Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097986.D
Acq On : 19 Oct 2018 10:20
Operator : SJ/JU
Sample : PB113752BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 23:28:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2601	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	10763	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	6353	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	15792	0.40	ng		-0.01
27) Chrysene-d12	21.48	240	24563	0.40	ng		-0.01
34) Perylene-d12	24.03	264	24094	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2253	0.27	ng		0.00
5) Phenol-d6	7.06	99	3265	0.27	ng		0.00
8) Nitrobenzene-d5	9.03	82	2574	0.25	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5354	0.30	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	826	0.24	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	6394	0.25	ng		-0.01
25) Fluoranthene-d10	19.32	212	61766	0.29	ng		-0.01
29) Terphenyl-d14	19.92	244	17632	0.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1242	0.274	ng	#	77
3) n-Nitrosodimethylamine	3.69	42	1339	0.264	ng	#	97
6) bis(2-Chloroethyl)ether	7.30	93	2207	0.214	ng		92
9) Naphthalene	10.73	128	28748	0.268	ng		100
10) Hexachlorobutadiene	11.02	225	1455	0.252	ng		99
12) 2-Methylnaphthalene	12.35	142	4863	0.265	ng		97
16) Acenaphthylene	14.27	152	7568	0.258	ng		98
17) Acenaphthene	14.62	154	4415	0.246	ng		99
18) Fluorene	15.59	166	5997	0.243	ng		99
20) 4-Bromophenyl-phenylether	16.49	248	1993	0.231	ng	#	79
21) Hexachlorobenzene	16.60	284	2078	0.245	ng		97
22) Pentachlorophenol	16.95	266	1271	0.579	ng		96
23) Phenanthrene	17.34	178	10261	0.256	ng		100
24) Anthracene	17.42	178	9911	0.261	ng		99
26) Fluoranthene	19.35	202	15743	0.299	ng		97
28) Pyrene	19.71	202	16766	0.237	ng		99
30) Benzo(a)anthracene	21.46	228	19986	0.265	ng		97
31) Chrysene	21.51	228	18825	0.264	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	44094	0.193	ng		99
33) Indeno(1,2,3-cd)pyrene	26.72	276	20869	0.210	ng		99
35) Benzo(b)fluoranthene	23.25	252	18562	0.268	ng		96
36) Benzo(k)fluoranthene	23.30	252	18916	0.262	ng		97
37) Benzo(a)pyrene	23.91	252	18311	0.271	ng		98
38) Dibenzo(a,h)anthracene	26.75	278	17278	0.261	ng		99
39) Benzo(g,h,i)perylene	27.55	276	17606	0.260	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097986.D
Acq On : 19 Oct 2018 10:20
Operator : SJ/JU
Sample : PB113752BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 23:28:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
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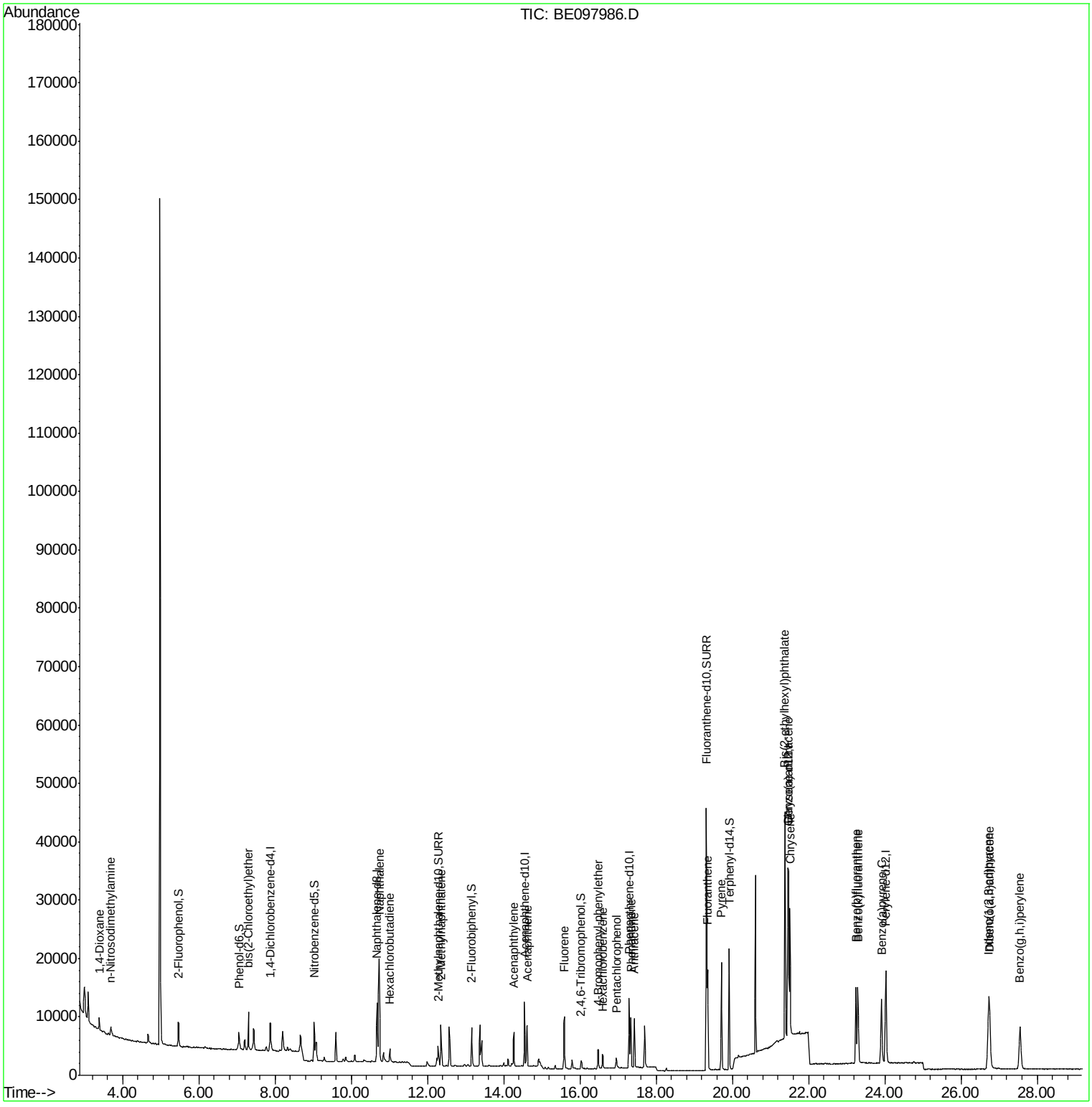
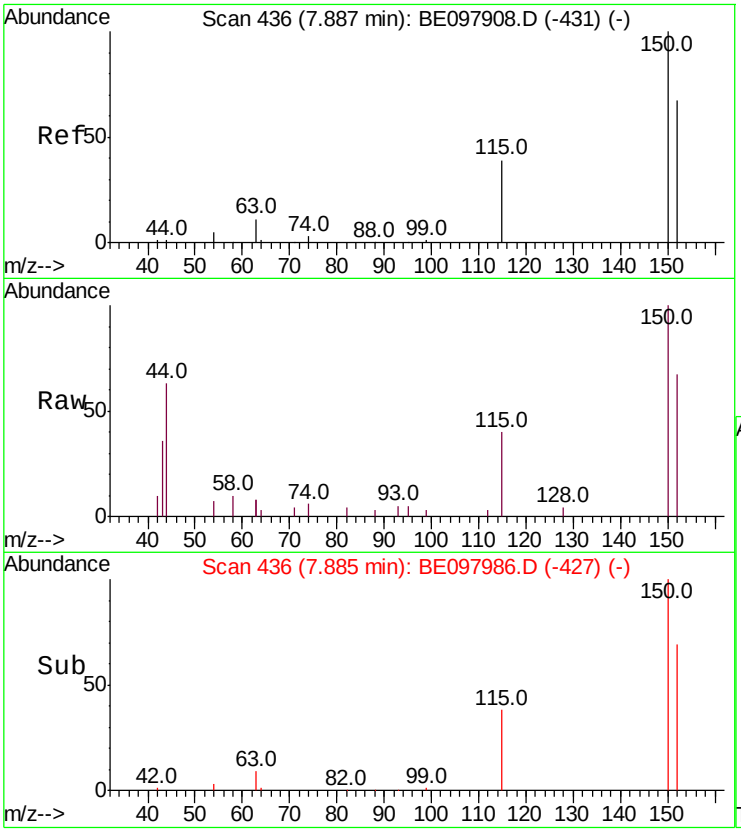


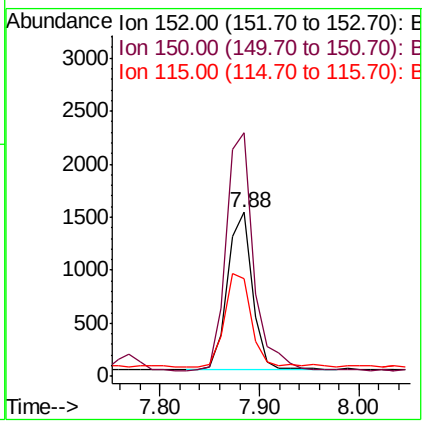


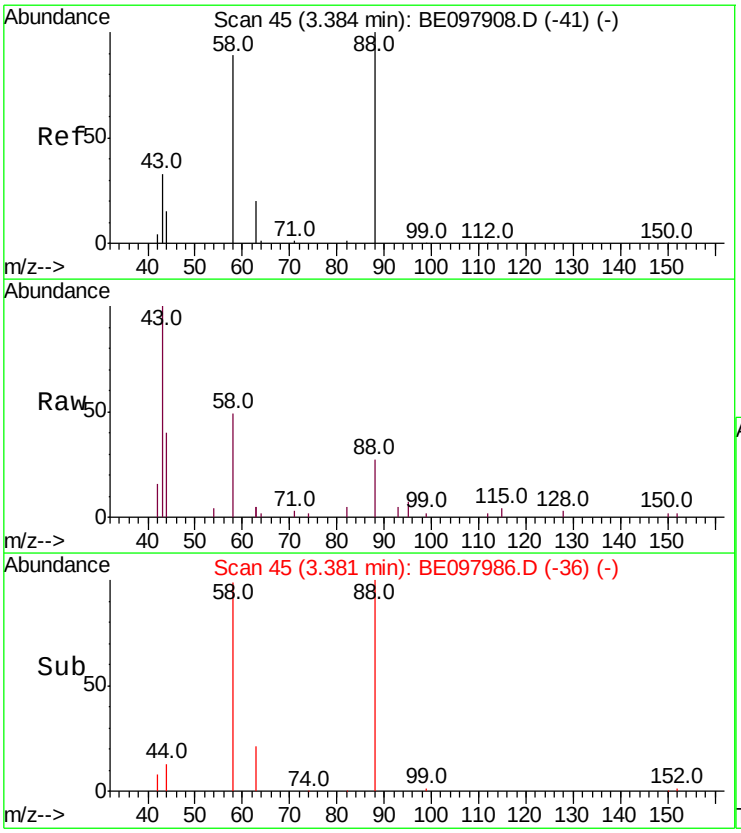
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2601

Ion	Ratio	Lower	Upper
152	100		
150	148.5	118.2	177.4
115	59.8	50.9	76.3

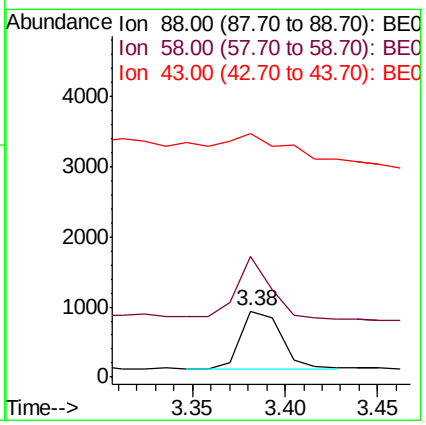


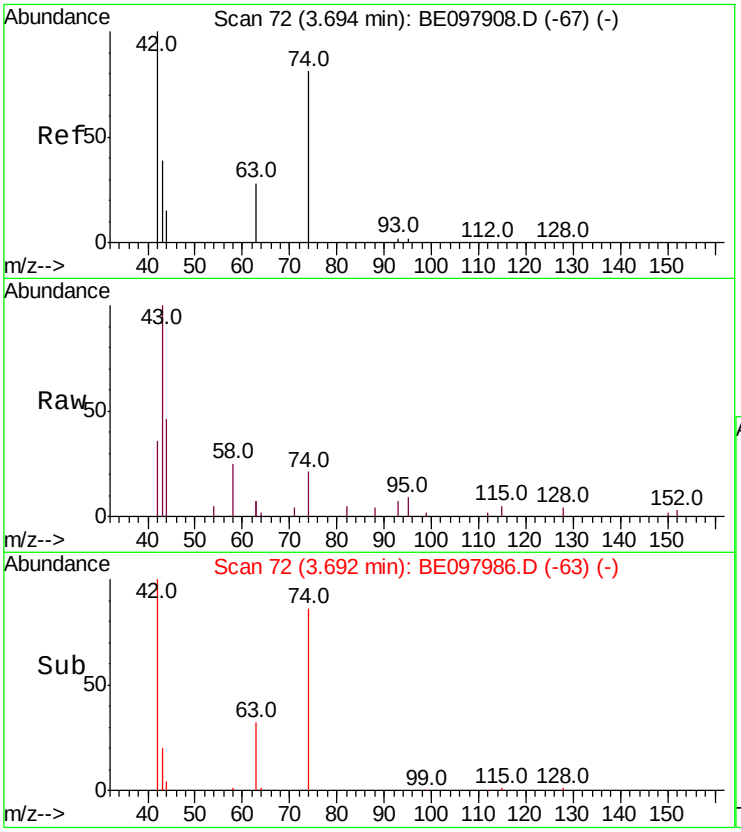


#2
1,4-Dioxane
Concen: 0.274 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion: 88 Resp: 1242

