Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098911.D
Acq On : 13 Mar 2019 14:40
Operator : JU/SJ
Sample : PB117852BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117852BSD

Quant Time: Mar 14 06:55:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	767	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3380	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2272	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6013	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7101	0.40	ng		-0.01
34) Perylene-d12	23.90	264	6923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	785	0.34	ng		0.02
5) Phenol-d6	6.99	99	1354	0.42	ng		0.00
8) Nitrobenzene-d5	8.96	82	1624	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	2385	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4742	0.50	ng		0.00
25) Fluoranthene-d10	19.24	212	32330	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	8570	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	657	0.452	ng		92
3) n-Nitrosodimethylamine	3.66	42	334	0.173	ng	#	14
6) bis(2-Chloroethyl)ether	7.23	93	793	0.317	ng	#	89
9) Naphthalene	10.64	128	15123	0.391	ng		99
10) Hexachlorobutadiene	10.91	225	1008	0.394	ng		98
12) 2-Methylnaphthalene	12.27	142	2395	0.381	ng		94
16) Acenaphthylene	14.18	152	4383	0.375	ng		98
17) Acenaphthene	14.51	154	2679	0.386	ng		98
18) Fluorene	15.50	166	3749	0.375	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1049	0.322	ng		93
21) Hexachlorobenzene	16.52	284	1442	0.372	ng		98
22) Pentachlorophenol	16.91	266	173	0.396	ng		100
23) Phenanthrene	17.25	178	6237	0.365	ng		99
24) Anthracene	17.35	178	4684	0.321	ng		99
26) Fluoranthene	19.27	202	8275	0.343	ng		99
28) Pyrene	19.63	202	8583	0.395	ng		99
30) Benzo(a)anthracene	21.38	228	8204	0.370	ng		100
31) Chrysene	21.44	228	8802	0.371	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	13947	0.296	ng		99
33) Indeno(1,2,3-cd)pyrene	26.53	276	9549	0.381	ng		98
35) Benzo(b)fluoranthene	23.18	252	9339	0.410	ng		96
36) Benzo(k)fluoranthene	23.18	252	9674	0.406	ng		98
37) Benzo(a)pyrene	23.79	252	8374	0.384	ng	#	93
38) Dibenzo(a,h)anthracene	26.56	278	7355	0.356	ng		97
39) Benzo(g,h,i)perylene	27.33	276	7944	0.368	ng		100

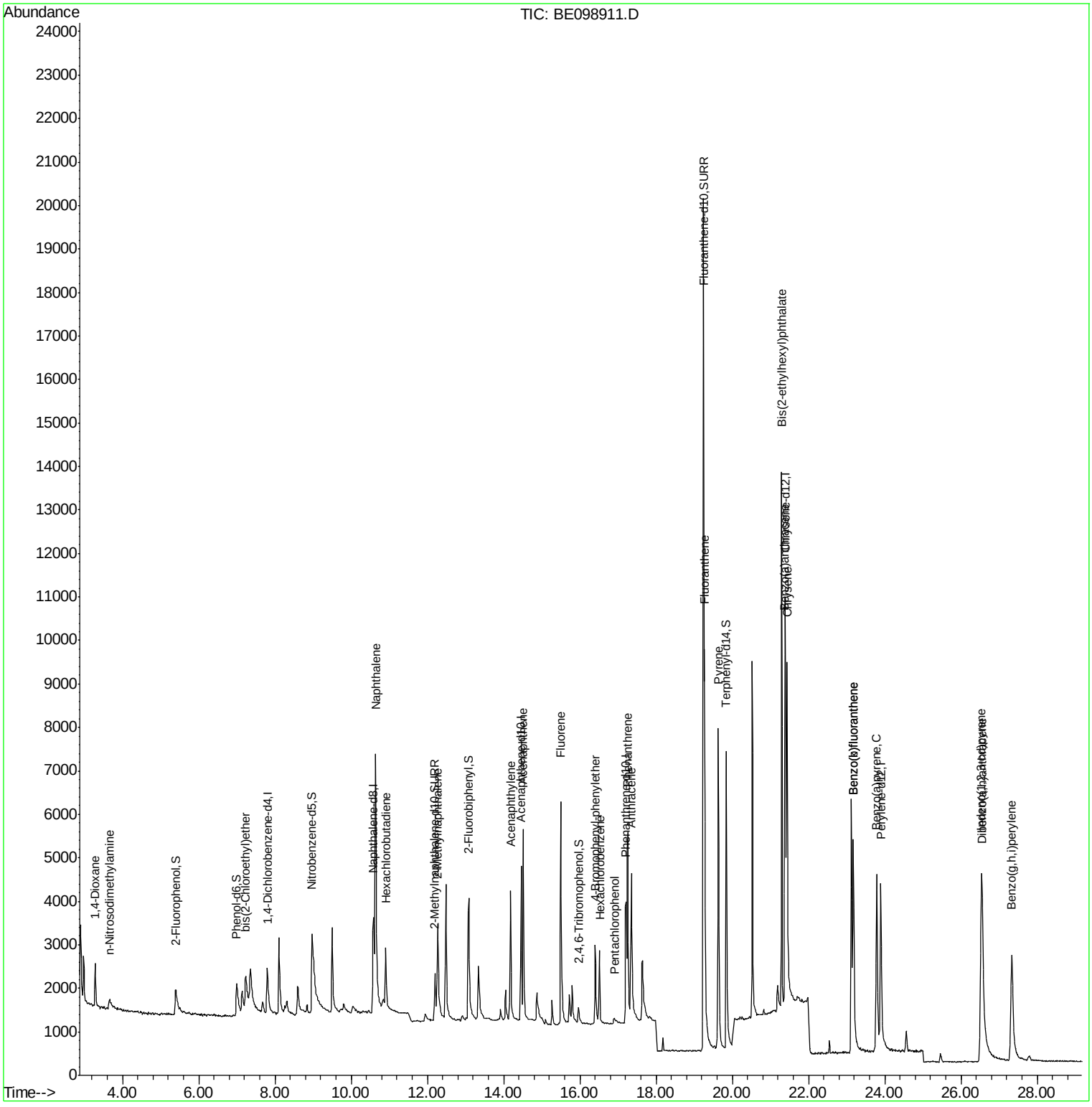
(#) = qualifier out of range (m) = manual integration (+) = signals summed

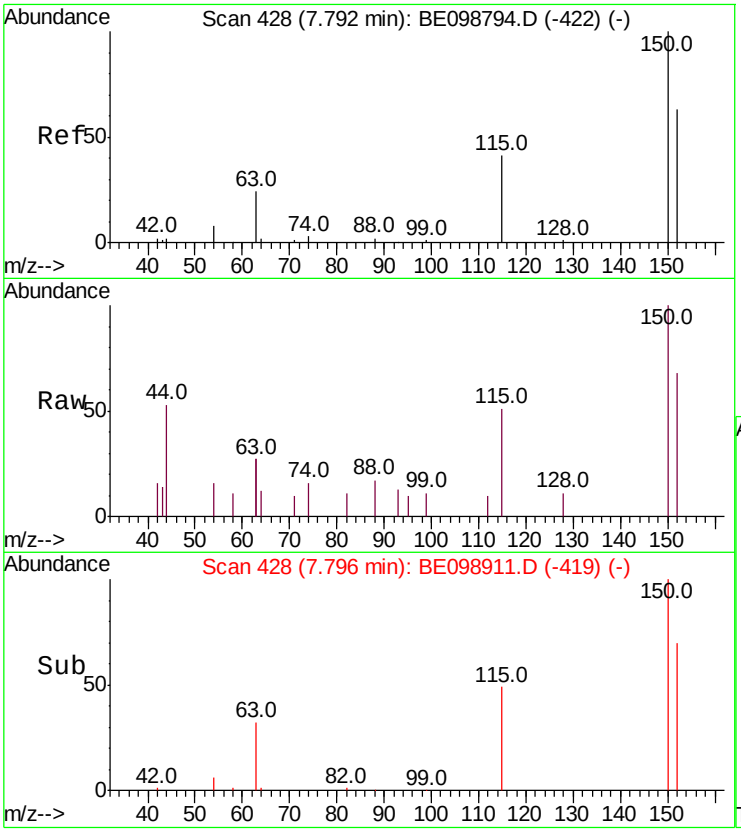
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098911.D
Acq On : 13 Mar 2019 14:40
Operator : JU/SJ
Sample : PB117852BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Quant Time: Mar 14 06:55:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



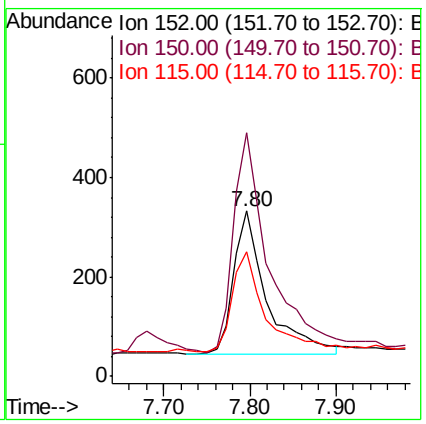


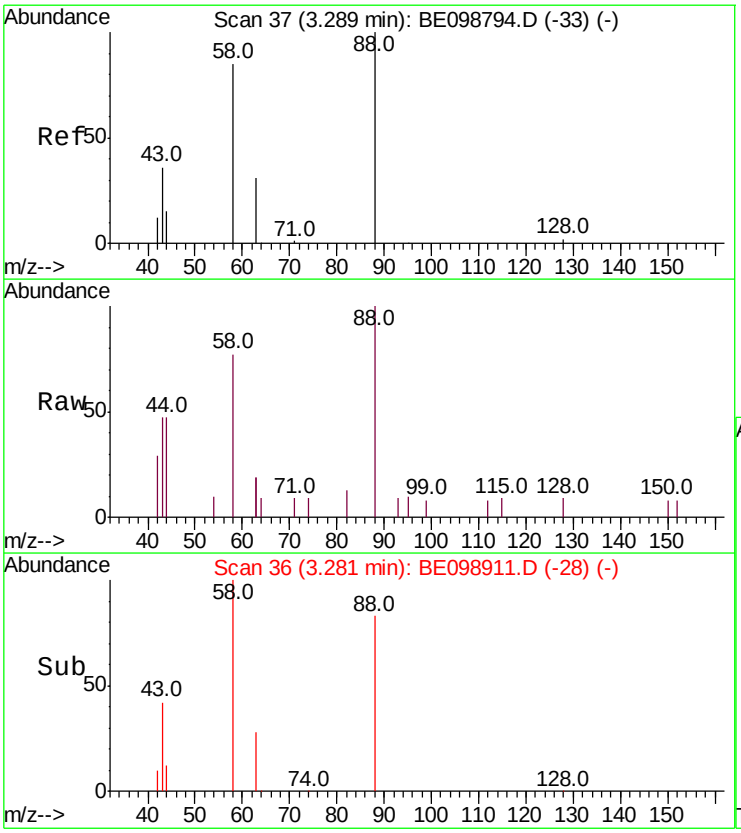
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:152 Resp: 767

Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.5	183.7
115	75.6	57.4	86.2

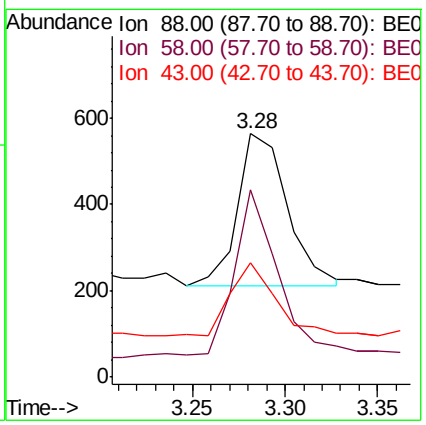


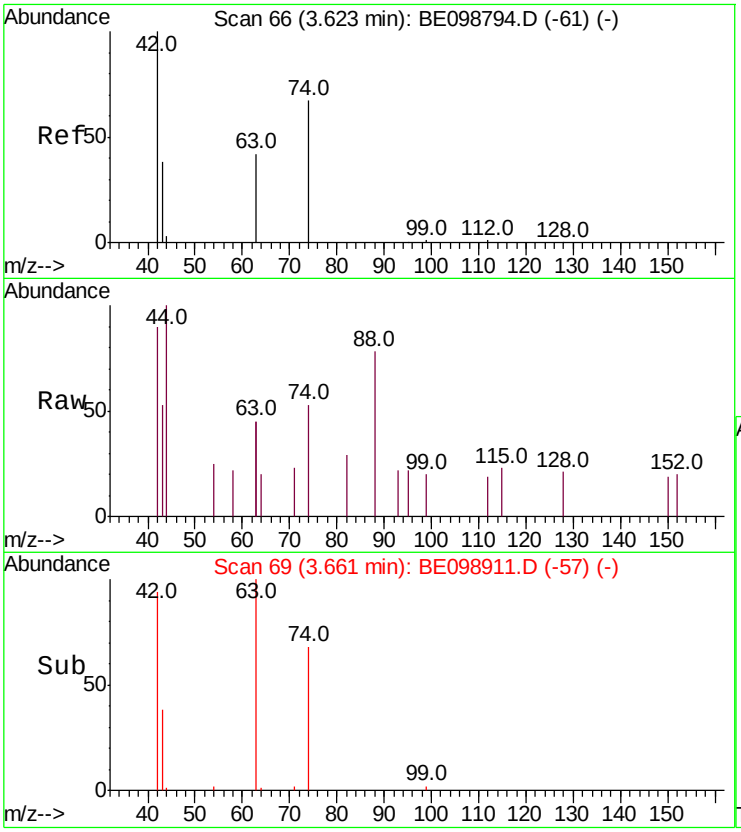


#2
1,4-Dioxane
Concen: 0.452 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion: 88 Resp: 657

