Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097707.D
Acq On : 3 Oct 2018 9:04
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Oct 03 11:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5120	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	21042	0.40	ng		0.00
13) Acenaphthene-d10	14.56	164	11819	0.40	ng		0.00
19) Phenanthrene-d10	17.30	188	32037	0.40	ng		0.00
27) Chrysene-d12	21.49	240	40597	0.40	ng		0.00
34) Perylene-d12	24.04	264	38961	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2582	0.20	ng		0.00
5) Phenol-d6	7.05	99	3720	0.21	ng		0.00
8) Nitrobenzene-d5	9.04	82	1396	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	6934	0.21	ng		0.00
14) 2,4,6-Tribromophenol	16.04	330	510	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.19	172	11737	0.24	ng		0.00
25) Fluoranthene-d10	19.33	212	80654	0.21	ng		0.00
29) Terphenyl-d14	19.94	244	17489	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	2356	0.221	ng	#	88
3) n-Nitrosodimethylamine	3.71	42	1895	0.296	ng	#	92
6) bis(2-Chloroethyl)ether	7.31	93	4022	0.235	ng		98
9) Naphthalene	10.74	128	44618	0.215	ng		99
10) Hexachlorobutadiene	11.04	225	2331	0.240	ng		99
12) 2-Methylnaphthalene	12.37	142	6814	0.215	ng		95
16) Acenaphthylene	14.28	152	10440	0.207	ng		100
17) Acenaphthene	14.61	154	6789	0.200	ng		97
18) Fluorene	15.60	166	8784	0.202	ng		99
20) 4-Bromophenyl-phenylether	16.50	248	3402	0.208	ng		96
21) Hexachlorobenzene	16.60	284	3968	0.216	ng		98
22) Pentachlorophenol	16.95	266	565	0.134	ng		92
23) Phenanthrene	17.34	178	16851	0.203	ng		100
24) Anthracene	17.43	178	14008	0.206	ng		99
26) Fluoranthene	19.36	202	20491	0.199	ng		100
28) Pyrene	19.72	202	21164	0.200	ng		100
30) Benzo(a)anthracene	21.48	228	21866	0.218	ng		99
31) Chrysene	21.52	228	25611	0.204	ng		99
32) Bis(2-ethylhexyl)phthalate	21.43	149	16084	0.130	ng		99
33) Indeno(1,2,3-cd)pyrene	26.74	276	21610	0.163	ng	#	91
35) Benzo(b)fluoranthene	23.26	252	20850	0.185	ng		99
36) Benzo(k)fluoranthene	23.31	252	22688	0.175	ng		97
37) Benzo(a)pyrene	23.93	252	18576	0.172	ng		97
38) Dibenzo(a,h)anthracene	26.77	278	17501	0.149	ng		96
39) Benzo(g,h,i)perylene	27.56	276	19104	0.161	ng		99

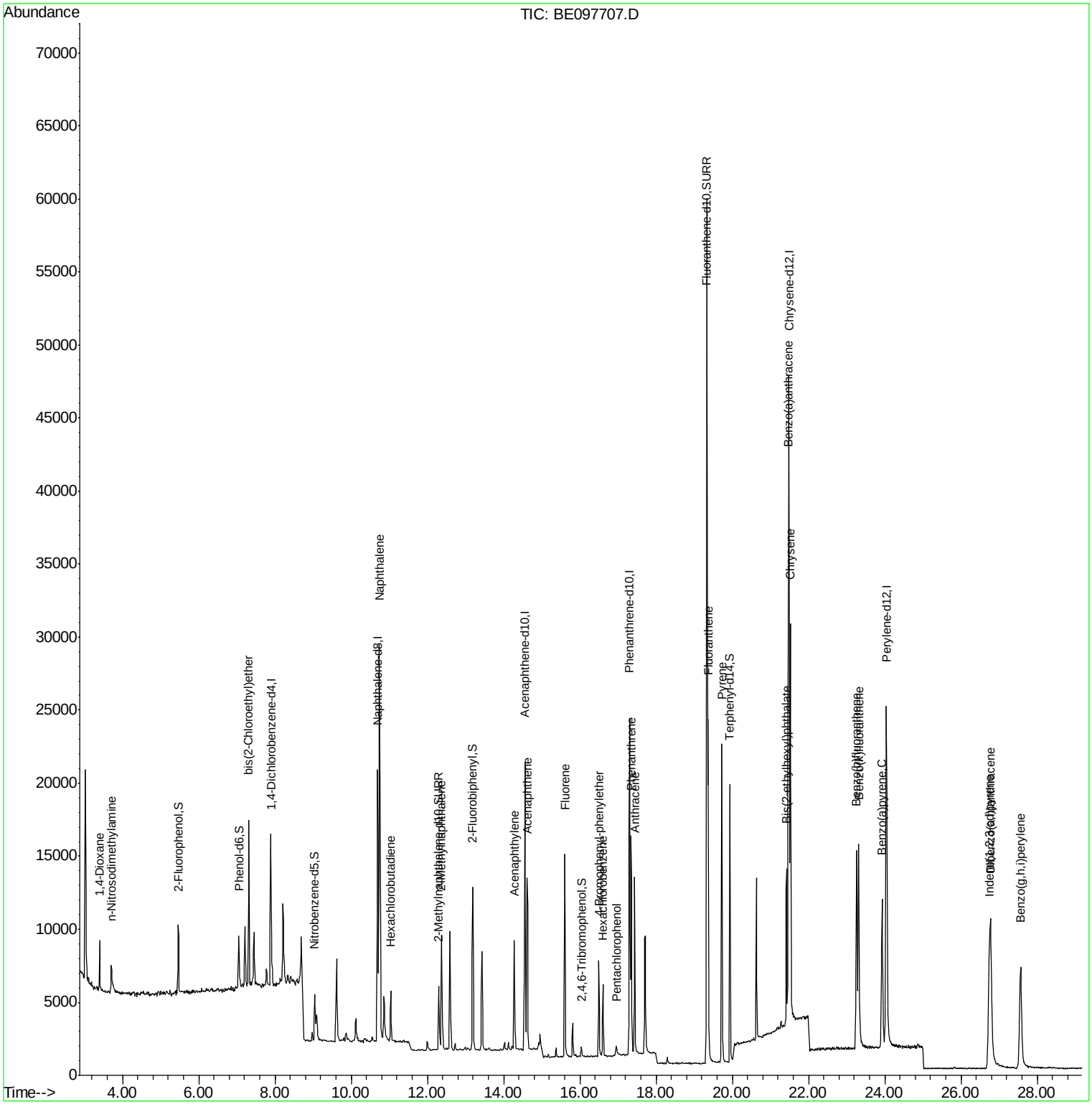
(#) = qualifier out of range (m) = manual integration (+) = signals summed

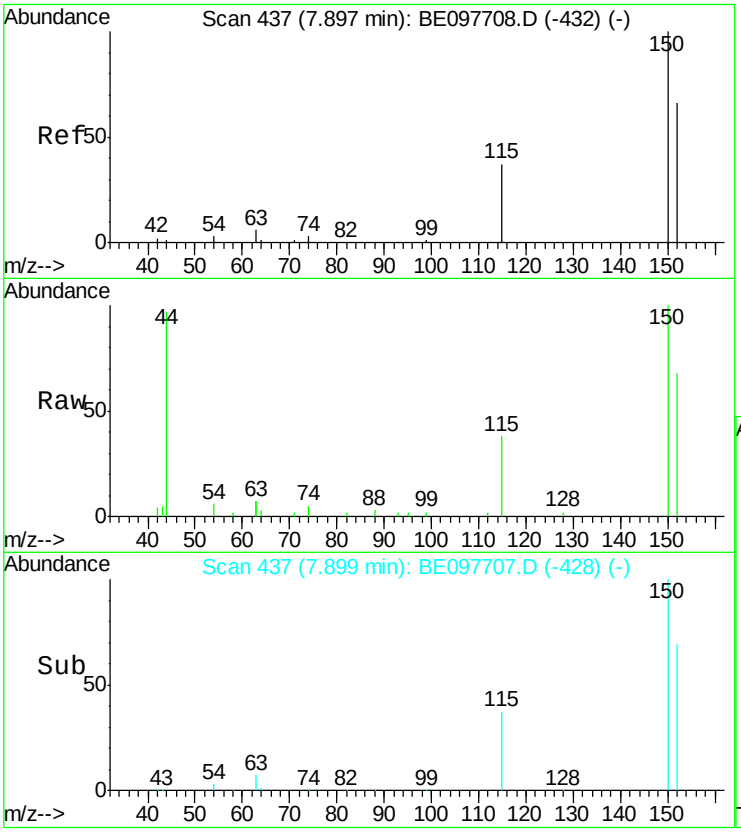
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
Data File : BE097707.D
Acq On : 3 Oct 2018 9:04
Operator : SJ/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 03 11:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 11:25:02 2018
Response via : Initial Calibration



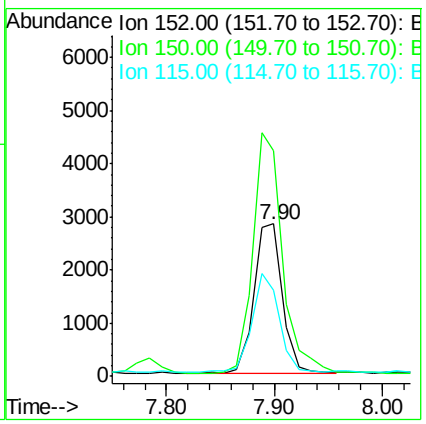


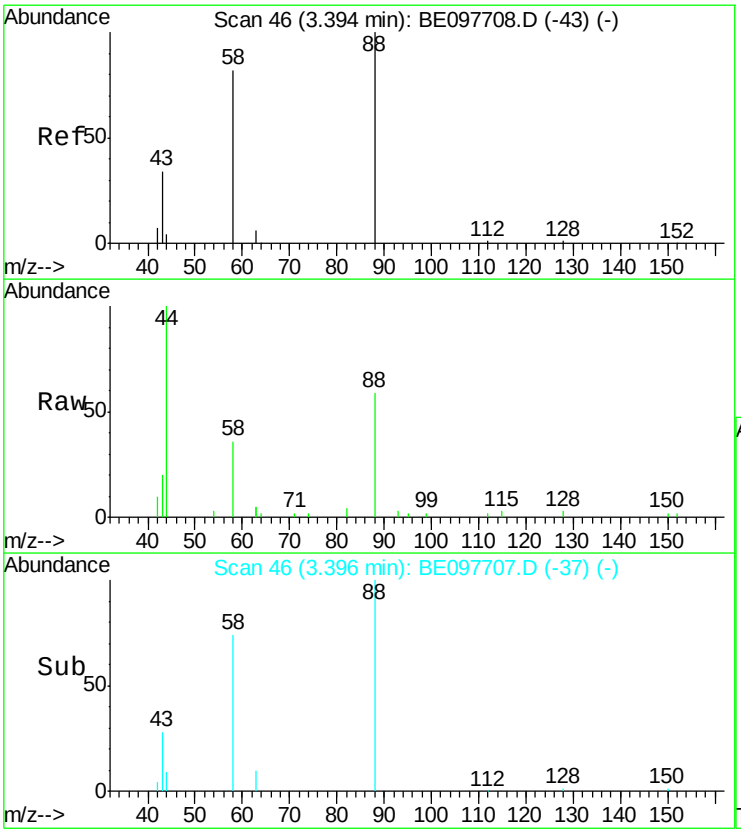
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5120

Ion	Ratio	Lower	Upper
152	100		
150	148.1	120.9	181.3
115	56.4	46.6	69.8

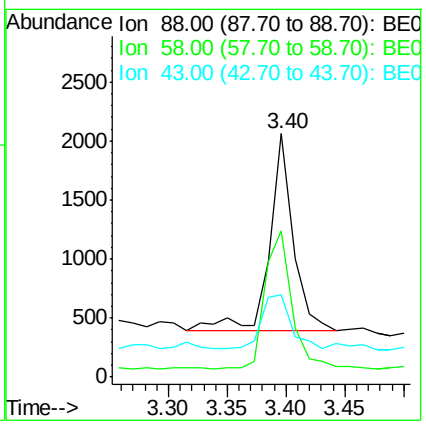


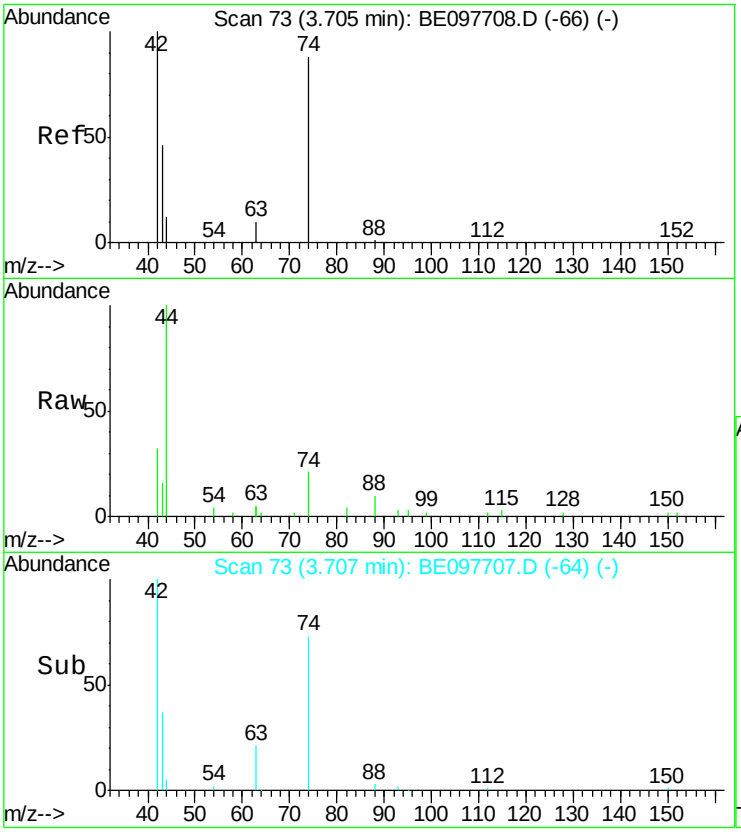


#2
1,4-Dioxane
Concen: 0.221 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion: 88 Resp: 2356

