Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098186.D
Acq On : 12 Nov 2018 11:44
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Nov 12 12:17:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 11:35:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1184	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	5654	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	3804	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	8786	0.40	ng		0.00
27) Chrysene-d12	21.46	240	10056	0.40	ng		0.00
34) Perylene-d12	24.01	264	9288	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	2550	0.73	ng		0.00
5) Phenol-d6	7.04	99	3996	0.69	ng		0.00
8) Nitrobenzene-d5	9.02	82	4598	0.76	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	7827	0.79	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1271	0.71	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	12134	0.78	ng		0.00
25) Fluoranthene-d10	19.31	212	87319	0.77	ng		0.00
29) Terphenyl-d14	19.91	244	18040	0.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1362	0.772	ng		96
3) n-Nitrosodimethylamine	3.68	42	1920	0.814	ng		100
6) bis(2-Chloroethyl)ether	7.29	93	3315	0.783	ng		98
9) Naphthalene	10.72	128	45294	0.801	ng		99
10) Hexachlorobutadiene	11.00	225	2744	0.740	ng		98
12) 2-Methylnaphthalene	12.34	142	7976	0.791	ng		97
16) Acenaphthylene	14.26	152	13947	0.804	ng		100
17) Acenaphthene	14.60	154	8318	0.798	ng		99
18) Fluorene	15.57	166	10877	0.787	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	4326	0.807	ng		93
21) Hexachlorobenzene	16.58	284	4416	0.788	ng		99
22) Pentachlorophenol	16.94	266	793	0.638	ng		97
23) Phenanthrene	17.32	178	17374	0.798	ng		100
24) Anthracene	17.41	178	16599	0.802	ng		99
26) Fluoranthene	19.34	202	21511	0.789	ng		99
28) Pyrene	19.70	202	22176	0.808	ng		99
30) Benzo(a)anthracene	21.45	228	22862	0.778	ng		100
31) Chrysene	21.50	228	22915	0.788	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	46134	0.443	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	21629	0.715	ng	#	94
35) Benzo(b)fluoranthene	23.28	252	22114	0.845	ng		97
36) Benzo(k)fluoranthene	23.28	252	22114	0.817	ng		99
37) Benzo(a)pyrene	23.89	252	20139	0.788	ng		99
38) Dibenzo(a,h)anthracene	26.72	278	17548	0.736	ng	#	91
39) Benzo(g,h,i)perylene	27.53	276	18305	0.771	ng		99

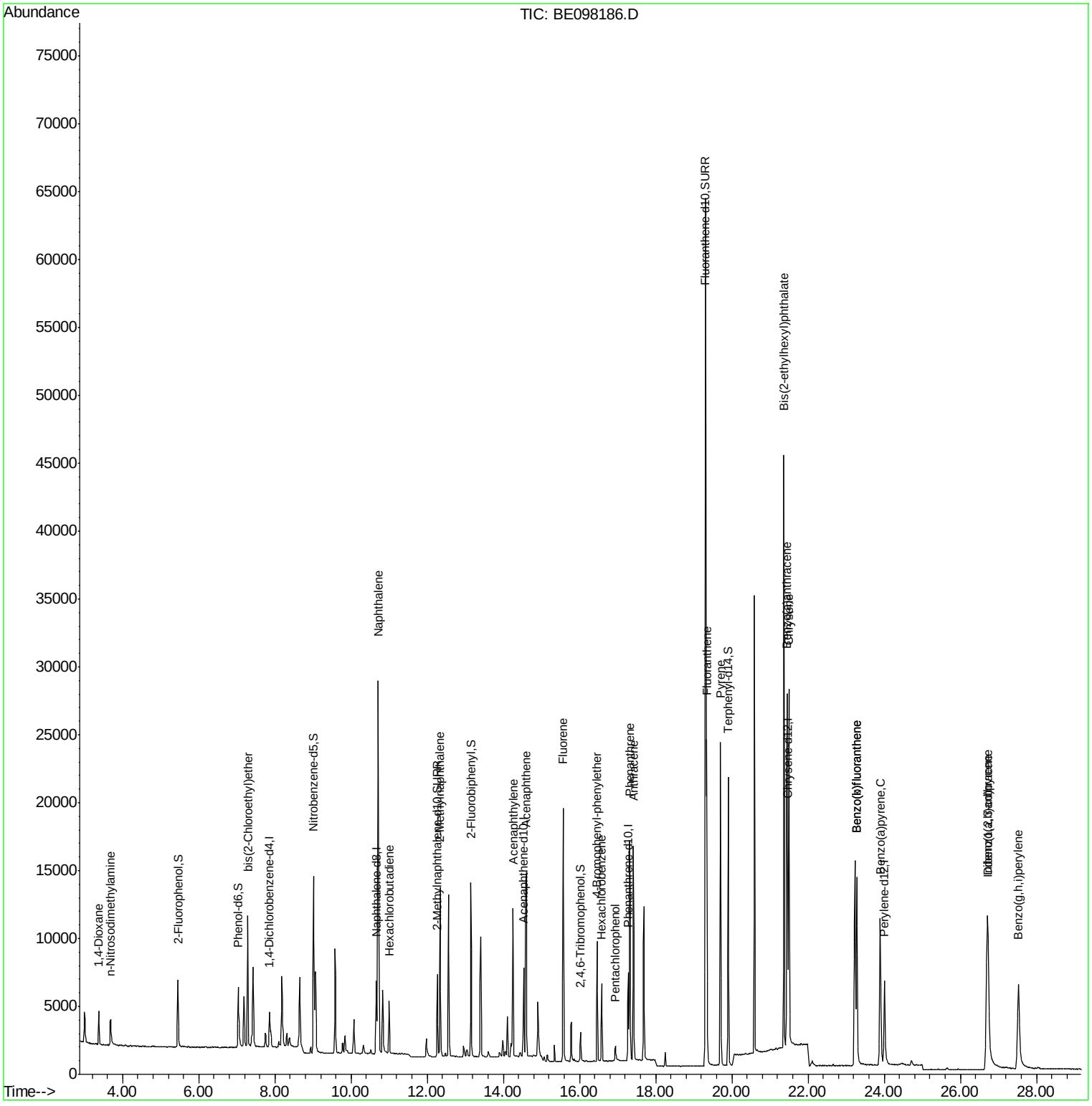
(#) = qualifier out of range (m) = manual integration (+) = signals summed

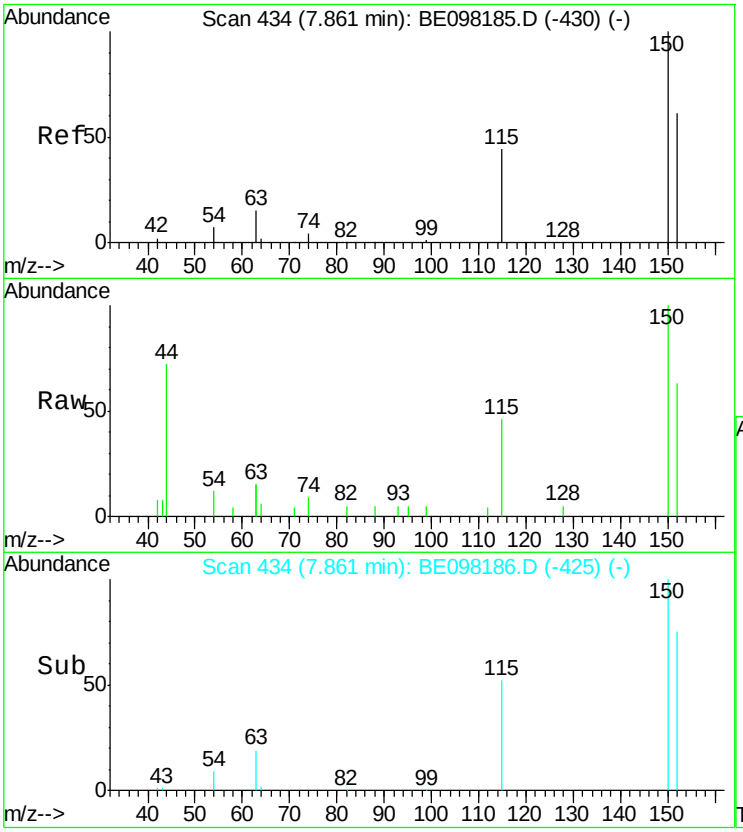
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098186.D
Acq On : 12 Nov 2018 11:44
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 12 12:17:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 11:35:26 2018
Response via : Initial Calibration



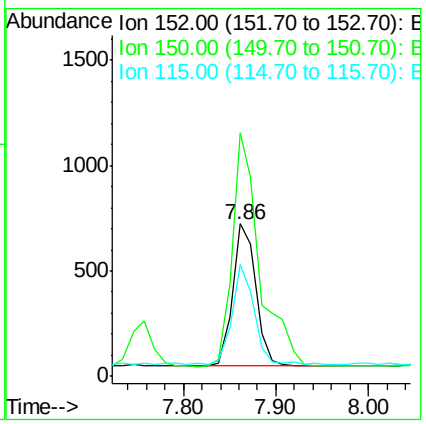


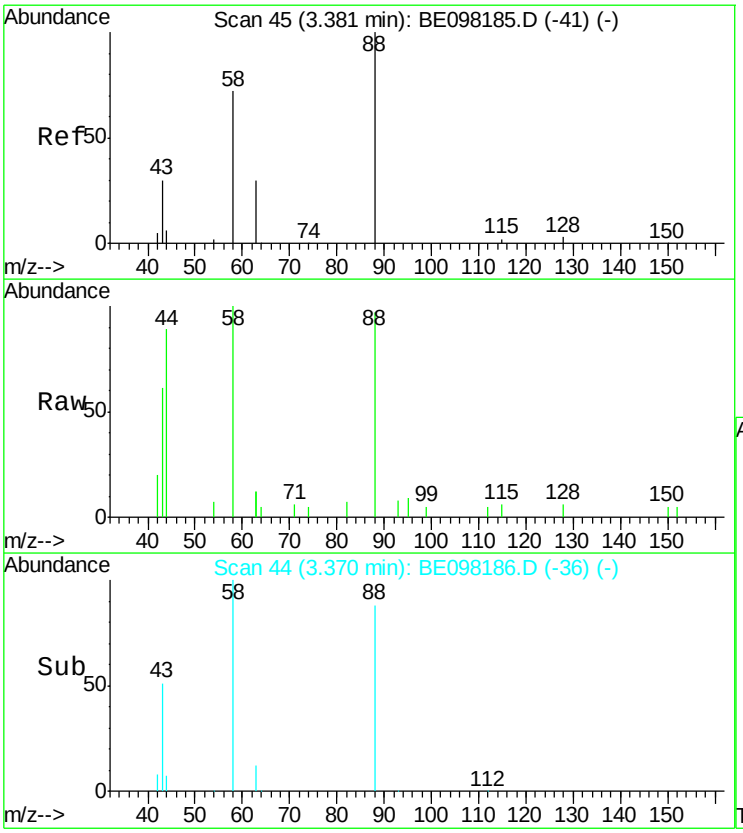
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1184

Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.5	191.3
115	73.3	60.3	90.5

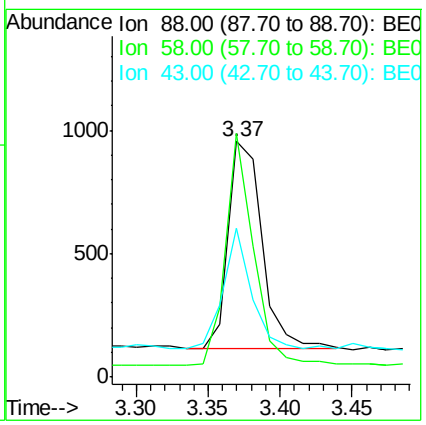


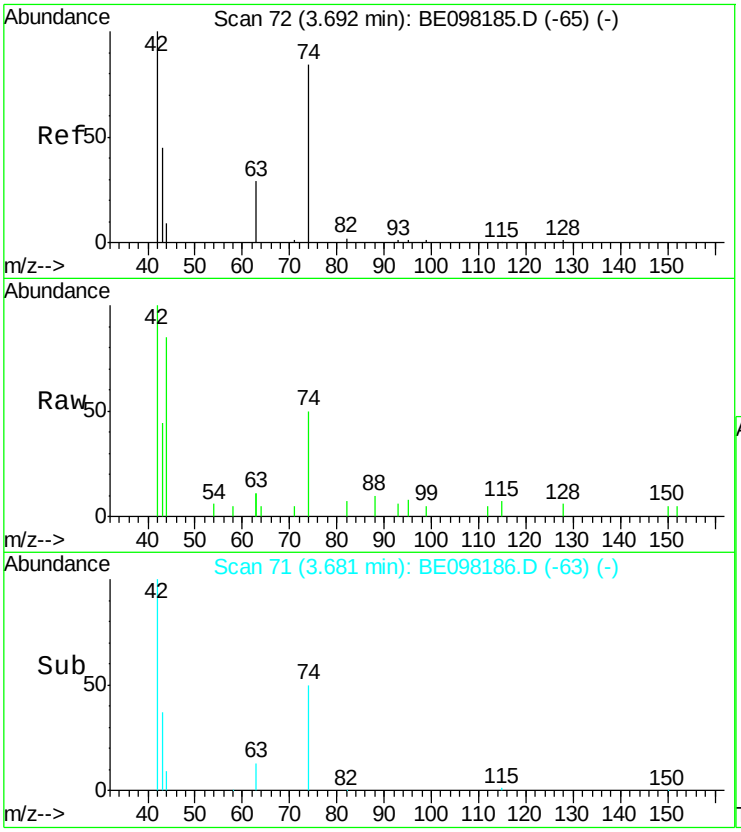


#2
1,4-Dioxane
Concen: 0.772 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion: 88 Resp: 1362