Ion	Ratio	Lower	Upper
88	100		
58	100.8	75.8	113.6
43	44.0	41.8	62.8



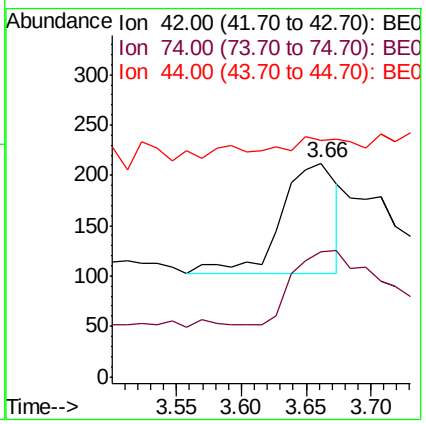


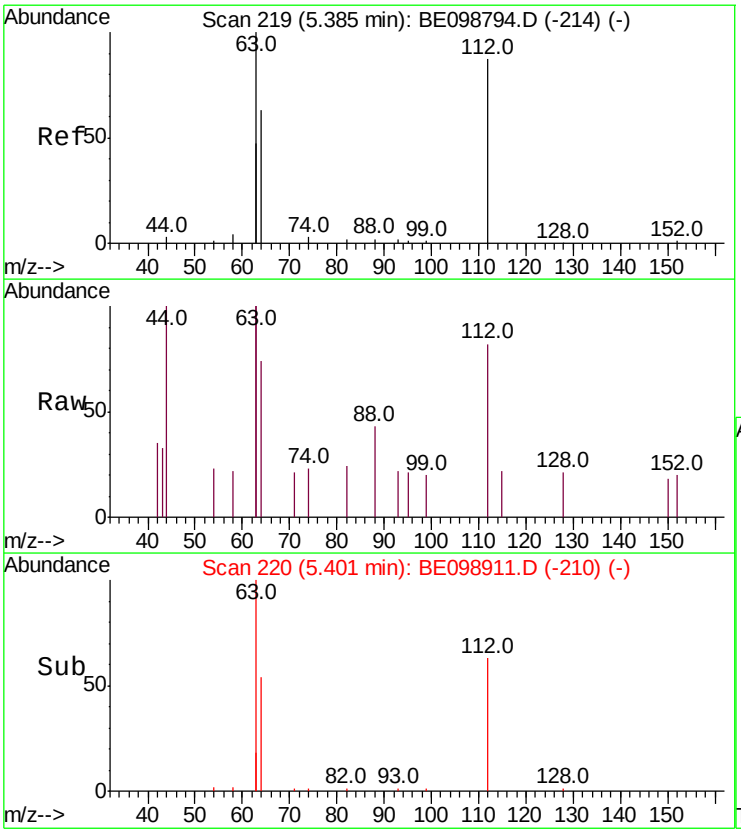
#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.04 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion: 42 Resp: 334

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	6.3	0.0	0.0#

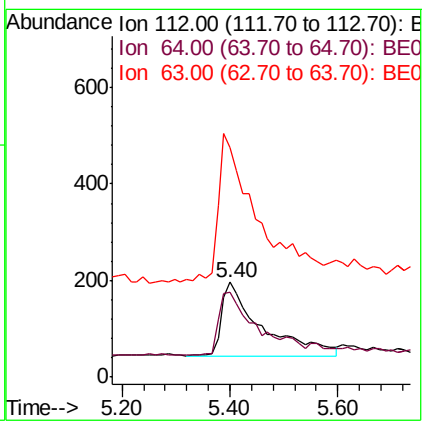


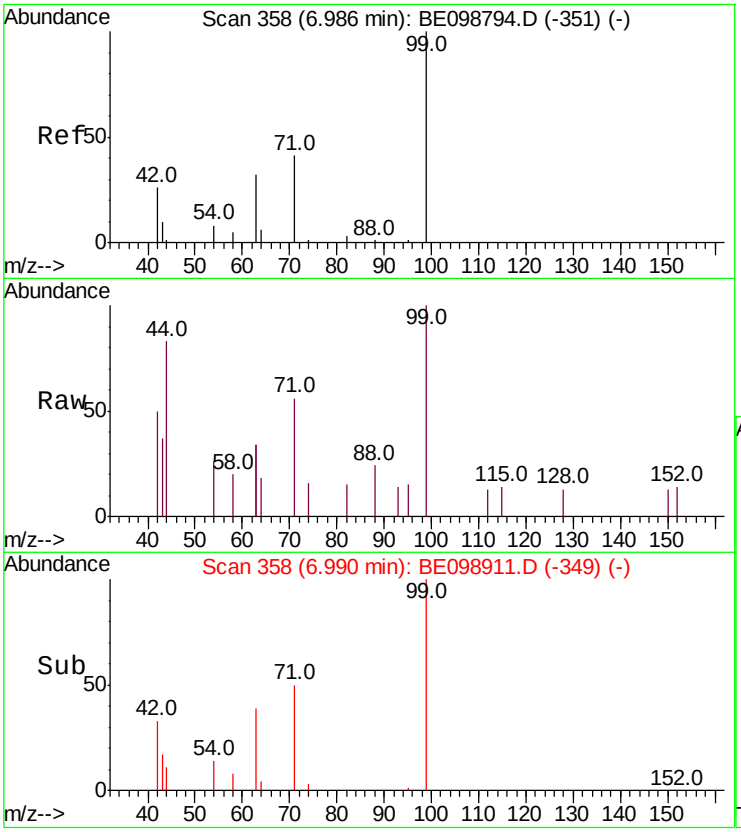


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.02 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:112 Resp: 785

Ion	Ratio	Lower	Upper
112	100		
64	83.1	57.9	86.9
63	198.5	158.3	237.5



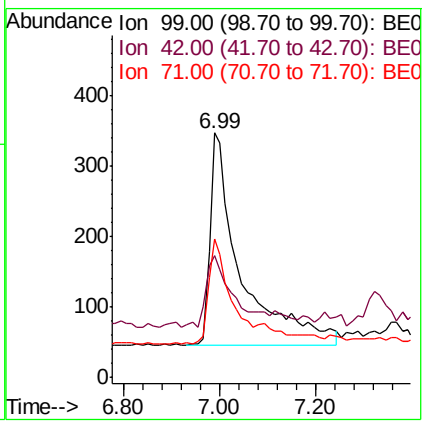


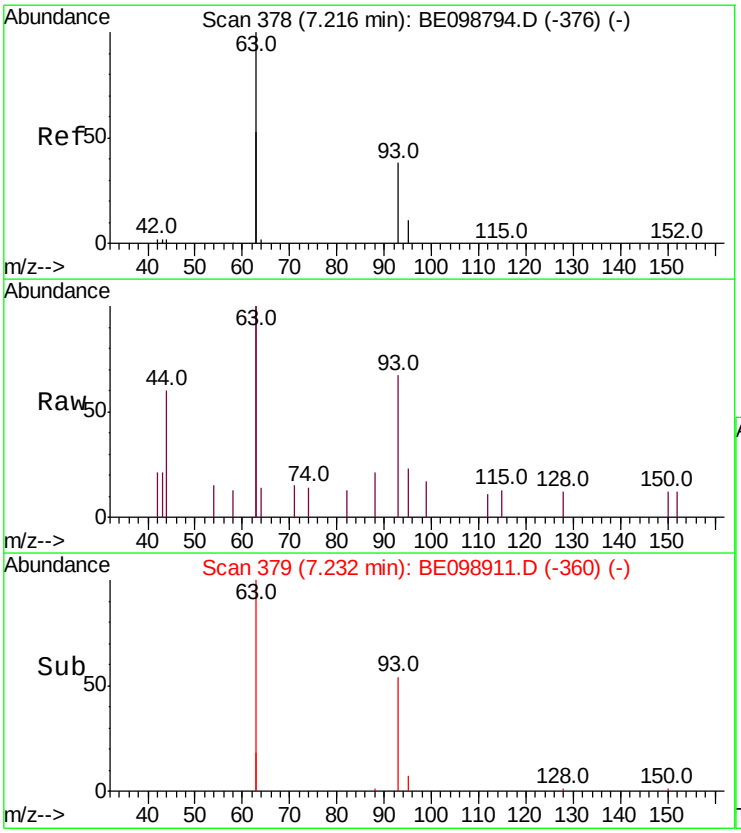
#5
Phenol-d6
Concen: 0.418 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion: 99 Resp: 1354

Ion	Ratio	Lower	Upper
99	100		
42	30.6	24.2	36.2
71	44.8	35.7	53.5

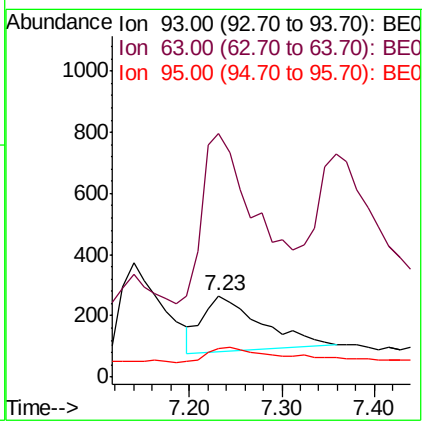


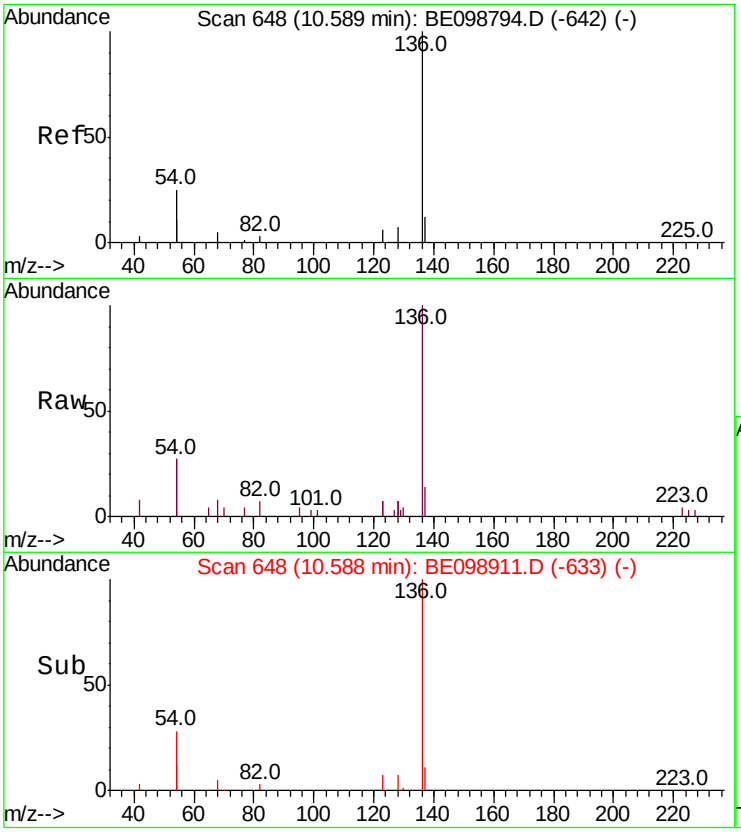


#6
bis(2-Chloroethyl)ether
Concen: 0.317 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.02 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion: 93 Resp: 793

Ion	Ratio	Lower	Upper
93	100		
63	287.8	247.5	371.3
95	35.8	21.8	32.8#



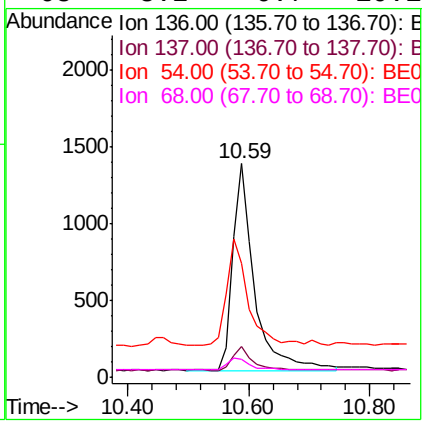


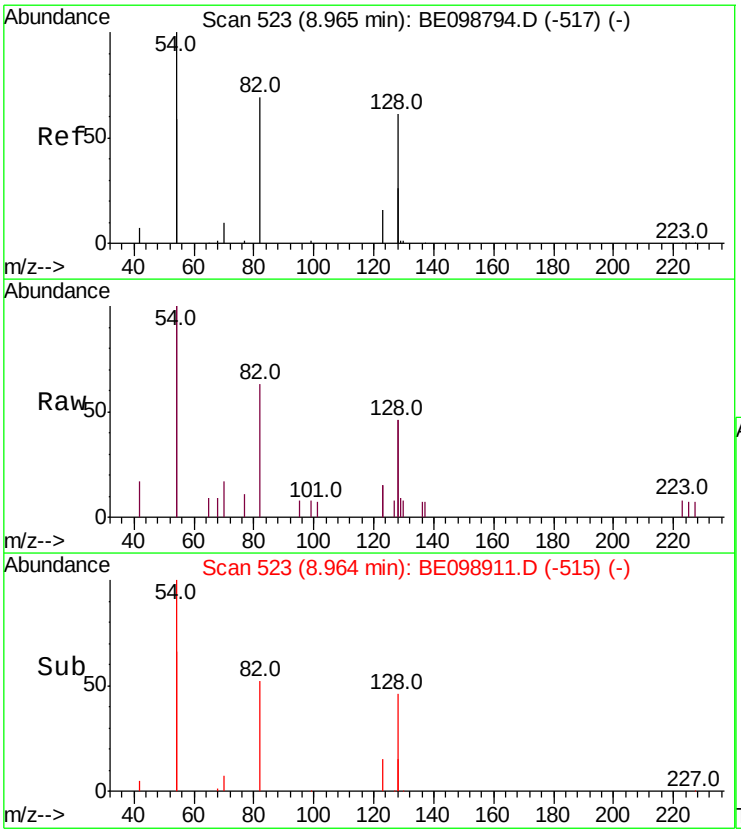
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:136 Resp: 3380

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.4	17.0
54	53.4	39.3	58.9
68	8.2	6.7	10.1