Ion	Ratio	Lower	Upper
88	100		
58	78.2	70.8	106.2
43	33.2	33.3	49.9#



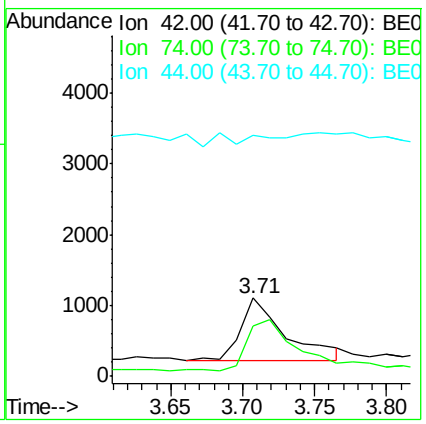


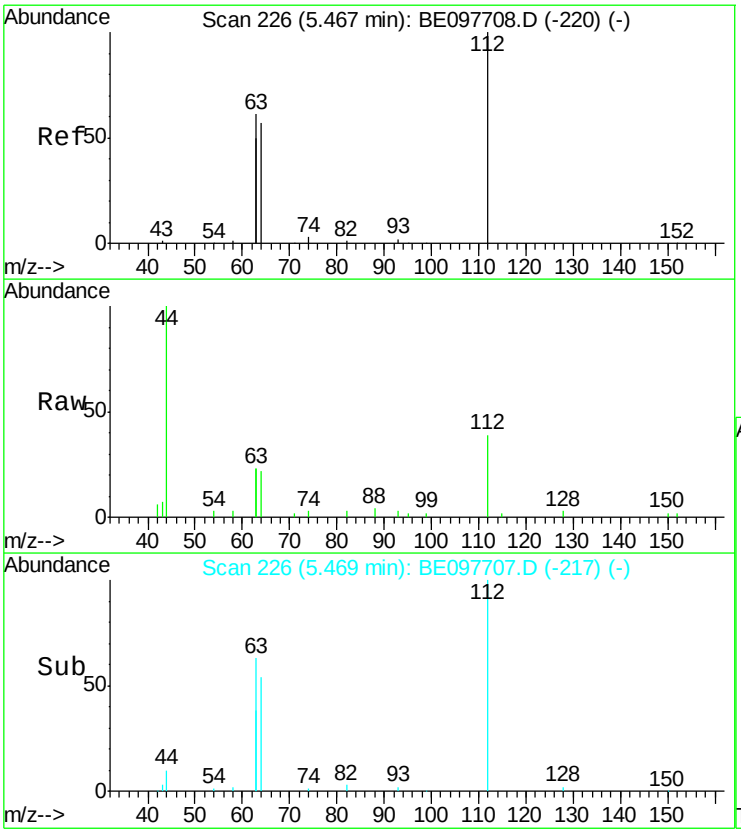
#3
n-Nitrosodimethylamine
Concen: 0.296 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1895

Ion	Ratio	Lower	Upper
42	100		
74	88.0	70.7	106.1
44	0.0	15.0	22.4#

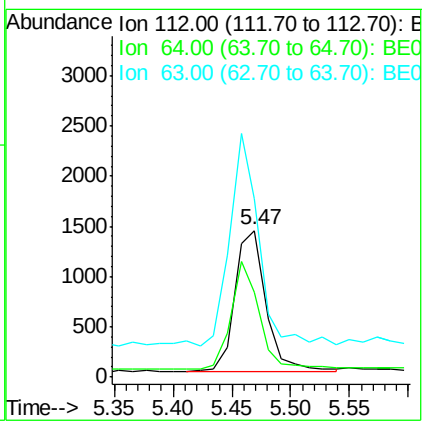


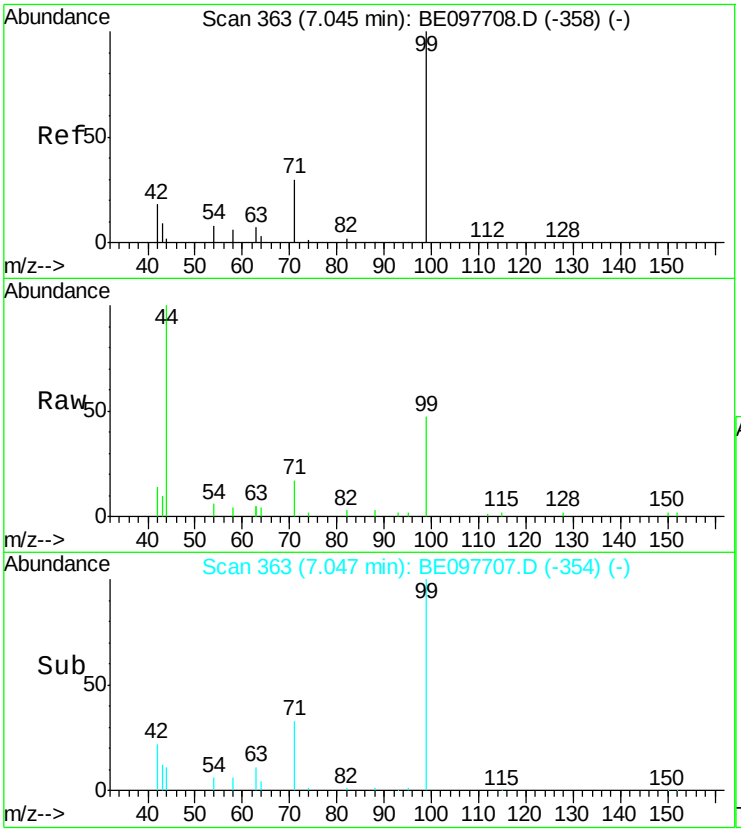


#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:112 Resp: 2582

Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.6	84.8
63	139.3	119.4	179.0



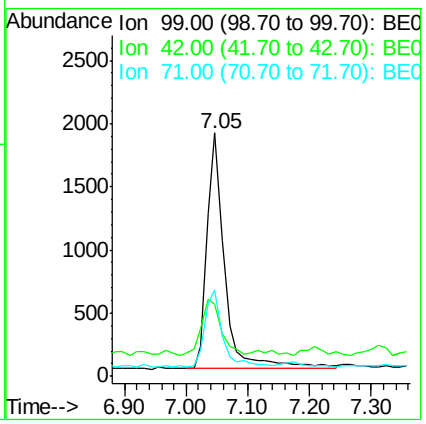


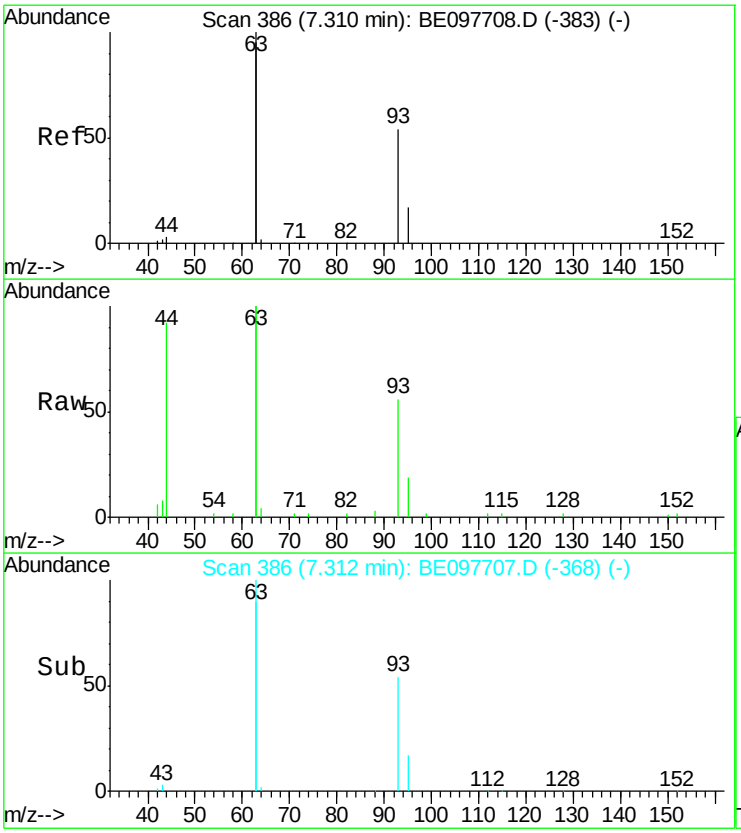
#5
Phenol-d6
Concen: 0.213 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3720

Ion	Ratio	Lower	Upper
99	100		
42	25.8	19.9	29.9
71	32.8	25.4	38.2

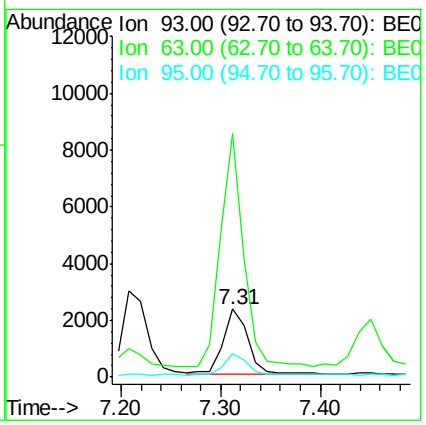


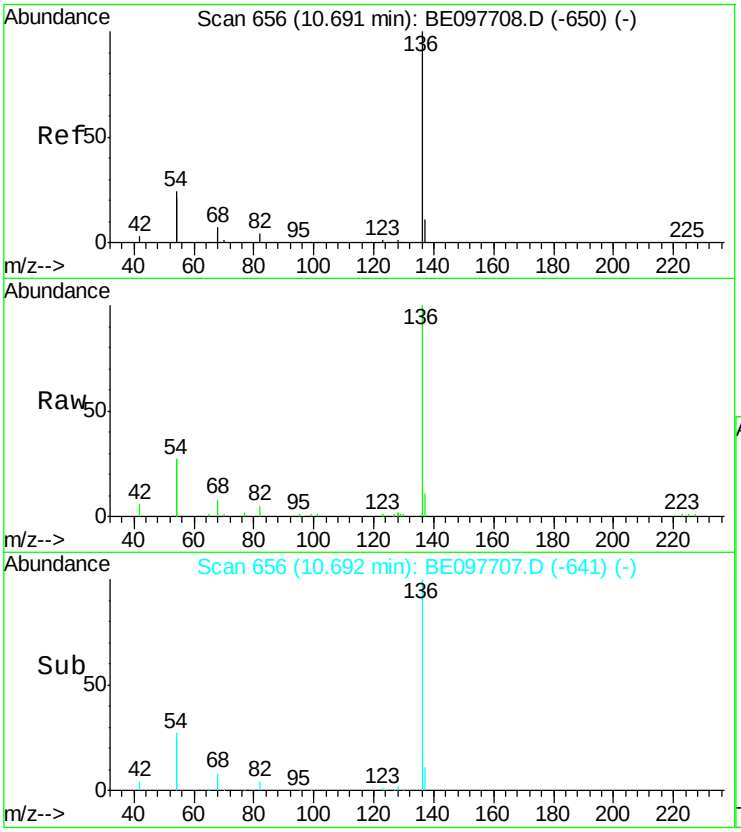


#6
bis(2-Chloroethyl)ether
Concen: 0.235 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion: 93 Resp: 4022

Ion	Ratio	Lower	Upper
93	100		
63	329.6	266.9	400.3
95	31.1	26.2	39.2



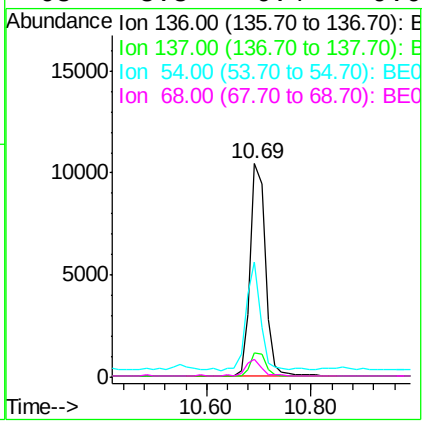


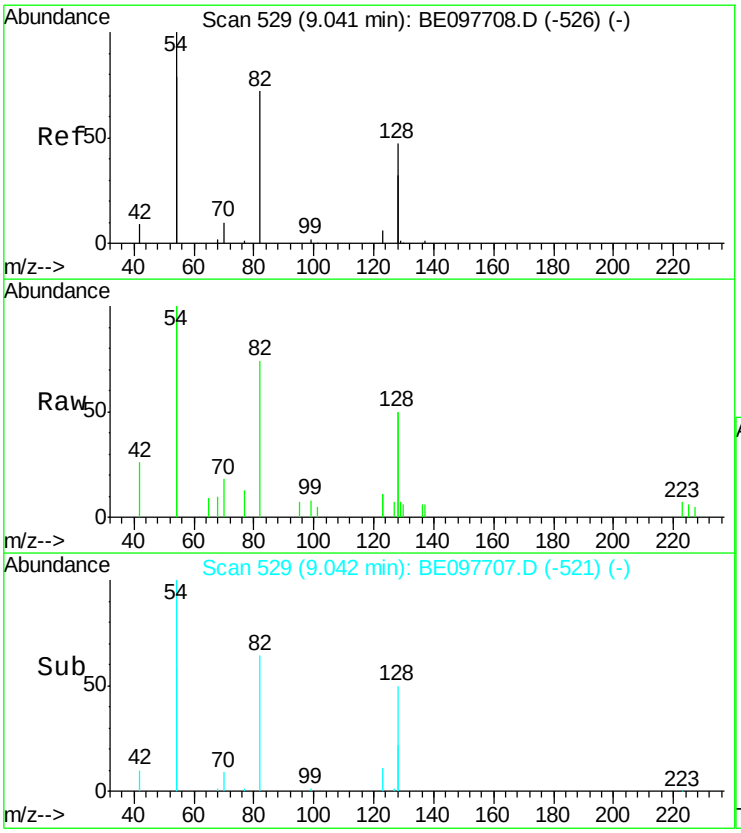
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 21042

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	53.9	37.8	56.6
68	8.3	6.4	9.6

