Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097607.D
Acq On : 21 Sep 2018 12:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 21 13:26:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	960	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	4748	0.40	ng		-0.01
13) Acenaphthene-d10	14.00	164	3420	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	10347	0.40	ng		0.00
27) Chrysene-d12	20.97	240	11641	0.40	ng		0.00
34) Perylene-d12	23.20	264	11503	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1046	0.36	ng		0.00
5) Phenol-d6	6.60	99	1405	0.38	ng		-0.01
8) Nitrobenzene-d5	8.53	82	1327	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2870	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	615	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	4399	0.36	ng		0.00
25) Fluoranthene-d10	18.80	212	43702	0.33	ng		0.00
29) Terphenyl-d14	19.42	244	8749	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	572	0.343	ng	#	85
3) n-Nitrosodimethylamine	3.37	42	441	0.320	ng		90
6) bis(2-Chloroethyl)ether	6.83	93	1289	0.378	ng		76
9) Naphthalene	10.17	128	17371	0.406	ng		100
10) Hexachlorobutadiene	10.46	225	785	0.398	ng		96
12) 2-Methylnaphthalene	11.79	142	2856	0.428	ng		98
16) Acenaphthylene	13.71	152	5435	0.402	ng		99
17) Acenaphthene	14.06	154	3572	0.394	ng		95
18) Fluorene	15.05	166	4922	0.417	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1799	0.386	ng	#	81
21) Hexachlorobenzene	16.07	284	2090	0.408	ng	#	85
22) Pentachlorophenol	16.44	266	534	0.362	ng	#	76
23) Phenanthrene	16.80	178	9616	0.391	ng		99
24) Anthracene	16.89	178	8137	0.375	ng		96
26) Fluoranthene	18.83	202	11399	0.334	ng		99
28) Pyrene	19.19	202	11646	0.440	ng		99
30) Benzo(a)anthracene	20.95	228	11004	0.375	ng		95
31) Chrysene	21.00	228	12225	0.389	ng		100
32) Bis(2-ethylhexyl)phthalate	20.89	149	15744	0.330	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	14799	0.391	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	10749	0.364	ng	#	88
36) Benzo(k)fluoranthene	22.57	252	13205	0.392	ng		95
37) Benzo(a)pyrene	23.10	252	10946	0.384	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	12273	0.397	ng	#	95
39) Benzo(g,h,i)perylene	26.20	276	11821	0.393	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
Data File : BE097607.D
Acq On : 21 Sep 2018 12:19
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 21 13:26:25 2018
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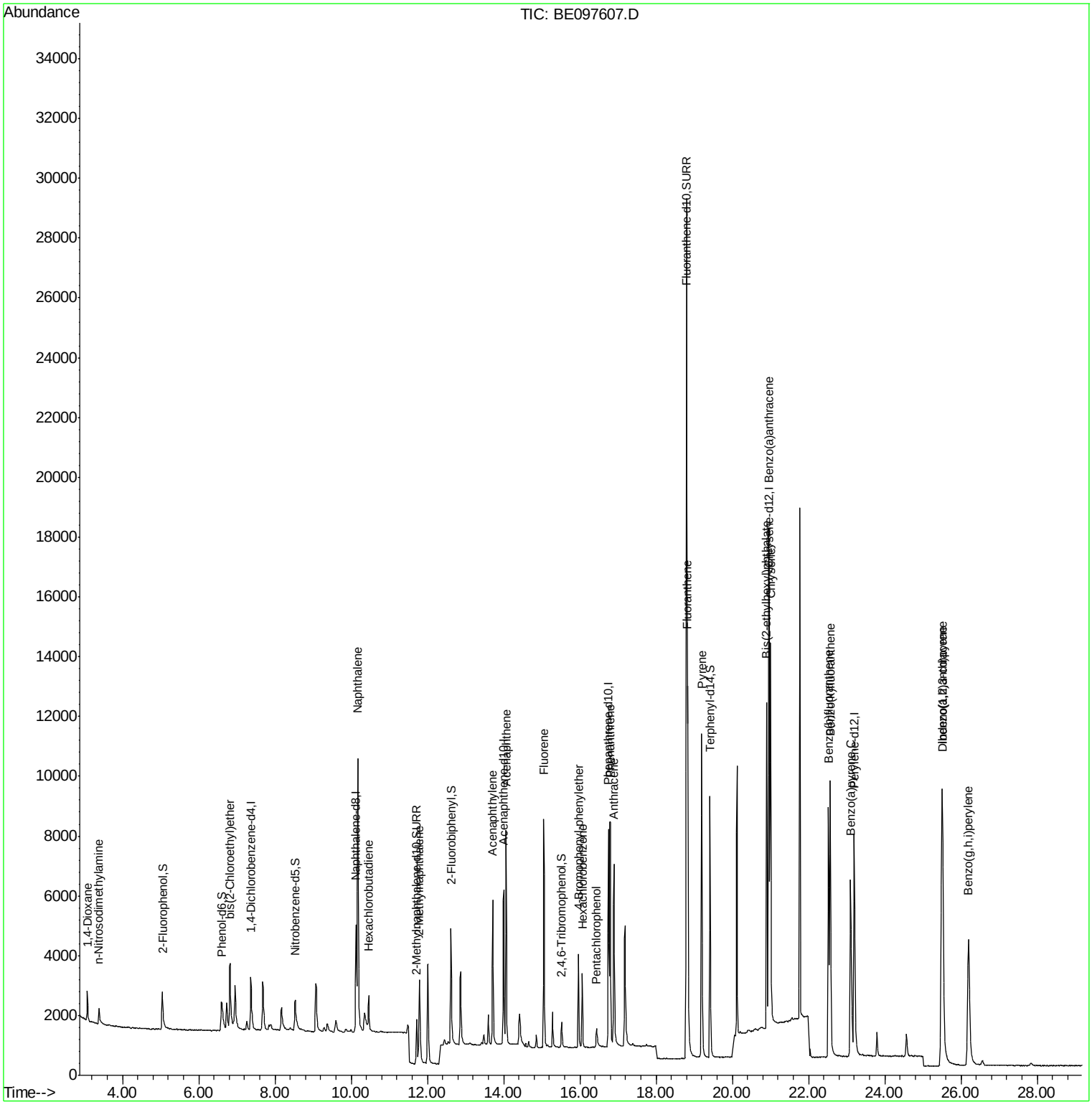
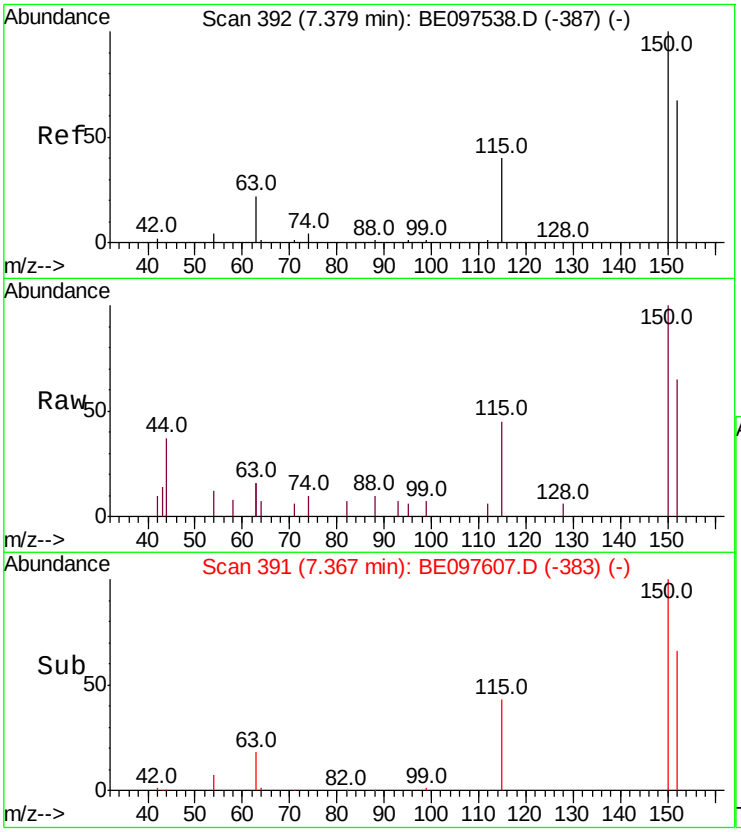
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration



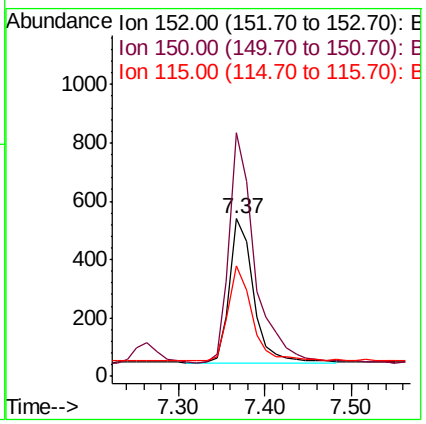


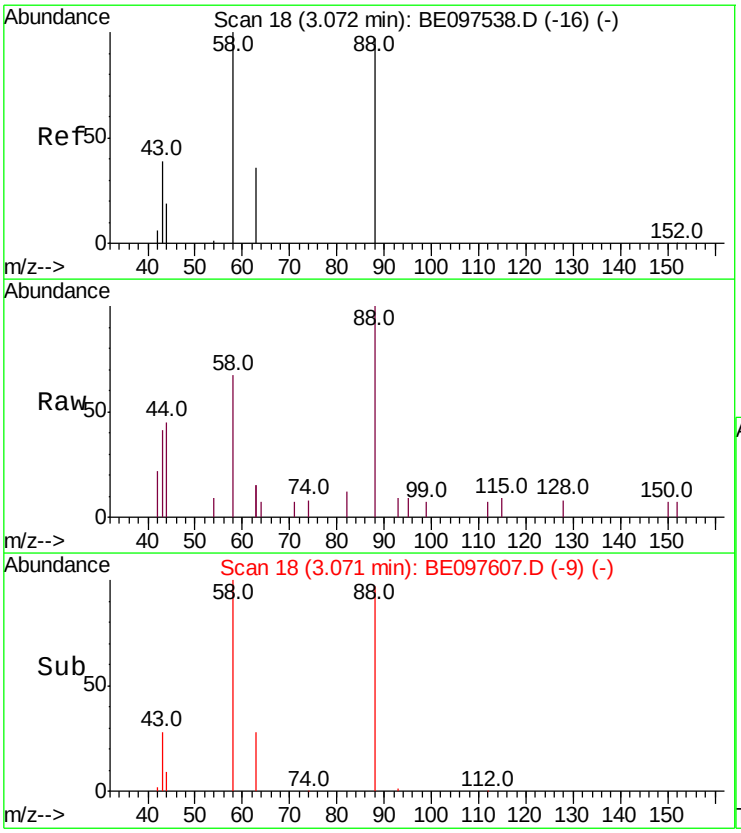
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 960

Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.2	175.8
115	69.8	57.0	85.6

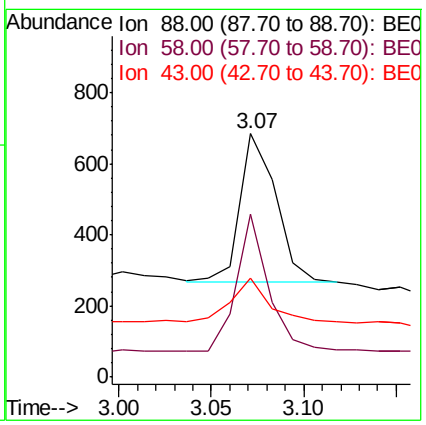


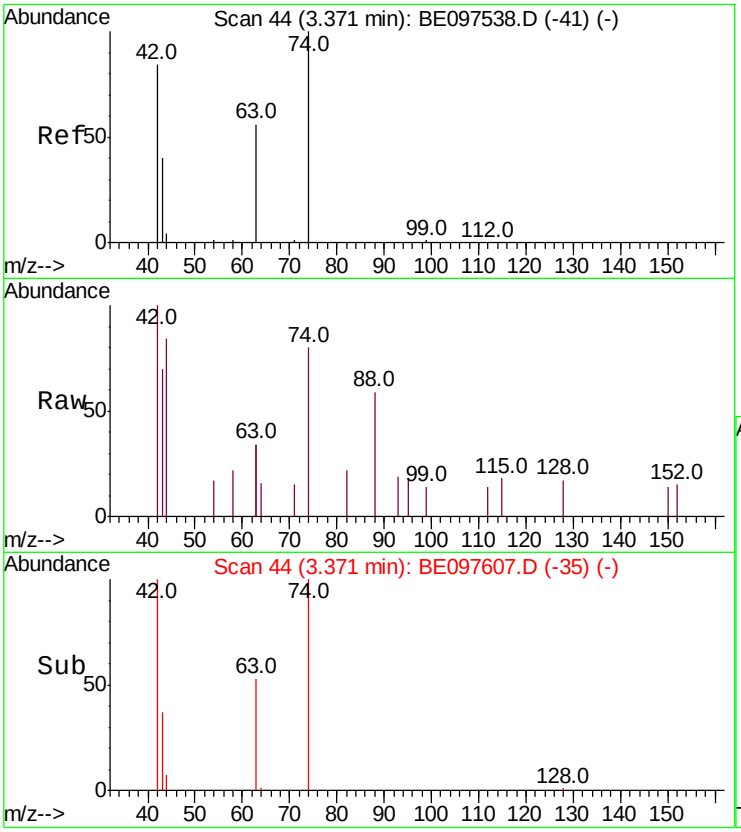


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion: 88 Resp: 572

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.2	94.8
43	30.1	41.2	61.8#



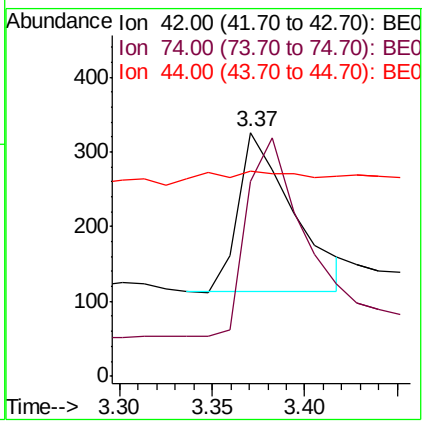


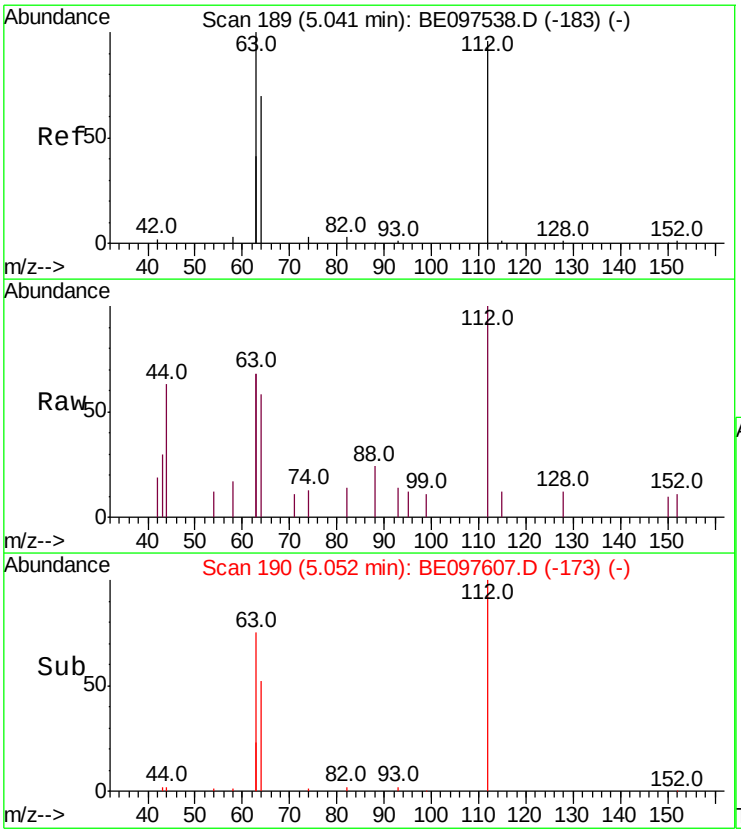
#3
n-Nitrosodimethylamine
Concen: 0.320 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 441

Ion	Ratio	Lower	Upper
42	100		
74	132.2	96.0	144.0
44	15.9	12.0	18.0

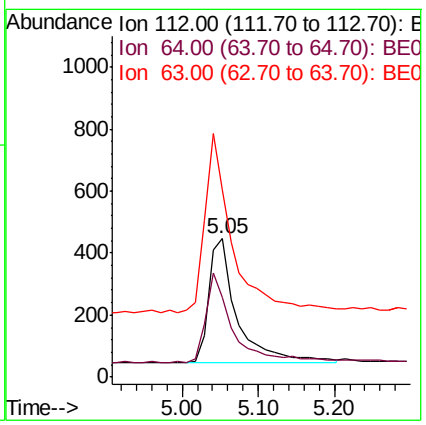


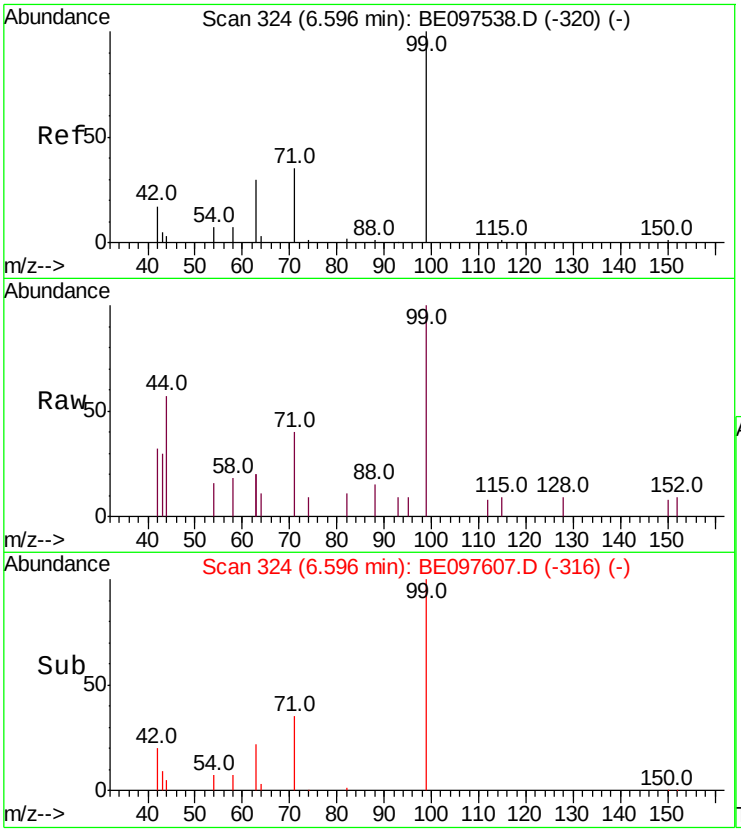


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:112 Resp: 1046

Ion	Ratio	Lower	Upper
112	100		
64	67.6	60.1	90.1
63	138.4	116.8	175.2



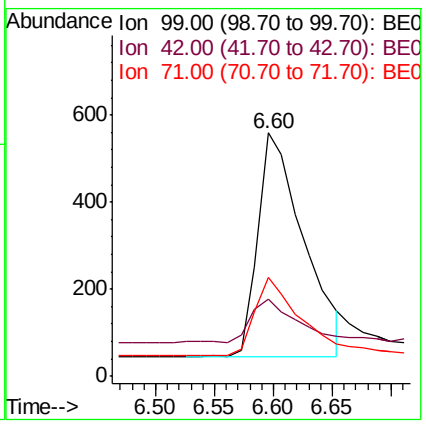


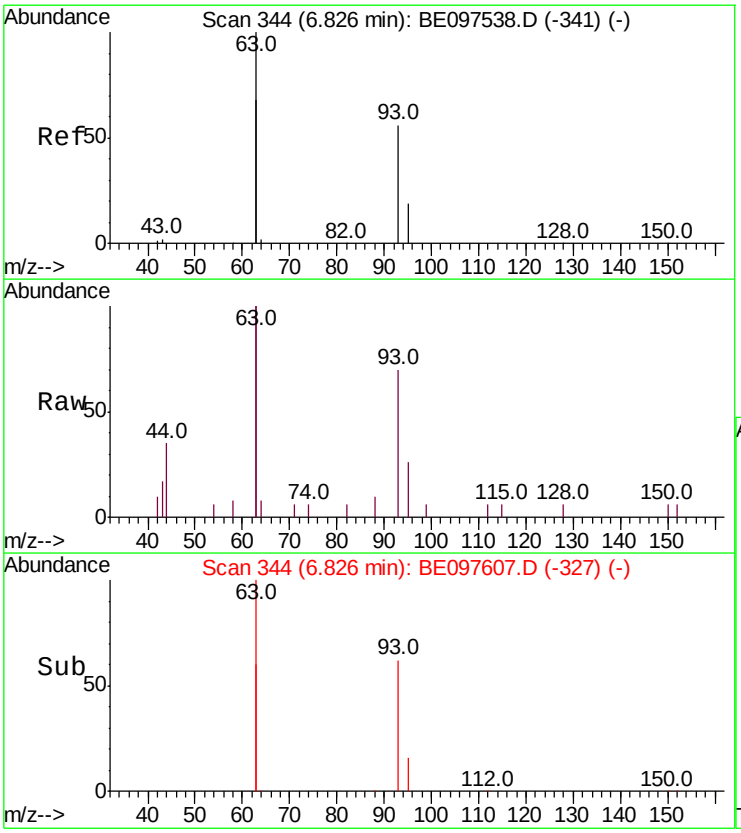
#5
Phenol-d6
Concen: 0.382 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1405

Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.2	30.2#
71	33.8	28.4	42.6

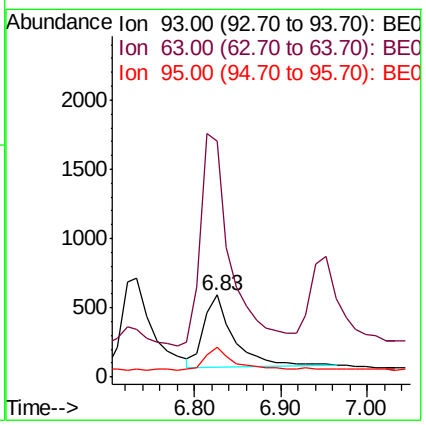


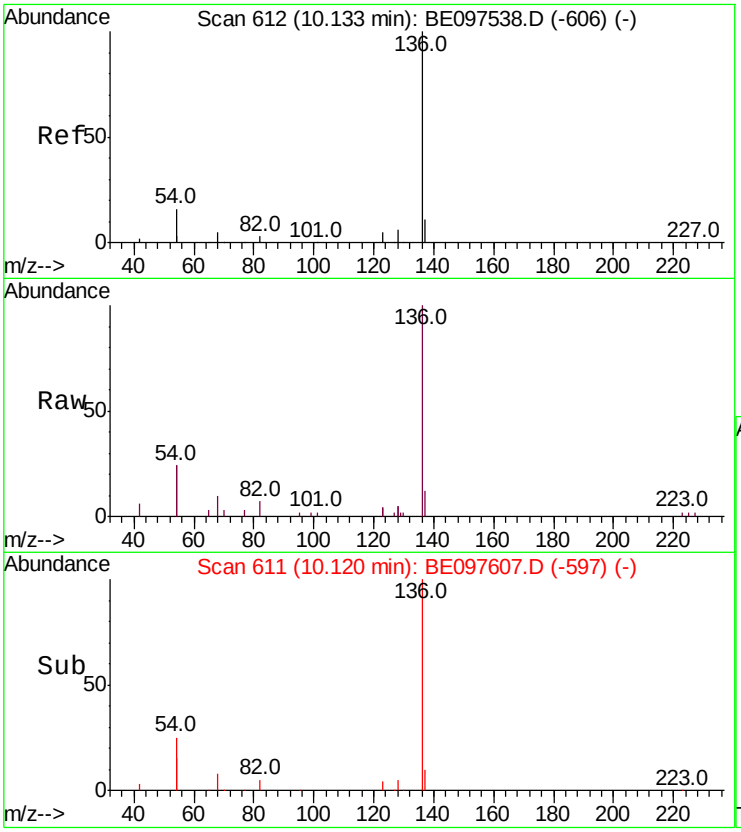


#6
bis(2-Chloroethyl)ether
Concen: 0.378 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion: 93 Resp: 1289

Ion	Ratio	Lower	Upper
93	100		
63	287.4	275.3	412.9
95	30.8	25.2	37.8



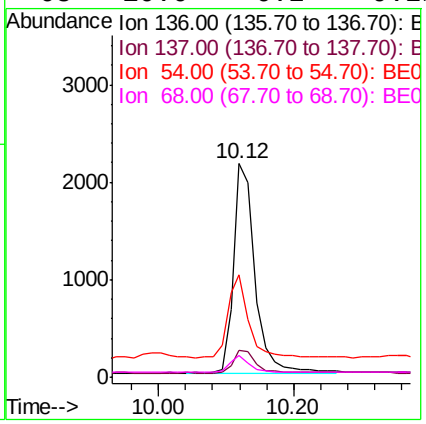


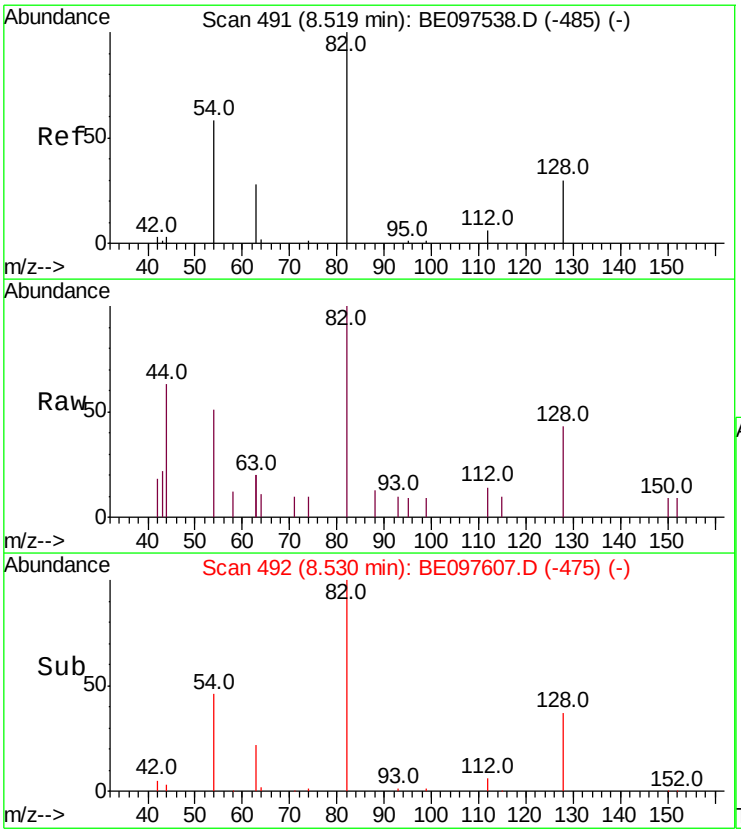
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4748

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	48.0	29.1	43.7#
68	10.0	6.2	9.2#