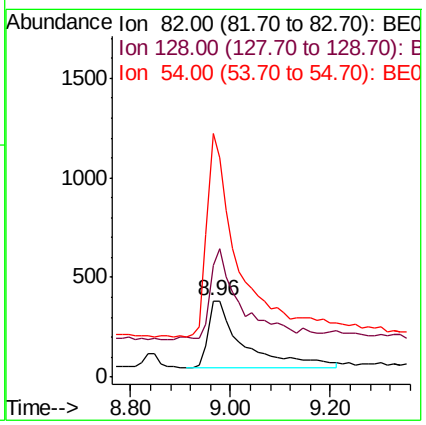


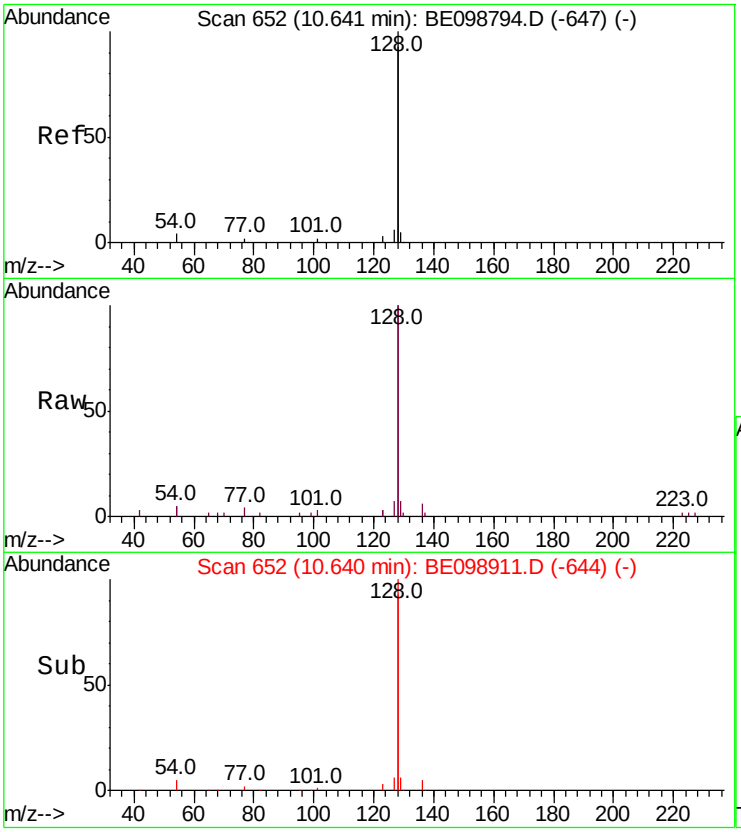


#8
Nitrobenzene-d5
Concen: 0.458 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion: 82 Resp: 1624

Ion	Ratio	Lower	Upper
82	100		
128	145.7	123.8	185.8
54	319.1	203.4	305.2#



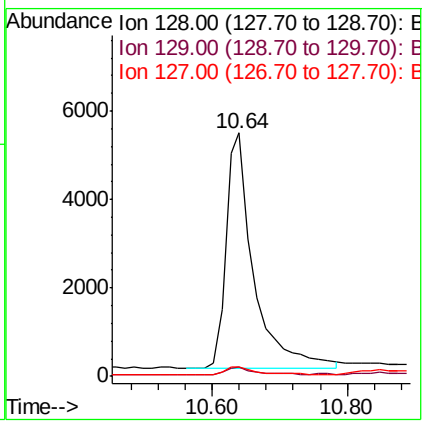


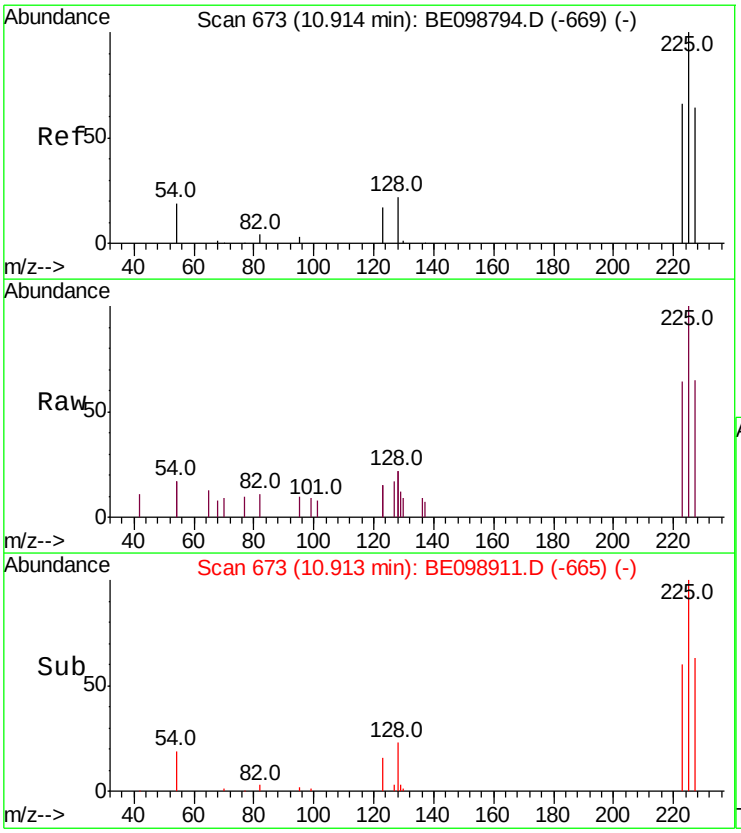
#9
Naphthalene
Concen: 0.391 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:128 Resp: 15123

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.6	4.0
127	3.7	3.1	4.7

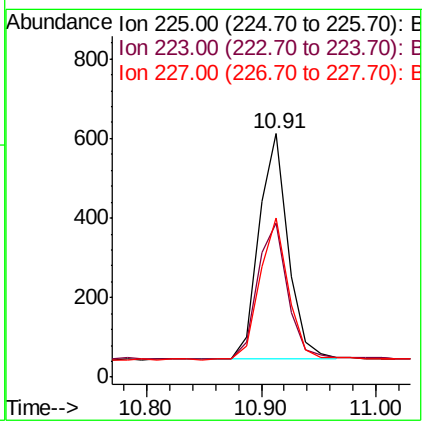


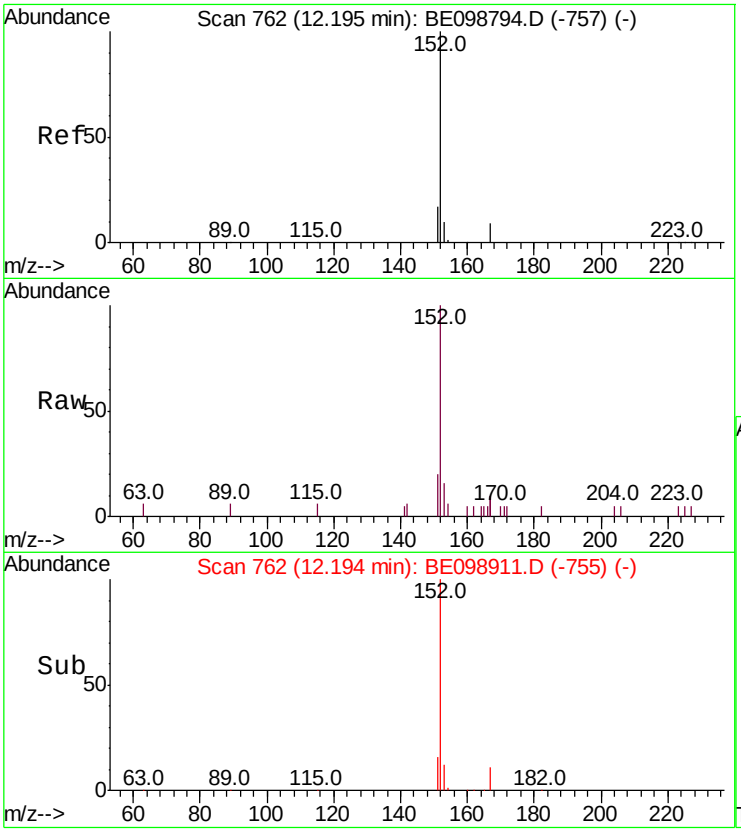


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:225 Resp: 1008

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	62.2	51.6	77.4



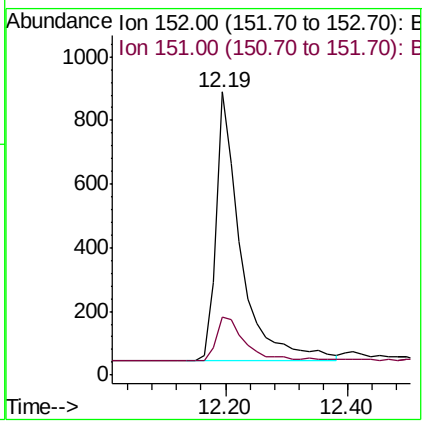


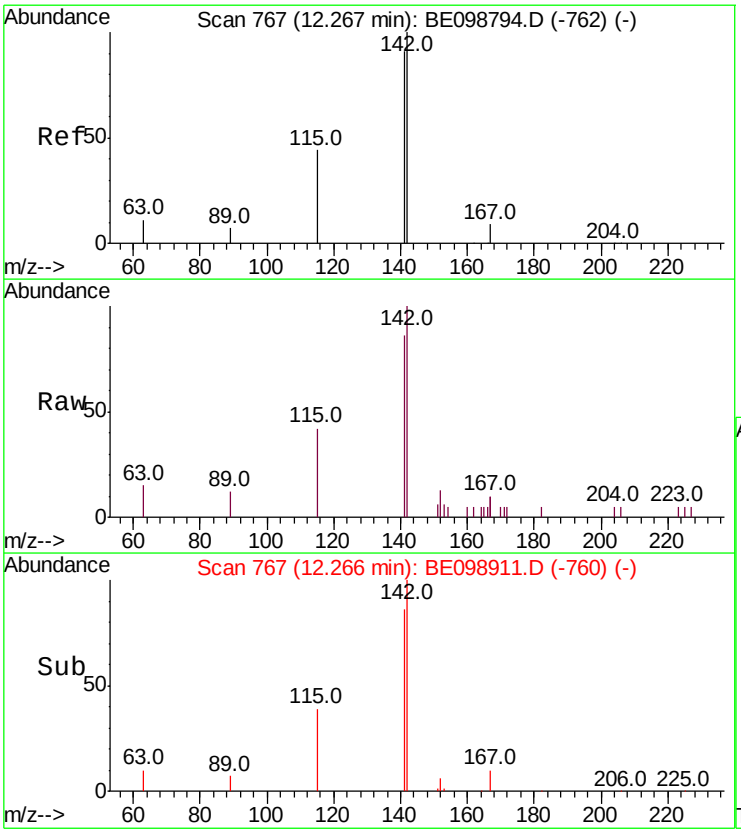
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:152 Resp: 2385

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7

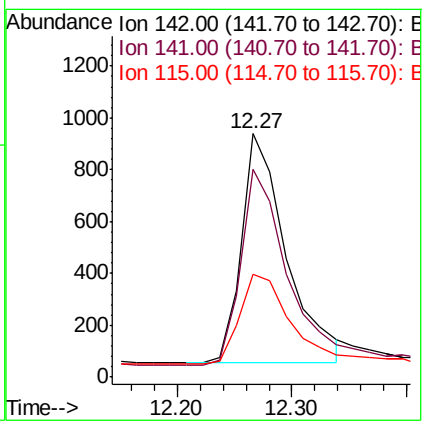


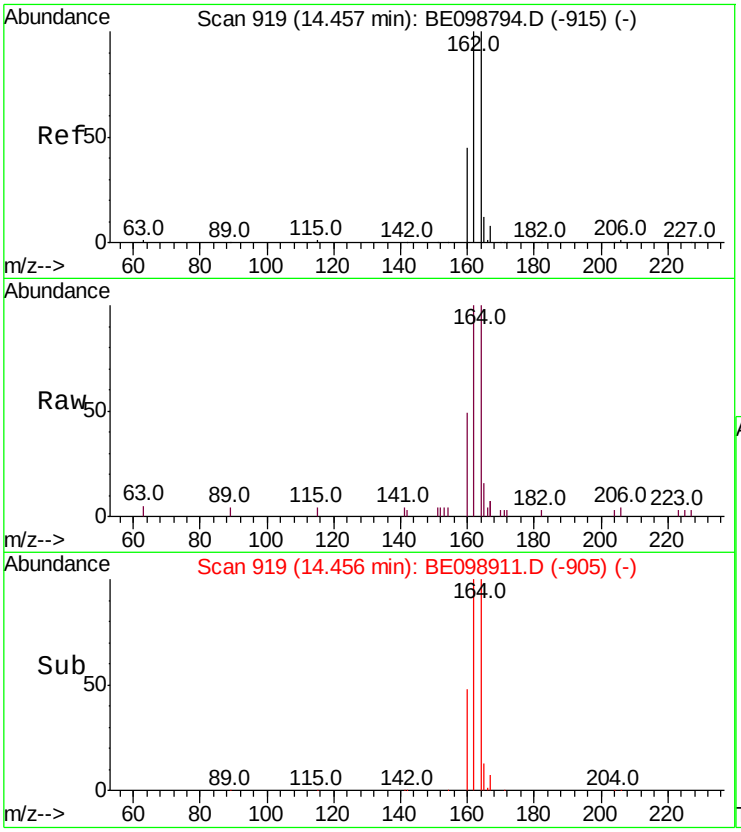


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:142 Resp: 2395

Ion	Ratio	Lower	Upper
142	100		
141	85.6	72.6	108.8
115	42.4	37.4	56.2



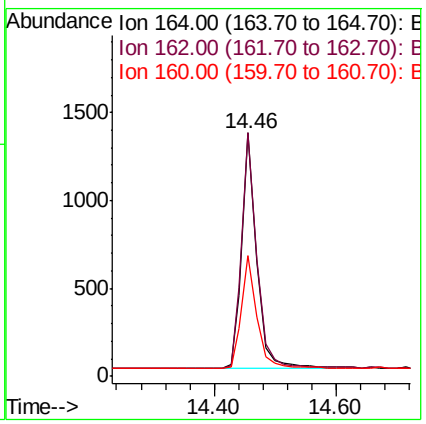


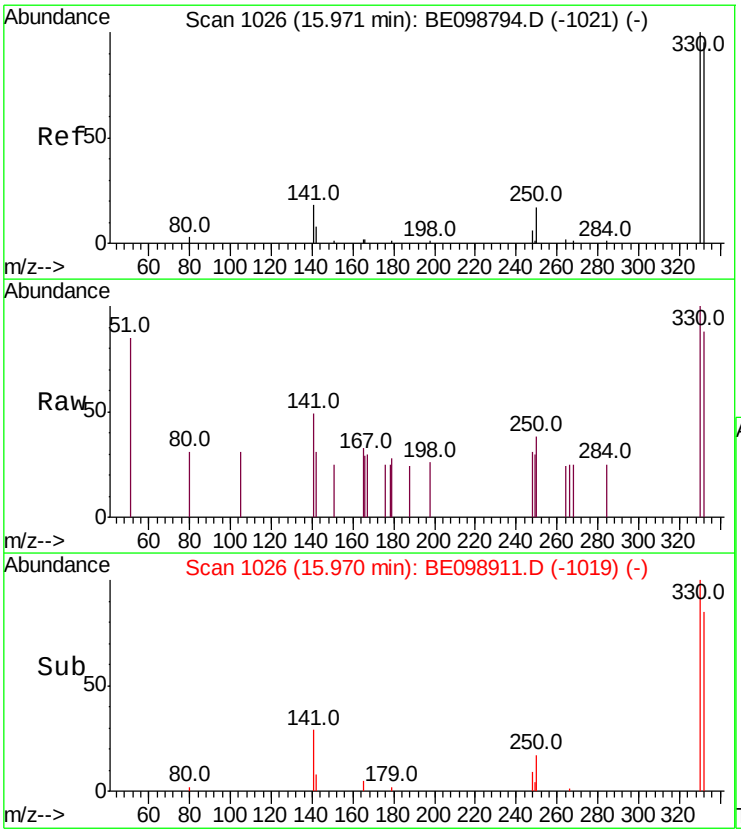
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:164 Resp: 2272