Ion	Ratio	Lower	Upper
88	100		
58	91.7	73.2	109.8
43	0.0	36.9	55.3#



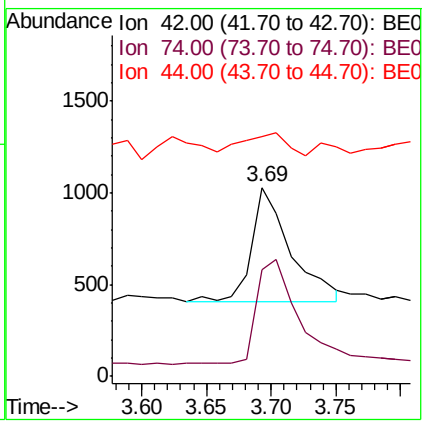


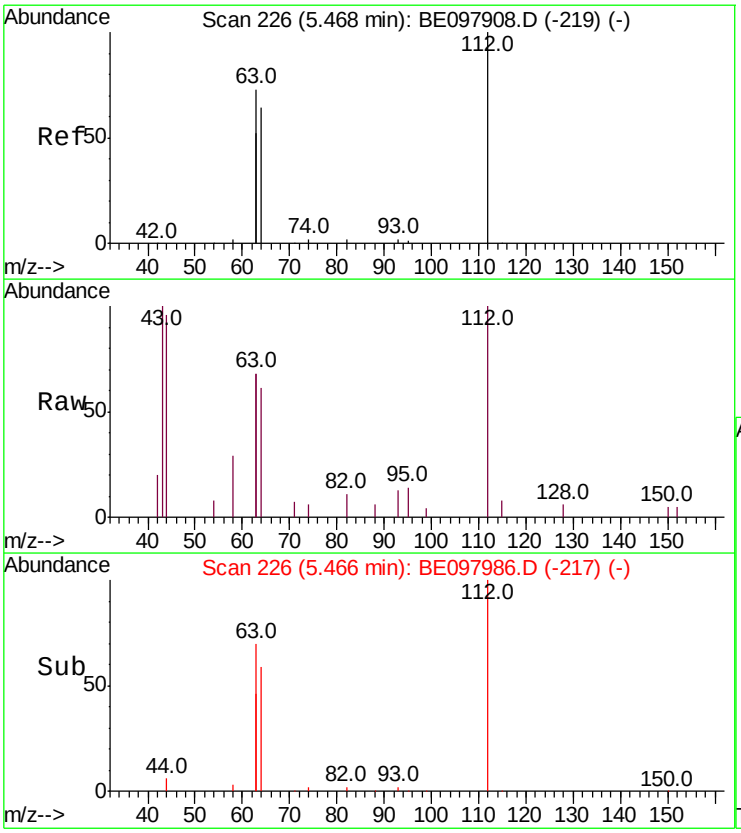
#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1339

Ion	Ratio	Lower	Upper
42	100		
74	96.8	77.6	116.4
44	21.3	7.6	11.4#

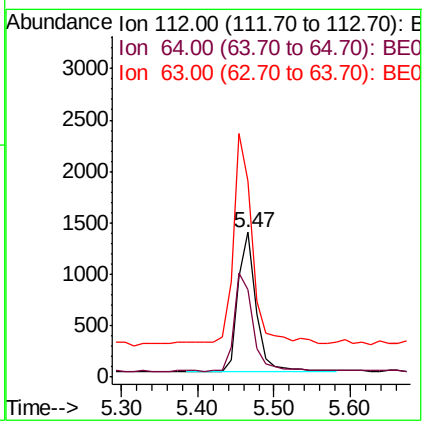


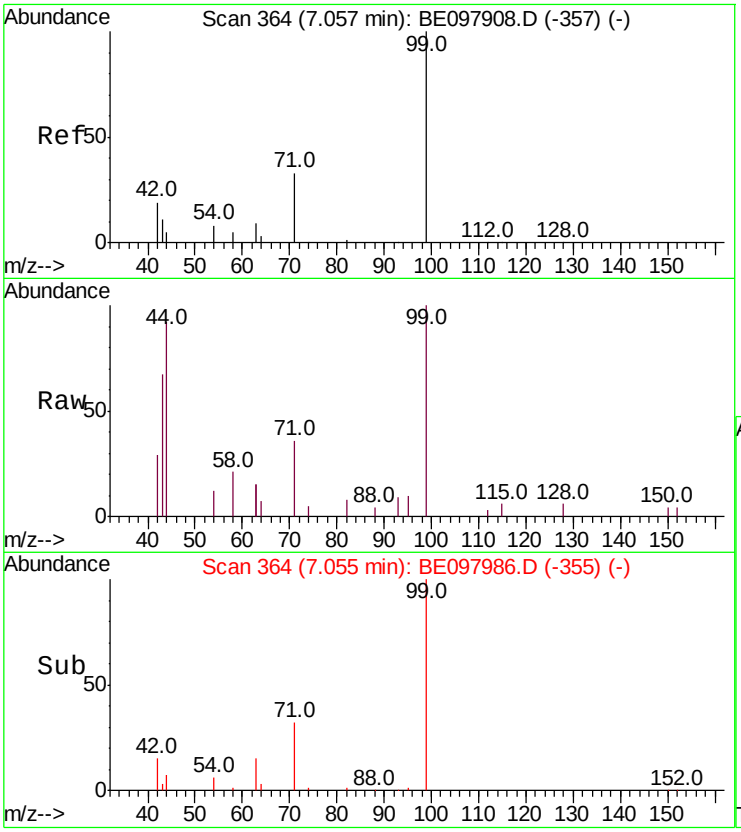


#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:112 Resp: 2253

Ion	Ratio	Lower	Upper
112	100		
64	74.7	58.9	88.3
63	155.6	120.3	180.5



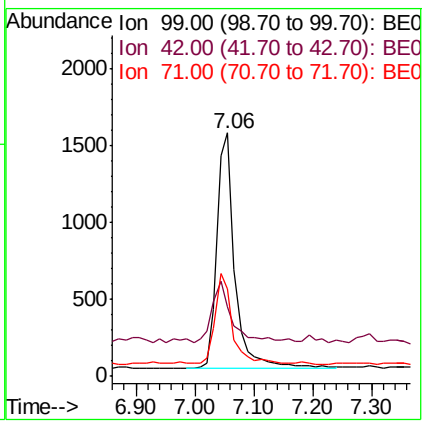


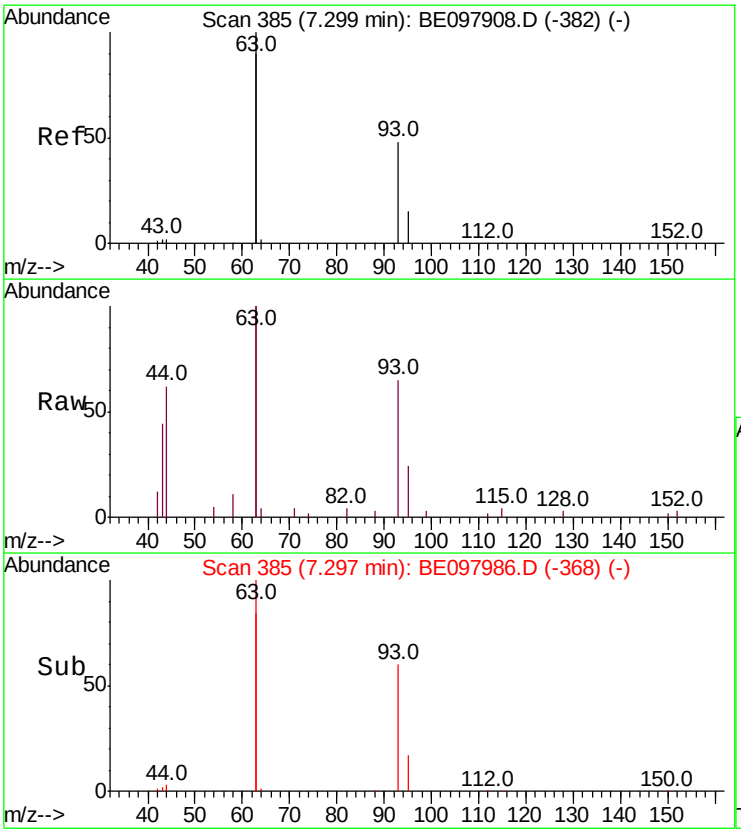
#5
Phenol-d6
Concen: 0.269 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3265

Ion	Ratio	Lower	Upper
99	100		
42	29.0	19.9	29.9
71	36.1	27.8	41.8

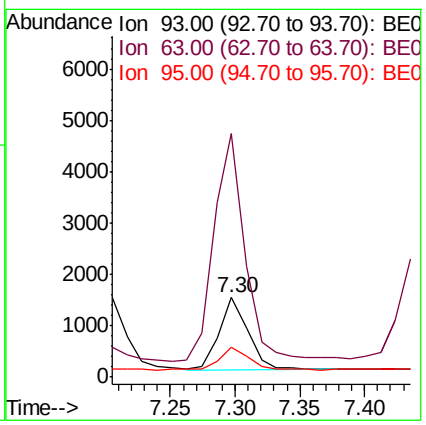


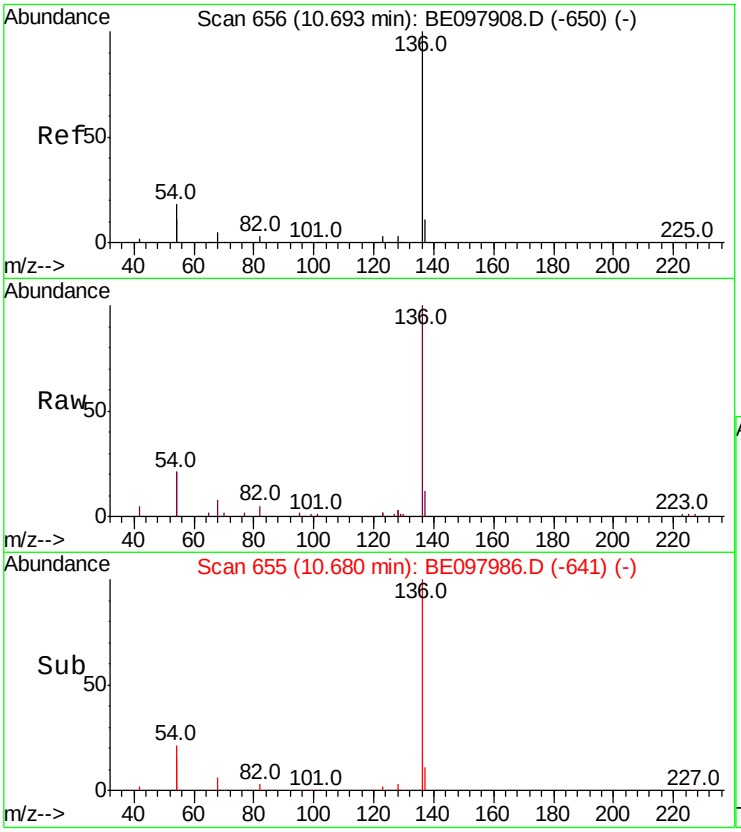


#6
bis(2-Chloroethyl)ether
Concen: 0.214 ng
RT: 7.30 min Scan# 385
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion: 93 Resp: 2207

Ion	Ratio	Lower	Upper
93	100		
63	340.5	259.0	388.4
95	32.1	27.8	41.8



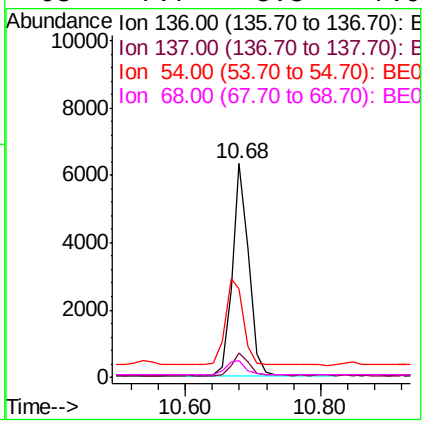


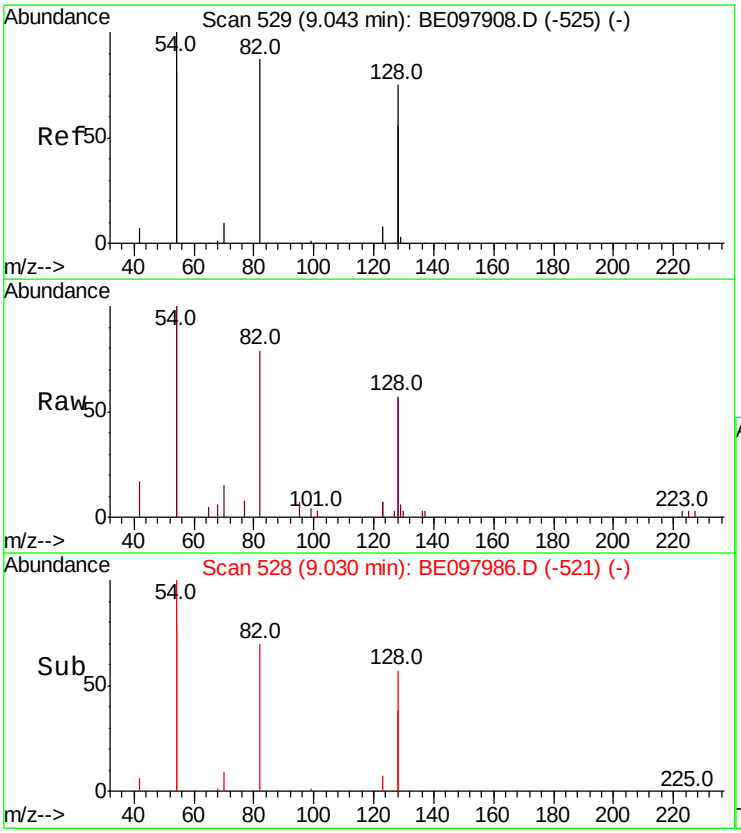
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10763

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	41.4	27.7	41.5
68	7.7	5.3	7.9

