Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097994.D
Acq On : 19 Oct 2018 16:38
Operator : SJ/JU
Sample : PB113998BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 19 23:29:40 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	2587	0.40	ng		-0.01
7) Naphthalene-d8	10.68	136	11136	0.40	ng		-0.01
13) Acenaphthene-d10	14.54	164	6387	0.40	ng		-0.01
19) Phenanthrene-d10	17.29	188	15685	0.40	ng		-0.01
27) Chrysene-d12	21.48	240	24447	0.40	ng		-0.01
34) Perylene-d12	24.03	264	24620	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	3313	0.41	ng		0.00
5) Phenol-d6	7.05	99	4537	0.38	ng		-0.01
8) Nitrobenzene-d5	9.03	82	3792	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6923	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	16.03	330	1231	0.36	ng		-0.01
15) 2-Fluorobiphenyl	13.16	172	9330	0.36	ng		-0.01
25) Fluoranthene-d10	19.33	212	69096	0.33	ng		0.00
29) Terphenyl-d14	19.92	244	25905	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1280	0.284	ng		93
3) n-Nitrosodimethylamine	3.69	42	1354	0.269	ng		95
6) bis(2-Chloroethyl)ether	7.30	93	2573	0.251	ng		97
9) Naphthalene	10.73	128	32463	0.293	ng		100
10) Hexachlorobutadiene	11.02	225	1619	0.271	ng		100
12) 2-Methylnaphthalene	12.35	142	5697	0.300	ng		98
16) Acenaphthylene	14.27	152	8508	0.288	ng		100
17) Acenaphthene	14.60	154	4772	0.265	ng		97
18) Fluorene	15.59	166	6530	0.263	ng		99
20) 4-Bromophenyl-phenylether	16.48	248	2231	0.260	ng	#	88
21) Hexachlorobenzene	16.59	284	2206	0.262	ng		95
22) Pentachlorophenol	16.95	266	1818	0.783	ng		92
23) Phenanthrene	17.33	178	11343	0.285	ng		100
24) Anthracene	17.42	178	10950	0.291	ng		99
26) Fluoranthene	19.35	202	17424	0.333	ng		98
28) Pyrene	19.72	202	18428	0.261	ng		99
30) Benzo(a)anthracene	21.46	228	21970	0.293	ng		98
31) Chrysene	21.51	228	21098	0.297	ng		98
32) Bis(2-ethylhexyl)phthalate	21.38	149	50144	0.243	ng		100
33) Indeno(1,2,3-cd)pyrene	26.72	276	23319	0.256	ng		99
35) Benzo(b)fluoranthene	23.24	252	20918	0.295	ng	#	93
36) Benzo(k)fluoranthene	23.29	252	21391	0.290	ng	#	93
37) Benzo(a)pyrene	23.91	252	20656	0.299	ng	#	94
38) Dibenzo(a,h)anthracene	26.75	278	19374	0.286	ng		96
39) Benzo(g,h,i)perylene	27.55	276	19693	0.284	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097994.D
Acq On : 19 Oct 2018 16:38
Operator : SJ/JU
Sample : PB113998BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 19 23:29:40 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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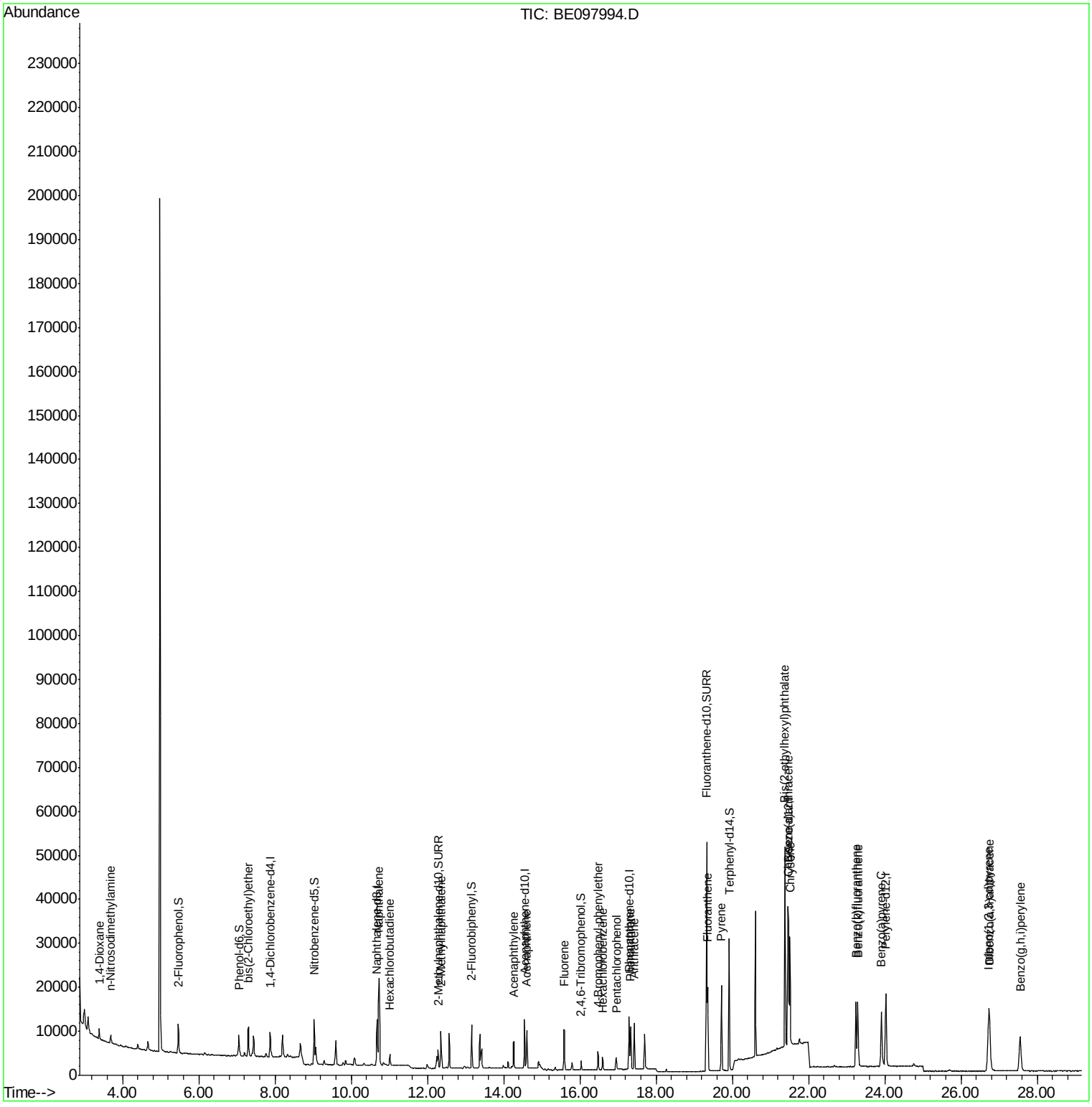
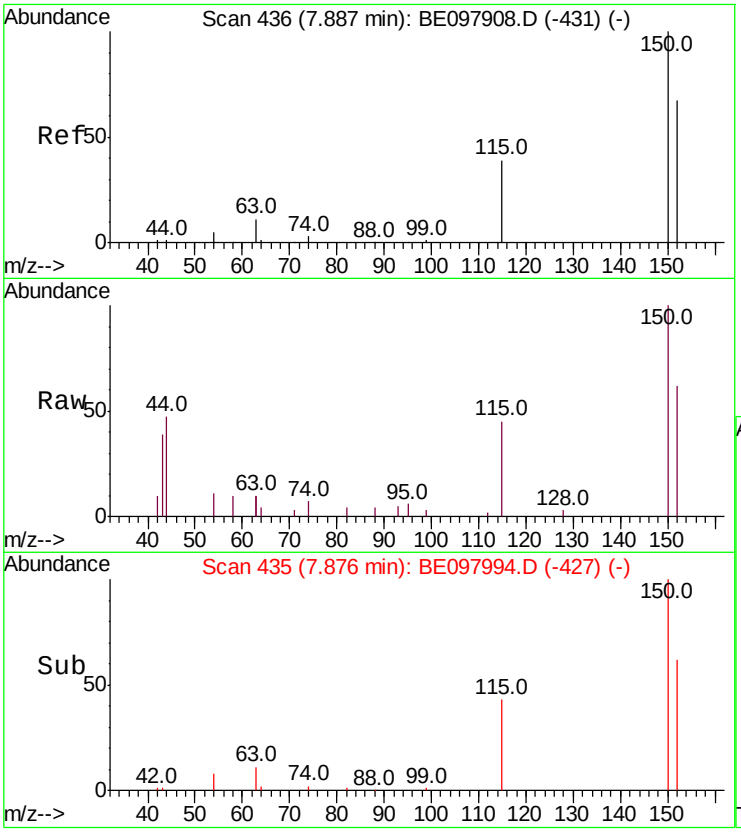


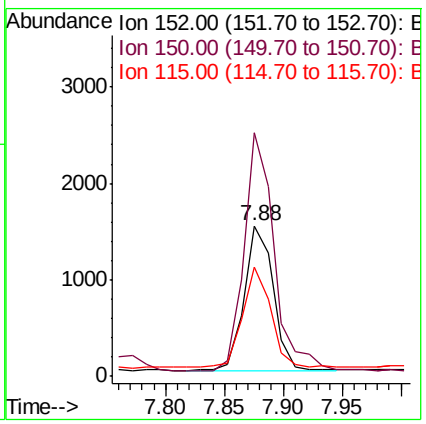


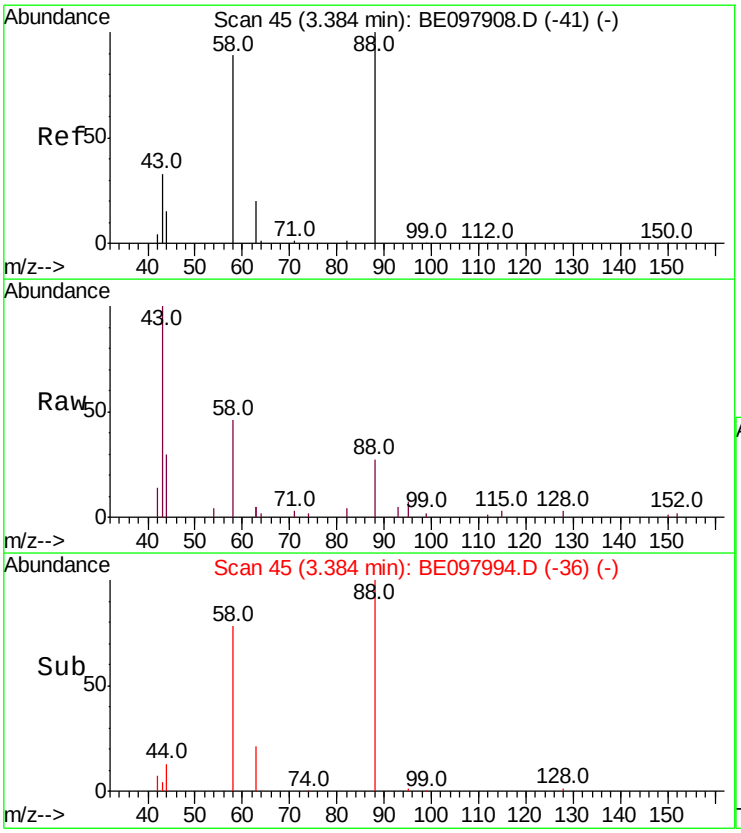
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2587

Ion	Ratio	Lower	Upper
152	100		
150	161.6	118.2	177.4
115	72.9	50.9	76.3

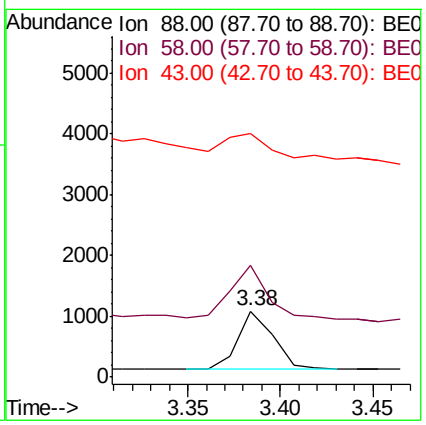


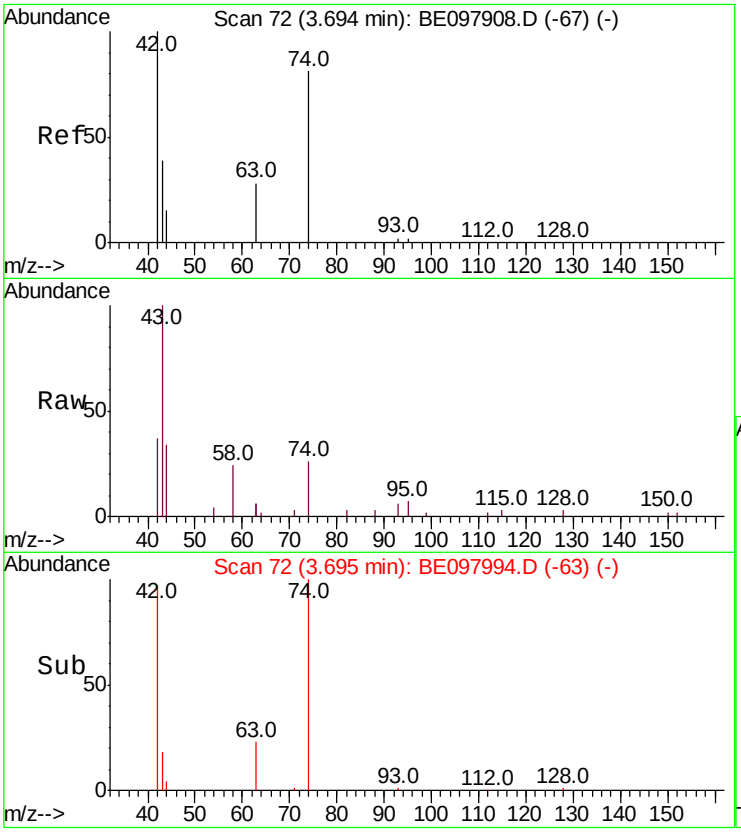


#2
1,4-Dioxane
Concen: 0.284 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion: 88 Resp: 1280