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	49.5	37.8	56.8

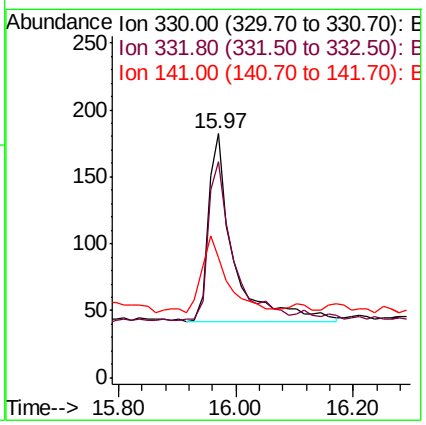


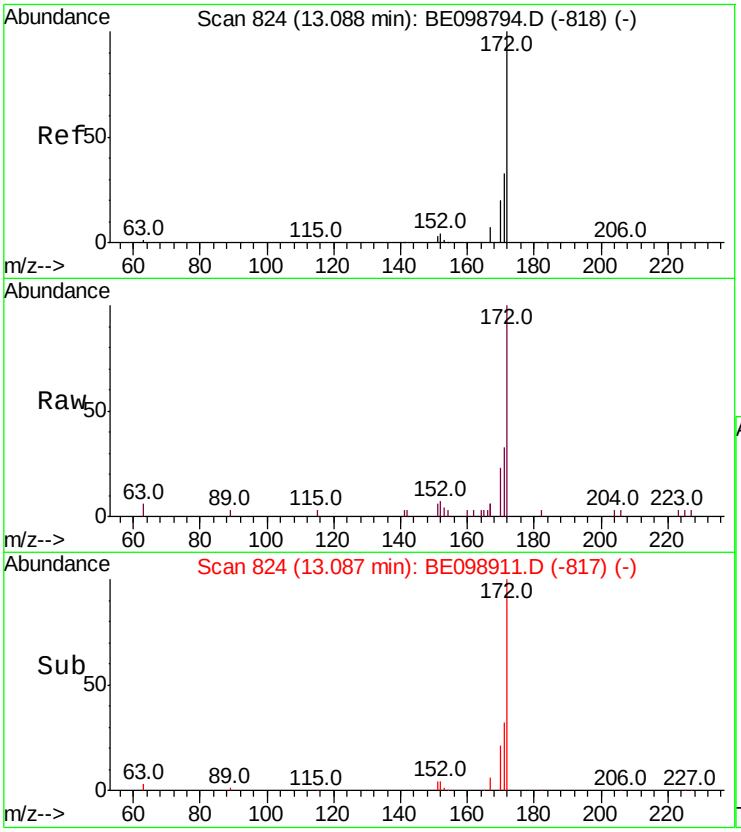


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:330 Resp: 418

Ion	Ratio	Lower	Upper
330	100		
332	83.5	77.6	116.4
141	40.0	31.0	46.4



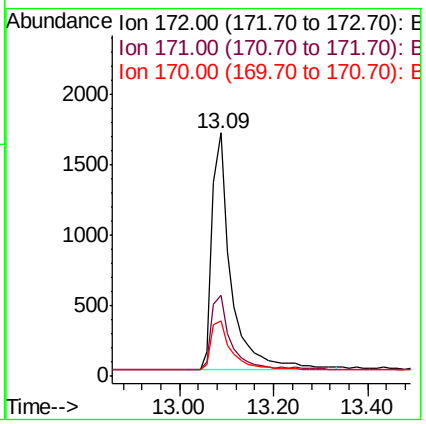


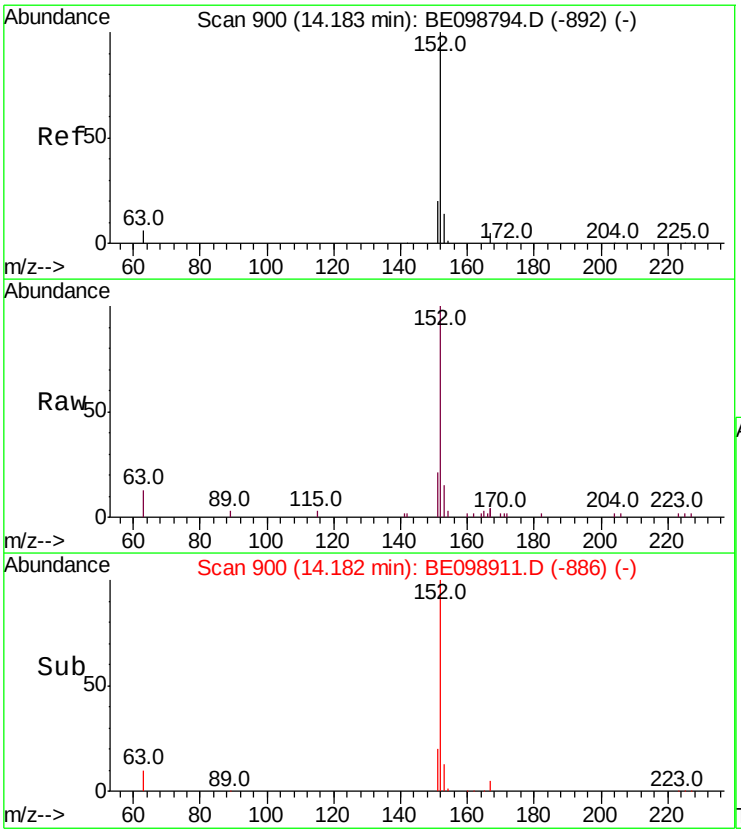
#15
2-Fluorobiphenyl
Concen: 0.504 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:172 Resp: 4742

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.0	42.0
170	22.9	17.7	26.5

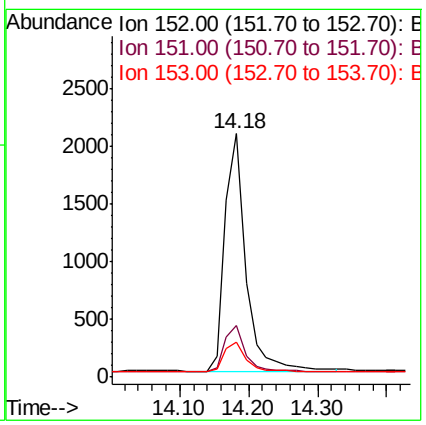


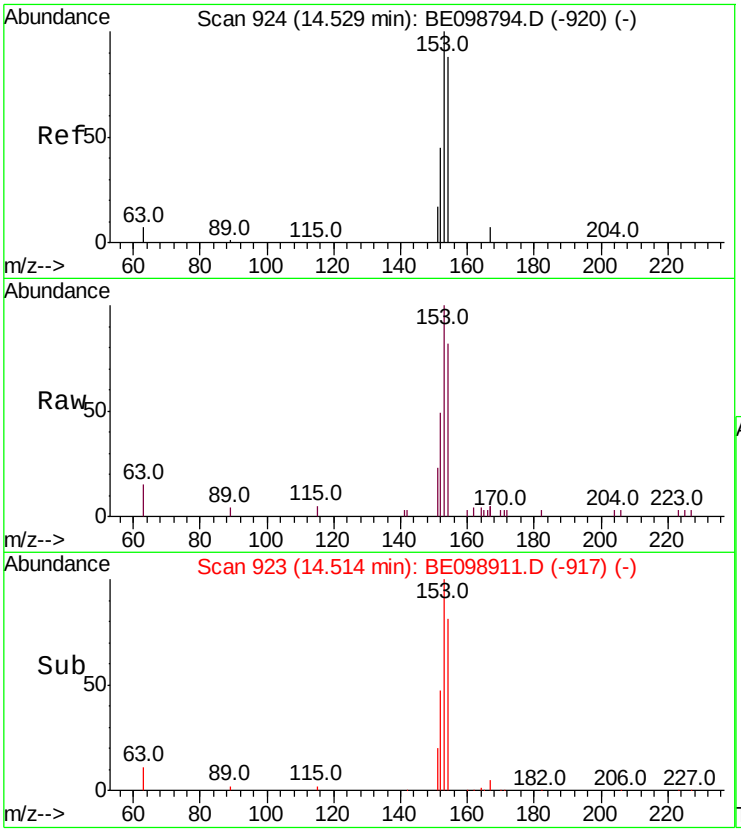


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:152 Resp: 4383

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.2	11.2	16.8



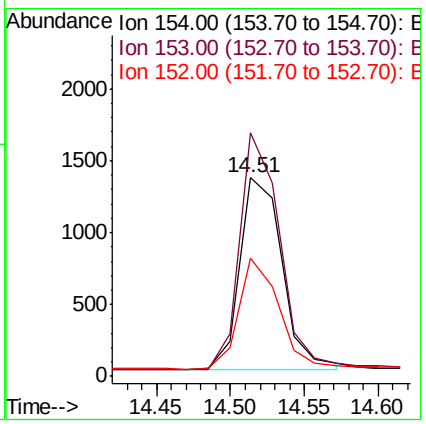


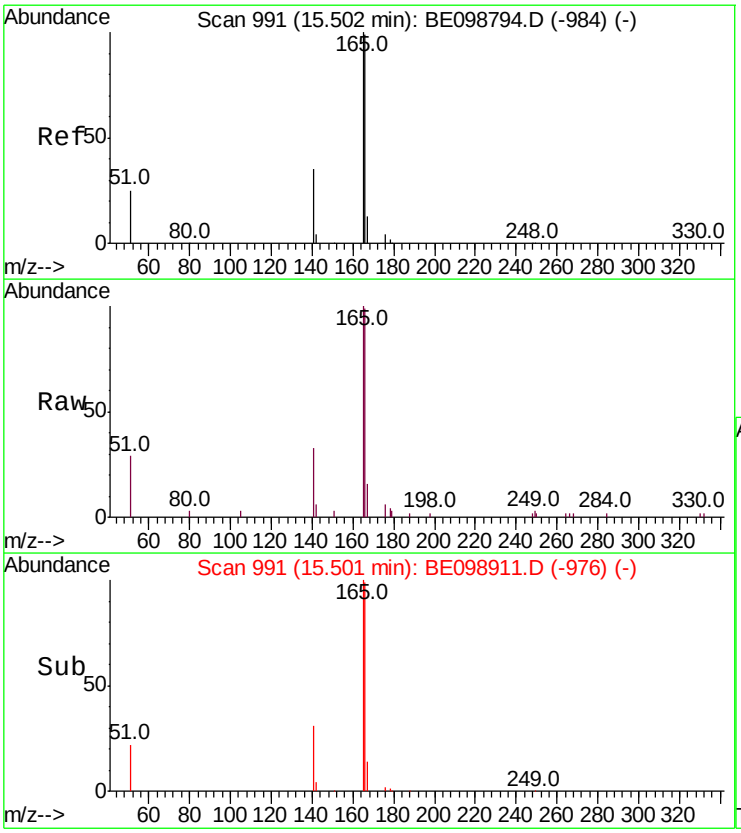
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:154 Resp: 2679