Ion	Ratio	Lower	Upper
88	100		
58	92.4	79.0	118.4
43	47.4	38.1	57.1



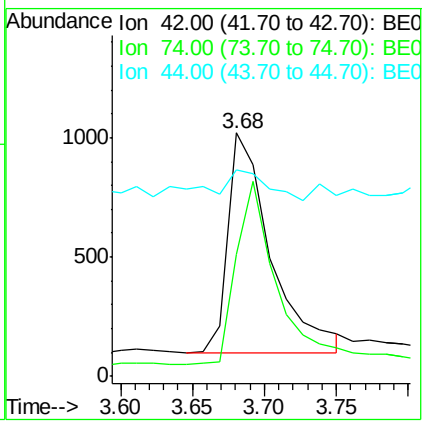


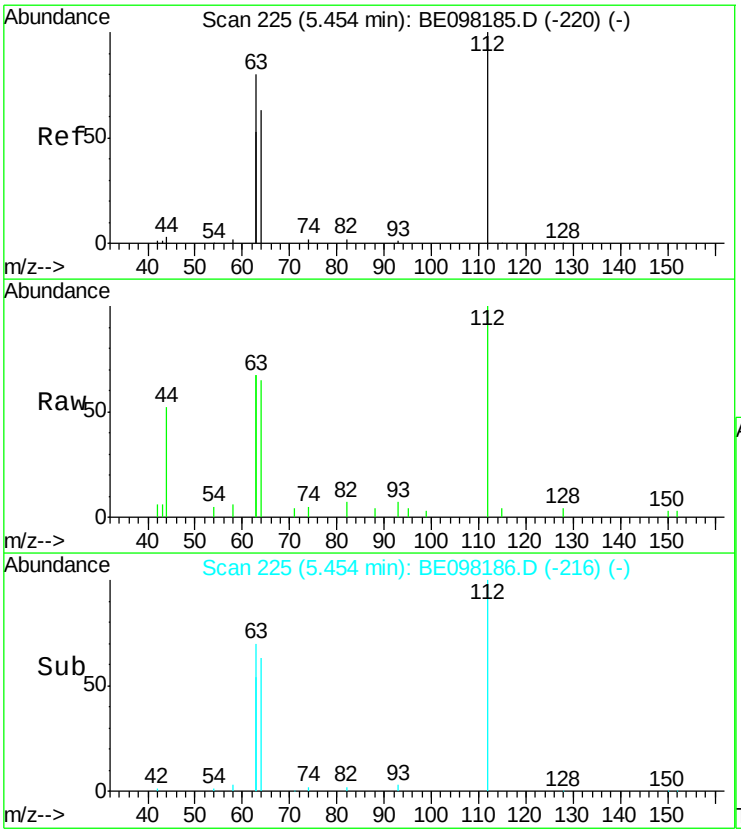
#3
n-Nitrosodimethylamine
Concen: 0.814 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1920

Ion	Ratio	Lower	Upper
42	100		
74	77.1	61.7	92.5
44	18.6	14.0	21.0

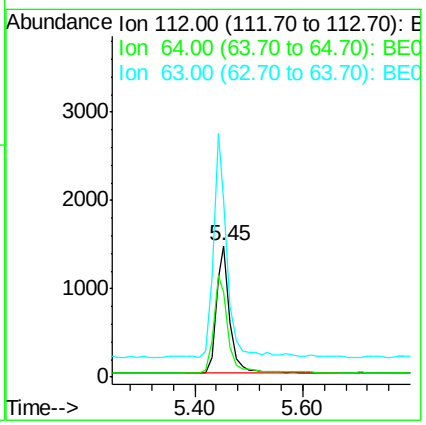


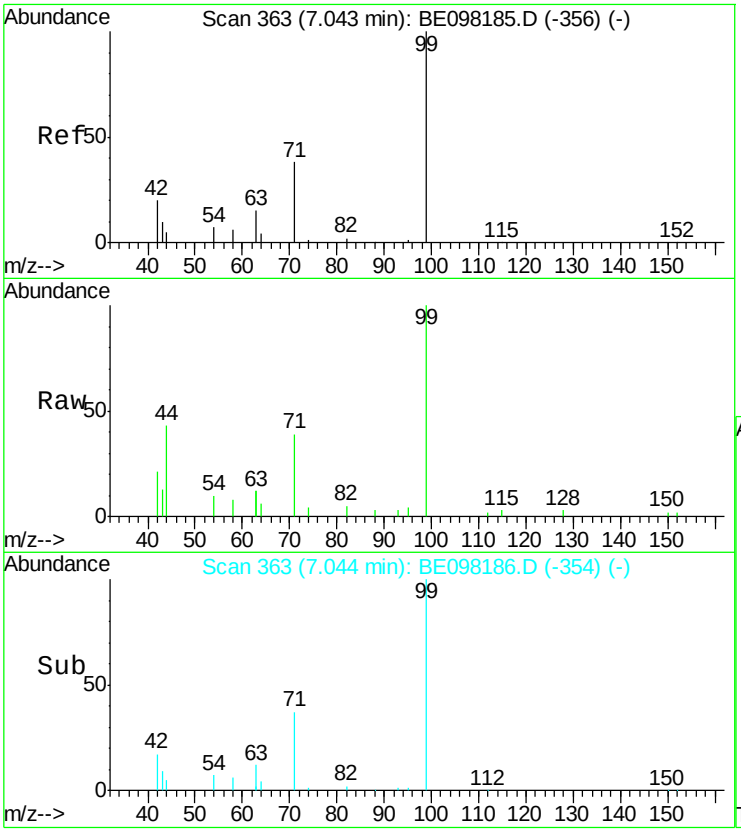


#4
2-Fluorophenol
Concen: 0.726 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:112 Resp: 2550

Ion	Ratio	Lower	Upper
112	100		
64	77.9	61.7	92.5
63	173.0	136.2	204.2



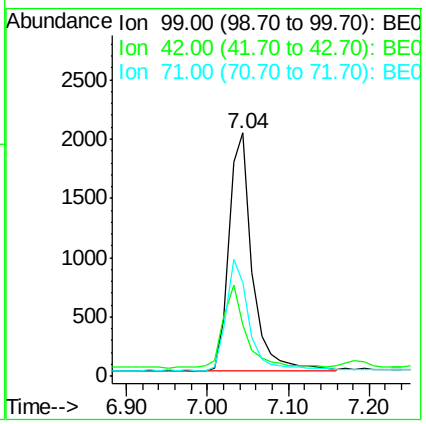


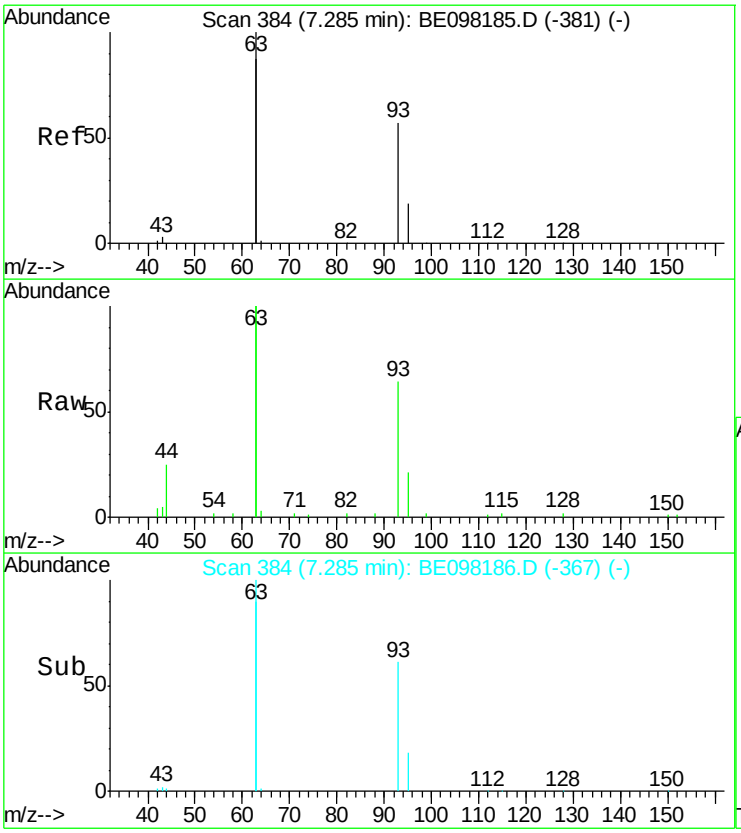
#5
Phenol-d6
Concen: 0.690 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 3996

Ion	Ratio	Lower	Upper
99	100		
42	33.7	27.1	40.7
71	46.5	37.0	55.6

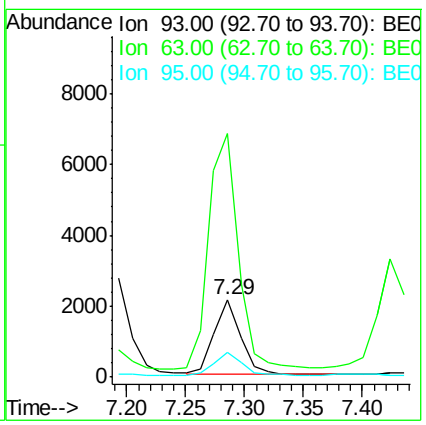


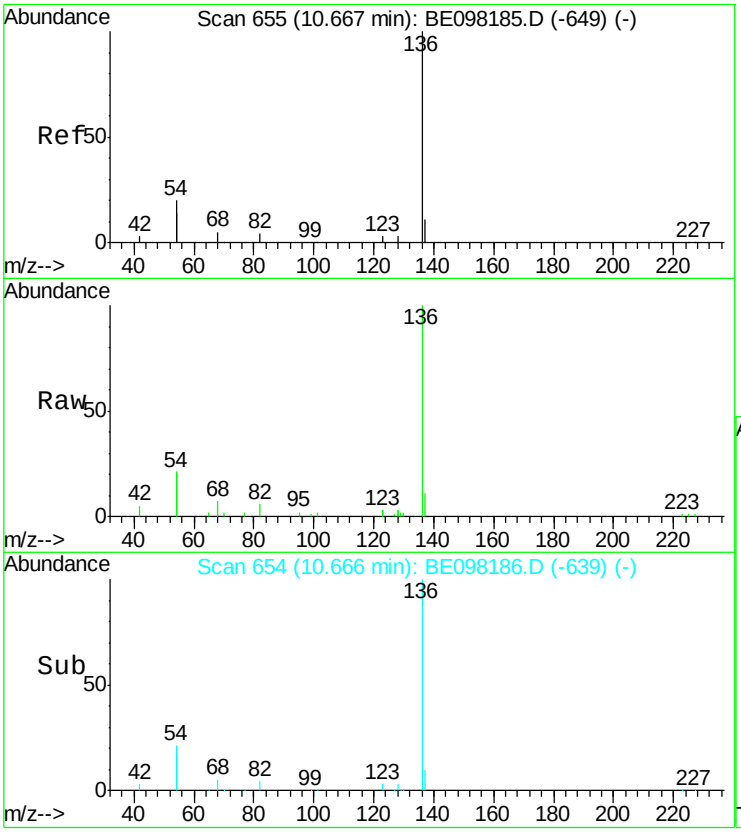


#6
bis(2-Chloroethyl)ether
Concen: 0.783 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion: 93 Resp: 3315

Ion	Ratio	Lower	Upper
93	100		
63	344.0	272.6	409.0
95	31.1	27.1	40.7



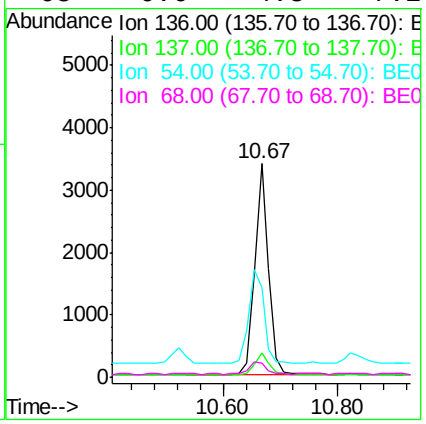


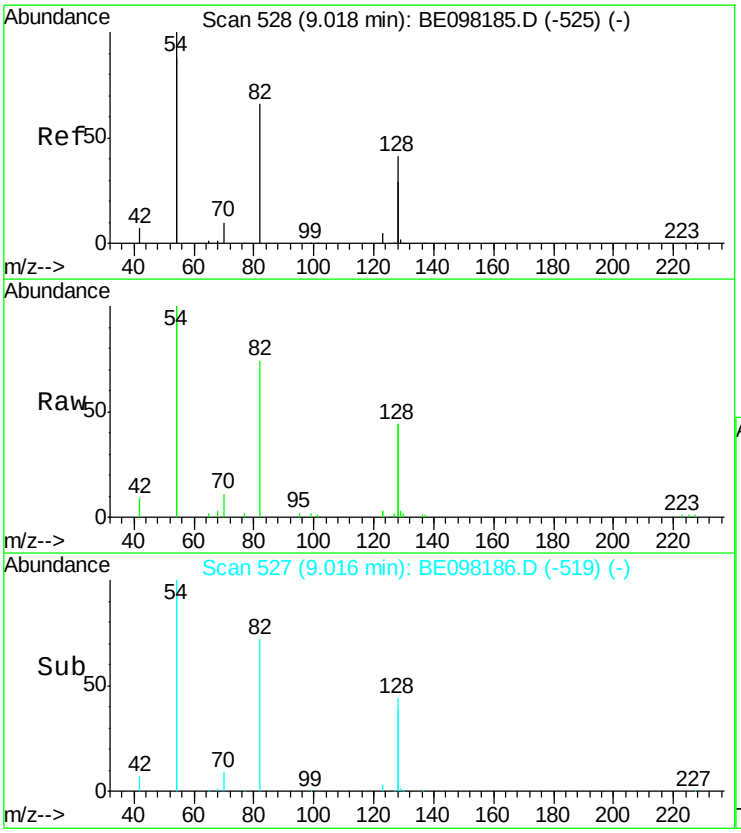
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 5654

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	41.8	31.3	46.9
68	6.6	4.8	7.2