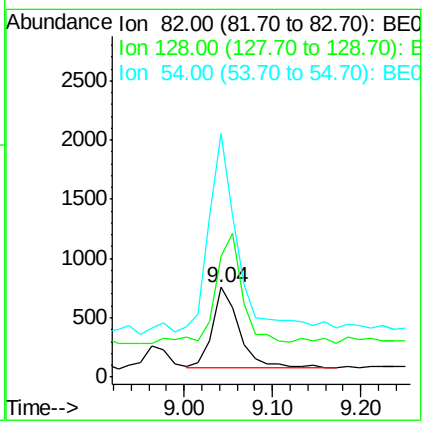


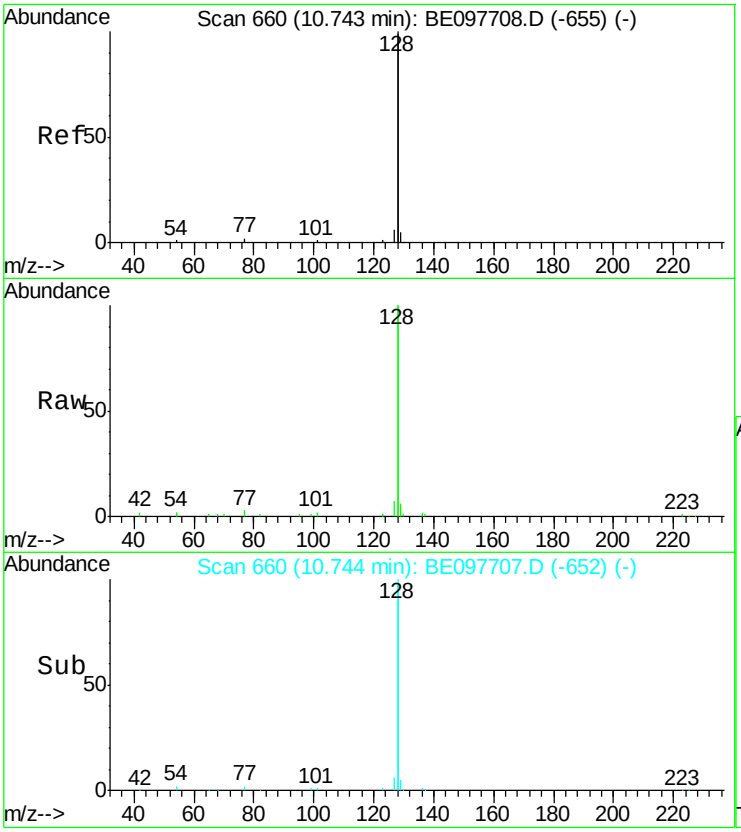


#8
Nitrobenzene-d5
Concen: 0.094 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion: 82 Resp: 1396

Ion	Ratio	Lower	Upper
82	100		
128	135.0	97.0	145.4
54	271.3	206.9	310.3



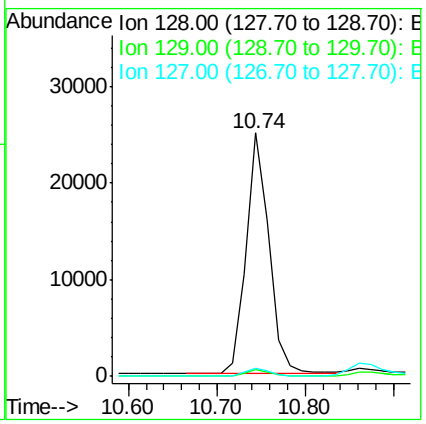


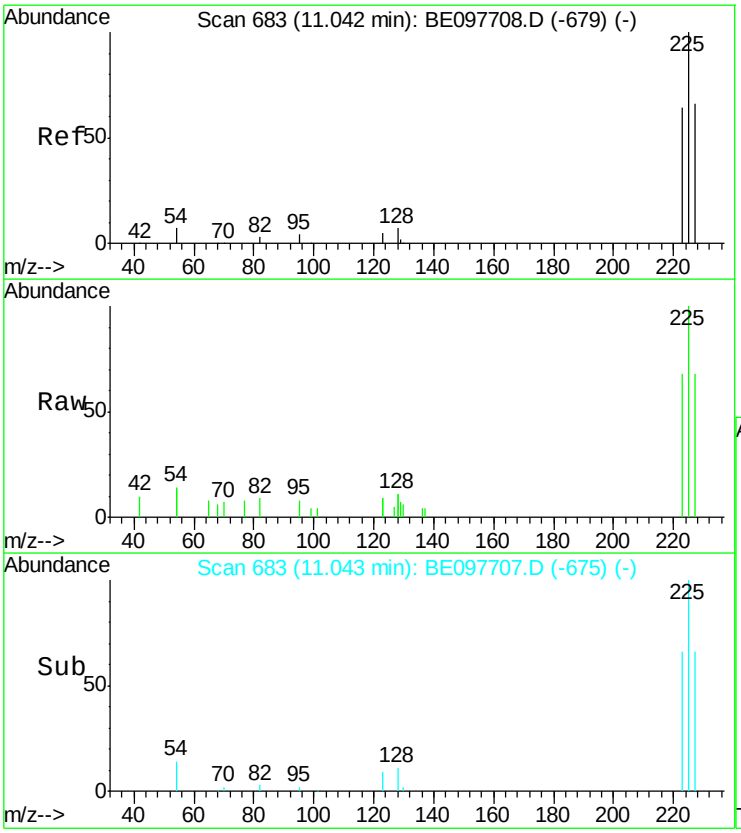
#9
Naphthalene
Concen: 0.215 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 44618

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.2	3.2
127	3.3	2.7	4.1

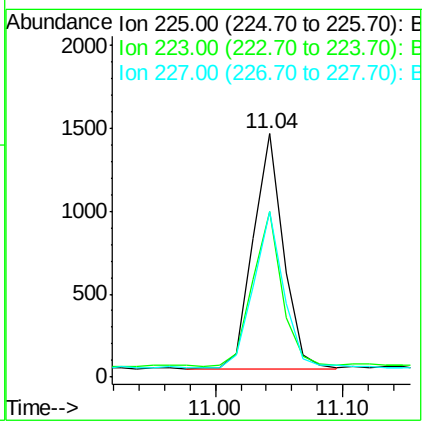


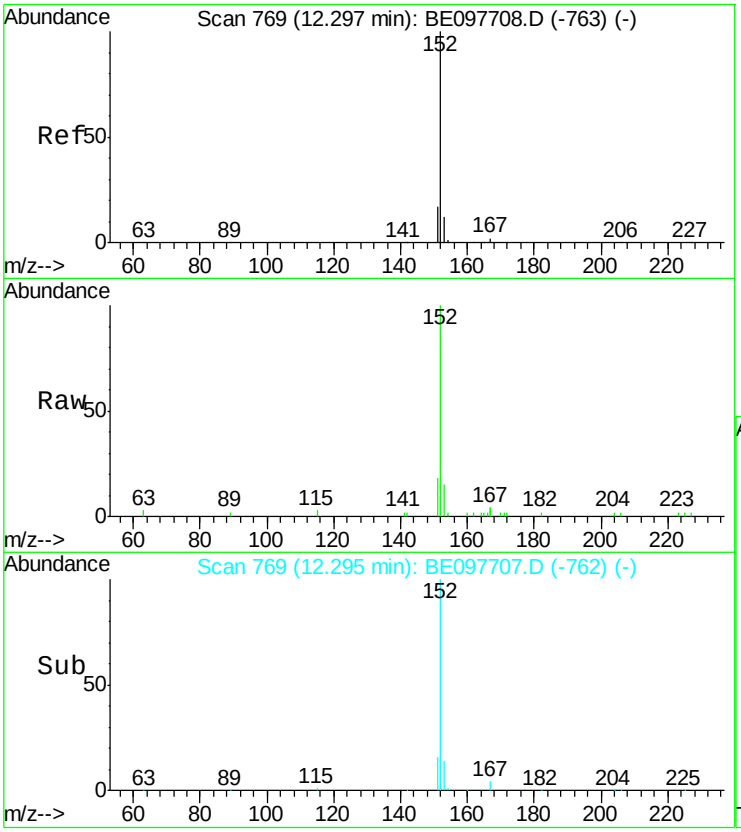


#10
Hexachlorobutadiene
Concen: 0.240 ng
RT: 11.04 min Scan# 683
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:225 Resp: 2331

Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	66.0	51.2	76.8



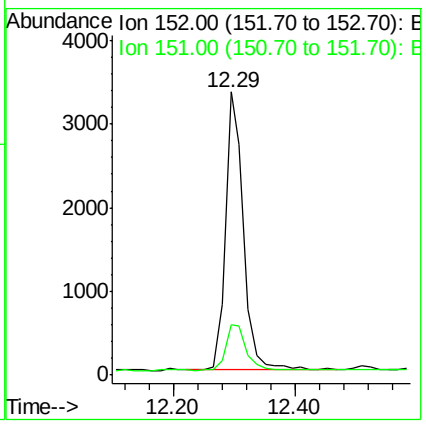


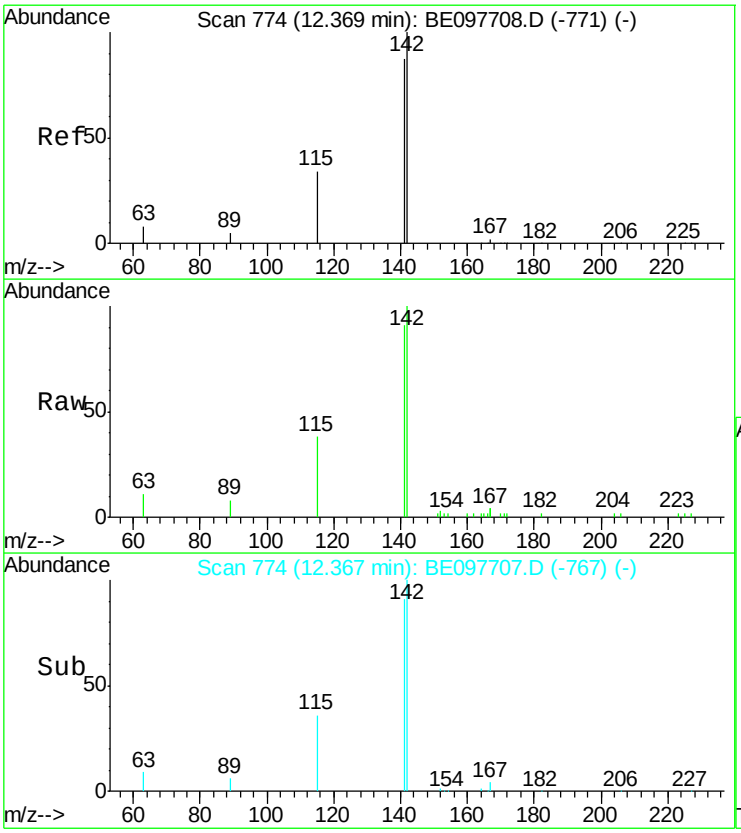
#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 6934

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

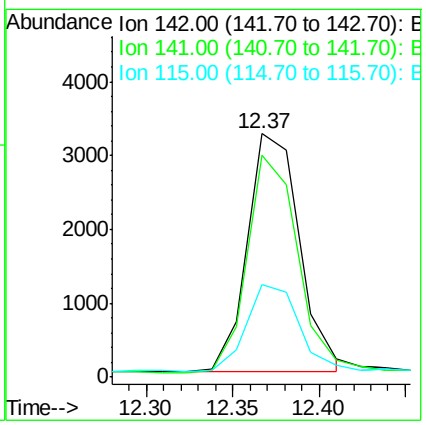


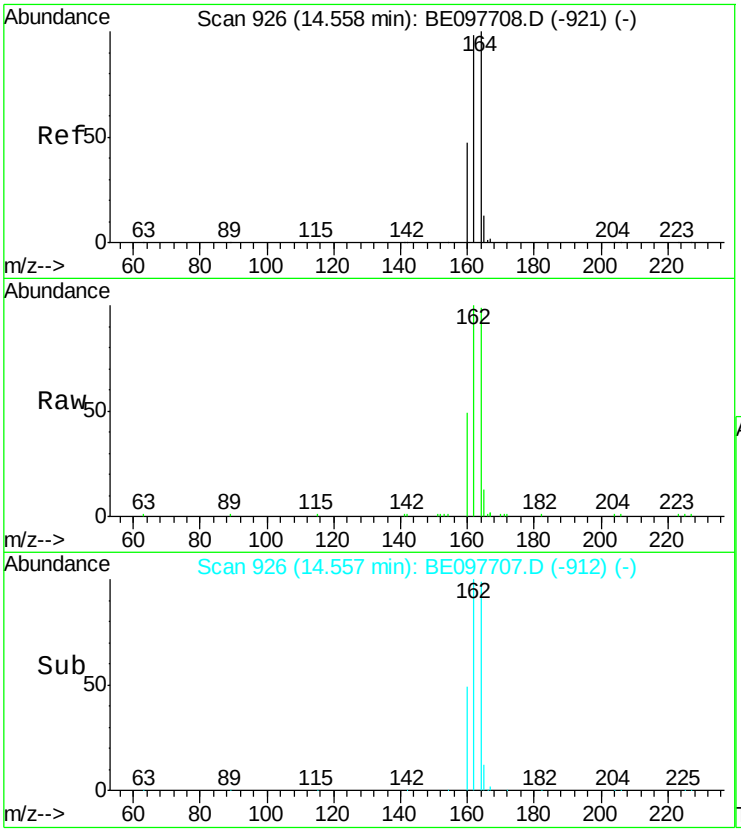


#12
2-Methylnaphthalene
Concen: 0.215 ng
RT: 12.37 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:142 Resp: 6814