Ion	Ratio	Lower	Upper
154	100		
153	115.2	94.2	141.4
152	54.5	45.0	67.4

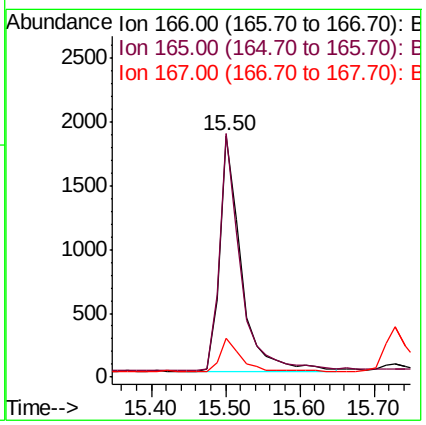


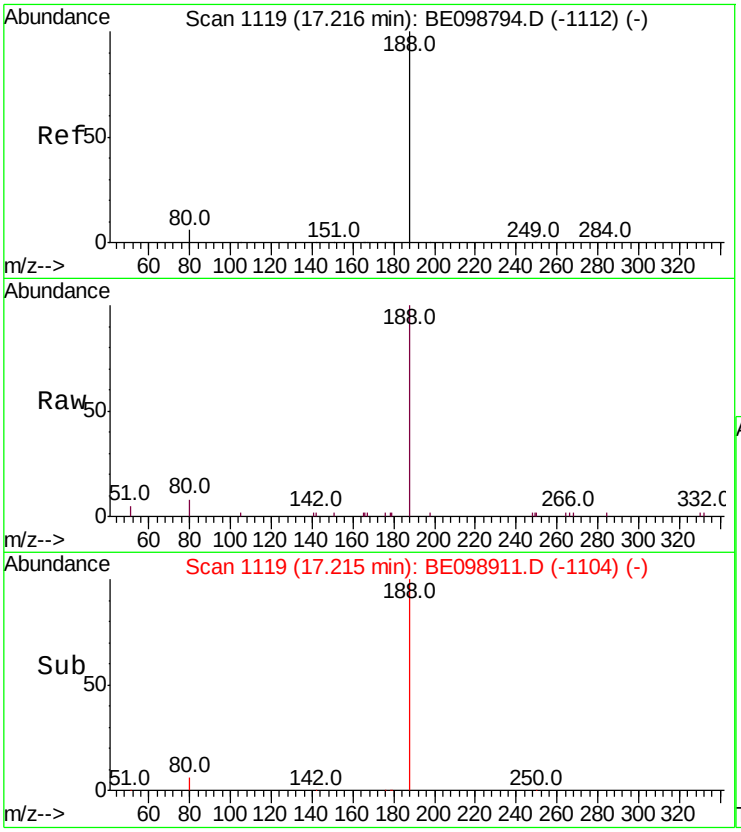


#18
Fluorene
Concen: 0.375 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:166 Resp: 3749

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.4	10.5	15.7



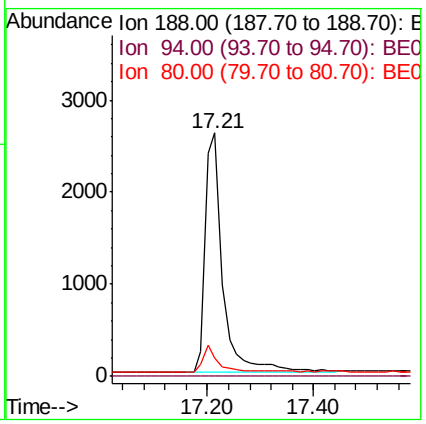


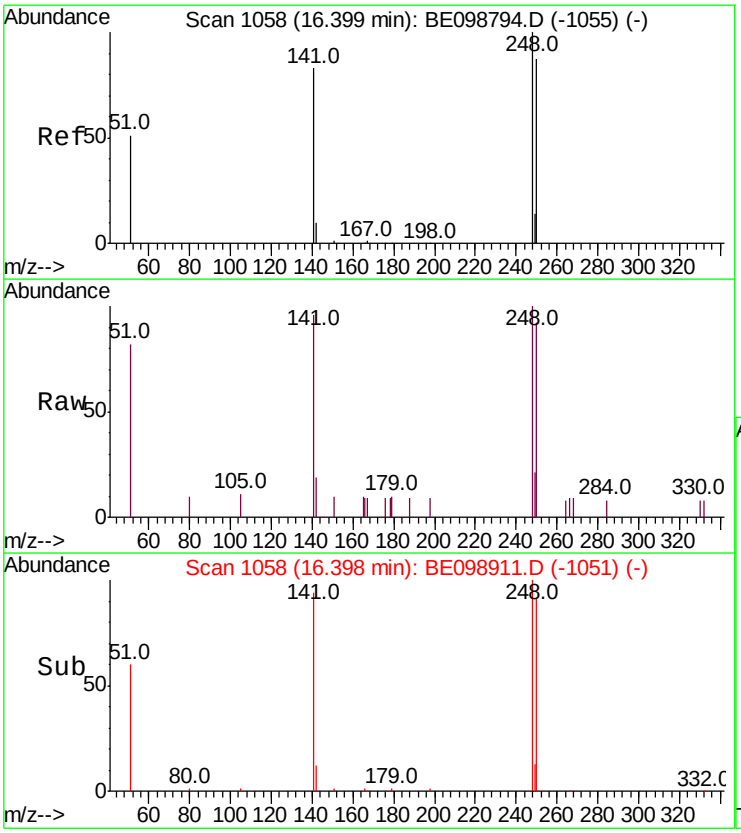
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:188 Resp: 6013

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.3	9.5

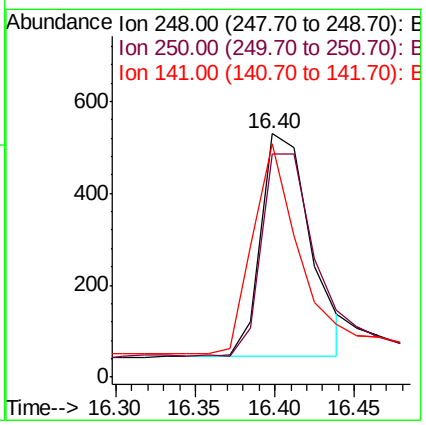


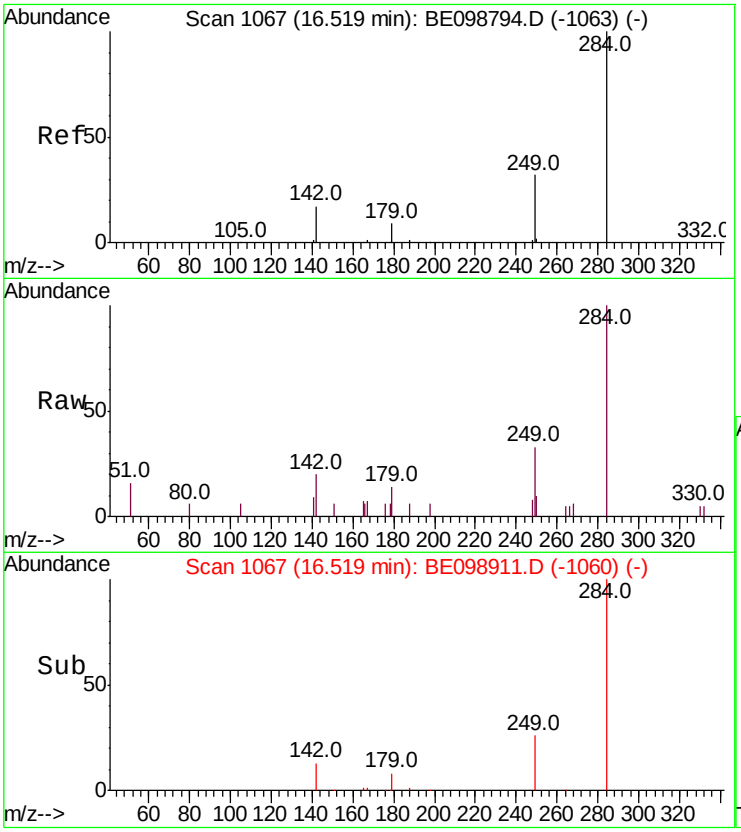


#20
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:248 Resp: 1049

Ion	Ratio	Lower	Upper
248	100		
250	91.9	70.6	105.8
141	95.8	68.6	102.8



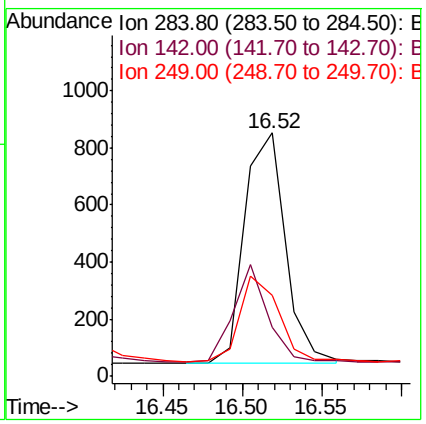


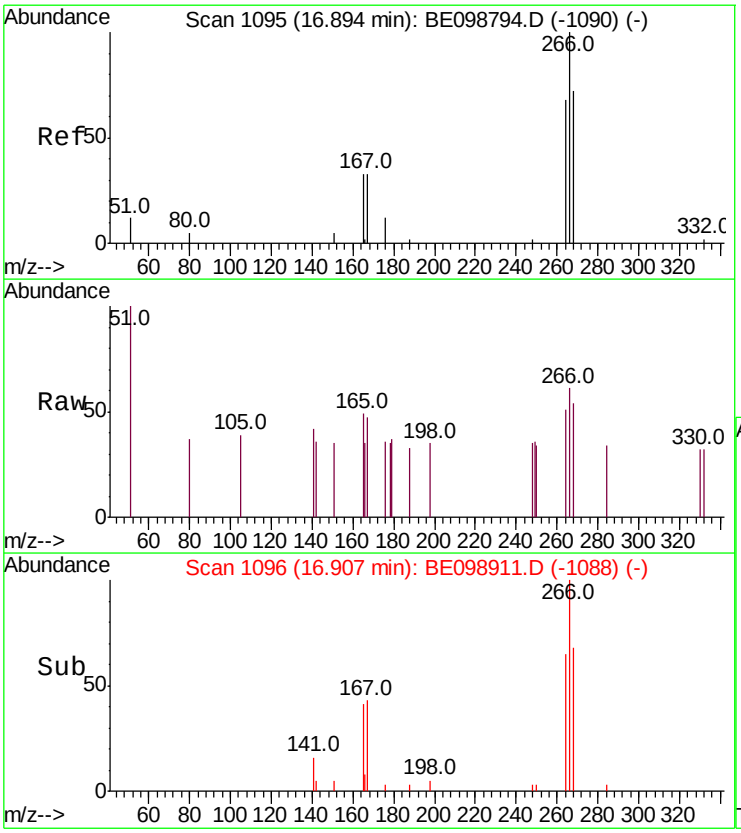
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:284 Resp: 1442

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	35.6	29.6	44.4

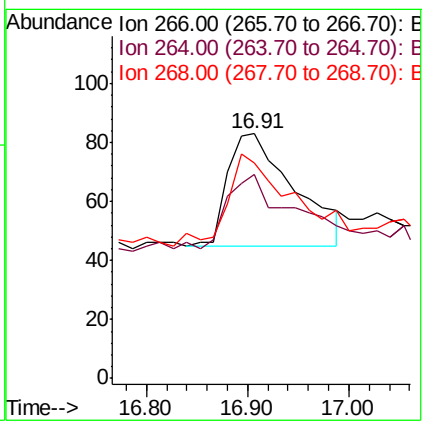


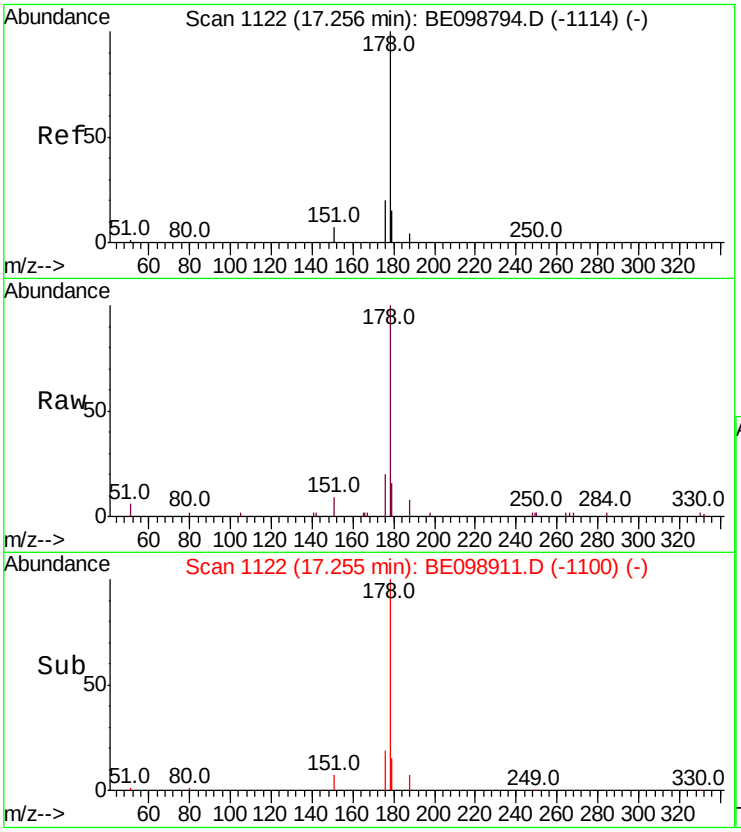


#22
Pentachlorophenol
Concen: 0.396 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:266 Resp: 173

Ion	Ratio	Lower	Upper
266	100		
264	83.1	66.6	100.0
268	88.0	69.8	104.8



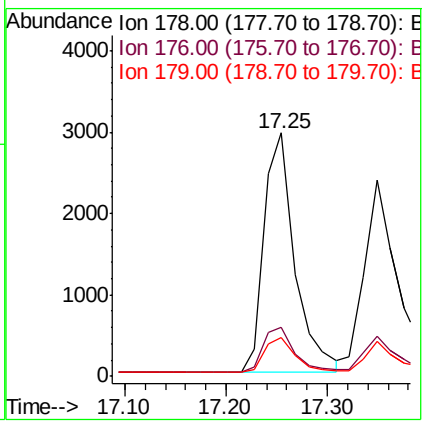


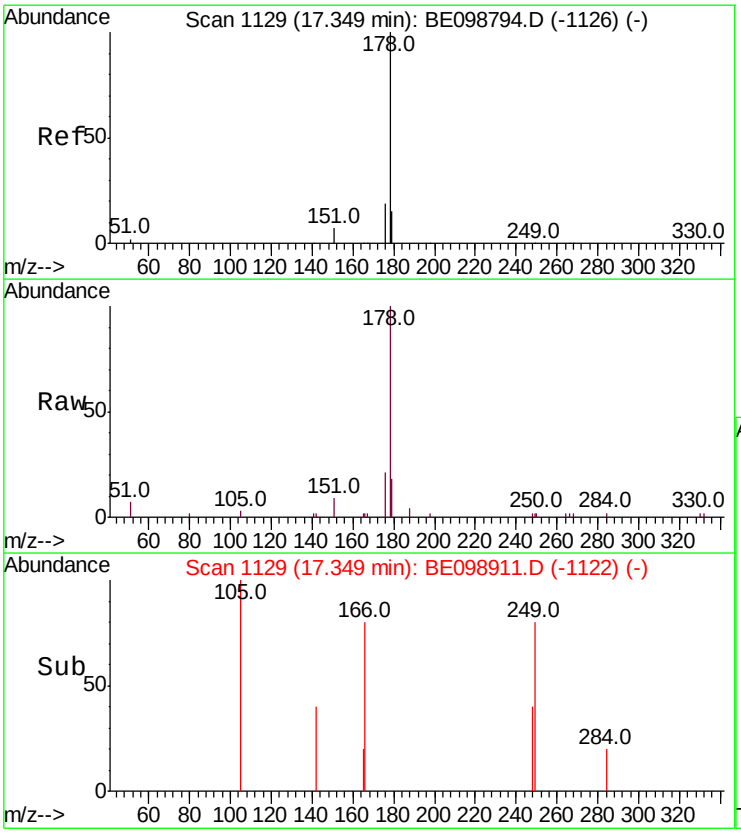
#23
Phenanthrene
Concen: 0.365 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:178 Resp: 6237

