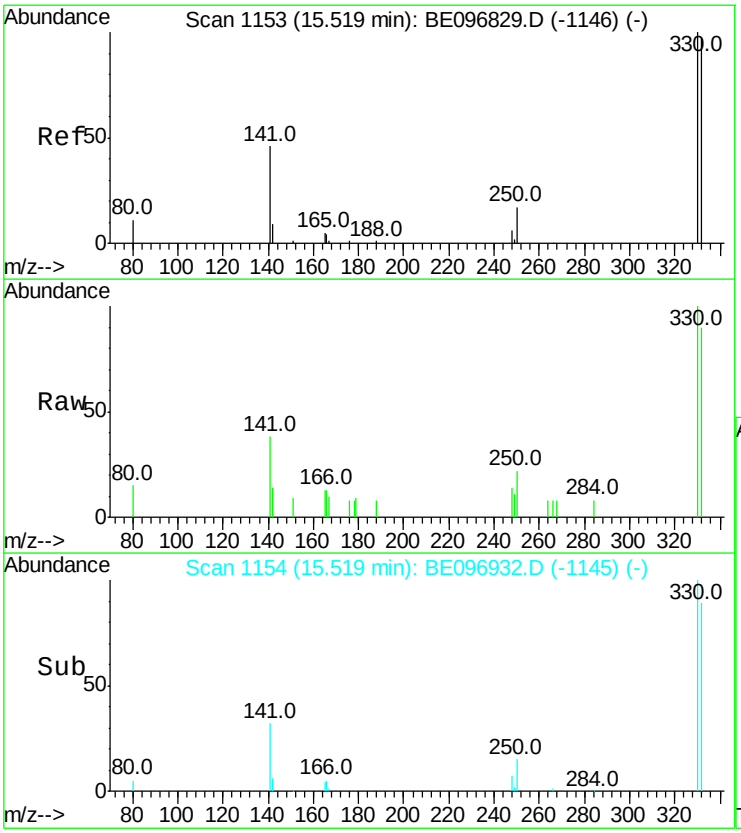
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7445

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.1	124.7
160	50.3	37.1	55.7

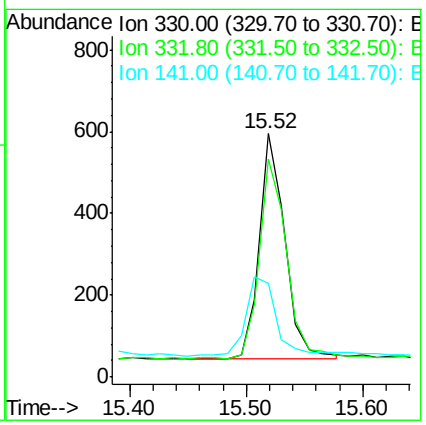


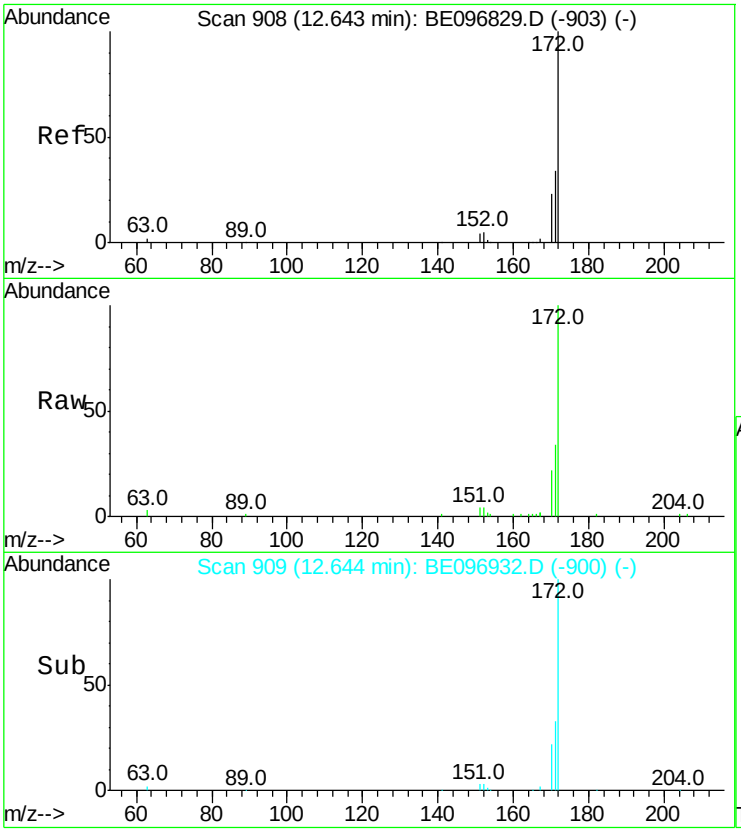


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:330 Resp: 843

Ion	Ratio	Lower	Upper
330	100		
332	94.2	152.7	229.1#
141	42.2	33.7	50.5



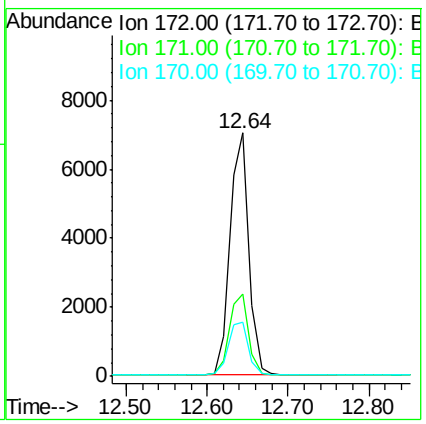


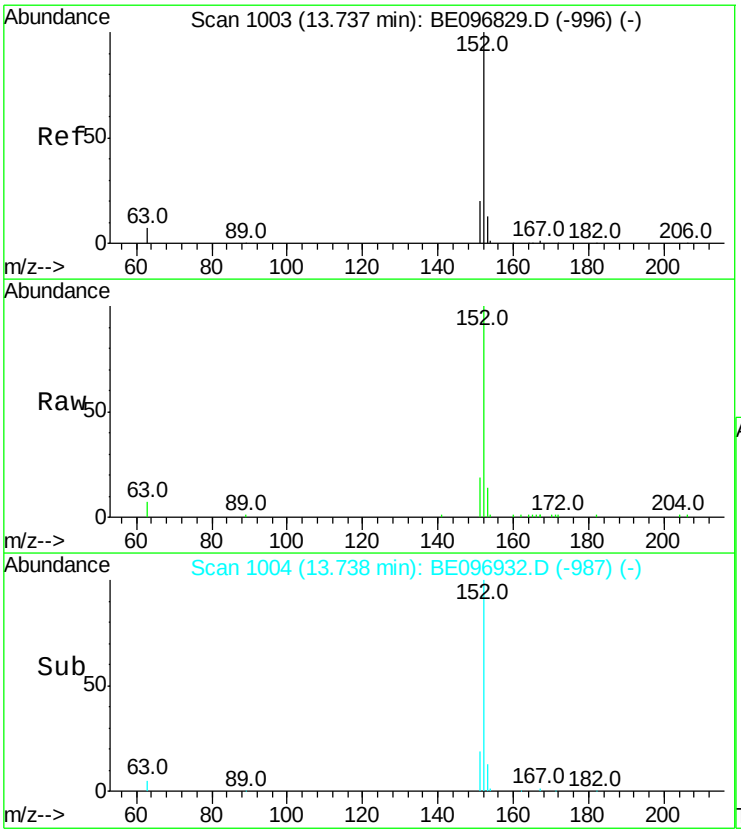
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11244