Ion	Ratio	Lower	Upper
142	100		
141	91.1	69.4	104.2
115	38.0	28.0	42.0



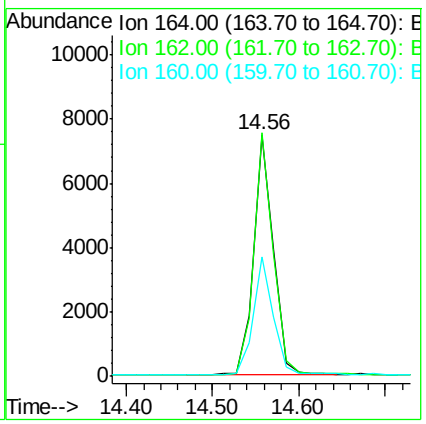


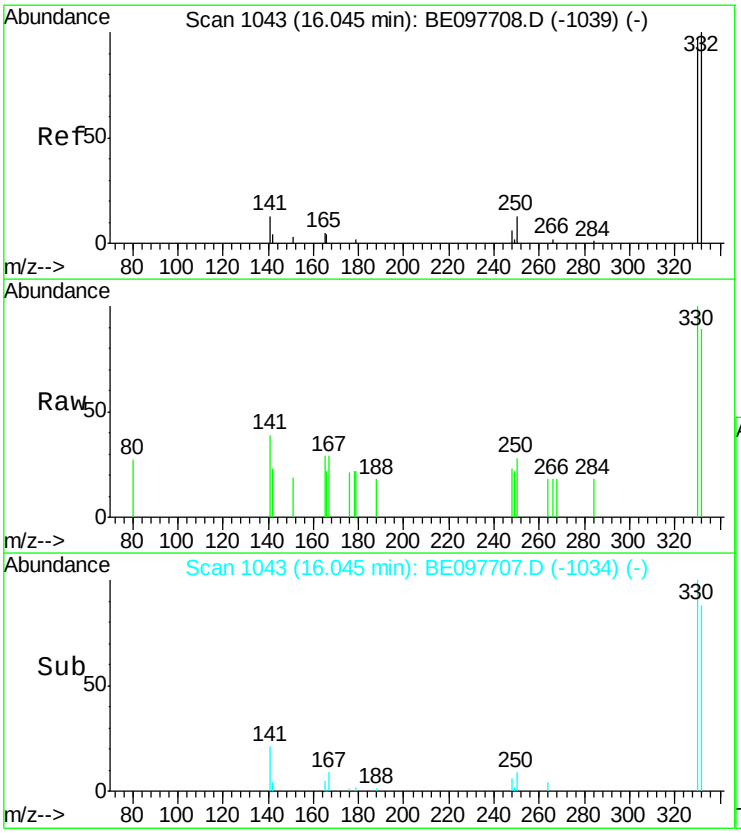
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 11819

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.6	117.8
160	49.7	37.8	56.6

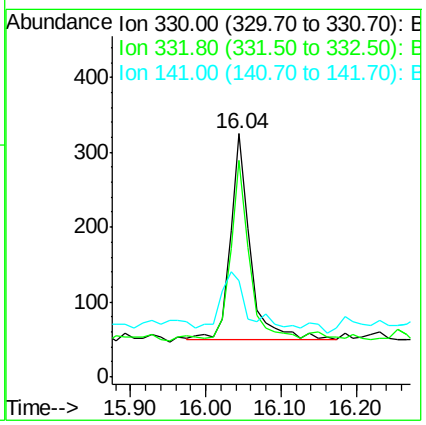


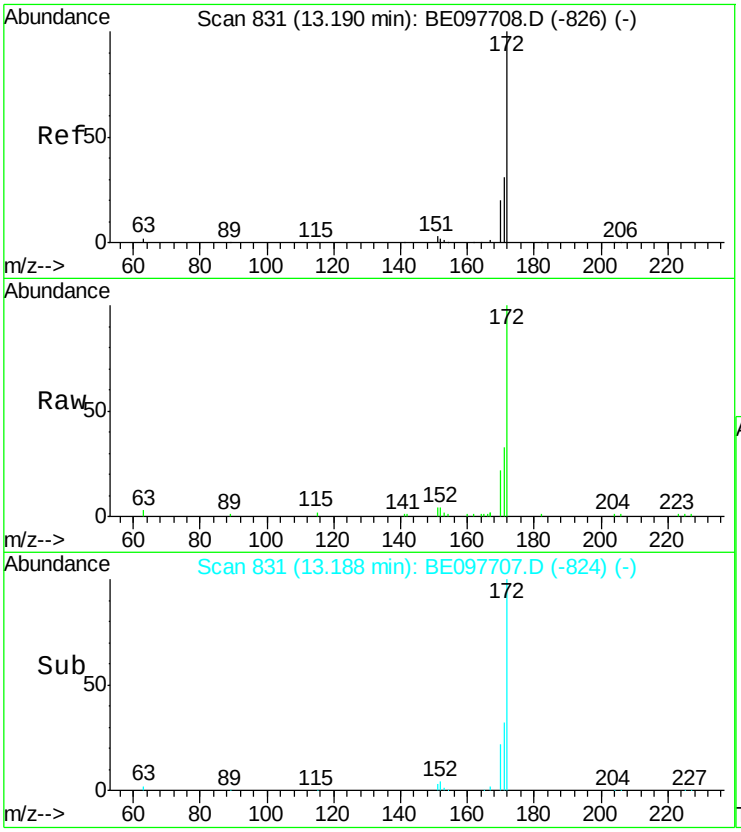


#14
2,4,6-Tribromophenol
Concen: 0.110 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:330 Resp: 510

Ion	Ratio	Lower	Upper
330	100		
332	79.4	83.5	125.3#
141	33.3	34.9	52.3#



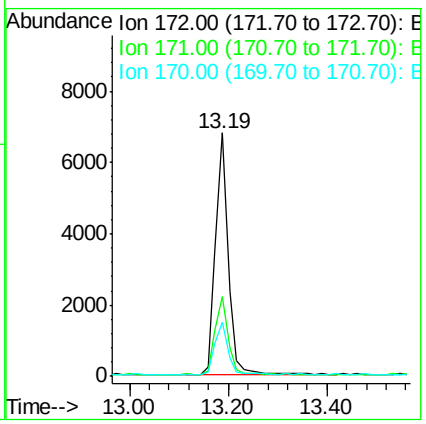


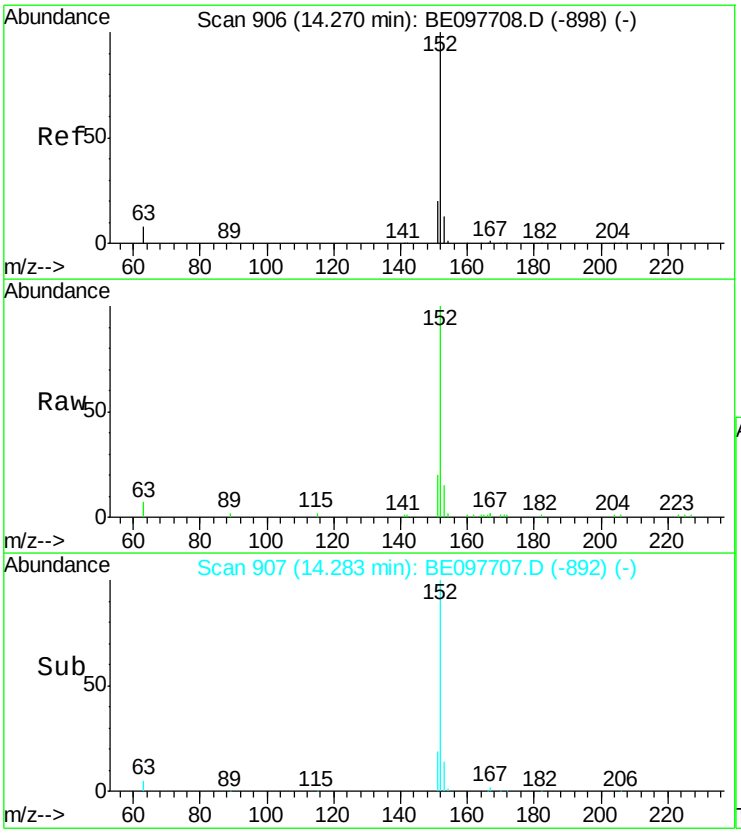
#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 11737

Ion	Ratio	Lower	Upper
172	100		
171	32.8	25.2	37.8
170	22.4	16.2	24.2

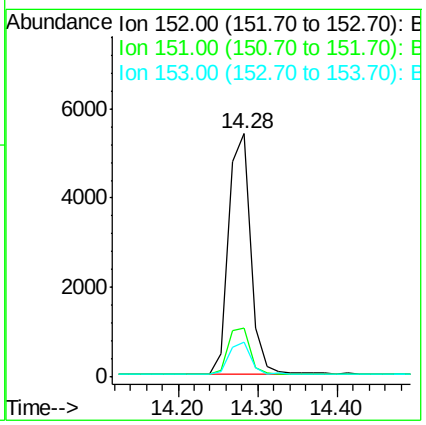


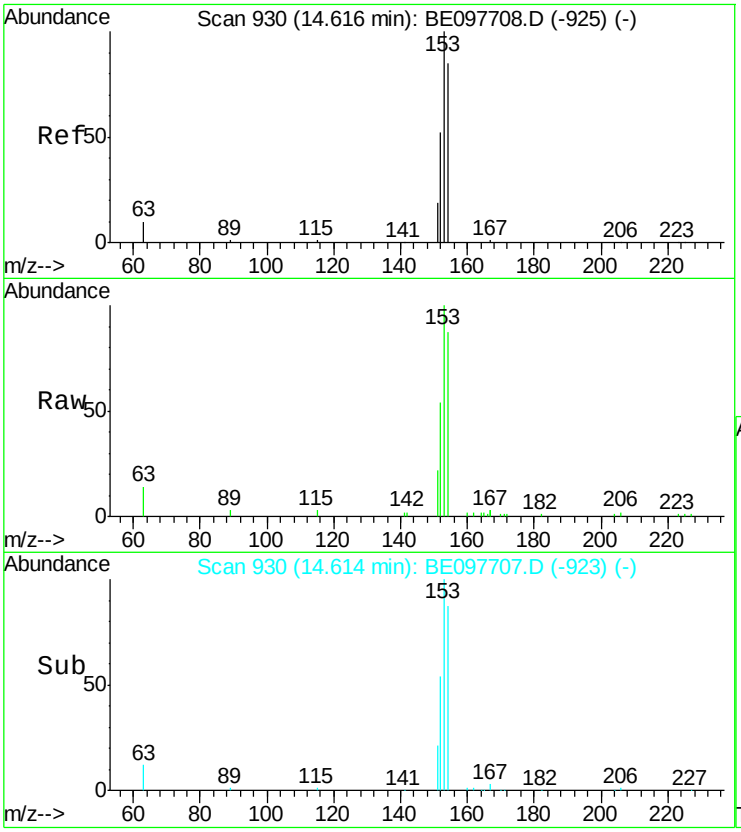


#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:152 Resp: 10440

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.8	10.8	16.2



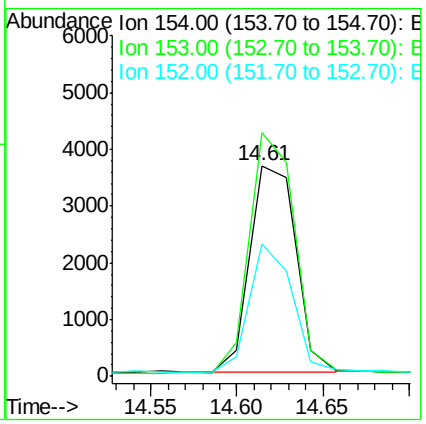


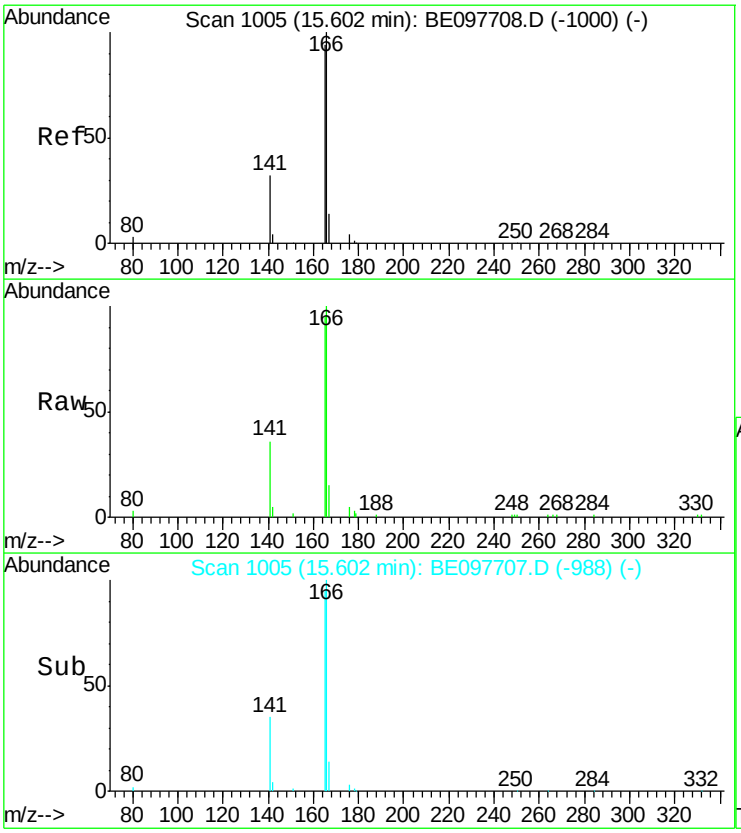
#17
Acenaphthene
Concen: 0.200 ng
RT: 14.61 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6789

