Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098910.D
Acq On : 13 Mar 2019 14:04
Operator : JU/SJ
Sample : PB117852BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 14 06:55:13 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	7.79	152	809	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3429	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2340	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6042	0.40	ng		0.00
27) Chrysene-d12	21.39	240	6788	0.40	ng		-0.01
34) Perylene-d12	23.90	264	6678	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	764	0.32	ng		0.01
5) Phenol-d6	7.00	99	1240	0.36	ng		0.01
8) Nitrobenzene-d5	8.98	82	1168	0.32	ng		0.01
11) 2-Methylnaphthalene-d10	12.20	152	2431	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	348	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3605	0.37	ng		0.00
25) Fluoranthene-d10	19.24	212	31960	0.33	ng		0.00
29) Terphenyl-d14	19.85	244	6340	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	621	0.394	ng		92
3) n-Nitrosodimethylamine	3.66	42	337	0.166	ng	#	98
6) bis(2-Chloroethyl)ether	7.23	93	724	0.275	ng		96
9) Naphthalene	10.64	128	15149	0.386	ng		100
10) Hexachlorobutadiene	10.91	225	1010	0.389	ng		99
12) 2-Methylnaphthalene	12.27	142	2355	0.370	ng		97
16) Acenaphthylene	14.18	152	4367	0.363	ng		97
17) Acenaphthene	14.52	154	2560	0.359	ng		95
18) Fluorene	15.50	166	3618	0.351	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1048	0.320	ng		93
21) Hexachlorobenzene	16.52	284	1470	0.378	ng		96
22) Pentachlorophenol	16.91	266	172	0.394	ng		94
23) Phenanthrene	17.25	178	5982	0.348	ng		98
24) Anthracene	17.35	178	4469	0.304	ng		99
26) Fluoranthene	19.27	202	7995	0.330	ng		100
28) Pyrene	19.63	202	8263	0.398	ng		100
30) Benzo(a)anthracene	21.38	228	7008	0.331	ng		98
31) Chrysene	21.44	228	9012	0.398	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	12967	0.288	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	8831	0.369	ng		97
35) Benzo(b)fluoranthene	23.18	252	8451	0.385	ng		97
36) Benzo(k)fluoranthene	23.18	252	8451	0.368	ng		99
37) Benzo(a)pyrene	23.79	252	8037	0.382	ng	#	89
38) Dibenzo(a,h)anthracene	26.55	278	6578	0.330	ng		95
39) Benzo(g,h,i)perylene	27.33	276	7723	0.371	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098910.D
Acq On : 13 Mar 2019 14:04
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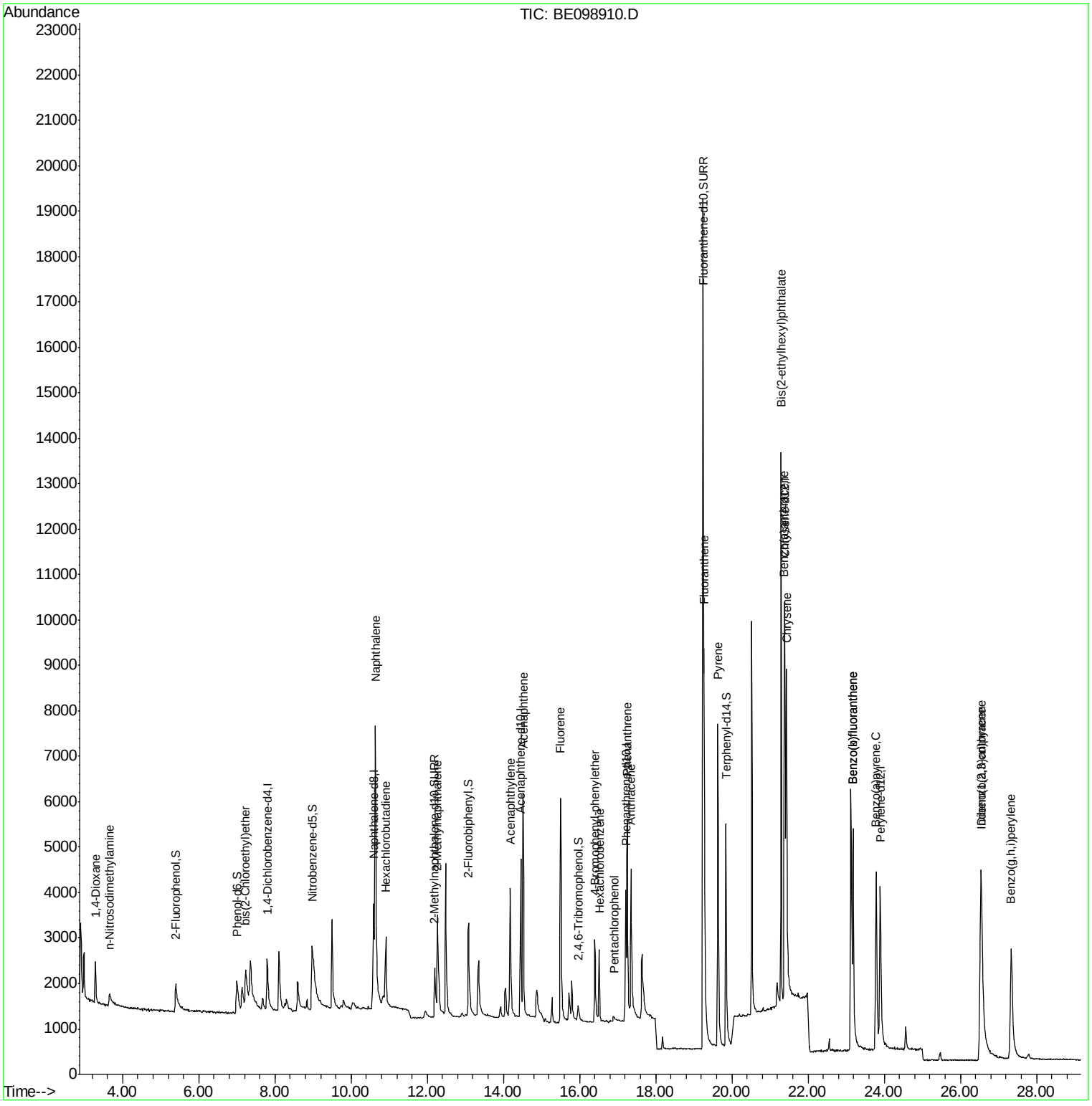
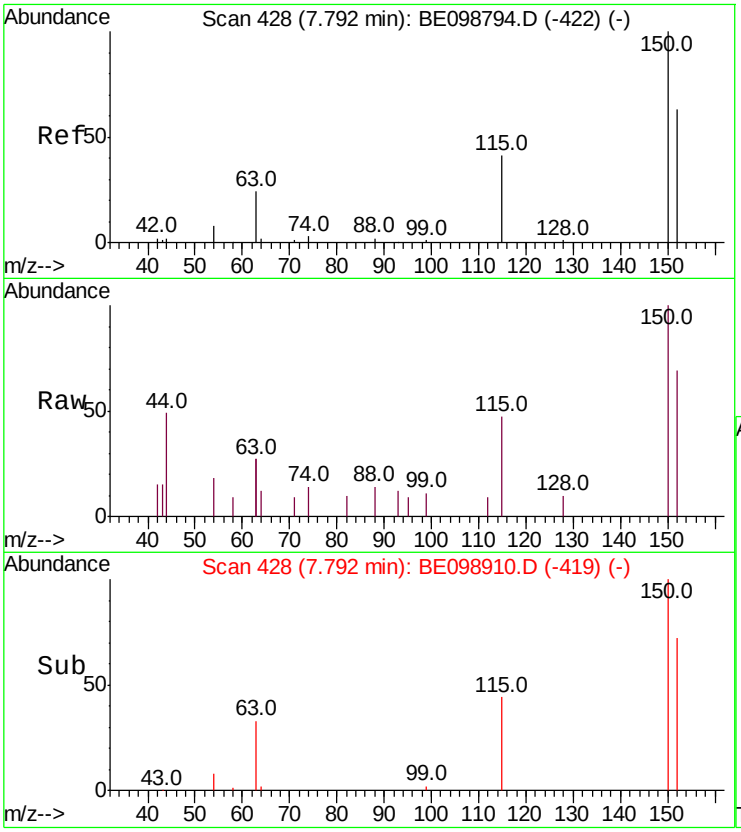
Sample : PB117852BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 14 06:55:13 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