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.9	44.9
170	22.1	21.8	32.8

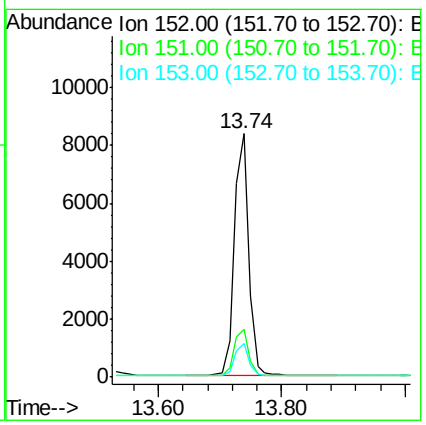


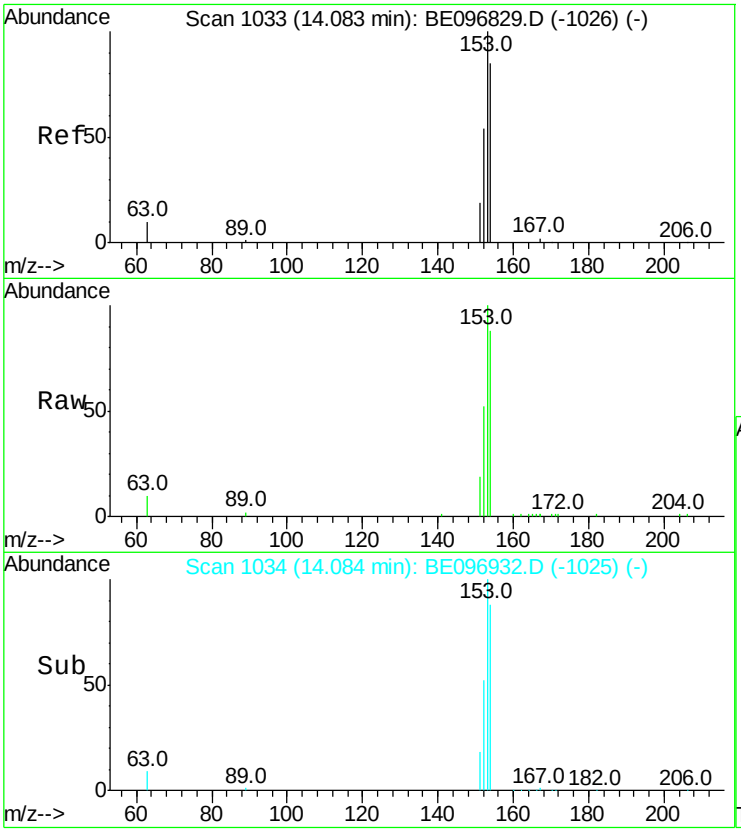


#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:152 Resp: 13639

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.3	10.5	15.7



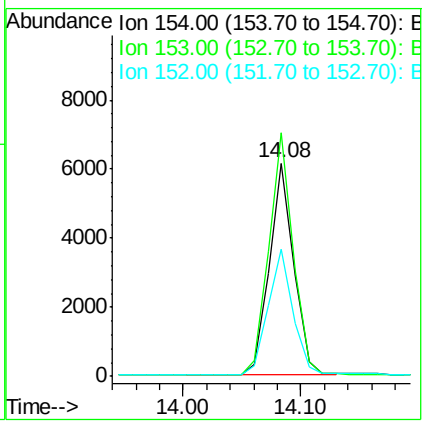


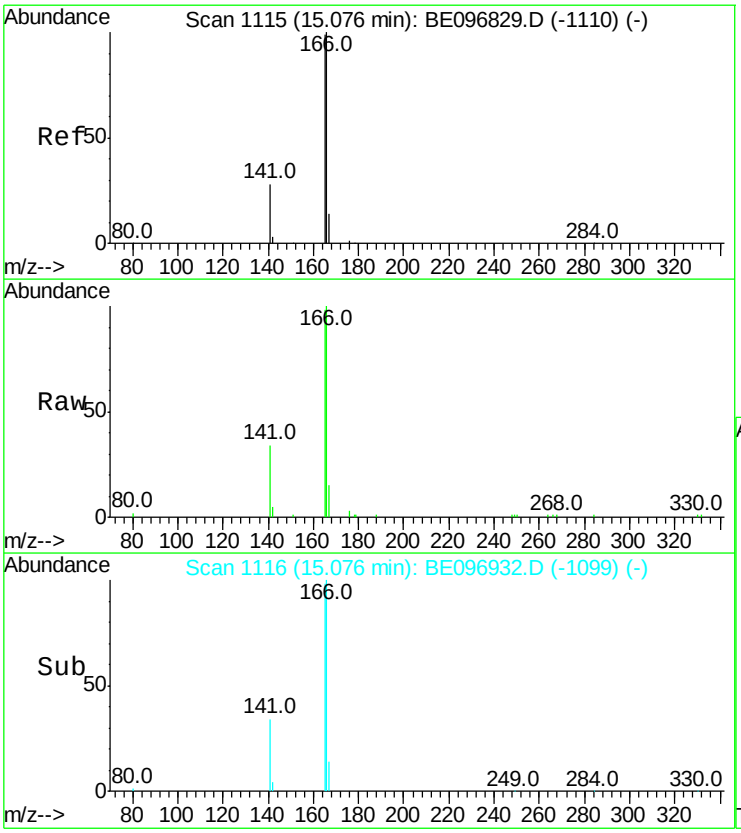
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8747

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	60.1	42.0	63.0

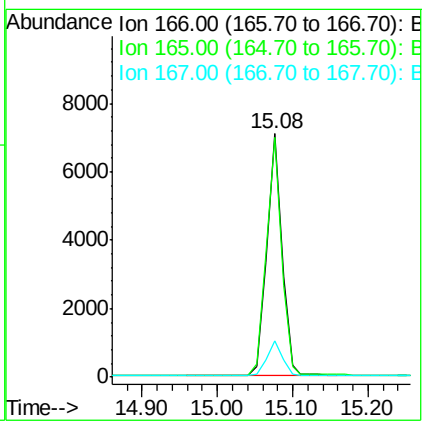


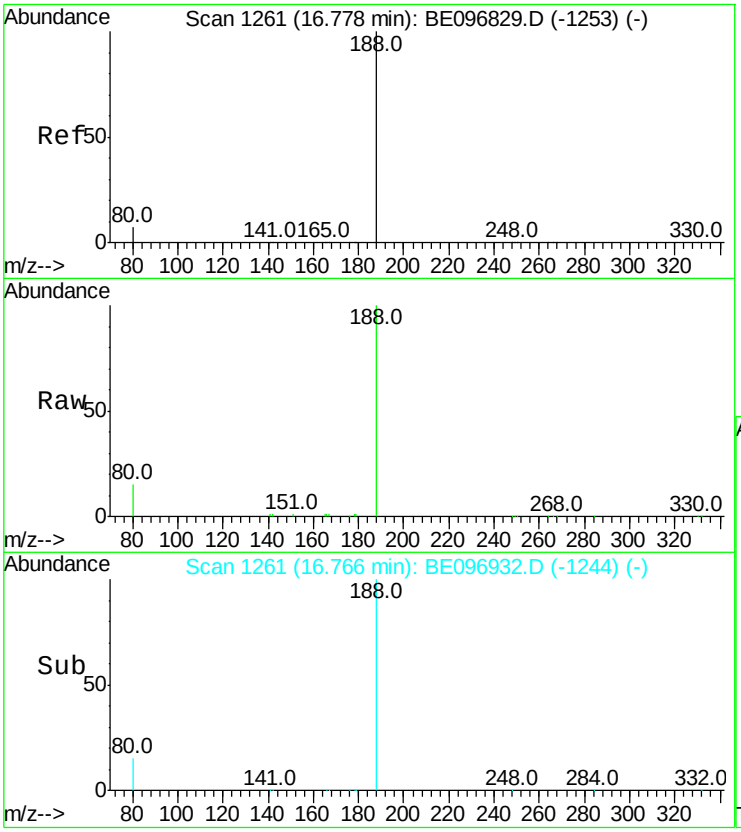


#18
Fluorene
Concen: 0.390 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:166 Resp: 9773

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	14.2	42.4	63.6#



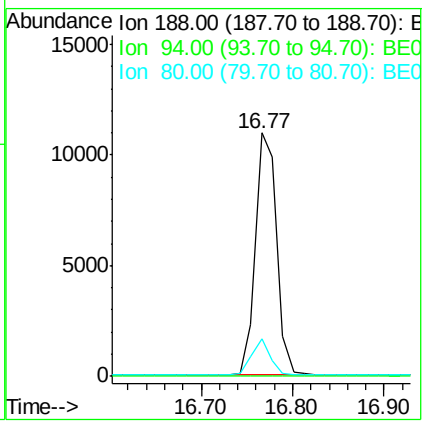


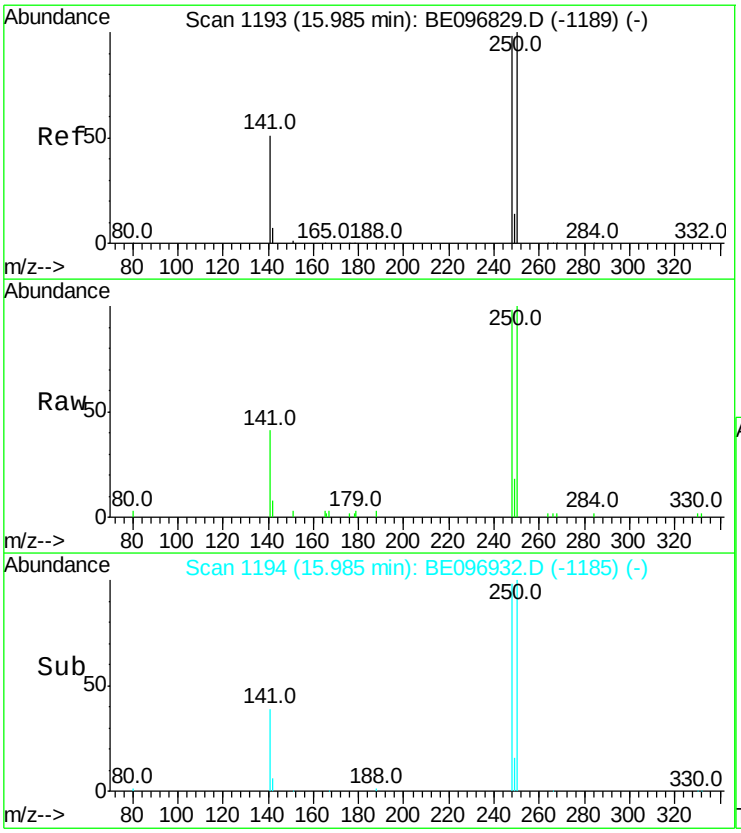
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 17665