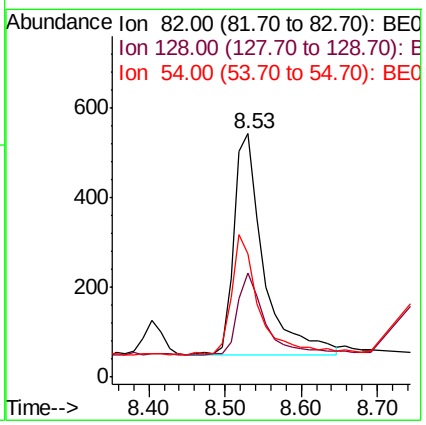


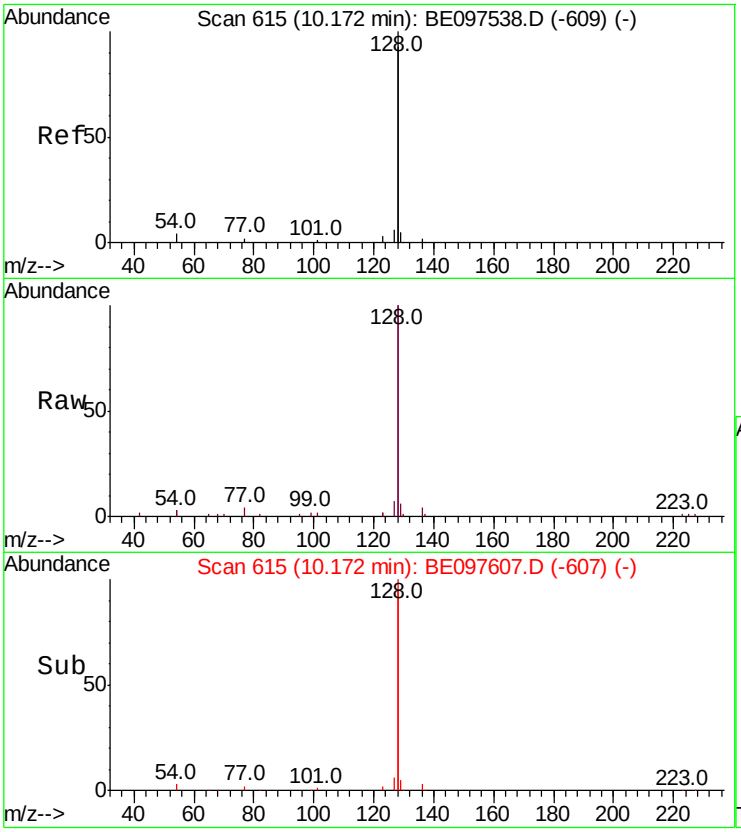


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion: 82 Resp: 1327

Ion	Ratio	Lower	Upper
82	100		
128	42.8	24.0	36.0#
54	50.9	40.0	60.0



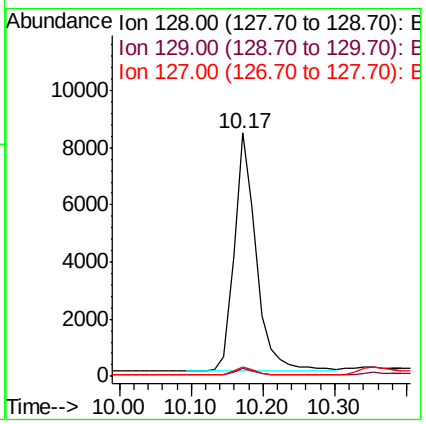


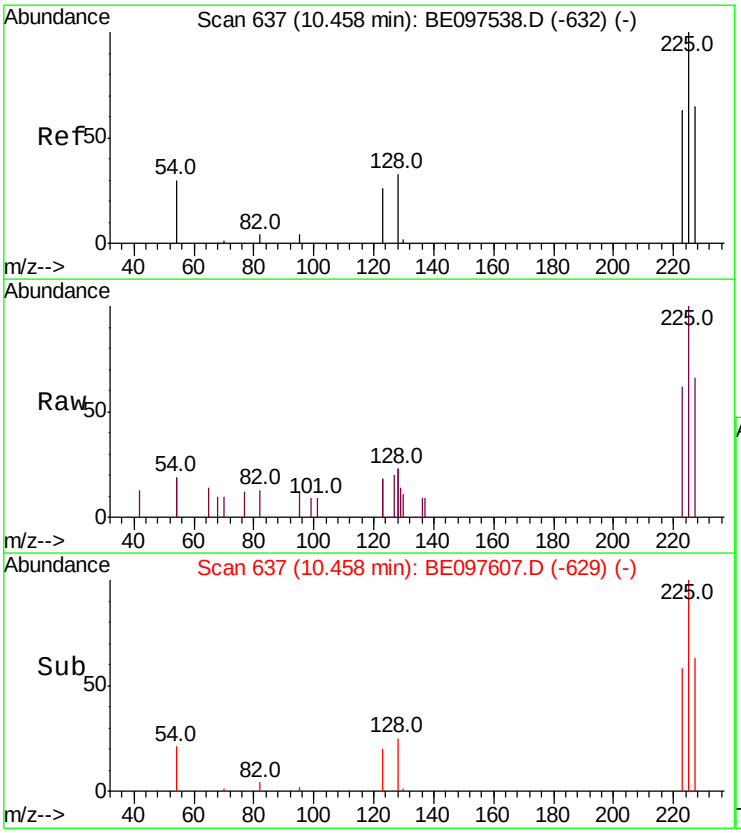
#9
Naphthalene
Concen: 0.406 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17371

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.6	2.8	4.2

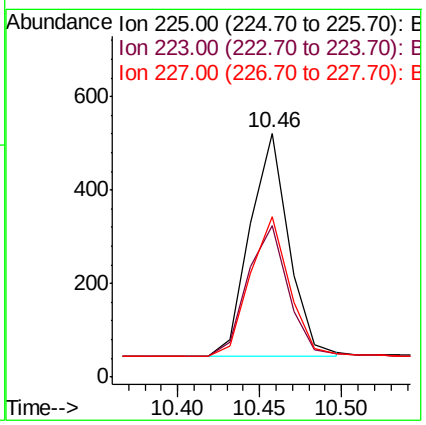


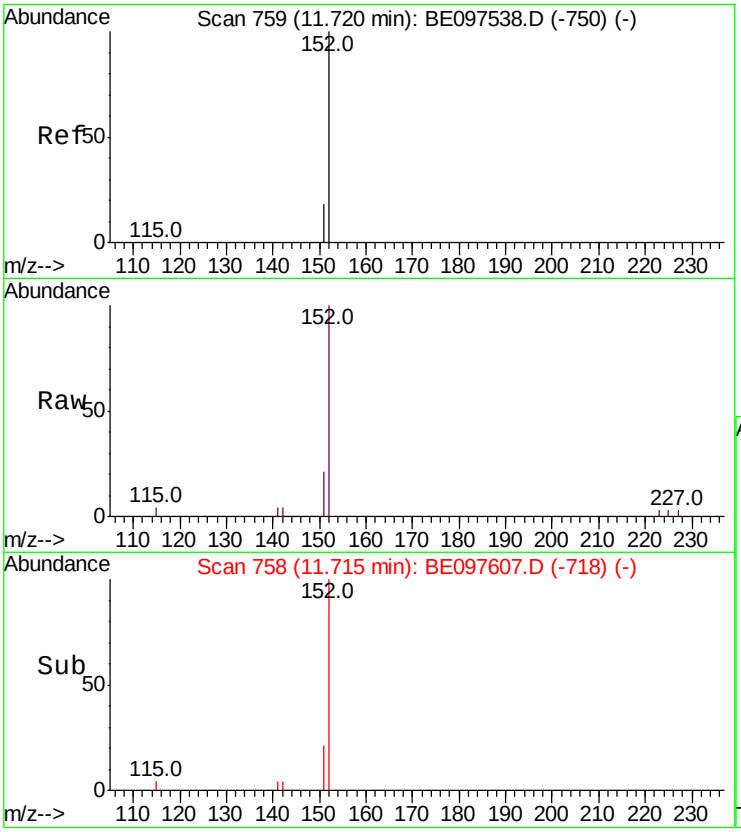


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:225 Resp: 785

Ion	Ratio	Lower	Upper
225	100		
223	61.0	53.0	79.6
227	63.6	51.4	77.2



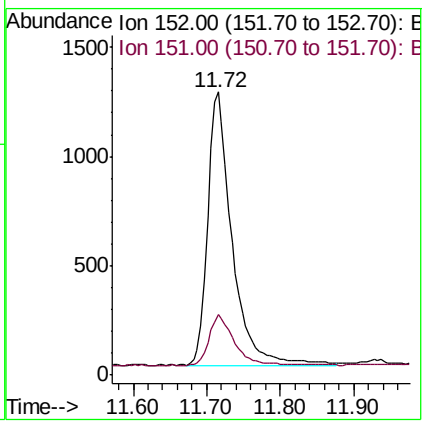


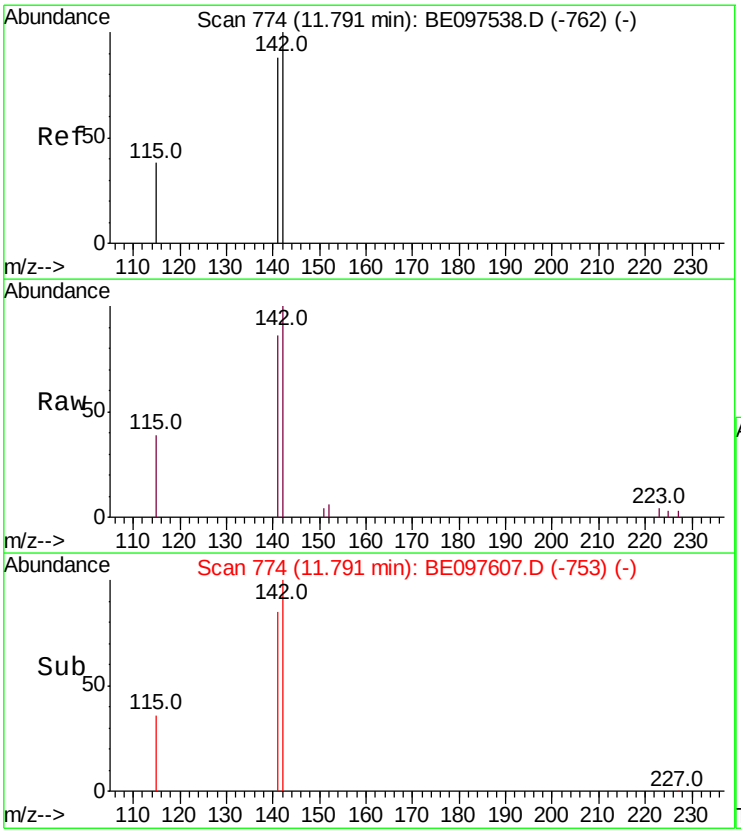
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2870

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.0

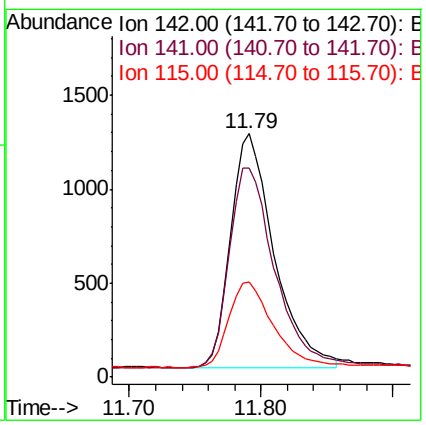


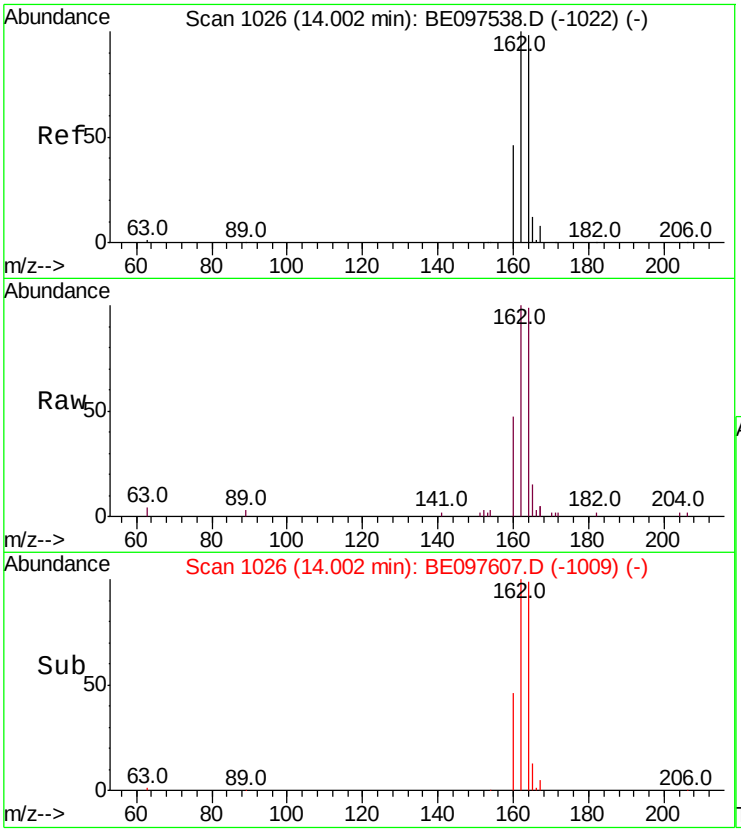


#12
2-Methylnaphthalene
Concen: 0.428 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:142 Resp: 2856

Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.4	105.6
115	39.1	31.7	47.5



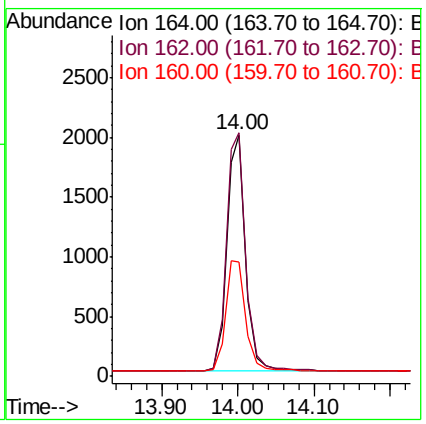


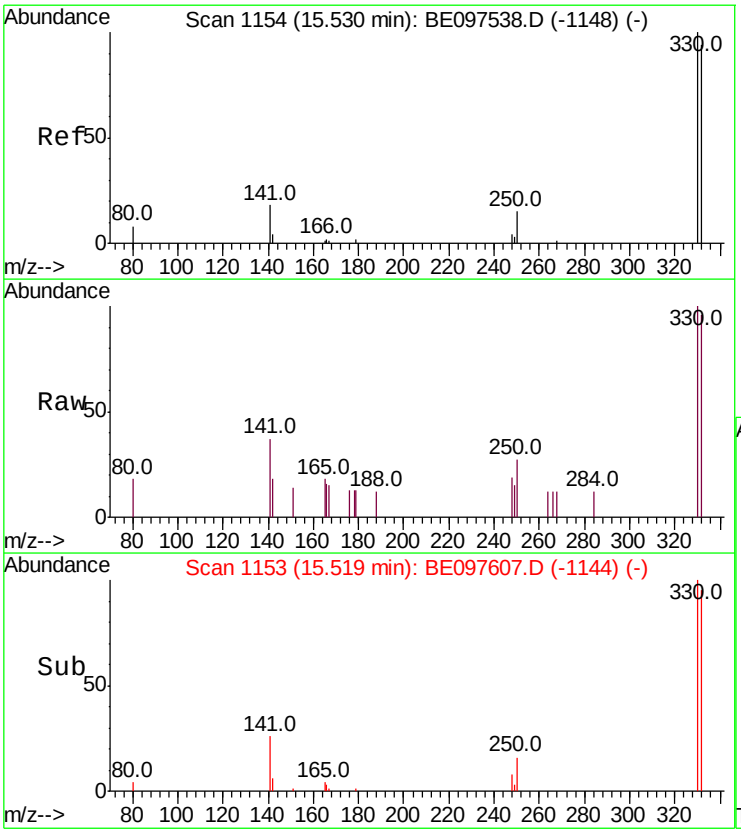
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3420

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.1	124.7
160	47.3	37.1	55.7

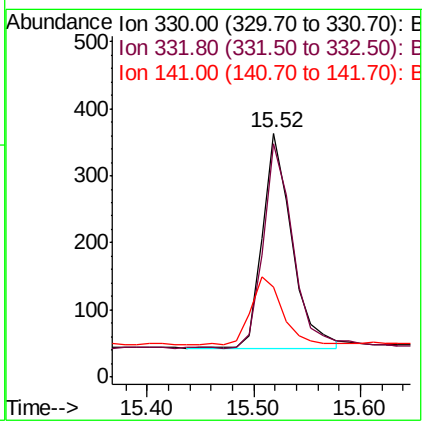


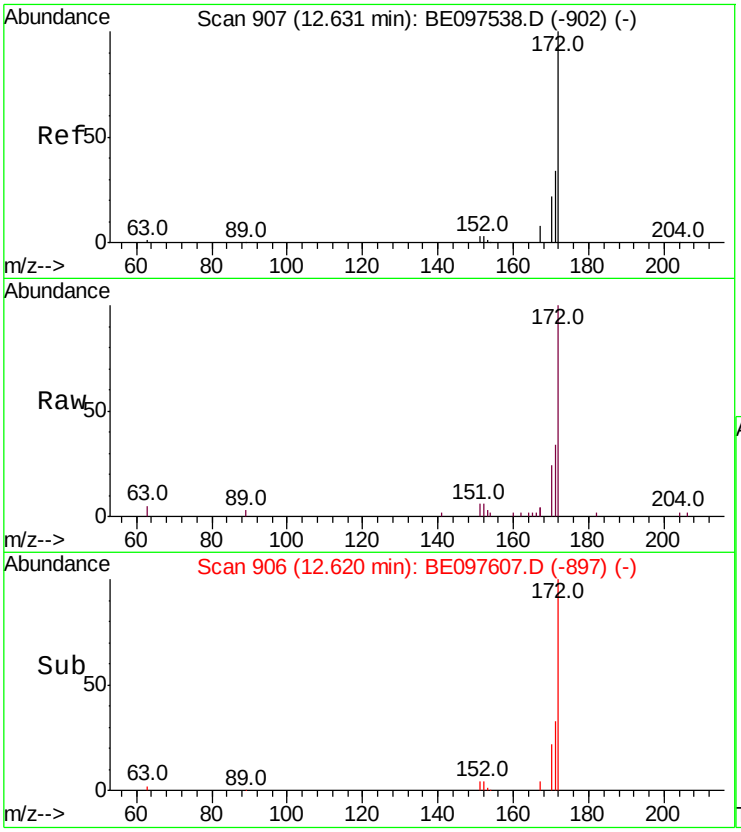


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:330 Resp: 615

Ion	Ratio	Lower	Upper
330	100		
332	96.1	152.7	229.1#
141	32.8	33.7	50.5#



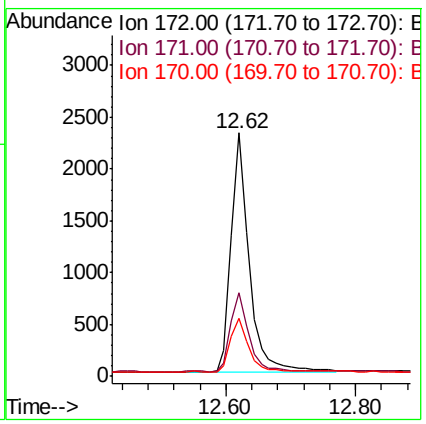


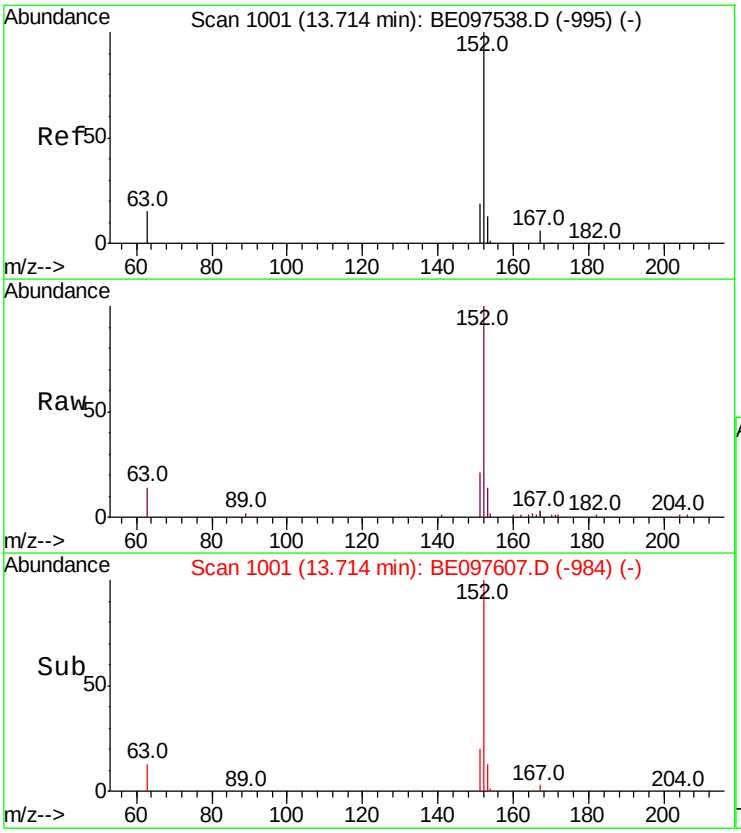
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4399

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	23.9	21.8	32.8

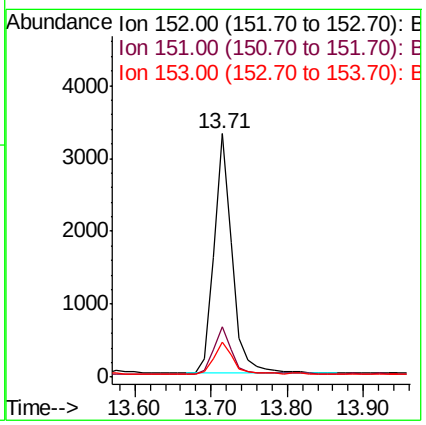


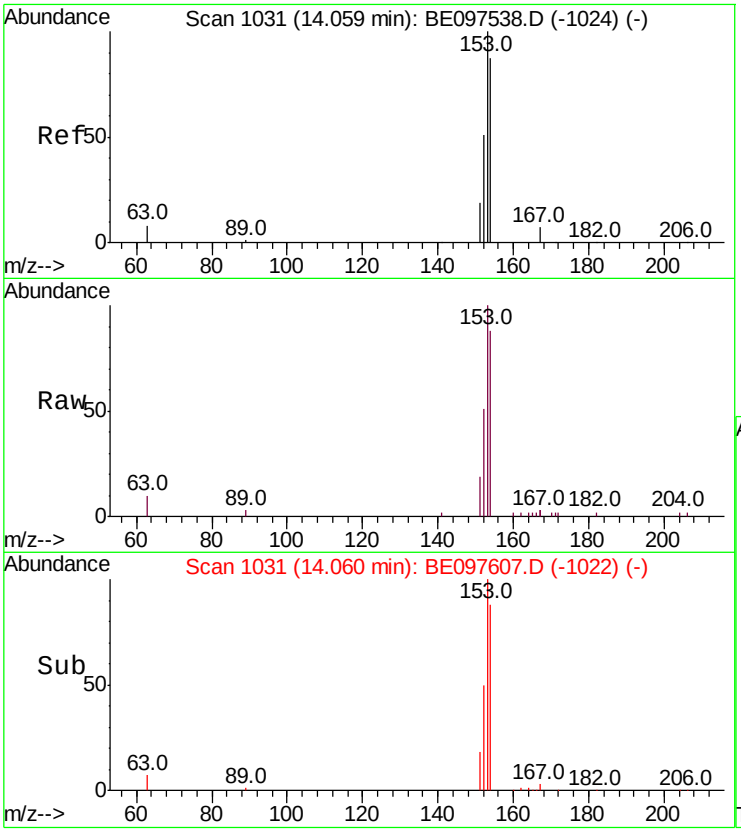


#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:152 Resp: 5435

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.7	10.5	15.7



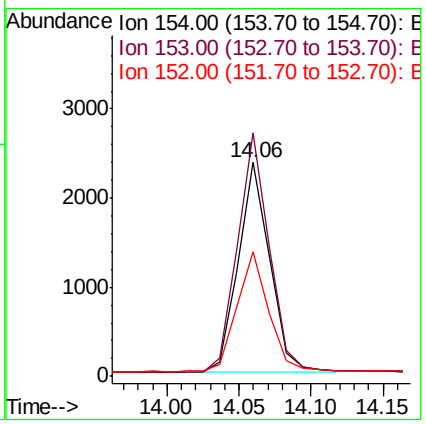


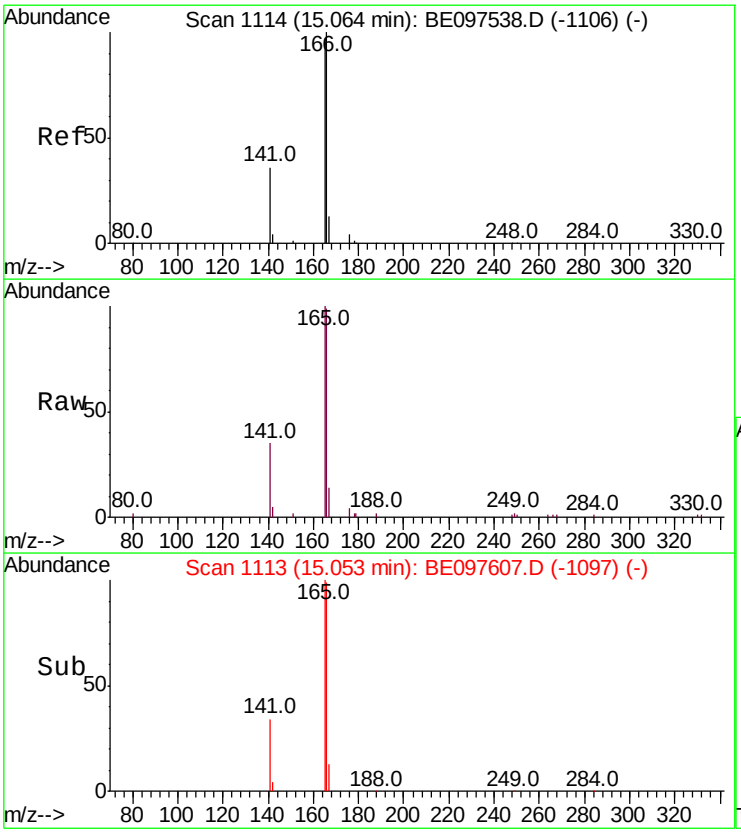
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3572

Ion	Ratio	Lower	Upper
154	100		
153	115.5	89.2	133.8
152	58.0	42.0	63.0

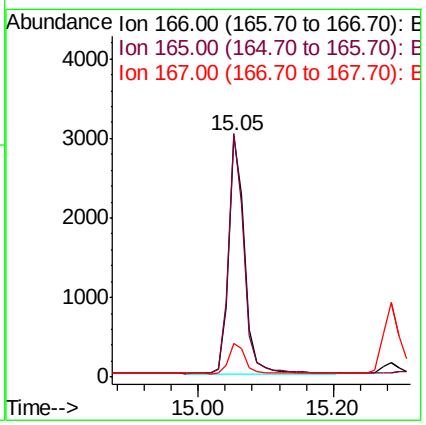


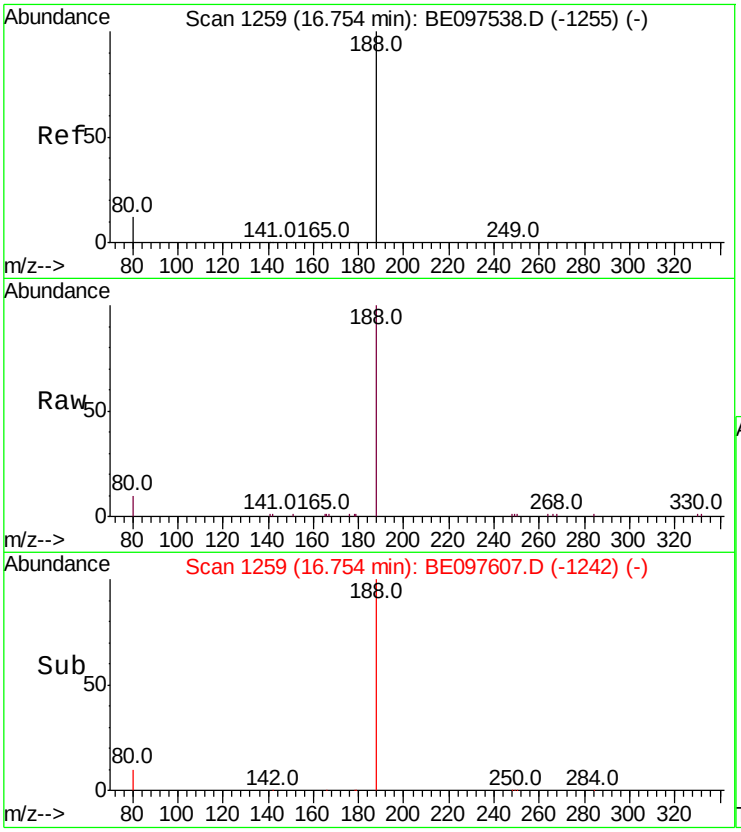


#18
Fluorene
Concen: 0.417 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:166 Resp: 4922