Ion	Ratio	Lower	Upper
154	100		
153	113.8	93.3	139.9
152	58.8	48.9	73.3

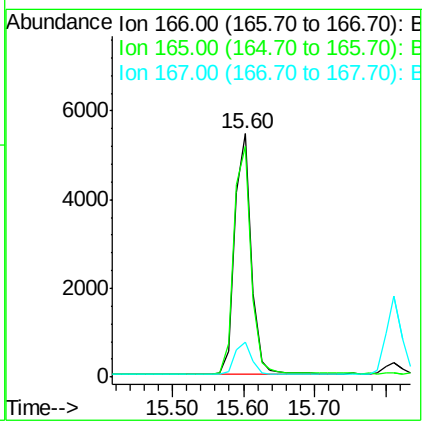


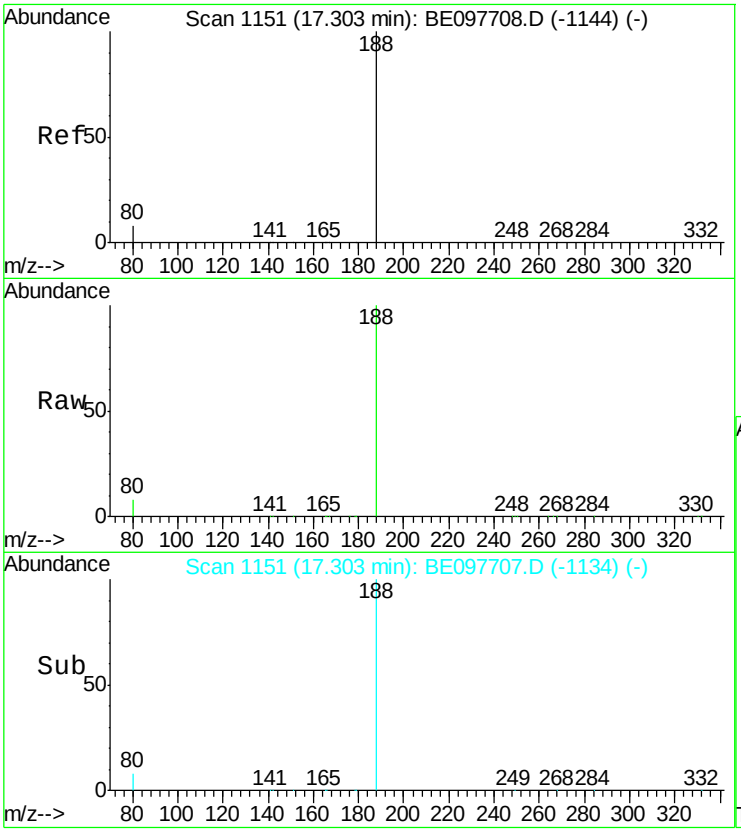


#18
Fluorene
Concen: 0.202 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:166 Resp: 8784

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	13.8	11.1	16.7



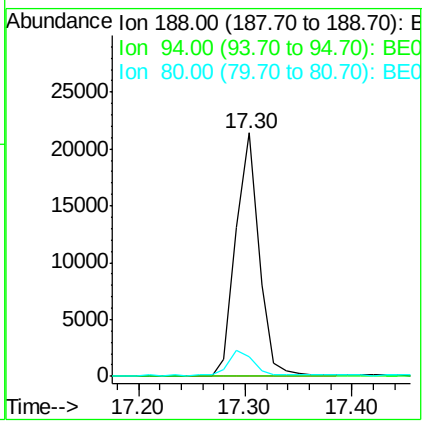


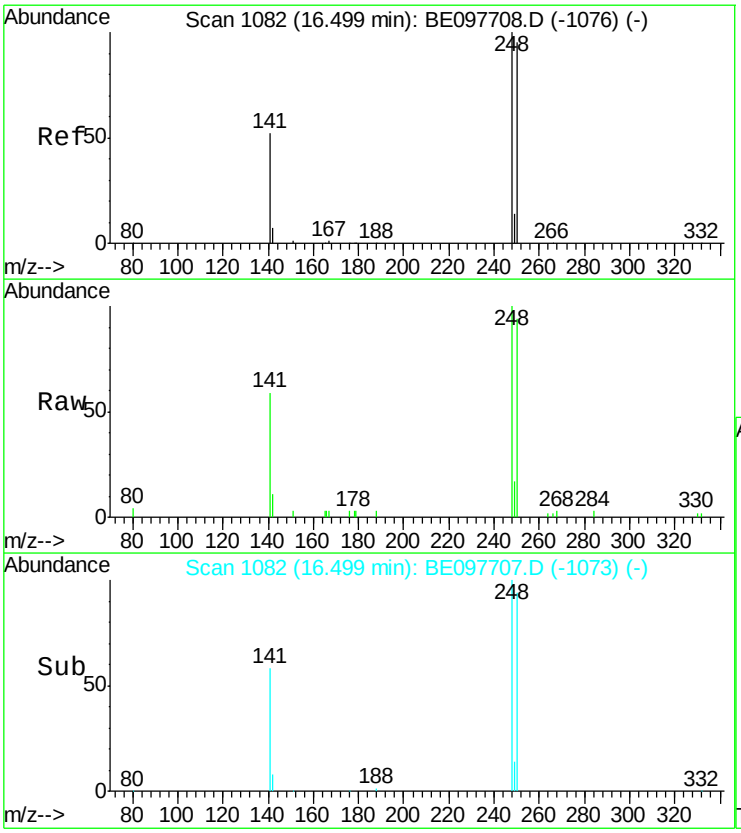
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 32037

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.6	9.8

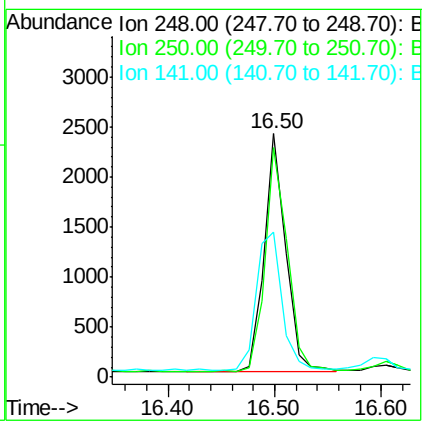


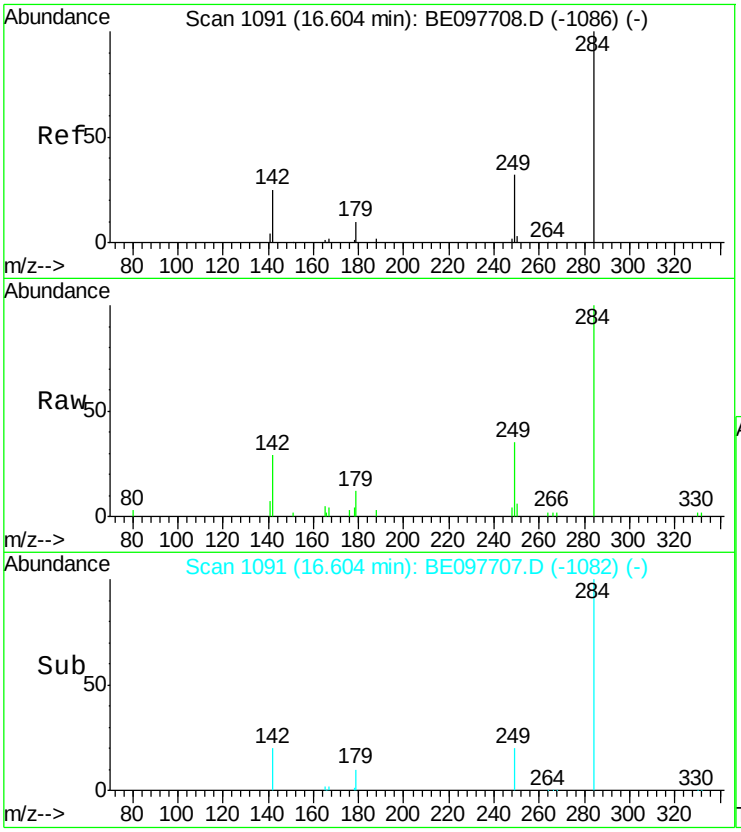


#20
4-Bromophenyl-phenylether
Concen: 0.208 ng
RT: 16.50 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:248 Resp: 3402

Ion	Ratio	Lower	Upper
248	100		
250	94.4	76.1	114.1
141	59.4	42.2	63.4



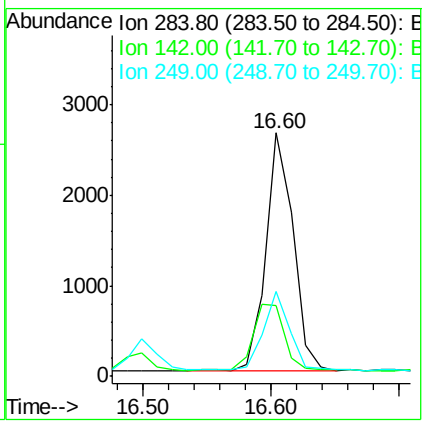


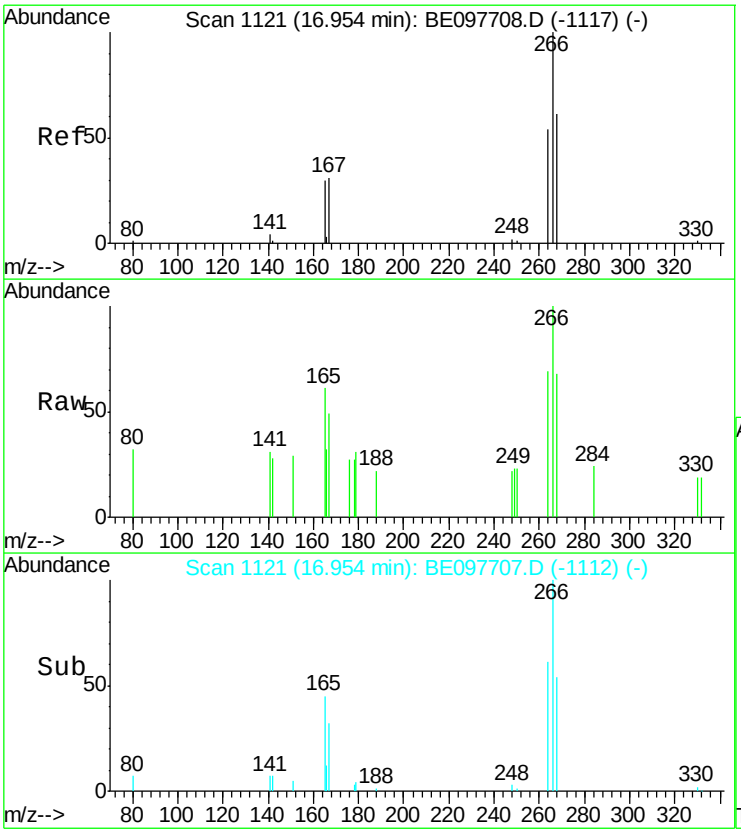
#21
Hexachlorobenzene
Concen: 0.216 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 3968

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.9	37.3
249	31.0	25.8	38.8

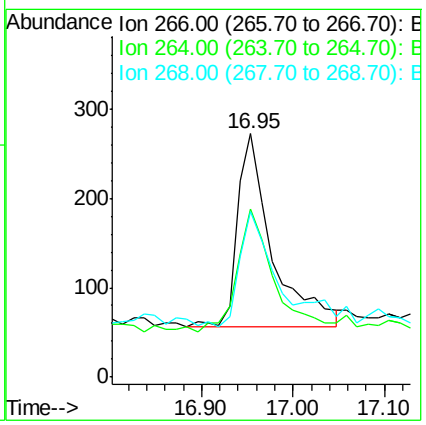


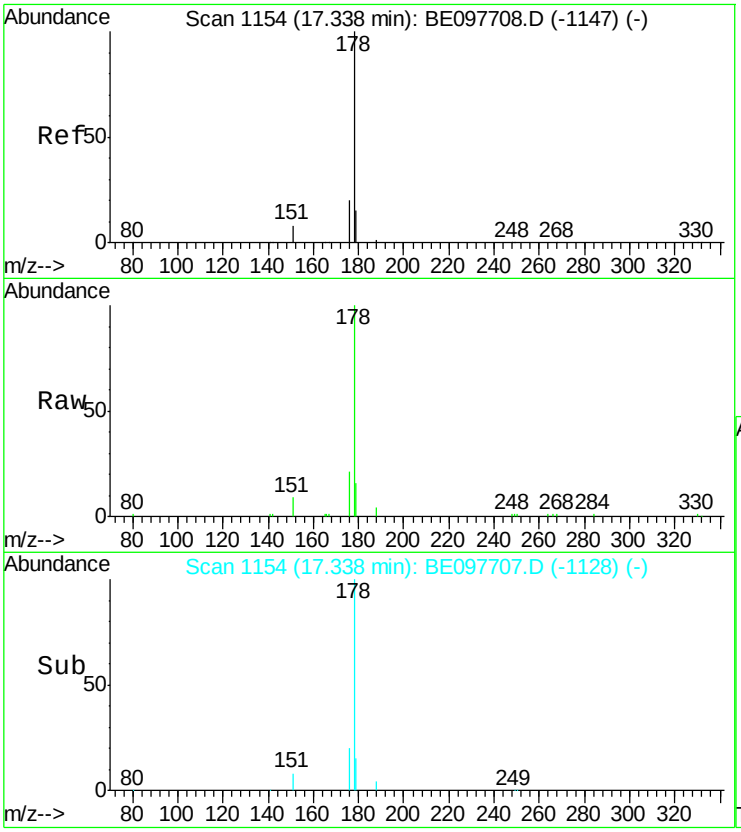


#22
Pentachlorophenol
Concen: 0.134 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:266 Resp: 565

Ion	Ratio	Lower	Upper
266	100		
264	69.1	46.8	70.2
268	68.0	53.0	79.6



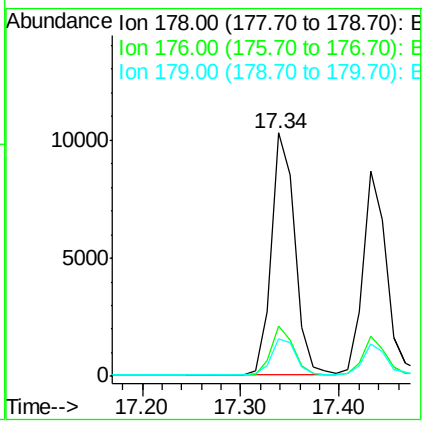


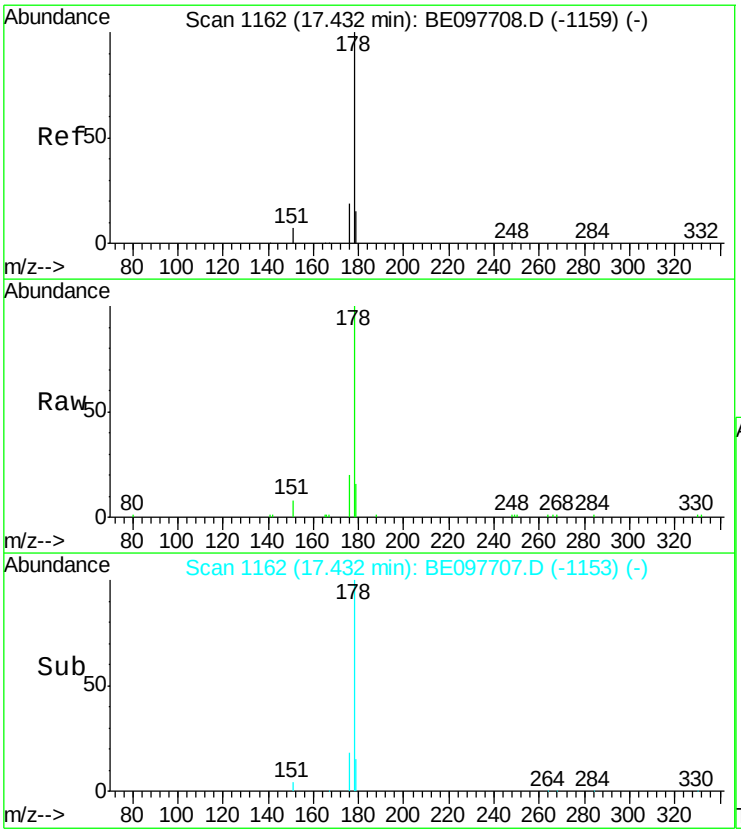
#23
Phenanthrene
Concen: 0.203 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 16851

