Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096833.D
Acq On : 20 Jun 2018 14:22
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Jun 20 15:00:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 14:13:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2745	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	13782	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	7785	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	21316	0.40	ng		0.00
27) Chrysene-d12	20.98	240	17914	0.40	ng		0.00
34) Perylene-d12	23.22	264	13822	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	4558	0.69	ng		0.00
5) Phenol-d6	6.59	99	6872	0.69	ng		0.00
8) Nitrobenzene-d5	8.53	82	6327	0.70	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	14786	0.69	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	1348	0.67	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	21203	0.69	ng		0.00
25) Fluoranthene-d10	18.82	212	135472	0.66	ng		0.00
29) Terphenyl-d14	19.44	244	26048	0.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	3206	0.724	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	3623	0.768	ng	#	86
6) bis(2-Chloroethyl)ether	6.84	93	7571	0.702	ng		97
9) Naphthalene	10.20	128	92308	0.685	ng		99
10) Hexachlorobutadiene	10.50	225	3839	0.686	ng		96
12) 2-Methylnaphthalene	11.81	142	15539	0.694	ng		100
16) Acenaphthylene	13.74	152	25135	0.688	ng		100
17) Acenaphthene	14.08	154	16617	0.686	ng		95
18) Fluorene	15.07	166	19309	0.677	ng	#	79
20) 4-Bromophenyl-phenylether	15.98	248	7079	0.680	ng	#	85
21) Hexachlorobenzene	16.09	284	7753	0.650	ng	#	79
22) Pentachlorophenol	16.43	266	1431	0.660	ng	#	71
23) Phenanthrene	16.81	178	37962	0.667	ng		98
24) Anthracene	16.90	178	32336	0.687	ng		96
26) Fluoranthene	18.84	202	40755	0.670	ng		99
28) Pyrene	19.21	202	38473	0.687	ng		99
30) Benzo(a)anthracene	20.97	228	30224	0.702	ng		96
31) Chrysene	21.02	228	37090	0.700	ng		100
32) Bis(2-ethylhexyl)phthalate	20.93	149	24430	0.603	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	27469	0.696	ng		96
35) Benzo(b)fluoranthene	22.54	252	28422	0.686	ng	#	88
36) Benzo(k)fluoranthene	22.59	252	32782	0.700	ng		96
37) Benzo(a)pyrene	23.12	252	23456	0.675	ng	#	93
38) Dibenzo(a,h)anthracene	25.54	278	23549	0.697	ng		95
39) Benzo(g,h,i)perylene	26.21	276	25199	0.686	ng		92

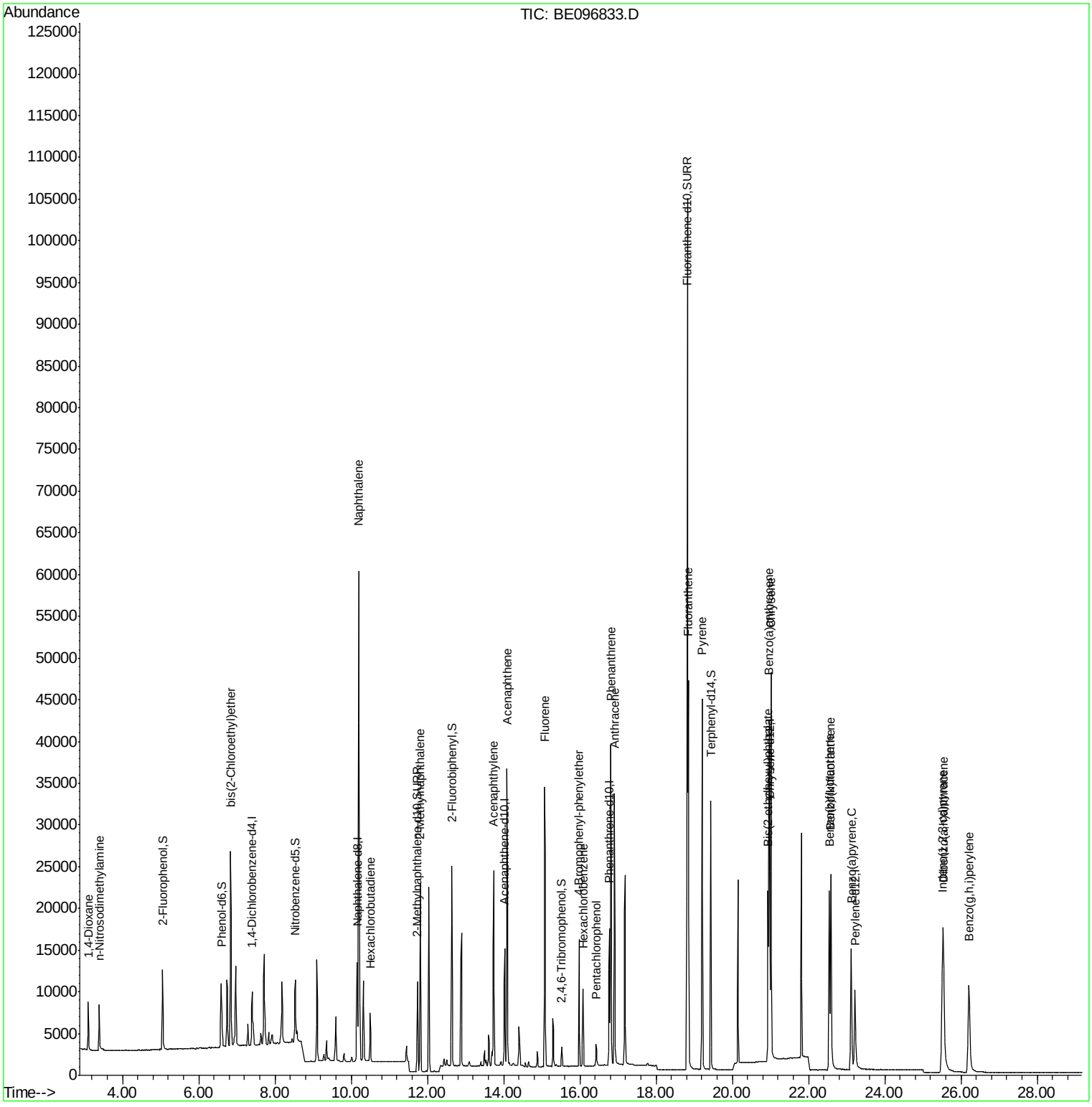
(#) = qualifier out of range (m) = manual integration (+) = signals summed

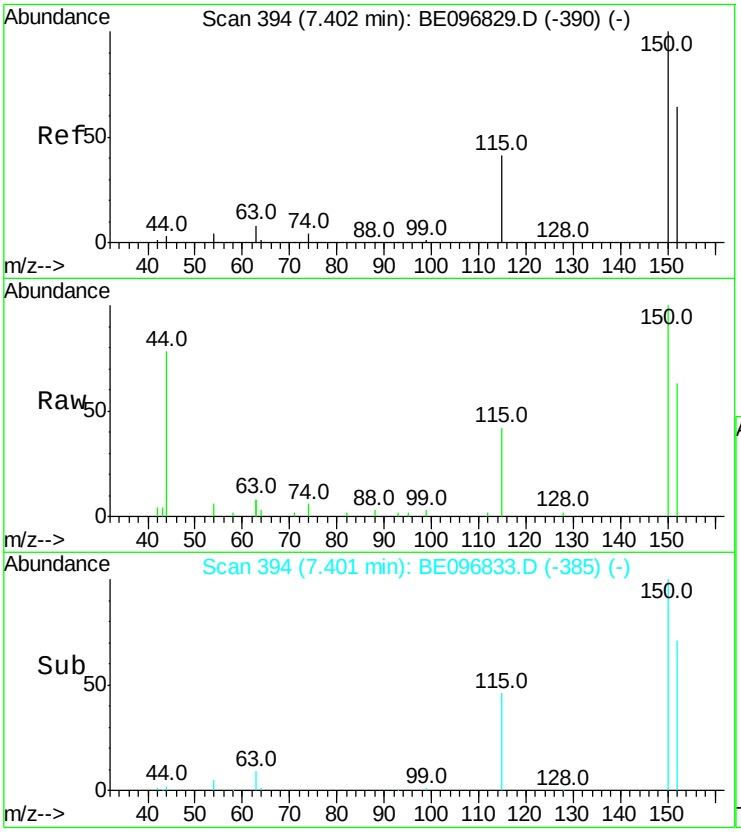
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096833.D
Acq On : 20 Jun 2018 14:22
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 20 15:00:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 14:13:32 2018
Response via : Initial Calibration



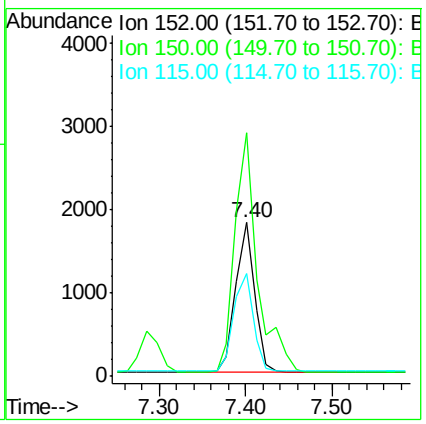


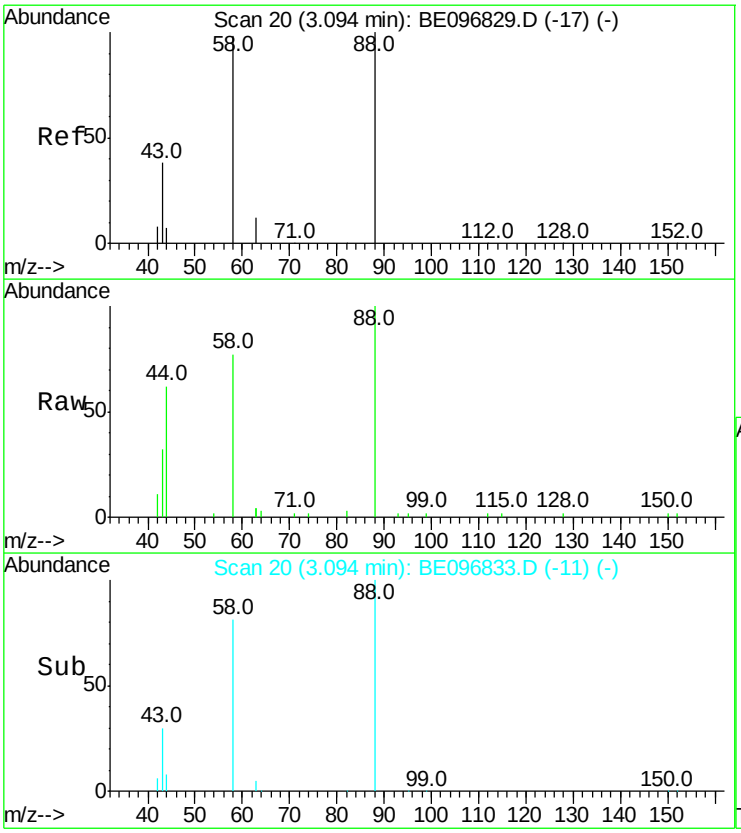
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 2745

Ion	Ratio	Lower	Upper
152	100		
150	158.3	117.2	175.8
115	66.5	57.0	85.6

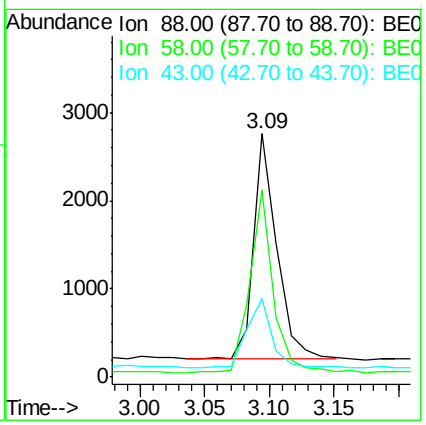


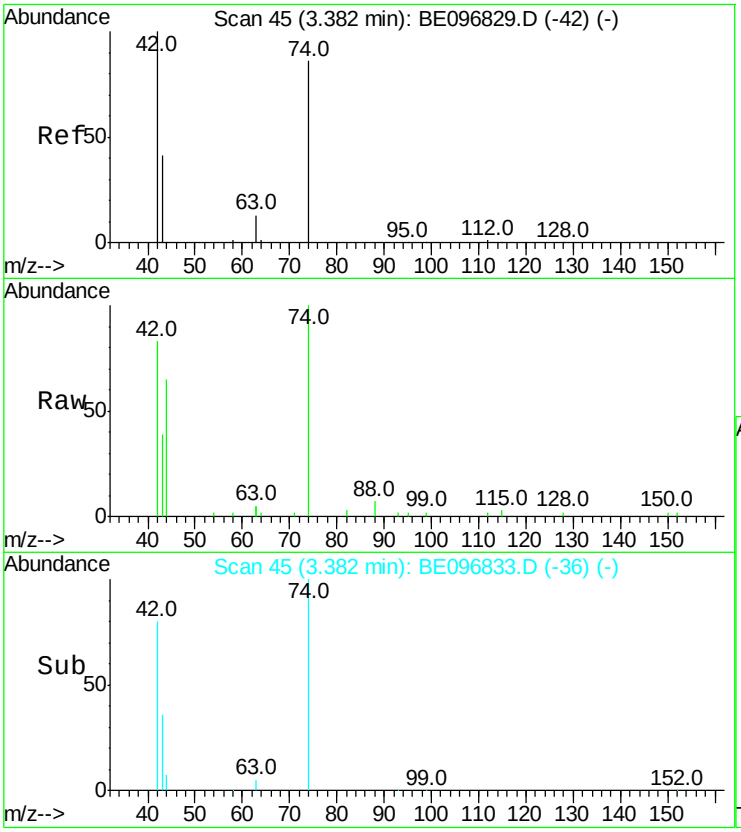


#2
1,4-Dioxane
Concen: 0.724 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion: 88 Resp: 3206