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.6
167	13.2	42.4	63.6#



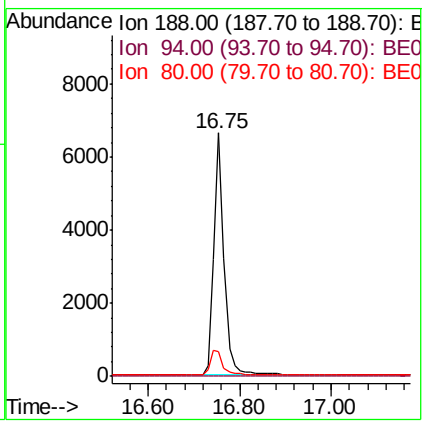


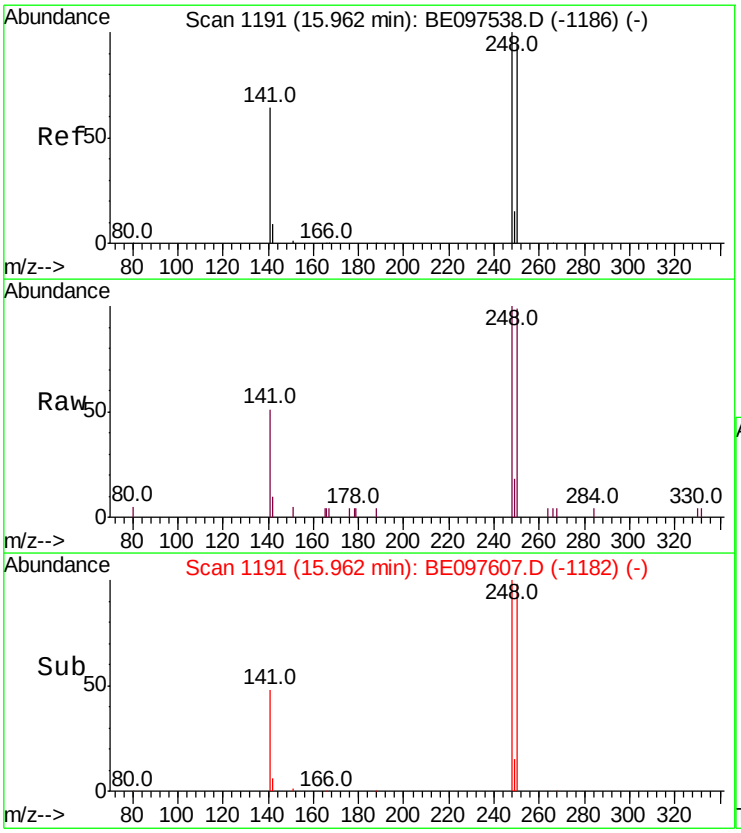
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10347

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.3	3.6	5.4#

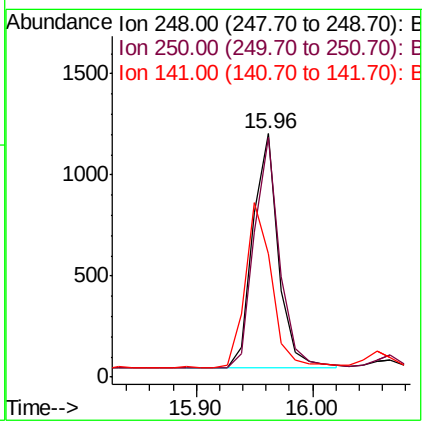


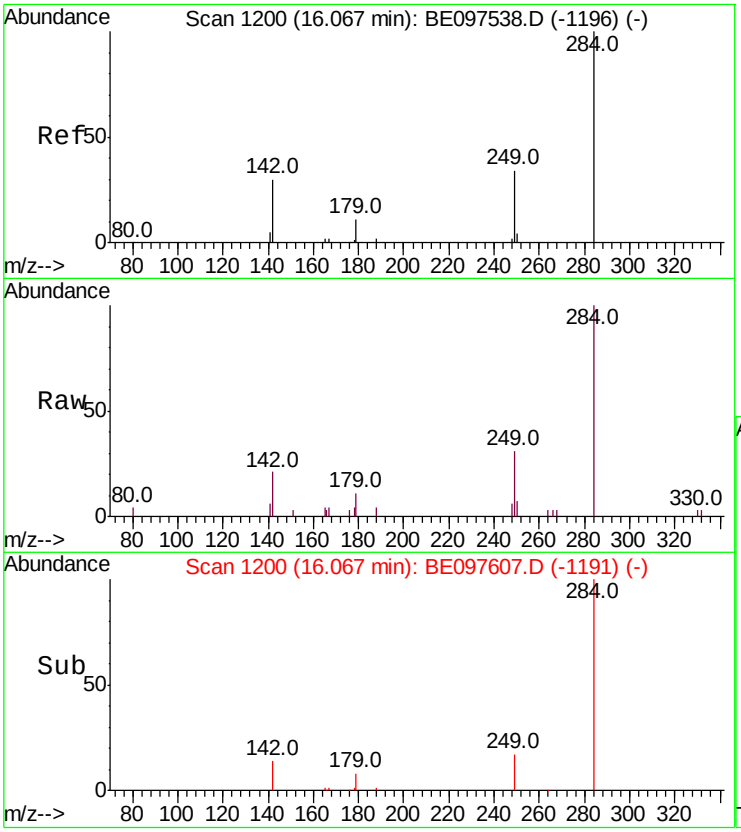


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 15.96 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:248 Resp: 1799

Ion	Ratio	Lower	Upper
248	100		
250	98.5	62.7	94.1#
141	50.6	48.2	72.2



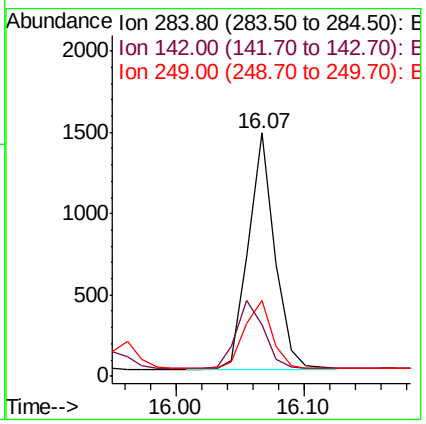


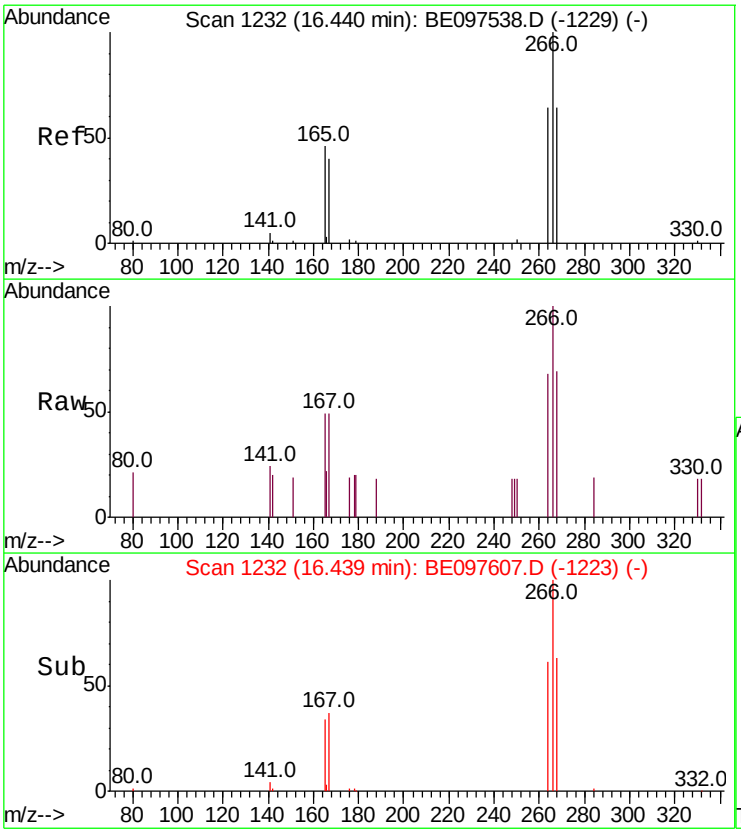
#21
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.07 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2090

Ion	Ratio	Lower	Upper
284	100		
142	30.0	22.1	33.1
249	29.8	34.8	52.2#

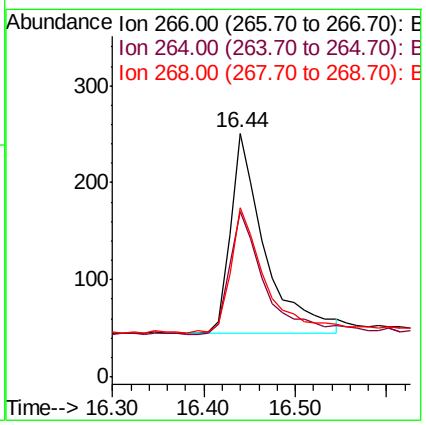


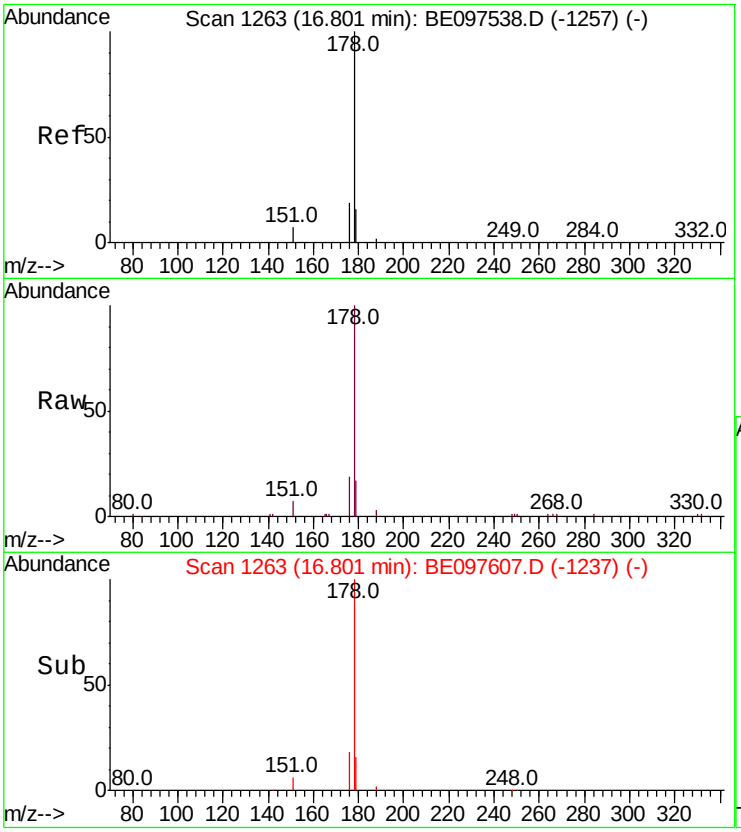


#22
Pentachlorophenol
Concen: 0.362 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:266 Resp: 534

Ion	Ratio	Lower	Upper
266	100		
264	67.7	72.5	108.7#
268	69.3	73.8	110.6#



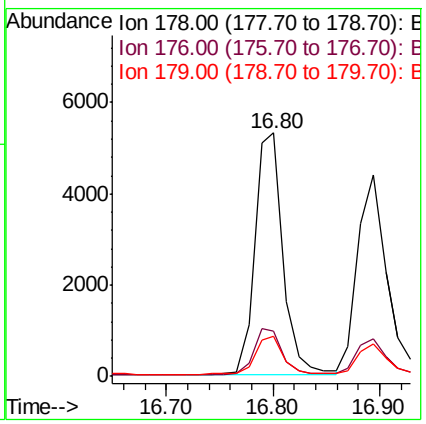


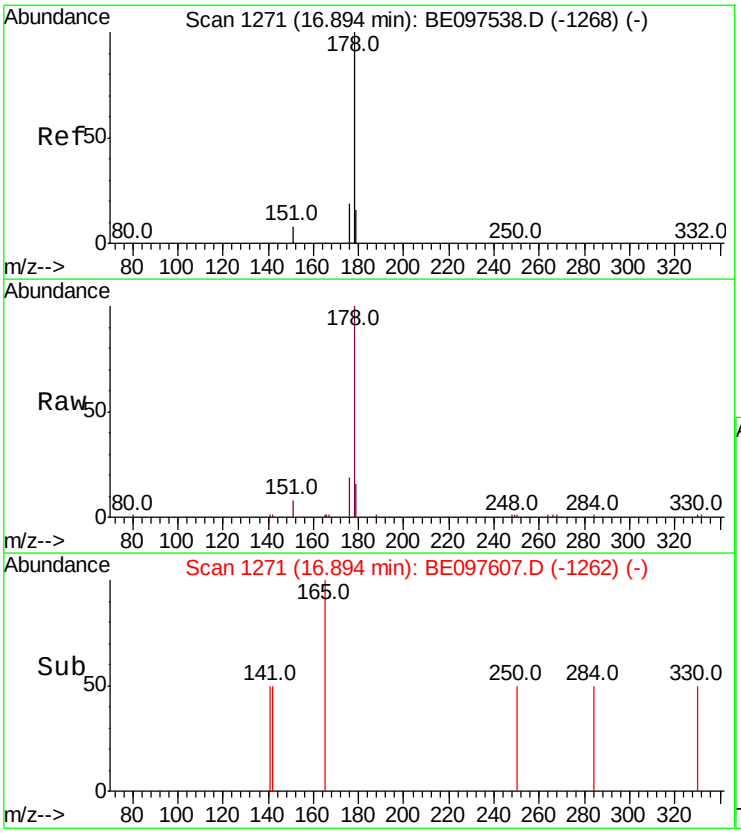
#23
Phenanthrene
Concen: 0.391 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9616