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.2	18.4

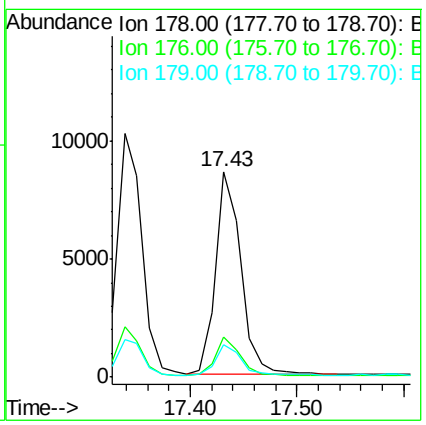


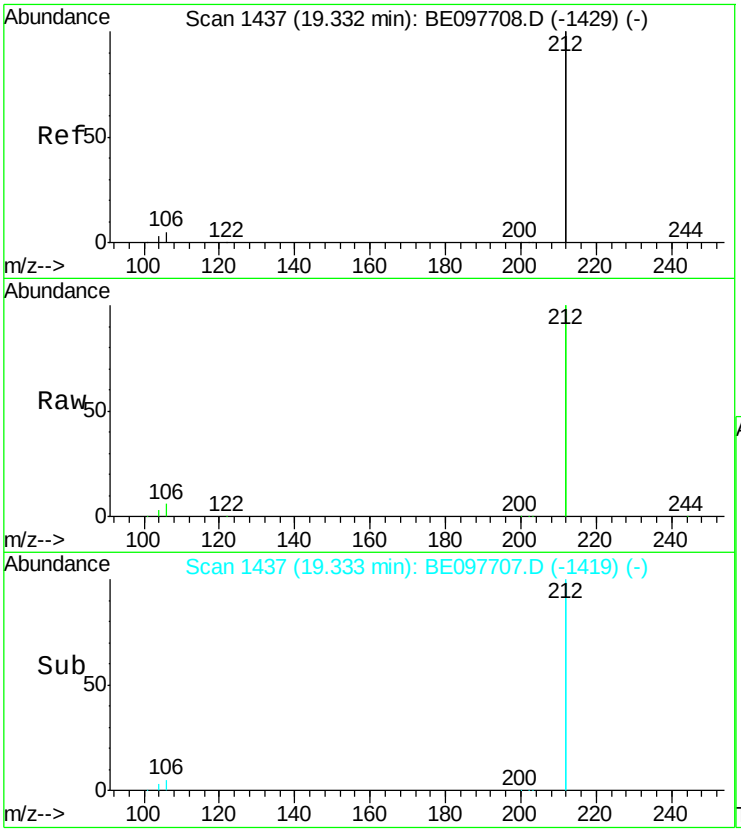


#24
Anthracene
Concen: 0.206 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:178 Resp: 14008

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.5	12.2	18.2



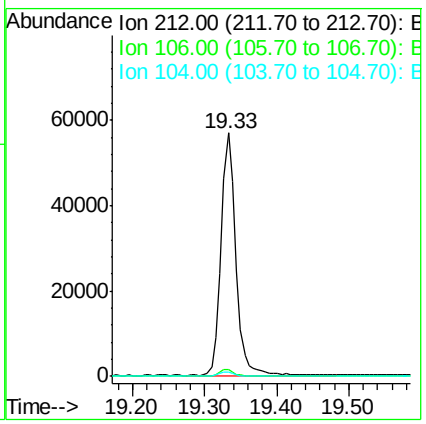


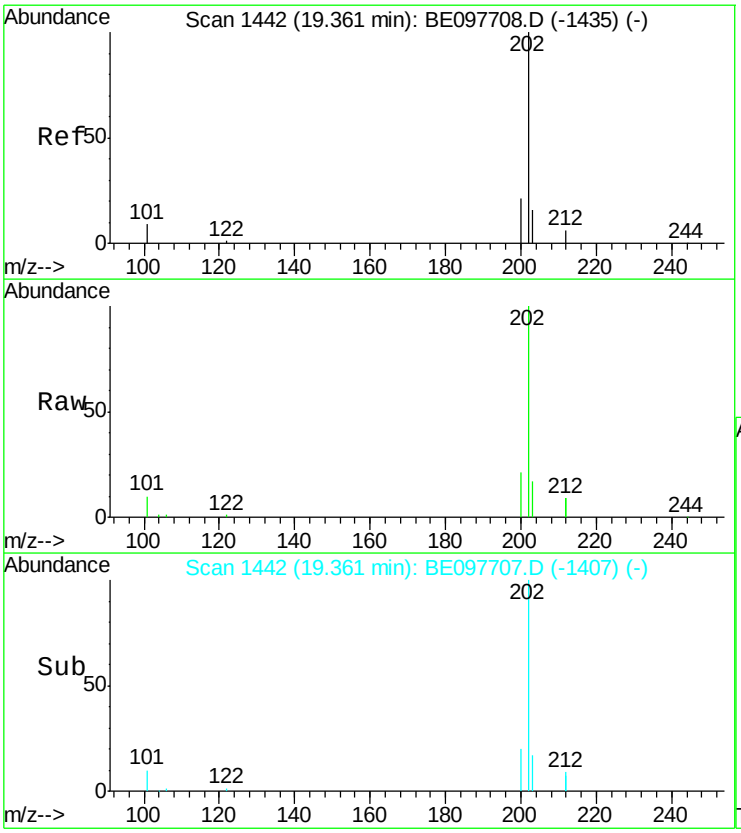
#25
Fluoranthene-d10
Concen: 0.208 ng
RT: 19.33 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 80654

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.2	1.8

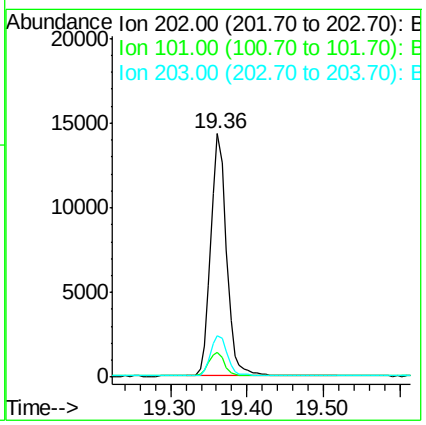


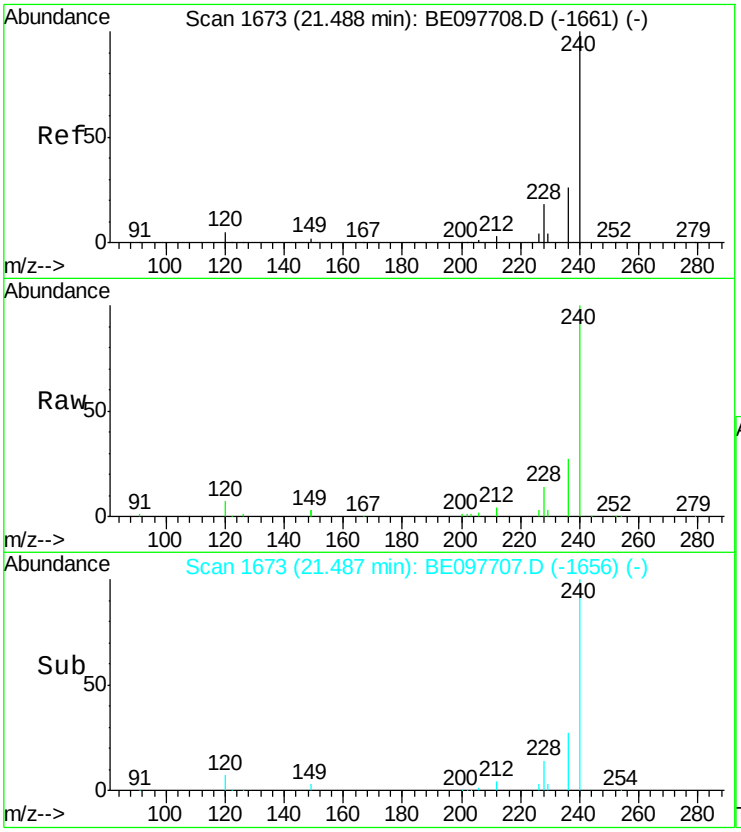


#26
Fluoranthene
Concen: 0.199 ng
RT: 19.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:202 Resp: 20491

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
203	17.4	13.8	20.6



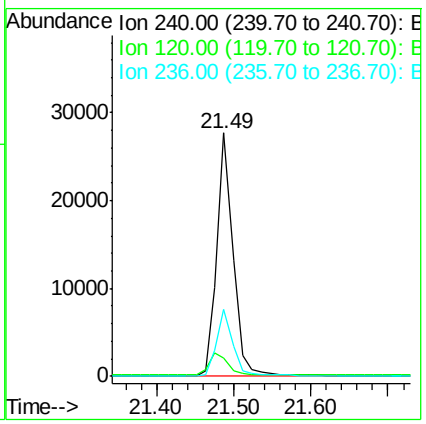


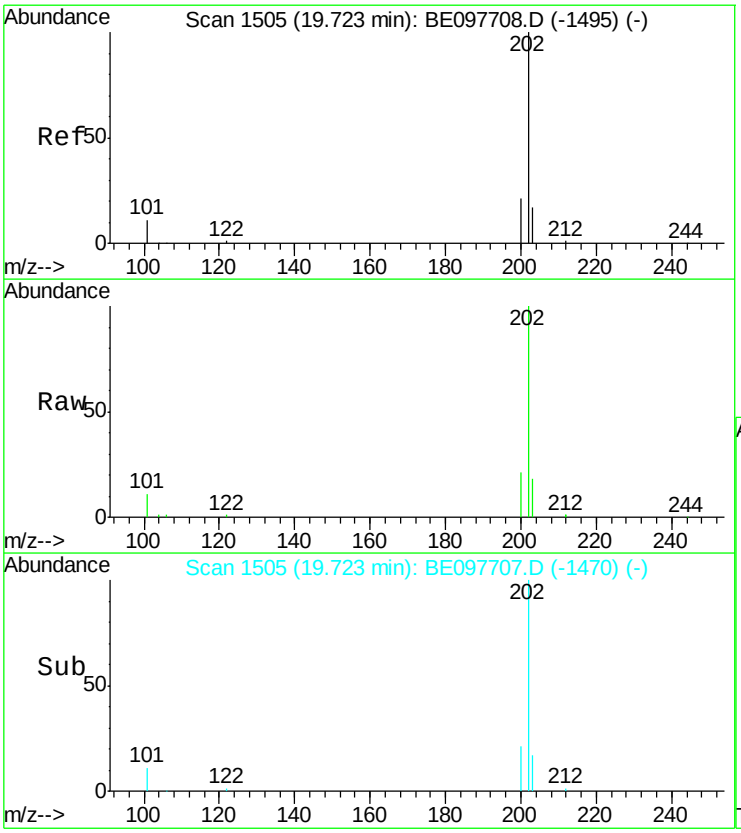
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 40597

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.7	7.1#
236	27.4	20.8	31.2

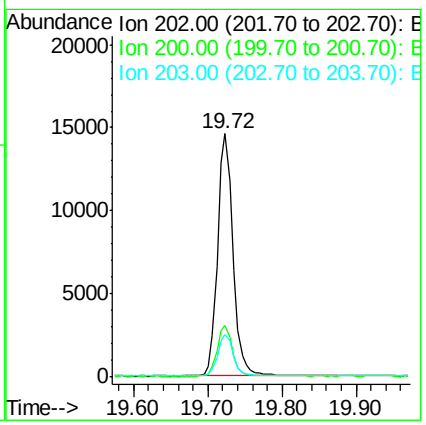


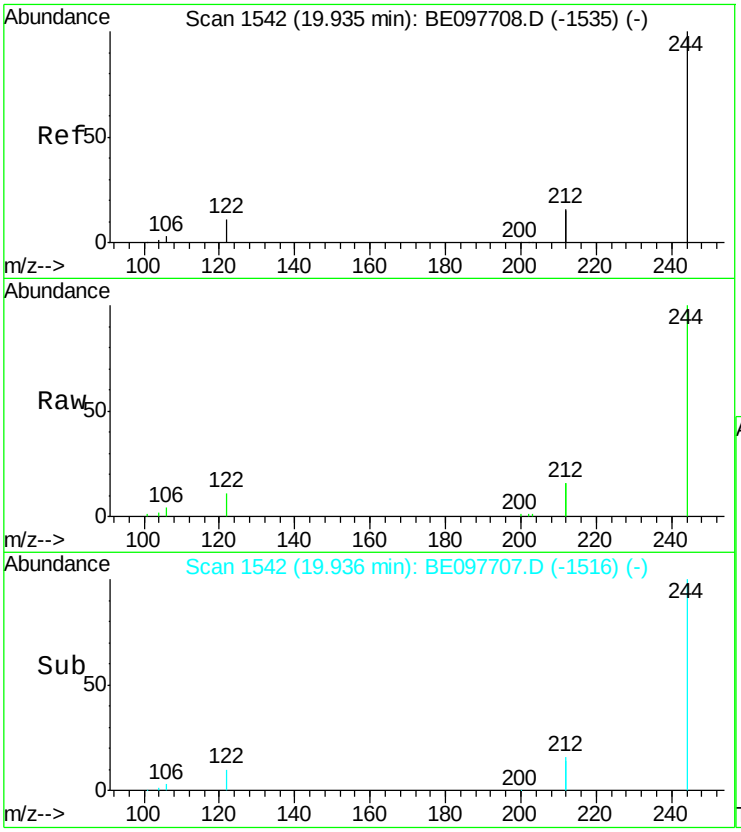


#28
Pyrene
Concen: 0.200 ng
RT: 19.72 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:202 Resp: 21164