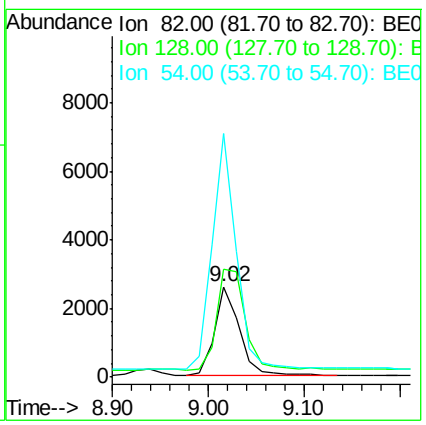


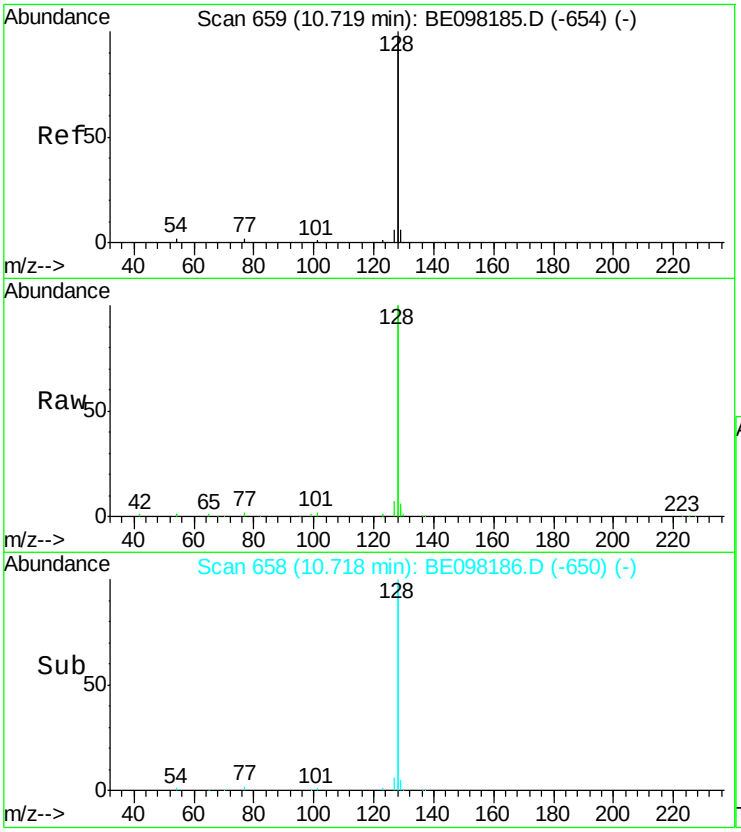


#8
Nitrobenzene-d5
Concen: 0.758 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion: 82 Resp: 4598

Ion	Ratio	Lower	Upper
82	100		
128	119.3	96.1	144.1
54	269.6	232.0	348.0



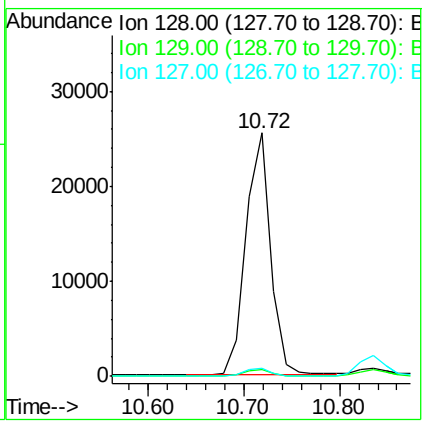


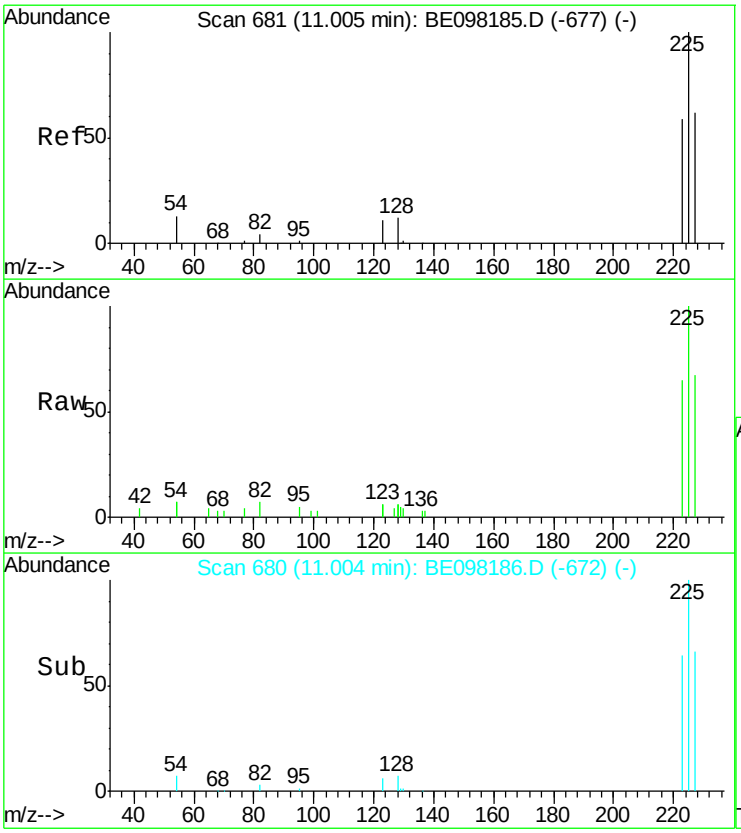
#9
Naphthalene
Concen: 0.801 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 45294

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	4.0
127	3.4	2.8	4.2

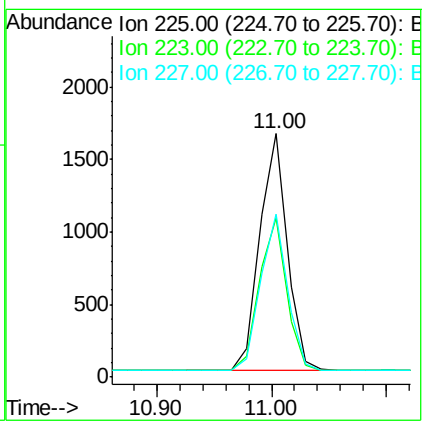


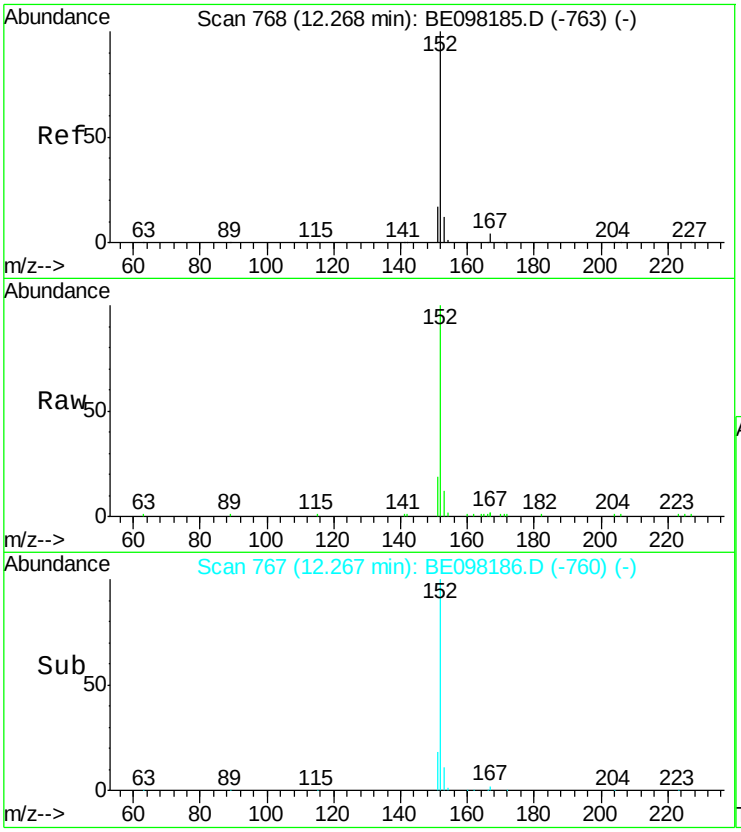


#10
Hexachlorobutadiene
Concen: 0.740 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:225 Resp: 2744

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.5	75.7
227	65.0	50.3	75.5



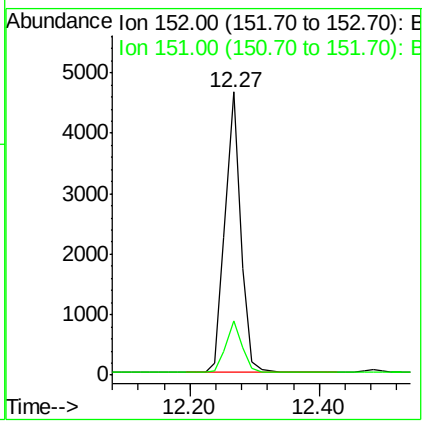


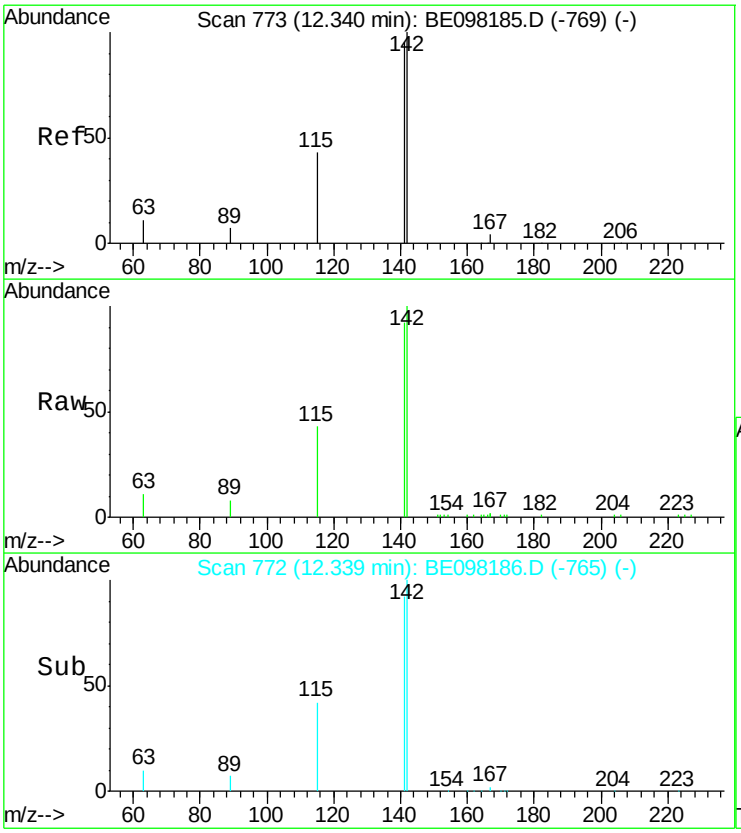
#11
2-Methylnaphthalene-d10
Concen: 0.785 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7827

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

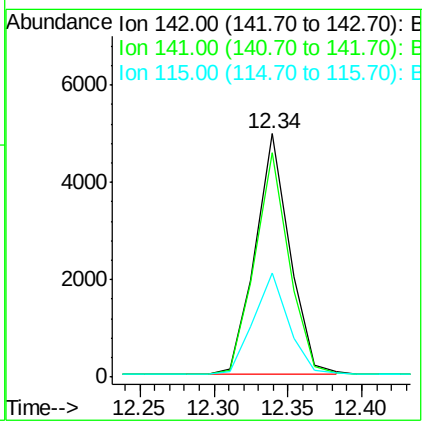


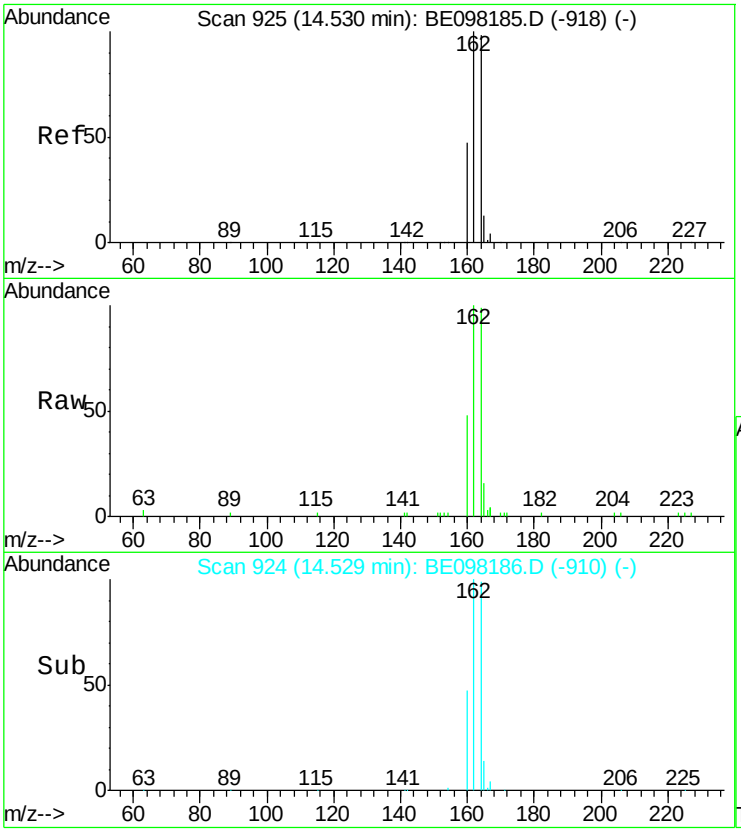


#12
2-Methylnaphthalene
Concen: 0.791 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:142 Resp: 7976