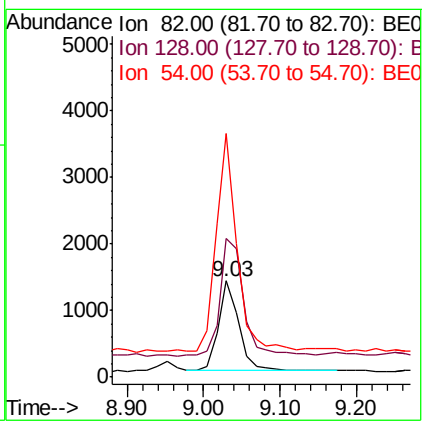


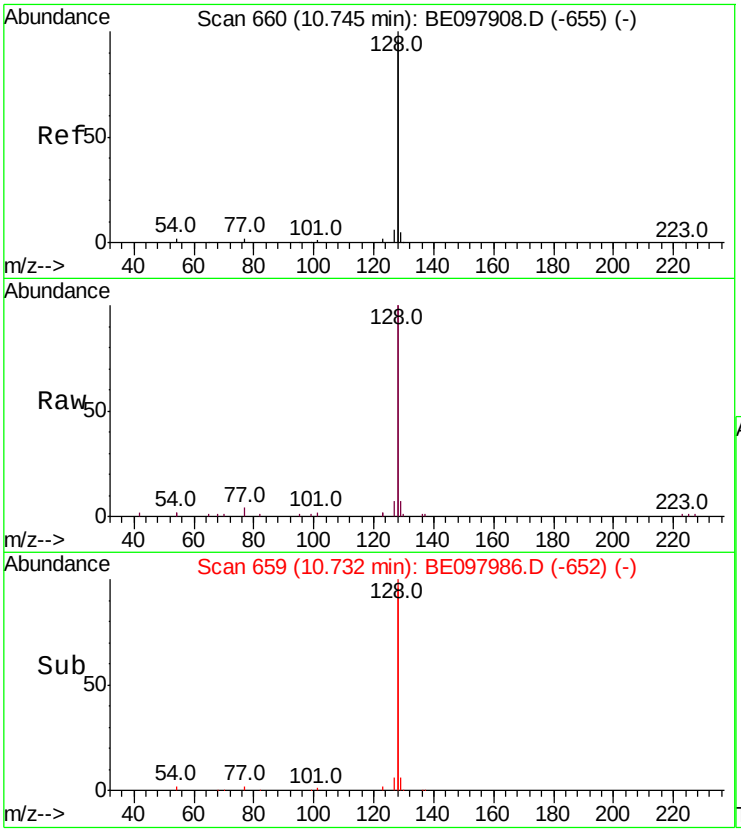


#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion: 82 Resp: 2574

Ion	Ratio	Lower	Upper
82	100		
128	144.3	129.9	194.9
54	254.2	174.0	261.0



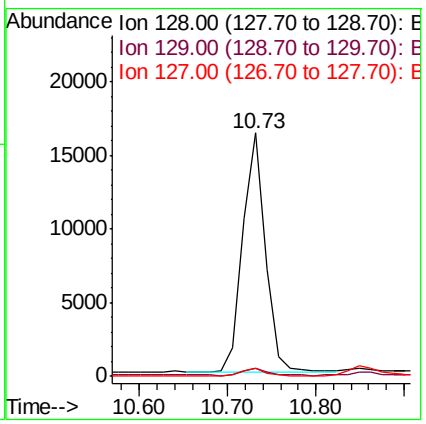


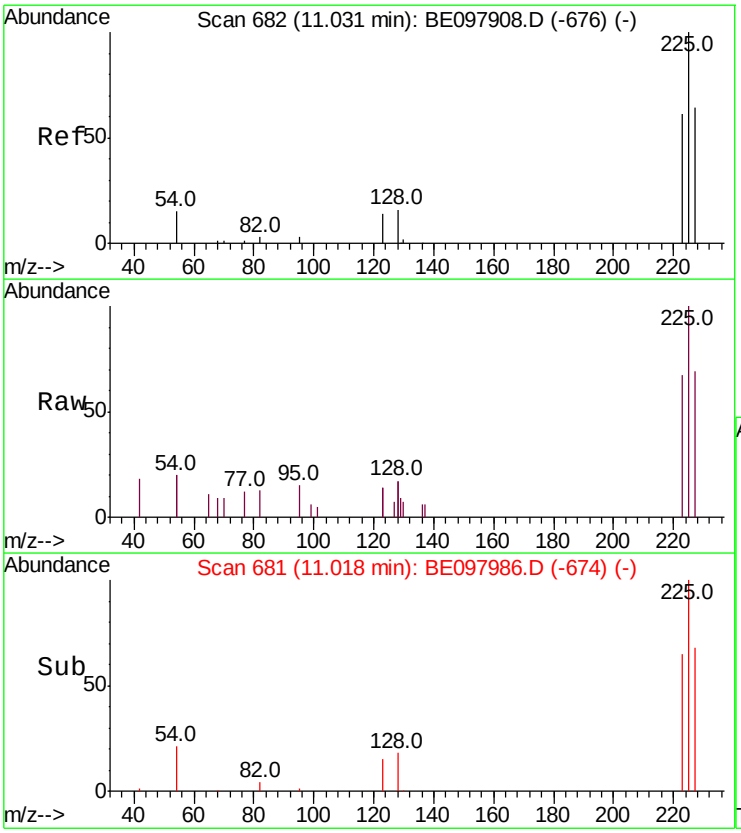
#9
Naphthalene
Concen: 0.268 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 28748

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.5	2.8	4.2

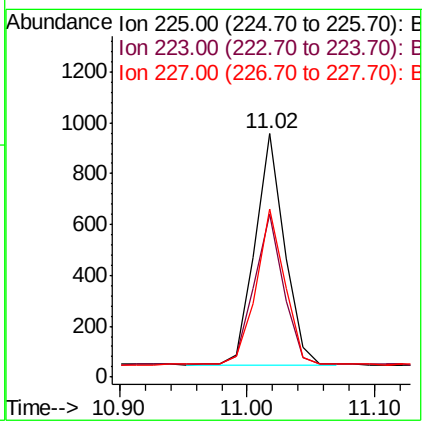


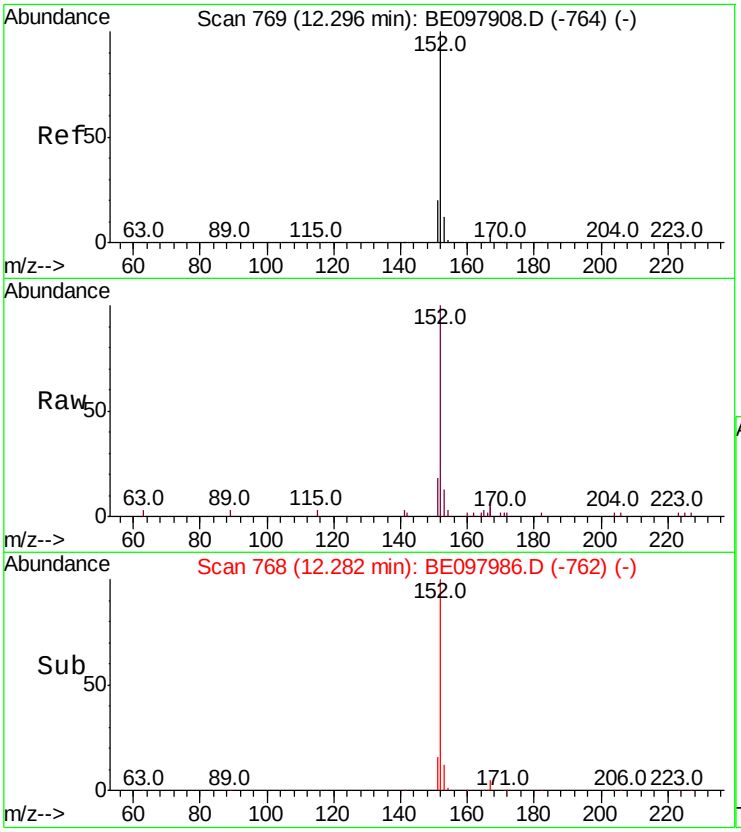


#10
Hexachlorobutadiene
Concen: 0.252 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:225 Resp: 1455

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.8	77.8
227	65.2	53.0	79.6



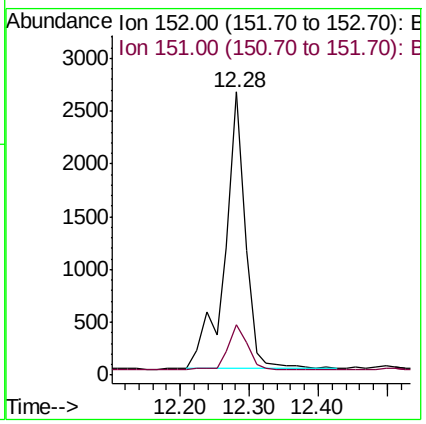


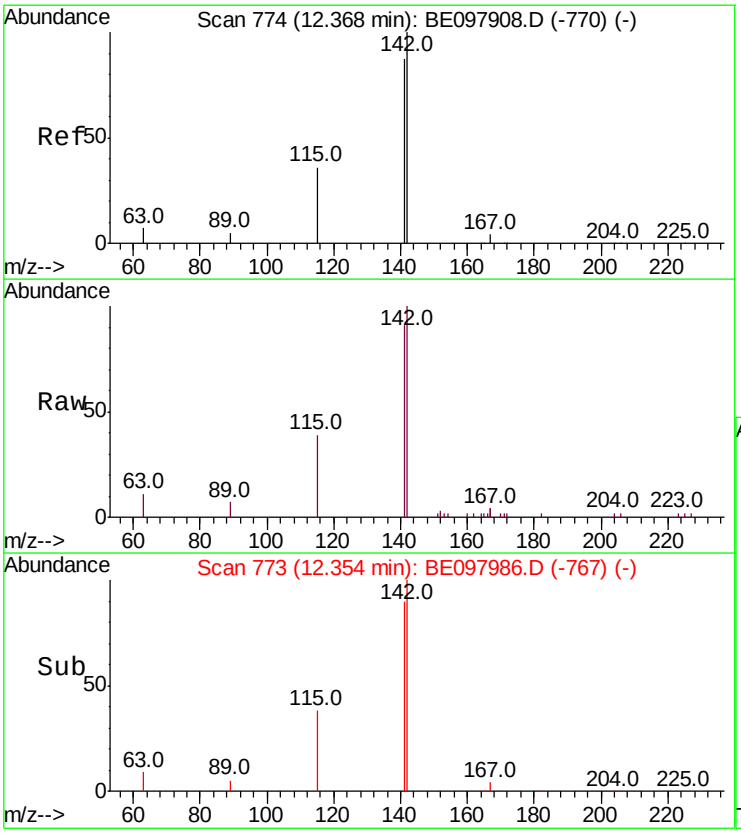
#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5354

Ion	Ratio	Lower	Upper
152	100		
151	15.0	16.2	24.4#

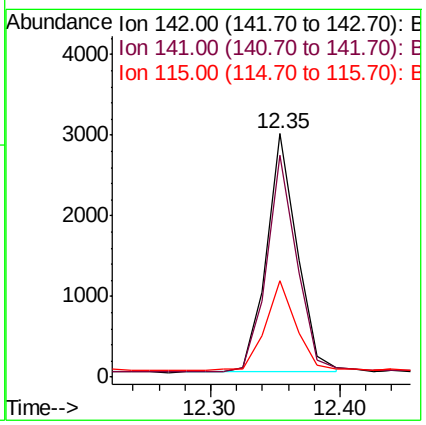


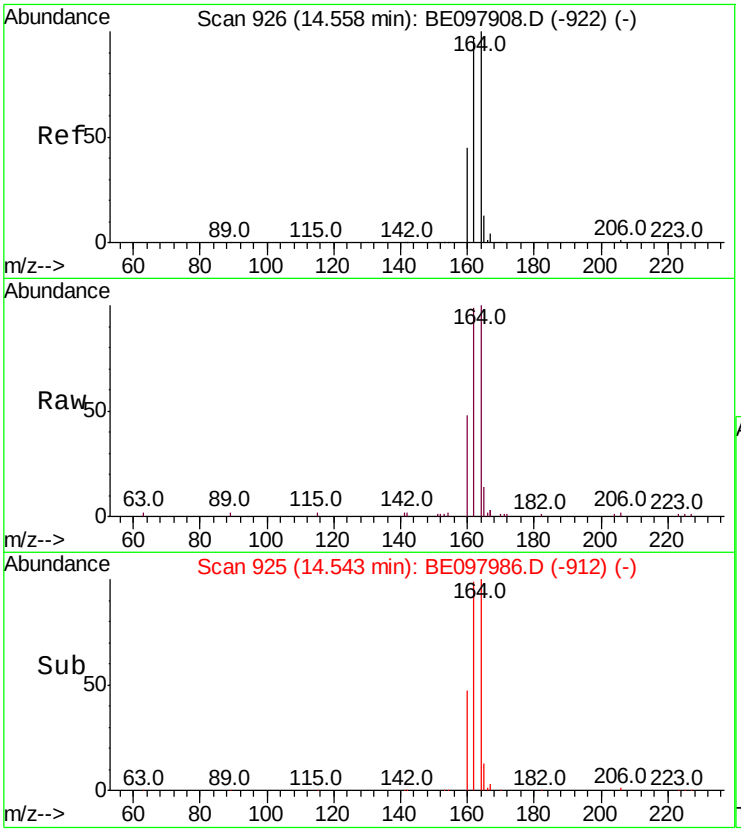


#12
2-Methylnaphthalene
Concen: 0.265 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:142 Resp: 4863

Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.8	104.6
115	39.4	30.5	45.7



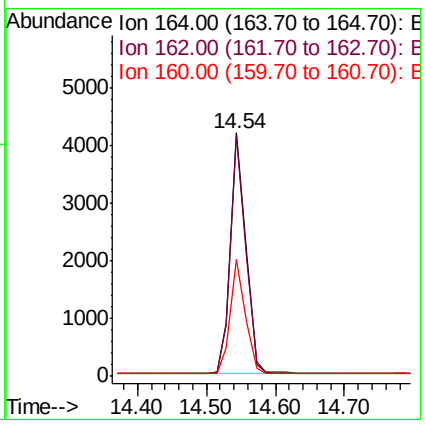


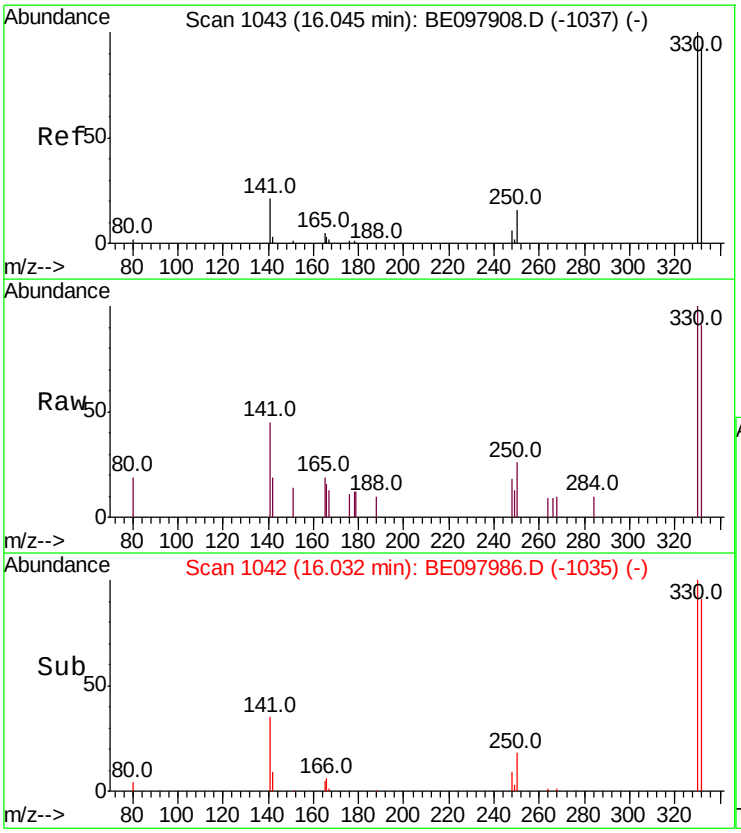
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6353

Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.4	116.2
160	48.2	36.5	54.7

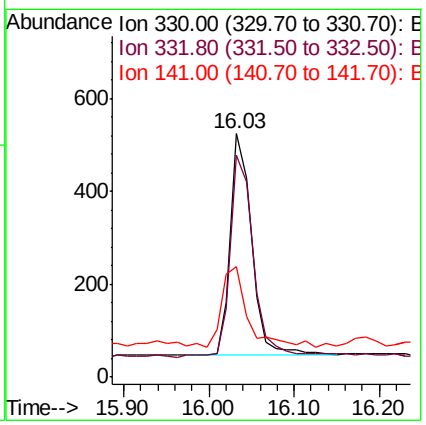


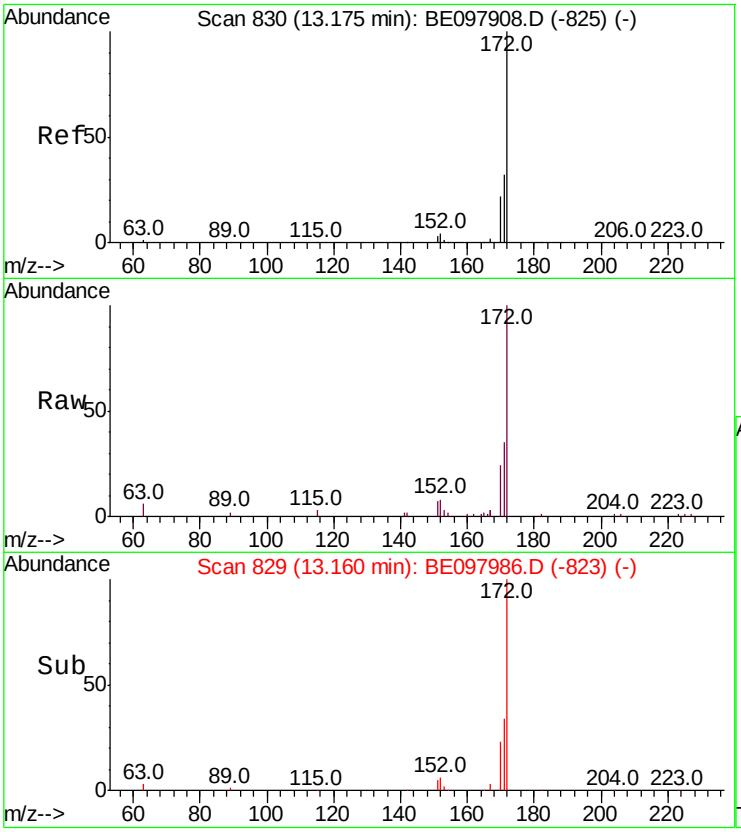


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:330 Resp: 826

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.5	114.7
141	44.9	31.8	47.6



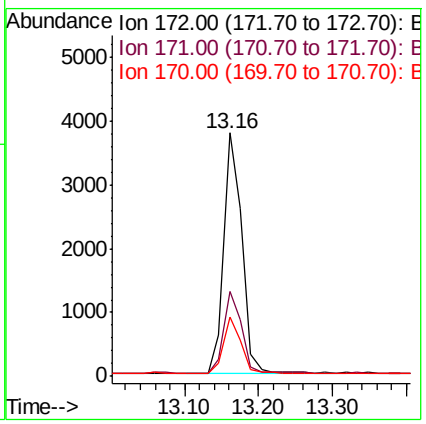


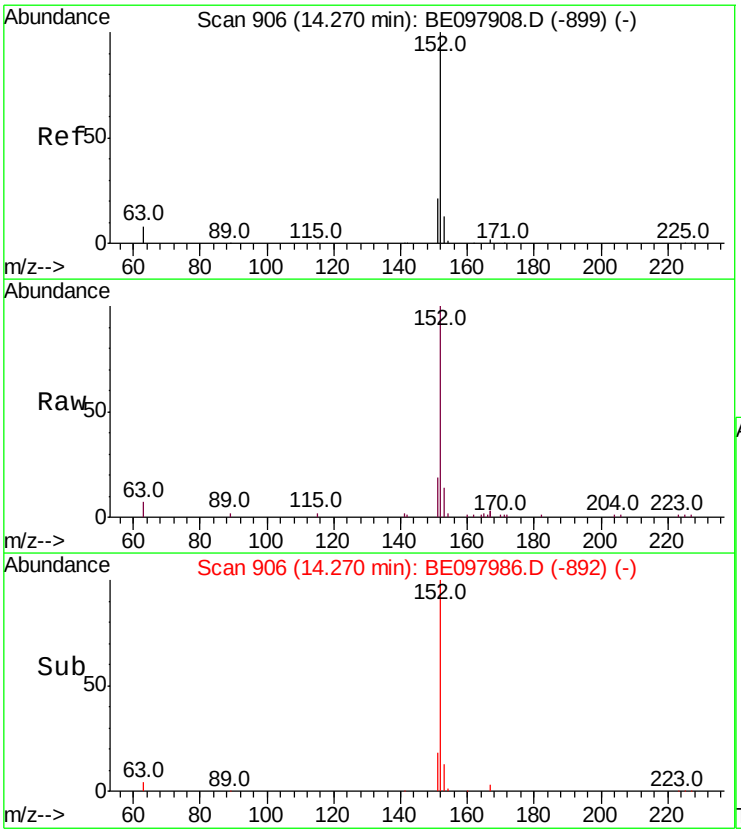
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6394

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.0	39.0
170	24.4	18.0	27.0

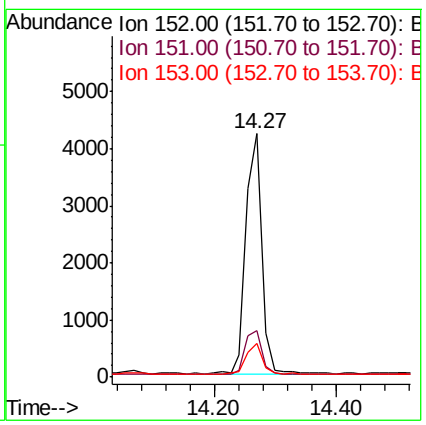


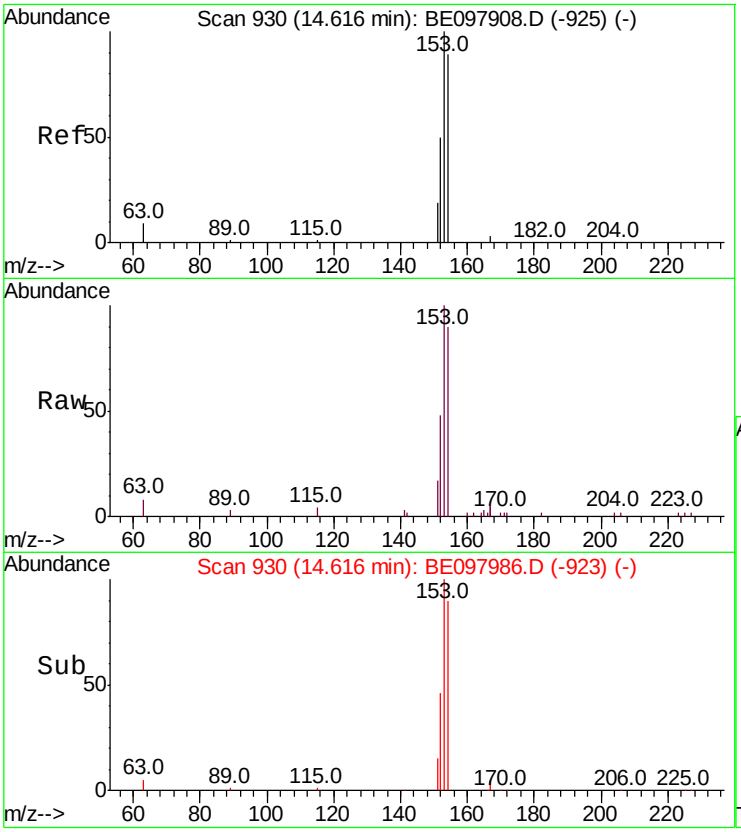


#16
Acenaphthylene
Concen: 0.258 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:152 Resp: 7568

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	12.6	10.9	16.3



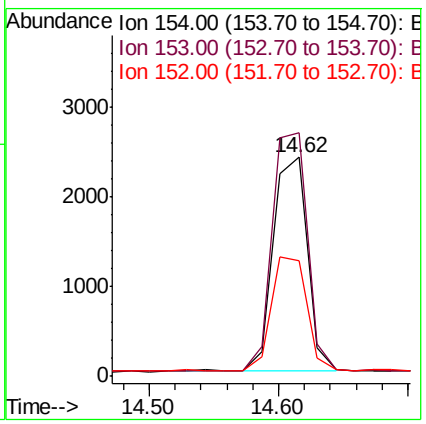


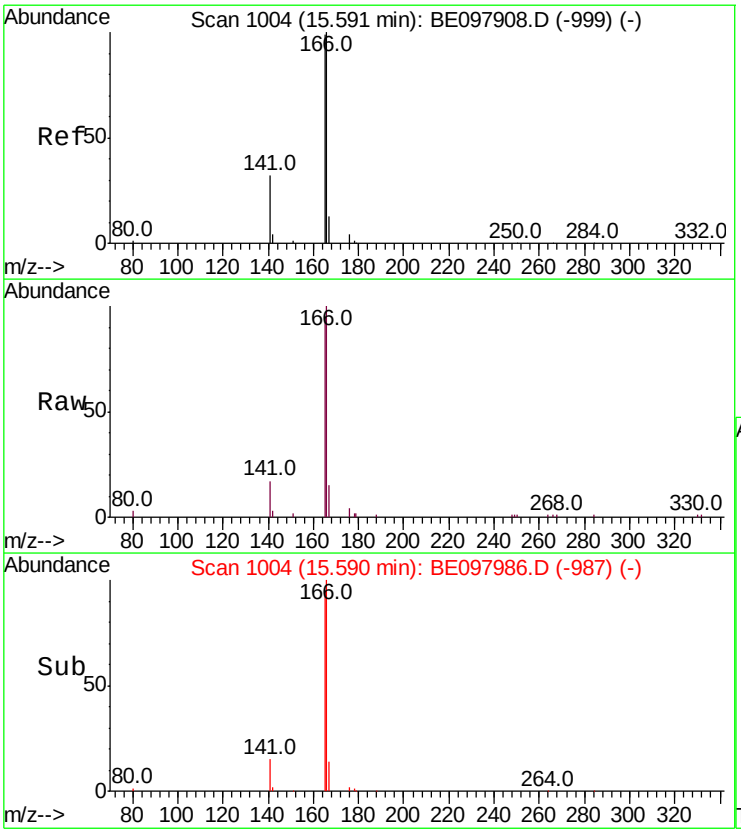
#17
Acenaphthene
Concen: 0.246 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4415

Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.6	139.0
152	55.4	45.5	68.3

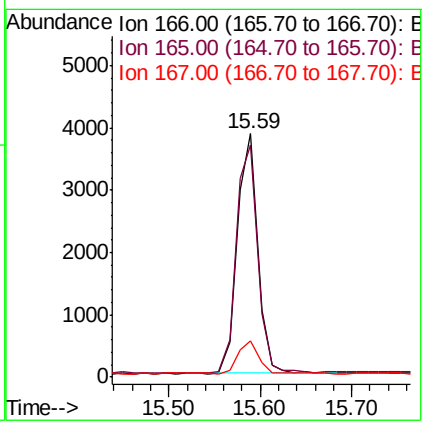


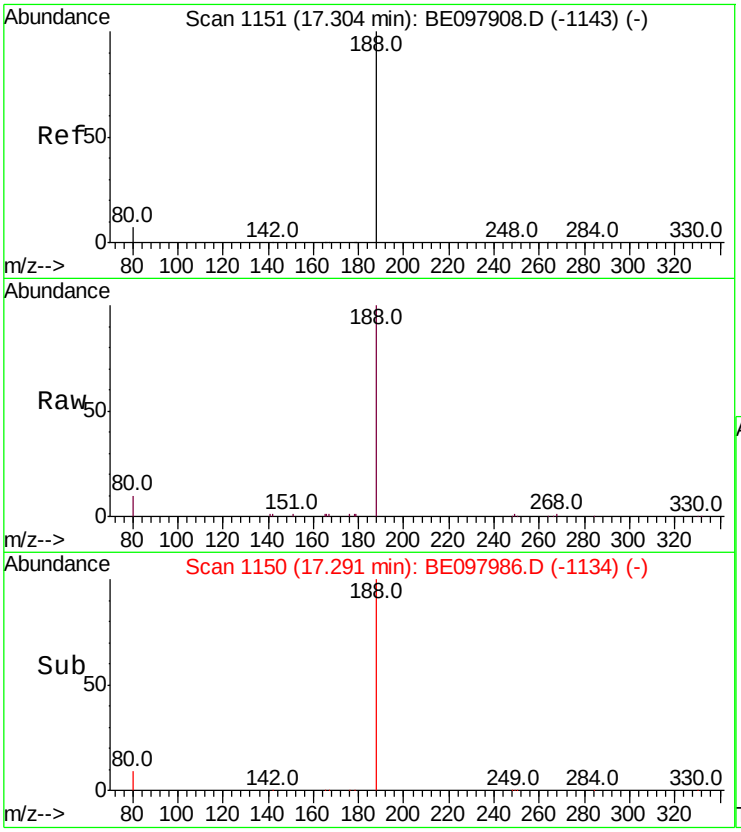


#18
Fluorene
Concen: 0.243 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:166 Resp: 5997