Ion	Ratio	Lower	Upper
88	100		
58	95.5	73.2	109.8
43	54.1	36.9	55.3



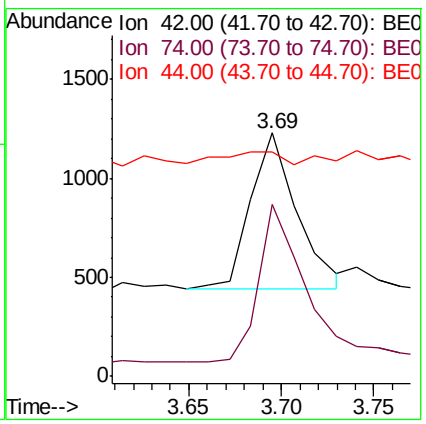


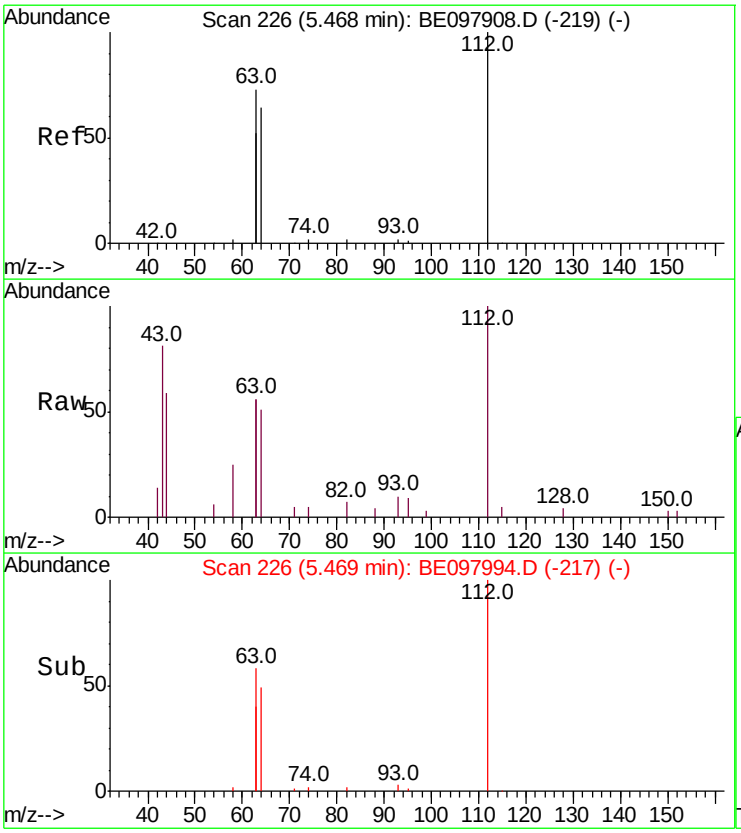
#3
n-Nitrosodimethylamine
Concen: 0.269 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1354

Ion	Ratio	Lower	Upper
42	100		
74	102.7	77.6	116.4
44	10.3	7.6	11.4

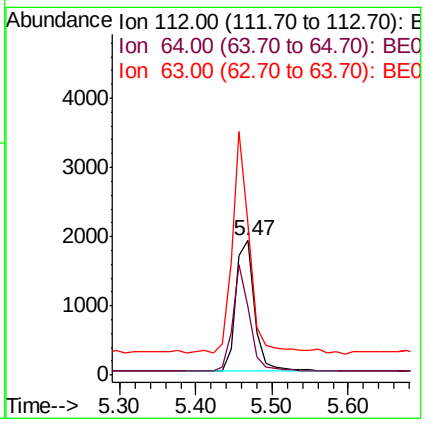


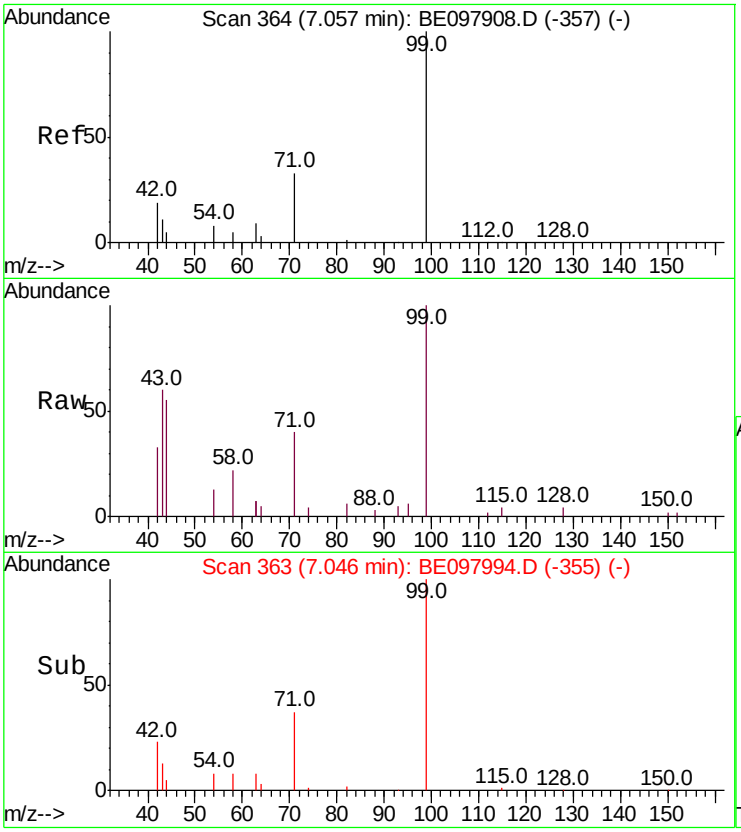


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:112 Resp: 3313

Ion	Ratio	Lower	Upper
112	100		
64	72.7	58.9	88.3
63	157.1	120.3	180.5



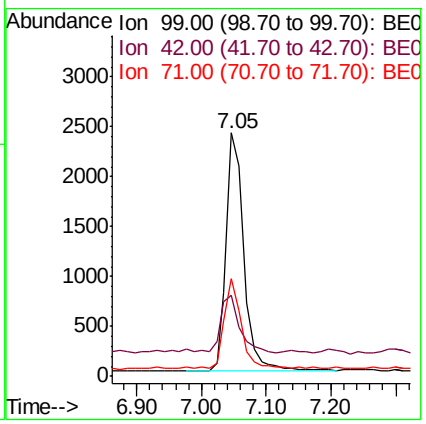


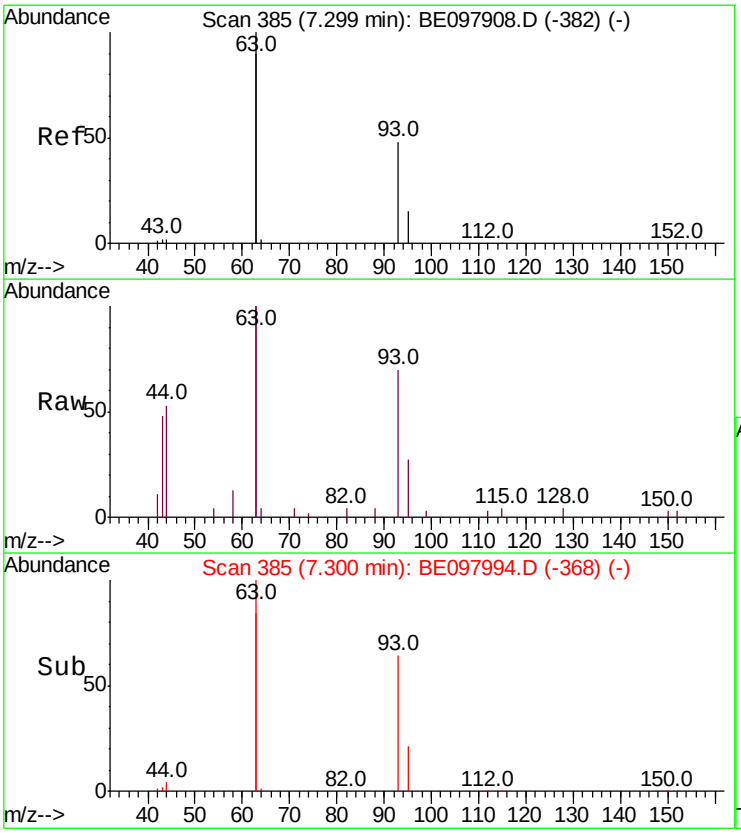
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4537

Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.9	29.9
71	35.3	27.8	41.8

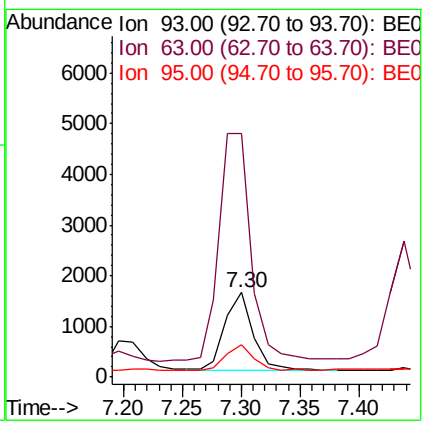


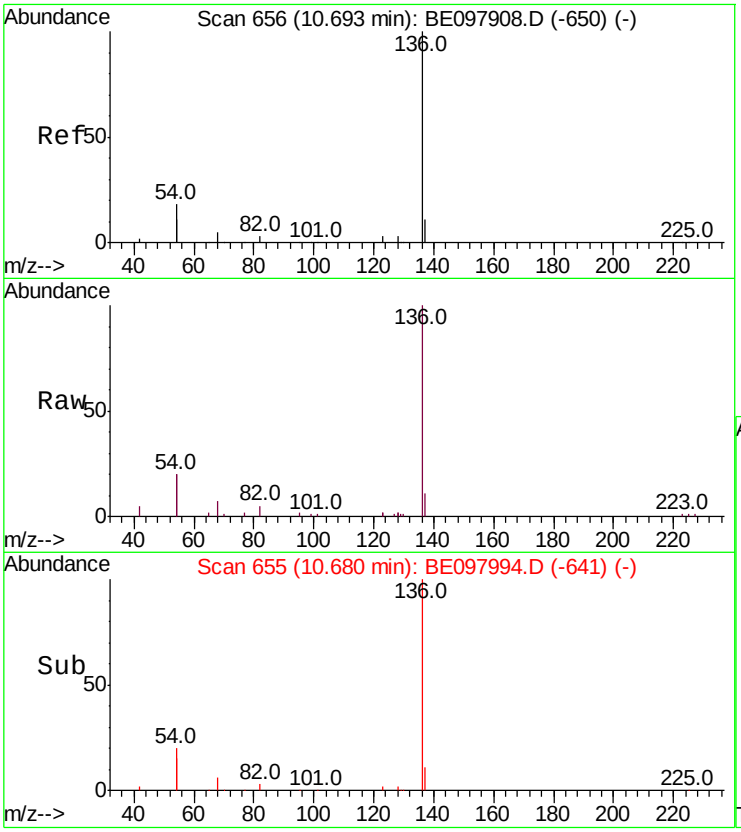


#6
bis(2-Chloroethyl)ether
Concen: 0.251 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion: 93 Resp: 2573

Ion	Ratio	Lower	Upper
93	100		
63	329.3	259.0	388.4
95	32.3	27.8	41.8



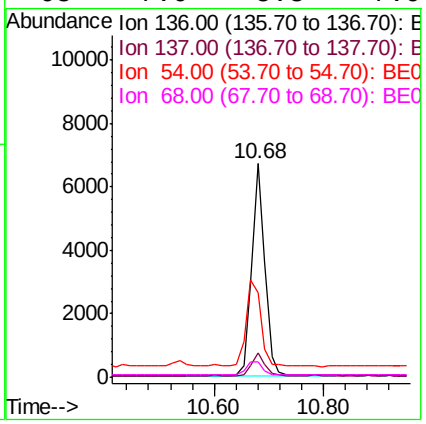


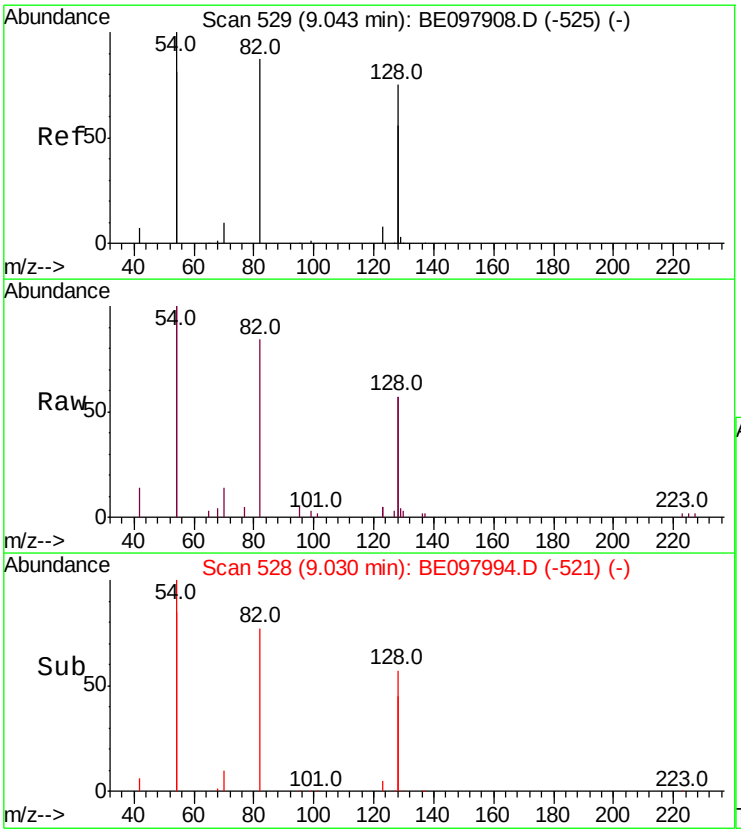
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 11136

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	39.6	27.7	41.5
68	7.0	5.3	7.9