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	11.8	17.6

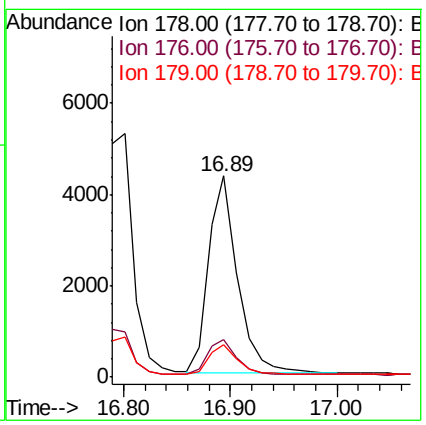


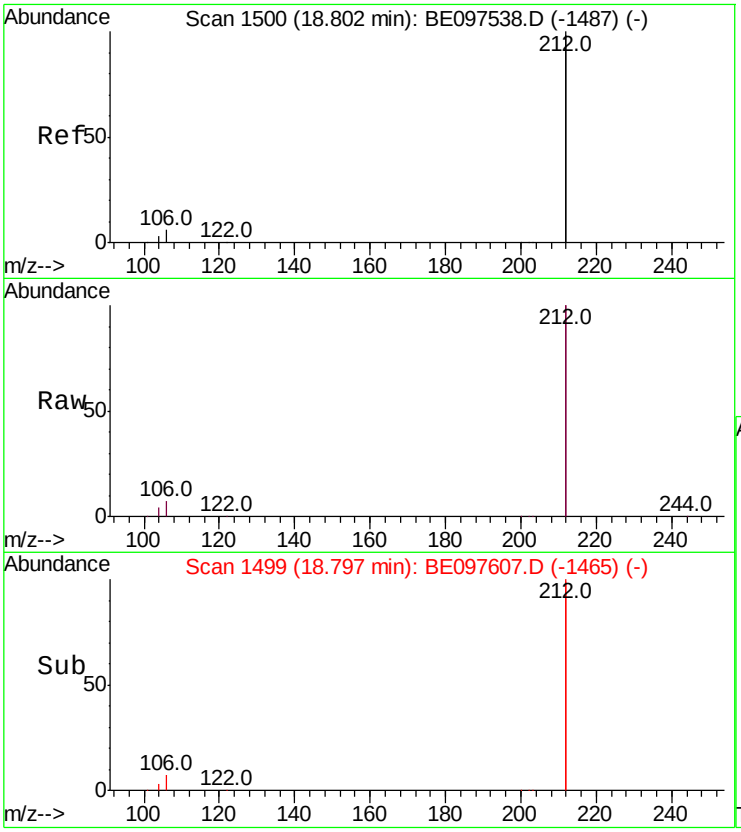


#24
Anthracene
Concen: 0.375 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:178 Resp: 8137

Ion	Ratio	Lower	Upper
178	100		
176	18.2	12.8	19.2
179	15.2	13.0	19.6



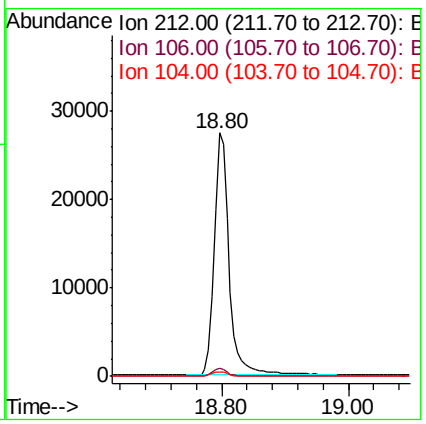


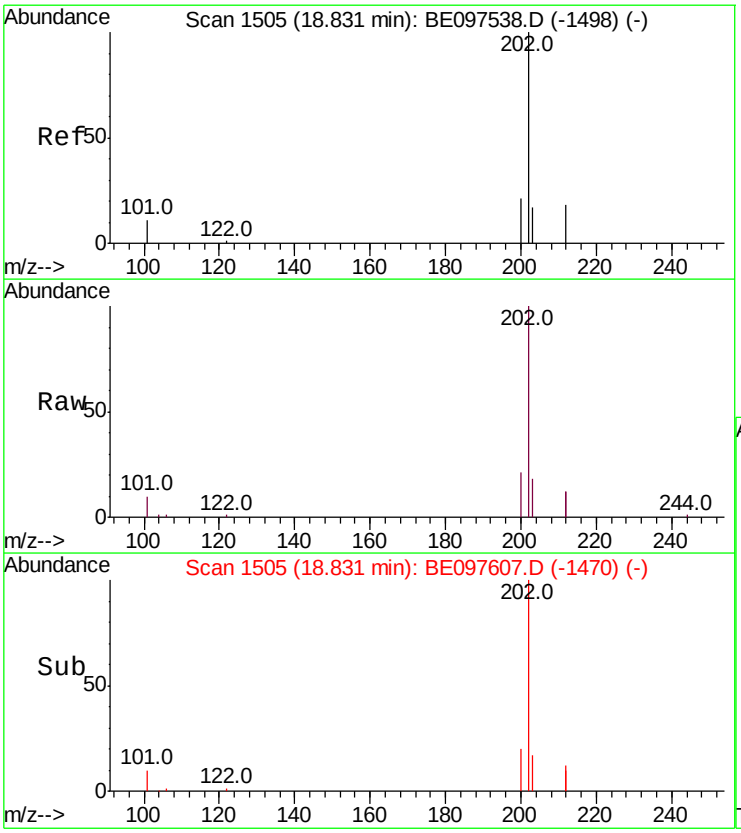
#25
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.80 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 43702

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4

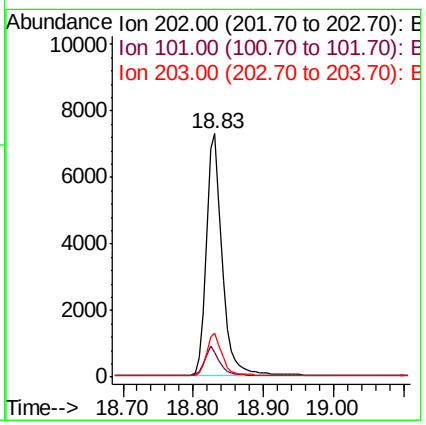


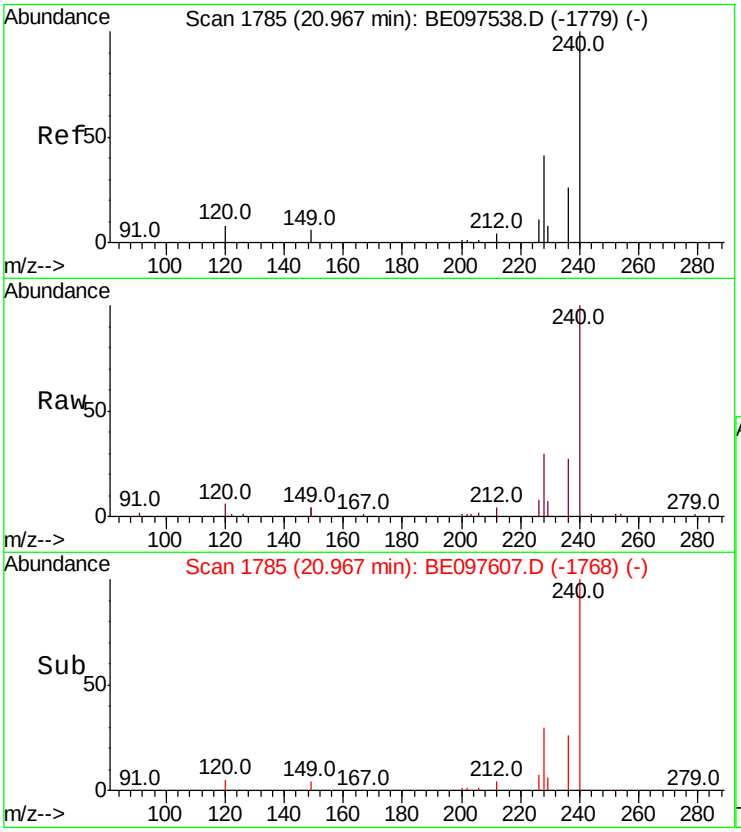


#26
Fluoranthene
Concen: 0.334 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:202 Resp: 11399

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.1	13.7	20.5



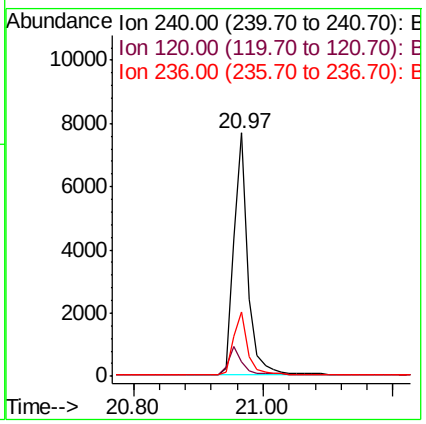


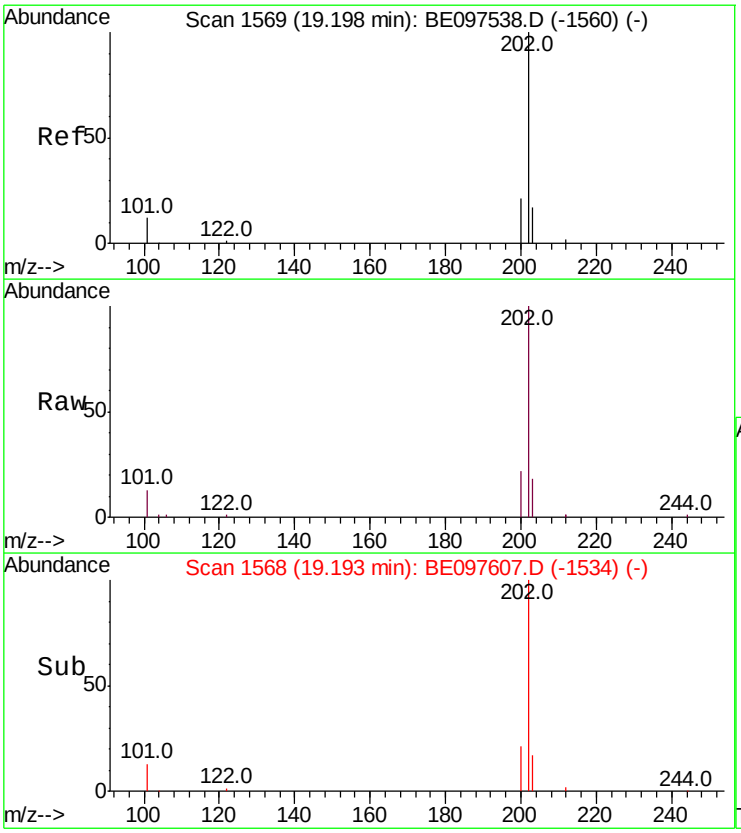
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11641

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.5	8.3
236	26.7	20.7	31.1

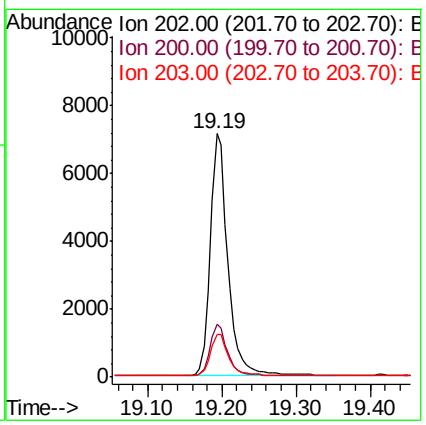


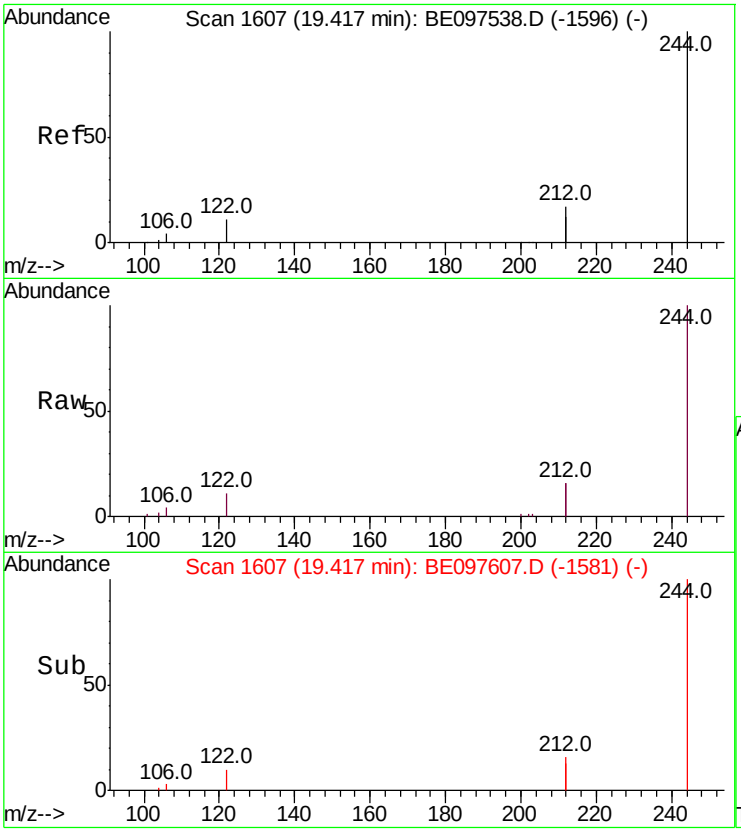


#28
Pyrene
Concen: 0.440 ng
RT: 19.19 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:202 Resp: 11646