Ion	Ratio	Lower	Upper
88	100		
58	80.3	63.2	94.8
43	31.7	41.2	61.8#



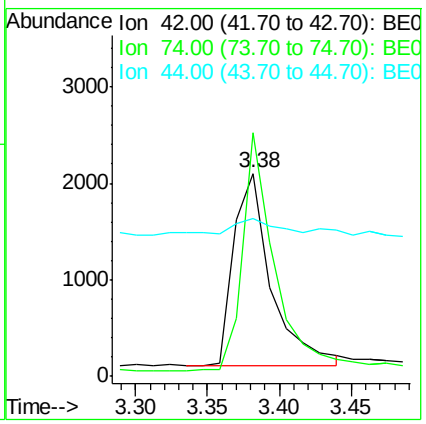


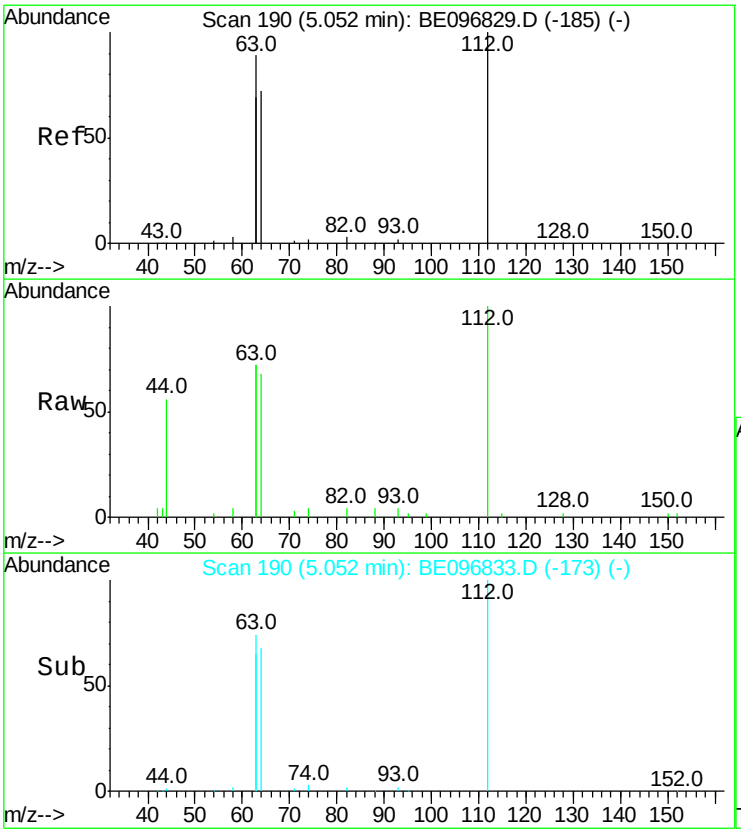
#3
n-Nitrosodimethylamine
Concen: 0.768 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 3623

Ion	Ratio	Lower	Upper
42	100		
74	104.0	96.0	144.0
44	11.9	12.0	18.0#

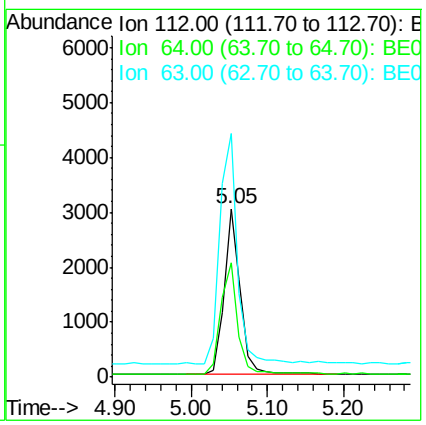


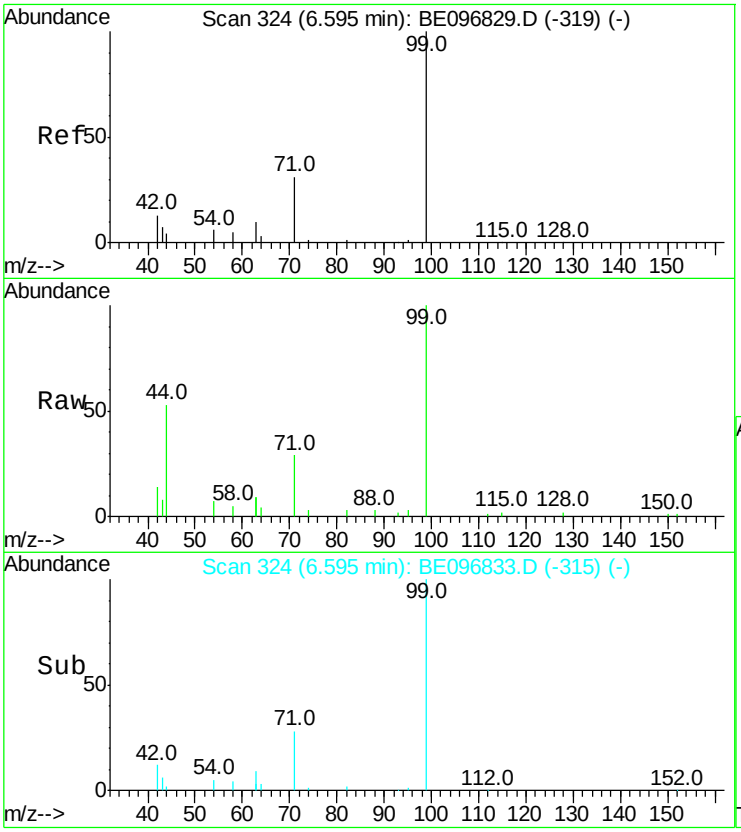


#4
2-Fluorophenol
Concen: 0.689 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:112 Resp: 4558

Ion	Ratio	Lower	Upper
112	100		
64	70.3	60.1	90.1
63	151.8	116.8	175.2



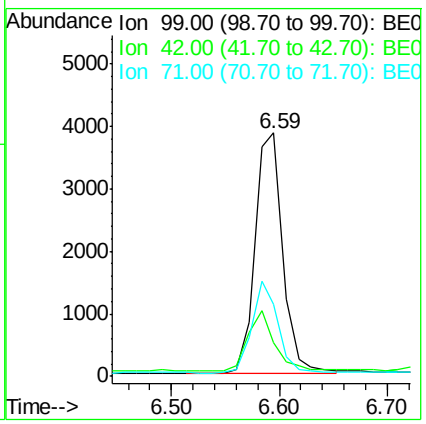


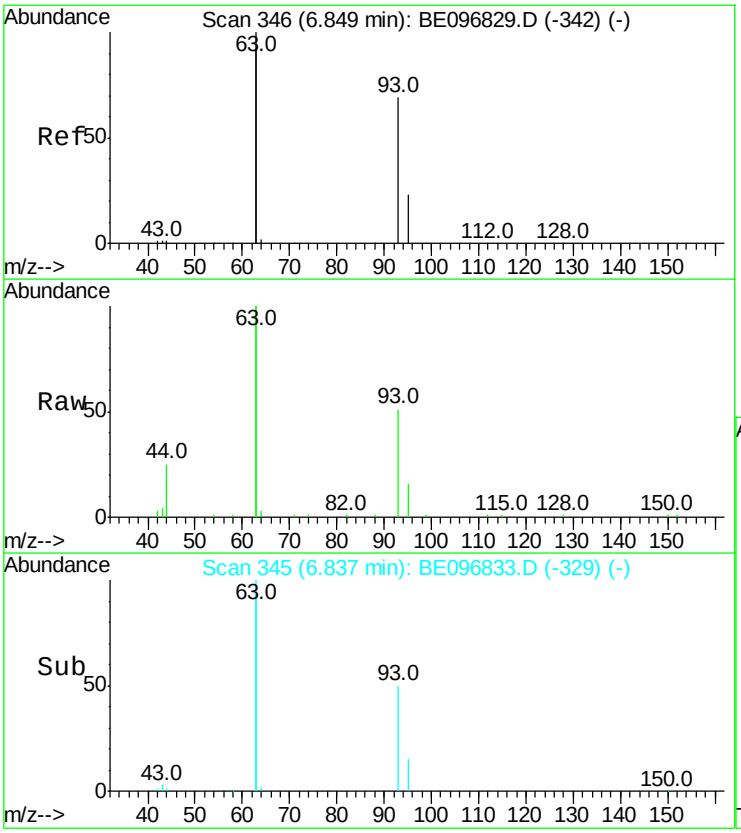
#5
Phenol-d6
Concen: 0.693 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6872

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	35.9	28.4	42.6

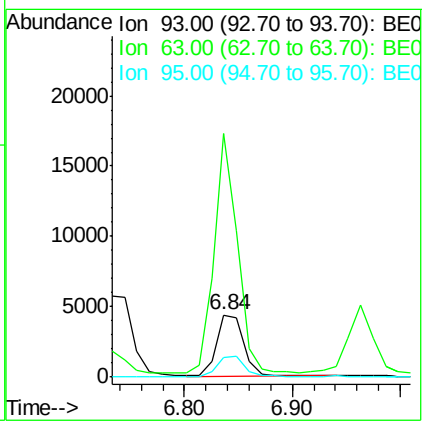


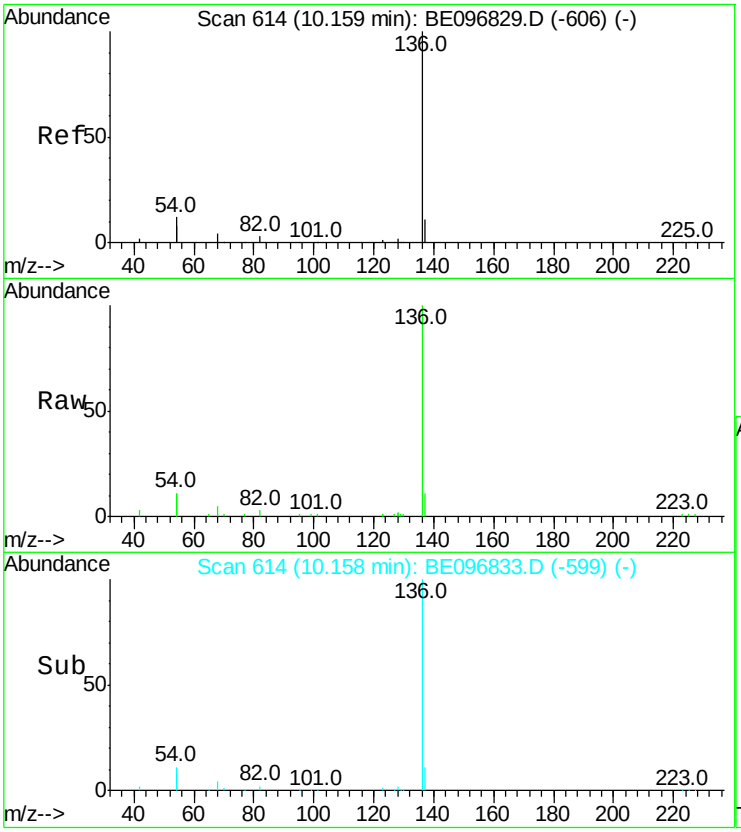


#6
bis(2-Chloroethyl)ether
Concen: 0.702 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.01 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion: 93 Resp: 7571

Ion	Ratio	Lower	Upper
93	100		
63	337.0	275.3	412.9
95	31.8	25.2	37.8



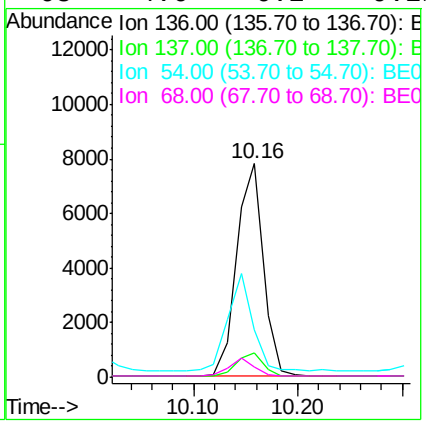


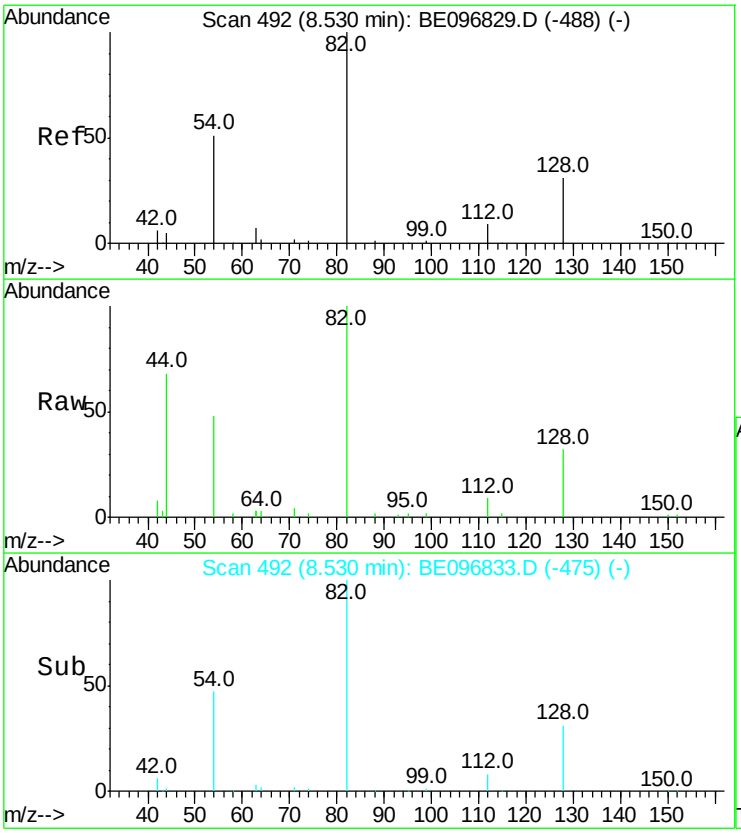
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 614
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 13782

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	22.2	29.1	43.7#
68	4.6	6.2	9.2#