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	14.9	12.1	18.1

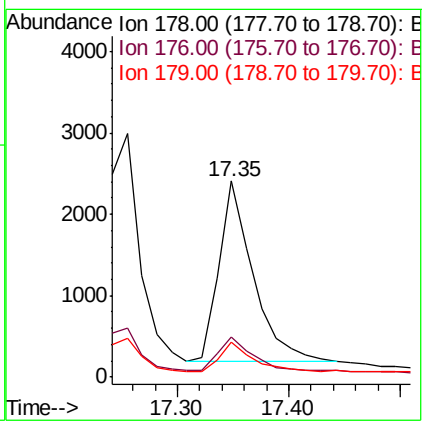


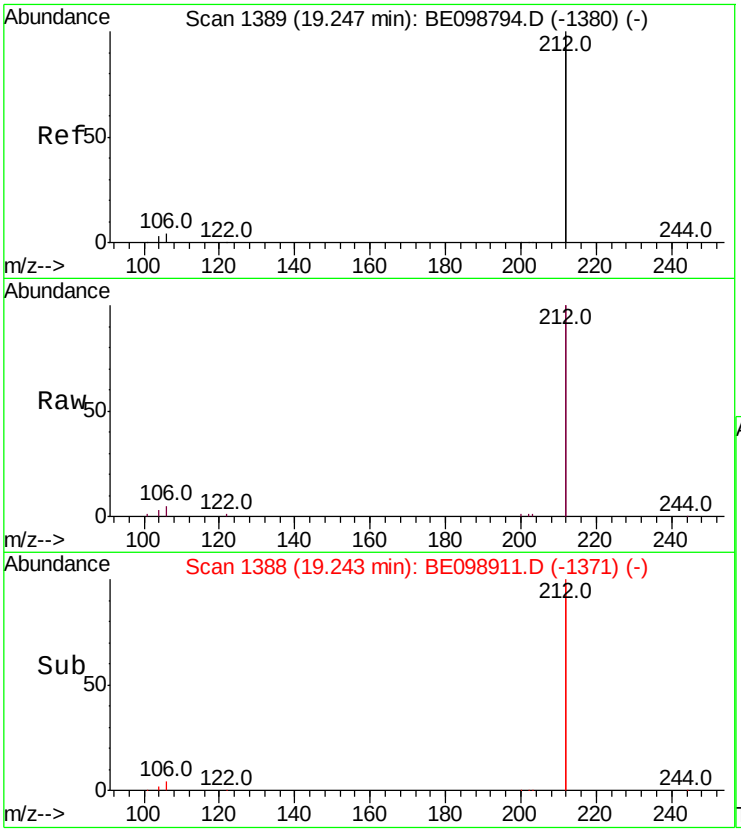


#24
Anthracene
Concen: 0.321 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:178 Resp: 4684

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	14.9	12.2	18.4



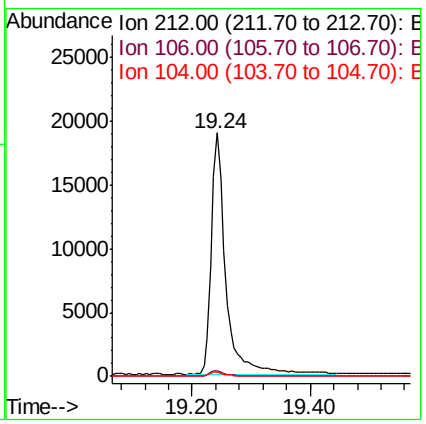


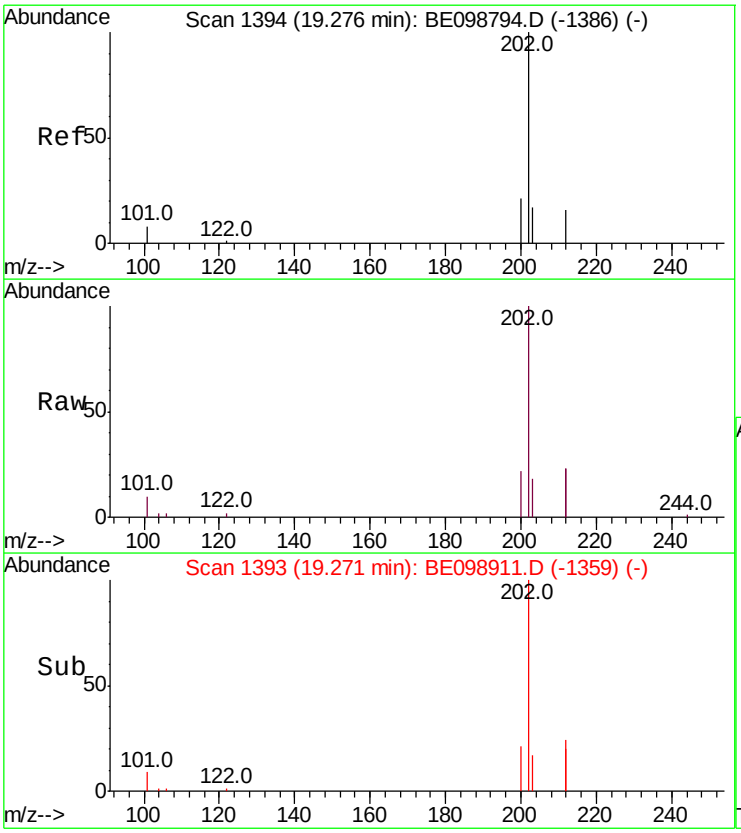
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:212 Resp: 32330

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.4	1.0	1.6

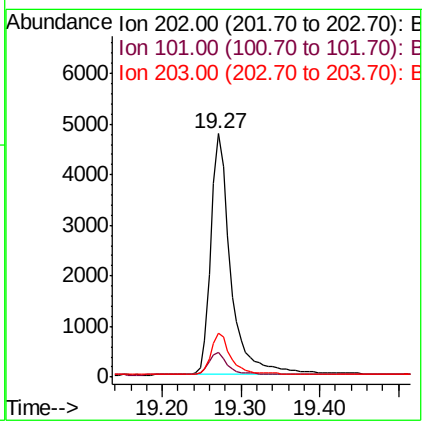


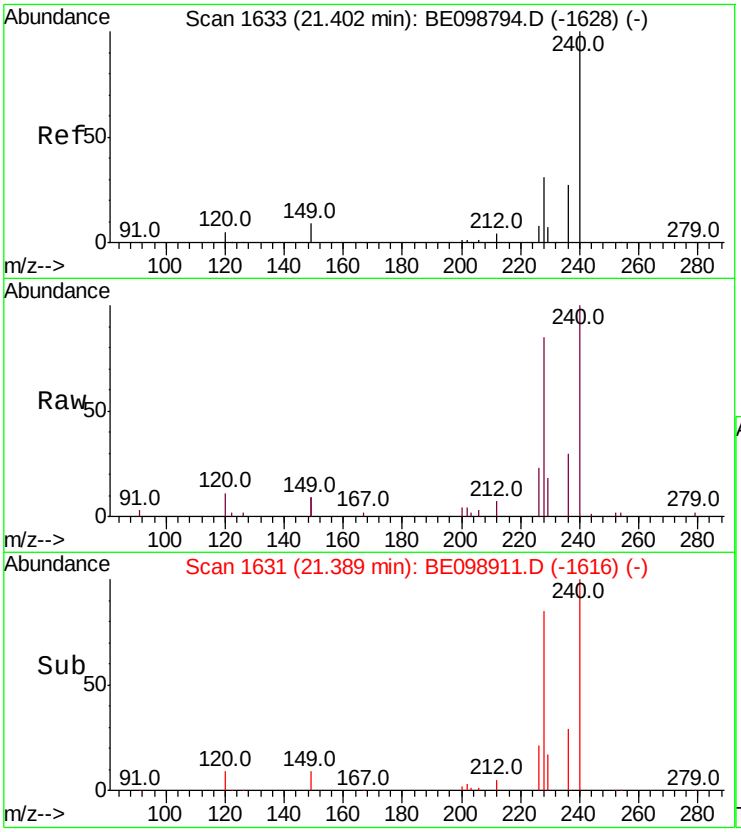


#26
Fluoranthene
Concen: 0.343 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:202 Resp: 8275

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.4	13.4	20.2



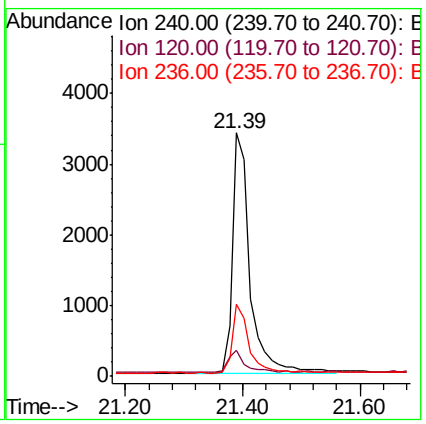


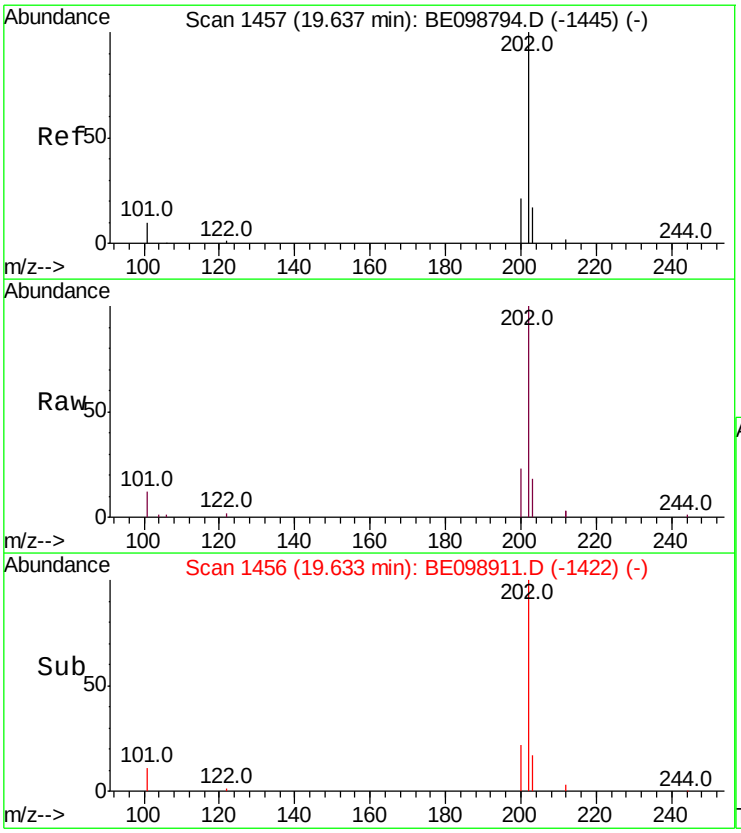
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:240 Resp: 7101

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.0	7.4#
236	29.8	22.7	34.1

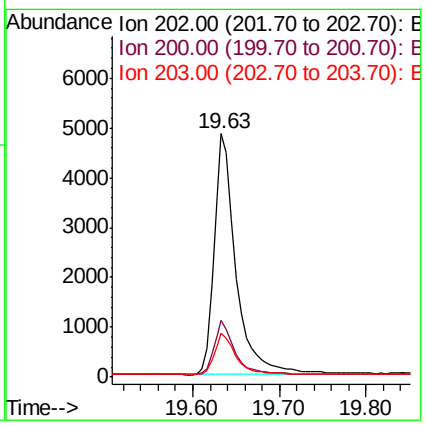


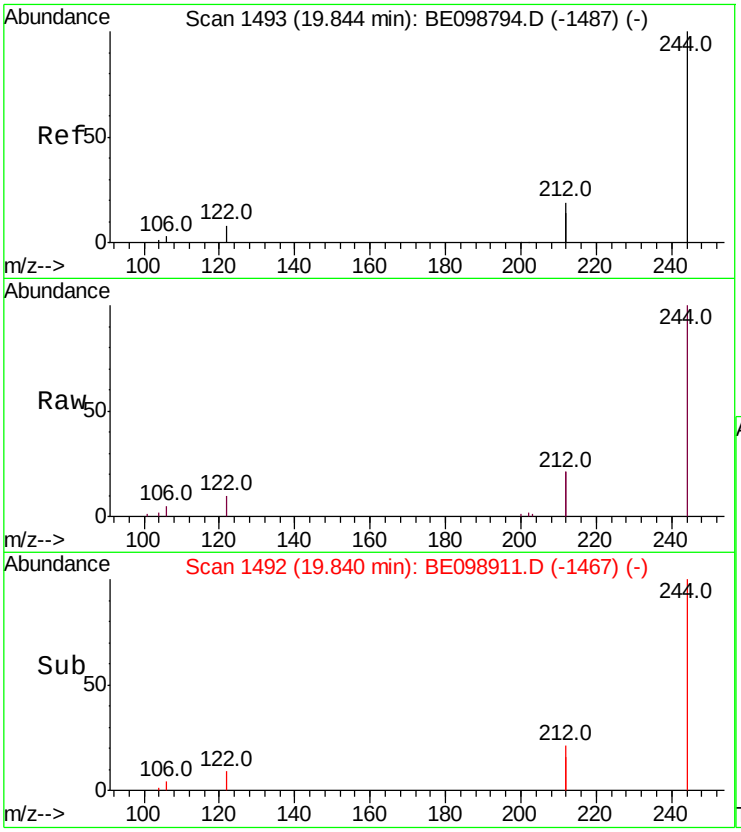


#28
Pyrene
Concen: 0.395 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:202 Resp: 8583