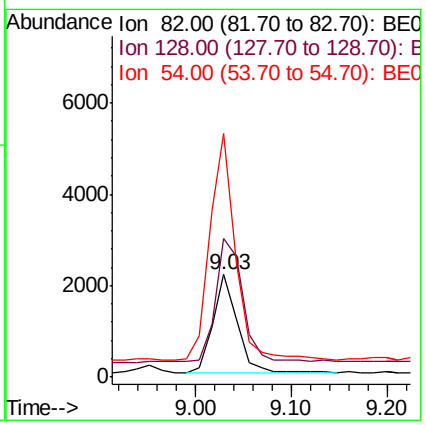


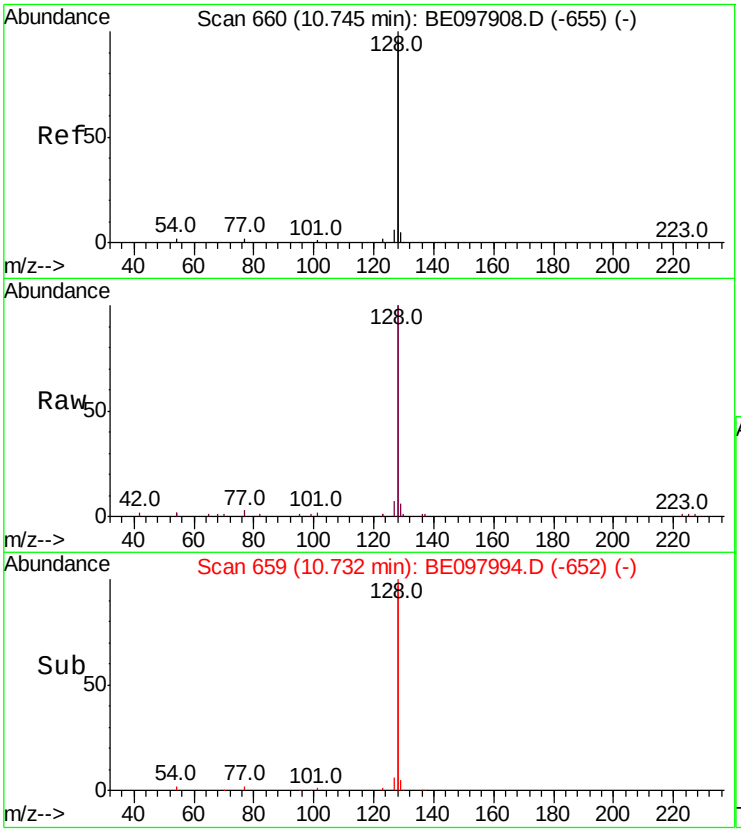


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion: 82 Resp: 3792

Ion	Ratio	Lower	Upper
82	100		
128	135.8	129.9	194.9
54	238.1	174.0	261.0



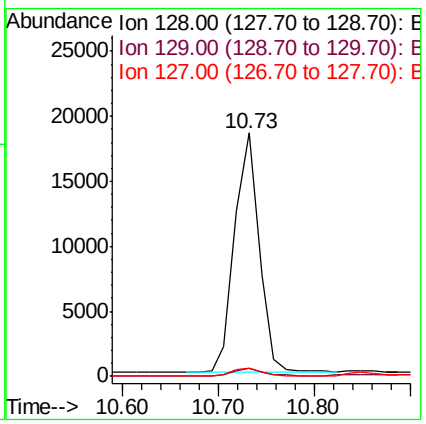


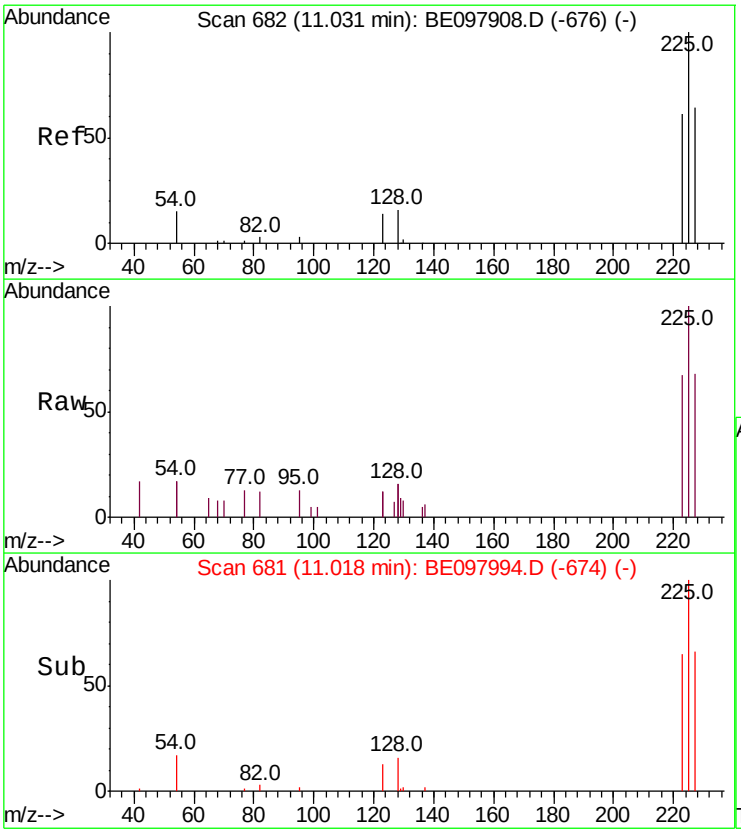
#9
Naphthalene
Concen: 0.293 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 32463

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.5	2.8	4.2

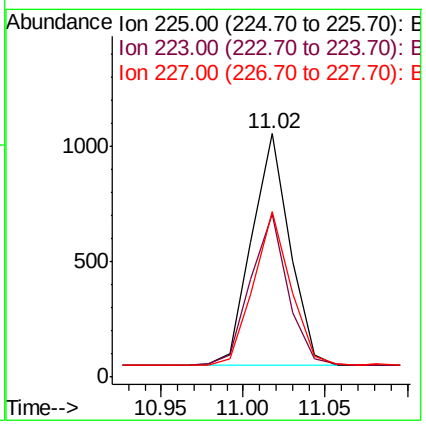


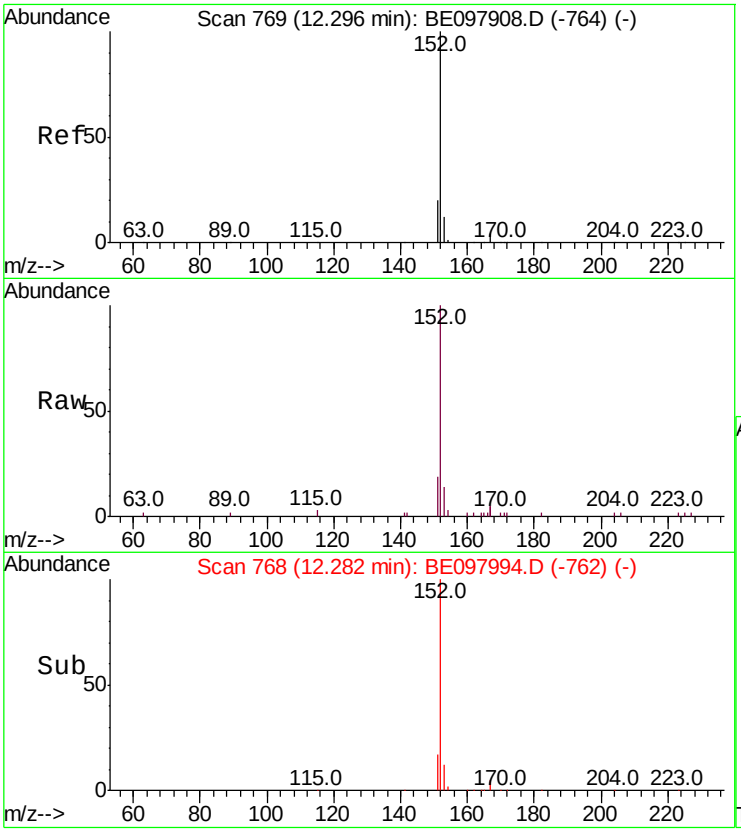


#10
Hexachlorobutadiene
Concen: 0.271 ng
RT: 11.02 min Scan# 681
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:225 Resp: 1619

Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.8	77.8
227	66.3	53.0	79.6



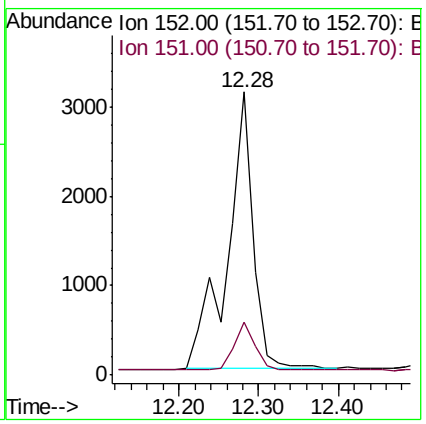


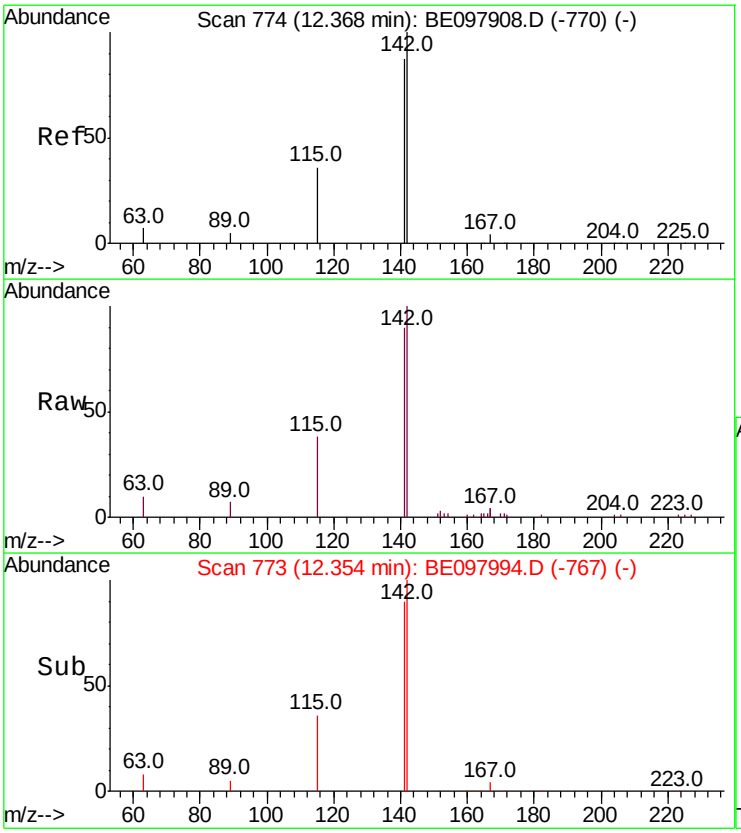
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6923

Ion	Ratio	Lower	Upper
152	100		
151	14.2	16.2	24.4#

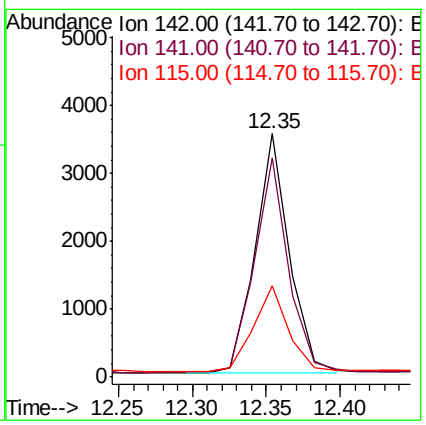


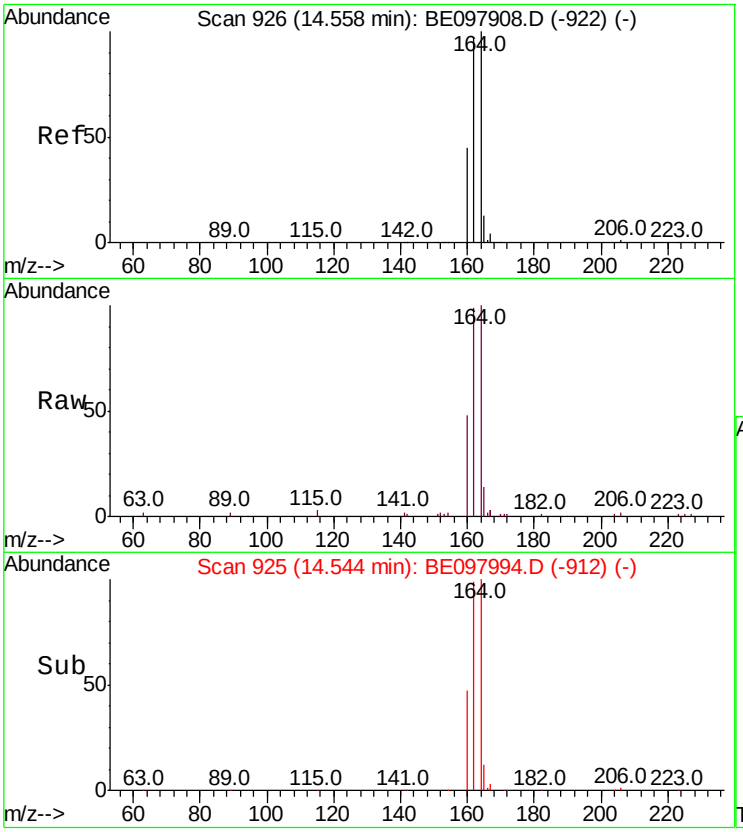


#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 12.35 min Scan# 773
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:142 Resp: 5697