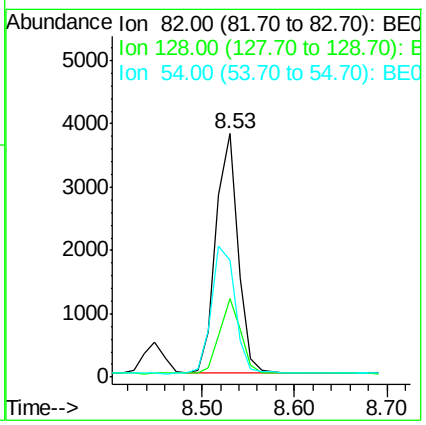


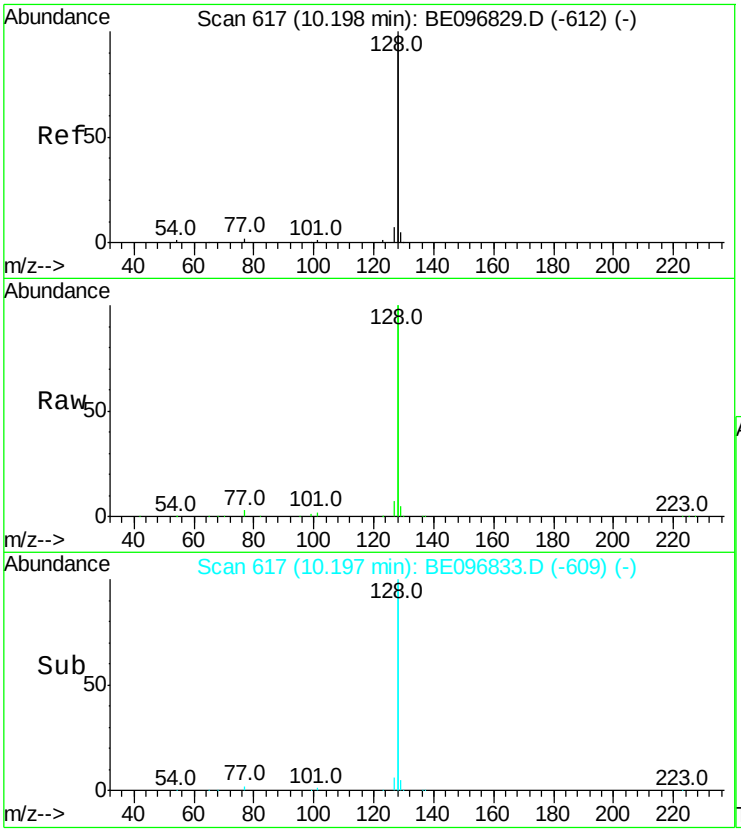


#8
Nitrobenzene-d5
Concen: 0.701 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion: 82 Resp: 6327

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.0	36.0
54	48.1	40.0	60.0



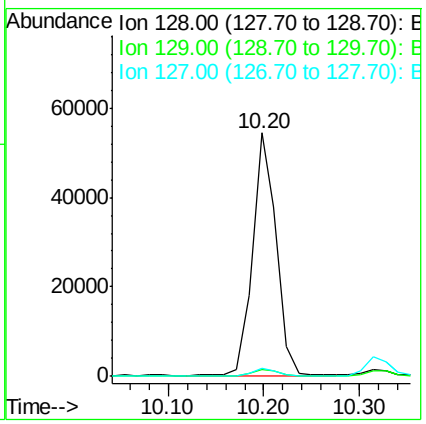


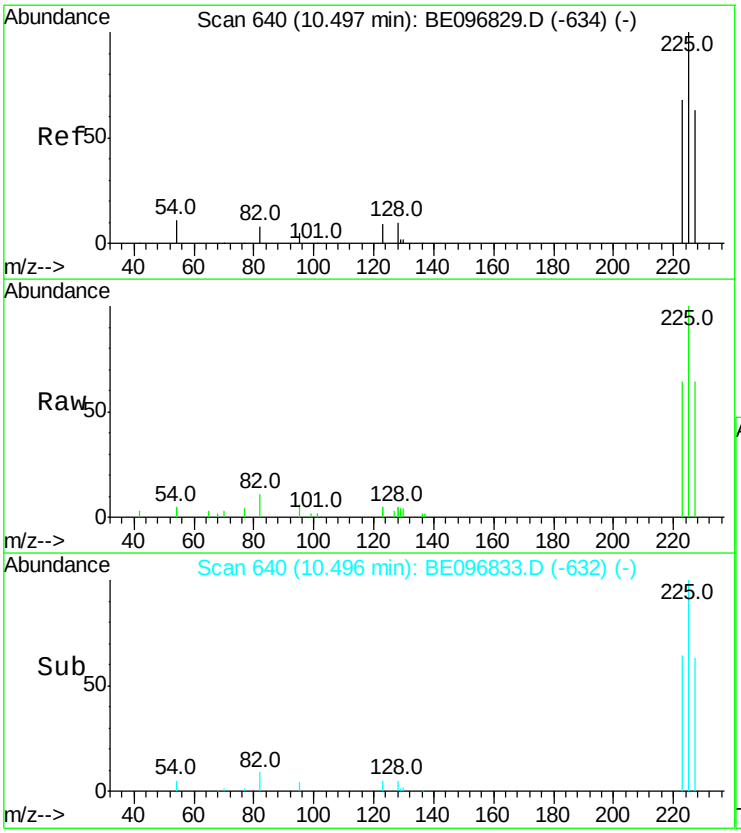
#9
Naphthalene
Concen: 0.685 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 92308

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.6	3.8
127	3.3	2.8	4.2

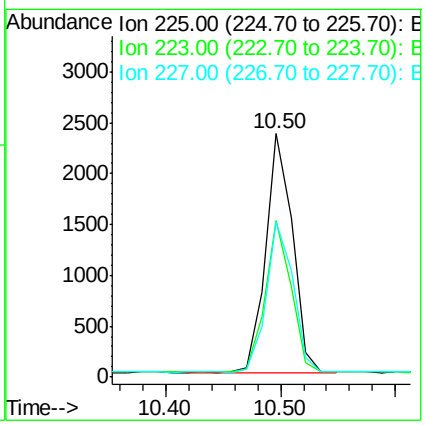


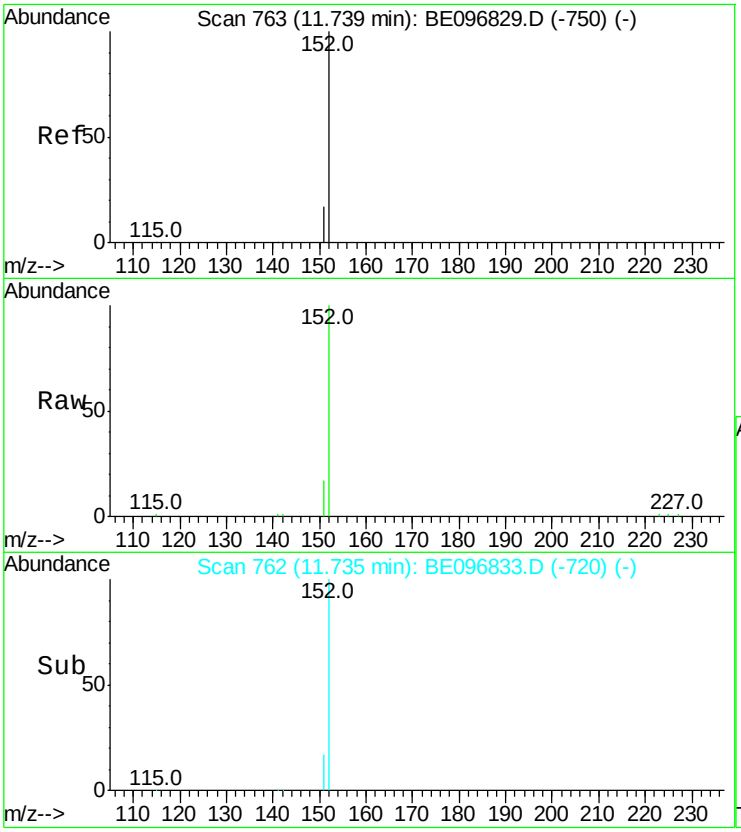


#10
Hexachlorobutadiene
Concen: 0.686 ng
RT: 10.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:225 Resp: 3839

Ion	Ratio	Lower	Upper
225	100		
223	61.2	53.0	79.6
227	63.2	51.4	77.2



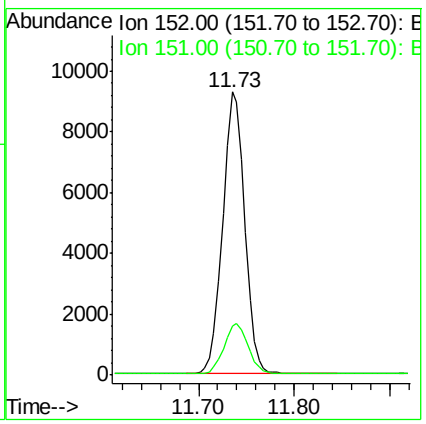


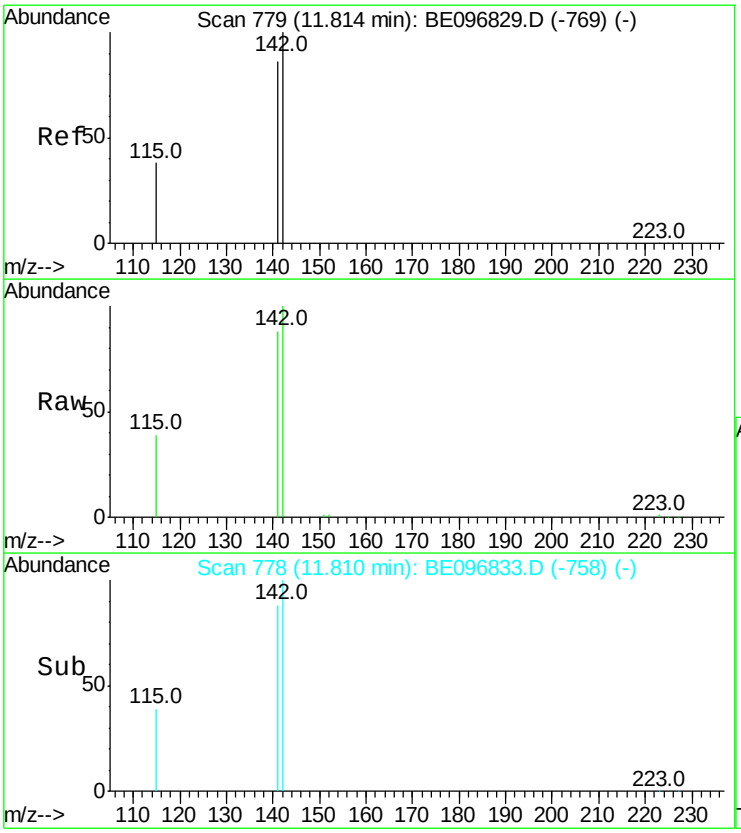
#11
2-Methylnaphthalene-d10
Concen: 0.690 ng
RT: 11.73 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 14786

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

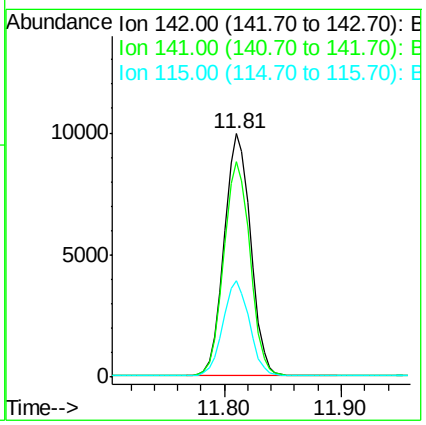


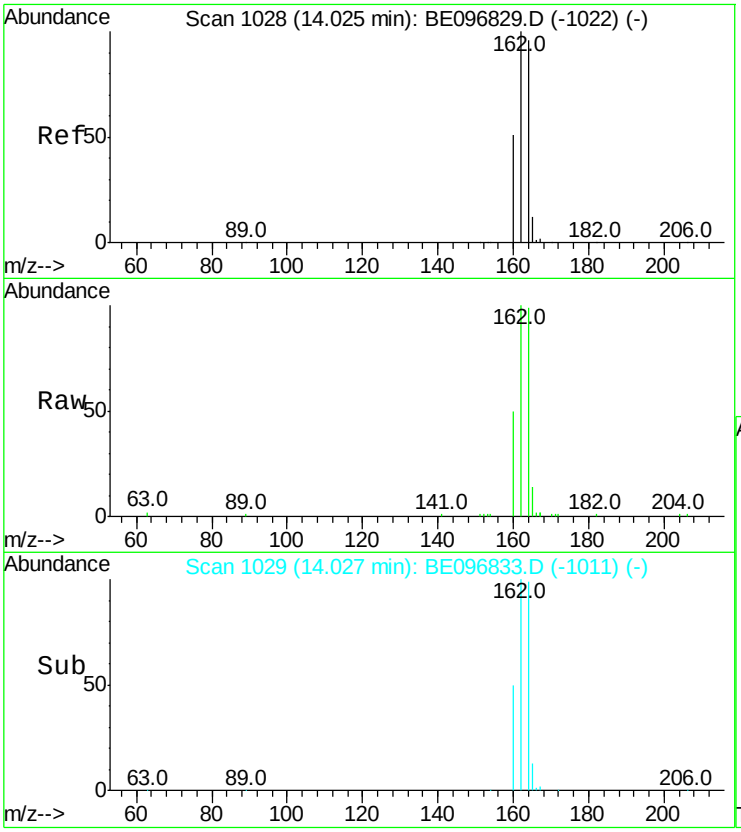


#12
2-Methylnaphthalene
Concen: 0.694 ng
RT: 11.81 min Scan# 778
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:142 Resp: 15539