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	13.5	11.0	16.6



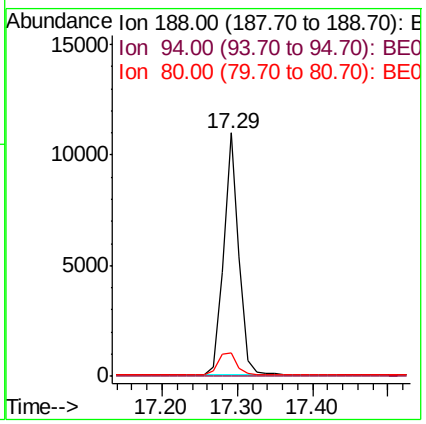


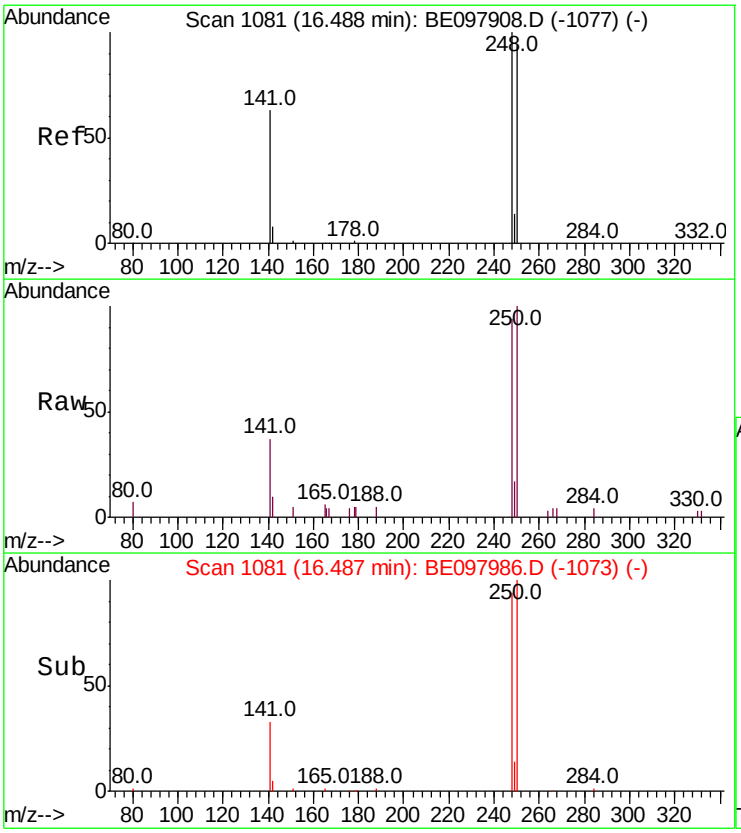
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15792

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	6.3	9.5#

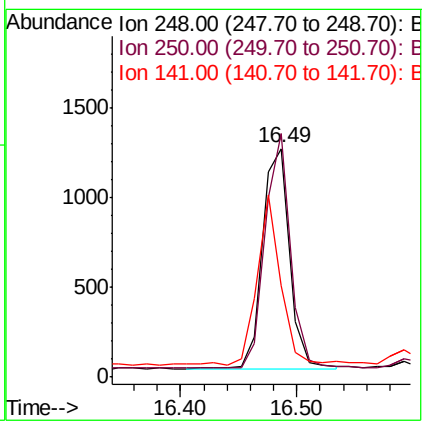


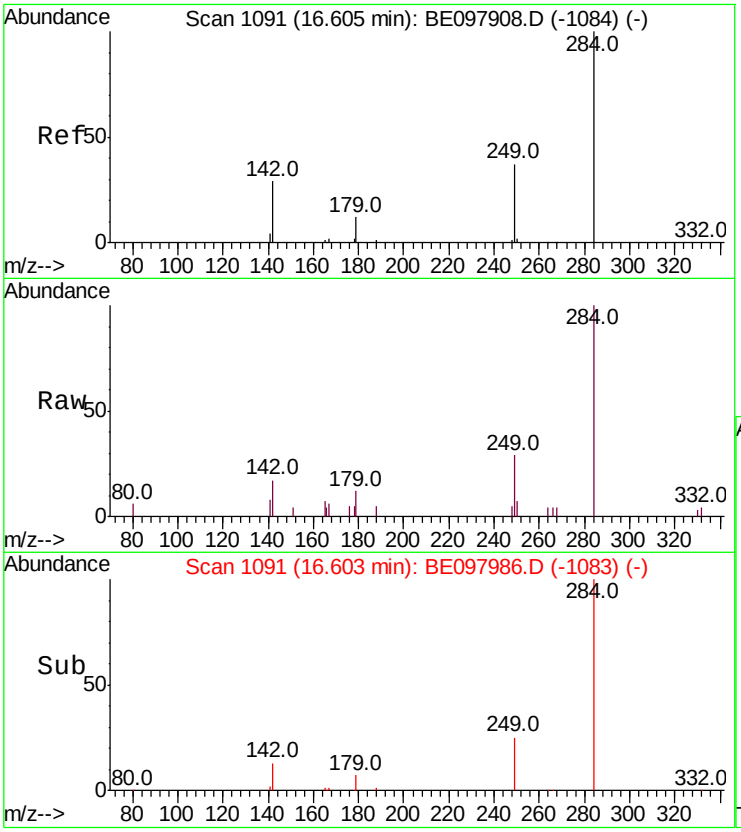


#20
4-Bromophenyl-phenylether
Concen: 0.231 ng
RT: 16.49 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:248 Resp: 1993

Ion	Ratio	Lower	Upper
248	100		
250	106.4	75.1	112.7
141	39.7	51.8	77.8#



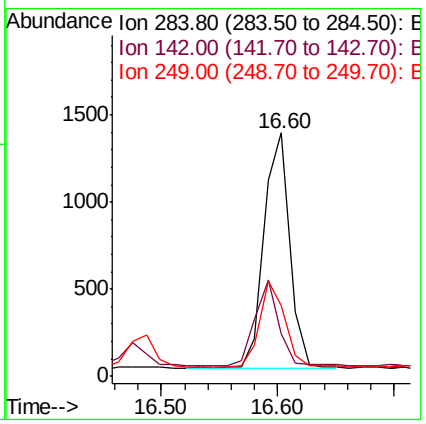


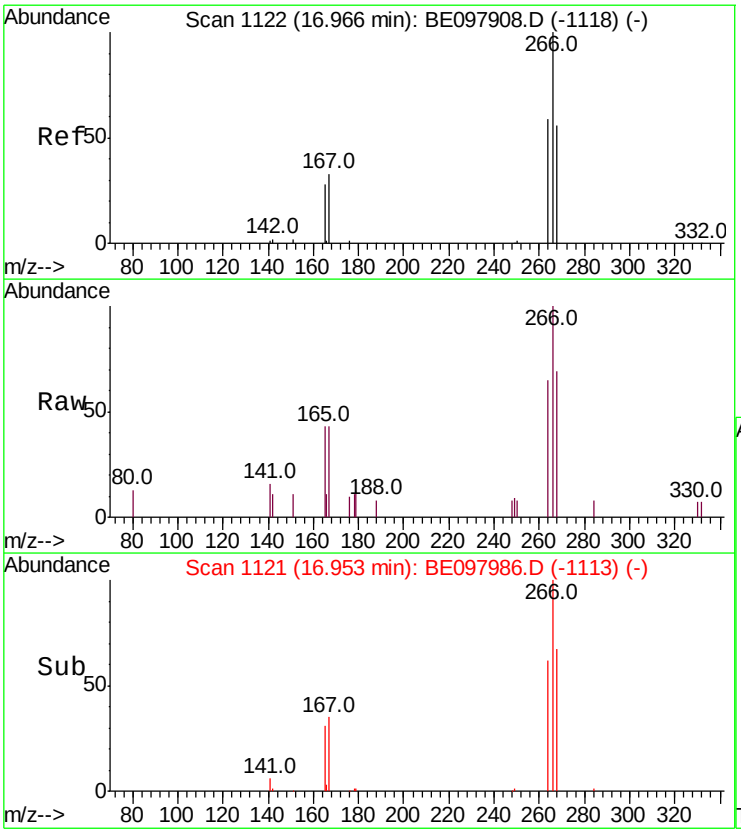
#21
Hexachlorobenzene
Concen: 0.245 ng
RT: 16.60 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2078

Ion	Ratio	Lower	Upper
284	100		
142	34.5	25.9	38.9
249	34.8	26.6	40.0

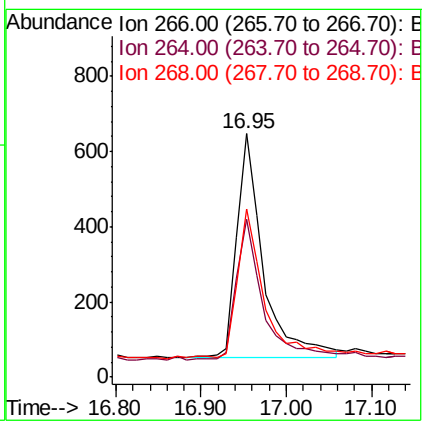


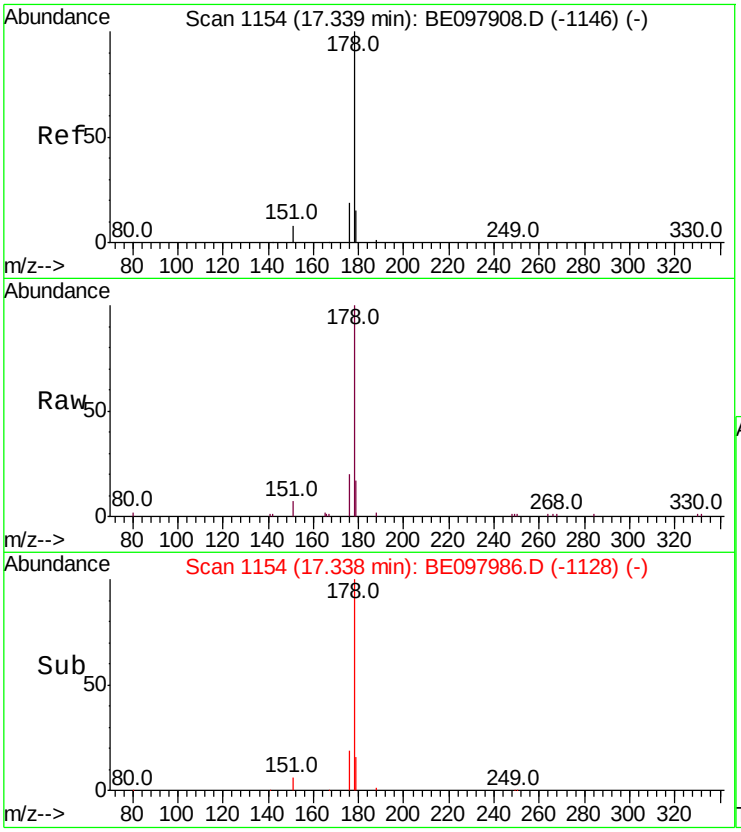


#22
Pentachlorophenol
Concen: 0.579 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:266 Resp: 1271

Ion	Ratio	Lower	Upper
266	100		
264	64.7	51.3	76.9
268	69.0	50.1	75.1



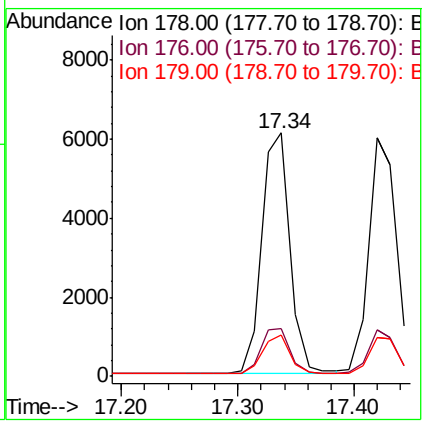


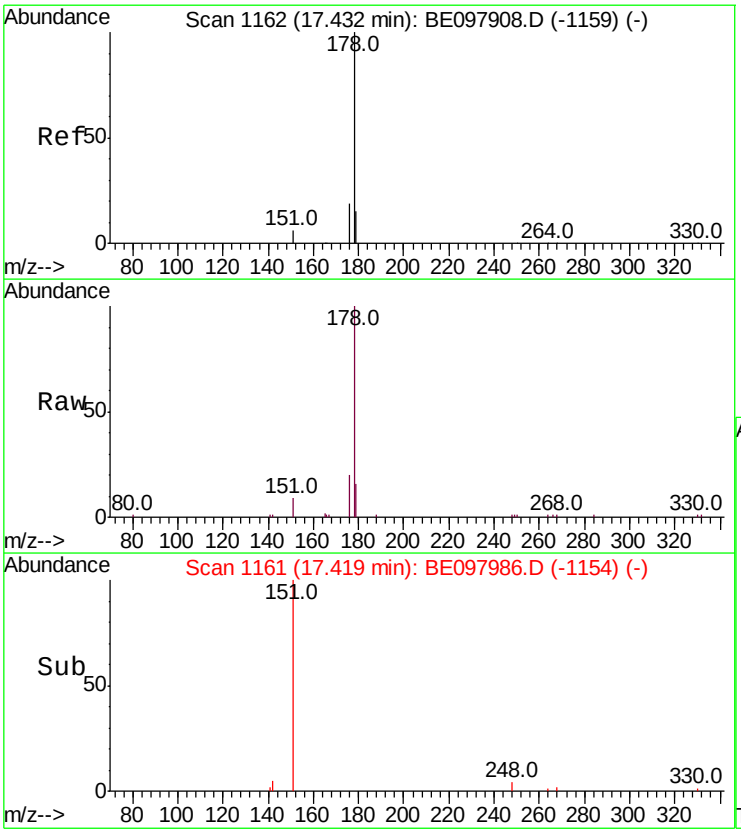
#23
Phenanthrene
Concen: 0.256 ng
RT: 17.34 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10261