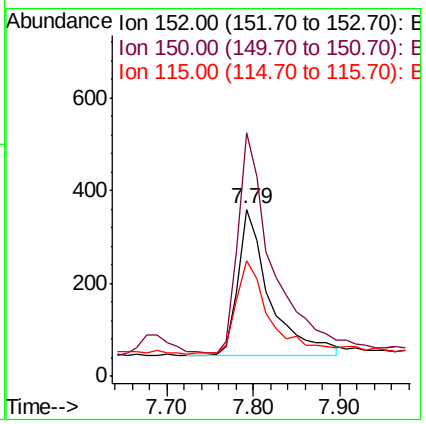


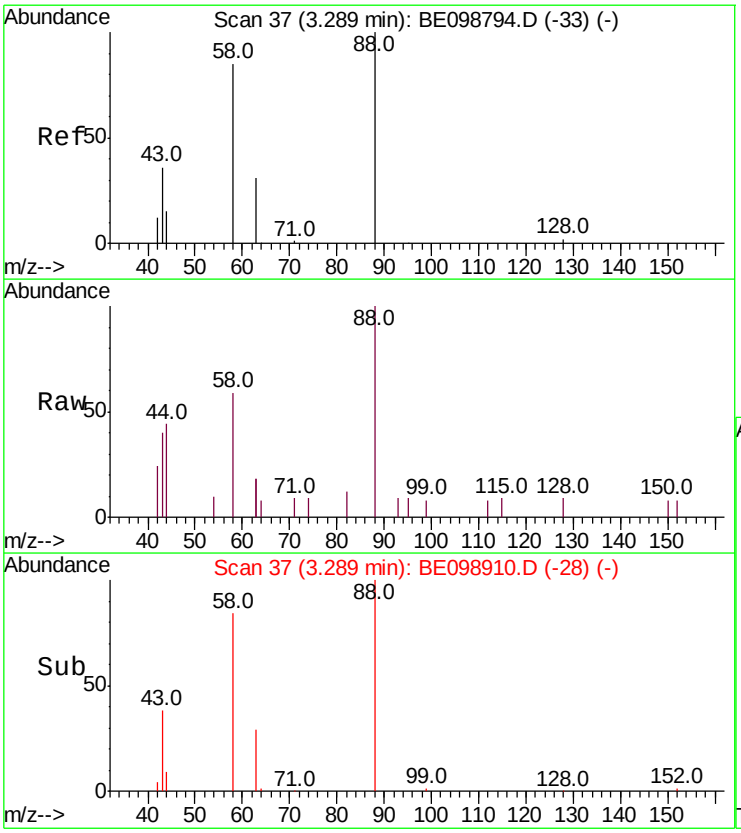
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 809

Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.5	183.7
115	68.9	57.4	86.2

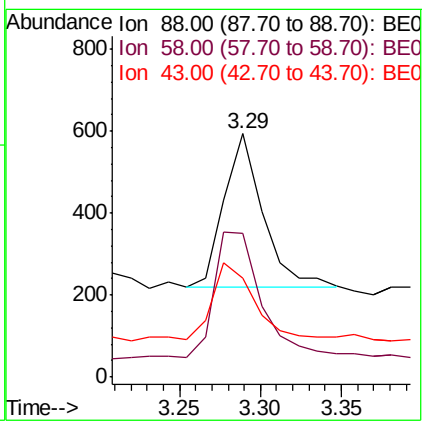


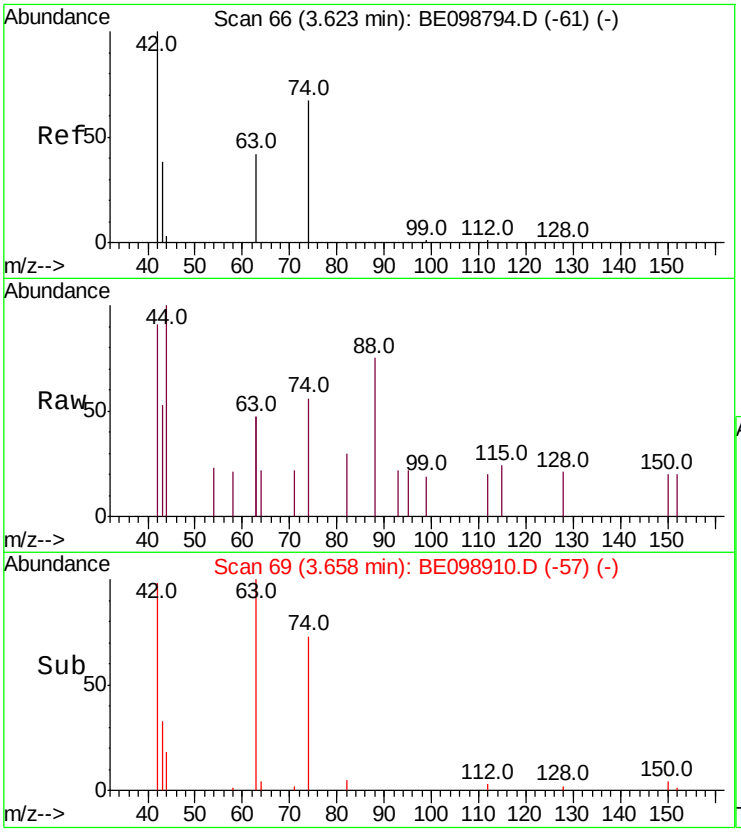


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion: 88 Resp: 621

Ion	Ratio	Lower	Upper
88	100		
58	102.7	75.8	113.6
43	58.3	41.8	62.8



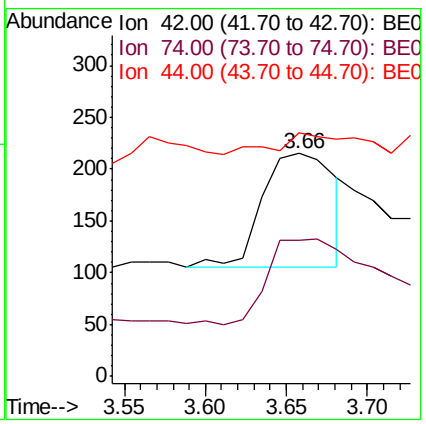


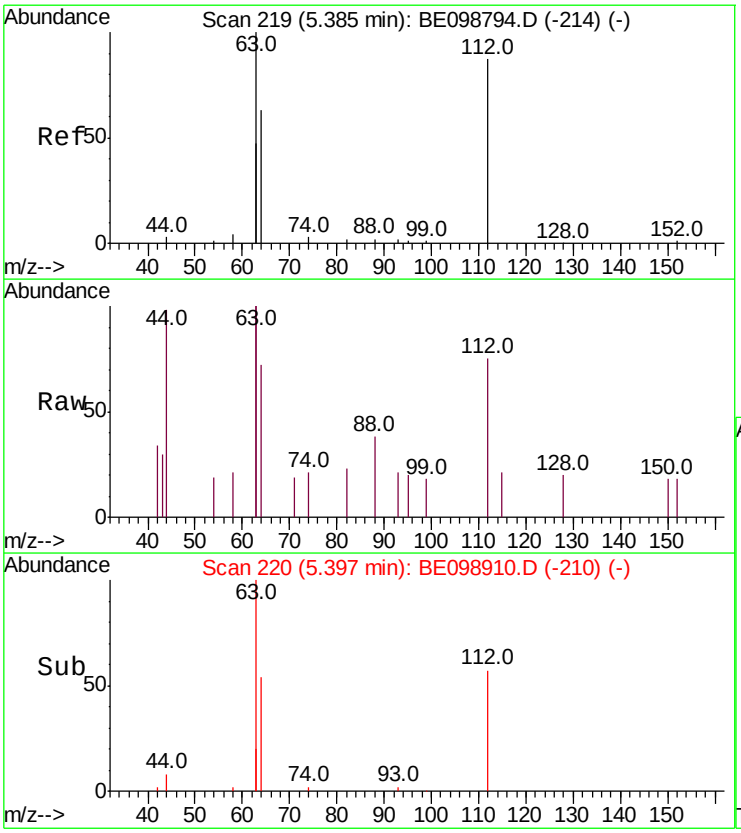
#3
n-Nitrosodimethylamine
Concen: 0.166 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.03 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 337

Ion	Ratio	Lower	Upper
42	100		
74	73.0	57.0	85.4
44	14.8	0.0	0.0#

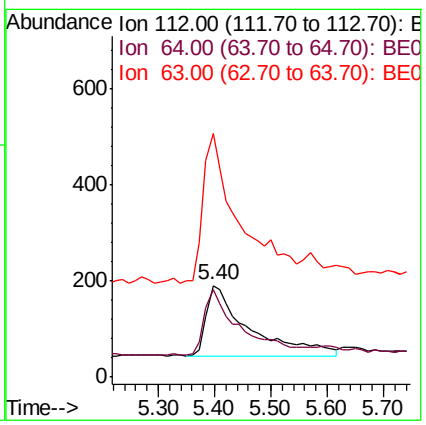


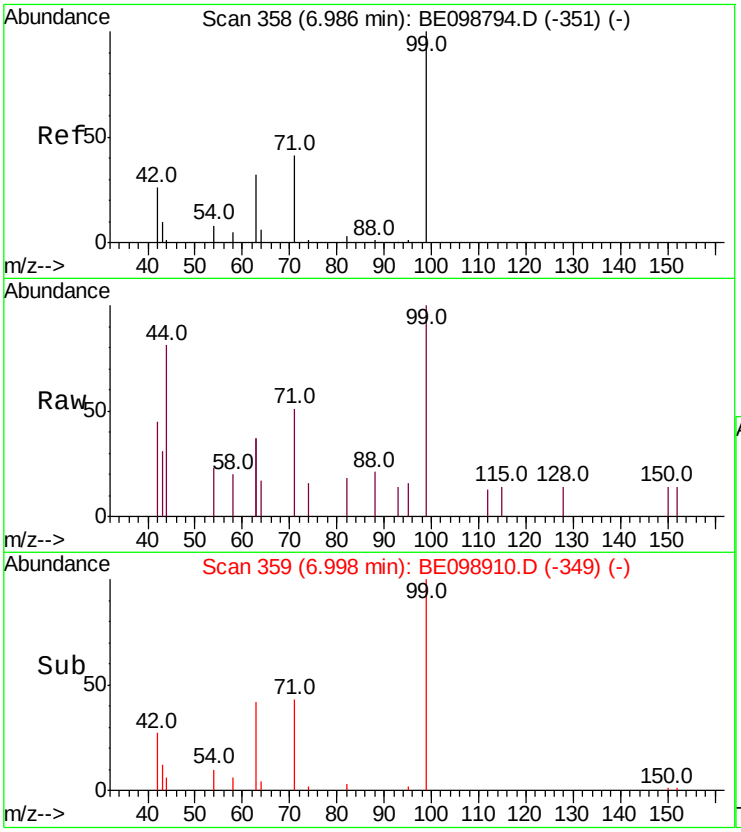


#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:112 Resp: 764

Ion	Ratio	Lower	Upper
112	100		
64	80.4	57.9	86.9
63	180.8	158.3	237.5



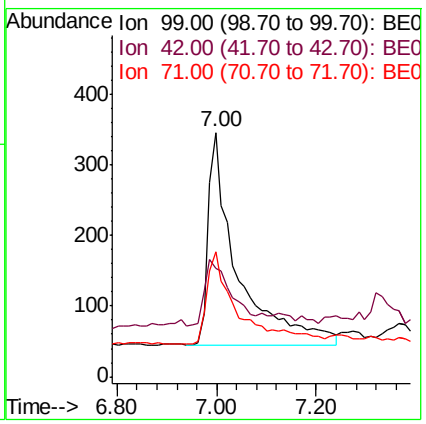


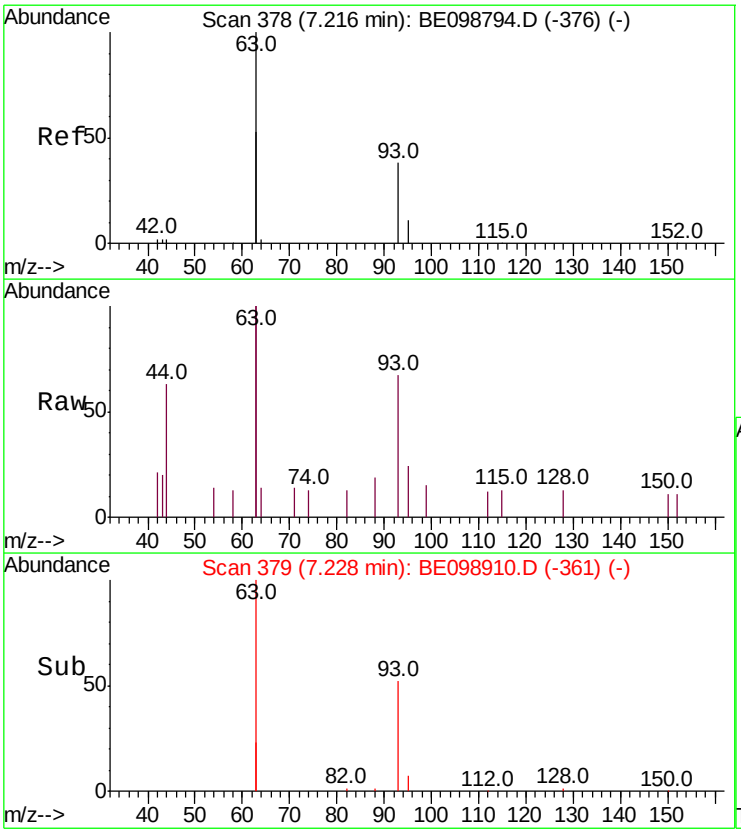
#5
Phenol-d6
Concen: 0.363 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1240