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.2	14.2	21.2



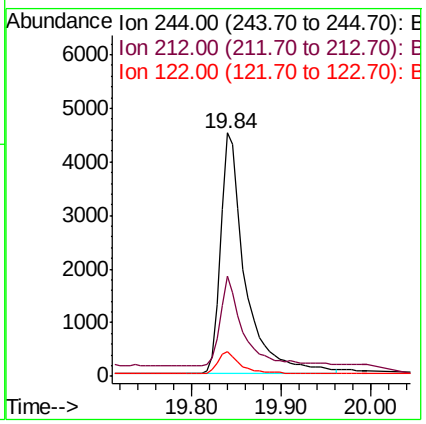


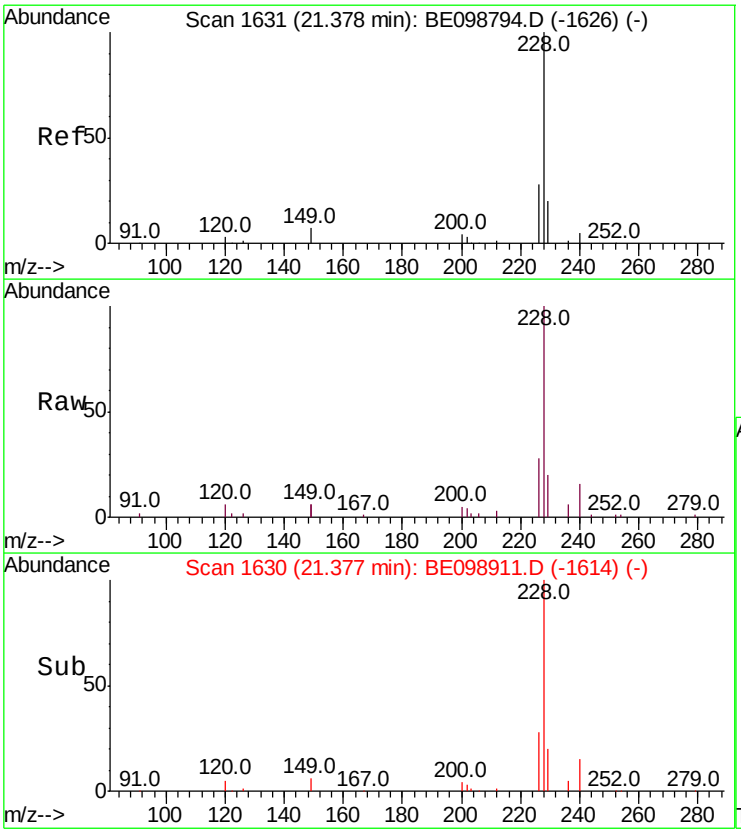
#29
Terphenyl-d14
Concen: 0.497 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:244 Resp: 8570

Ion	Ratio	Lower	Upper
244	100		
212	41.1	29.4	44.2
122	10.3	7.1	10.7

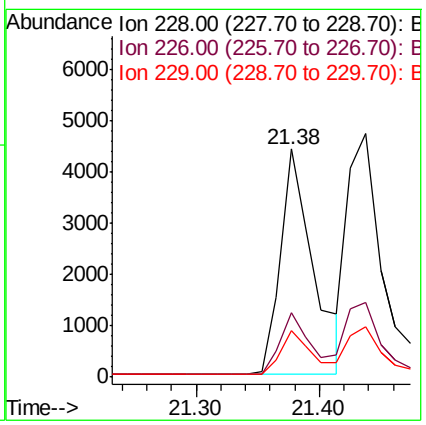


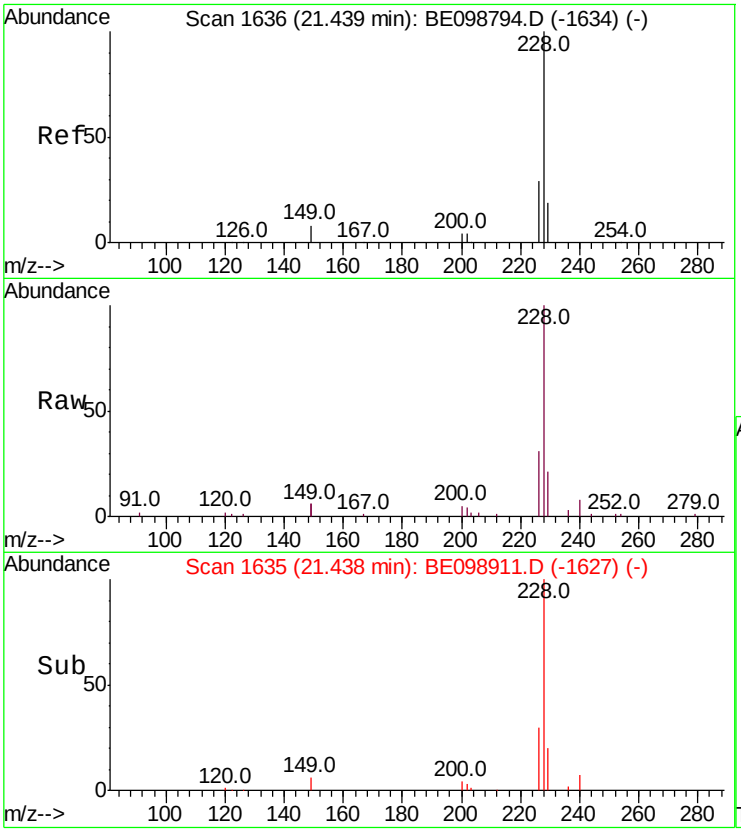


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:228 Resp: 8204

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.4	16.5	24.7



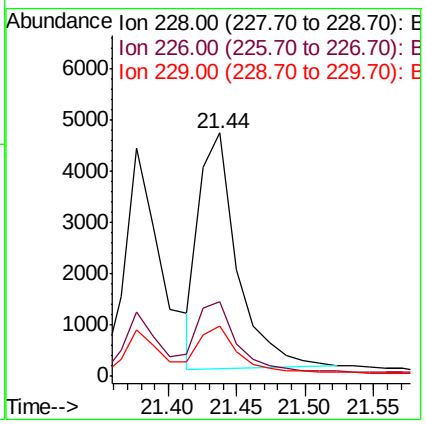


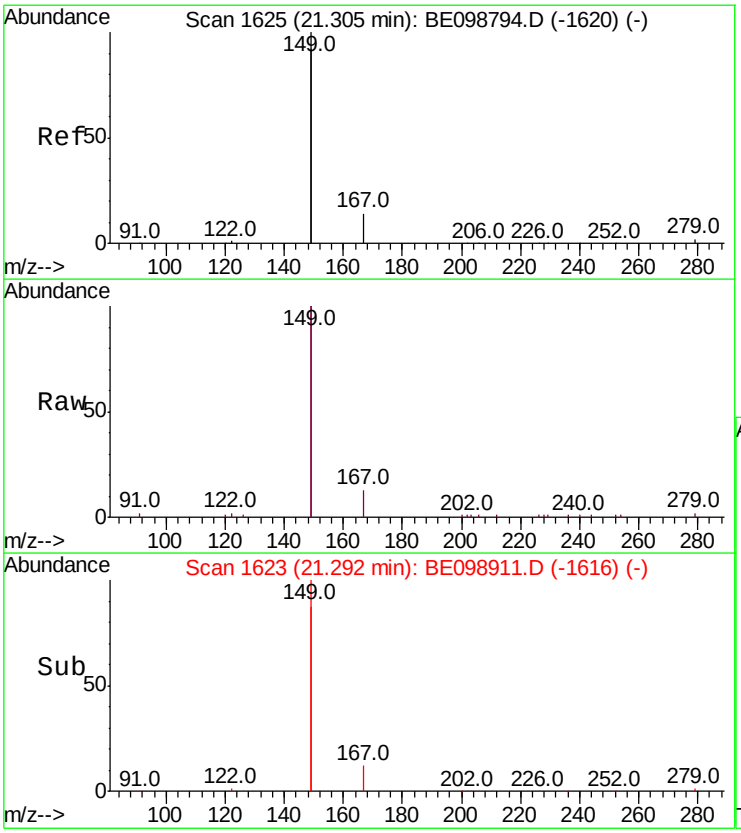
#31
Chrysene
Concen: 0.371 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:228 Resp: 8802

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	20.5	16.1	24.1

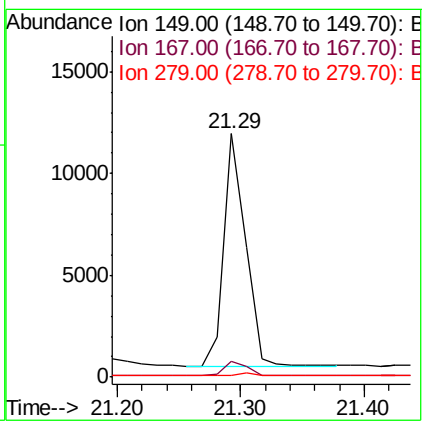


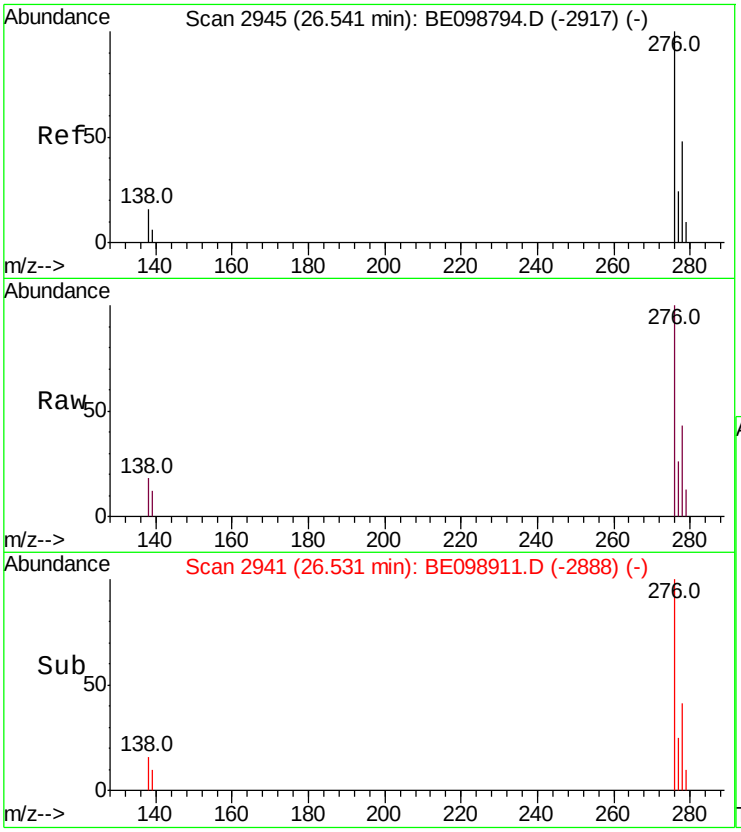


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:149 Resp: 13947

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.3	1.0	1.4



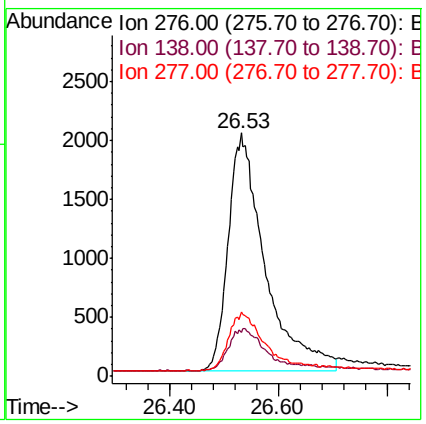


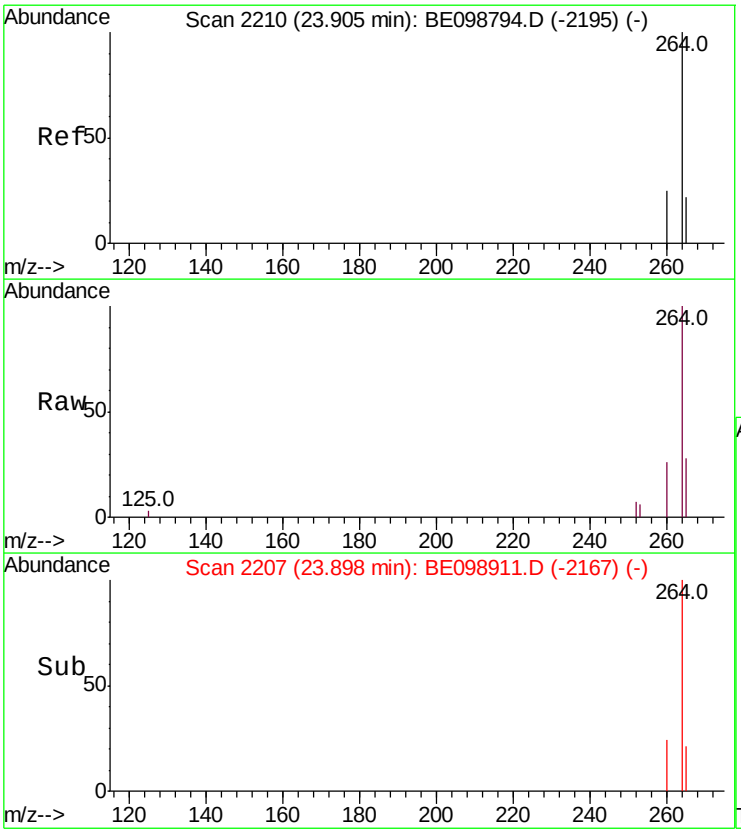
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:276 Resp: 9549