Ion	Ratio	Lower	Upper
142	100		
141	92.0	76.3	114.5
115	42.9	35.8	53.8



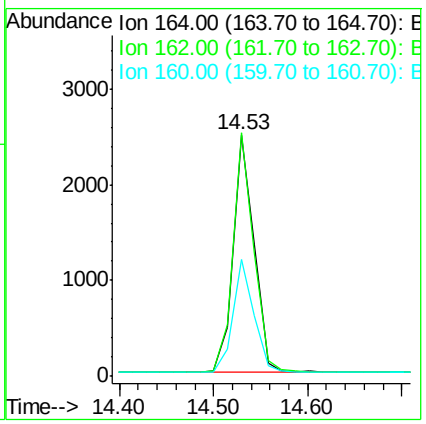


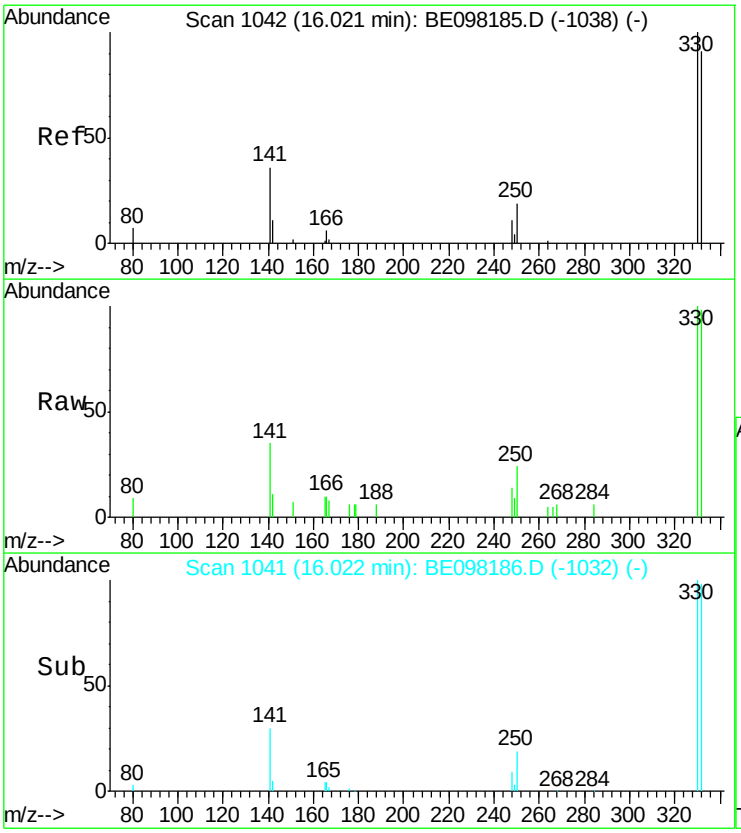
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 3804

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	48.3	39.4	59.0

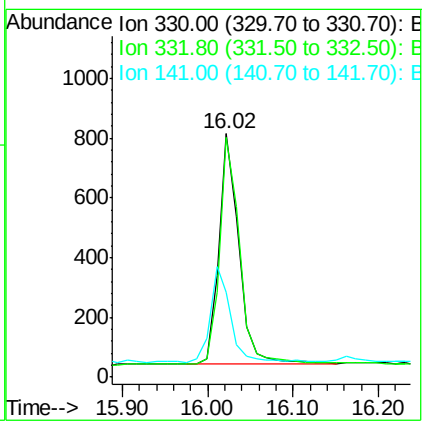


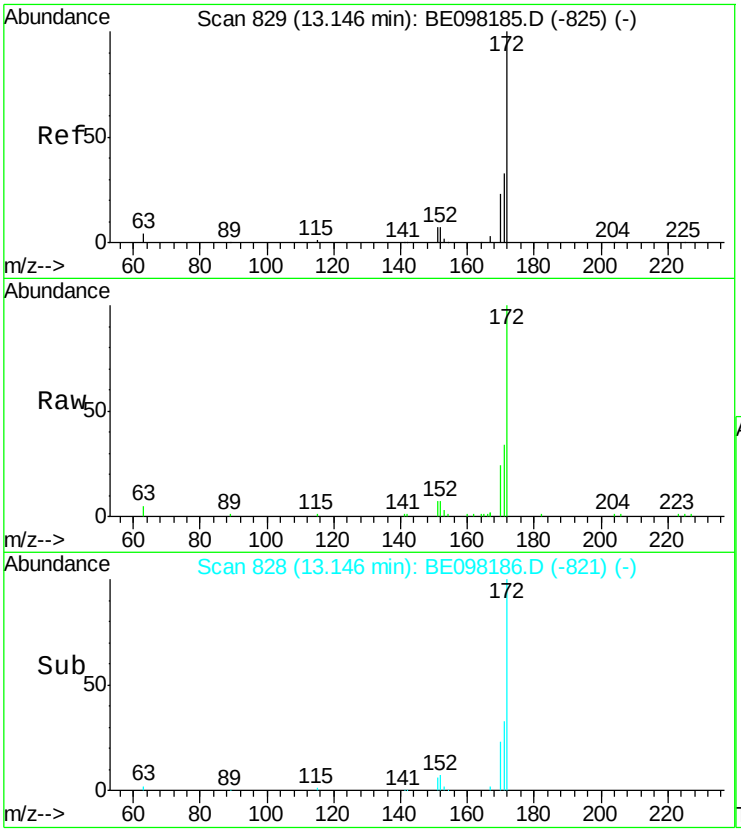


#14
2,4,6-Tribromophenol
Concen: 0.706 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:330 Resp: 1271

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.7	116.5
141	41.1	33.6	50.4



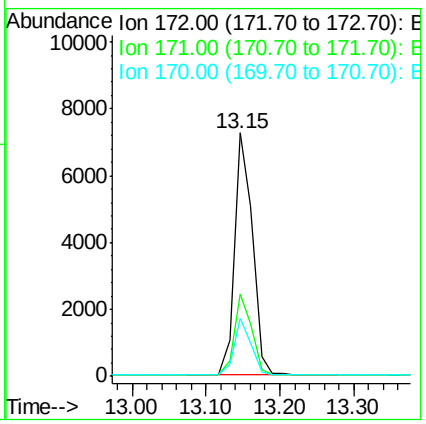


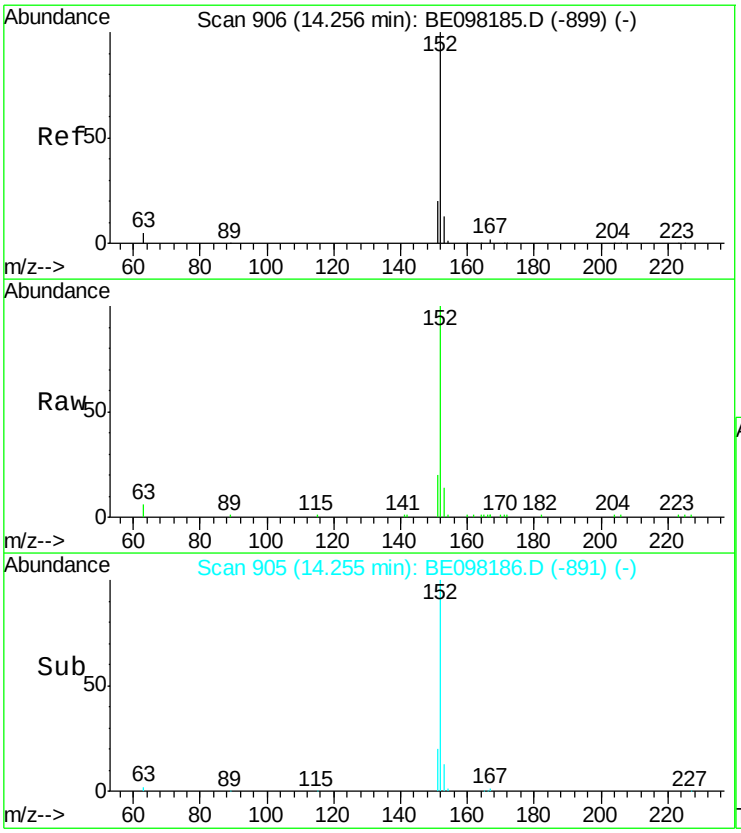
#15
2-Fluorobiphenyl
Concen: 0.776 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 12134

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.3	40.9
170	23.9	19.4	29.0

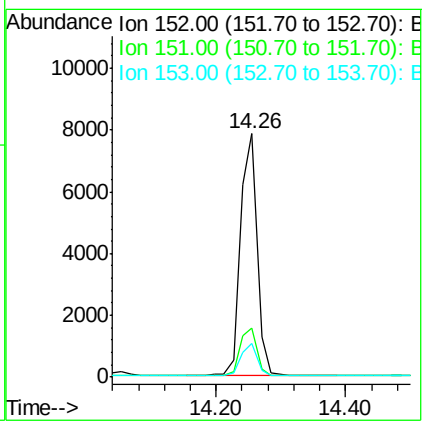


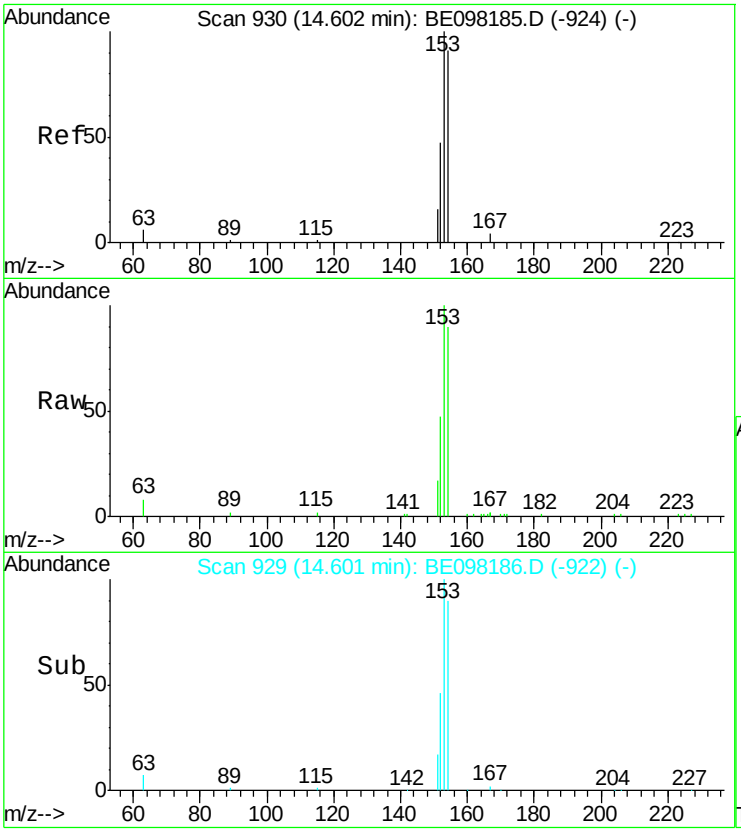


#16
Acenaphthylene
Concen: 0.804 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:152 Resp: 13947

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.2	10.6	15.8



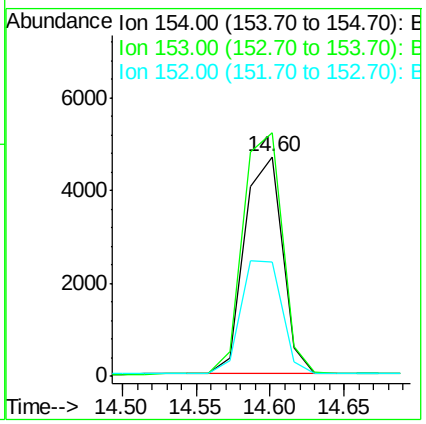


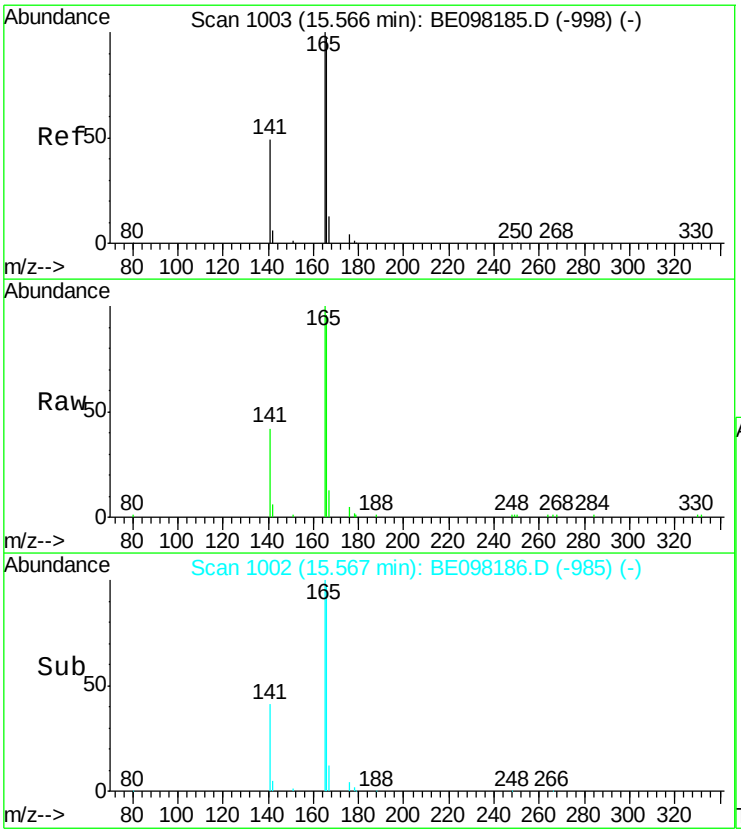
#17
Acenaphthene
Concen: 0.798 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 8318