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.8	104.6
115	37.5	30.5	45.7



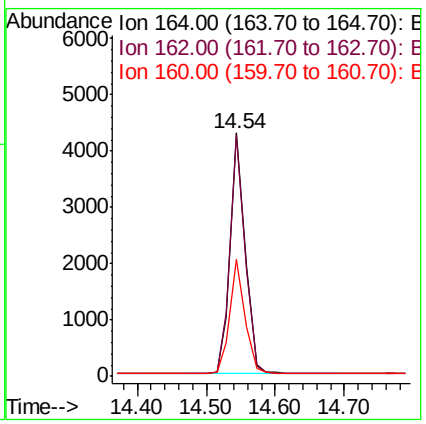


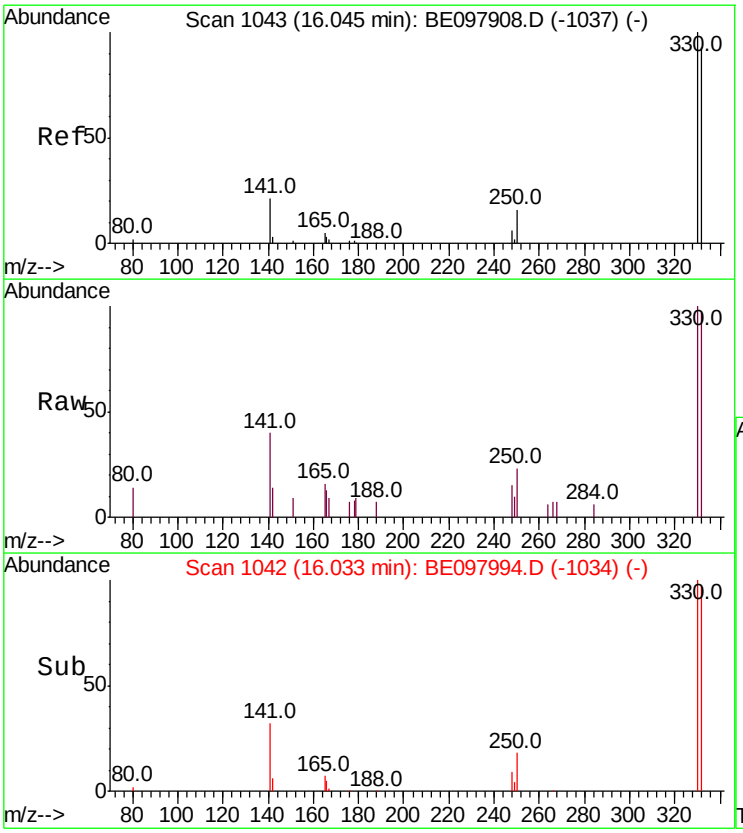
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6387

Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.4	116.2
160	47.9	36.5	54.7

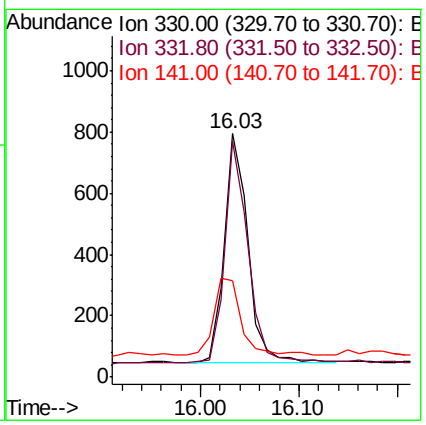


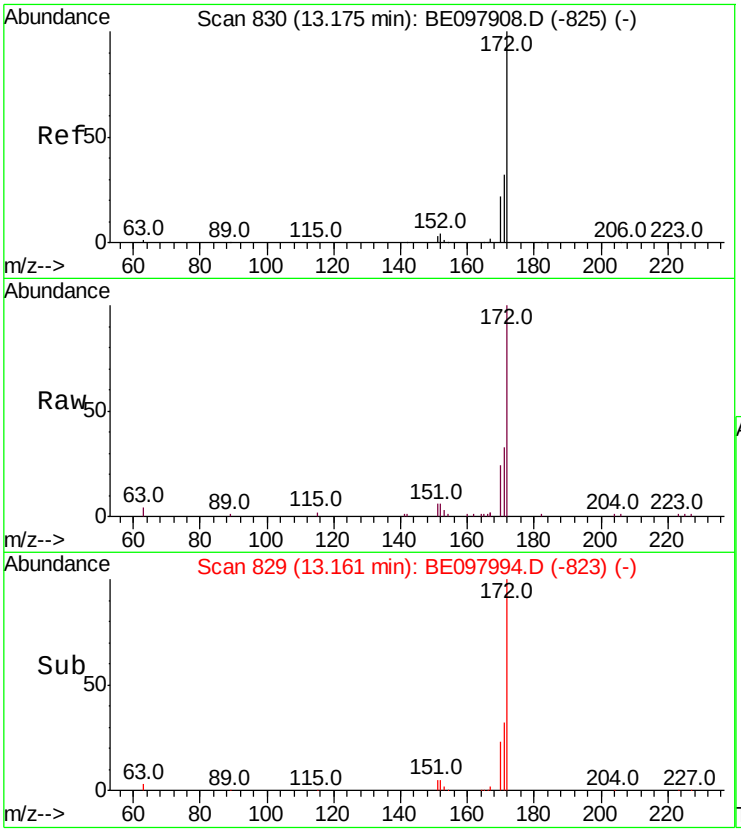


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:330 Resp: 1231

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	39.6	31.8	47.6



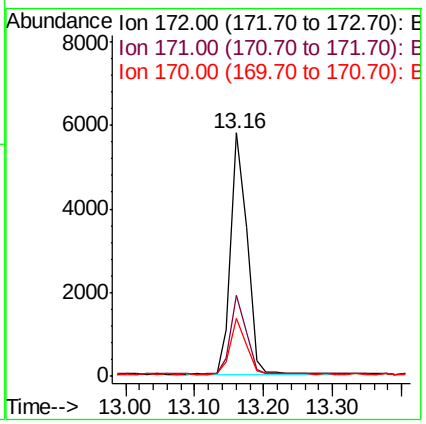


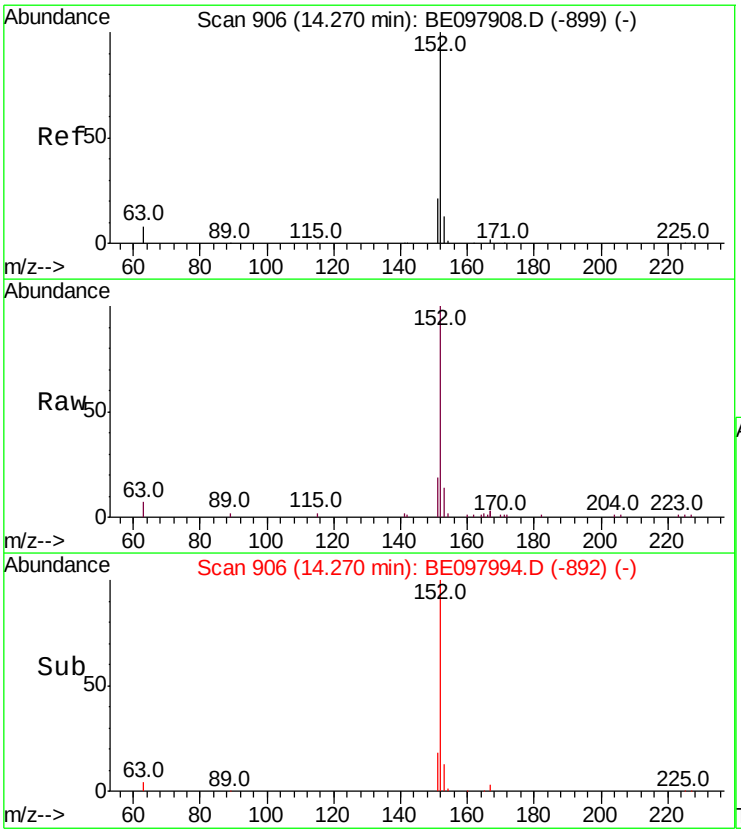
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9330

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.0	39.0
170	24.1	18.0	27.0

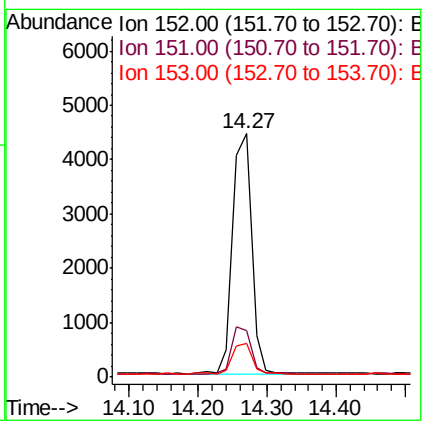


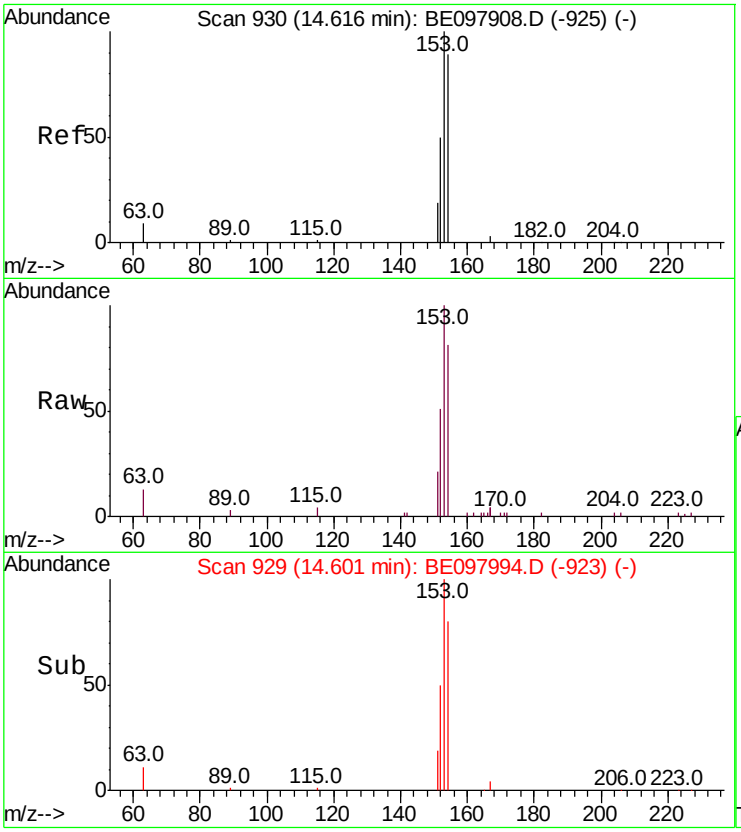


#16
Acenaphthylene
Concen: 0.288 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:152 Resp: 8508

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	10.9	16.3



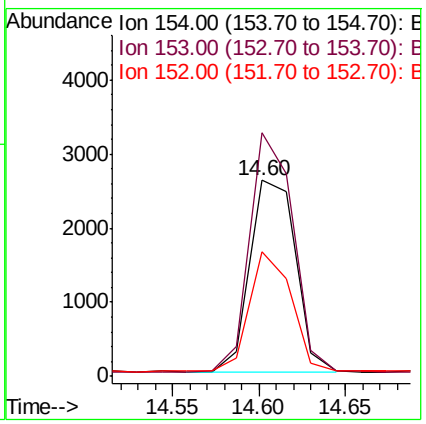


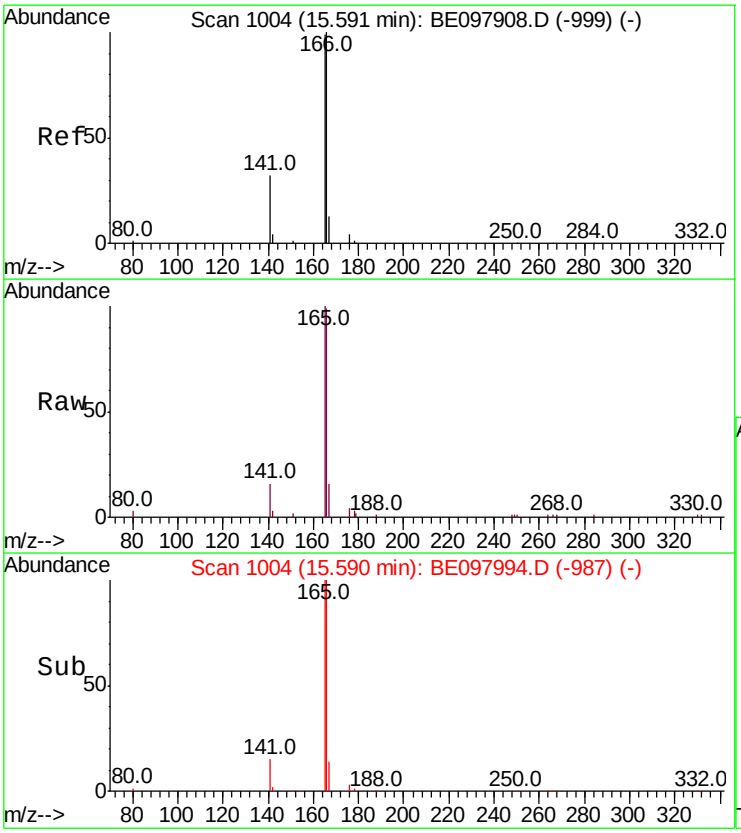
#17
Acenaphthene
Concen: 0.265 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4772