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	39.4	31.7	47.5



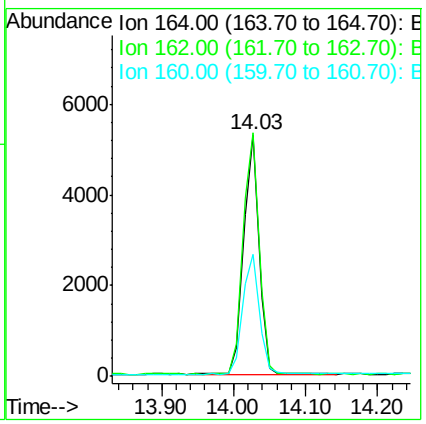


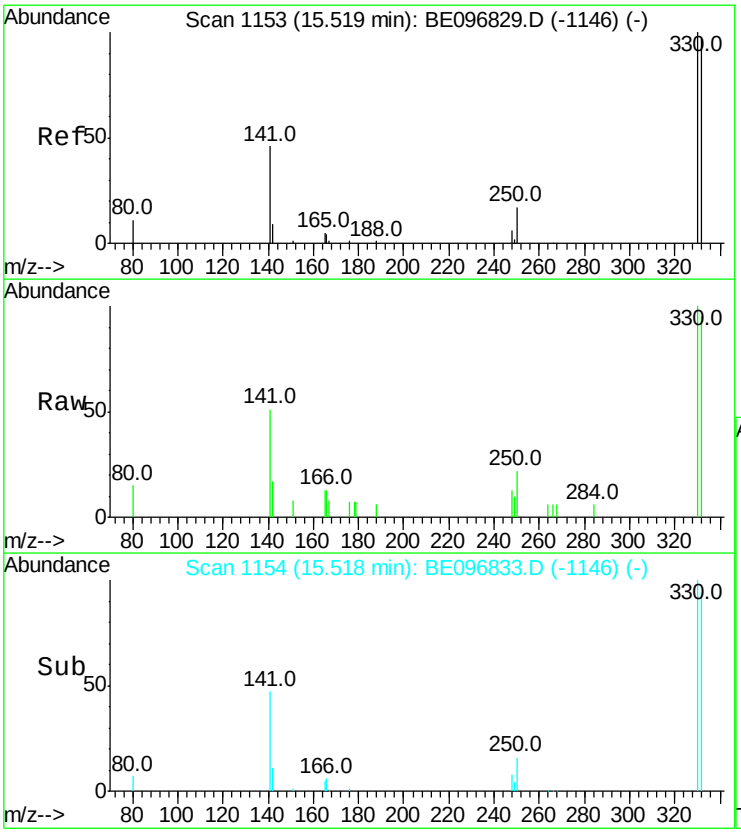
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7785

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.1	124.7
160	50.5	37.1	55.7

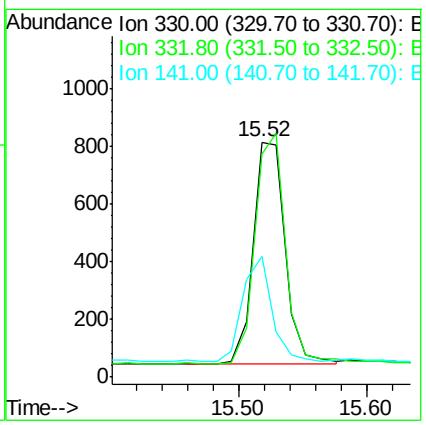


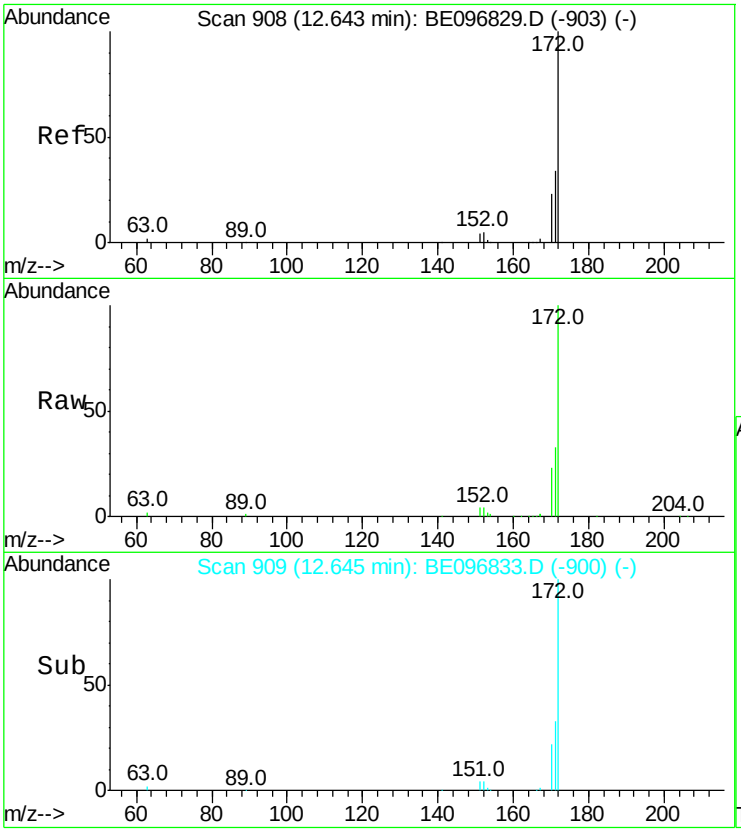


#14
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:330 Resp: 1348

Ion	Ratio	Lower	Upper
330	100		
332	98.6	152.7	229.1#
141	41.9	33.7	50.5



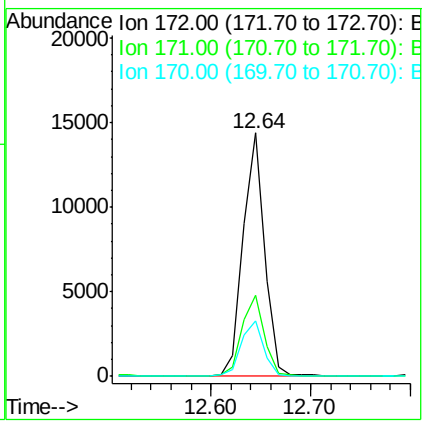


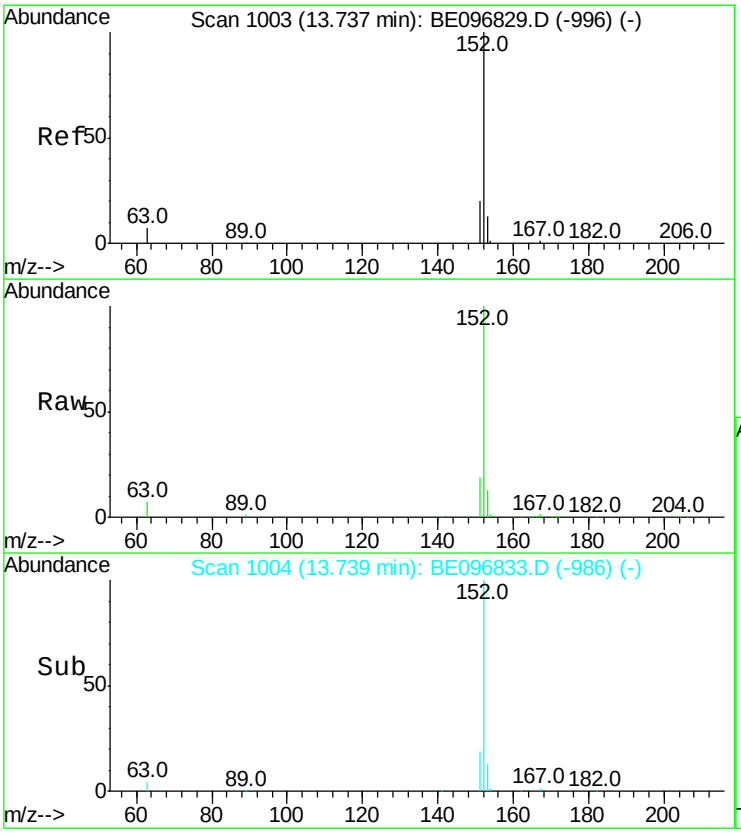
#15
2-Fluorobiphenyl
Concen: 0.686 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 21203

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.9	44.9
170	22.5	21.8	32.8

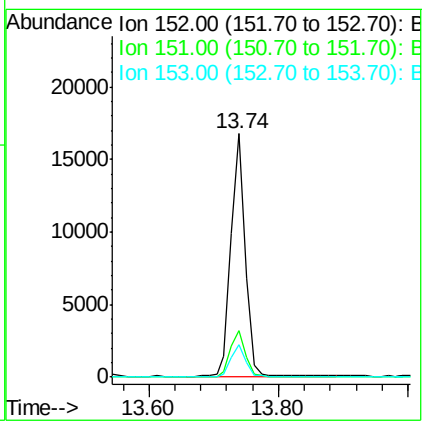


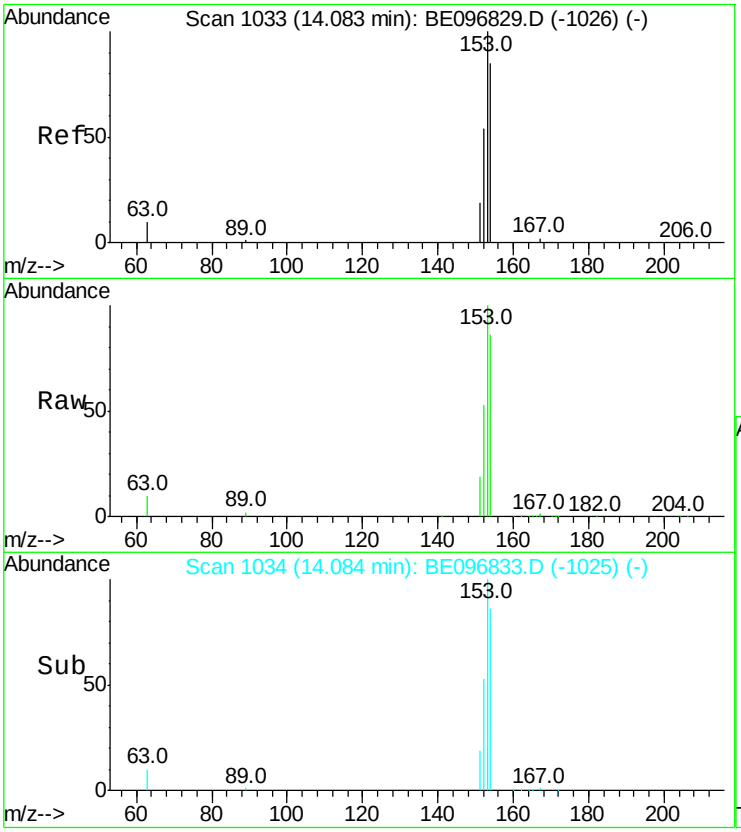


#16
Acenaphthylene
Concen: 0.688 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:152 Resp: 25135

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.9	10.5	15.7



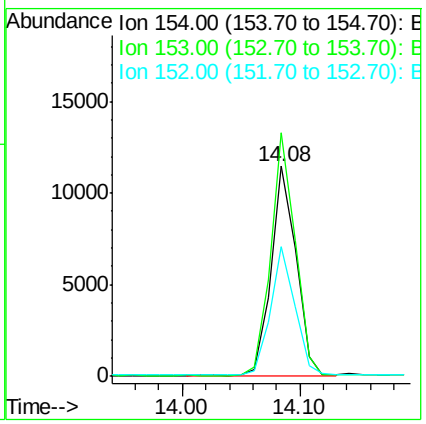


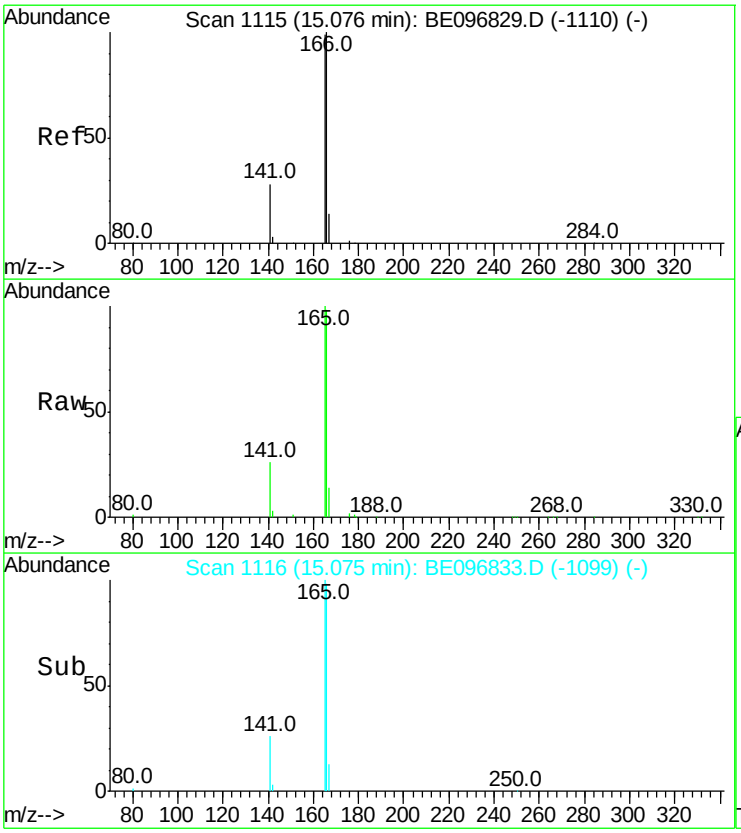
#17
Acenaphthene
Concen: 0.686 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 16617