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.2	3.6	5.4#

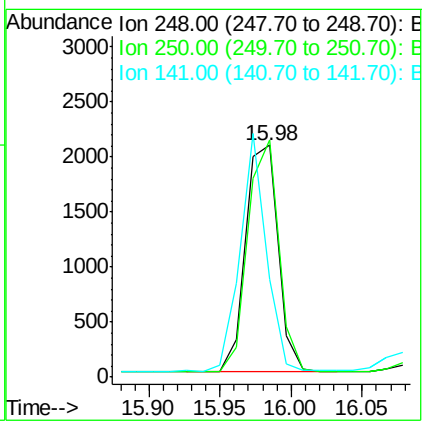


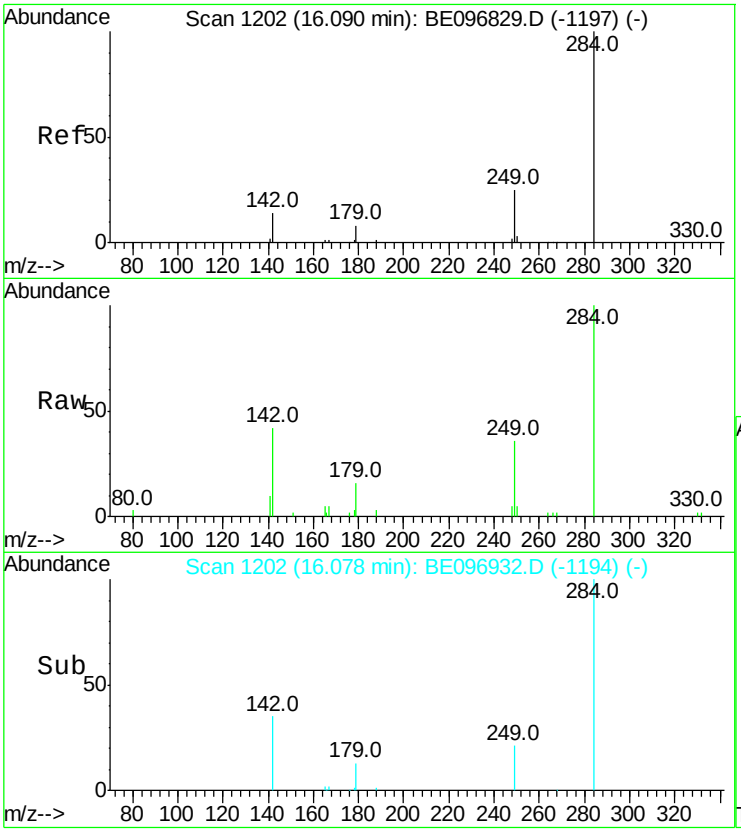


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:248 Resp: 3281

Ion	Ratio	Lower	Upper
248	100		
250	102.3	62.7	94.1#
141	41.9	48.2	72.2#



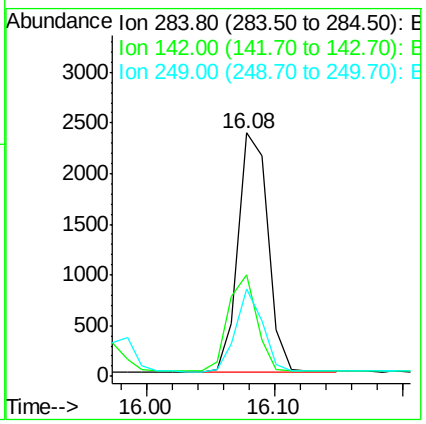


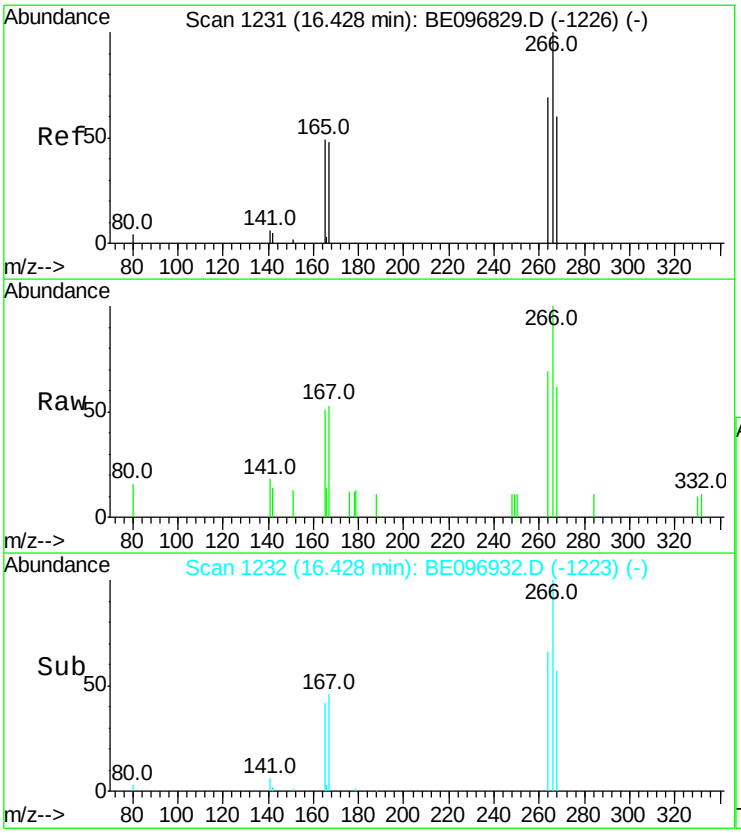
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3801

Ion	Ratio	Lower	Upper
284	100		
142	38.6	22.1	33.1#
249	31.0	34.8	52.2#

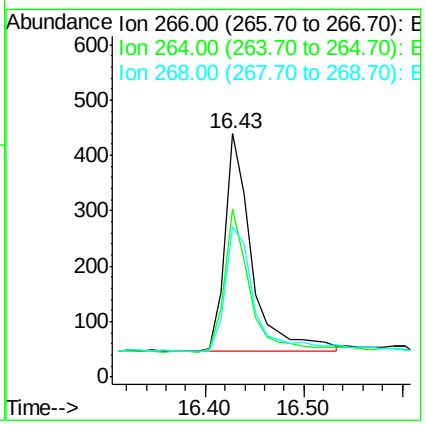


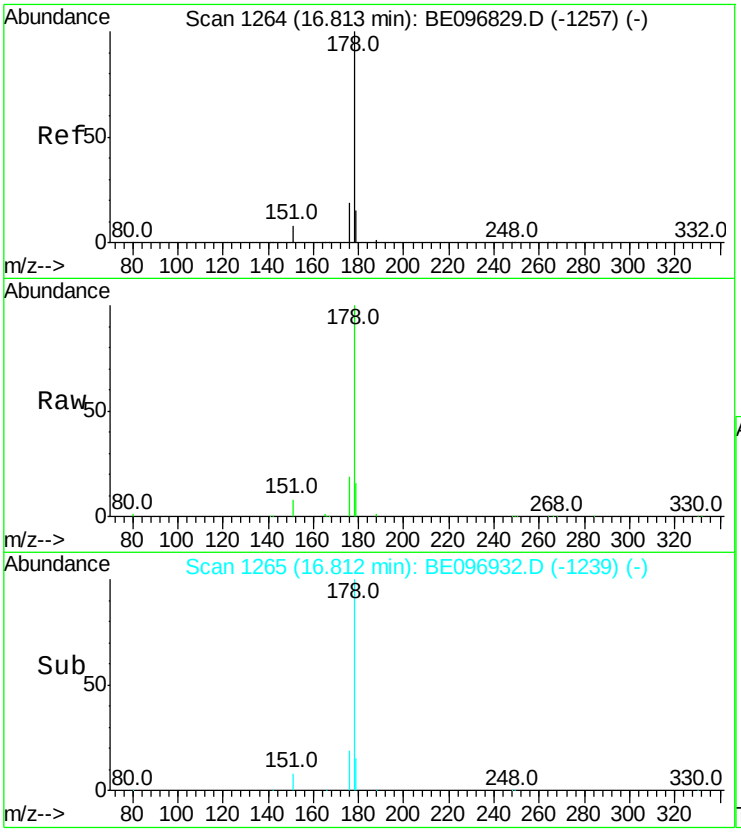


#22
Pentachlorophenol
Concen: 0.520 ng
RT: 16.43 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:266 Resp: 741