Ion	Ratio	Lower	Upper
99	100		
42	28.3	24.2	36.2
71	46.5	35.7	53.5

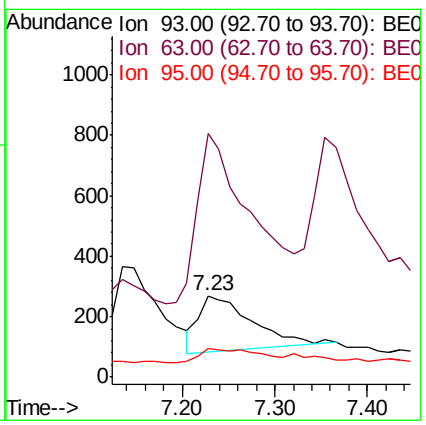


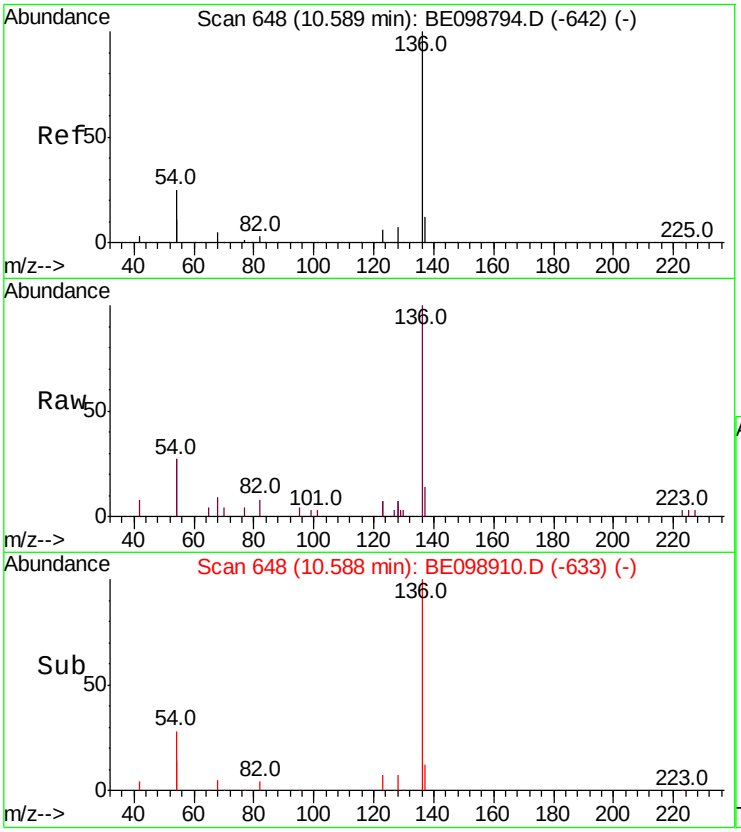


#6
bis(2-Chloroethyl)ether
Concen: 0.275 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion: 93 Resp: 724

Ion	Ratio	Lower	Upper
93	100		
63	317.7	247.5	371.3
95	27.8	21.8	32.8



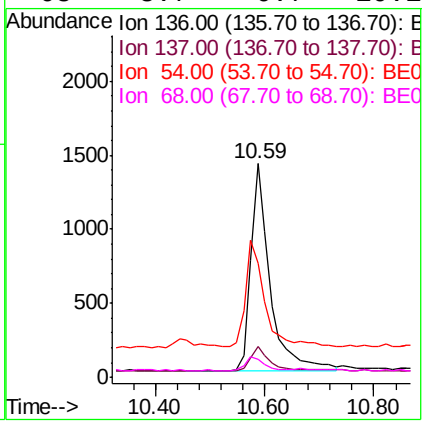


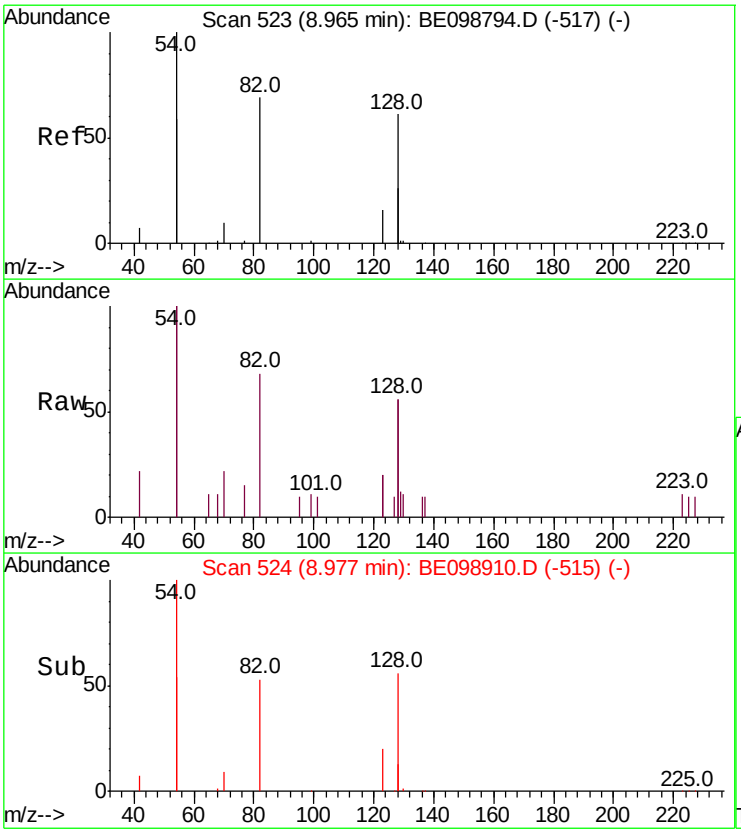
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3429

Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.4	17.0
54	53.6	39.3	58.9
68	8.7	6.7	10.1