Ion	Ratio	Lower	Upper
154	100		
153	119.3	92.6	139.0
152	58.3	45.5	68.3

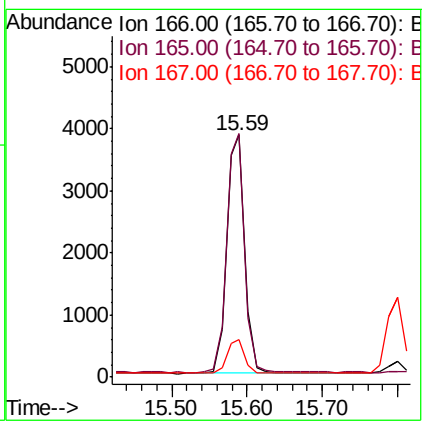


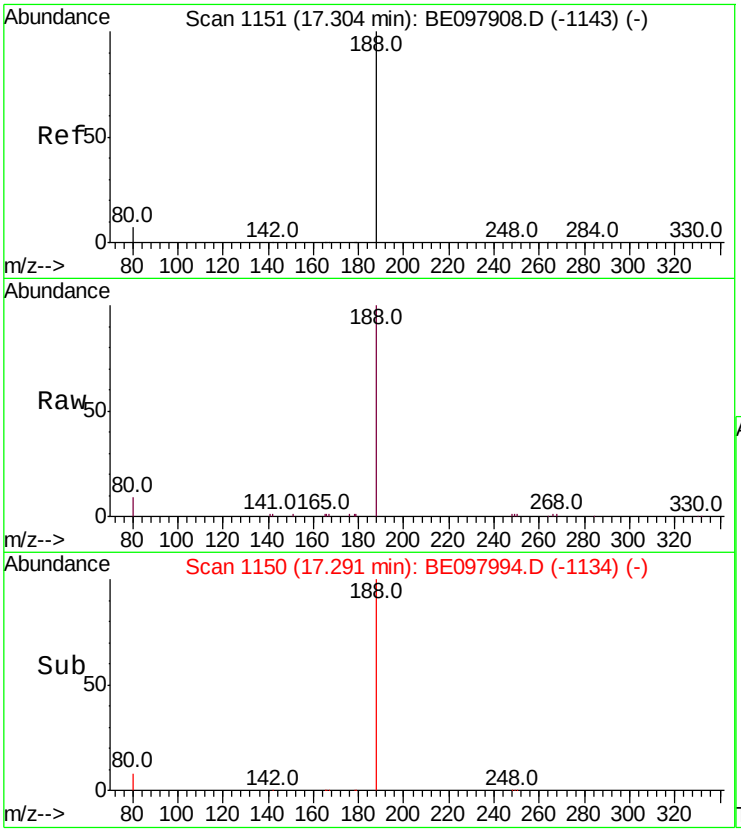


#18
Fluorene
Concen: 0.263 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:166 Resp: 6530

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	14.1	11.0	16.6



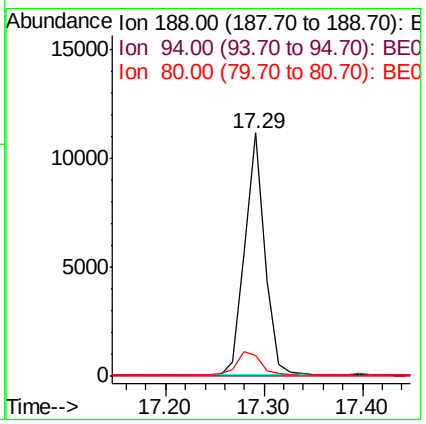


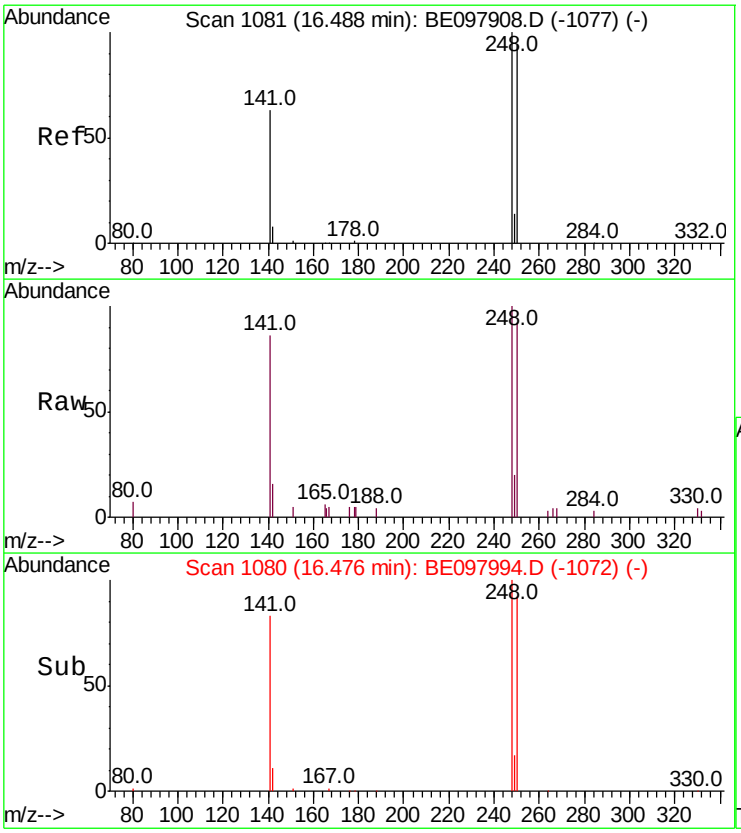
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 15685

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.3	9.5

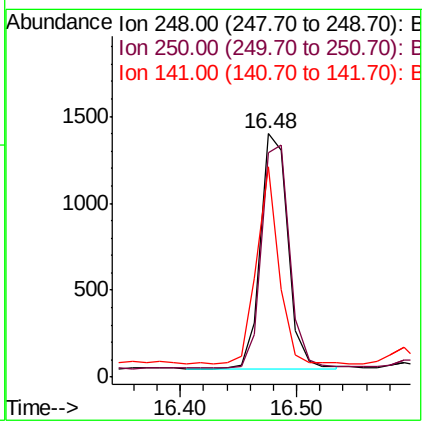


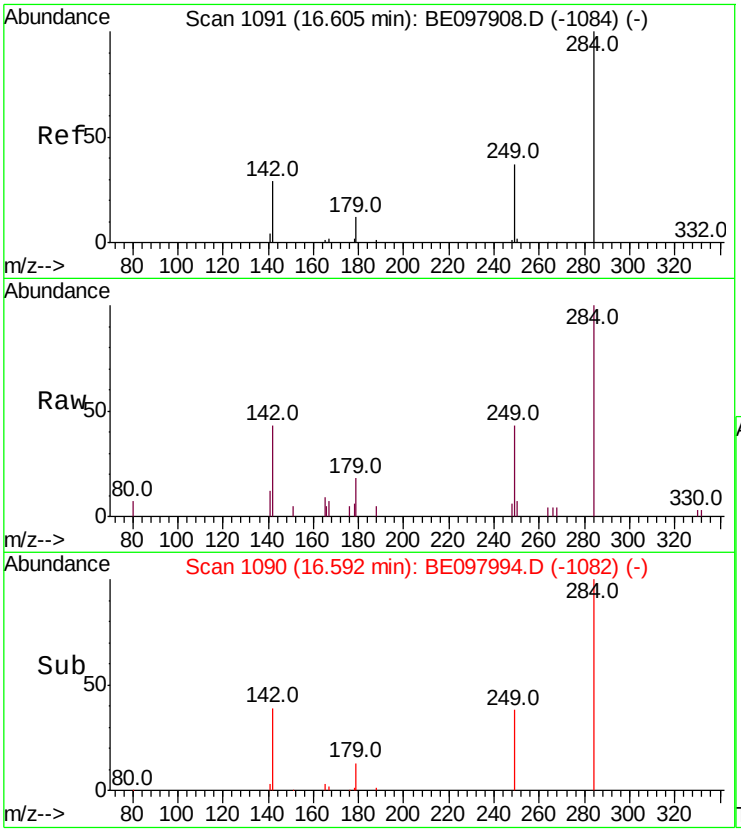


#20
4-Bromophenyl-phenylether
Concen: 0.260 ng
RT: 16.48 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:248 Resp: 2231

Ion	Ratio	Lower	Upper
248	100		
250	92.0	75.1	112.7
141	86.2	51.8	77.8#



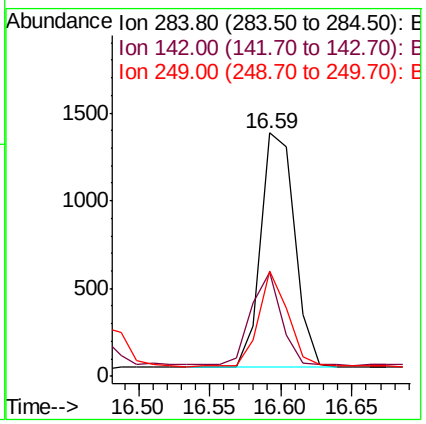


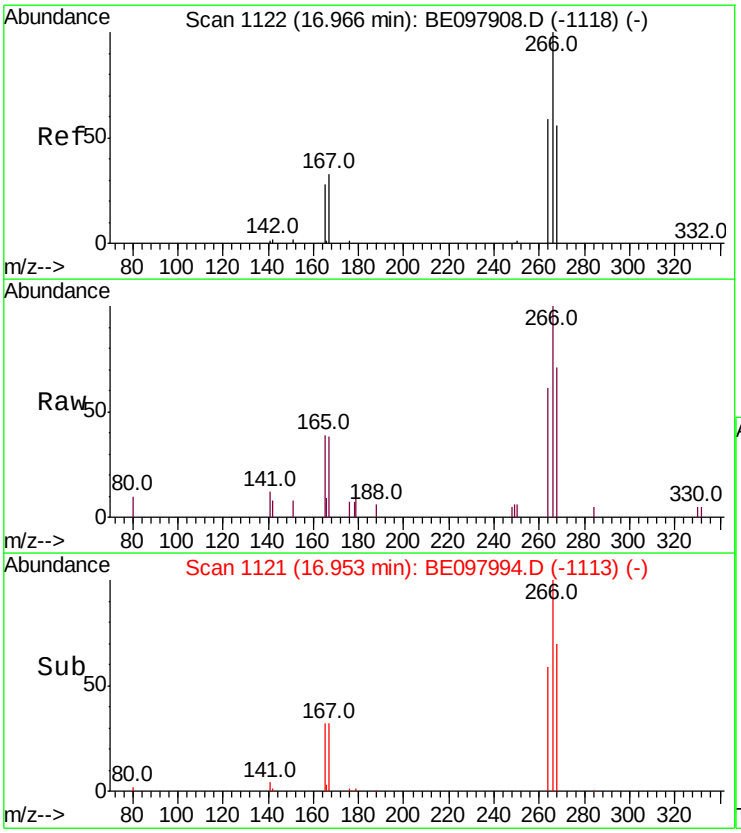
#21
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2206

Ion	Ratio	Lower	Upper
284	100		
142	35.3	25.9	38.9
249	36.4	26.6	40.0

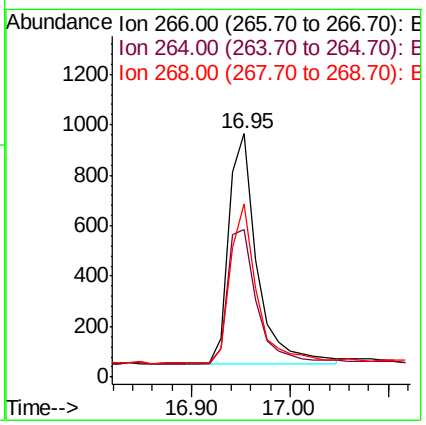


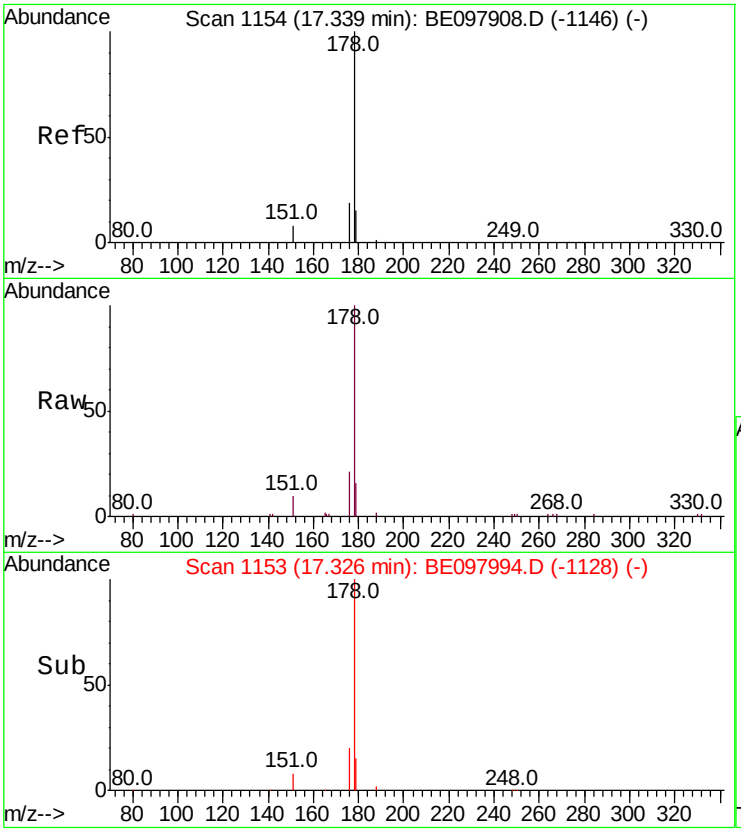


#22
Pentachlorophenol
Concen: 0.783 ng
RT: 16.95 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:266 Resp: 1818

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.3	76.9
268	71.2	50.1	75.1



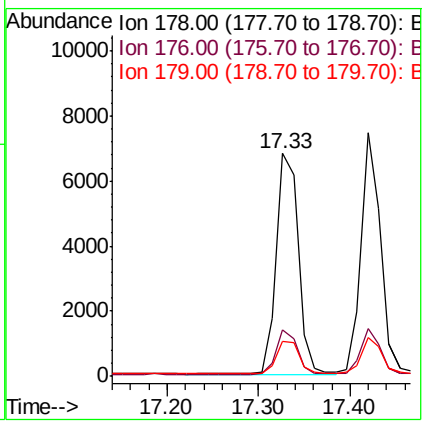


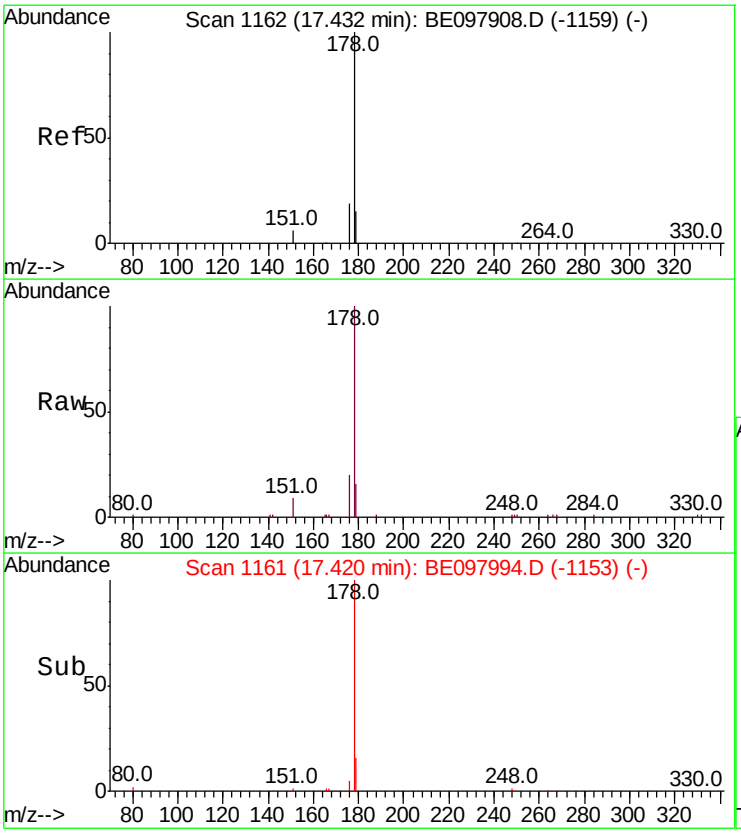
#23
Phenanthrene
Concen: 0.285 ng
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11343