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.6	13.8	20.8



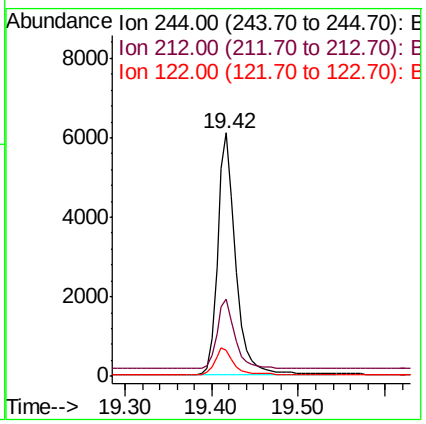


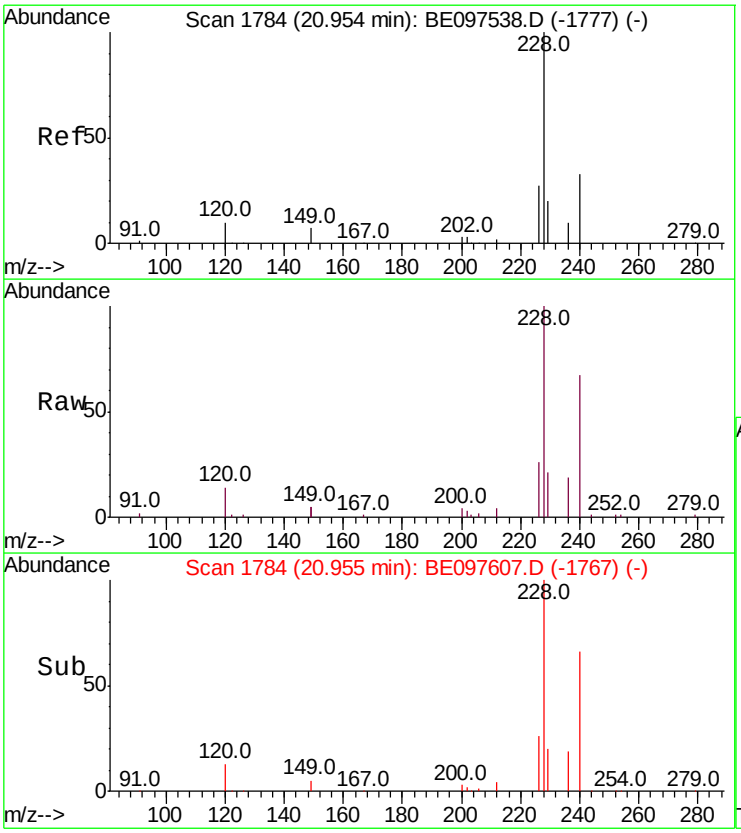
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.42 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8749

Ion	Ratio	Lower	Upper
244	100		
212	31.9	25.4	38.0
122	10.5	8.1	12.1

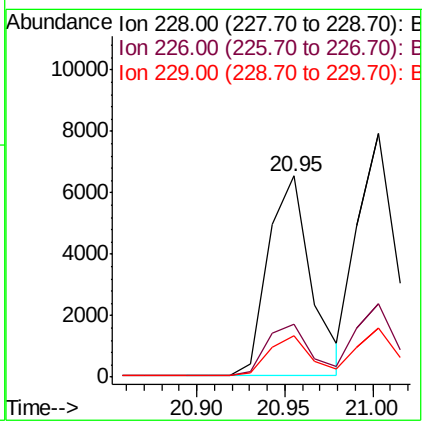


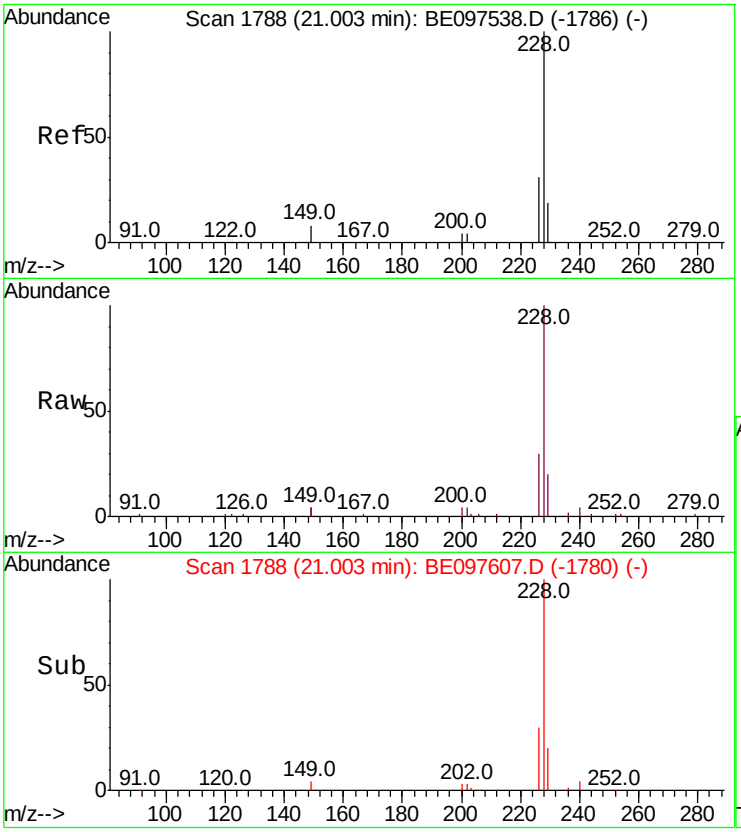


#30
Benzo(a)anthracene
Concen: 0.375 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:228 Resp: 11004

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.7	16.0	24.0



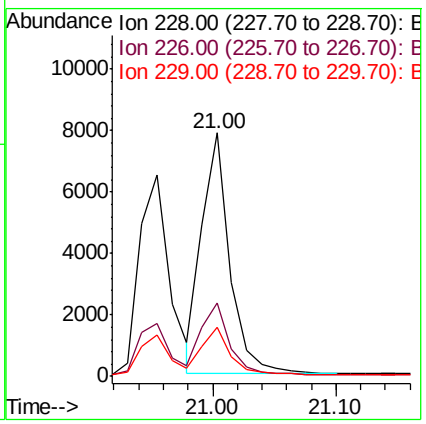


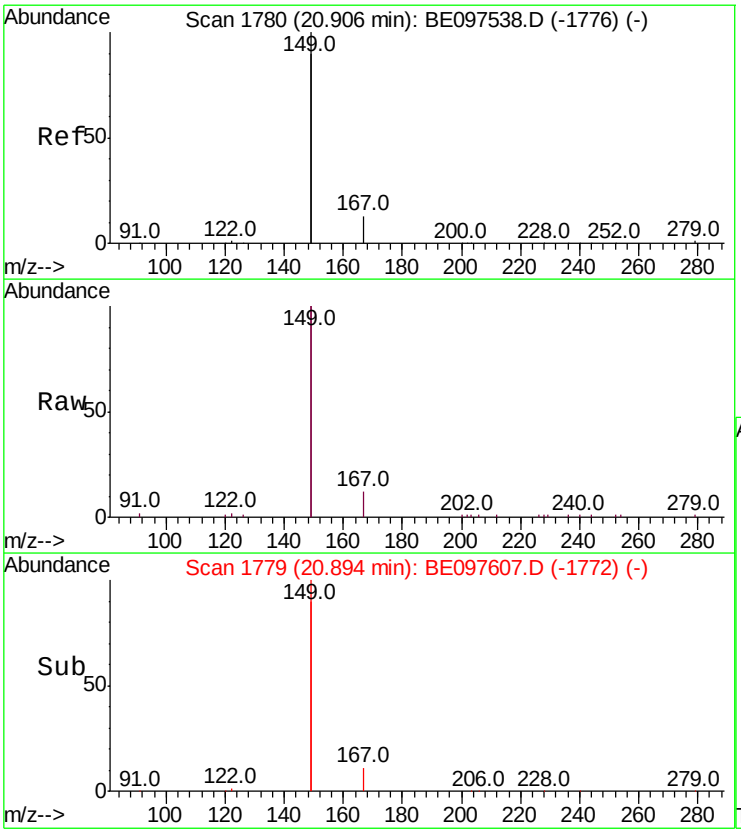
#31
Chrysene
Concen: 0.389 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12225

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.2	16.0	24.0

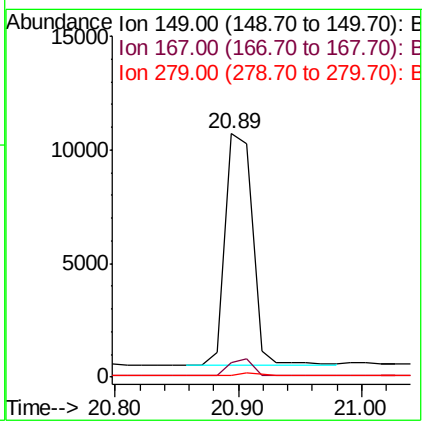


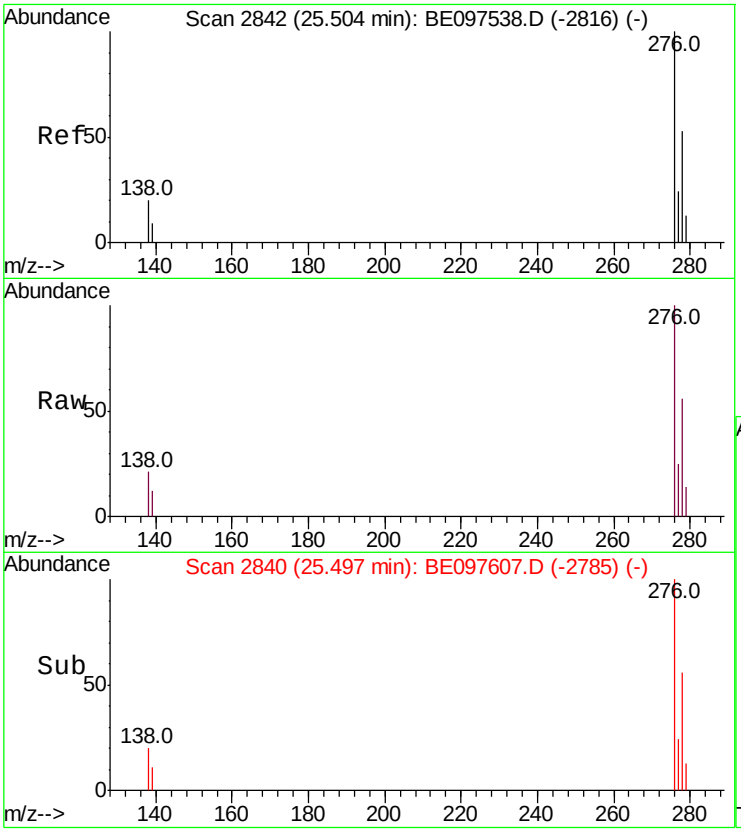


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 20.89 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:149 Resp: 15744

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



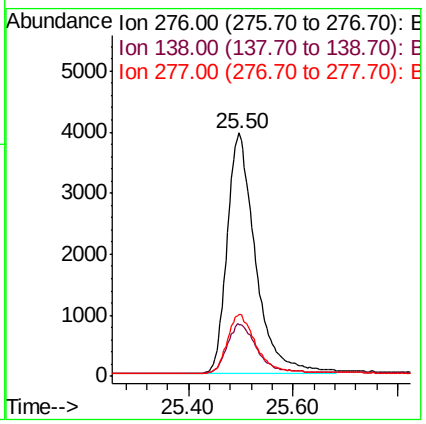


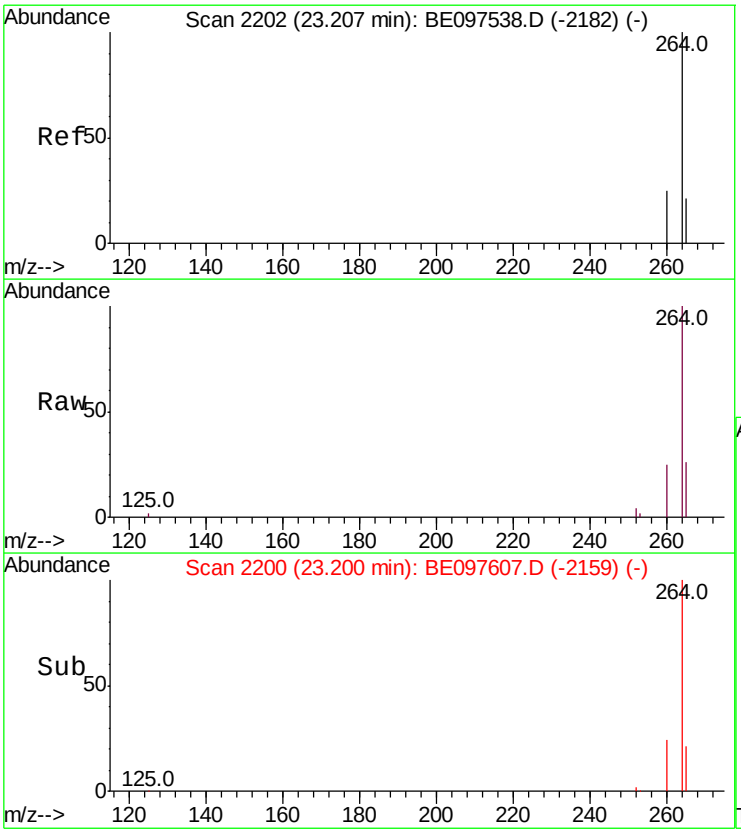
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 25.50 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14799

Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.5	33.7#
277	24.8	19.9	29.9

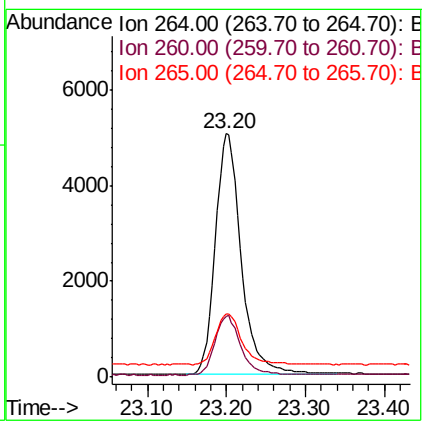


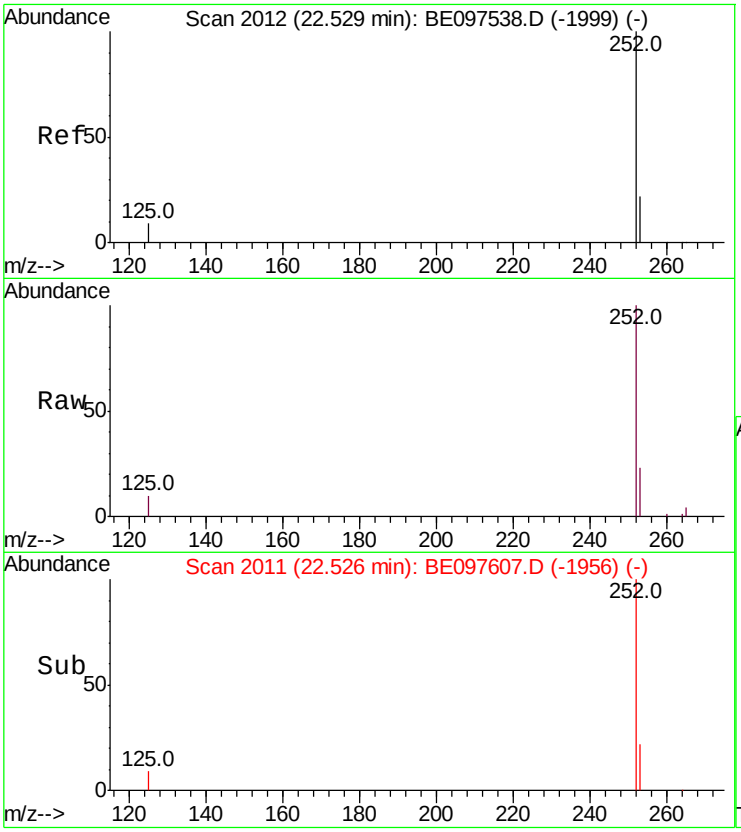


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:264 Resp: 11503

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	25.7	22.8	34.2



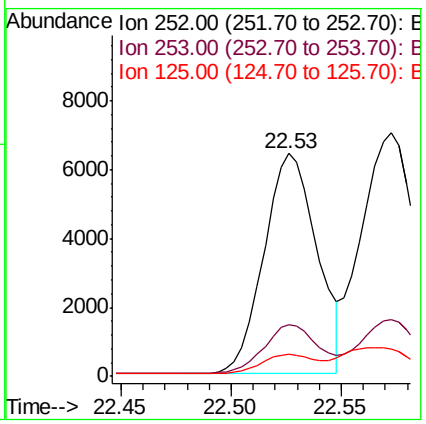


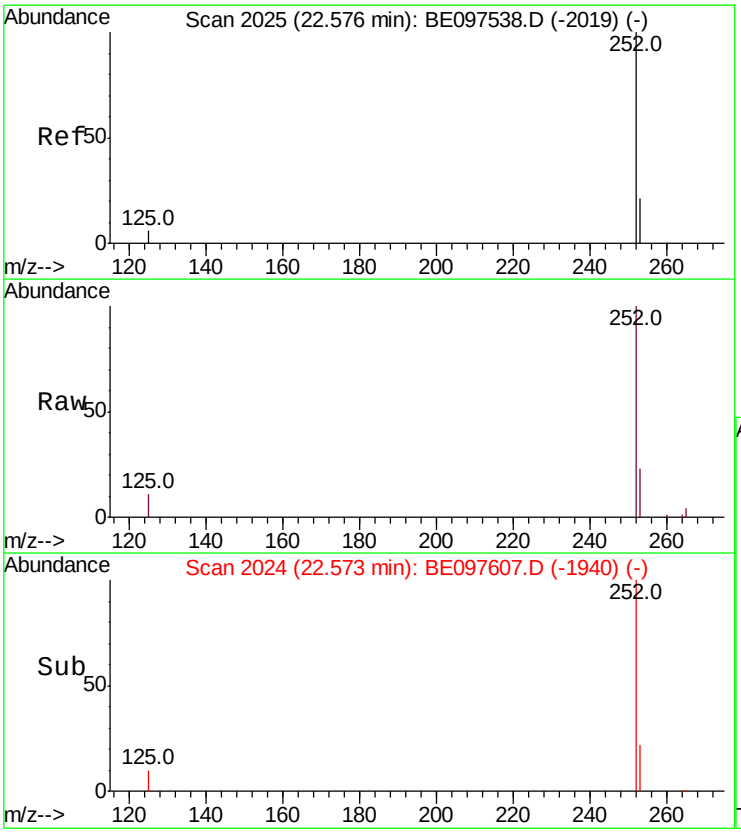
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10749

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.0	30.0
125	10.2	16.0	24.0#

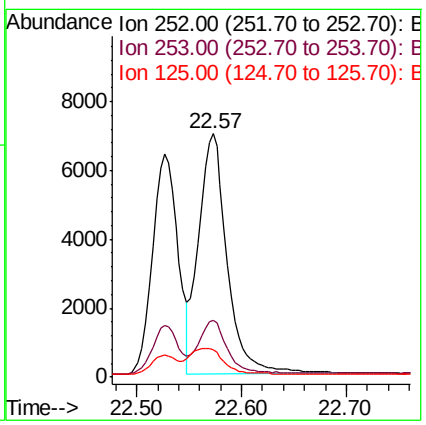


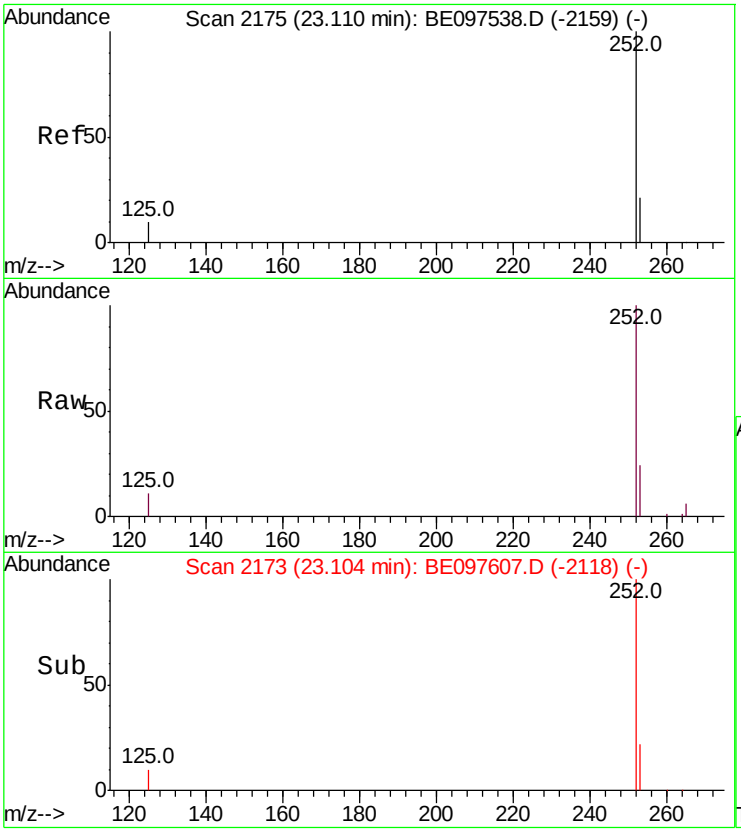


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:252 Resp: 13205

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	11.1	8.0	12.0



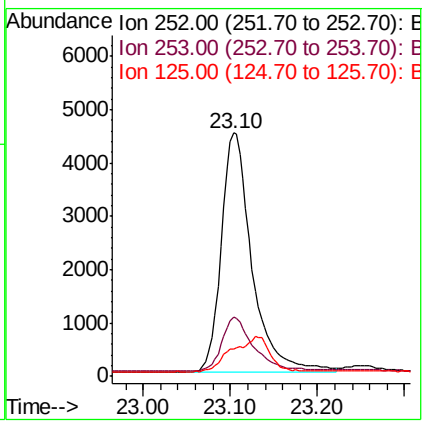


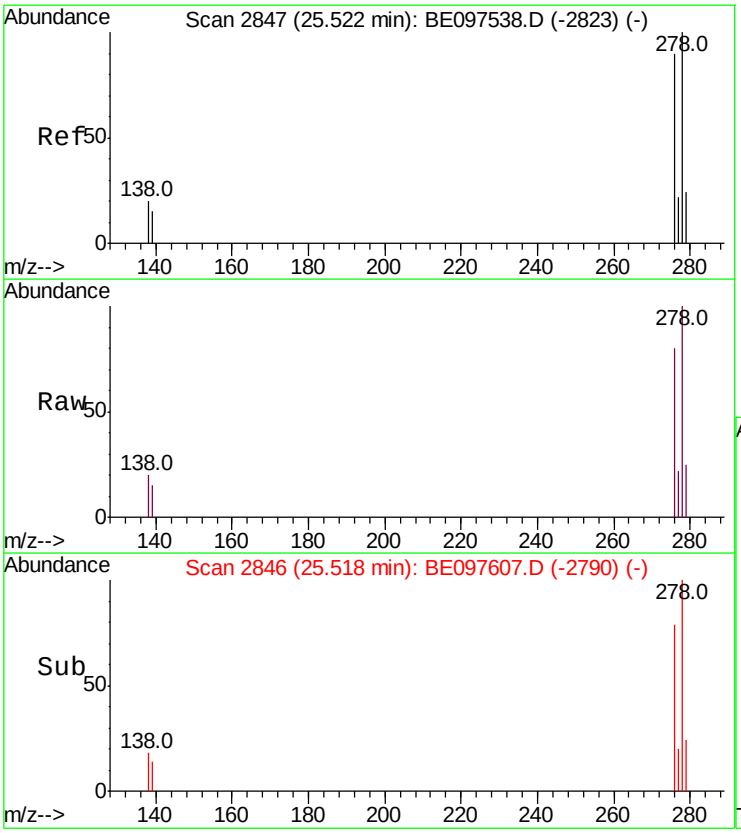
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10946

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	11.4	12.0	18.0#

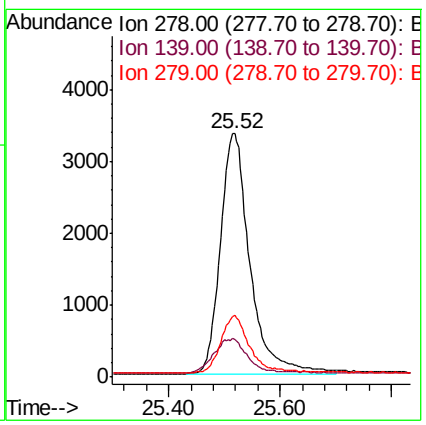


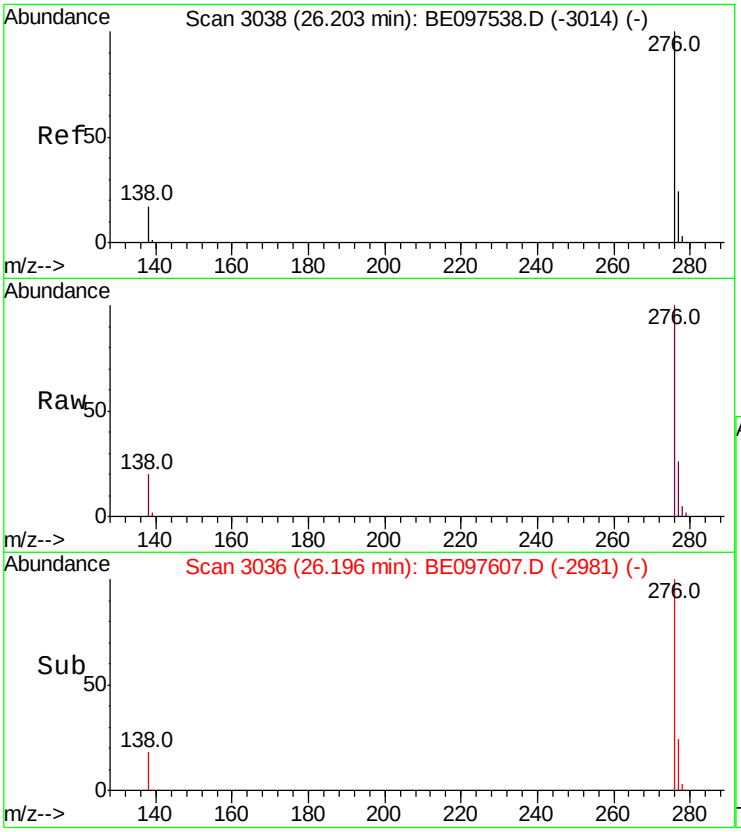


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.52 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:278 Resp: 12273

Ion	Ratio	Lower	Upper
278	100		
139	15.3	16.0	24.0#
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 26.20 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11821

Ion	Ratio	Lower	Upper
276	100		
277	25.6	16.0	24.0#
138	19.9	20.0	30.0#