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.2	18.4

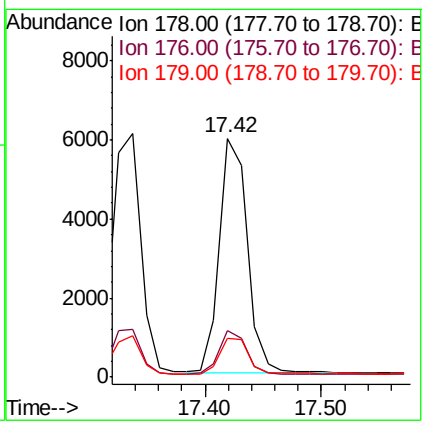


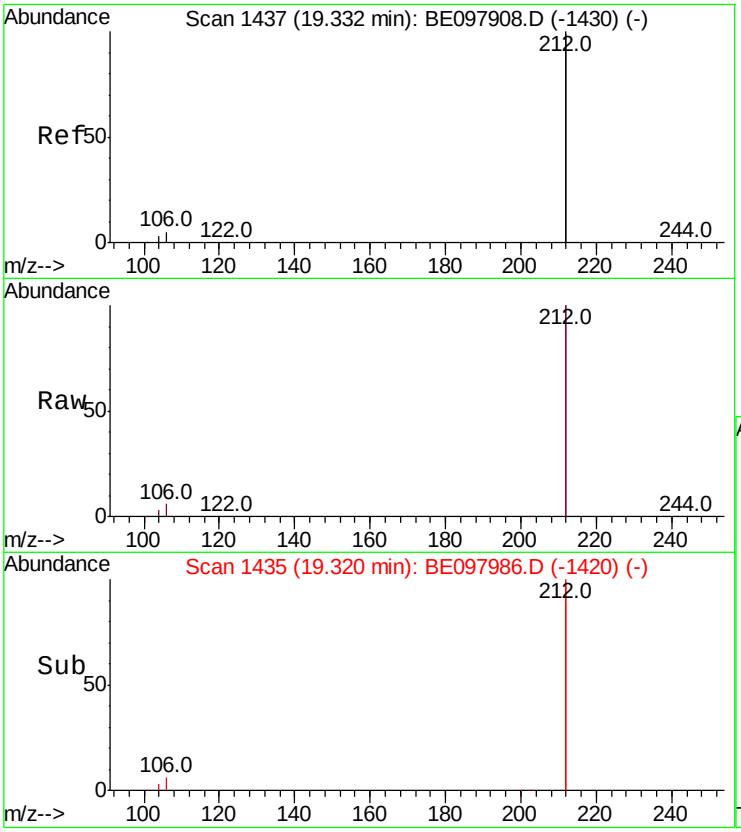


#24
Anthracene
Concen: 0.261 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:178 Resp: 9911

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	11.9	17.9



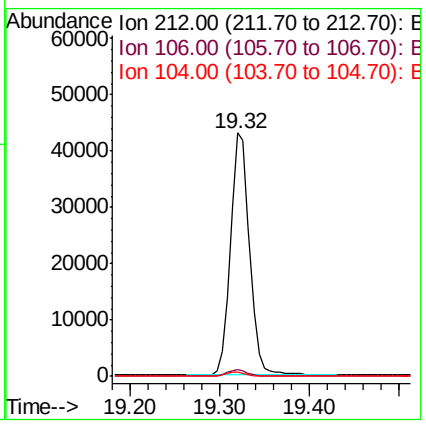


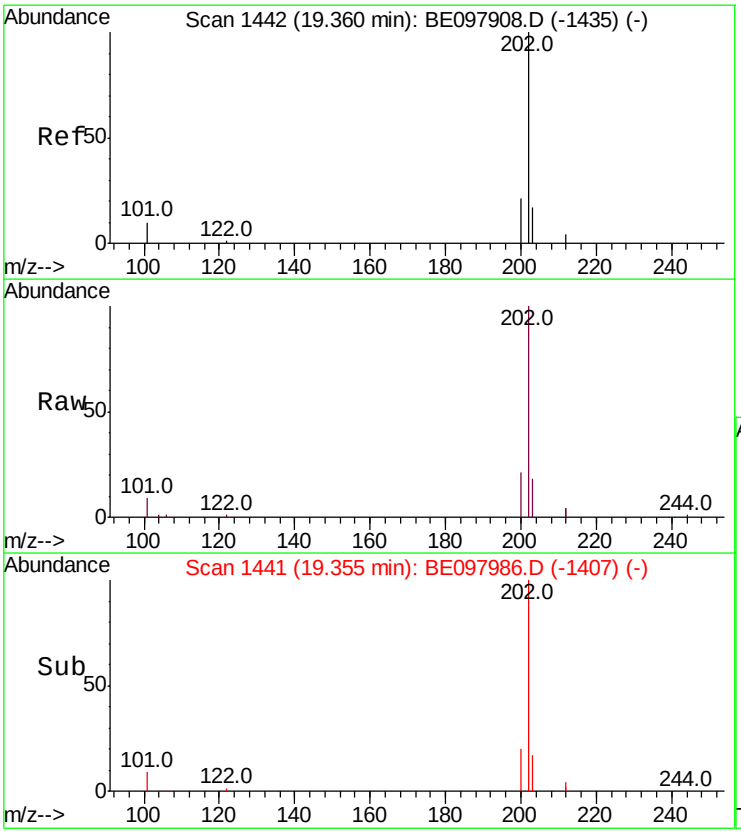
#25
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 61766

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.3	3.5
104	1.5	1.3	1.9

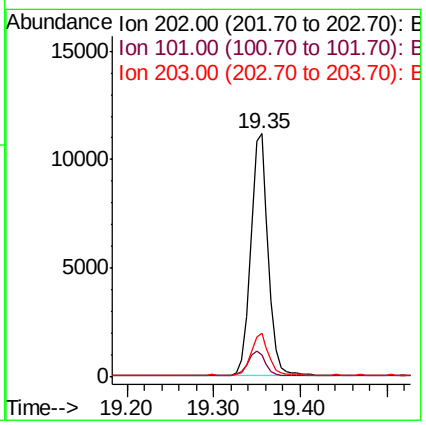


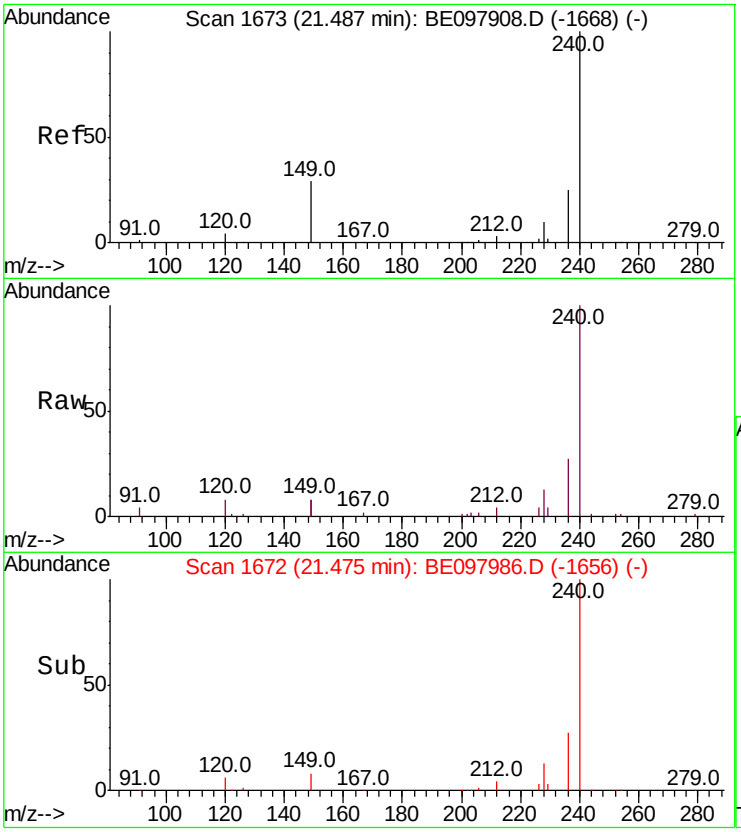


#26
Fluoranthene
Concen: 0.299 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:202 Resp: 15743

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.0	15.0	22.4



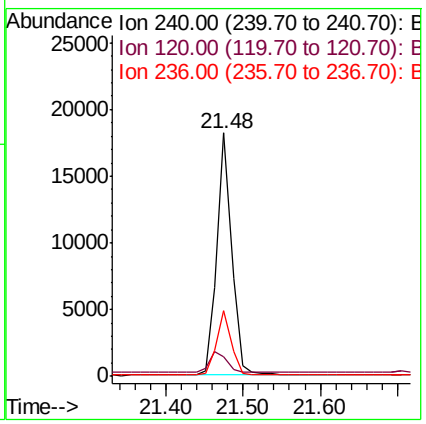


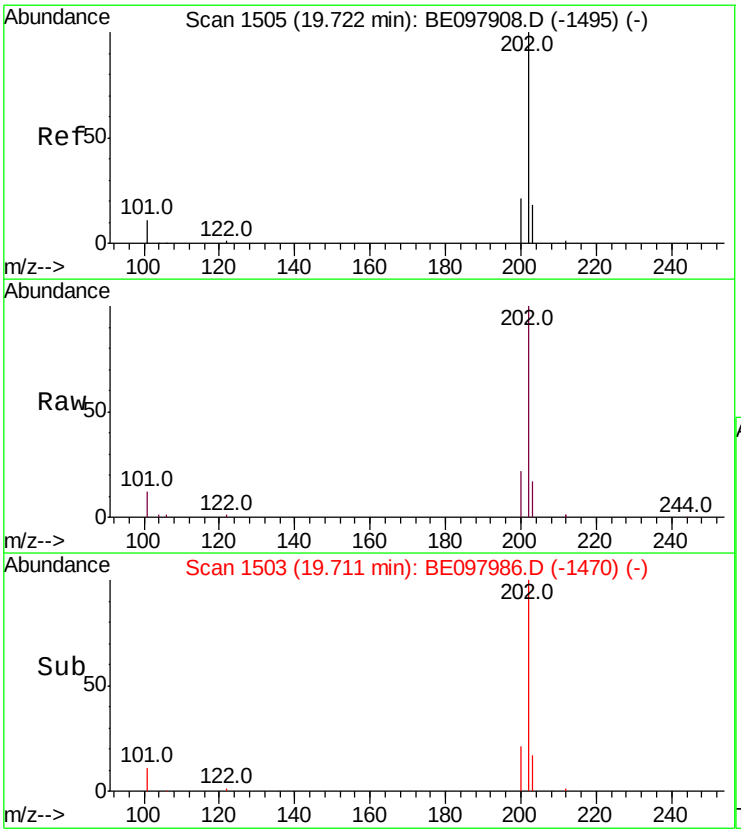
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 24563

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.1	10.7
236	27.1	21.3	31.9

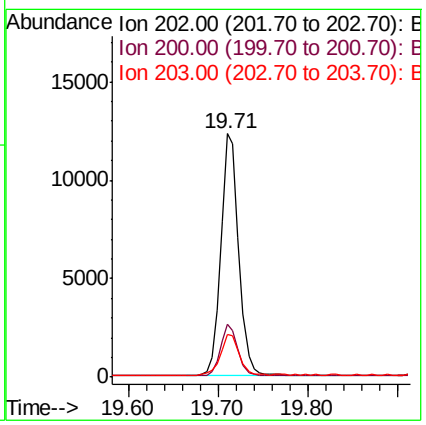


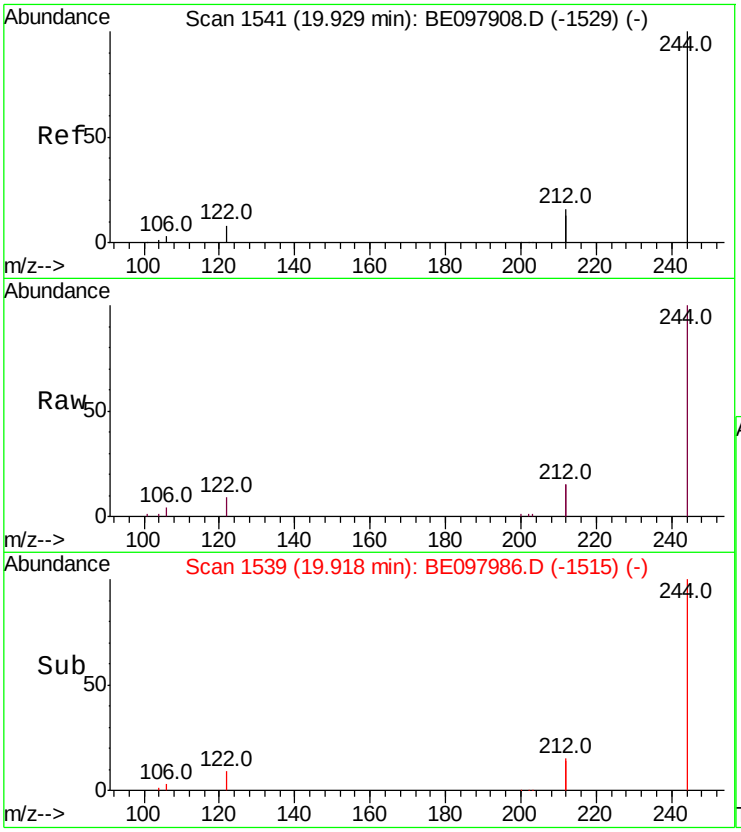


#28
Pyrene
Concen: 0.237 ng
RT: 19.71 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:202 Resp: 16766