Ion	Ratio	Lower	Upper
266	100		
264	69.0	72.5	108.7#
268	62.0	73.8	110.6#



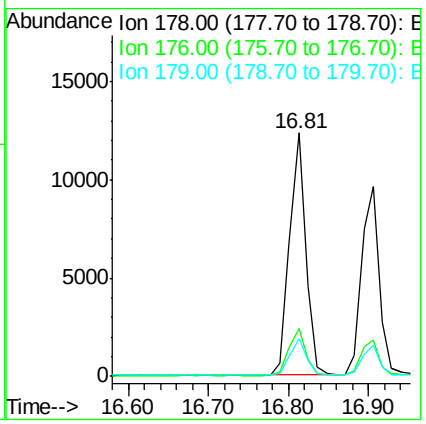


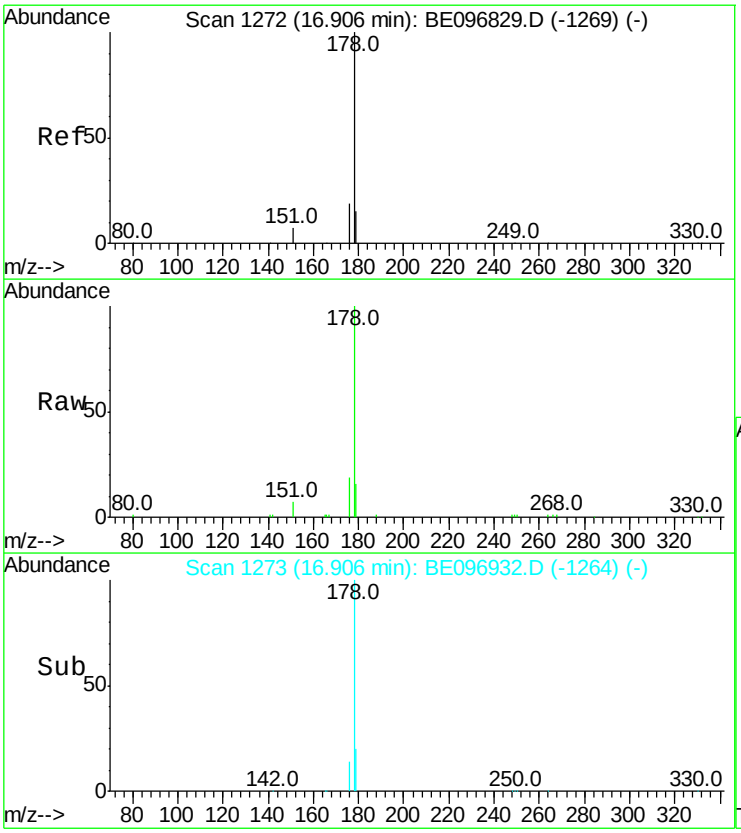
#23
Phenanthrene
Concen: 0.398 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17292

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.3	11.8	17.6

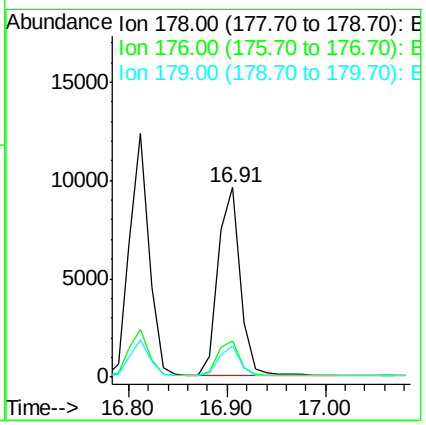


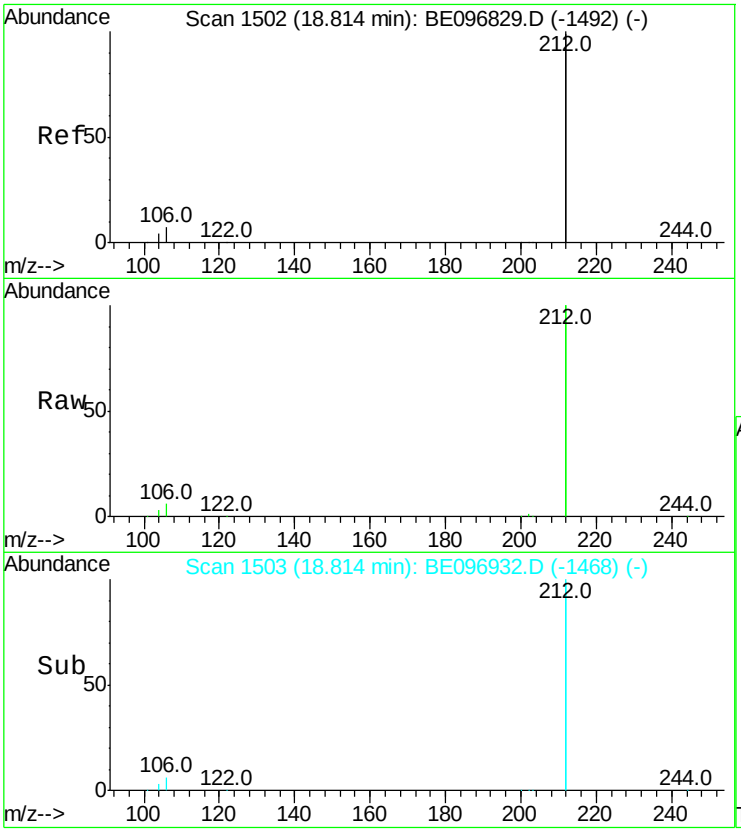


#24
Anthracene
Concen: 0.413 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:178 Resp: 14839

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6



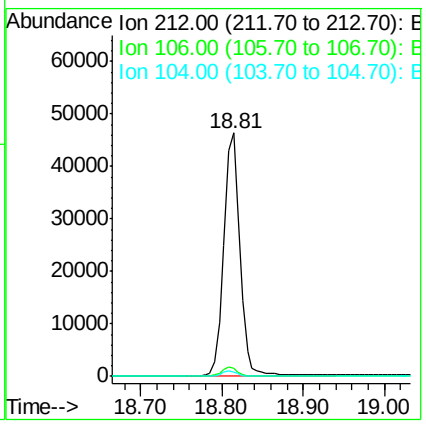


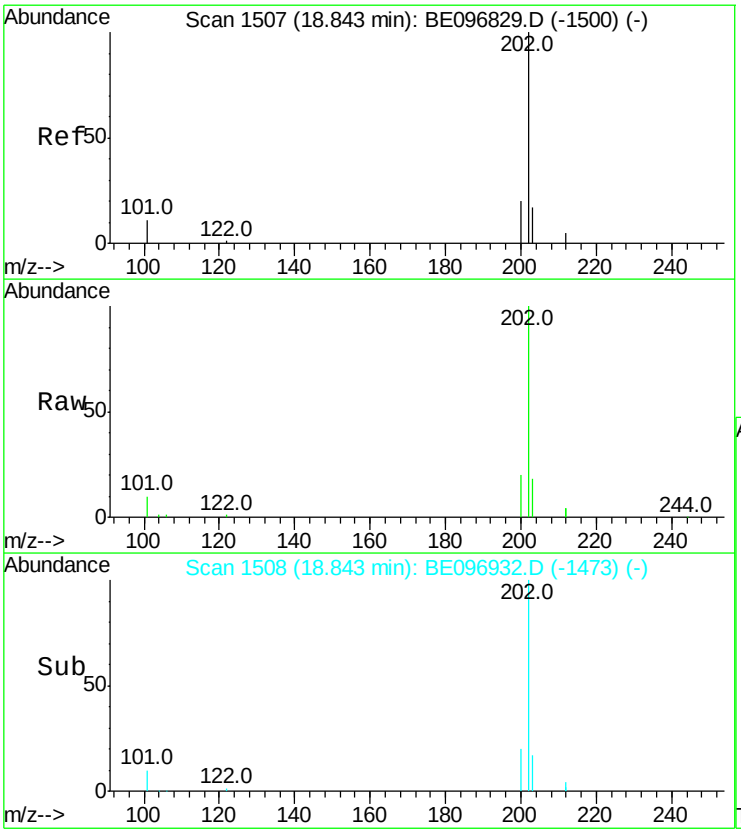
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 63324