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.2	18.4

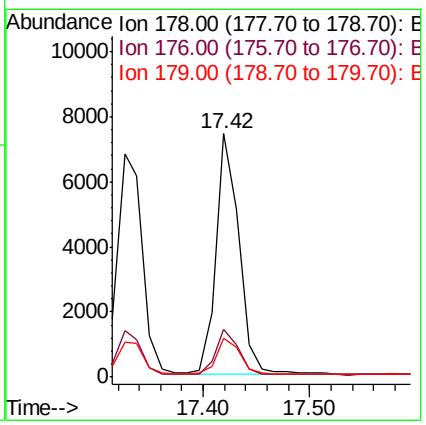


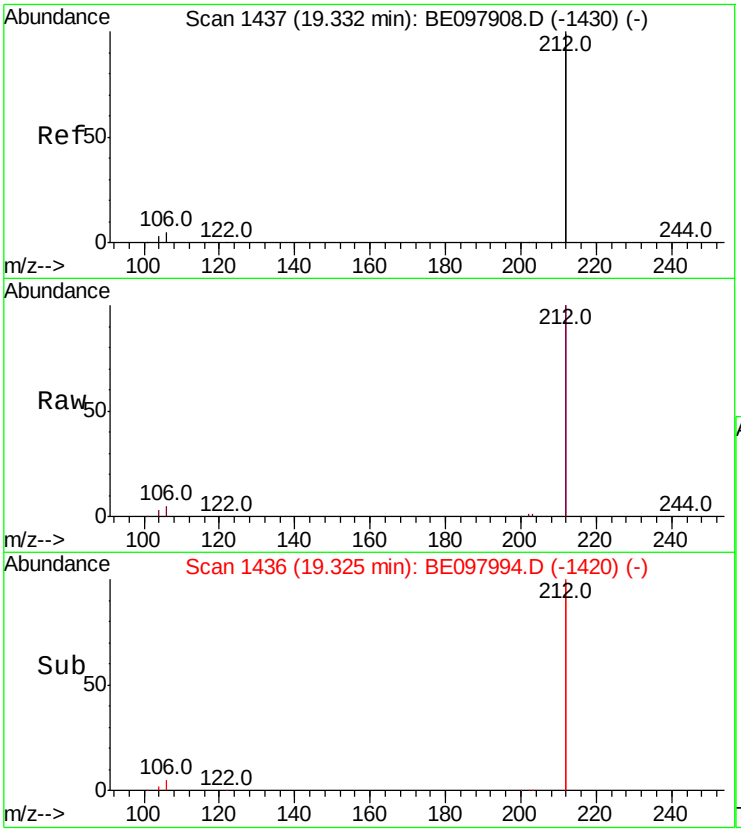


#24
Anthracene
Concen: 0.291 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:178 Resp: 10950

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	11.9	17.9



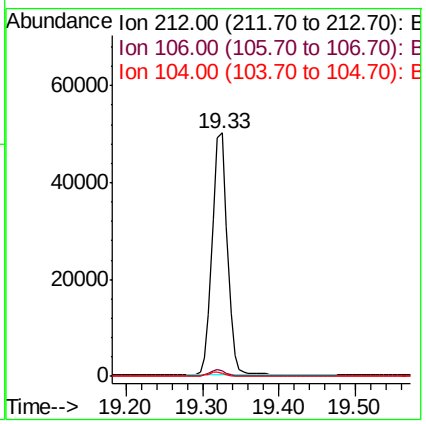


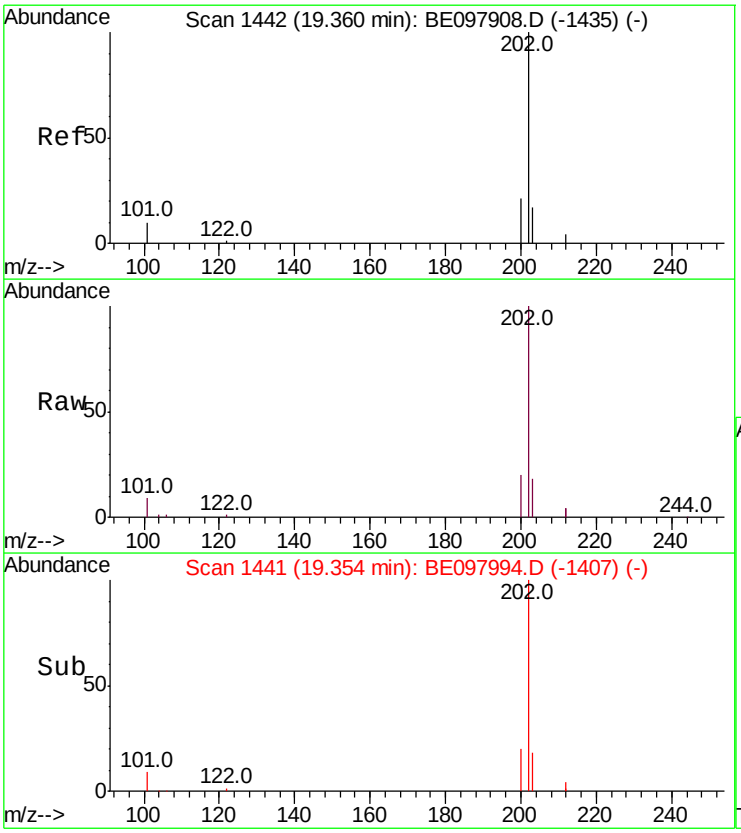
#25
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 69096

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.3	3.5
104	1.6	1.3	1.9

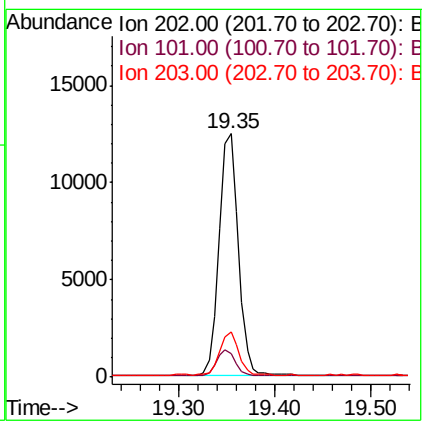


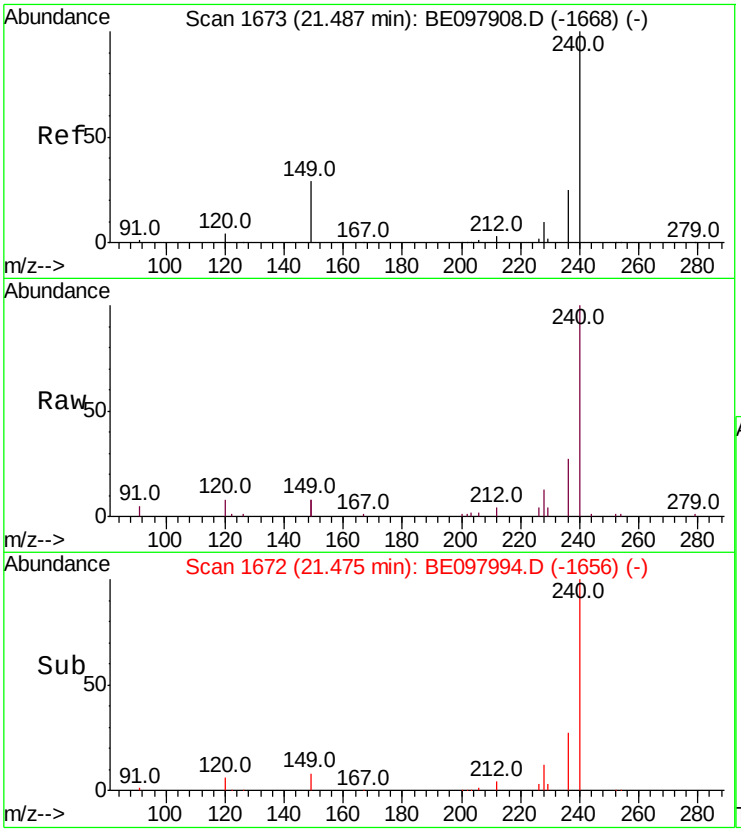


#26
Fluoranthene
Concen: 0.333 ng
RT: 19.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:202 Resp: 17424

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.2
203	17.5	15.0	22.4



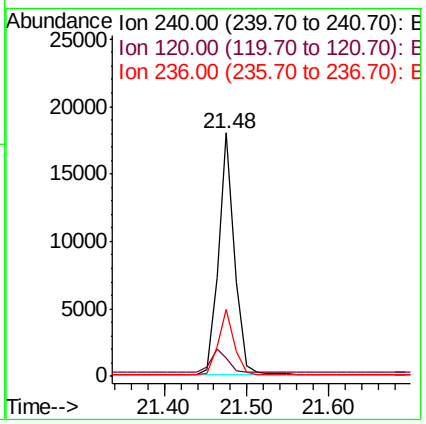


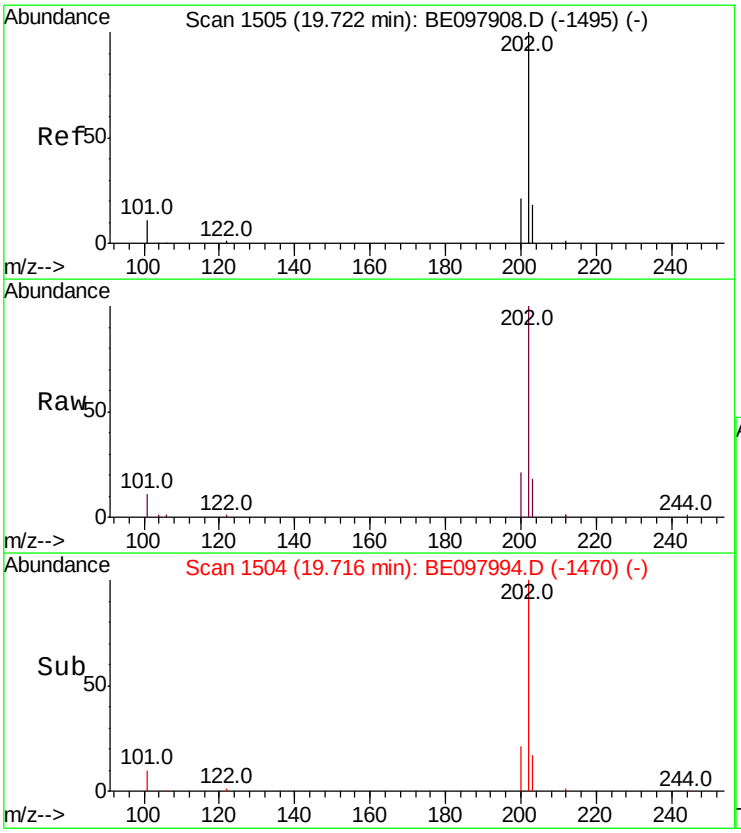
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 24447

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	27.4	21.3	31.9

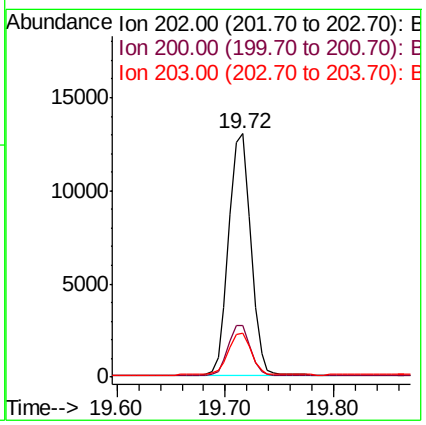


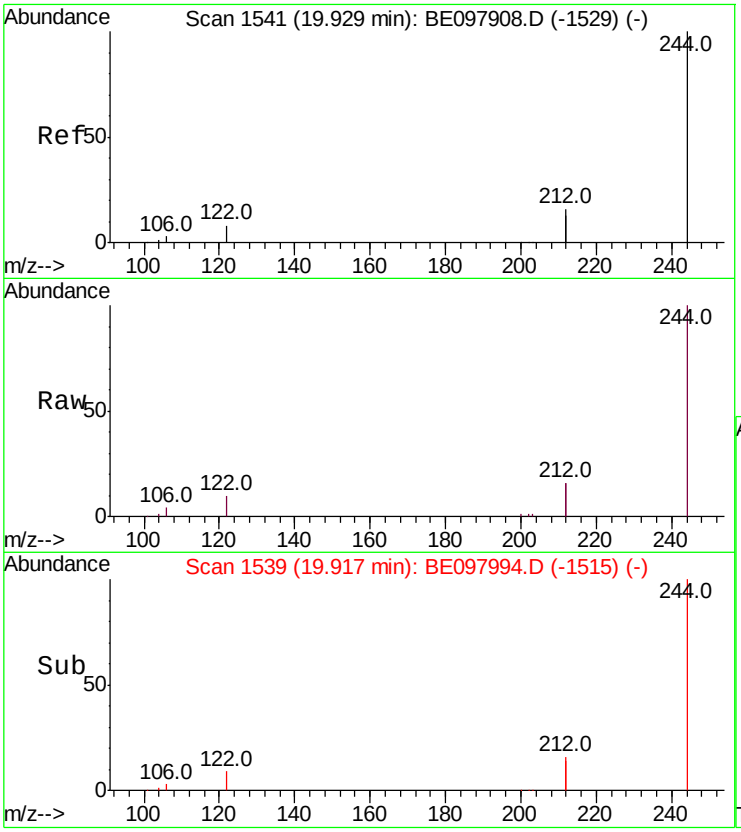


#28
Pyrene
Concen: 0.261 ng
RT: 19.72 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:202 Resp: 18428