Ion	Ratio	Lower	Upper
154	100		
153	115.2	92.1	138.1
152	56.3	46.2	69.2

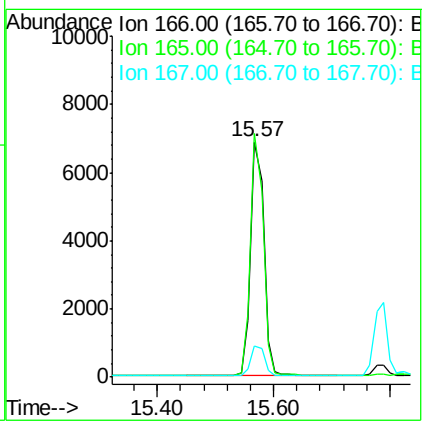


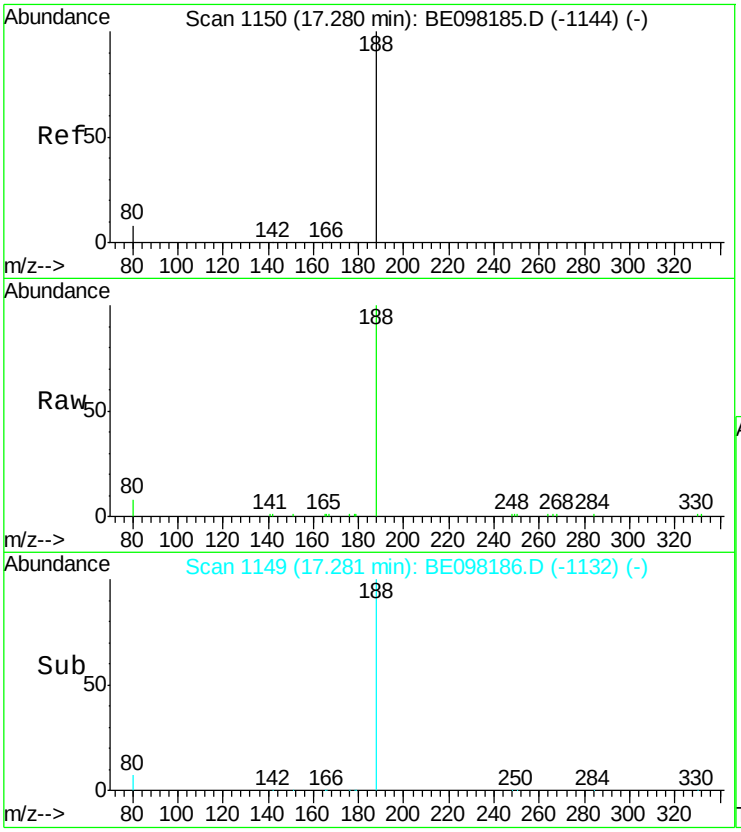


#18
Fluorene
Concen: 0.787 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:166 Resp: 10877

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.3	10.8	16.2



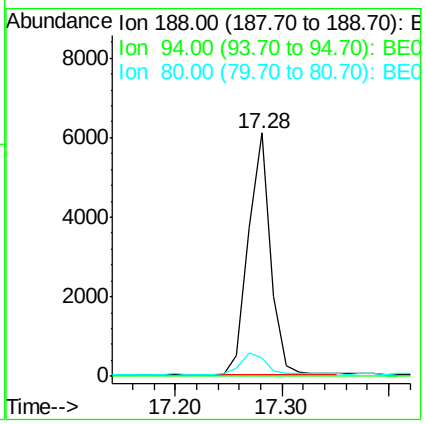


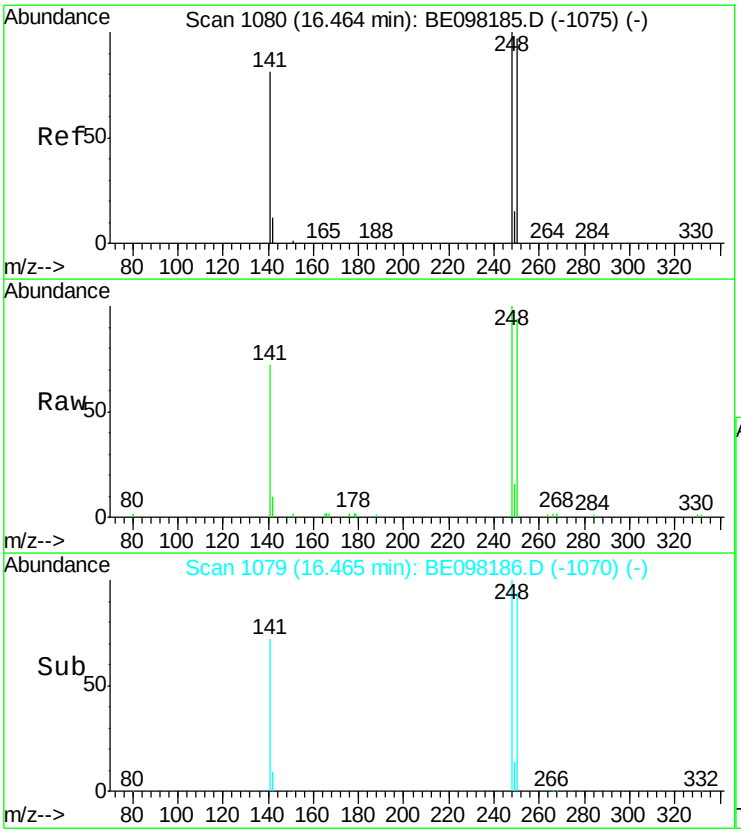
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 8786

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.7	10.1

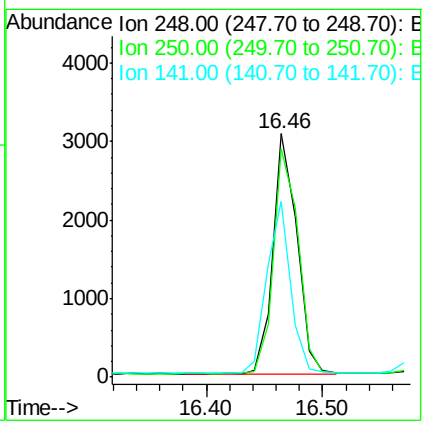


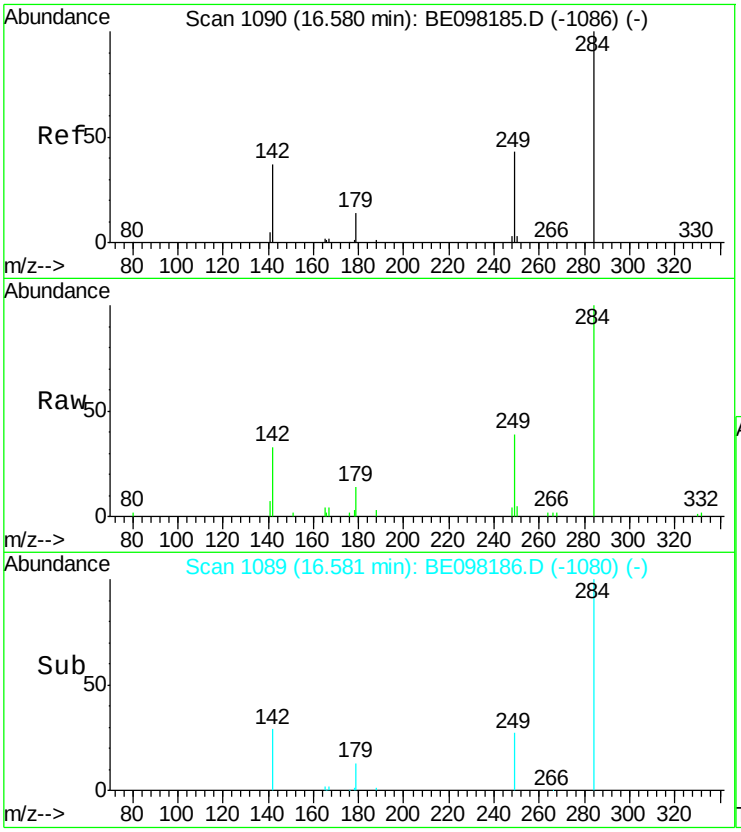


#20
4-Bromophenyl-phenylether
Concen: 0.807 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:248 Resp: 4326

Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.6	116.4
141	72.2	65.8	98.8



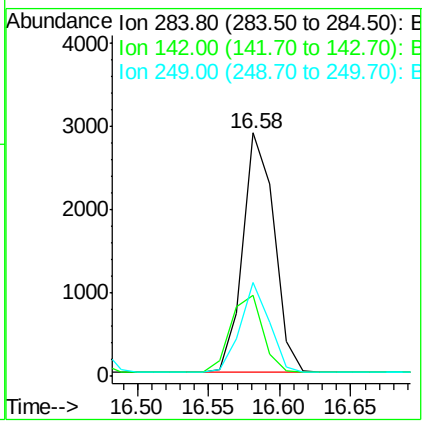


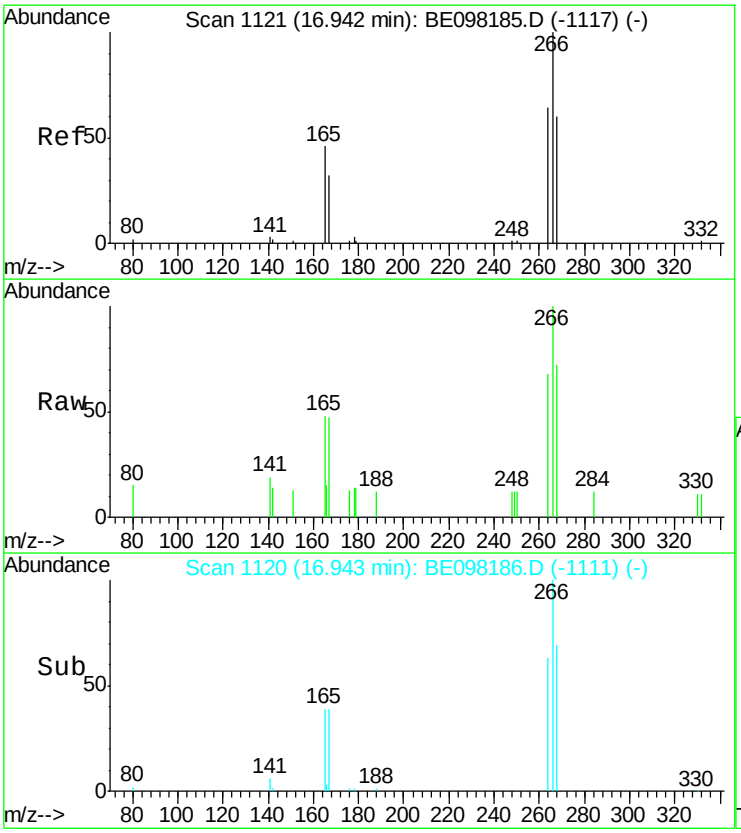
#21
Hexachlorobenzene
Concen: 0.788 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 4416

Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.5	39.7
249	34.6	28.4	42.6

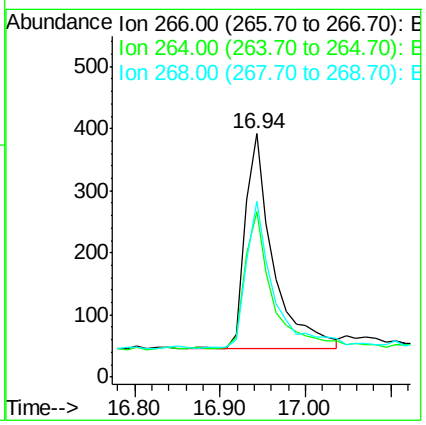


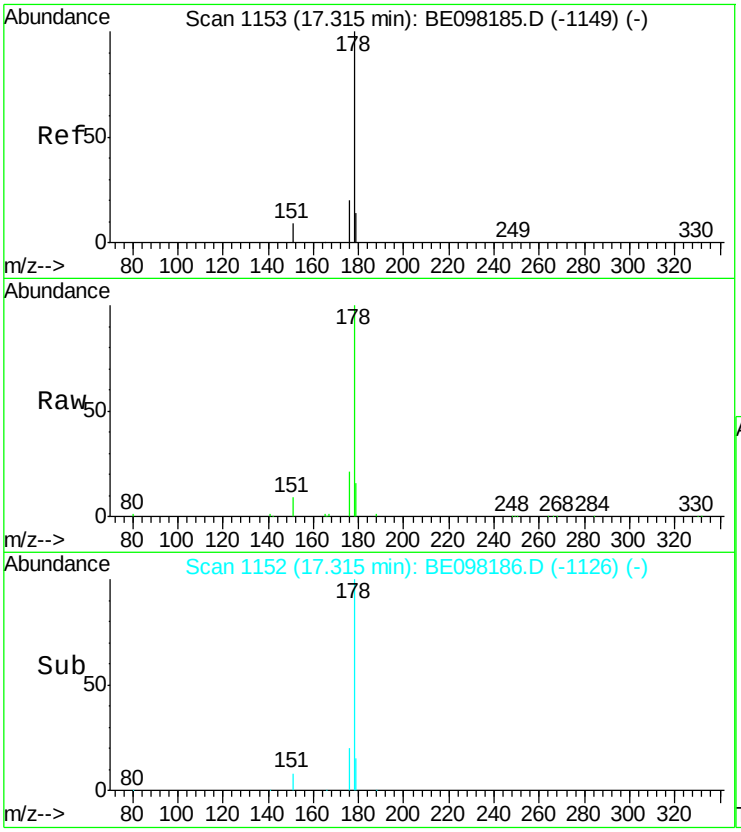


#22
Pentachlorophenol
Concen: 0.638 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:266 Resp: 793

Ion	Ratio	Lower	Upper
266	100		
264	67.9	57.6	86.4
268	72.2	56.8	85.2



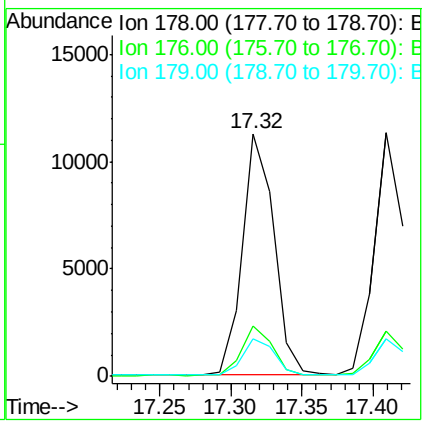


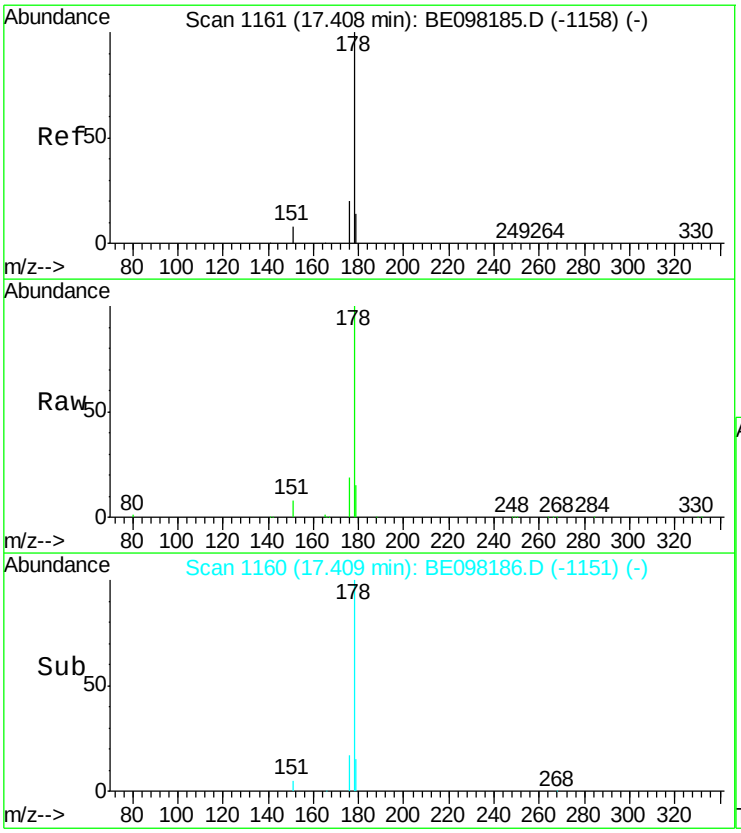
#23
Phenanthrene
Concen: 0.798 ng
RT: 17.32 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 17374