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	60.9	42.0	63.0

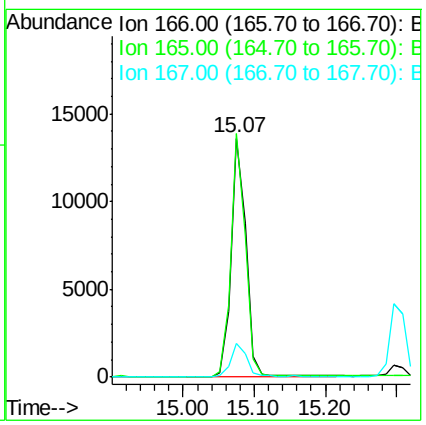


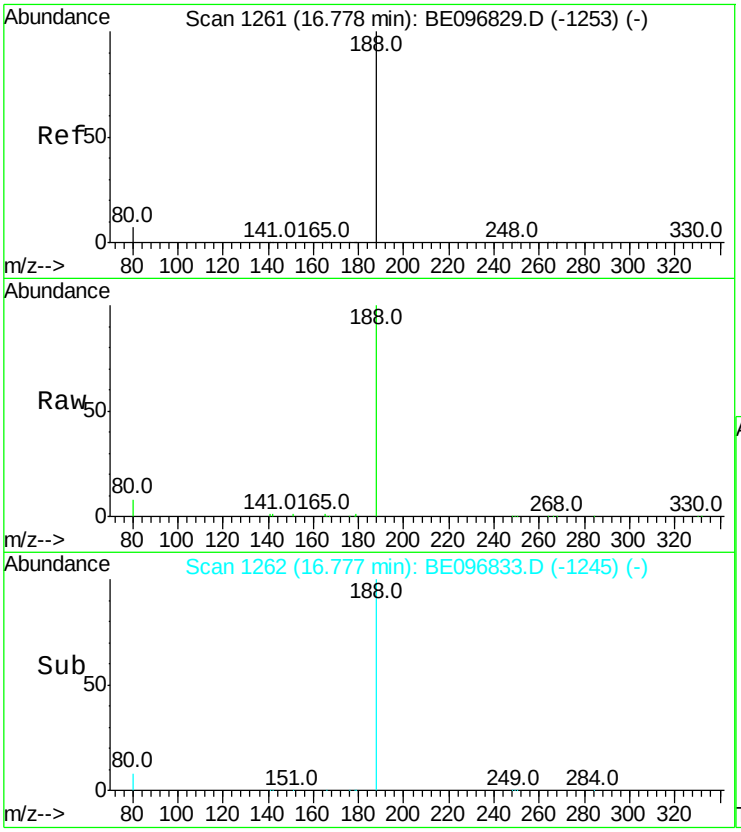


#18
Fluorene
Concen: 0.677 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:166 Resp: 19309

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	14.4	42.4	63.6#



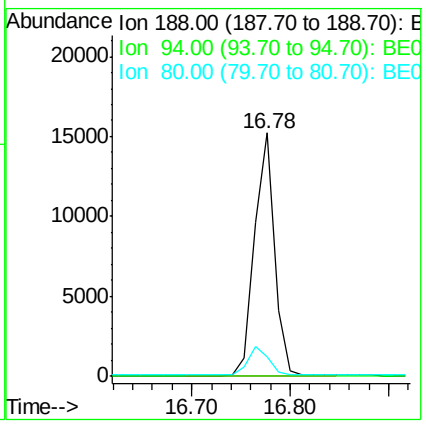


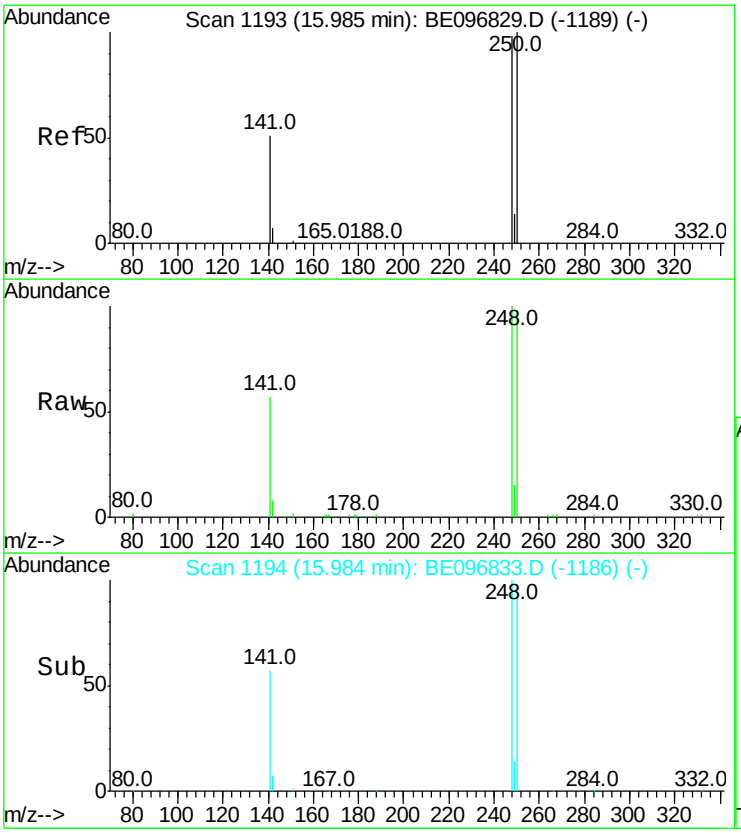
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 21316

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

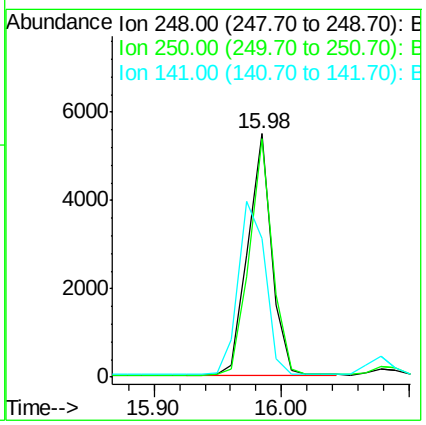


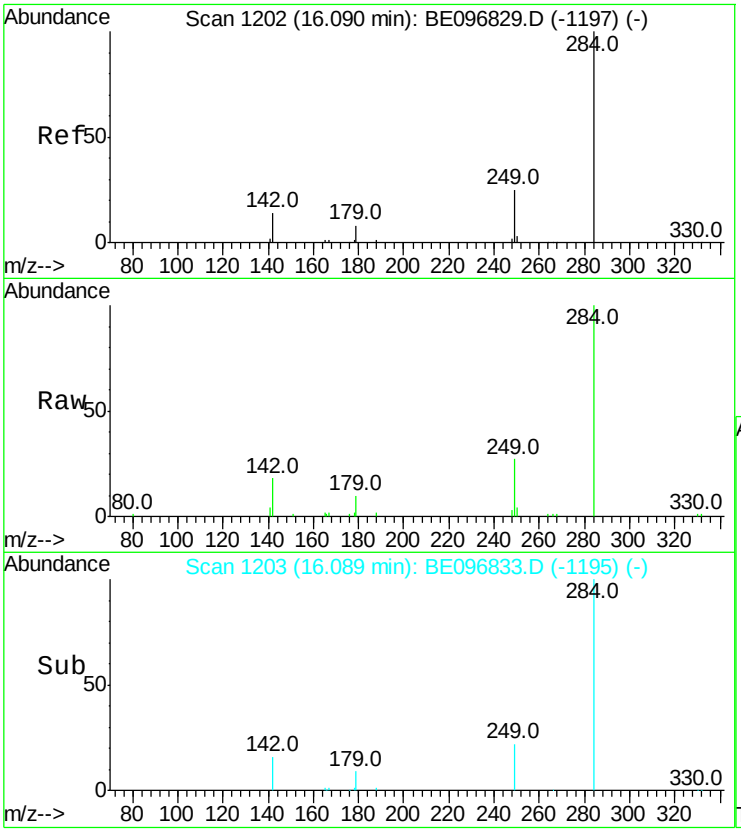


#20
4-Bromophenyl-phenylether
Concen: 0.680 ng
RT: 15.98 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:248 Resp: 7079

Ion	Ratio	Lower	Upper
248	100		
250	98.1	62.7	94.1#
141	57.1	48.2	72.2



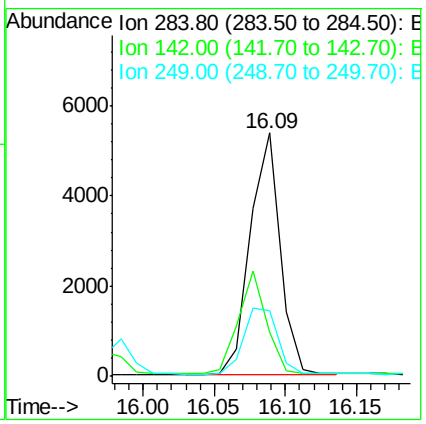


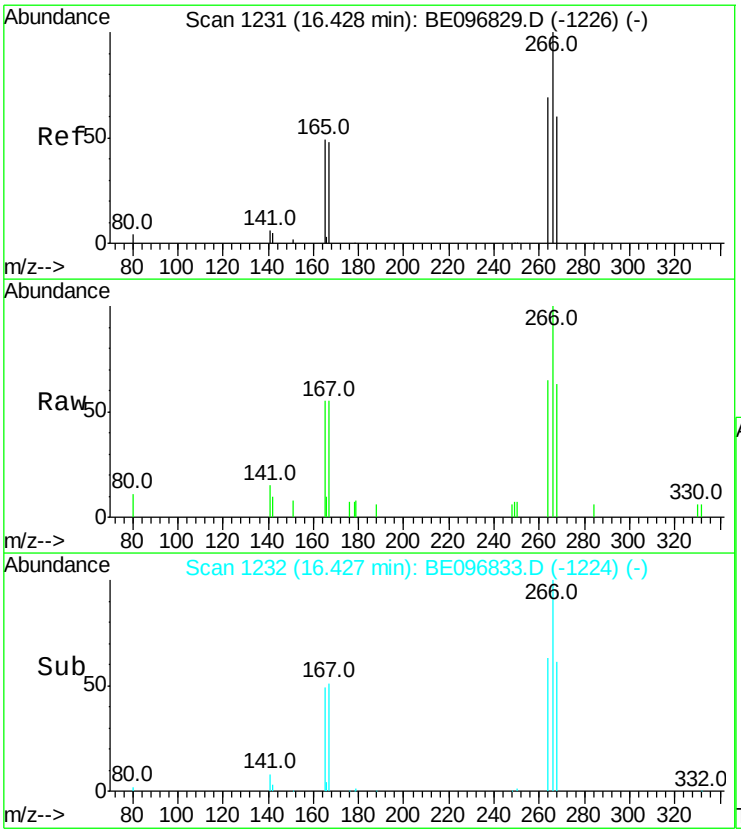
#21
Hexachlorobenzene
Concen: 0.650 ng
RT: 16.09 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 7753

Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.1	33.1#
249	31.5	34.8	52.2#

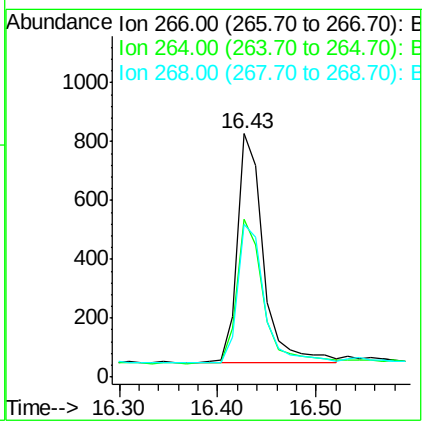


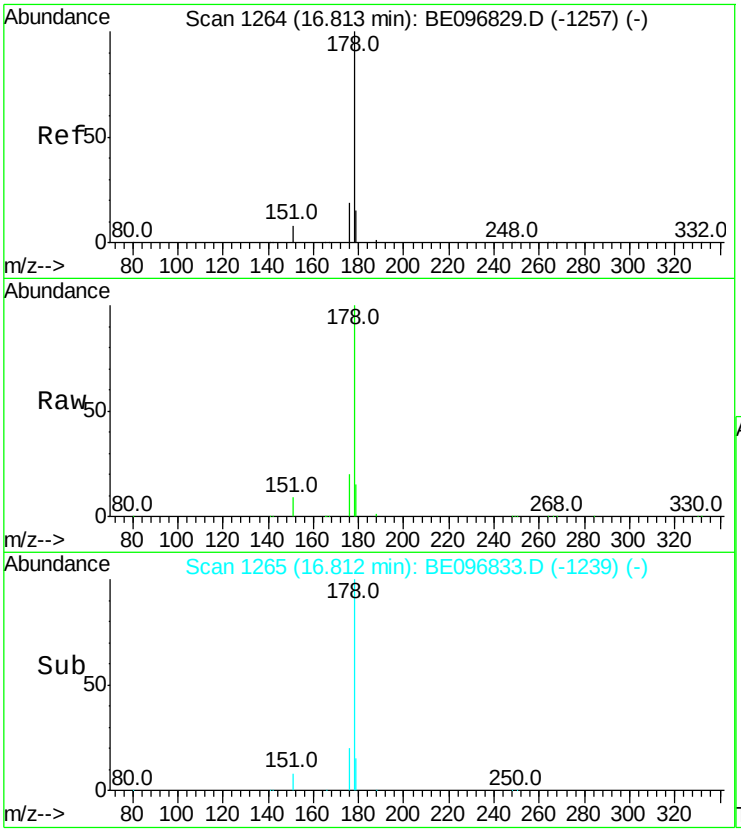


#22
Pentachlorophenol
Concen: 0.660 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:266 Resp: 1431

Ion	Ratio	Lower	Upper
266	100		
264	64.9	72.5	108.7#
268	62.9	73.8	110.6#



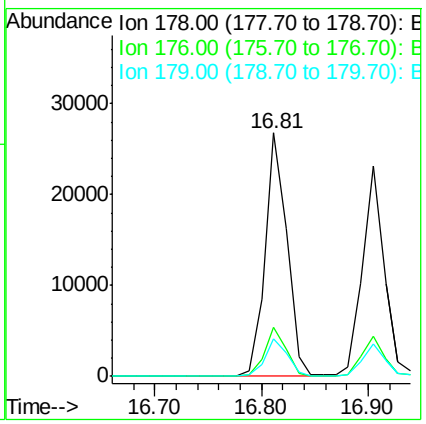


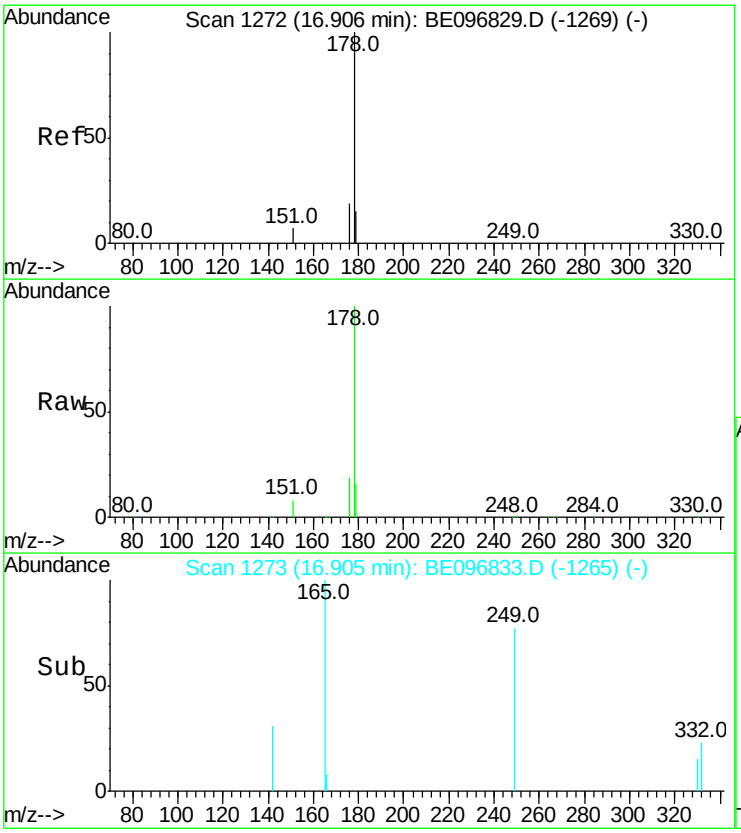
#23
Phenanthrene
Concen: 0.667 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 37962