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.0	14.2	21.4



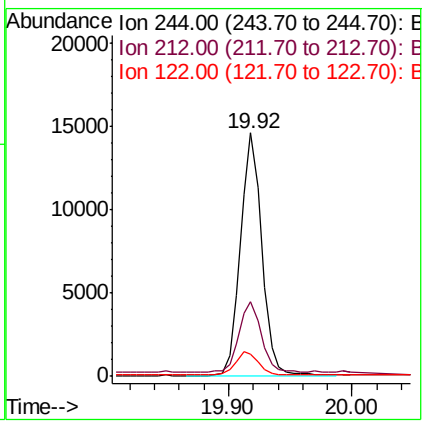


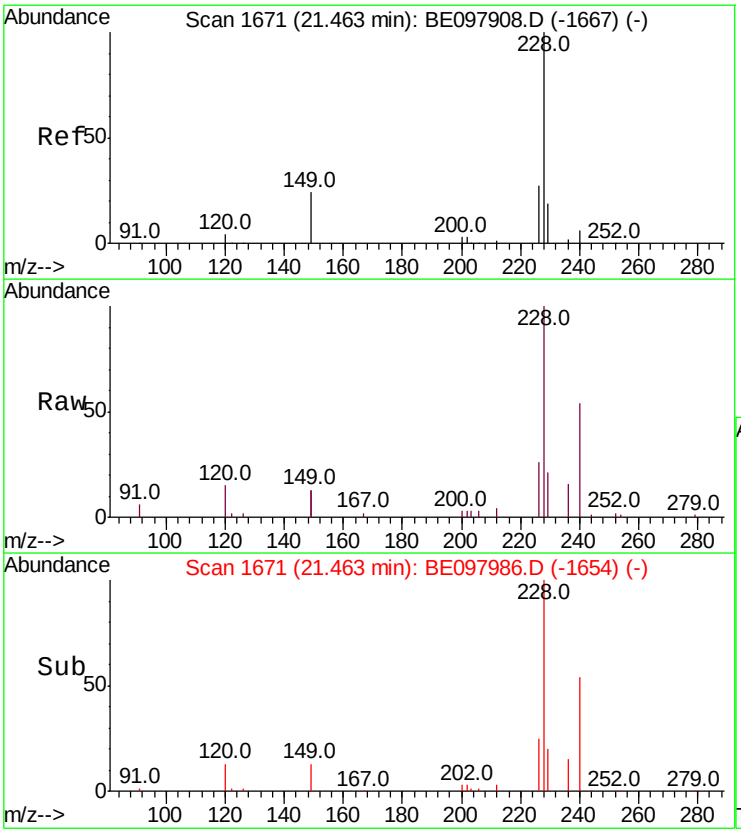
#29
Terphenyl-d14
Concen: 0.313 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 17632

Ion	Ratio	Lower	Upper
244	100		
212	30.9	26.2	39.2
122	9.2	7.7	11.5

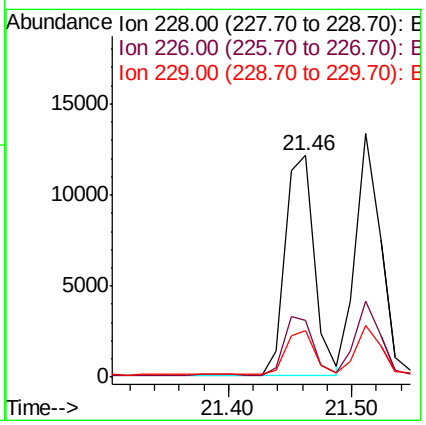


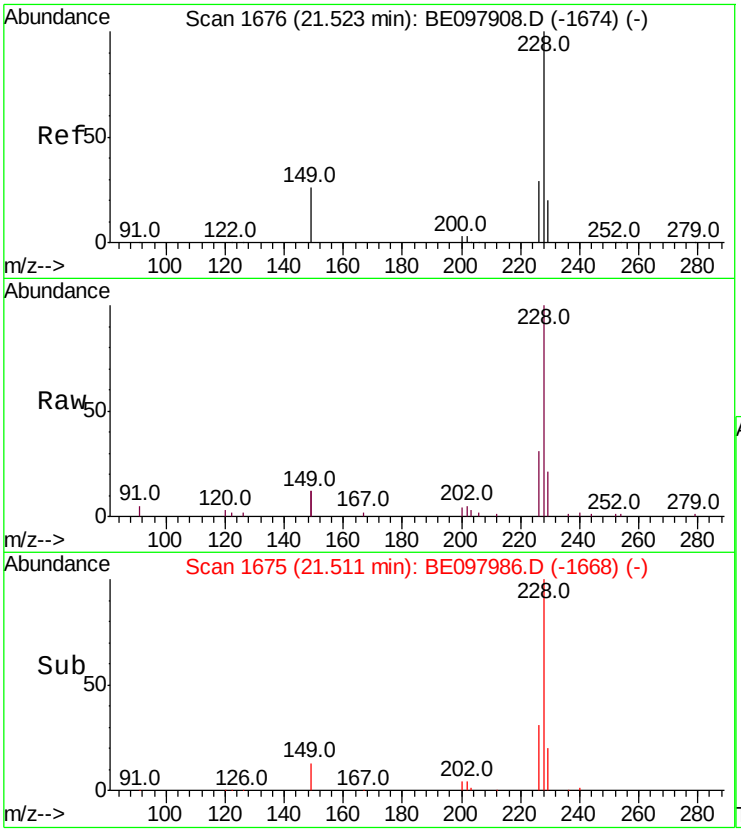


#30
Benzo(a)anthracene
Concen: 0.265 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:228 Resp: 19986

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	20.7	16.9	25.3



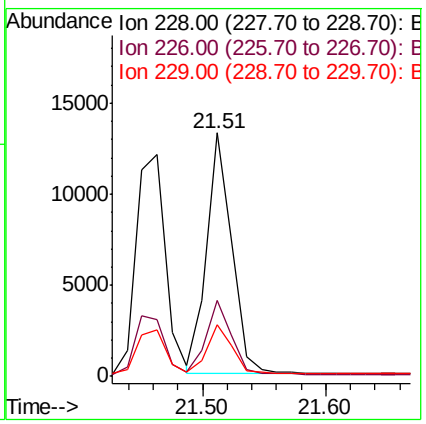


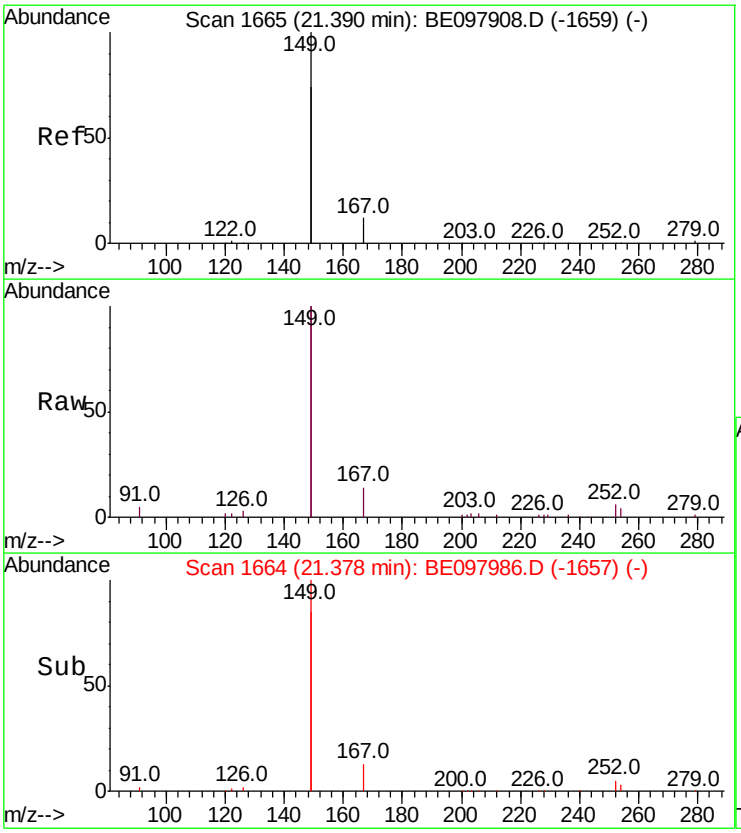
#31
Chrysene
Concen: 0.264 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 18825

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	21.0	17.3	25.9

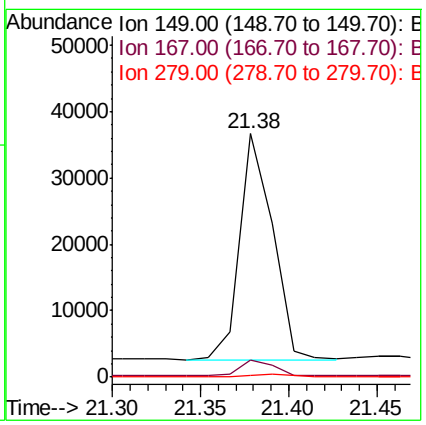


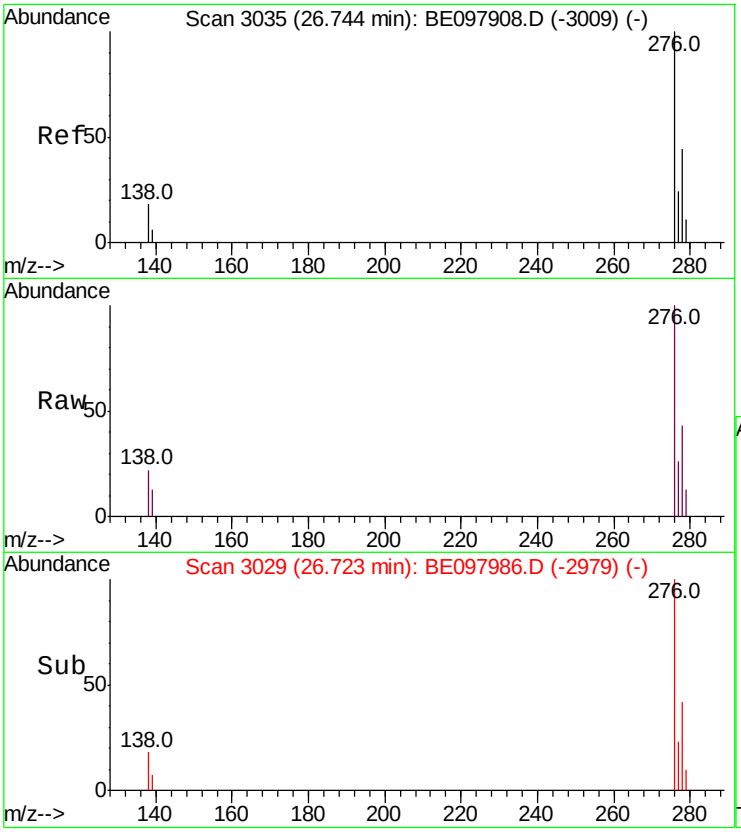


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:149 Resp: 44094

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.2	0.9	1.3



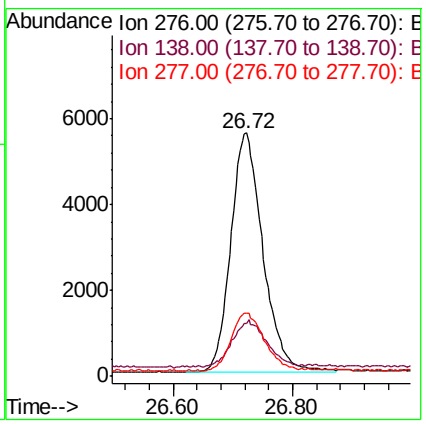


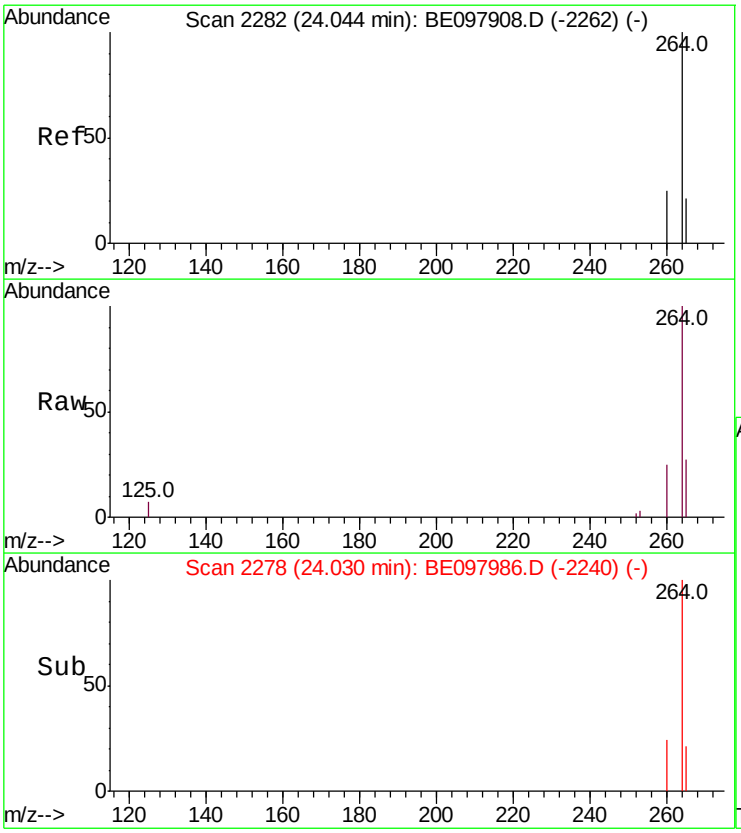
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.02 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20869