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.3	18.5

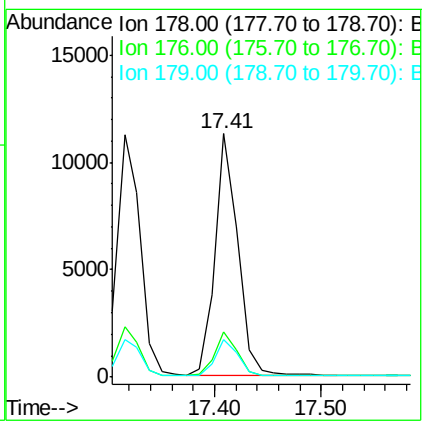


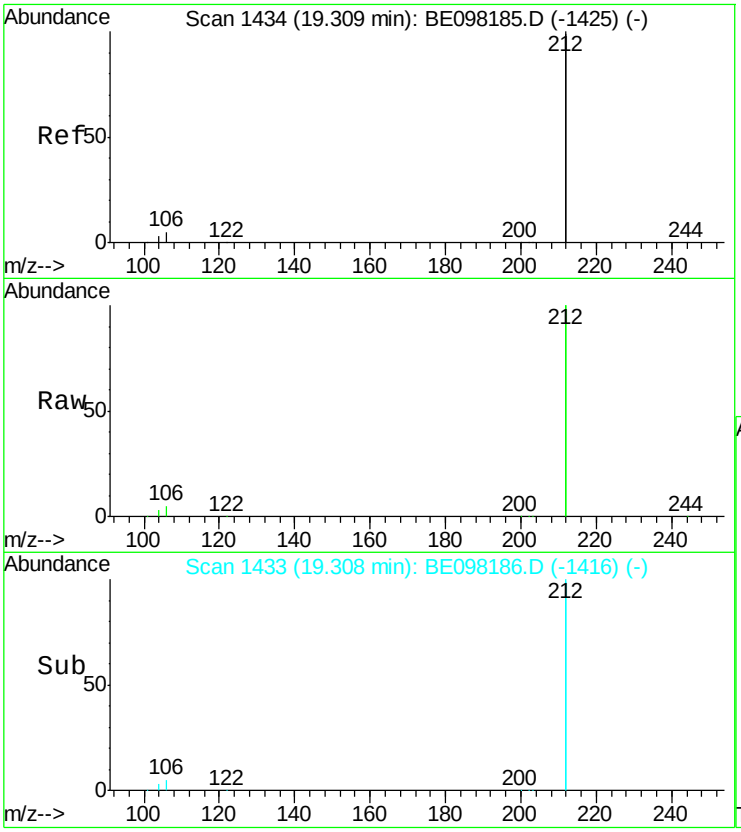


#24
Anthracene
Concen: 0.802 ng
RT: 17.41 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:178 Resp: 16599

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.2	12.1	18.1



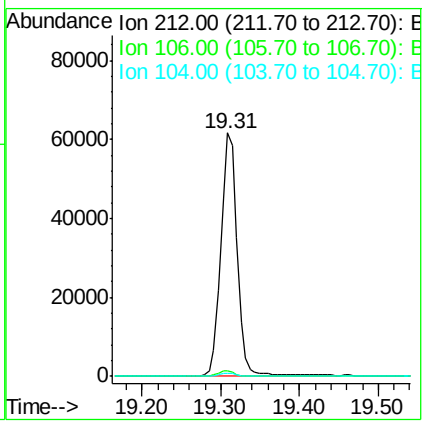


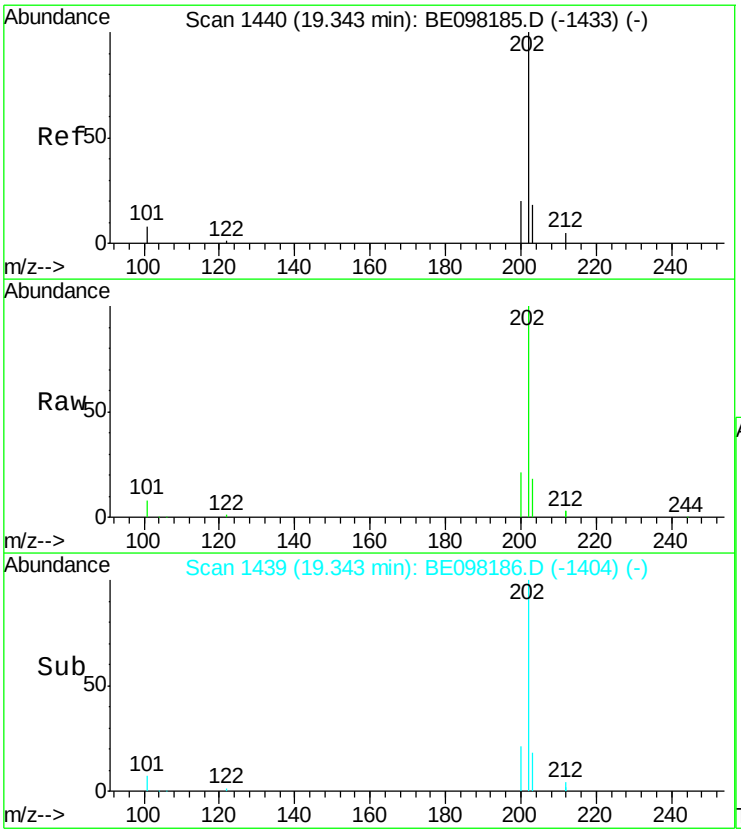
#25
Fluoranthene-d10
Concen: 0.771 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 87319

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.1	1.7

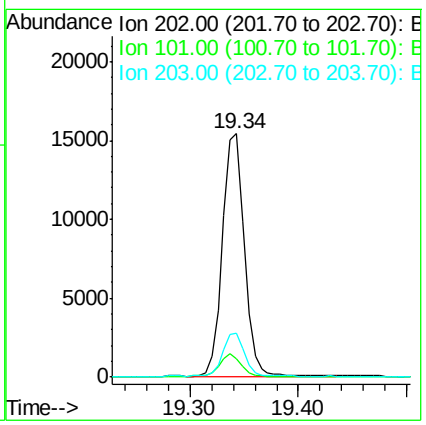


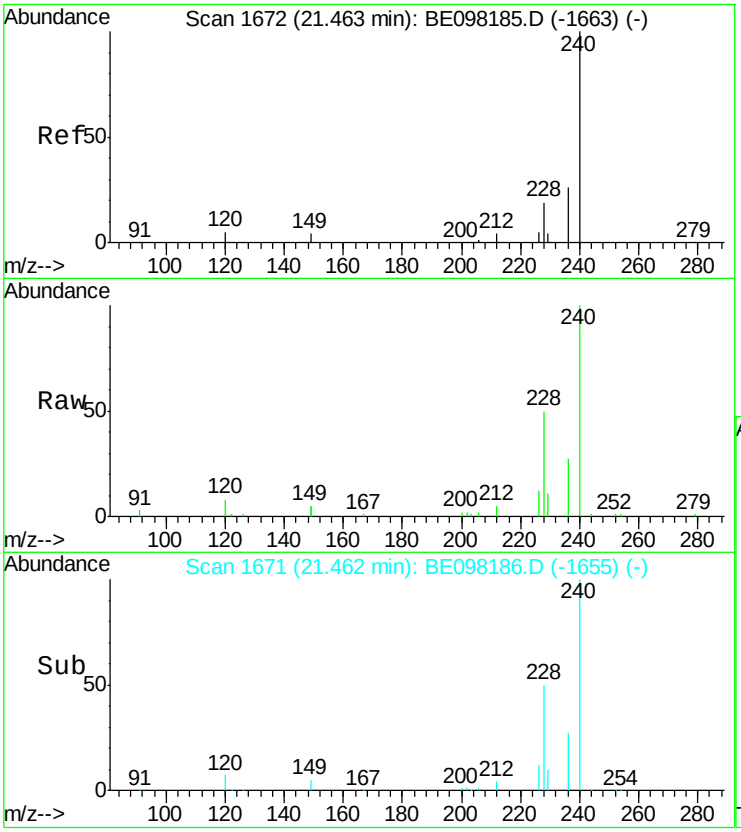


#26
Fluoranthene
Concen: 0.789 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:202 Resp: 21511

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.6
203	17.4	13.7	20.5



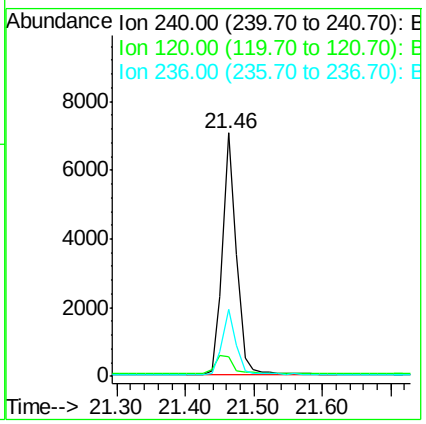


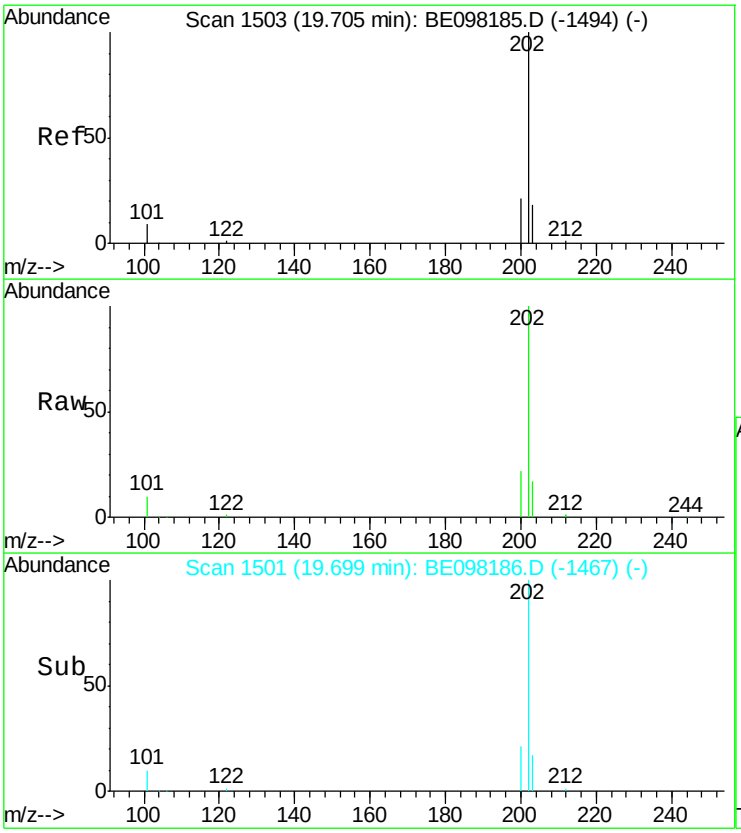
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 10056

Ion	Ratio	Lower	Upper
240	100		
120	8.1	4.8	7.2#
236	27.4	21.4	32.0

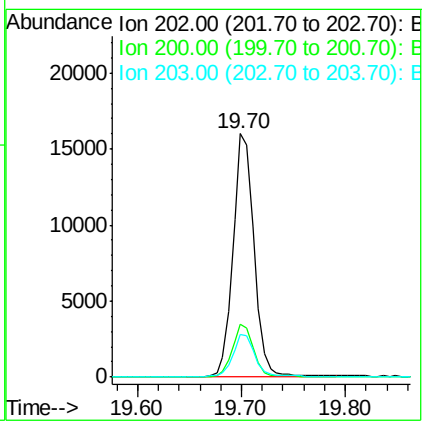


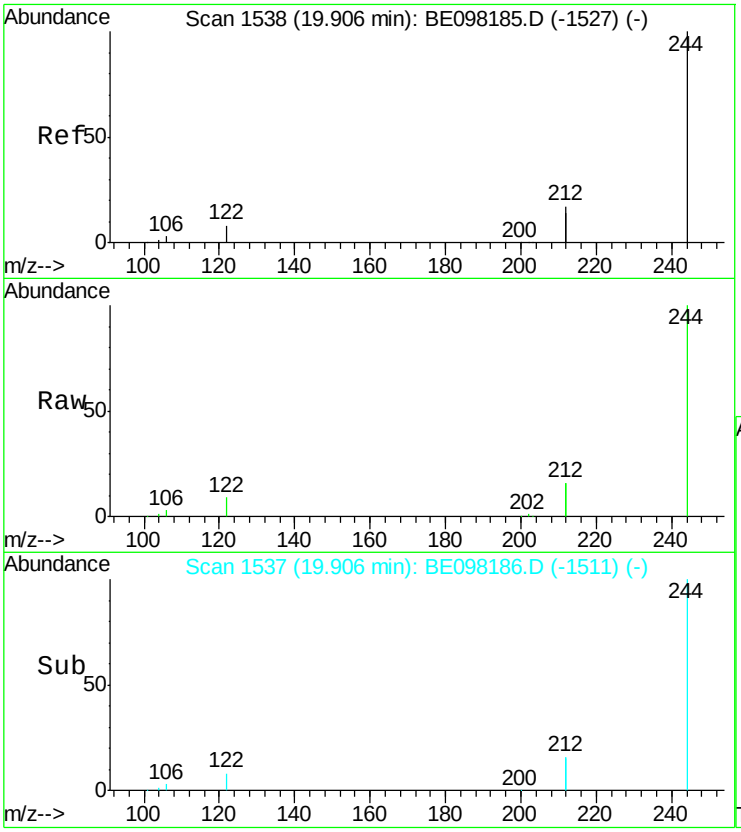


#28
Pyrene
Concen: 0.808 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:202 Resp: 22176