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.3	13.9	20.9



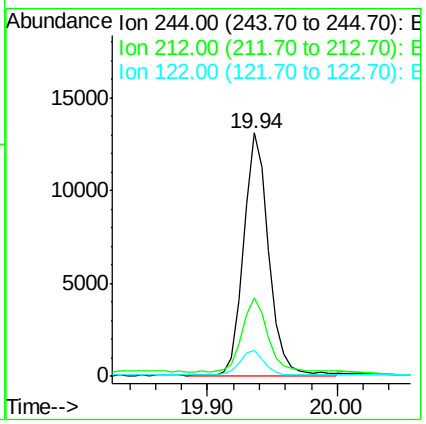


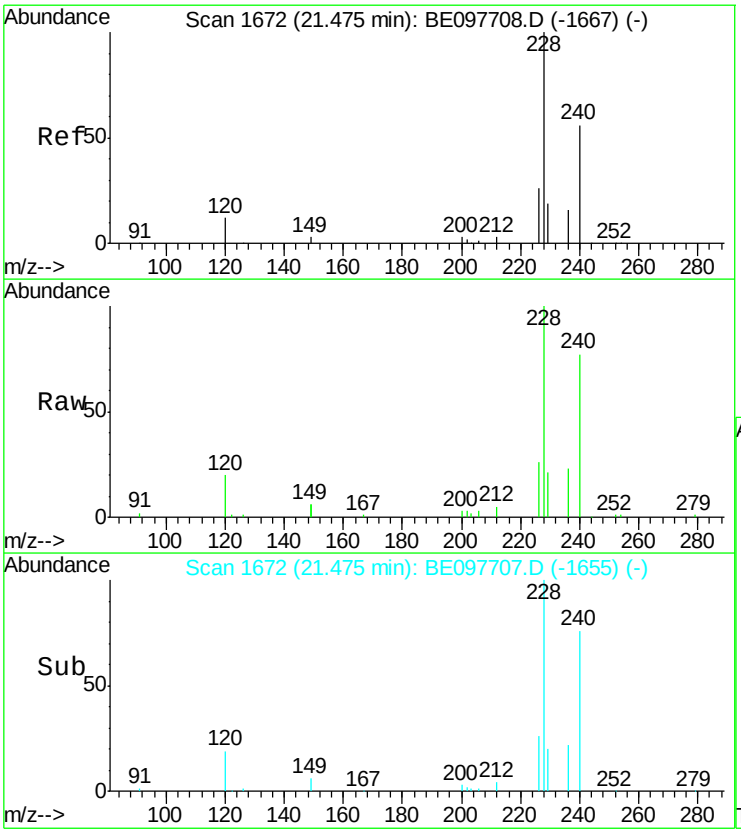
#29
Terphenyl-d14
Concen: 0.199 ng
RT: 19.94 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 17489

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.8	38.8
122	10.8	8.7	13.1

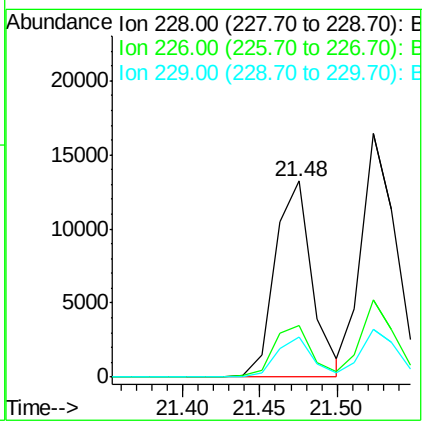


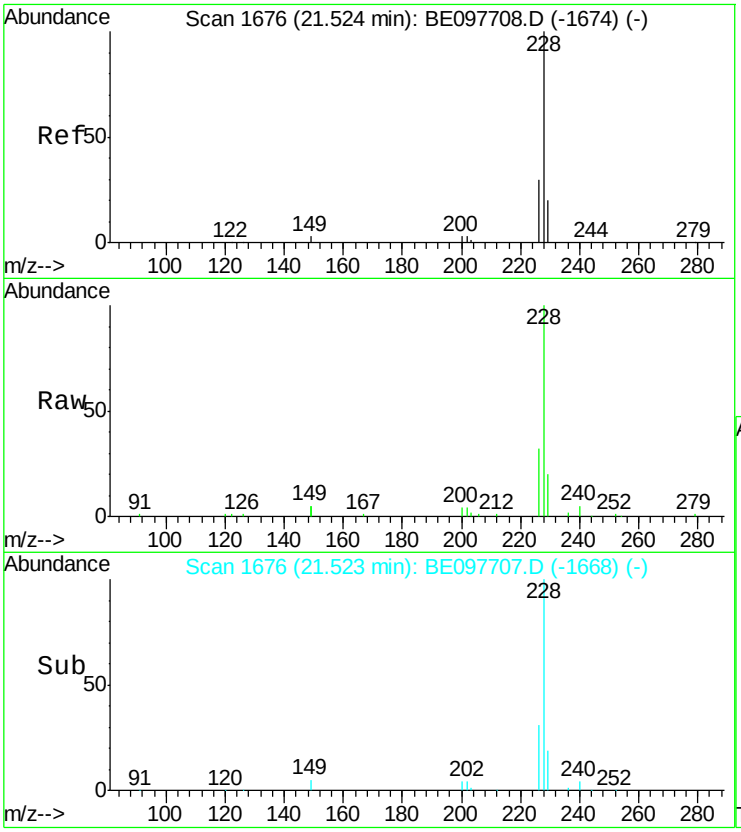


#30
Benzo(a)anthracene
Concen: 0.218 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:228 Resp: 21866

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	20.6	15.7	23.5



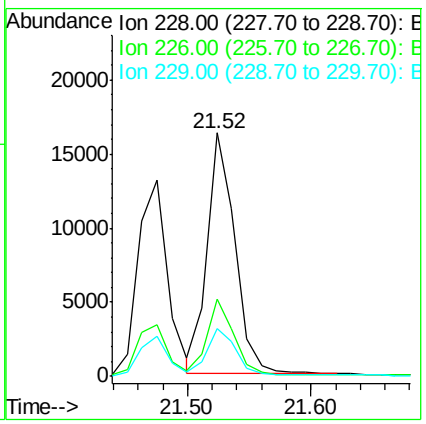


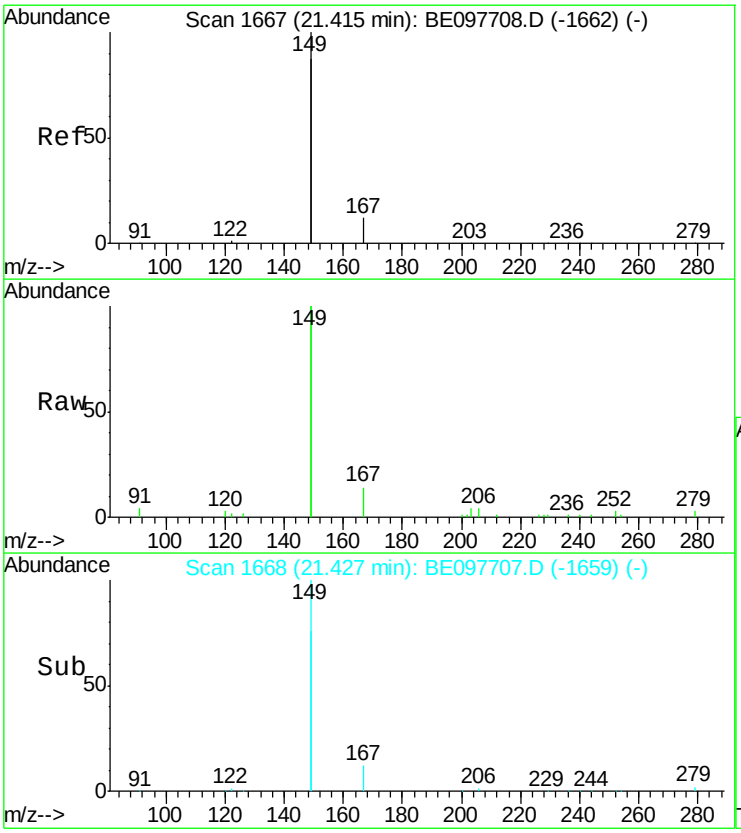
#31
Chrysene
Concen: 0.204 ng
RT: 21.52 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 25611

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	19.8	16.0	24.0

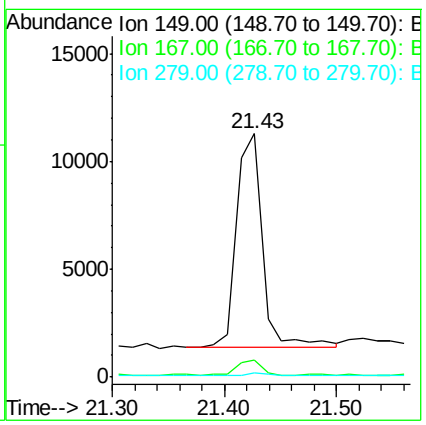


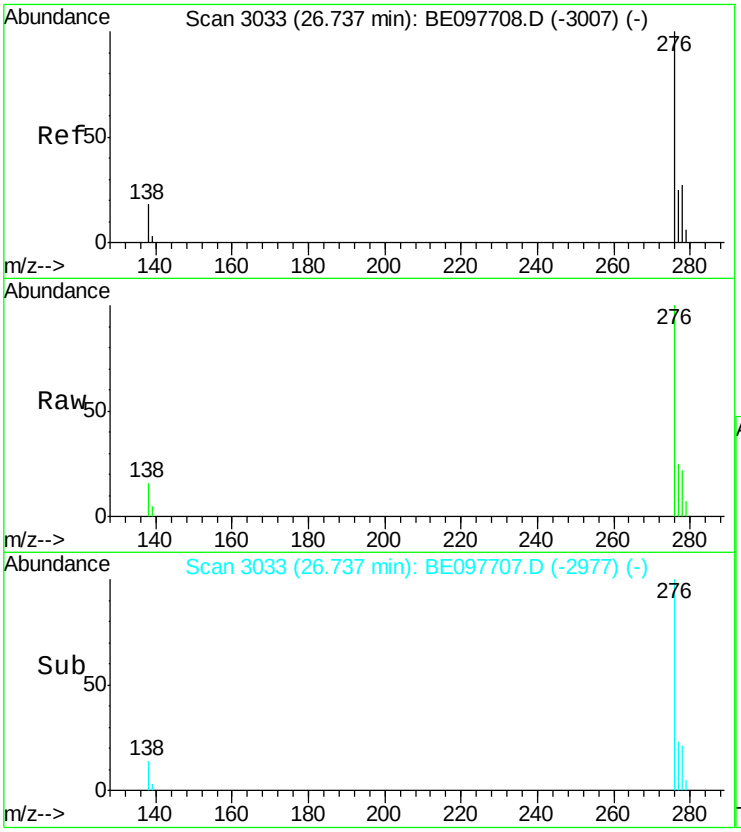


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:149 Resp: 16084

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.2	0.9	1.3



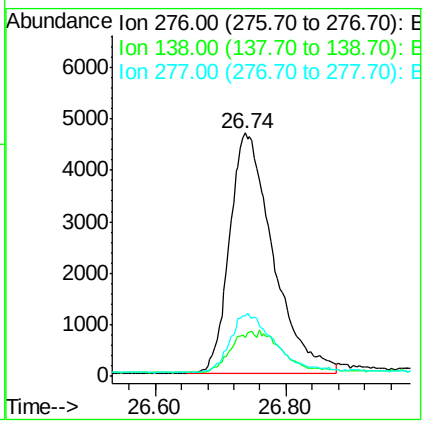


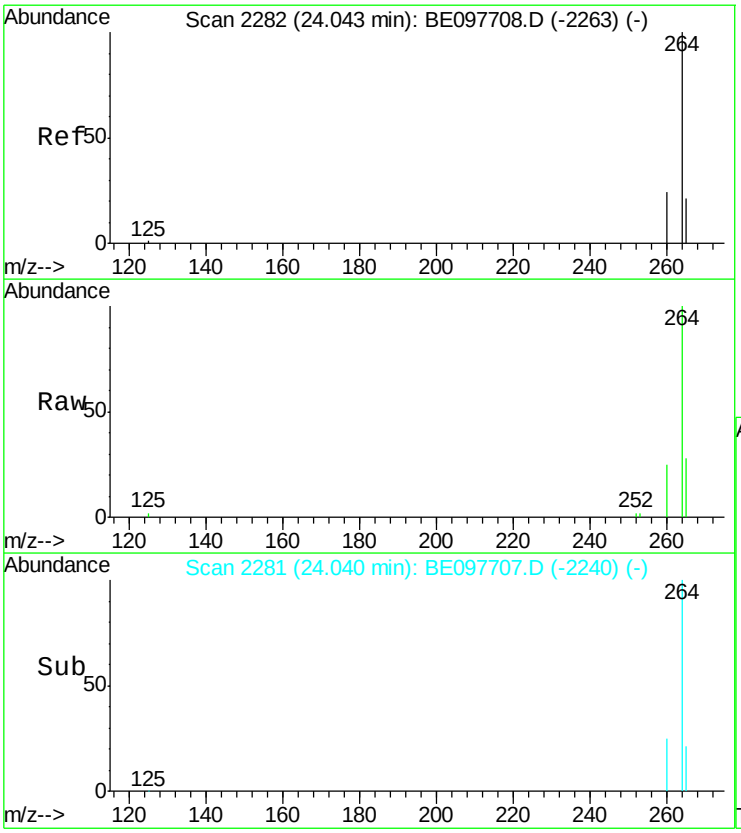
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 21610