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.4	11.8	17.6

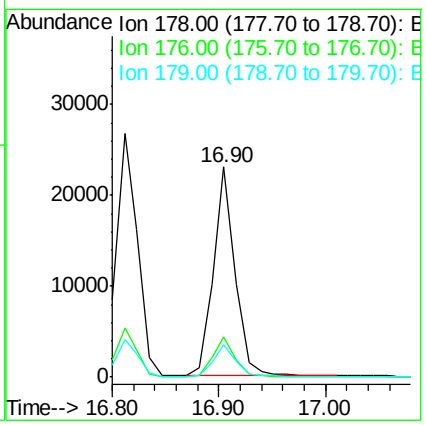


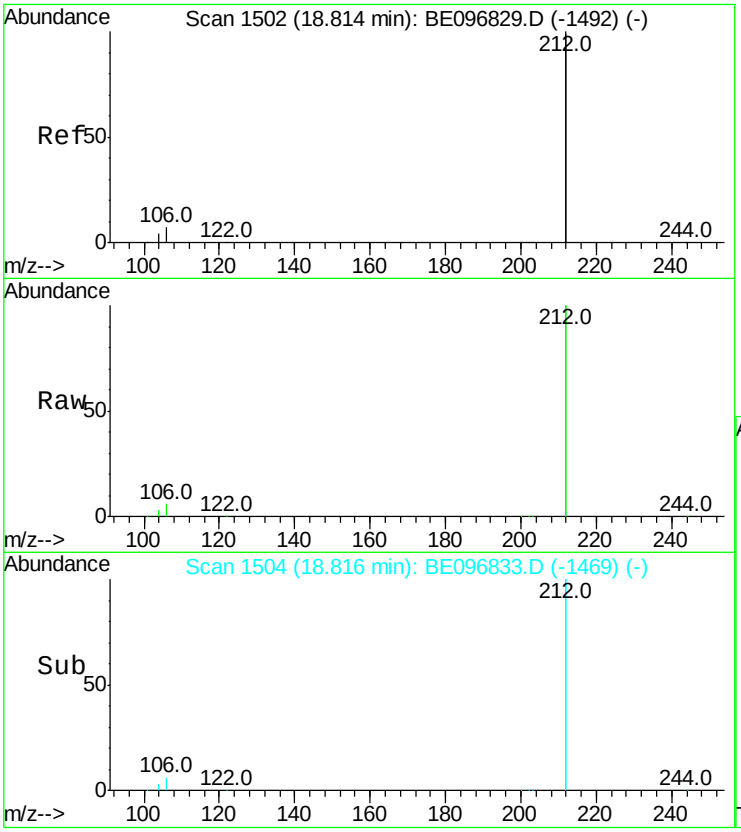


#24
Anthracene
Concen: 0.687 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:178 Resp: 32336

Ion	Ratio	Lower	Upper
178	100		
176	18.8	12.8	19.2
179	15.3	13.0	19.6



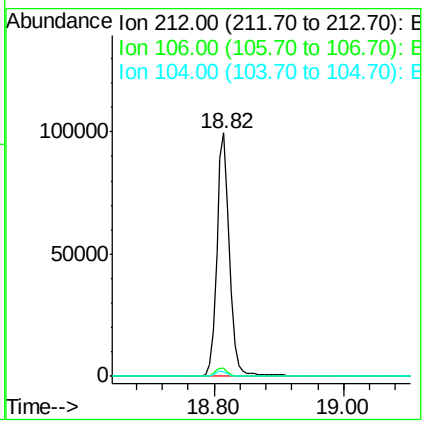


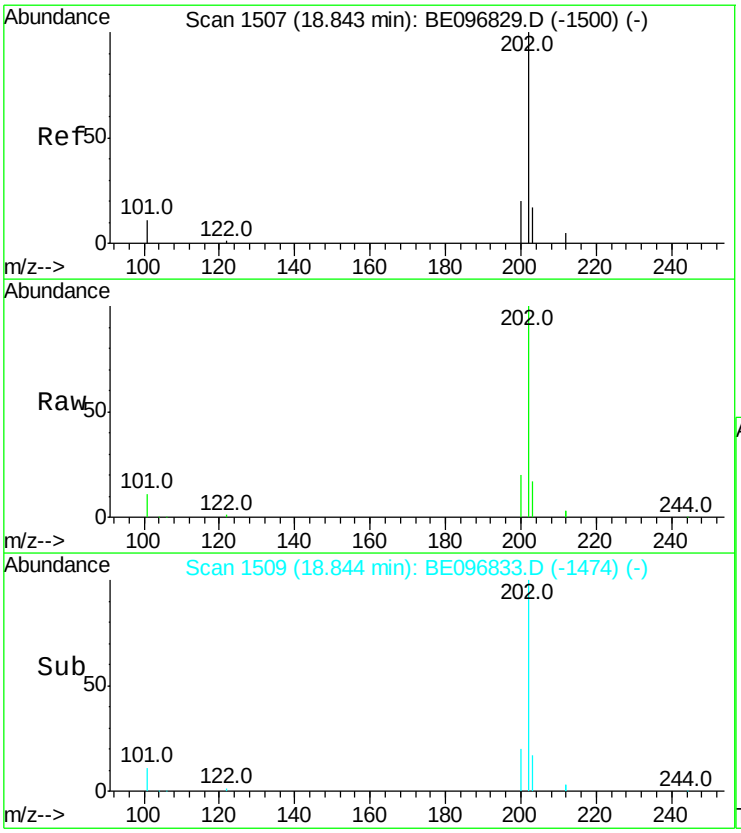
#25
Fluoranthene-d10
Concen: 0.662 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 135472

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

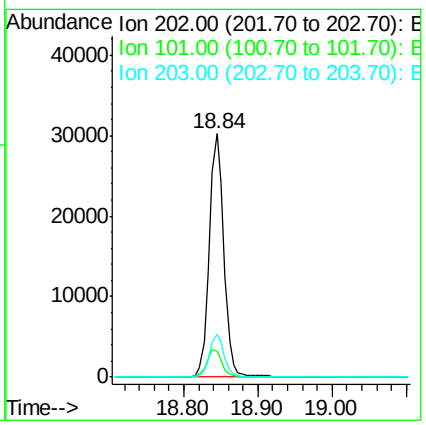


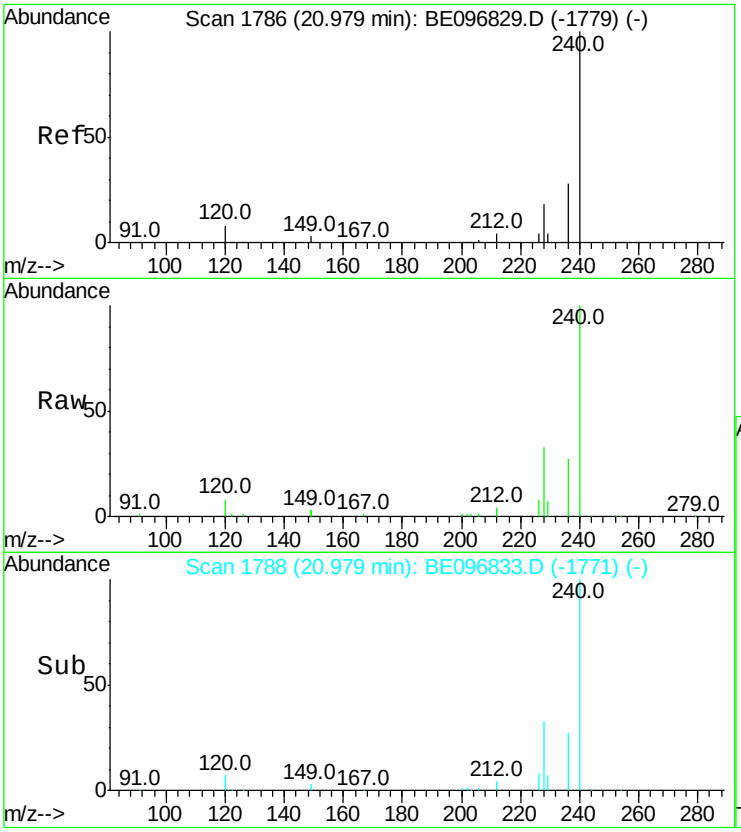


#26
Fluoranthene
Concen: 0.670 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:202 Resp: 40755

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.3	13.7	20.5



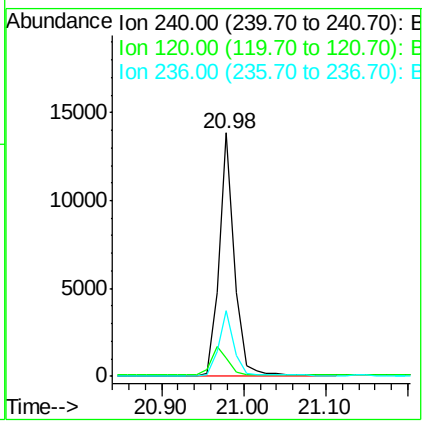


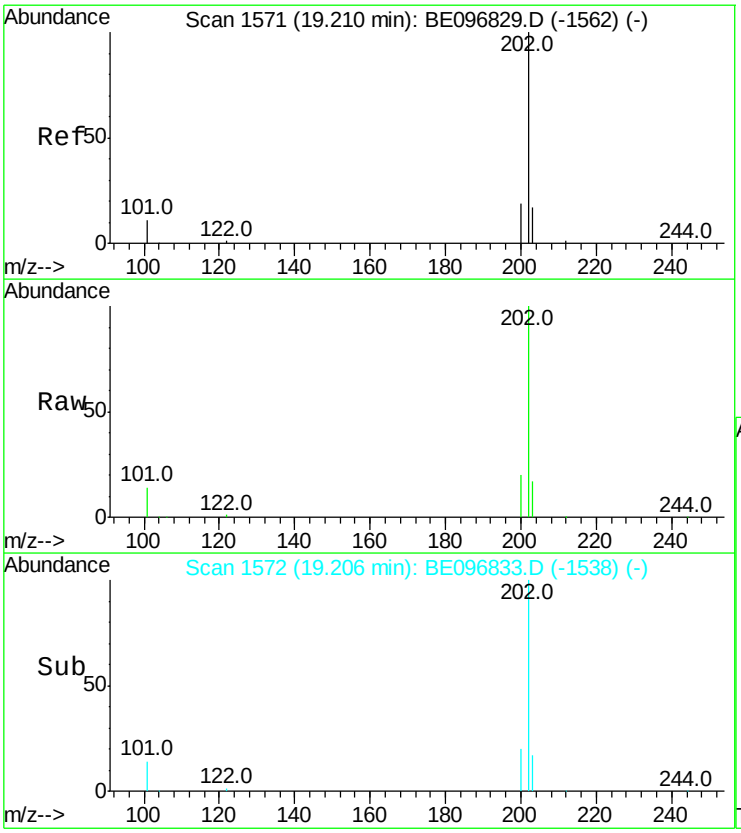
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 17914

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.5	8.3
236	27.1	20.7	31.1

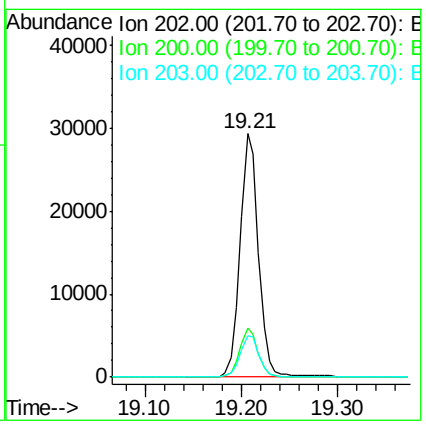


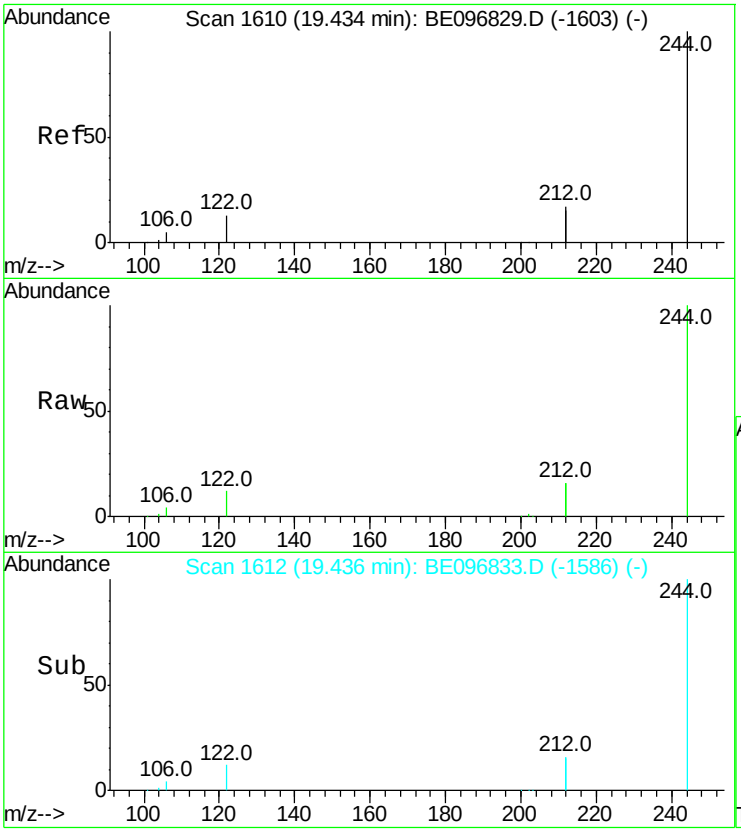


#28
Pyrene
Concen: 0.687 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:202 Resp: 38473