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	1.9	1.6	2.4

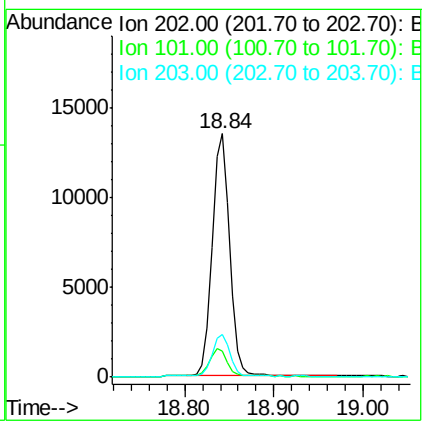


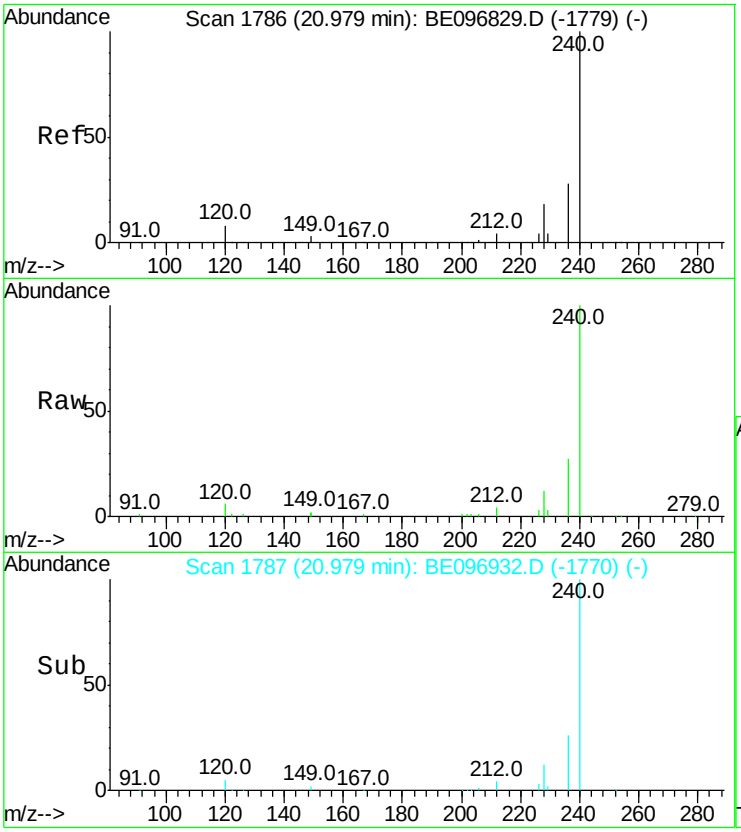


#26
Fluoranthene
Concen: 0.416 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:202 Resp: 18272

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	17.3	13.7	20.5



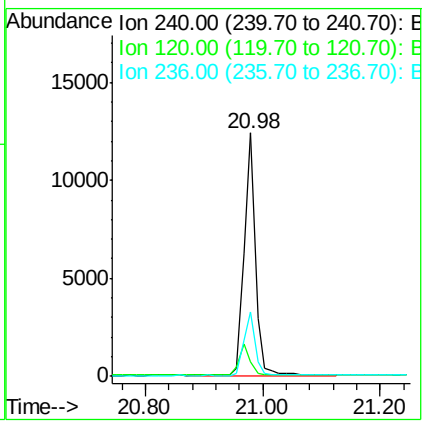


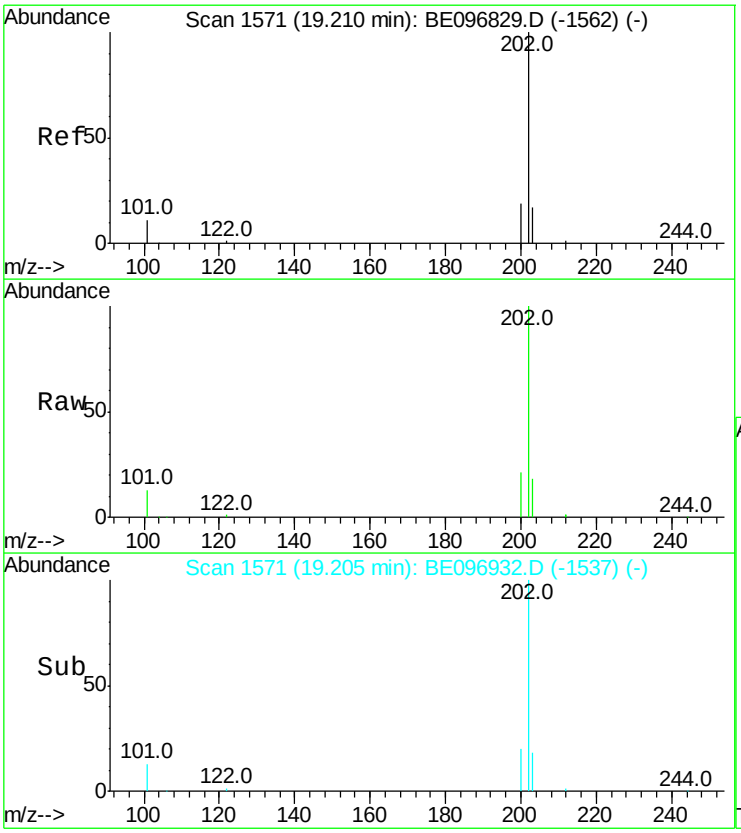
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16703

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.5	8.3
236	26.5	20.7	31.1

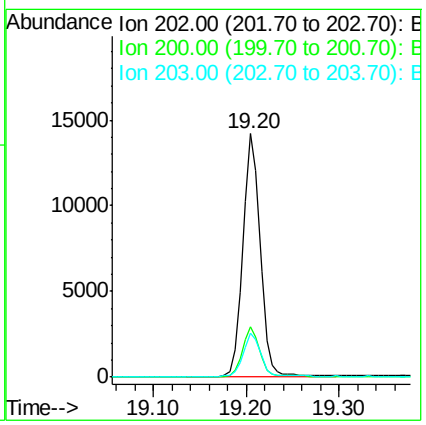


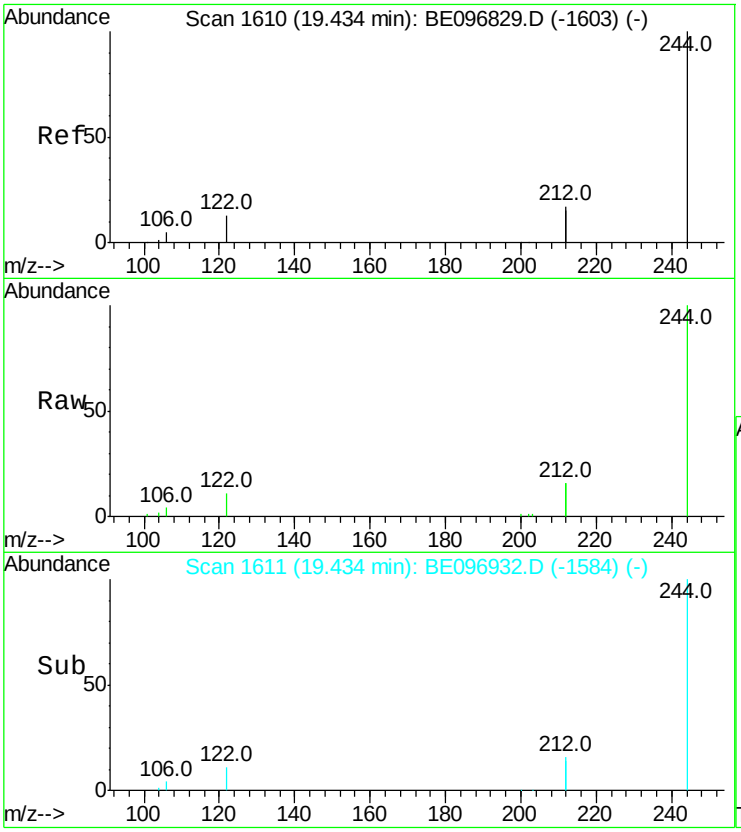


#28
Pyrene
Concen: 0.378 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:202 Resp: 18290