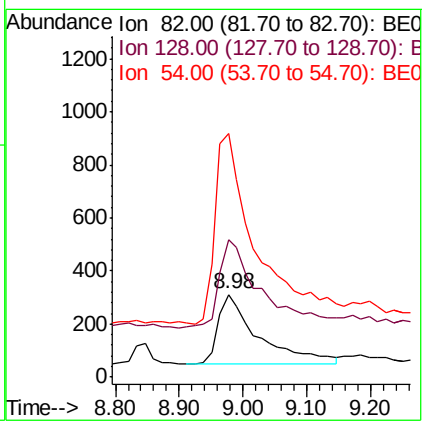


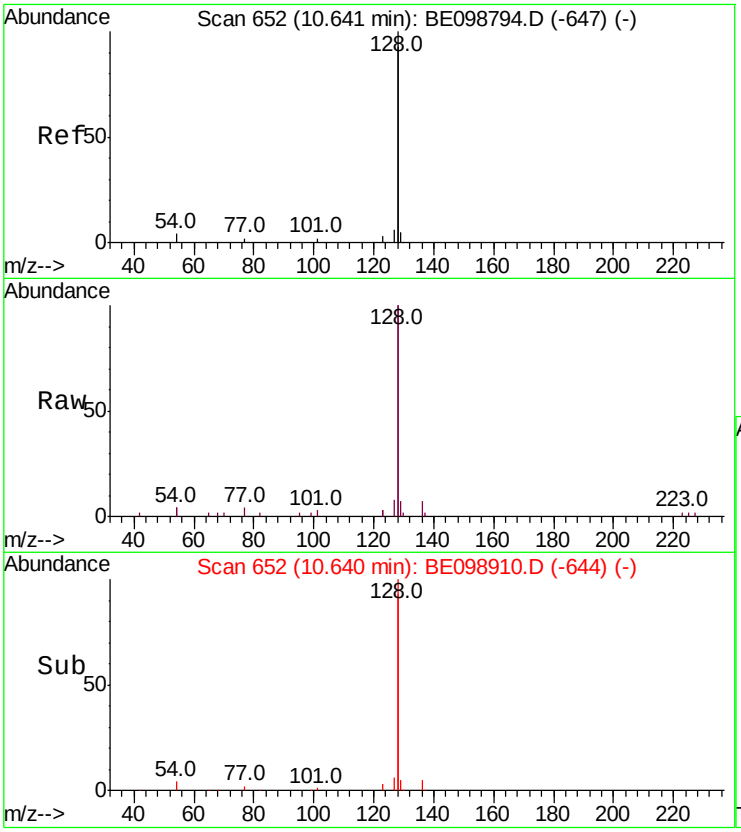


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion: 82 Resp: 1168

Ion	Ratio	Lower	Upper
82	100		
128	165.9	123.8	185.8
54	295.2	203.4	305.2



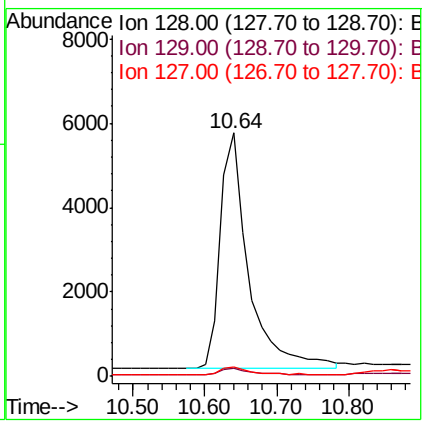


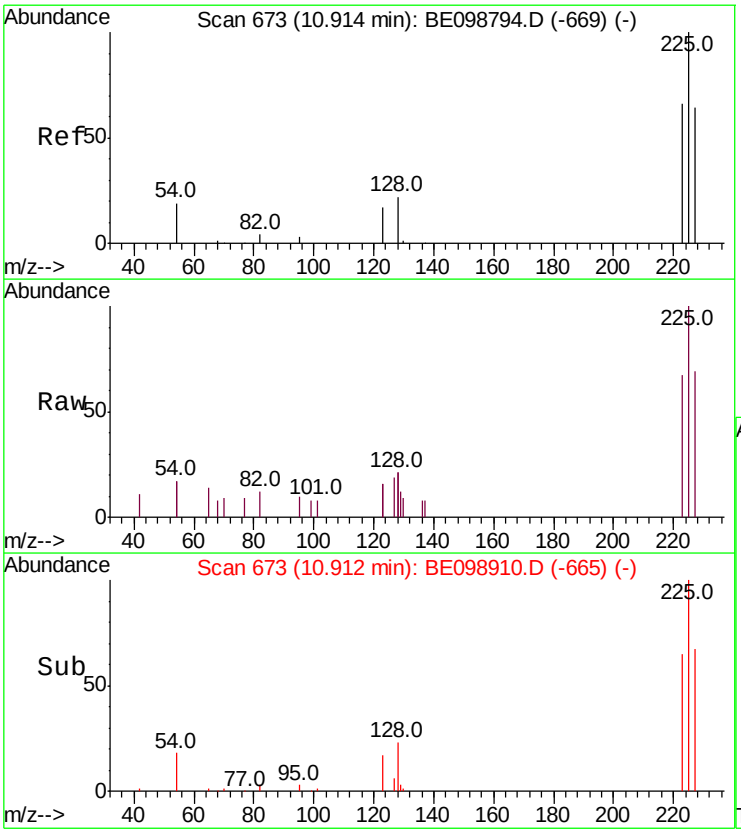
#9
Naphthalene
Concen: 0.386 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 15149