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.4	14.2	21.4



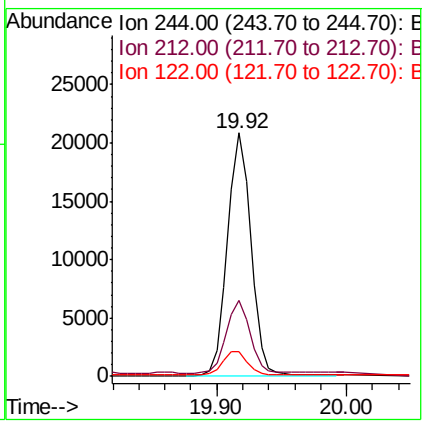


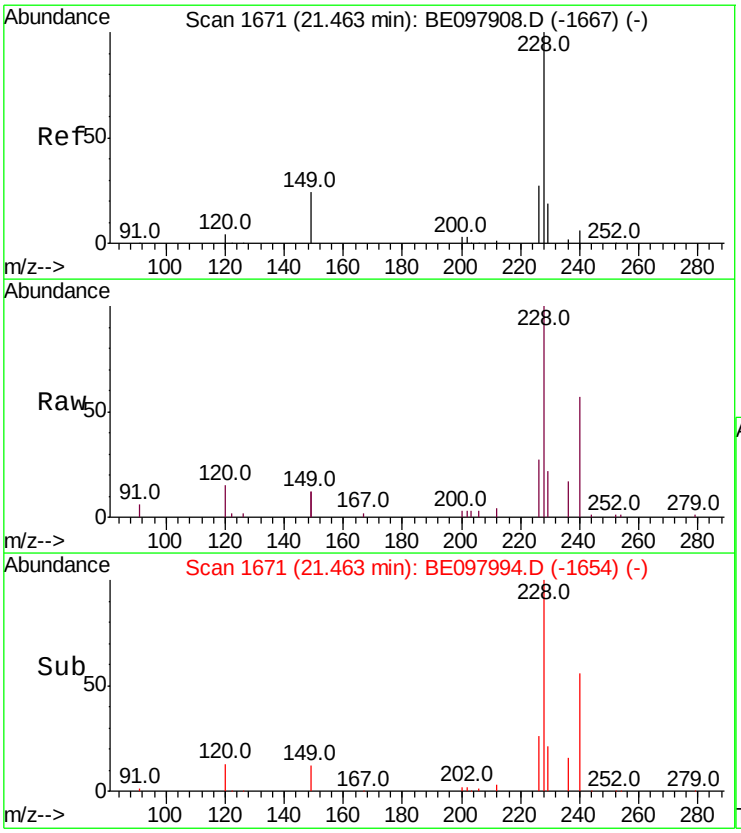
#29
Terphenyl-d14
Concen: 0.462 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25905

Ion	Ratio	Lower	Upper
244	100		
212	31.0	26.2	39.2
122	9.9	7.7	11.5

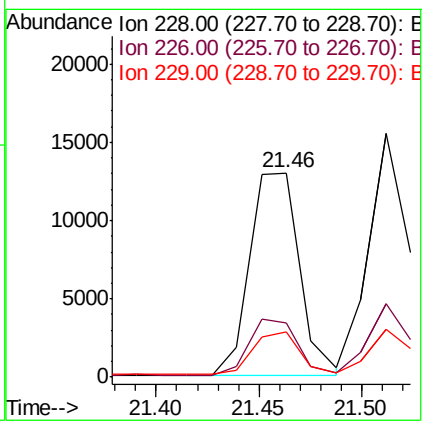


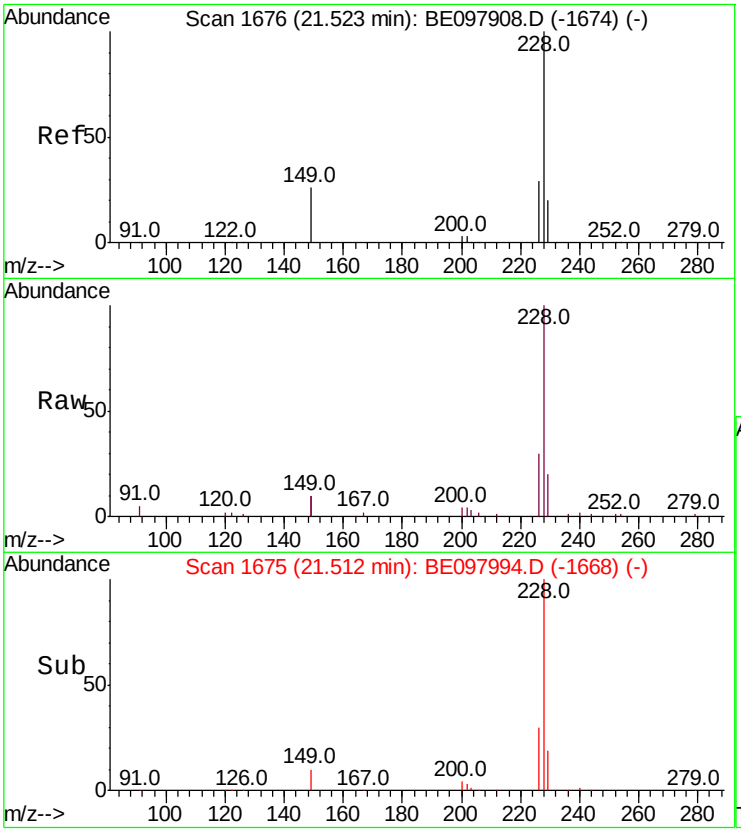


#30
Benzo(a)anthracene
Concen: 0.293 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:228 Resp: 21970

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	21.9	16.9	25.3



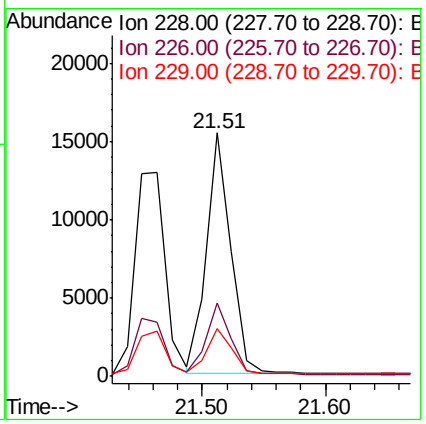


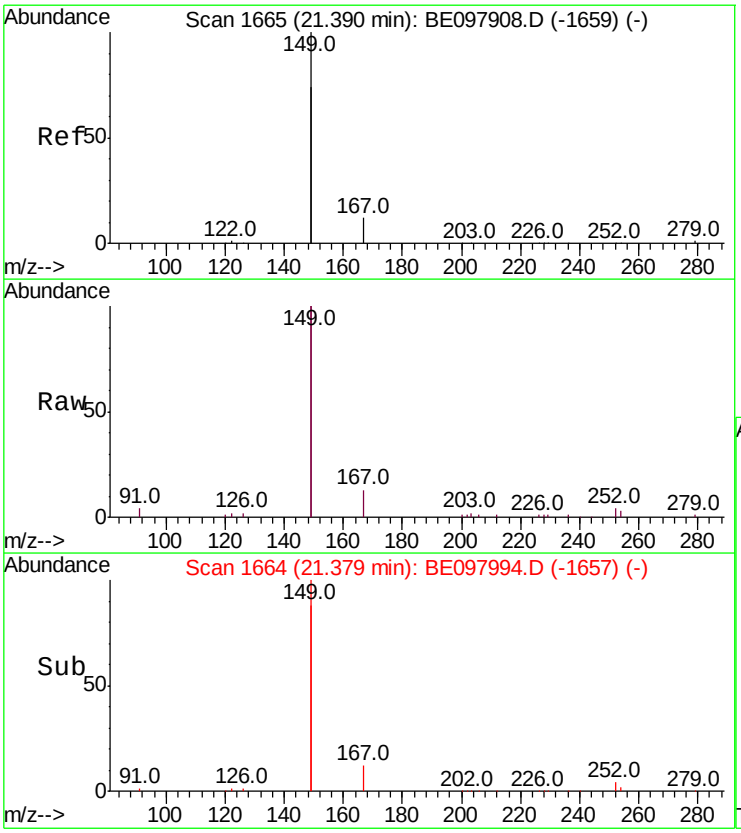
#31
Chrysene
Concen: 0.297 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 21098

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.6	17.3	25.9

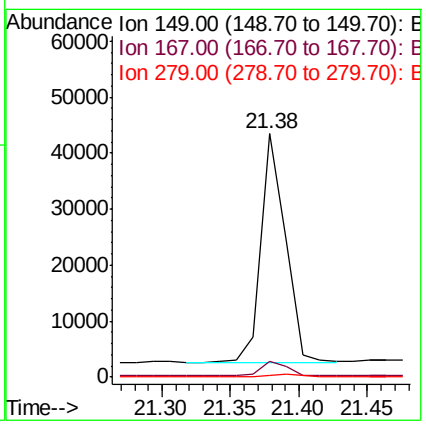


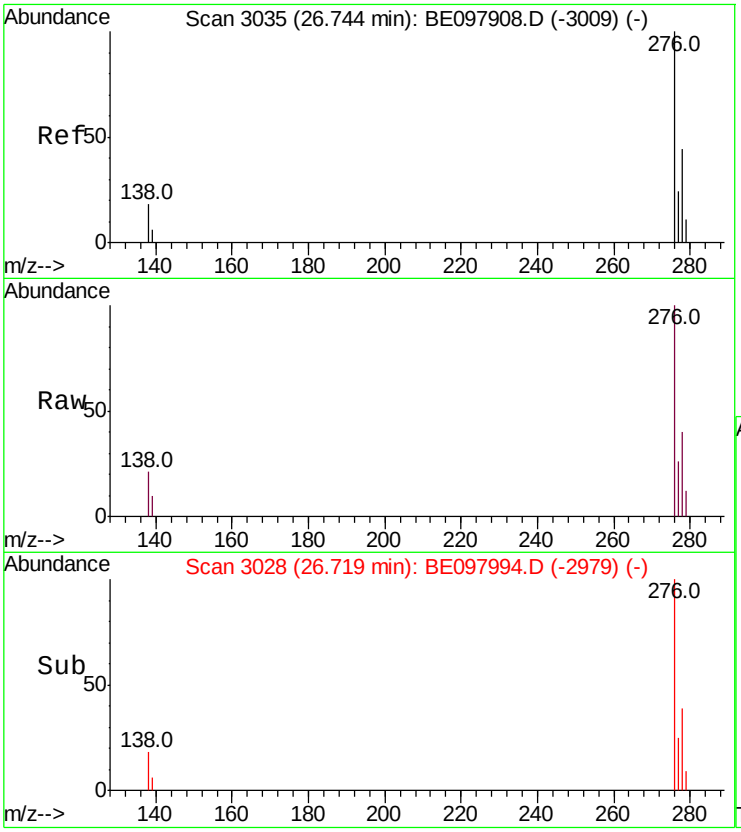


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.243 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:149 Resp: 50144

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.6	8.4
279	1.2	0.9	1.3



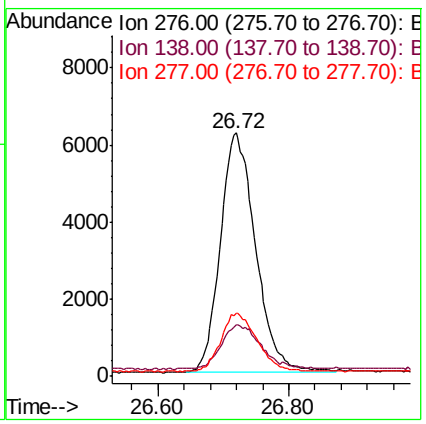


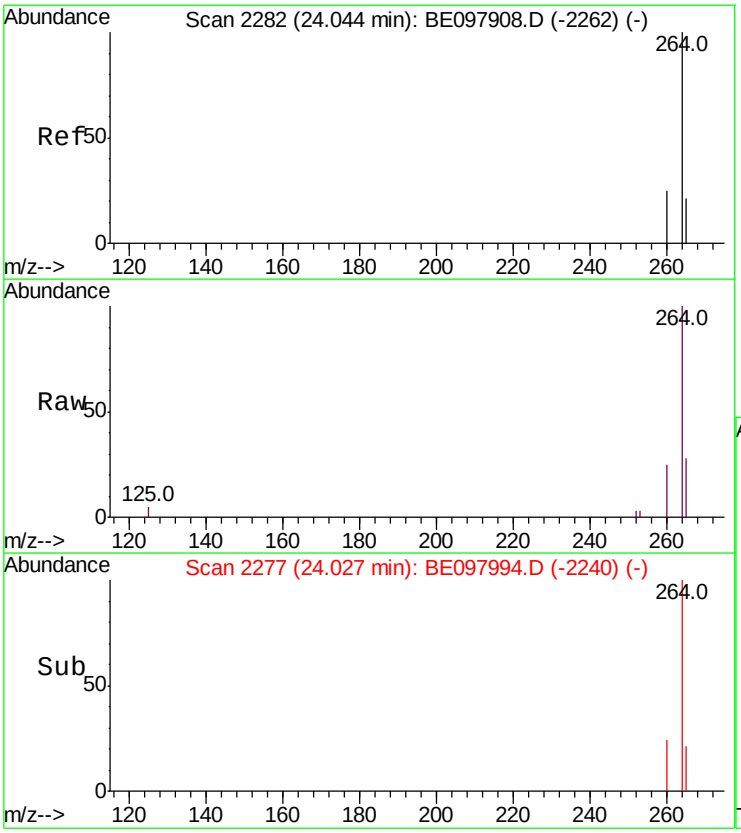
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.03 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23319