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.9	13.8	20.8



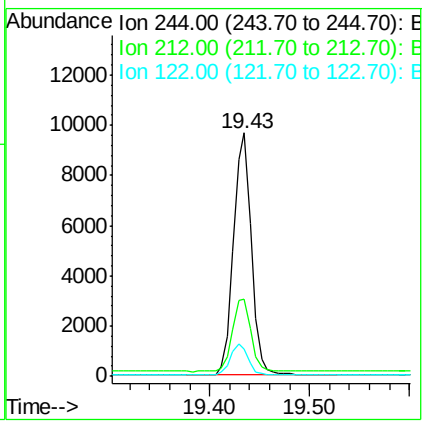


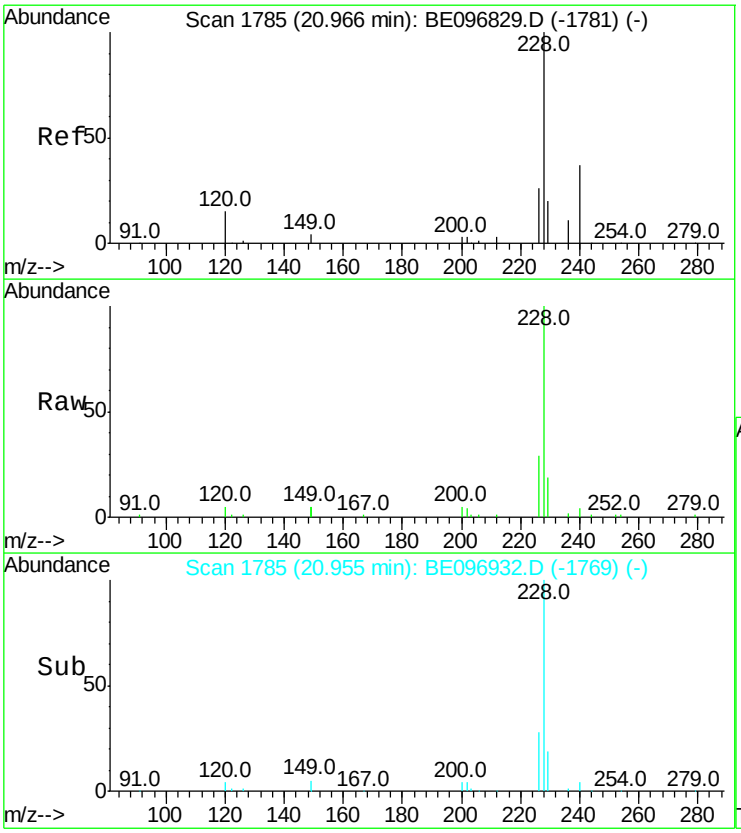
#29
Terphenyl-d14
Concen: 0.372 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 11980

Ion	Ratio	Lower	Upper
244	100		
212	31.5	25.4	38.0
122	11.0	8.1	12.1

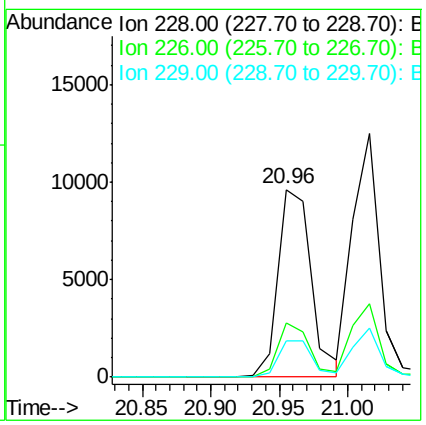


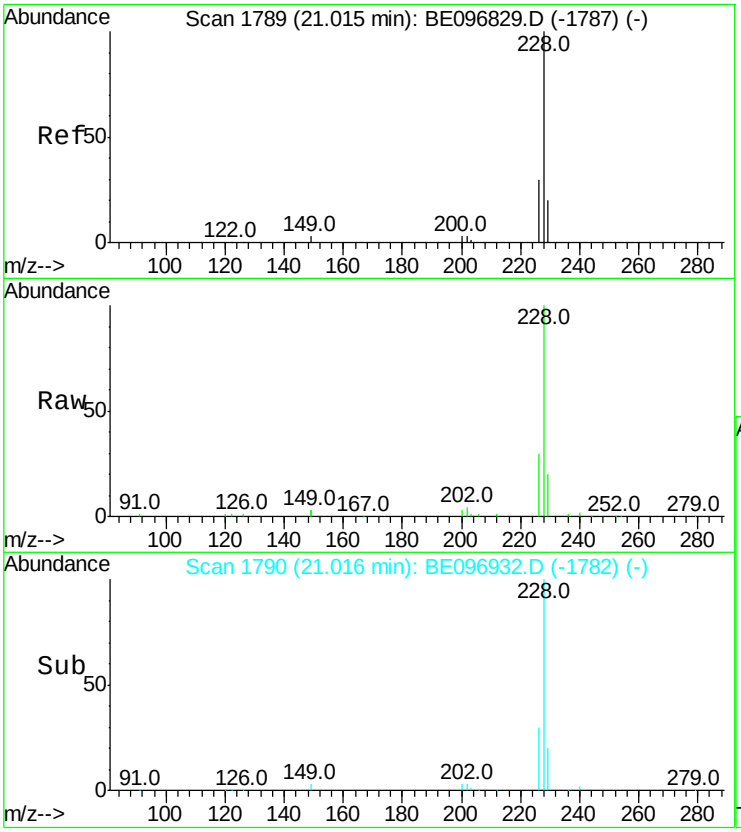


#30
Benzo(a)anthracene
Concen: 0.431 ng
RT: 20.96 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:228 Resp: 15938

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.1	16.0	24.0



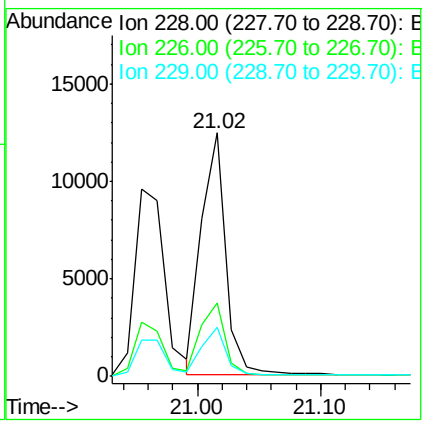


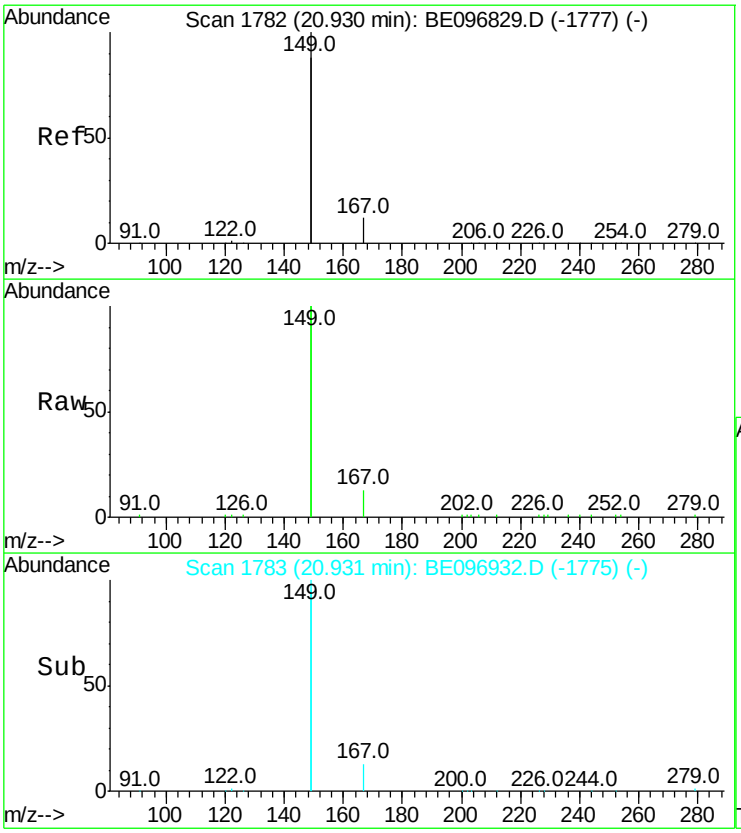
#31
Chrysene
Concen: 0.372 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 17018

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.1	16.0	24.0

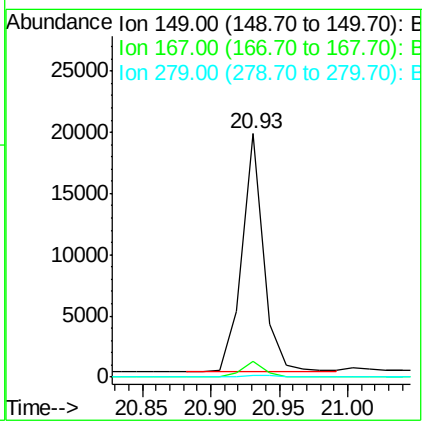


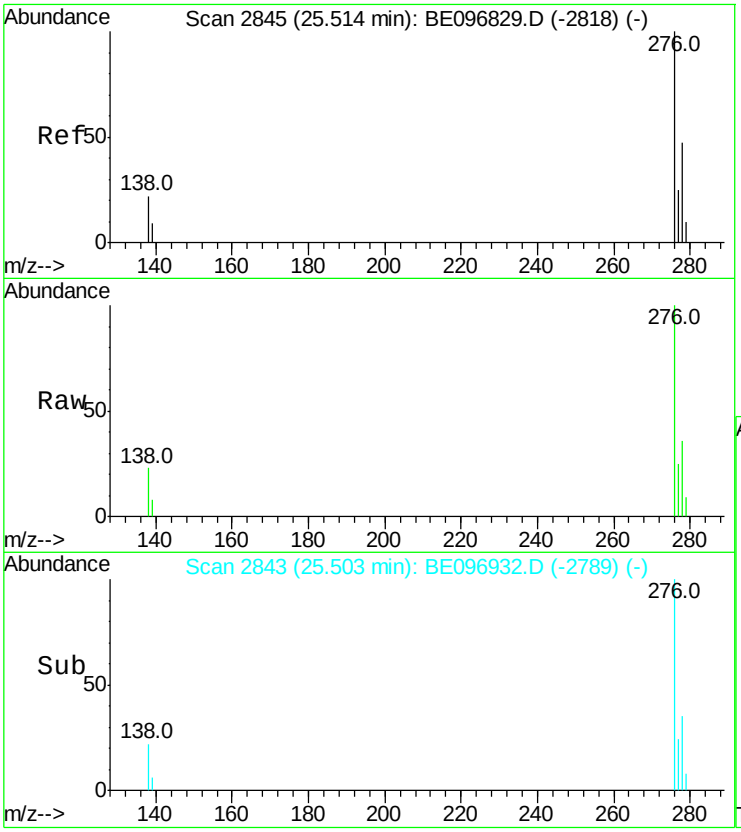


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.640 ng
RT: 20.93 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:149 Resp: 21206