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	4.0	3.1	4.7

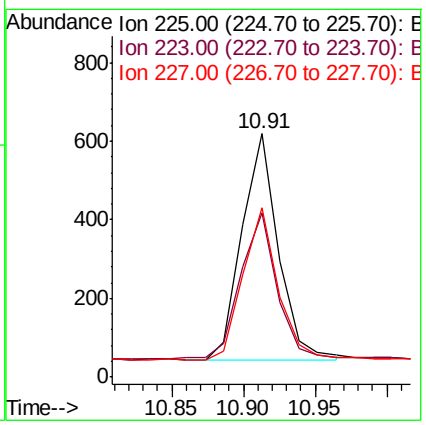


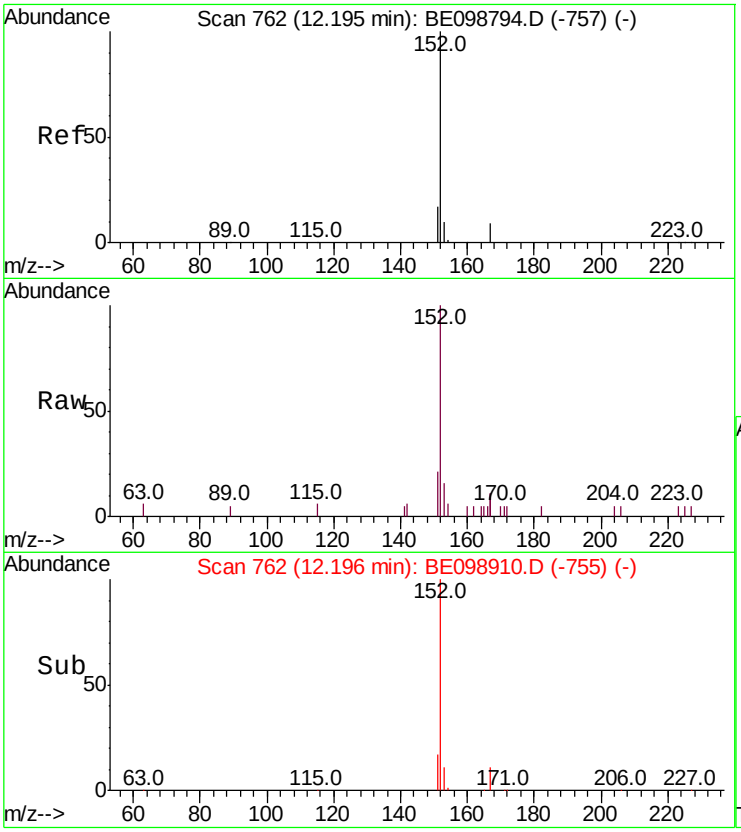


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:225 Resp: 1010

Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.1	76.7
227	64.9	51.6	77.4



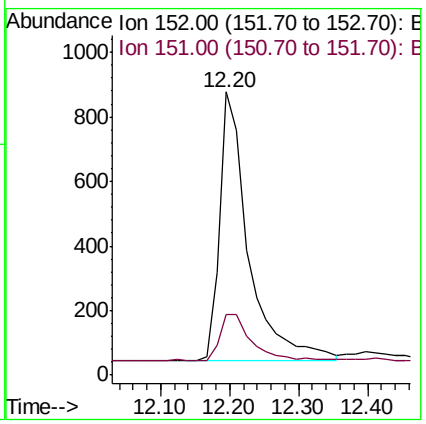


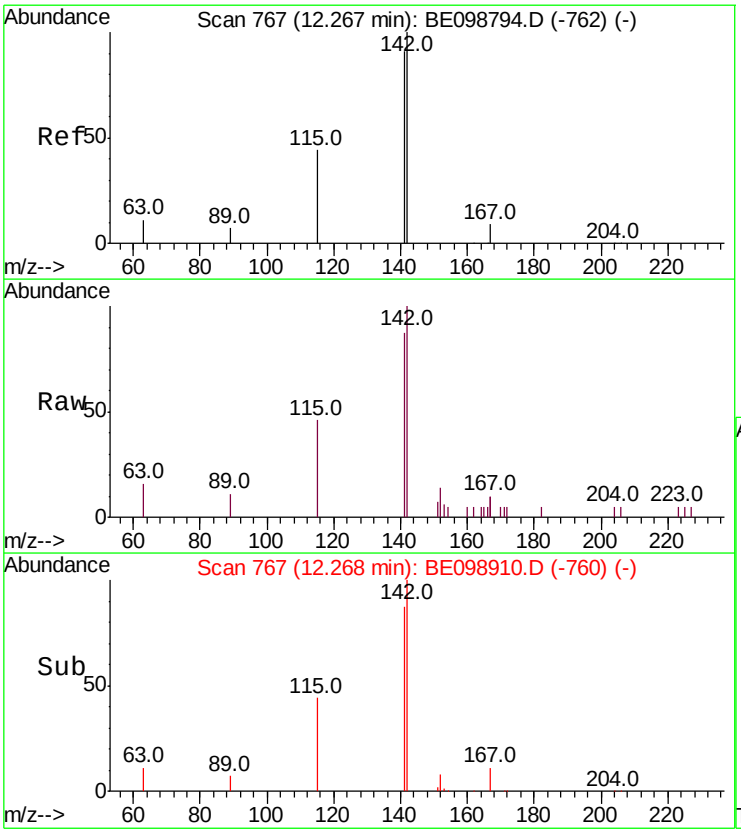
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2431

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7

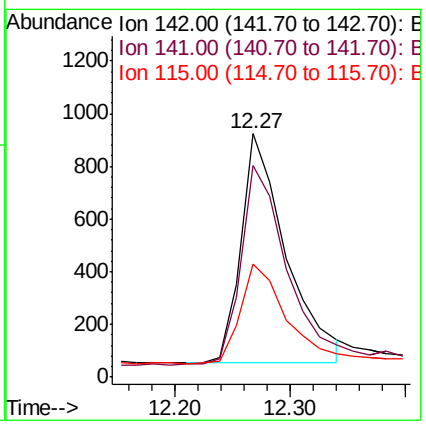


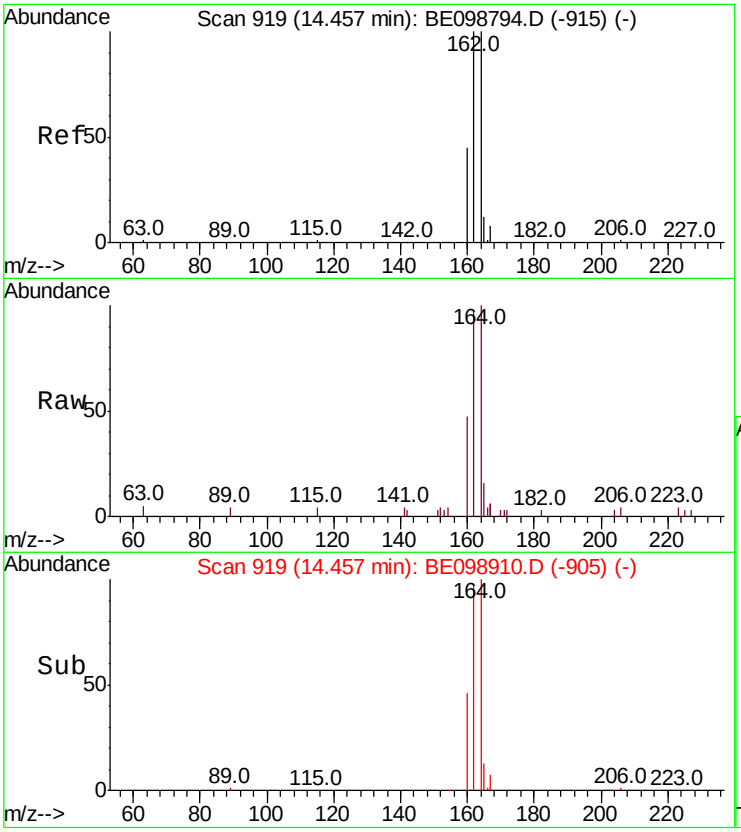


#12
2-Methylnaphthalene
Concen: 0.370 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:142 Resp: 2355

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	46.4	37.4	56.2



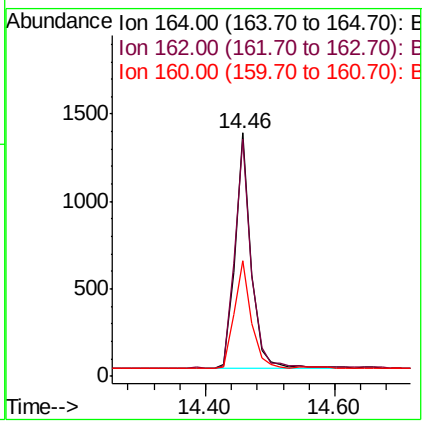


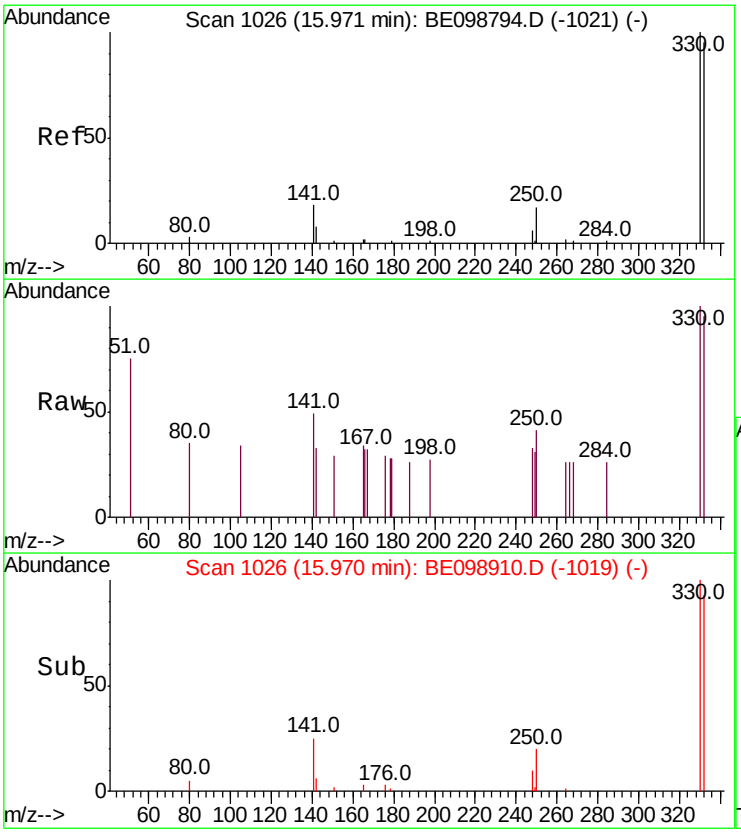
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2340

Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.2	120.2
160	47.5	37.8	56.8

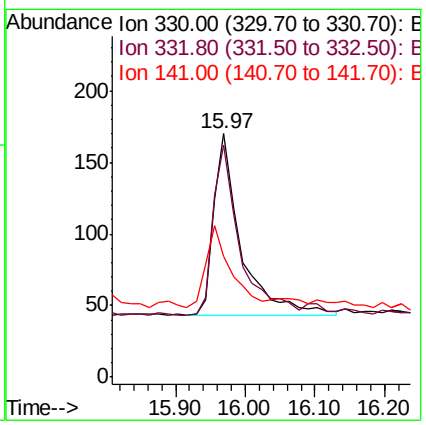


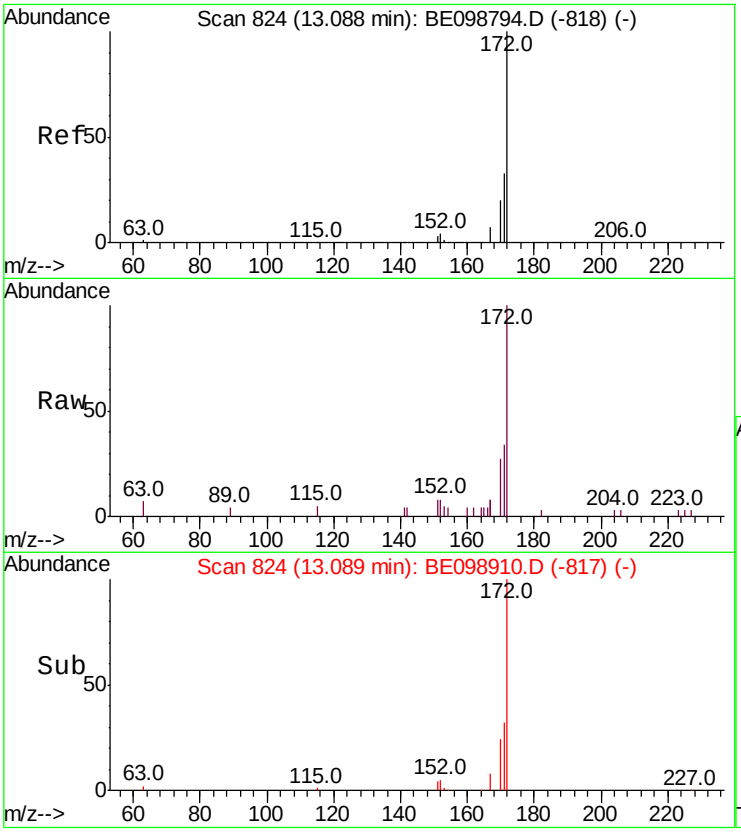


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:330 Resp: 348

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.6	116.4
141	41.4	31.0	46.4



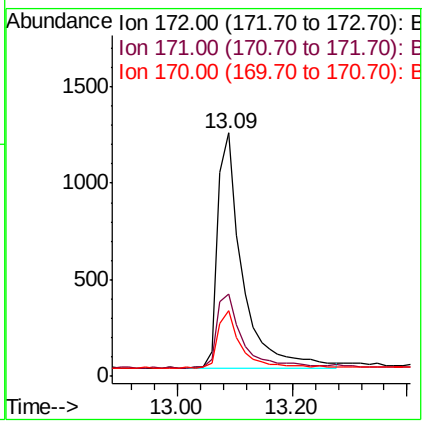


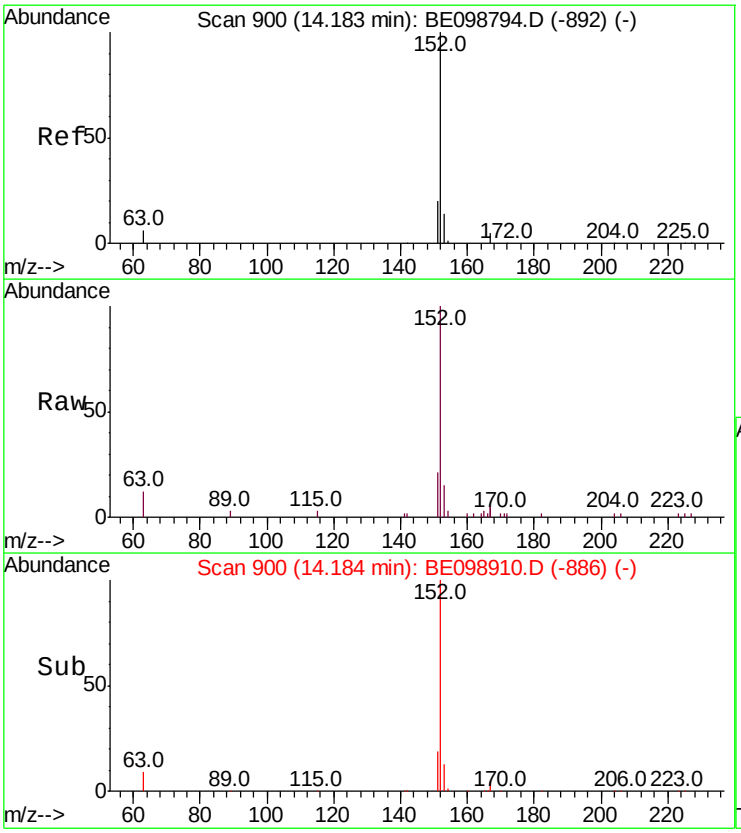
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3605