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.5	14.2	21.4



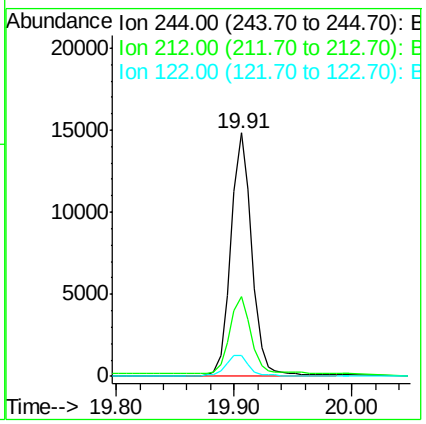


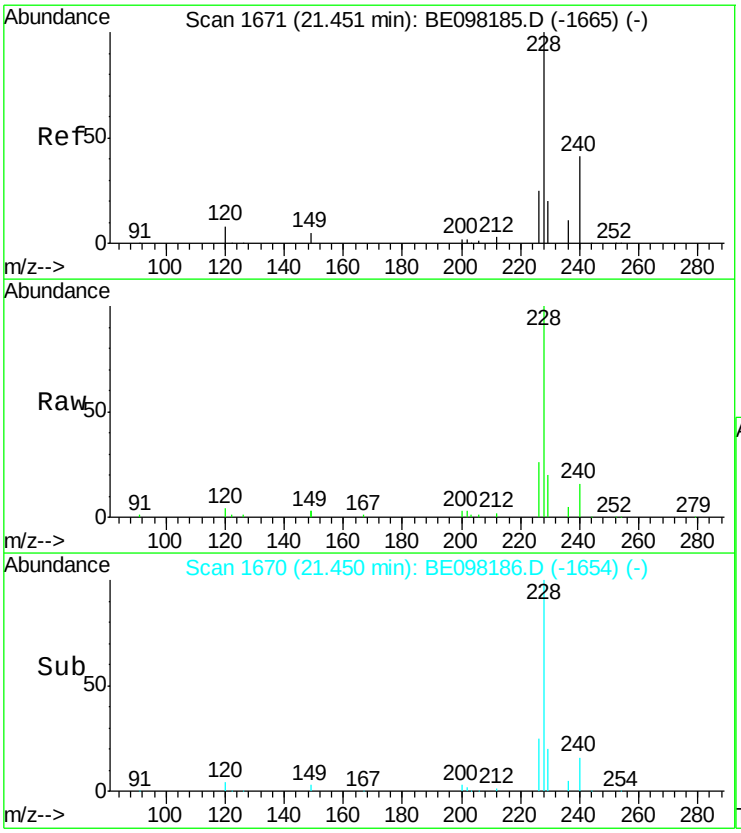
#29
Terphenyl-d14
Concen: 0.771 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 18040

Ion	Ratio	Lower	Upper
244	100		
212	32.6	26.8	40.2
122	8.6	7.0	10.6

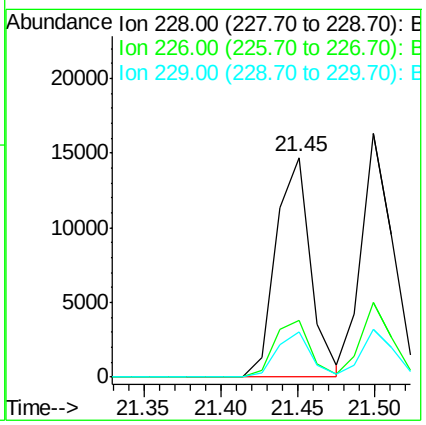


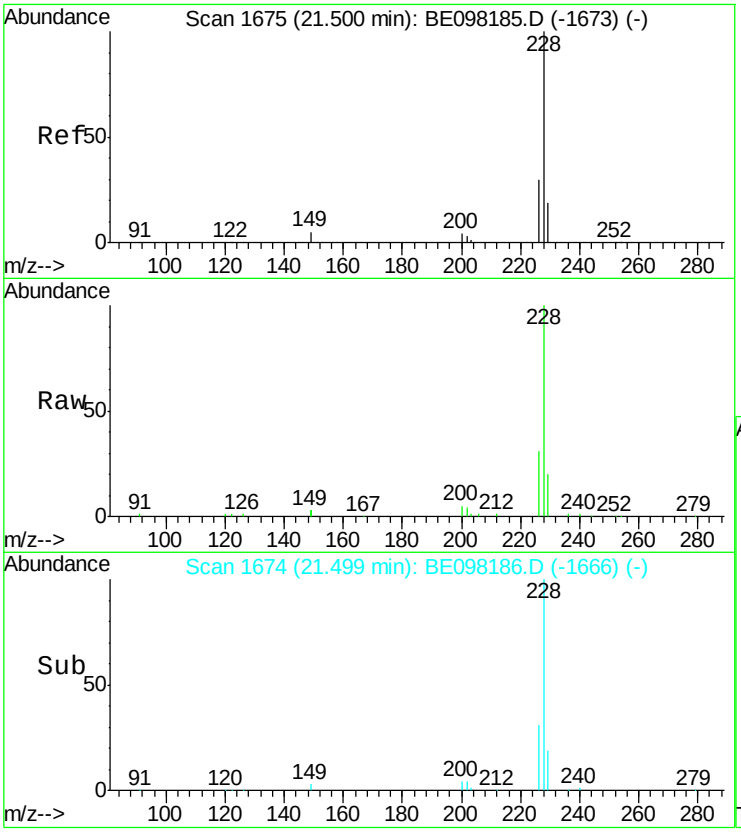


#30
Benzo(a)anthracene
Concen: 0.778 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:228 Resp: 22862

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.7	31.1
229	20.3	16.2	24.4



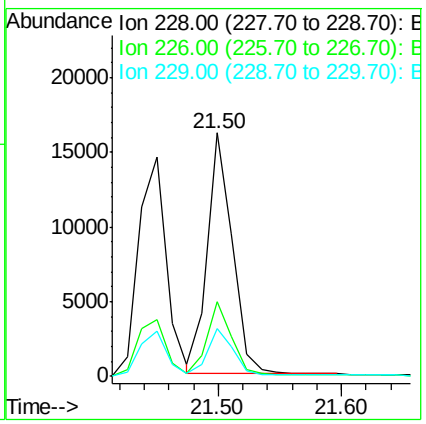


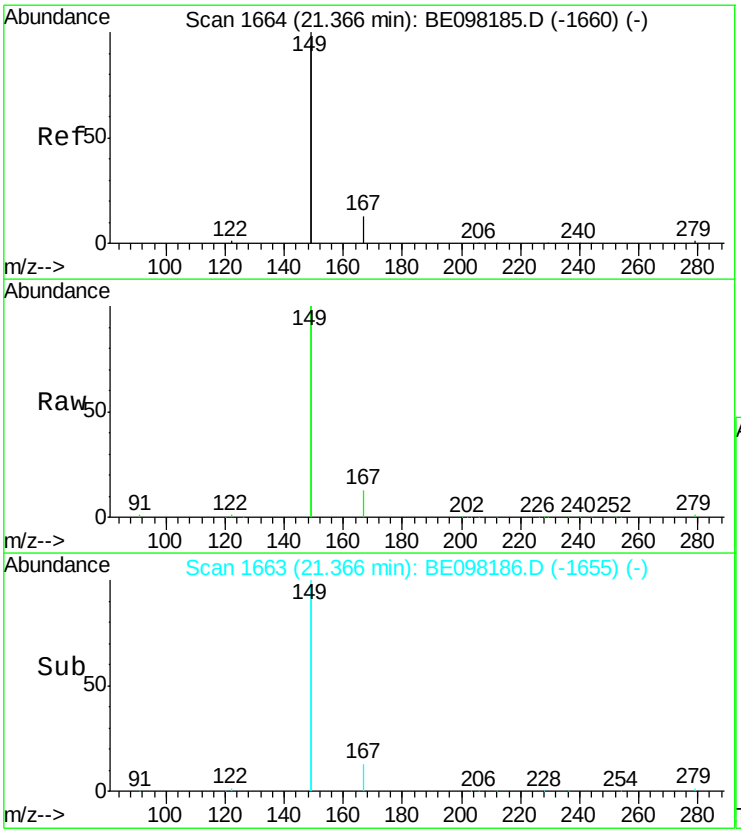
#31
Chrysene
Concen: 0.788 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 22915

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	36.8
229	19.5	16.0	24.0

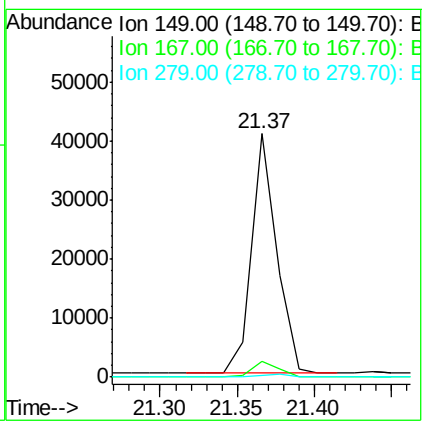


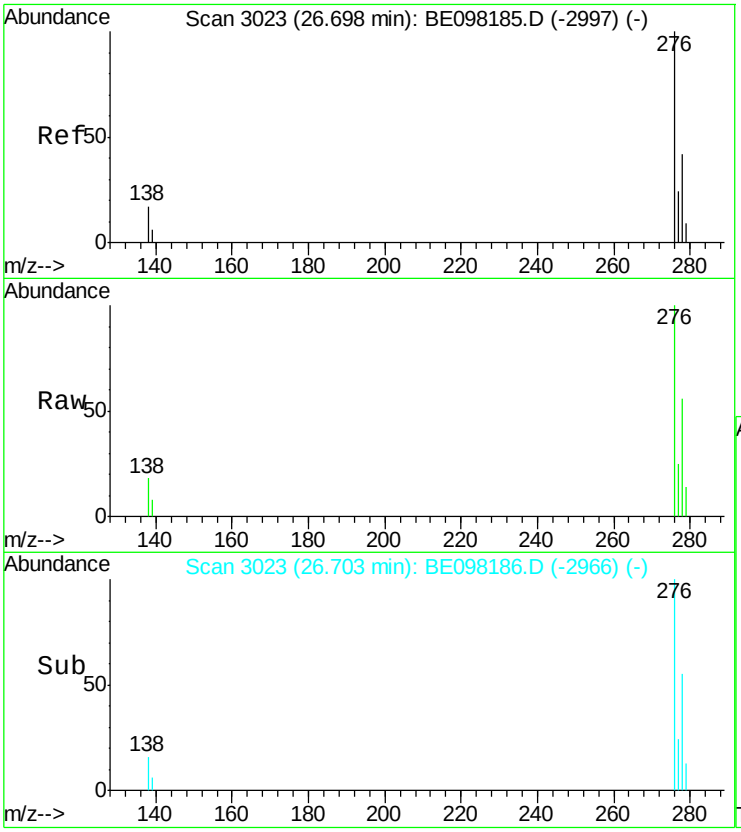


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.443 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:149 Resp: 46134

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.1	0.9	1.3



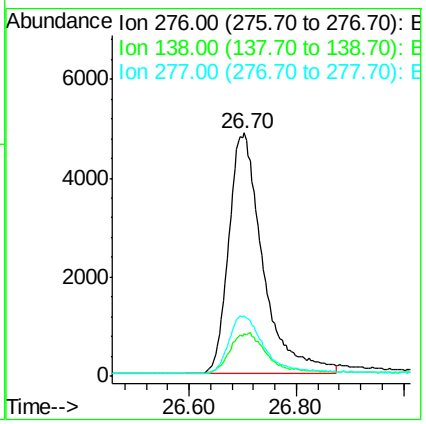


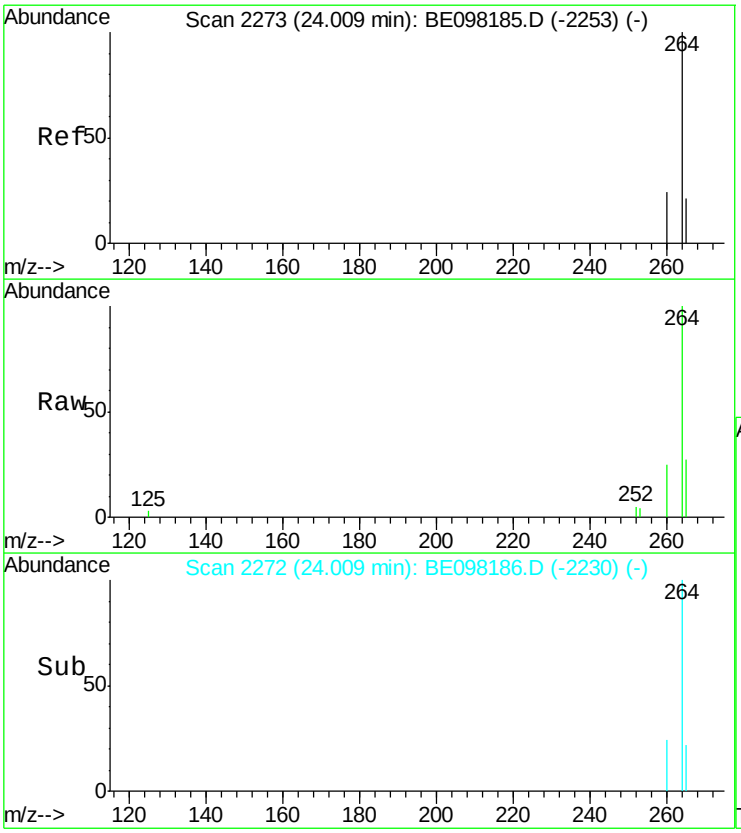
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.715 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 21629