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	17.4	13.8	20.8



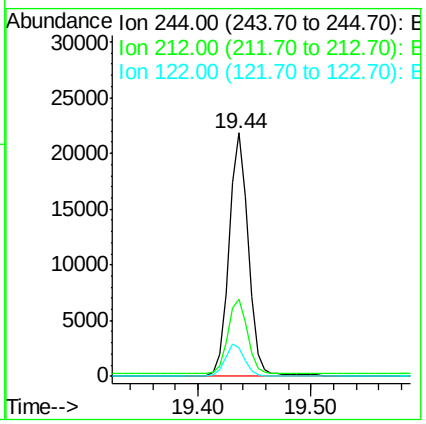


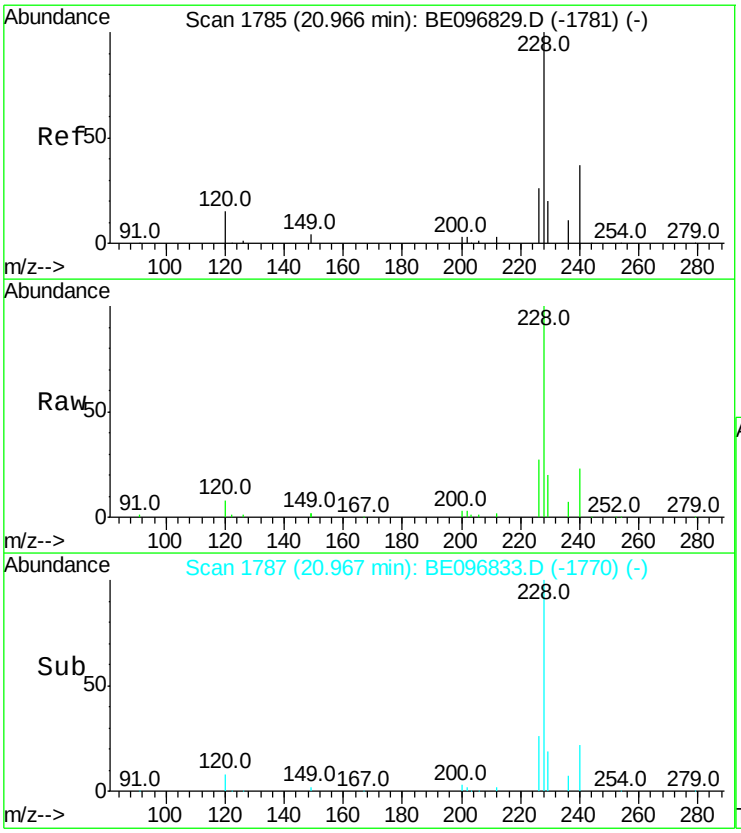
#29
Terphenyl-d14
Concen: 0.696 ng
RT: 19.44 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 26048

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	11.8	8.1	12.1

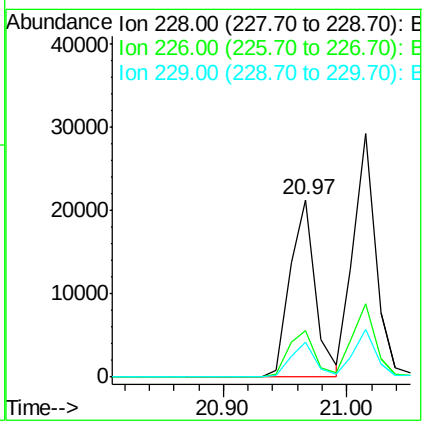


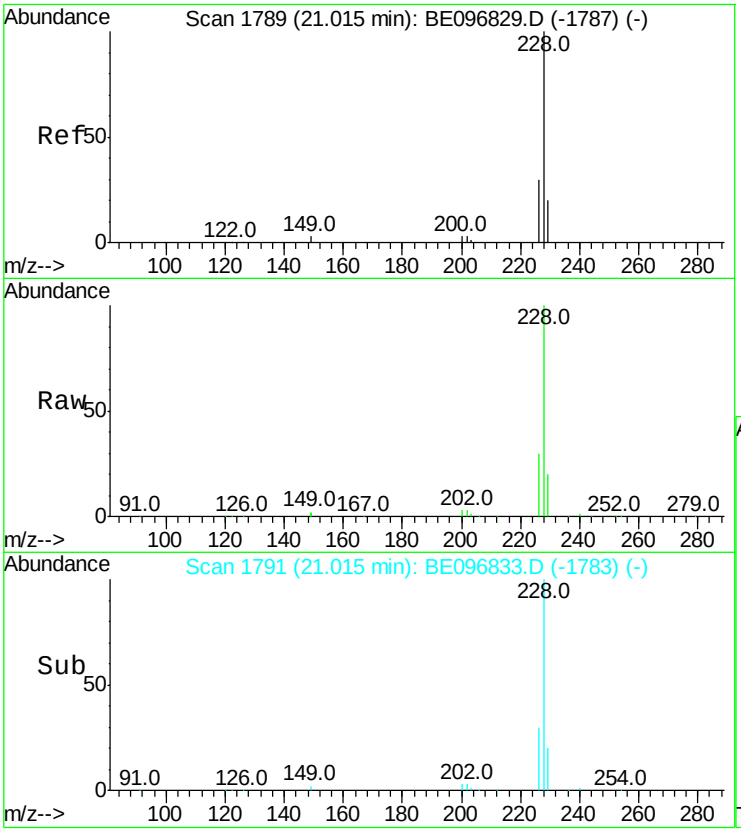


#30
Benzo(a)anthracene
Concen: 0.702 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:228 Resp: 30224

Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.0	36.0
229	19.7	16.0	24.0



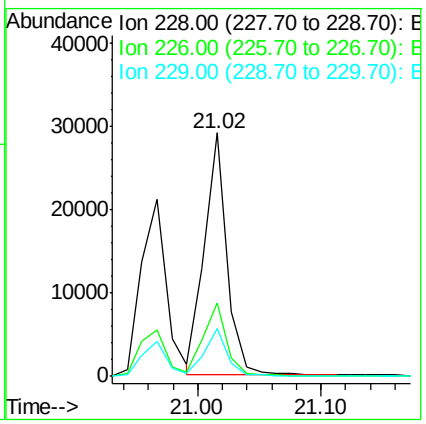


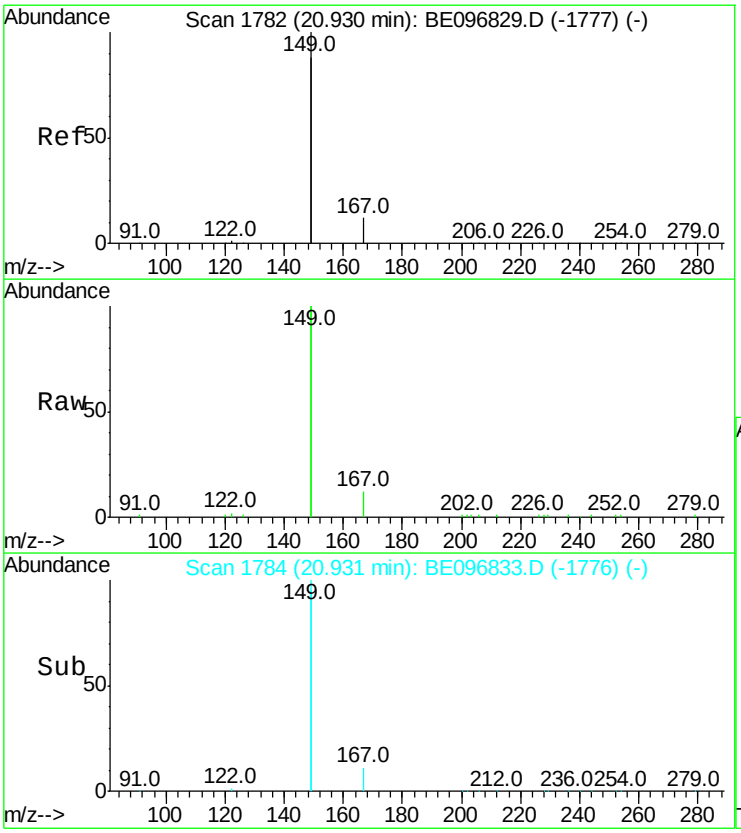
#31
Chrysene
Concen: 0.700 ng
RT: 21.02 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 37090

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	16.0	24.0

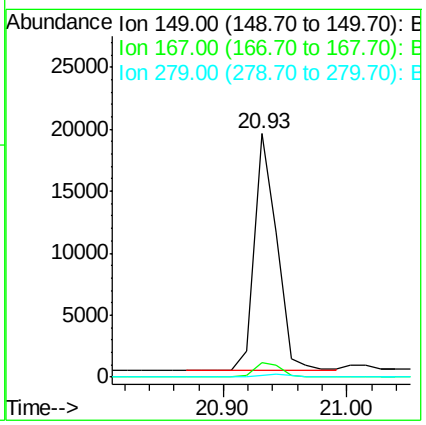


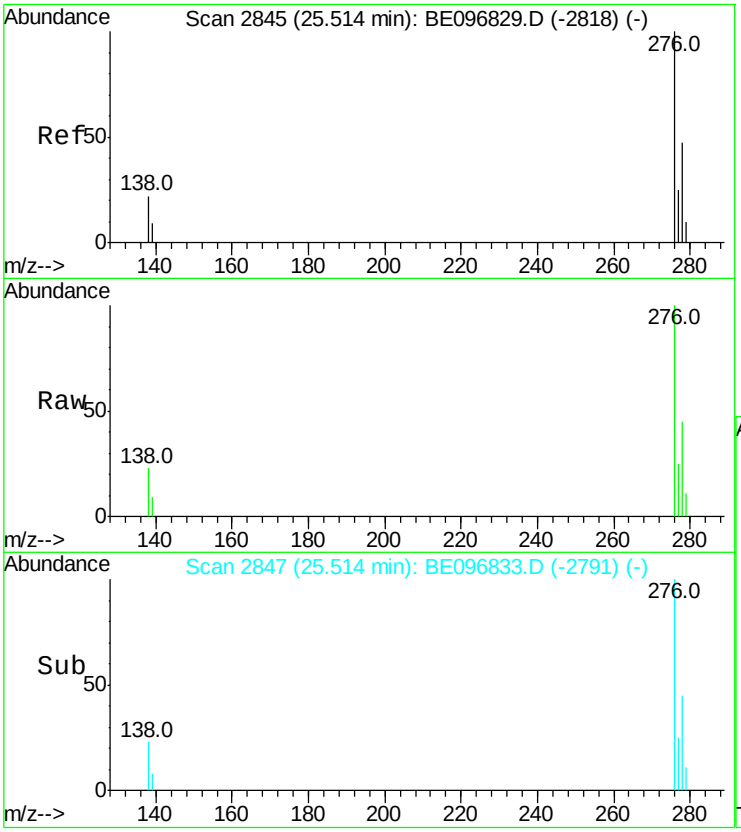


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.603 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:149 Resp: 24430

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



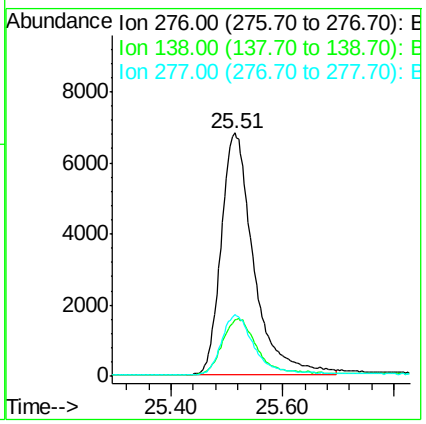


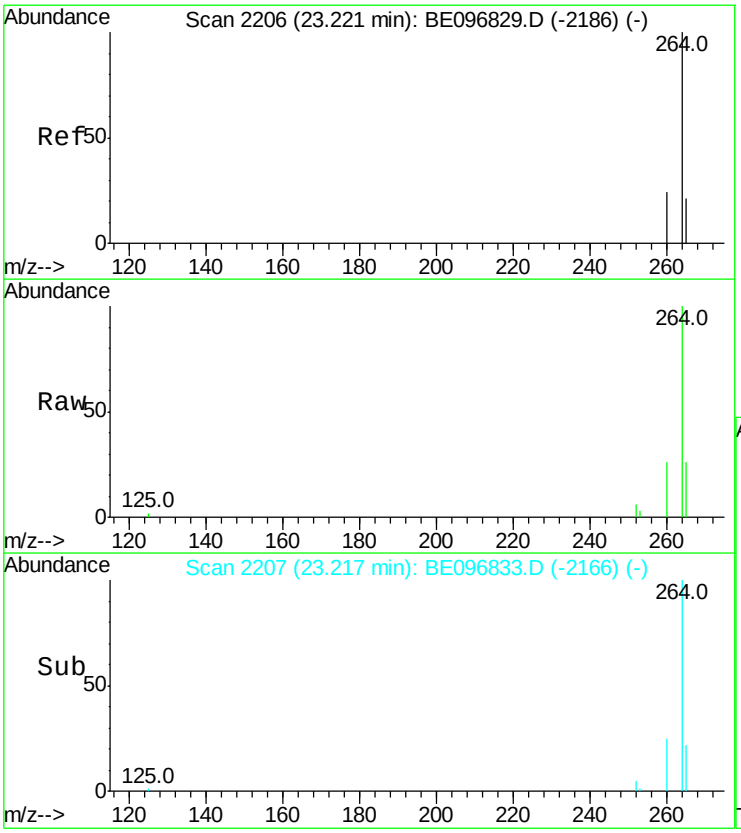
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.696 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 27469