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.8	20.8
277	22.9	19.5	29.3

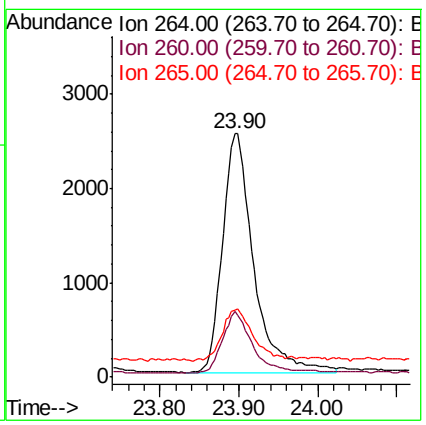


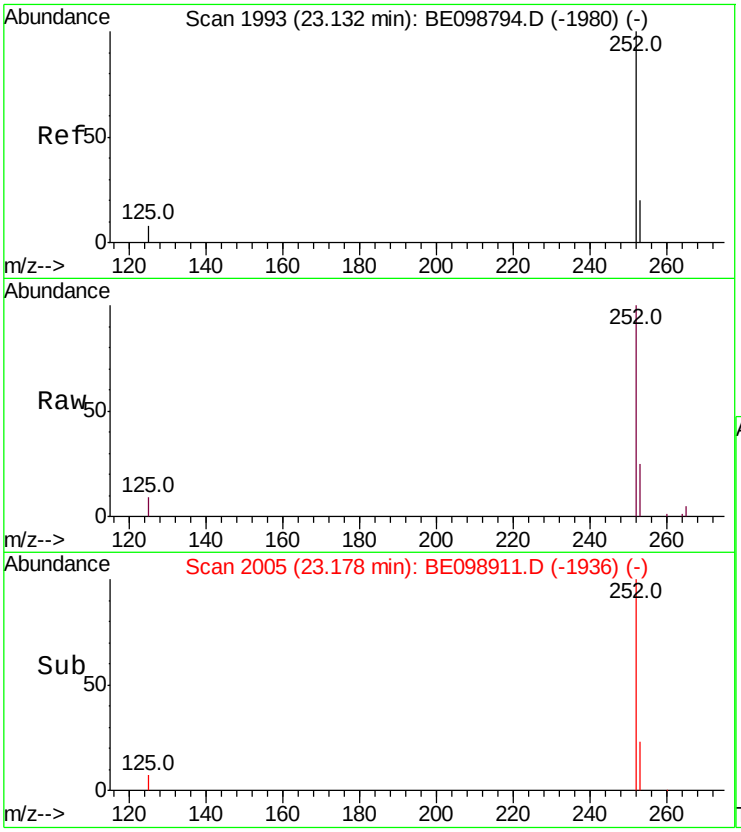


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:264 Resp: 6923

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	27.8	24.6	36.8



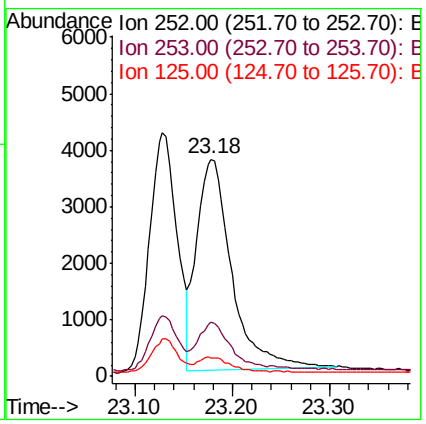


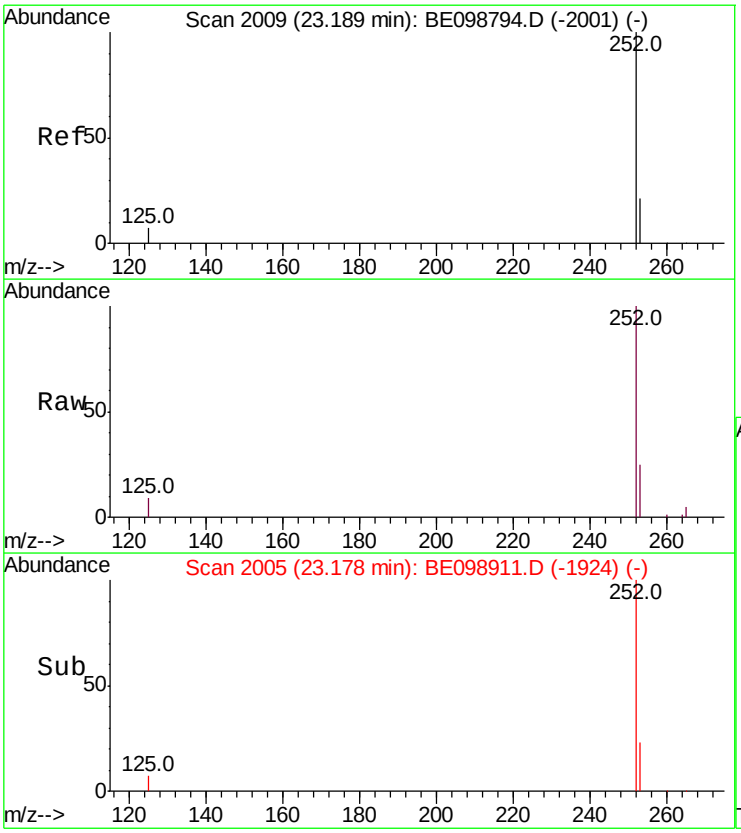
#35
Benzo(b)fluoranthene
Concen: 0.410 ng
RT: 23.18 min Scan# 2005
Delta R.T. 0.05 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:252 Resp: 9339

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	8.7	7.3	10.9

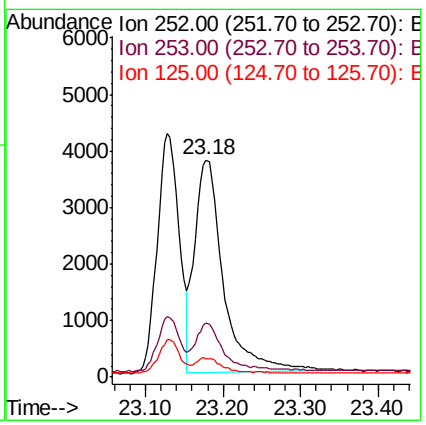


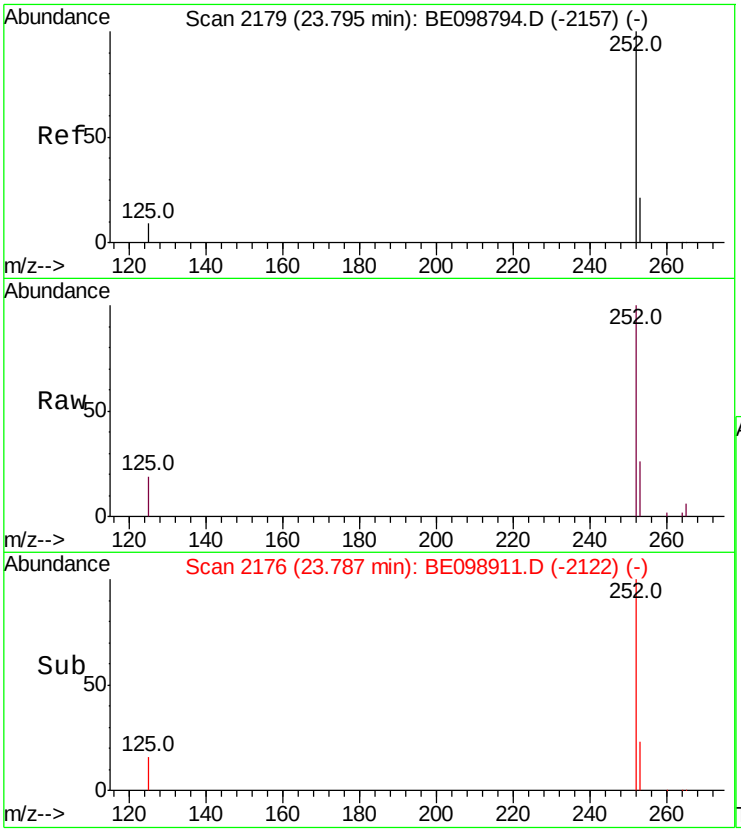


#36
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 23.18 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:252 Resp: 9674

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	8.7	7.5	11.3



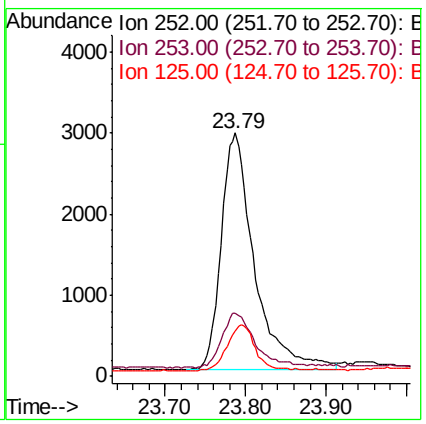


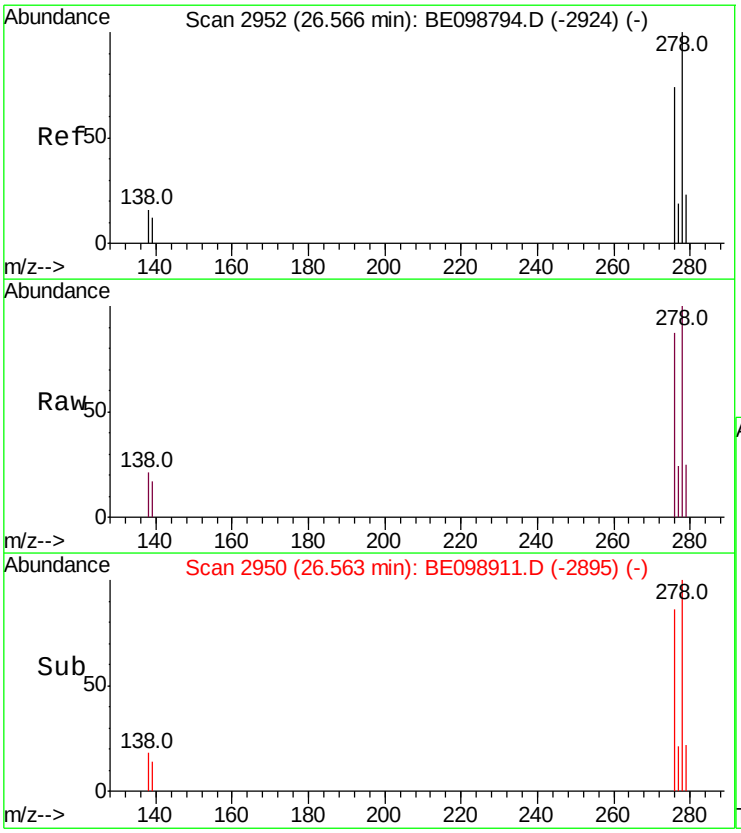
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:252 Resp: 8374

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.9	29.9
125	18.5	9.0	13.4#

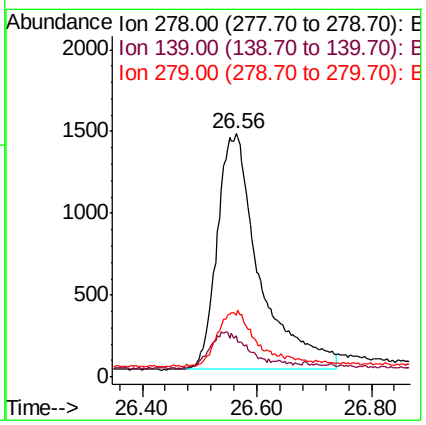


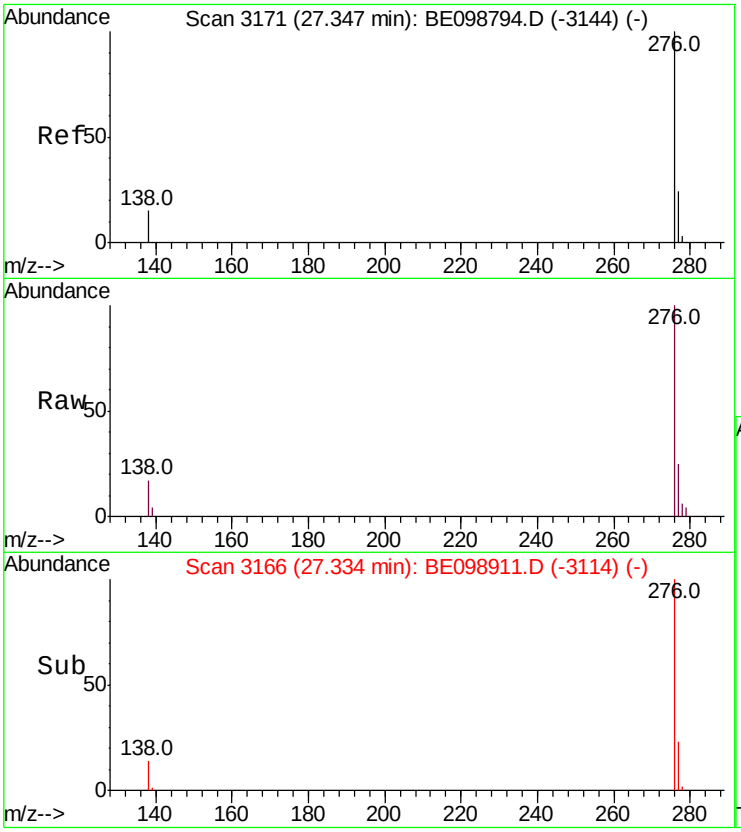


#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.56 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Tgt Ion:278 Resp: 7355

Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.8	17.6
279	25.4	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE098911.D
Acq: 13 Mar 2019 14:40

Instrument :
BNA_E
ClientSampleId :
PB117852BSD

Tgt Ion:276 Resp: 7944

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	17.1	13.6	20.4