Ion	Ratio	Lower	Upper
276	100		
138	17.0	6.4	9.6#
277	23.6	18.9	28.3

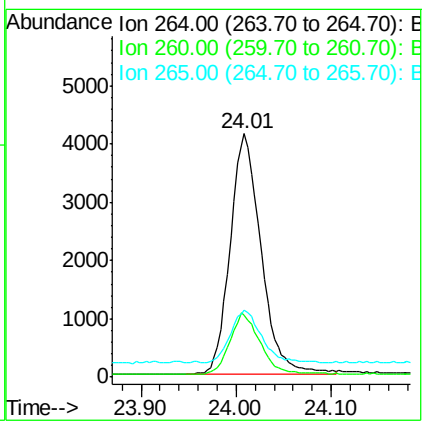


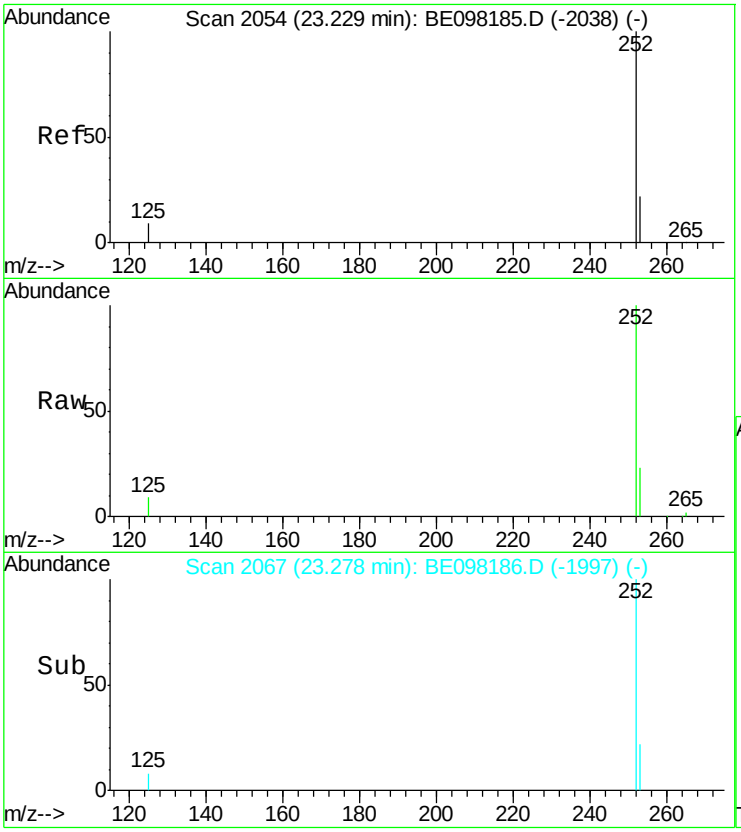


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:264 Resp: 9288

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.9	29.9
265	27.5	21.3	31.9



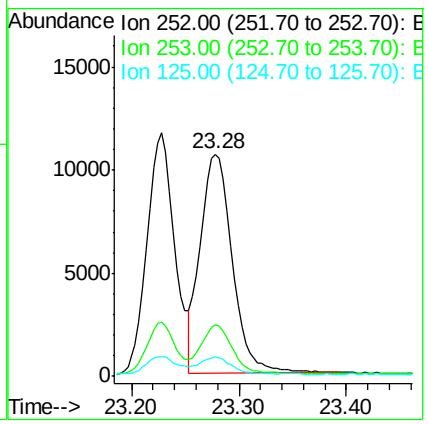


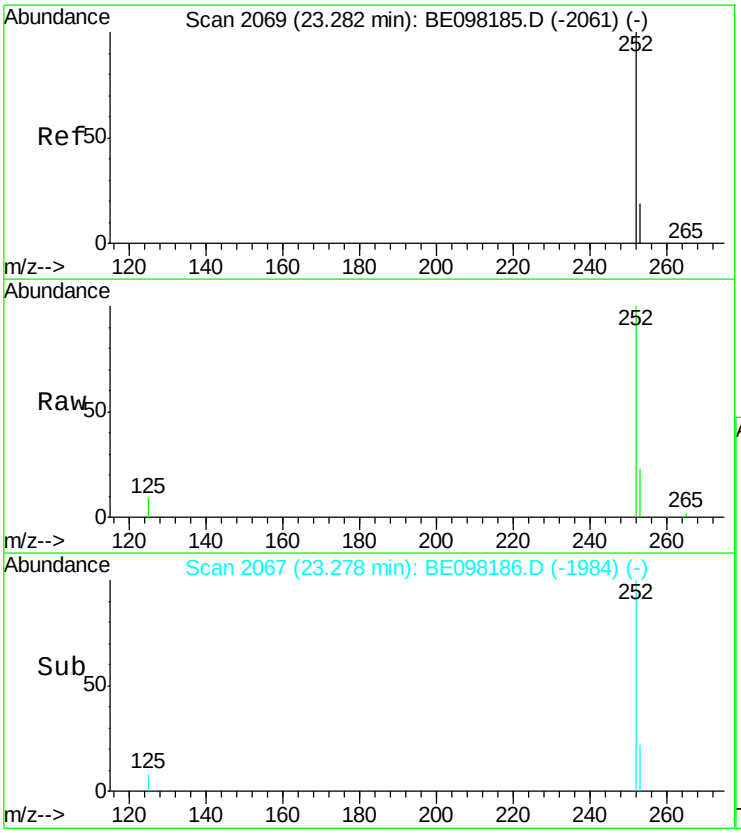
#35
Benzo(b)fluoranthene
Concen: 0.845 ng
RT: 23.28 min Scan# 2067
Delta R.T. 0.05 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 22114

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	8.6	8.6	12.8

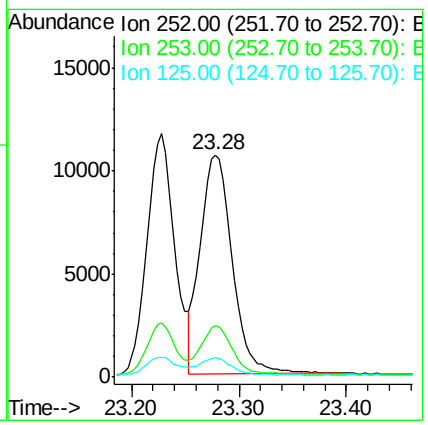


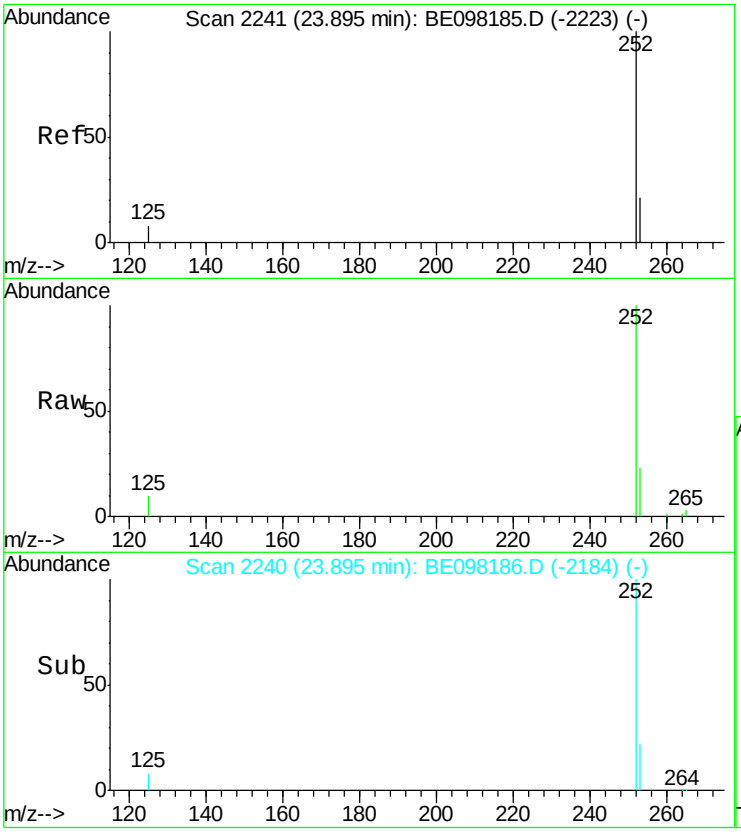


#36
Benzo(k)fluoranthene
Concen: 0.817 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:252 Resp: 22114

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	8.6	7.4	11.0



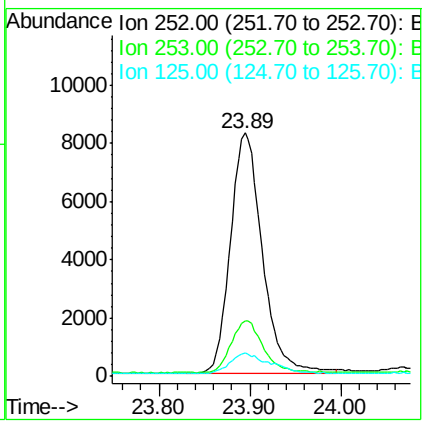


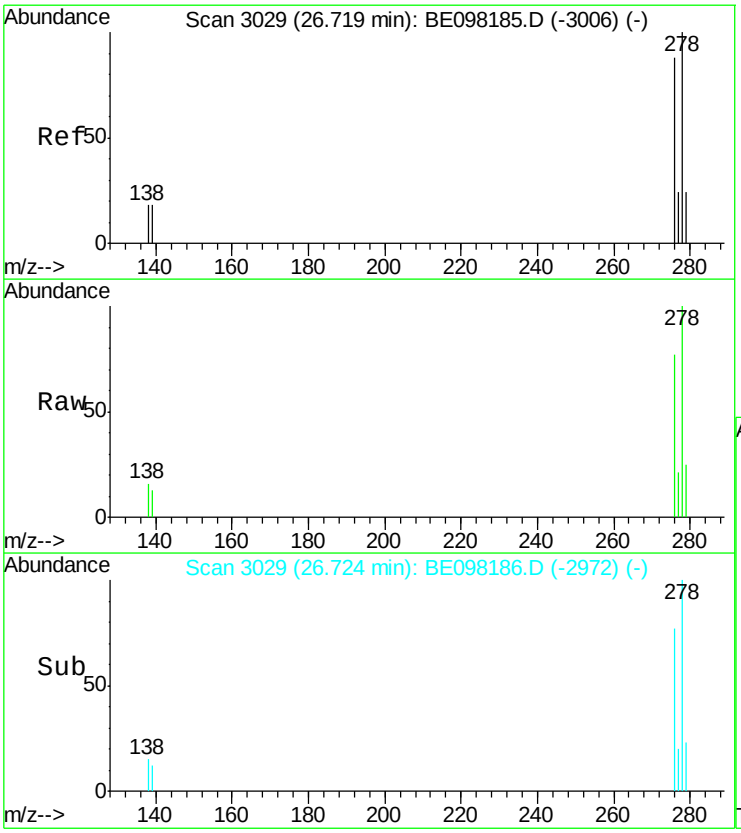
#37
Benzo(a)pyrene
Concen: 0.788 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 20139

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	9.6	8.0	12.0

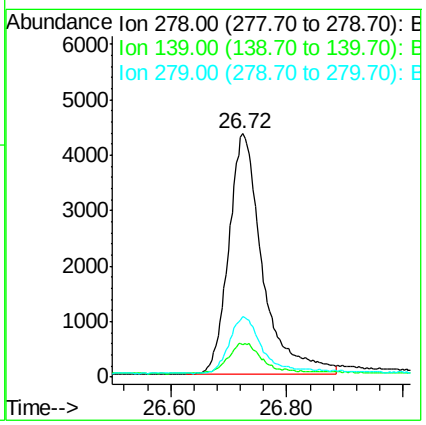


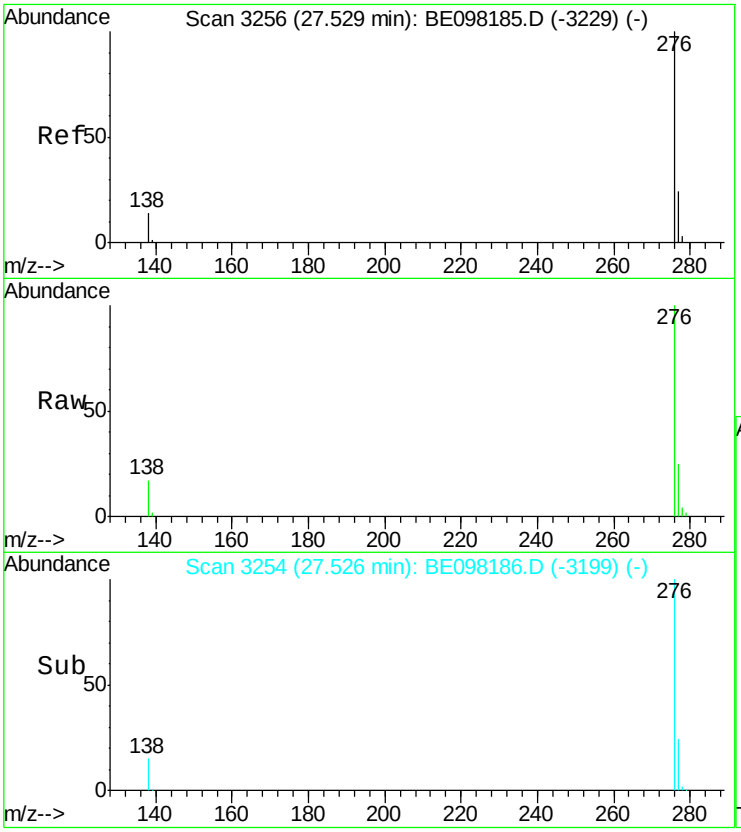


#38
Dibenzo(a,h)anthracene
Concen: 0.736 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Tgt Ion:278 Resp: 17548

Ion	Ratio	Lower	Upper
278	100		
139	13.4	16.4	24.6#
279	24.7	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.771 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BE098186.D
Acq: 12 Nov 2018 11:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 18305

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.4	30.6
138	16.8	13.2	19.8