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.0	25.6
277	24.9	20.5	30.7

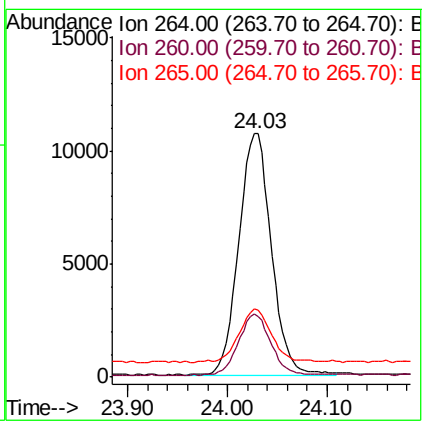


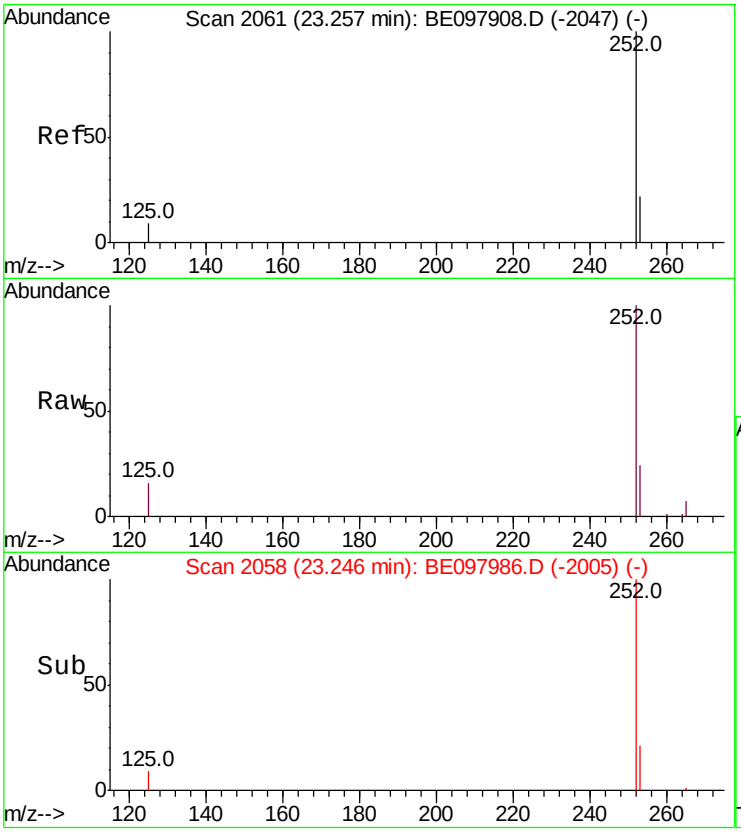


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:264 Resp: 24094

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.1	31.7
265	27.4	29.2	43.8#



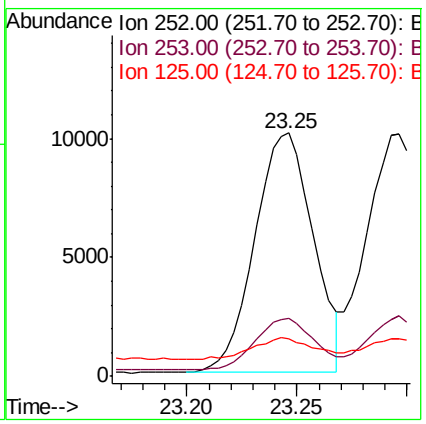


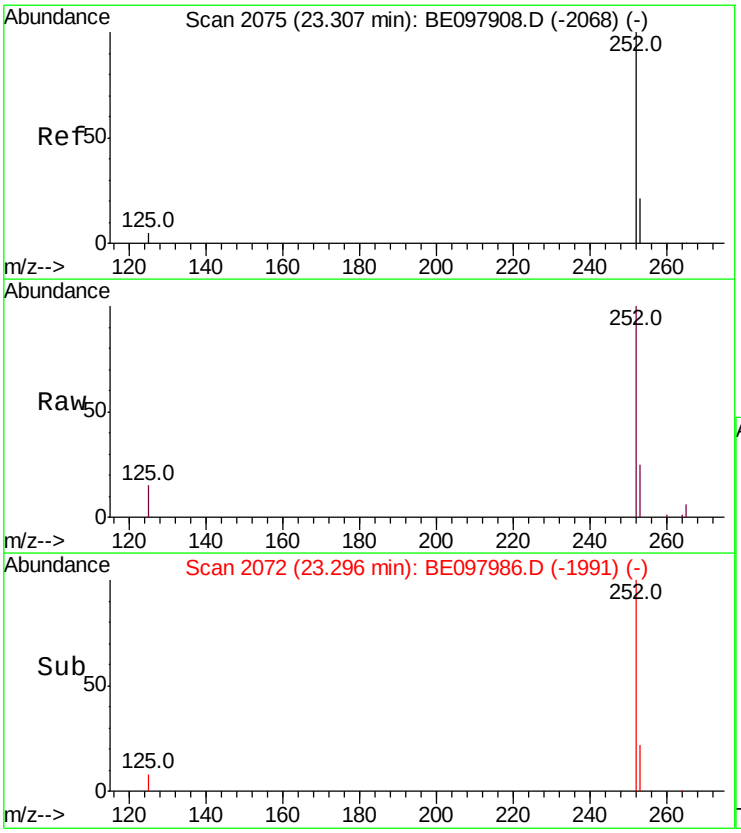
#35
Benzo(b)fluoranthene
Concen: 0.268 ng
RT: 23.25 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18562

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	31.0
125	15.6	14.3	21.5

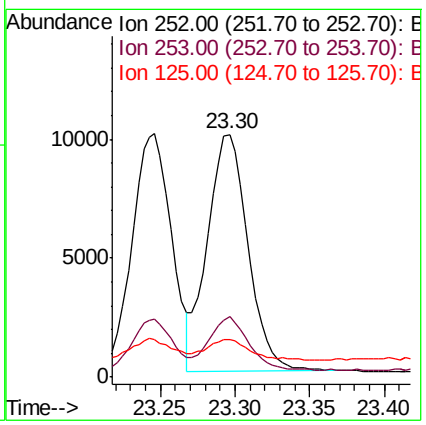


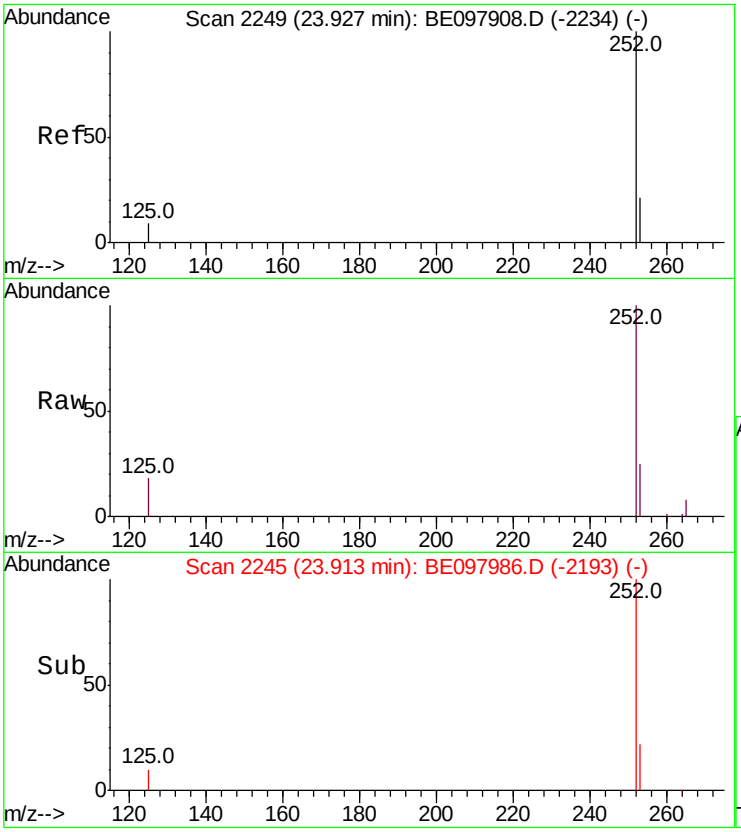


#36
Benzo(k)fluoranthene
Concen: 0.262 ng
RT: 23.30 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:252 Resp: 18916

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.4	30.6
125	15.5	14.6	21.8



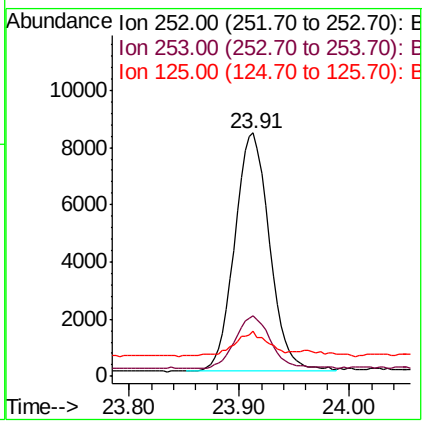


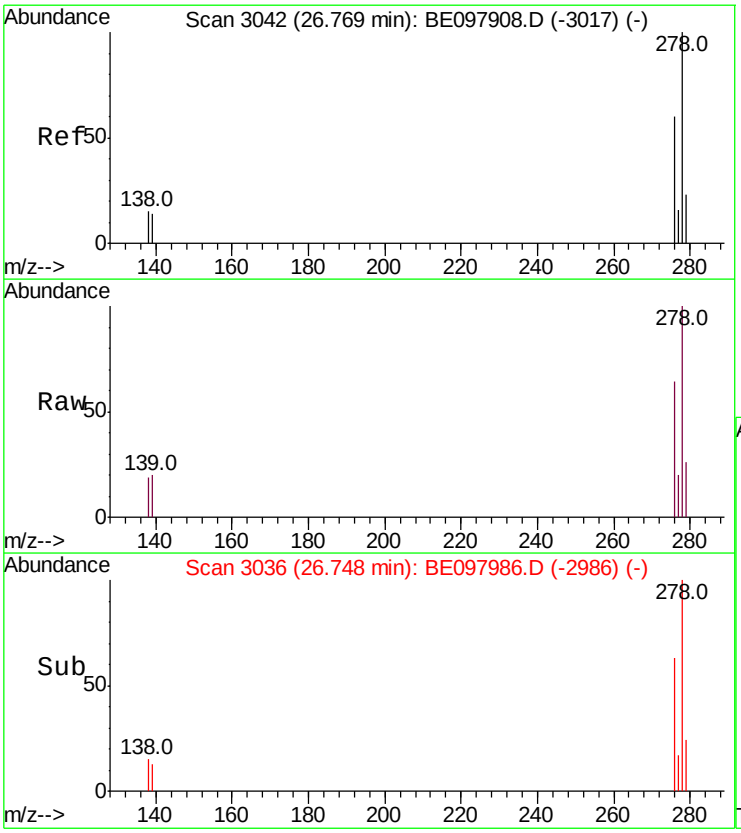
#37
Benzo(a)pyrene
Concen: 0.271 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 18311

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.6	31.0
125	18.3	15.6	23.4

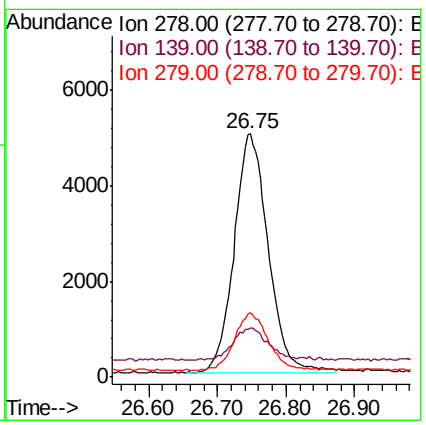


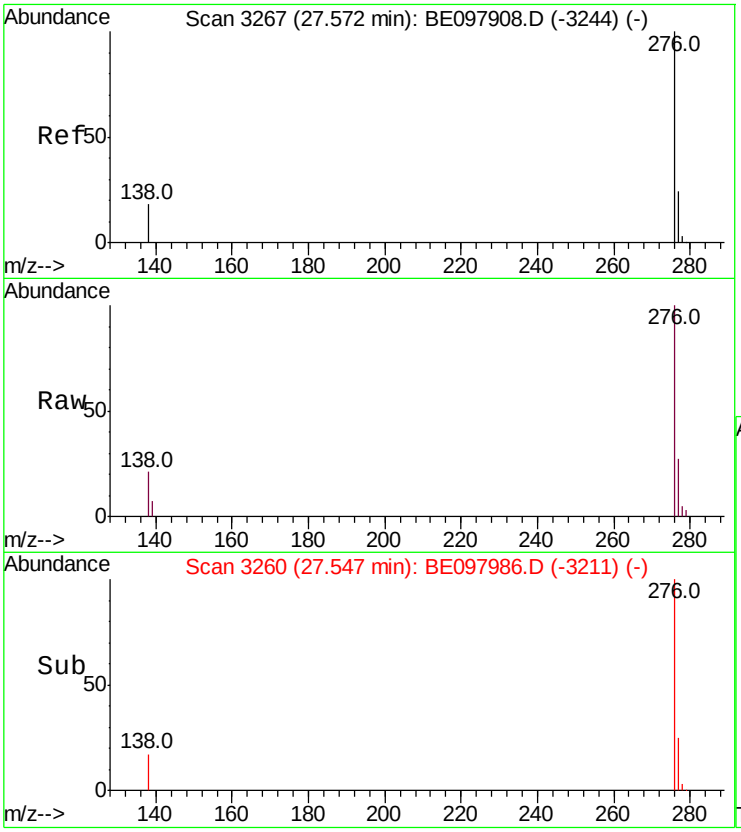


#38
Dibenzo(a,h)anthracene
Concen: 0.261 ng
RT: 26.75 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Tgt Ion:278 Resp: 17278

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.3	24.5
279	26.3	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.260 ng
RT: 27.55 min Scan# 3260
Delta R.T. -0.02 min
Lab File: BE097986.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17606

Ion	Ratio	Lower	Upper
276	100		
277	26.8	22.1	33.1
138	21.4	19.3	28.9