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.8	0.7	1.1



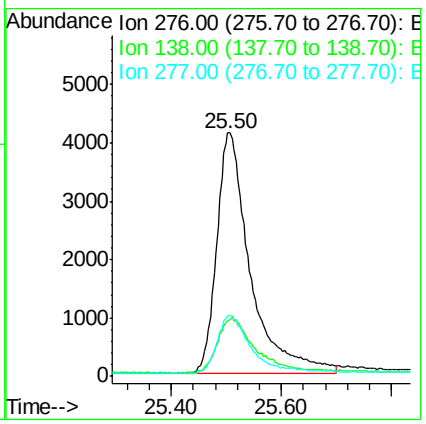


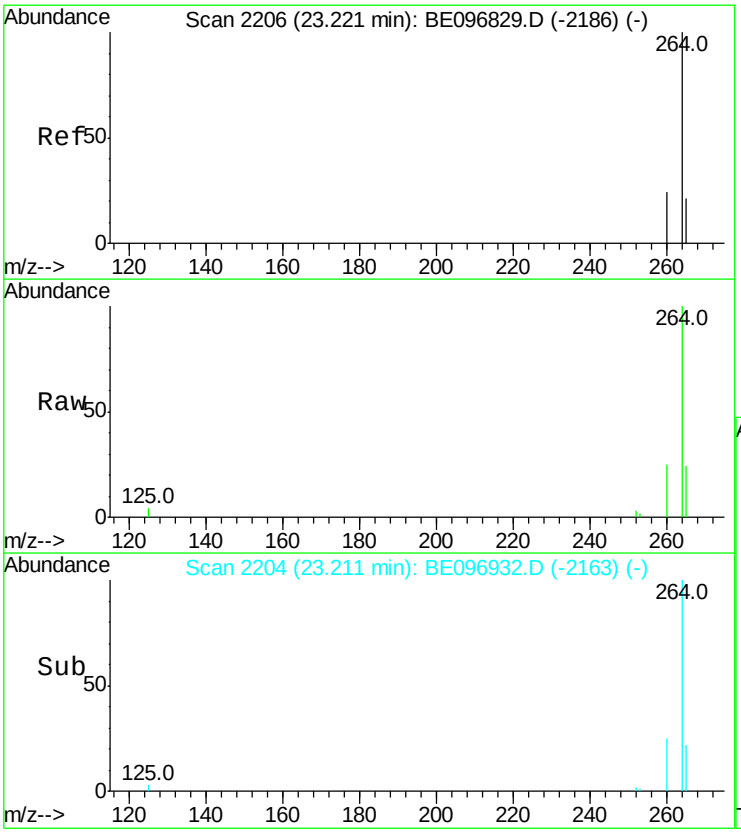
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.516 ng
RT: 25.50 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17538

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.5	33.7
277	25.1	19.9	29.9

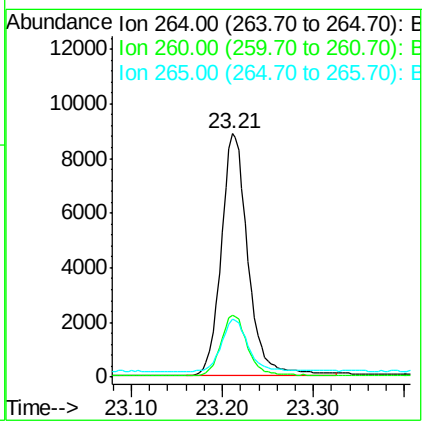


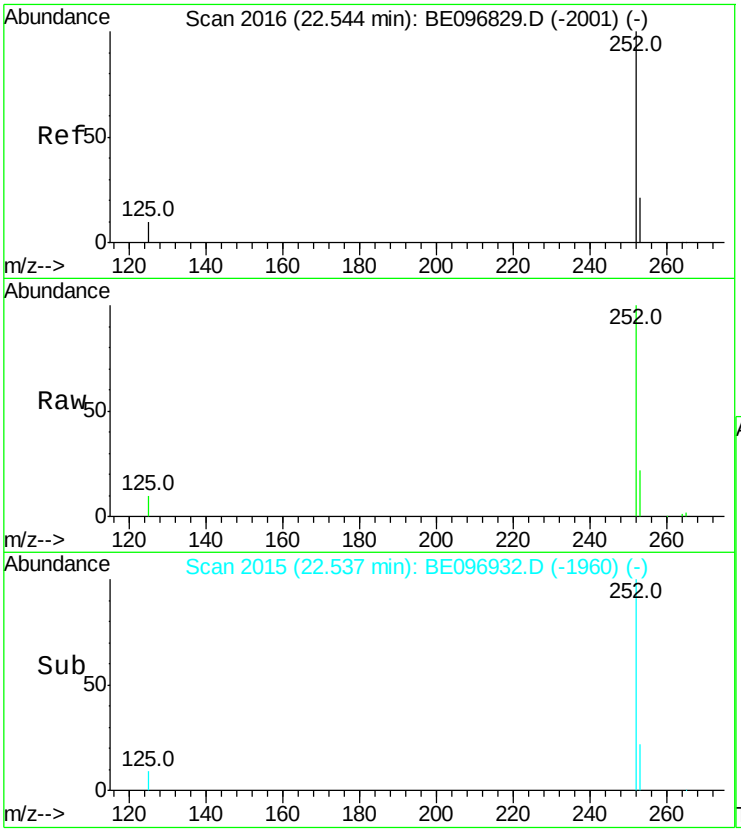


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:264 Resp: 18103

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	23.9	22.8	34.2



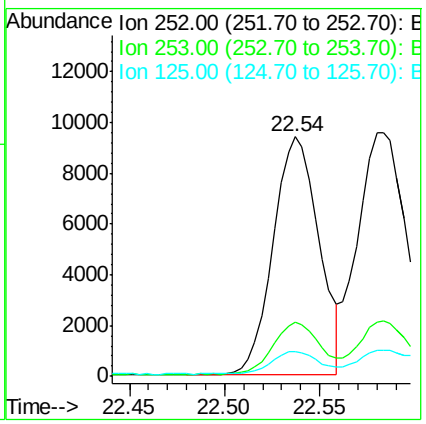


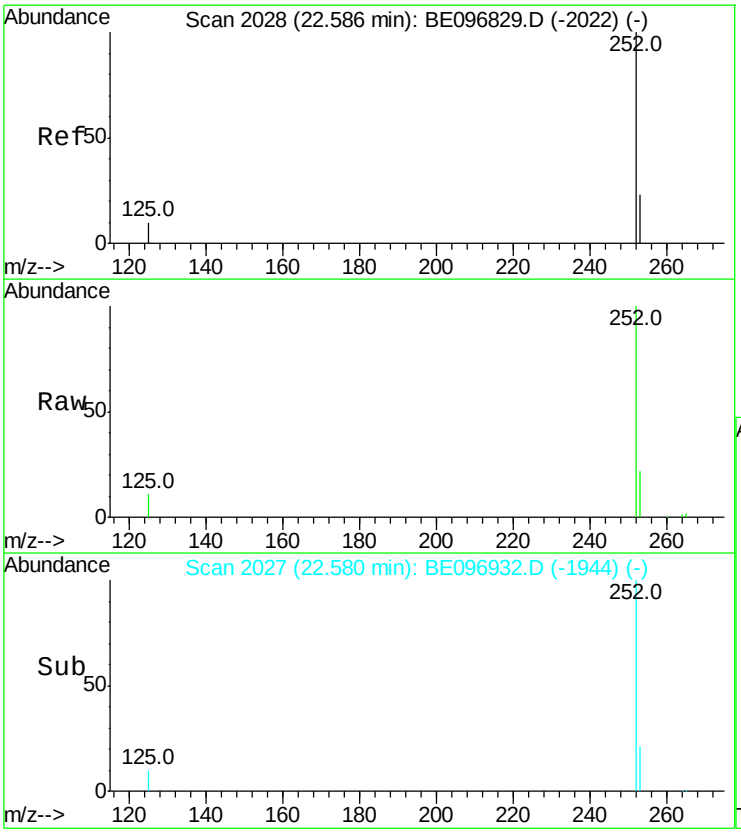
#35
Benzo(b)fluoranthene
Concen: 0.317 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15665