Ion	Ratio	Lower	Upper
276	100		
138	24.3	22.5	33.7
277	24.8	19.9	29.9

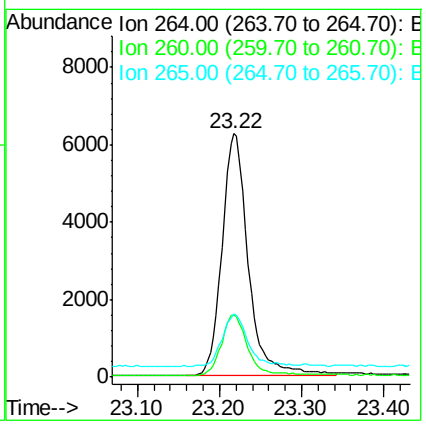


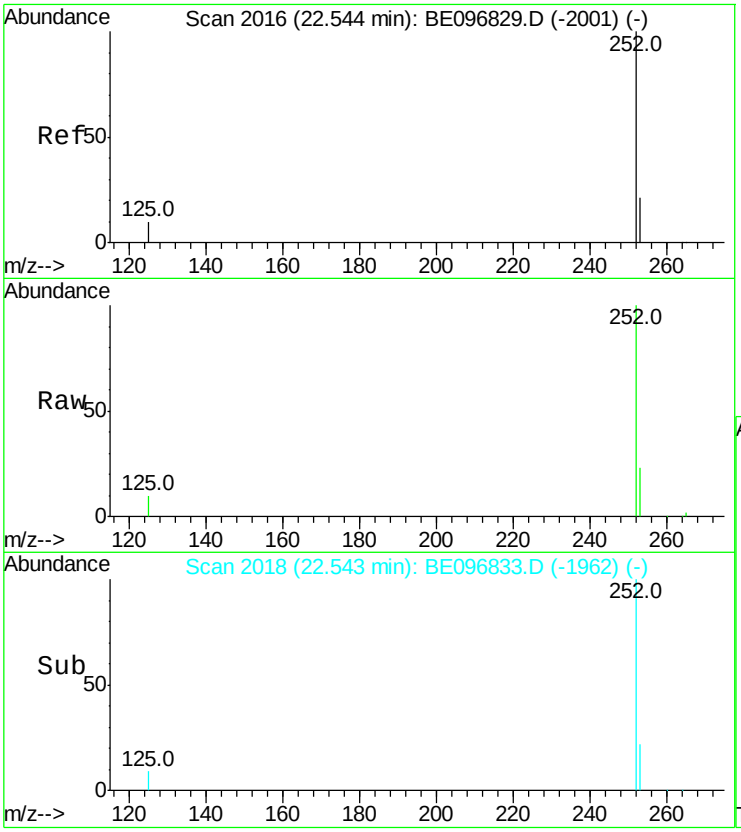


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:264 Resp: 13822

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	26.1	22.8	34.2



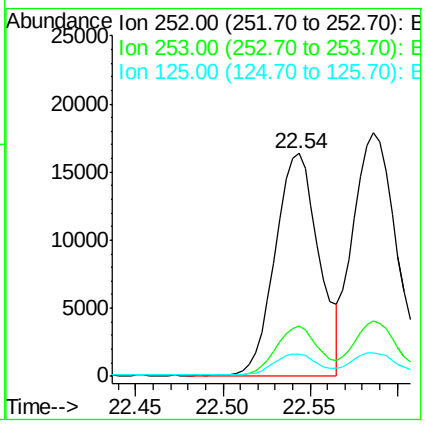


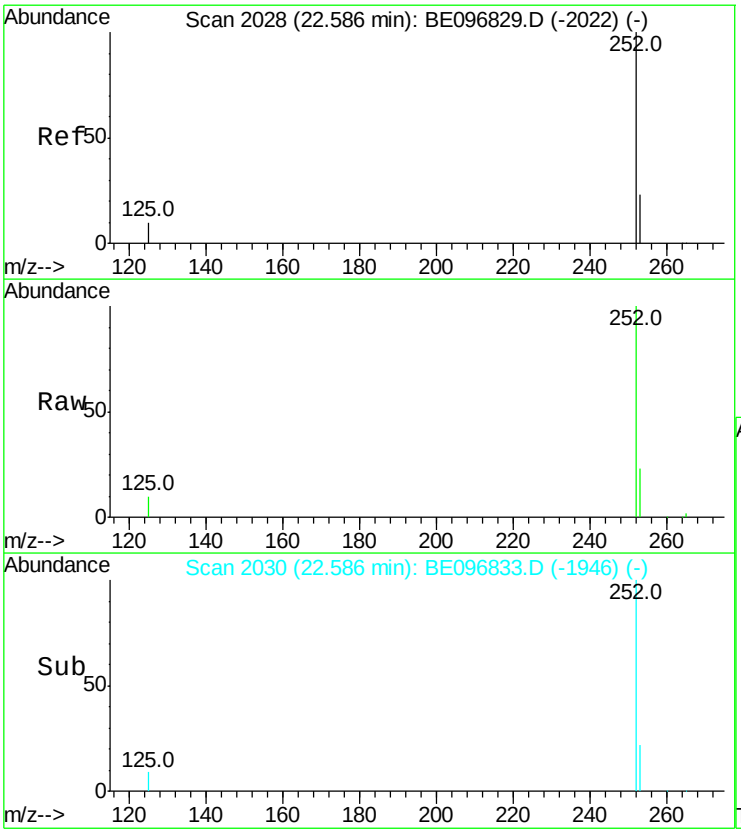
#35
Benzo(b)fluoranthene
Concen: 0.686 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 28422

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	10.0	16.0	24.0#

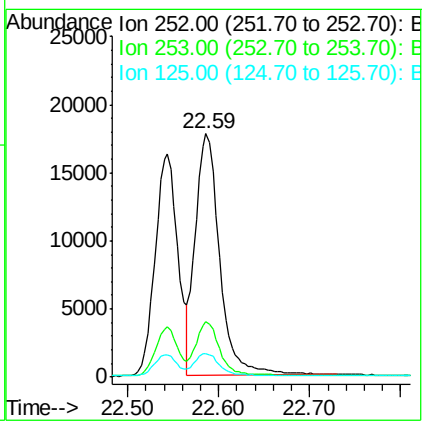


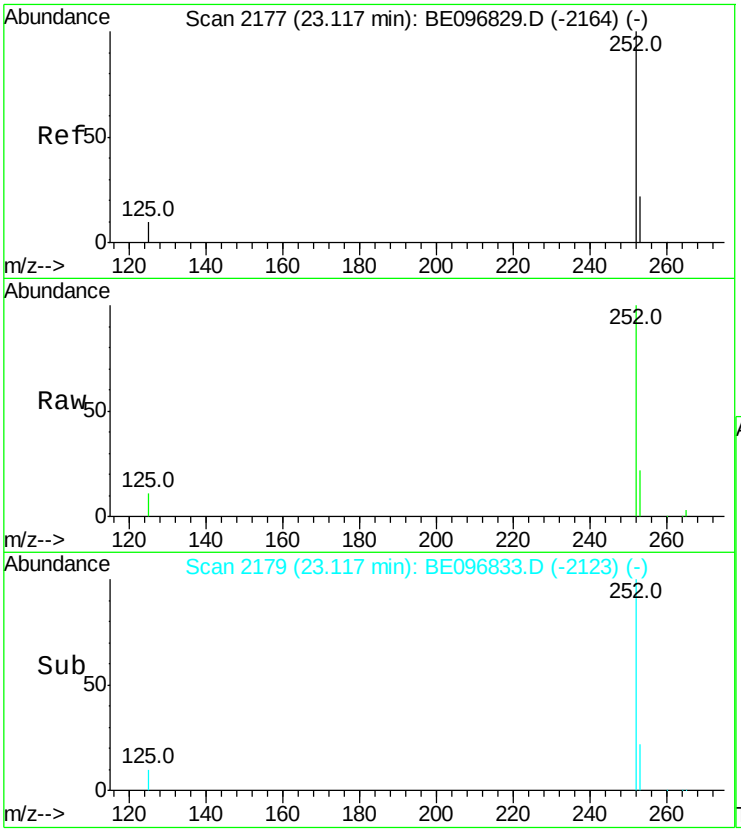


#36
Benzo(k)fluoranthene
Concen: 0.700 ng
RT: 22.59 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:252 Resp: 32782

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	9.7	8.0	12.0



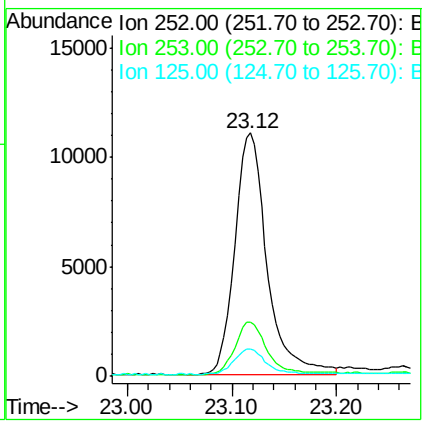


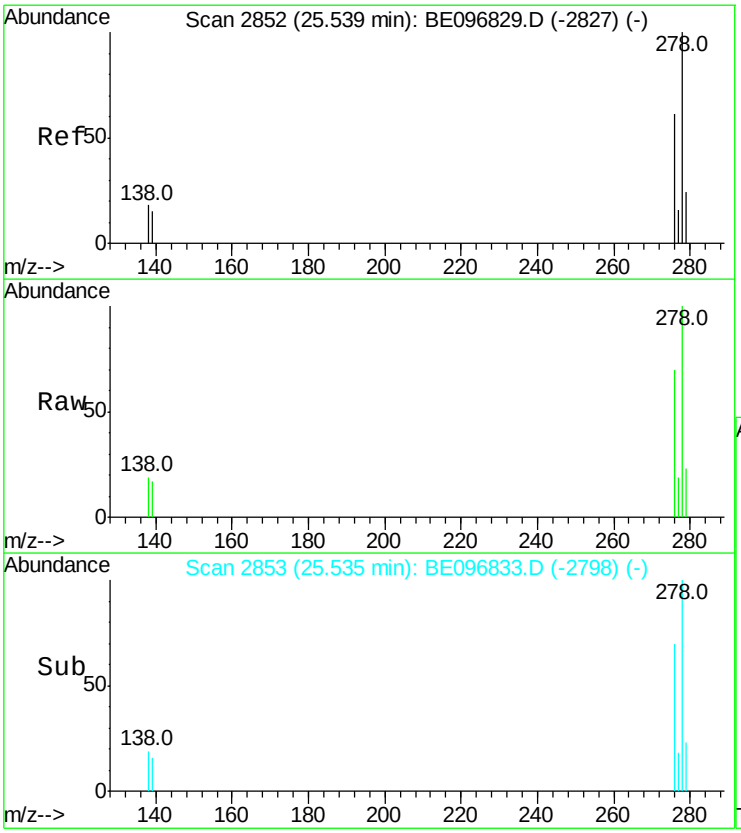
#37
Benzo(a)pyrene
Concen: 0.675 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 23456

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	11.2	12.0	18.0#

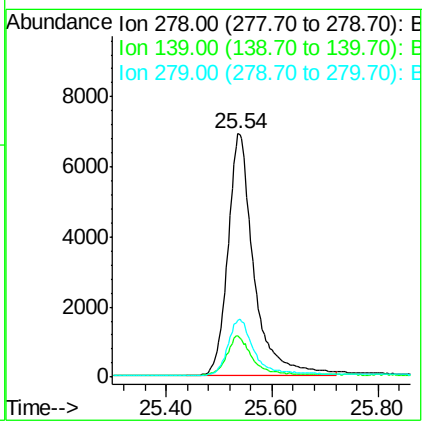


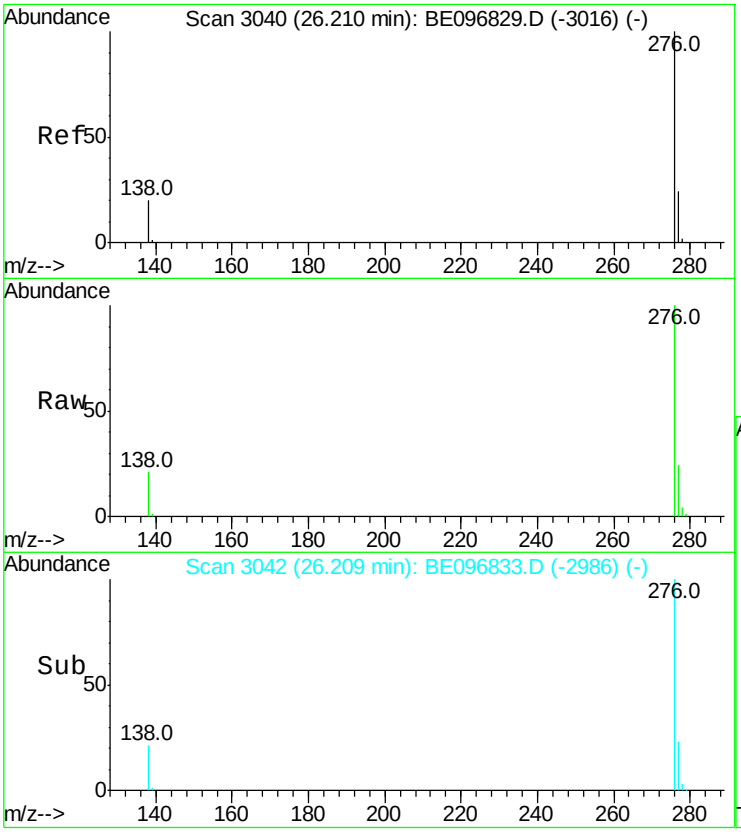


#38
Dibenzo(a,h)anthracene
Concen: 0.697 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:278 Resp: 23549

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.0	24.0
279	23.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.686 ng
RT: 26.21 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 25199

Ion	Ratio	Lower	Upper
276	100		
277	23.7	16.0	24.0
138	21.2	20.0	30.0