Ion	Ratio	Lower	Upper
276	100		
138	10.0	15.0	22.6#
277	24.7	19.2	28.8

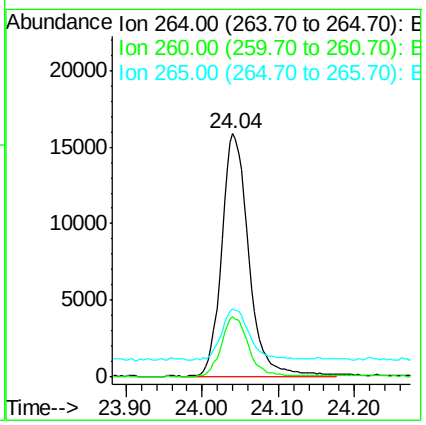


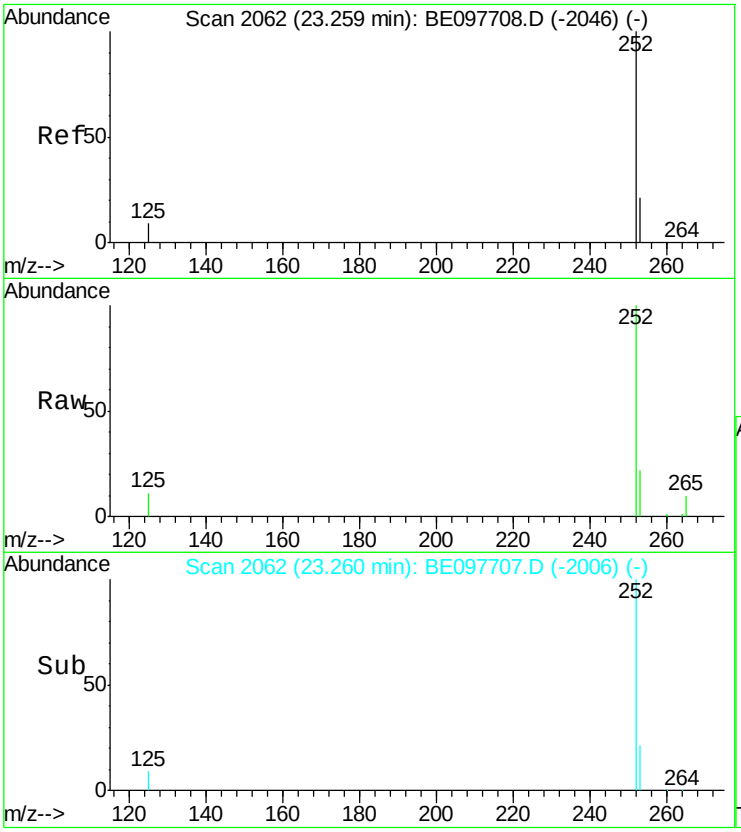


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.04 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:264 Resp: 38961

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	28.0	21.9	32.9



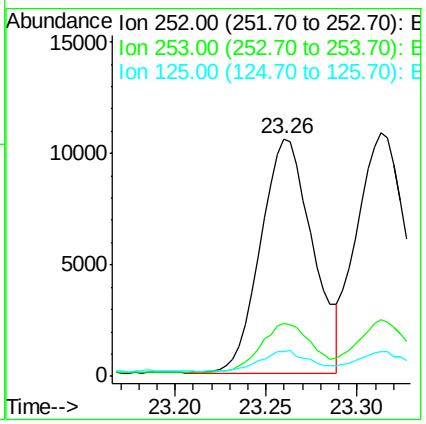


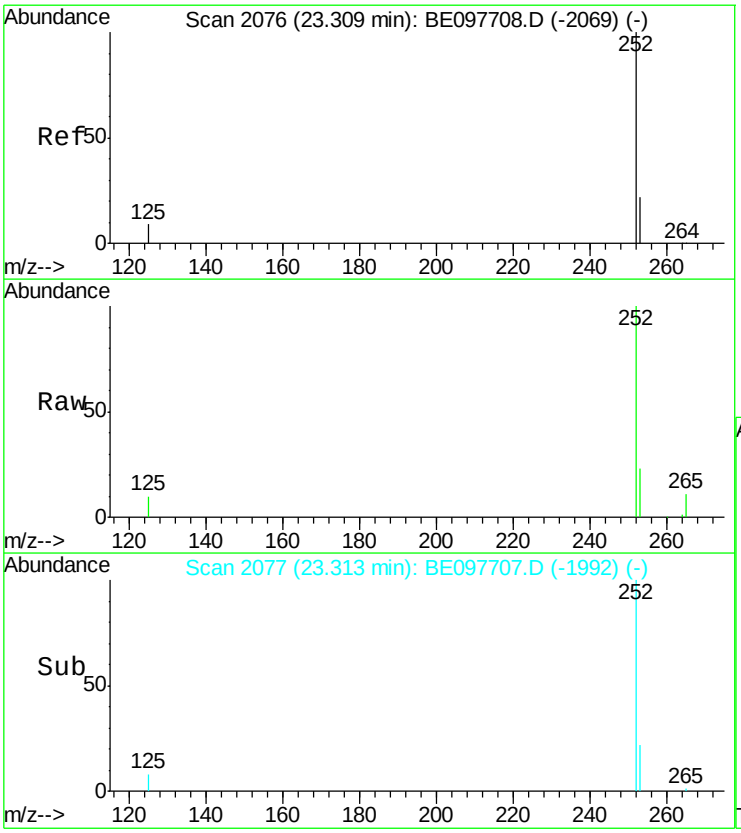
#35
Benzo(b)fluoranthene
Concen: 0.185 ng
RT: 23.26 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 20850

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	7.8	11.8

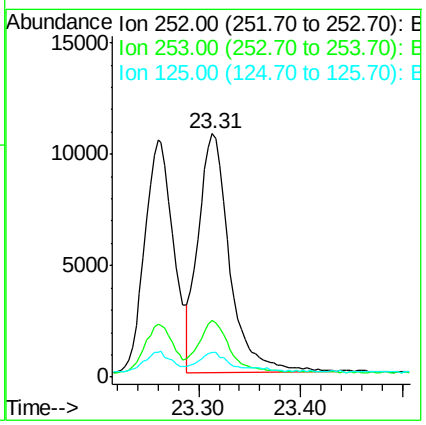


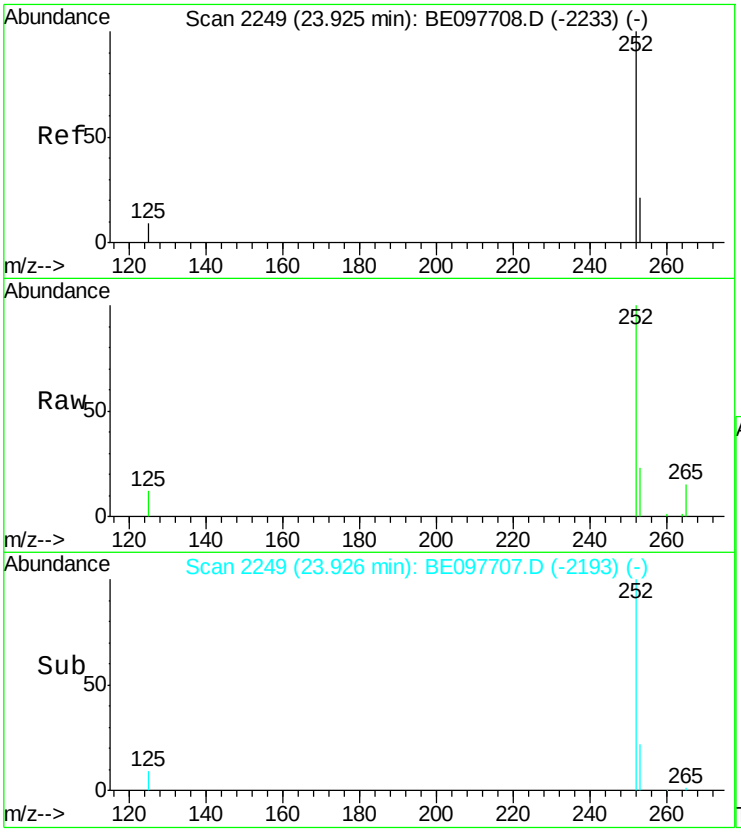


#36
Benzo(k)fluoranthene
Concen: 0.175 ng
RT: 23.31 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:252 Resp: 22688

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.9	7.5	11.3



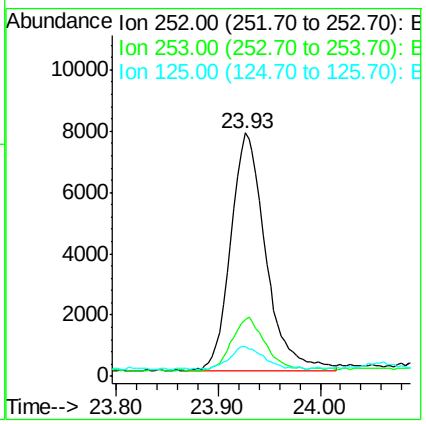


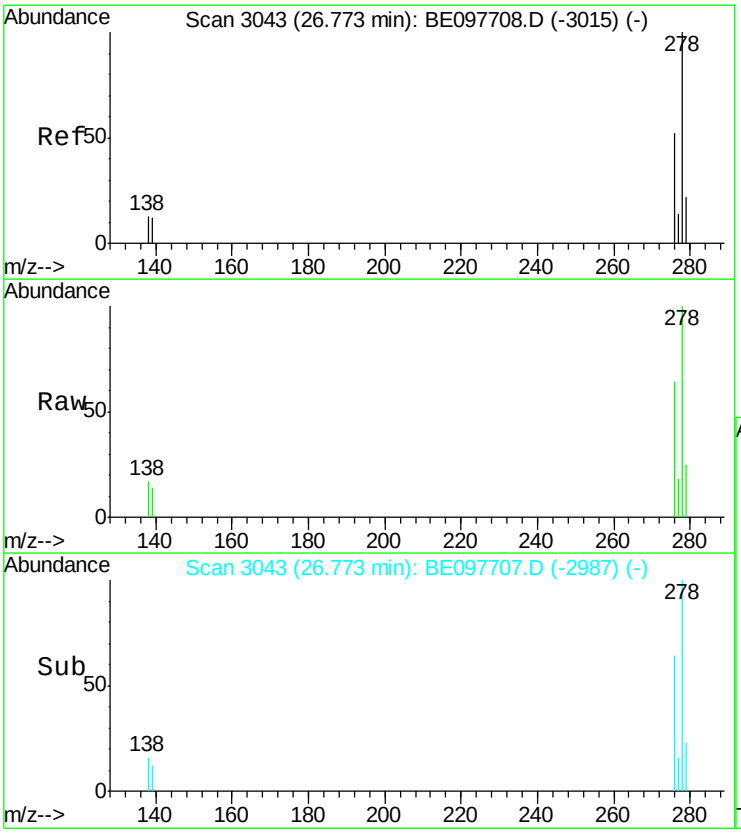
#37
Benzo(a)pyrene
Concen: 0.172 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 18576

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	12.2	8.3	12.5

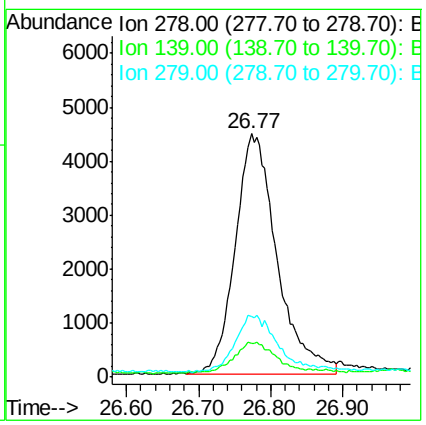


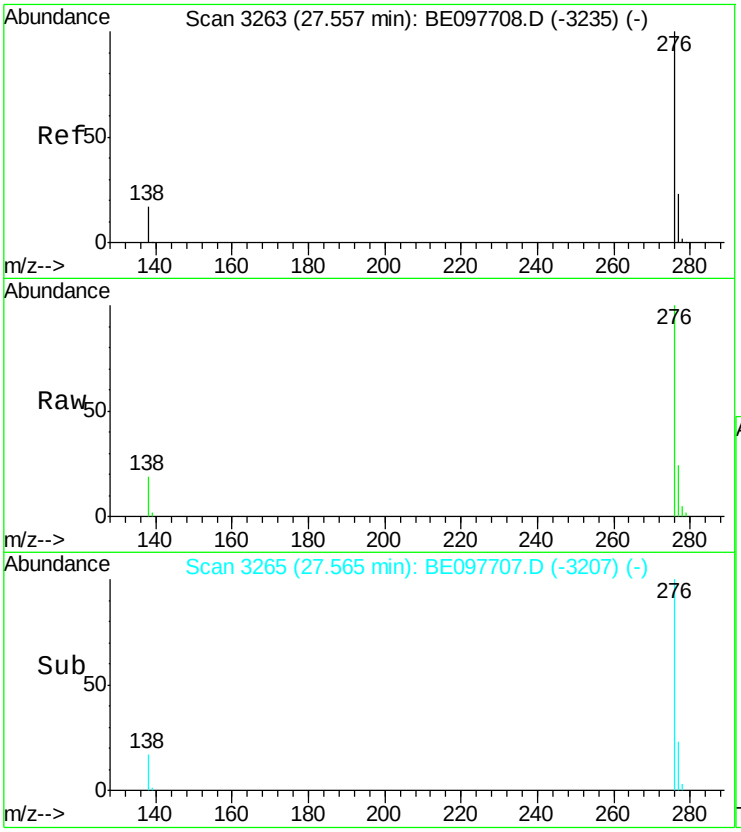


#38
Dibenzo(a,h)anthracene
Concen: 0.149 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Tgt Ion:278 Resp: 17501

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.3	15.5
279	25.1	18.4	27.6





#39
Benzo(g,h,i)perylene
Concen: 0.161 ng
RT: 27.56 min Scan# 3265
Delta R.T. 0.01 min
Lab File: BE097707.D
Acq: 3 Oct 2018 9:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 19104

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	18.7	14.2	21.2