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	10.1	16.0	24.0#

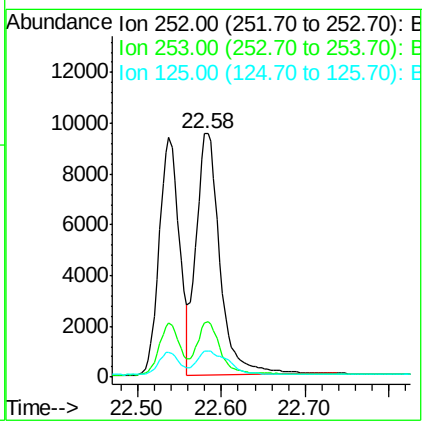


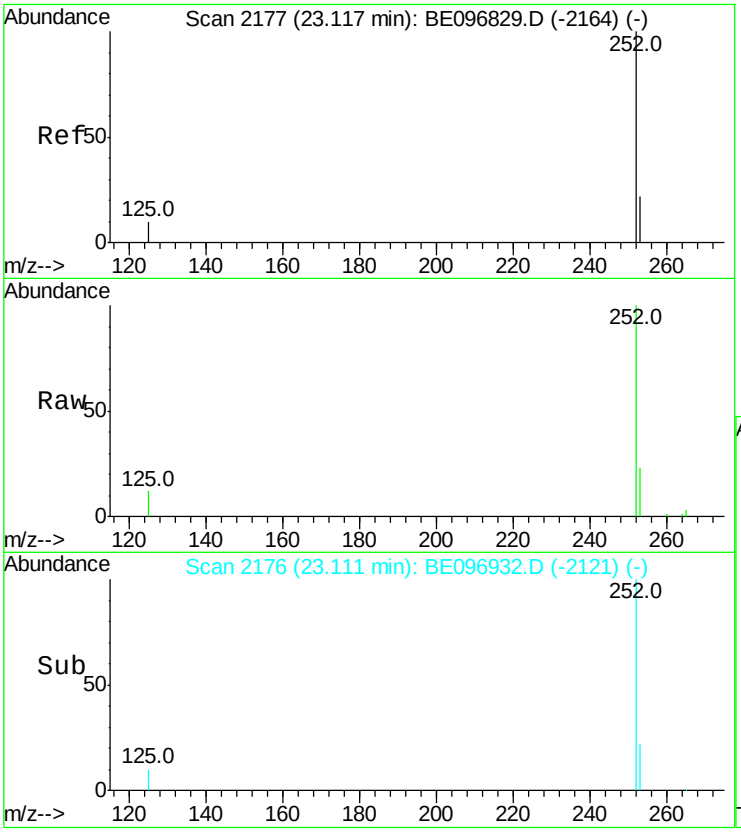


#36
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:252 Resp: 18745

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.0	24.0
125	10.6	8.0	12.0



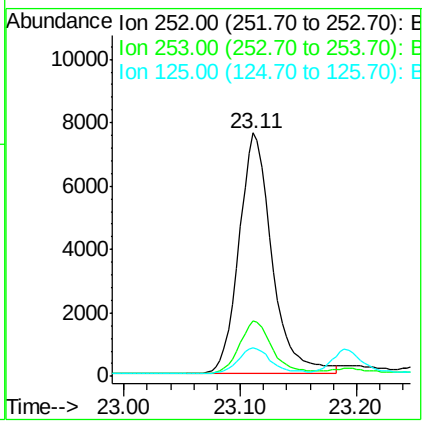


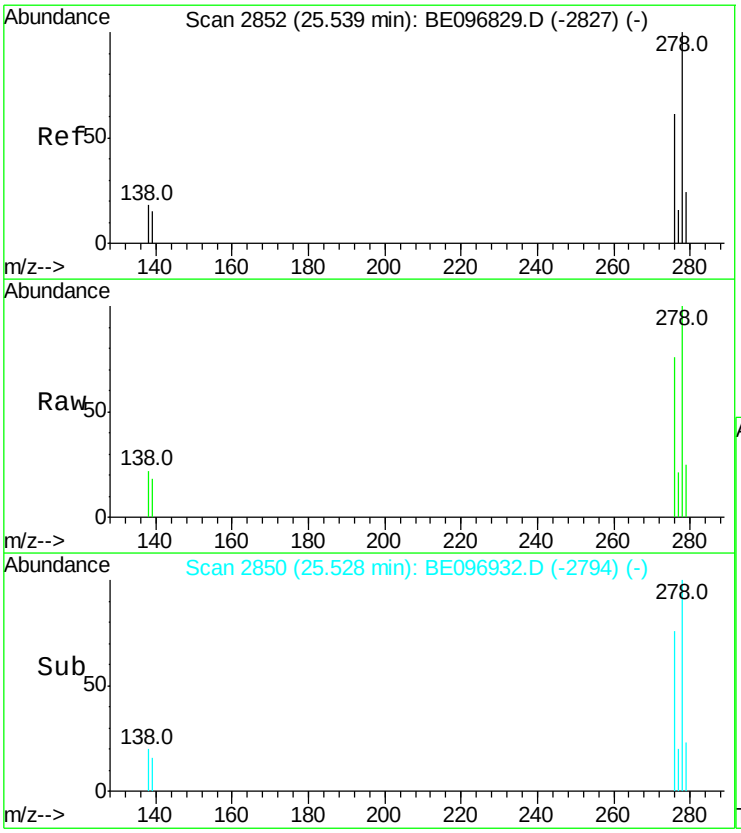
#37
Benzo(a)pyrene
Concen: 0.383 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15021

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	11.5	12.0	18.0#

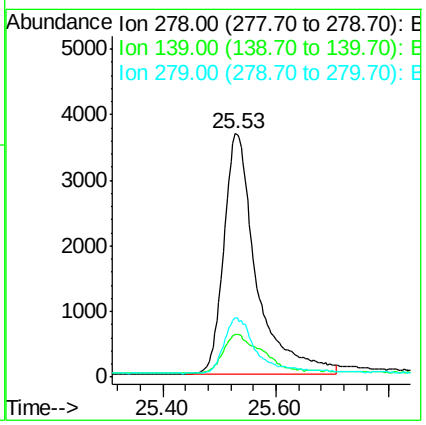


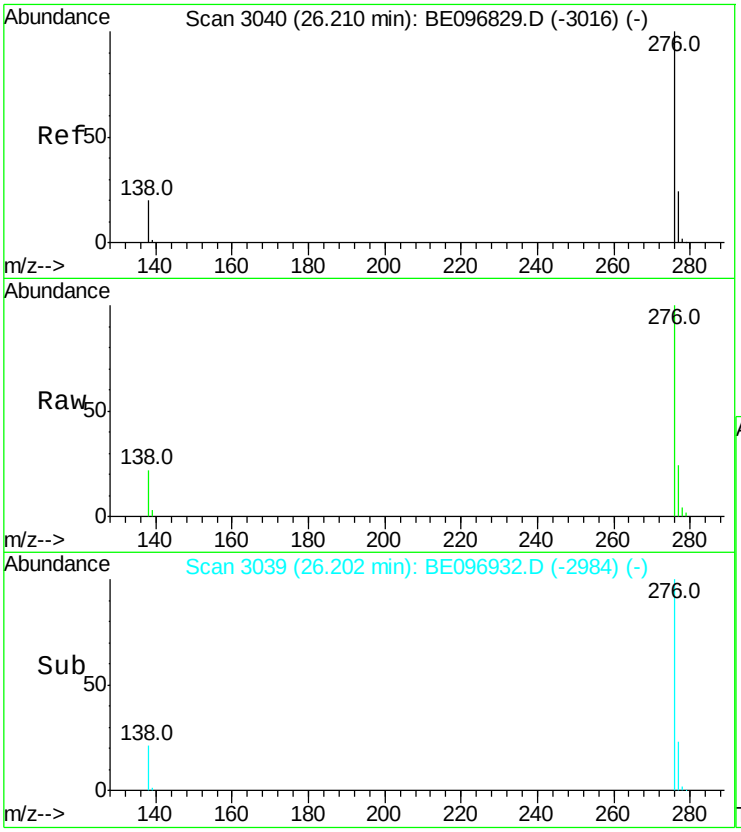


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.53 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:278 Resp: 14614

Ion	Ratio	Lower	Upper
278	100		
139	17.6	16.0	24.0
279	24.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15067

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	22.3	20.0	30.0