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.3	20.5	30.7

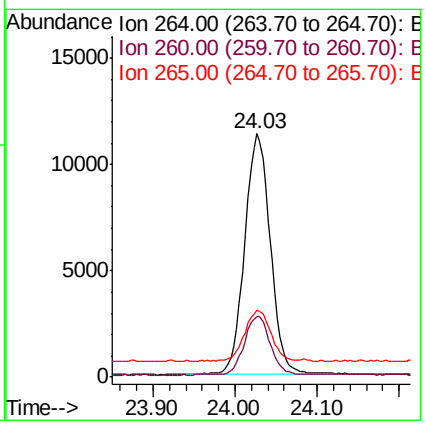


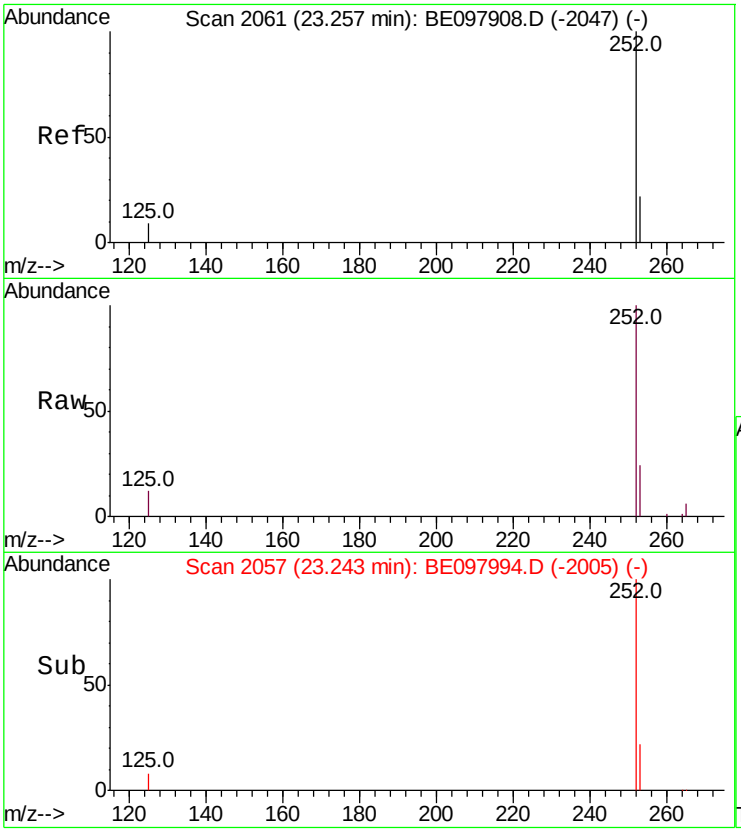


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:264 Resp: 24620

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.1	31.7
265	27.7	29.2	43.8#



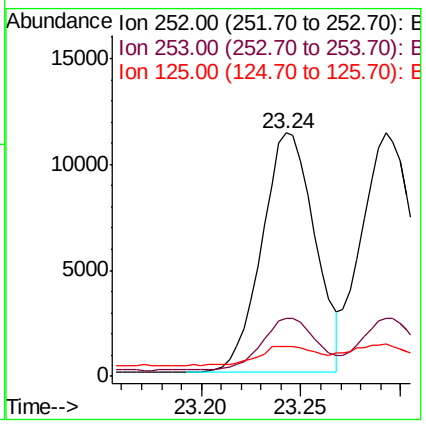


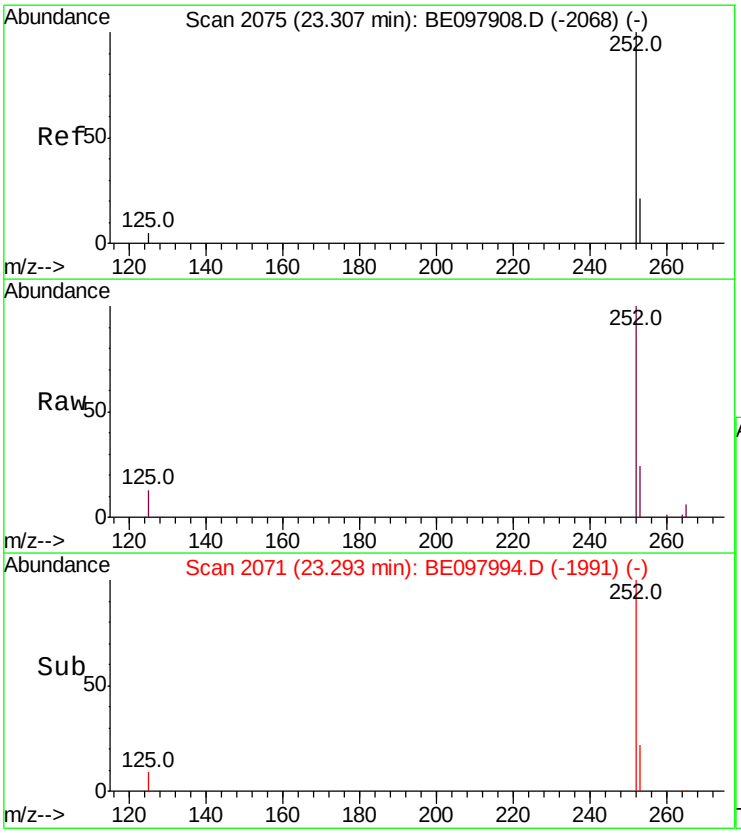
#35
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 23.24 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20918

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	31.0
125	12.4	14.3	21.5#

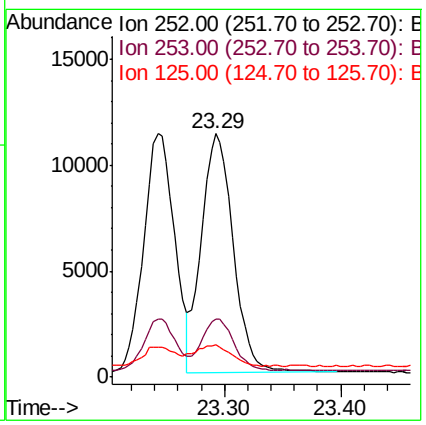


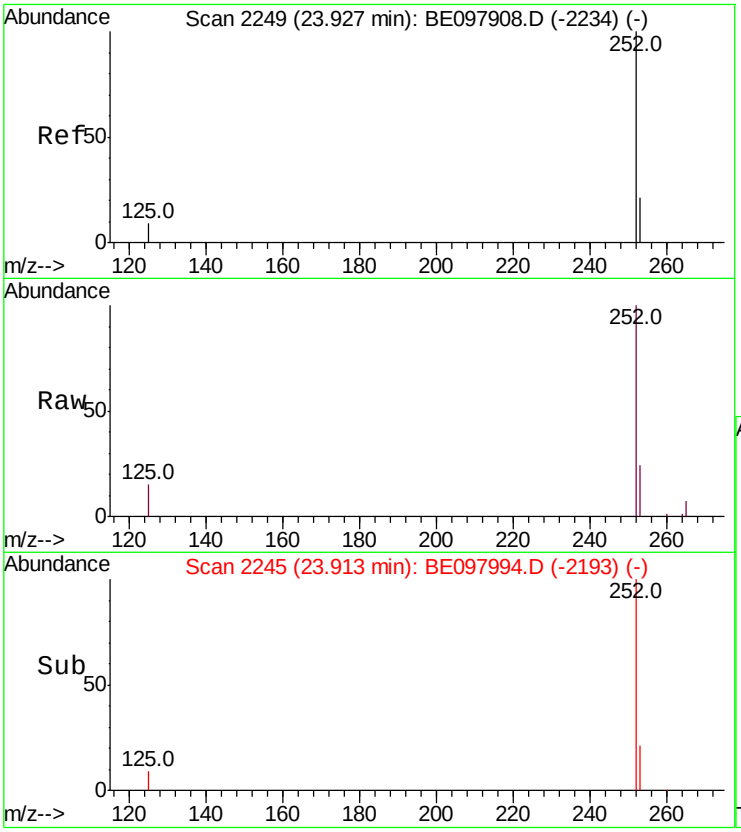


#36
Benzo(k)fluoranthene
Concen: 0.290 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:252 Resp: 21391

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.4	30.6
125	13.2	14.6	21.8#



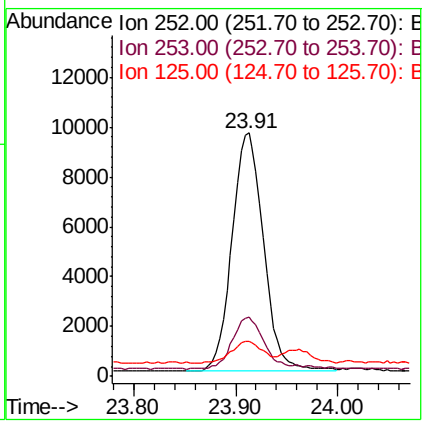


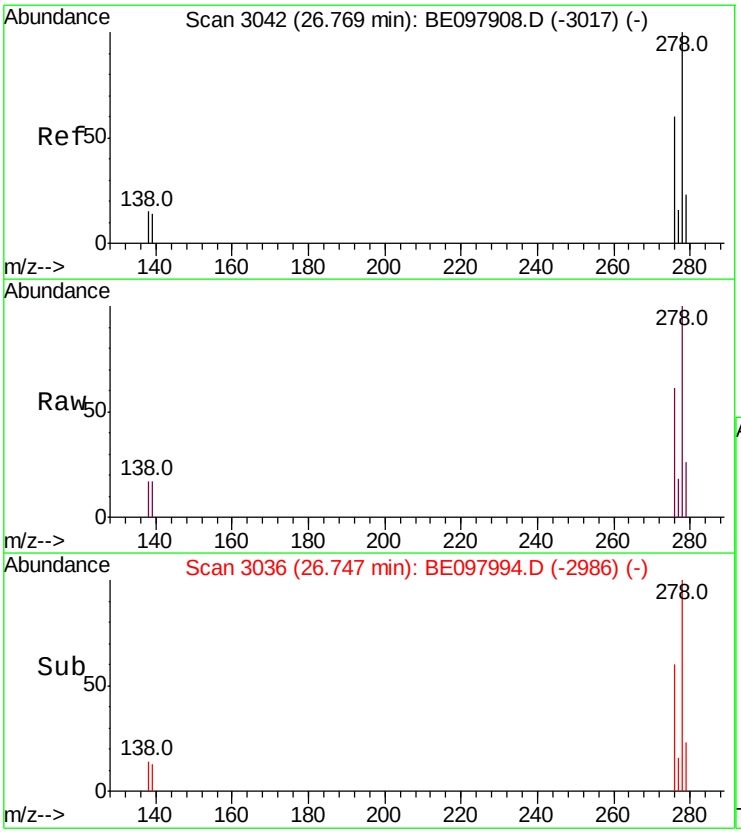
#37
Benzo(a)pyrene
Concen: 0.299 ng
RT: 23.91 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20656

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	31.0
125	14.6	15.6	23.4#

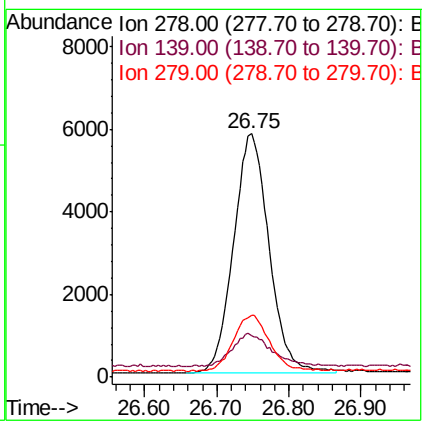


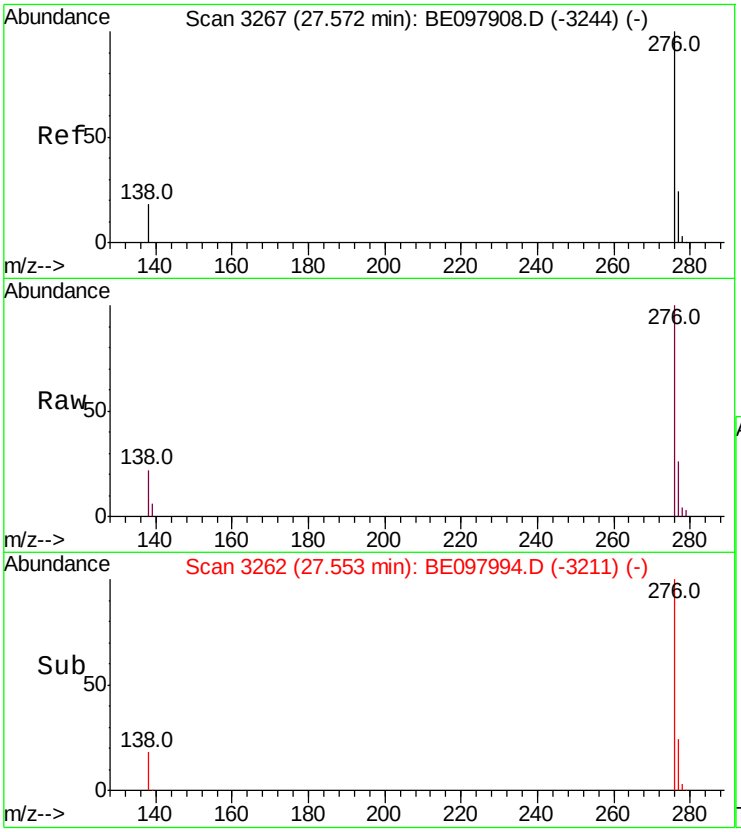


#38
Dibenzo(a,h)anthracene
Concen: 0.286 ng
RT: 26.75 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Tgt Ion:278 Resp: 19374

Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.3	24.5
279	25.5	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.284 ng
RT: 27.55 min Scan# 3262
Delta R.T. -0.02 min
Lab File: BE097994.D
Acq: 19 Oct 2018 16:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19693

Ion	Ratio	Lower	Upper
276	100		
277	26.1	22.1	33.1
138	21.6	19.3	28.9