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	27.0	17.7	26.5#

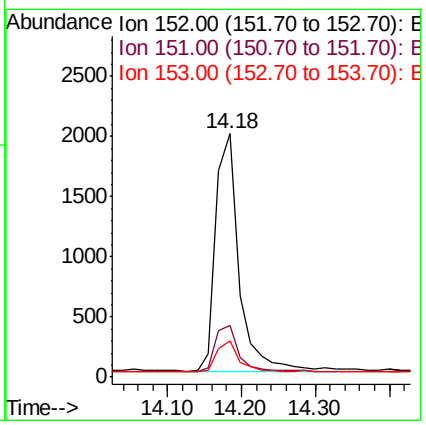


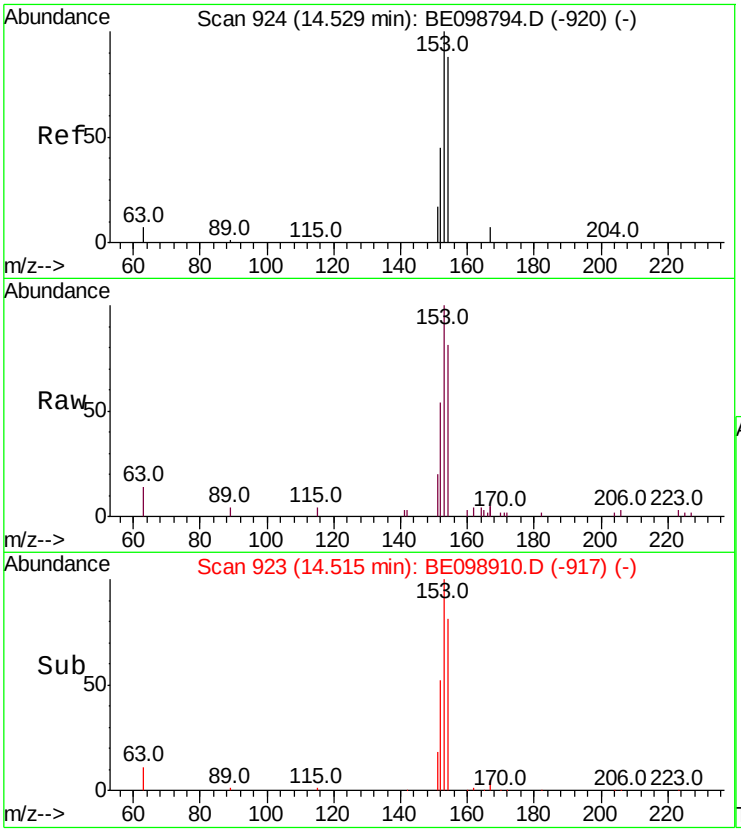


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:152 Resp: 4367

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.0	11.2	16.8



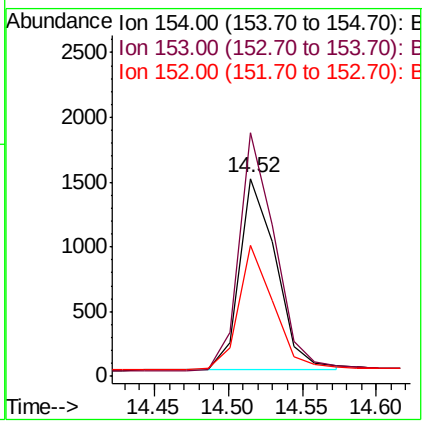


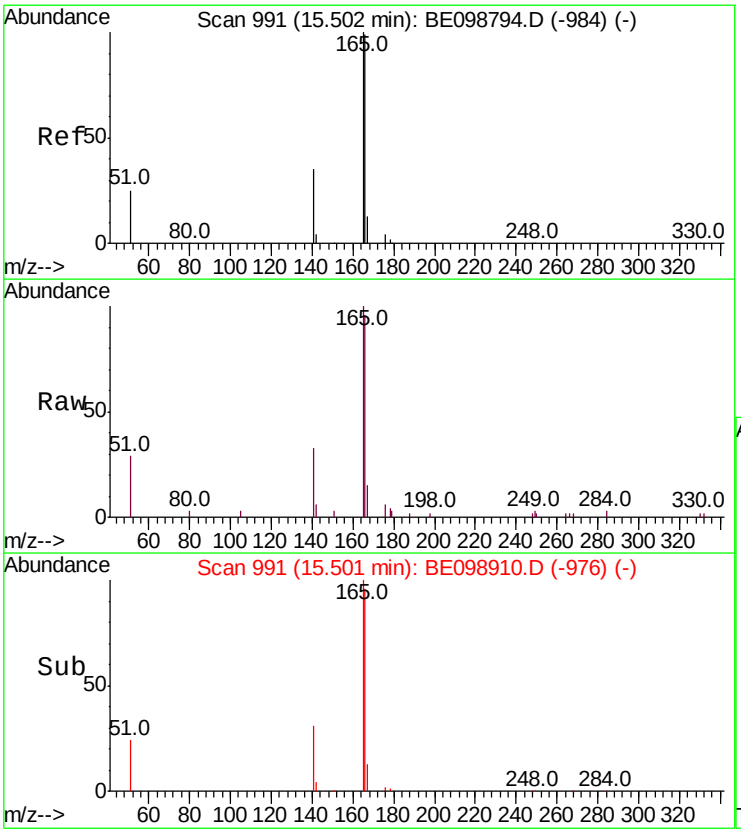
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2560

Ion	Ratio	Lower	Upper
154	100		
153	121.4	94.2	141.4
152	61.9	45.0	67.4

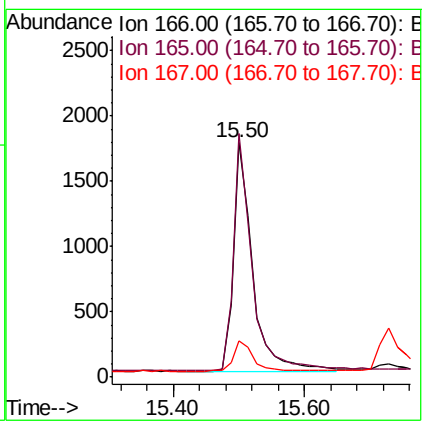


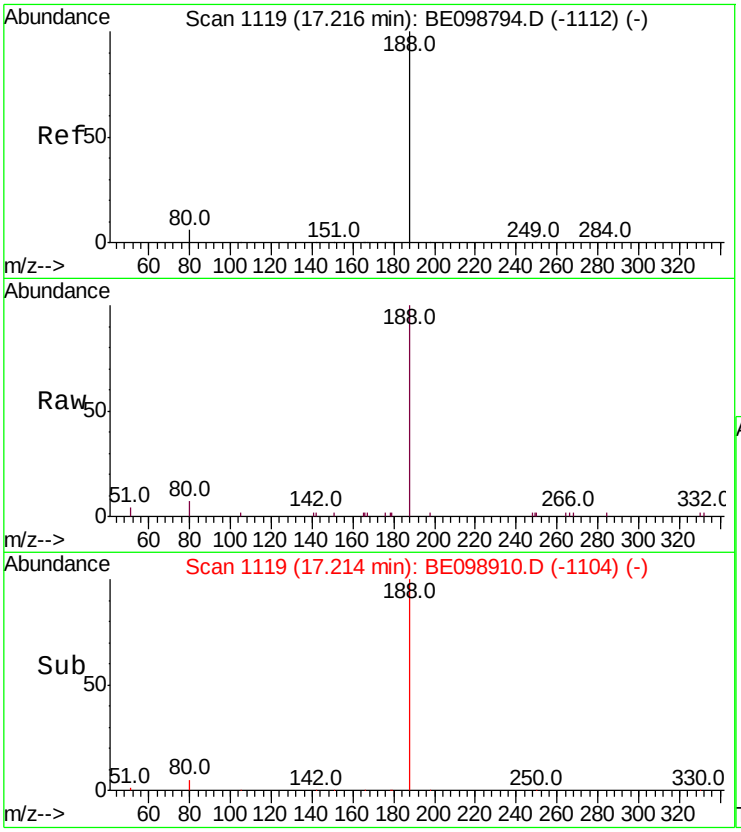


#18
Fluorene
Concen: 0.351 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:166 Resp: 3618

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.3	118.9
167	13.5	10.5	15.7



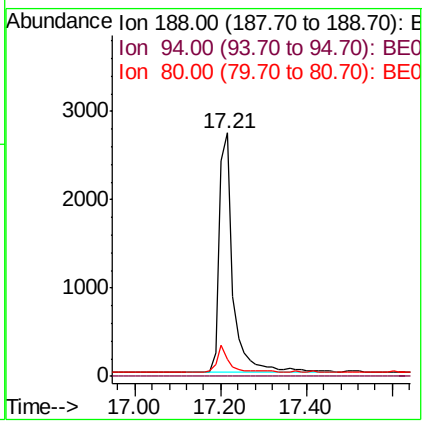


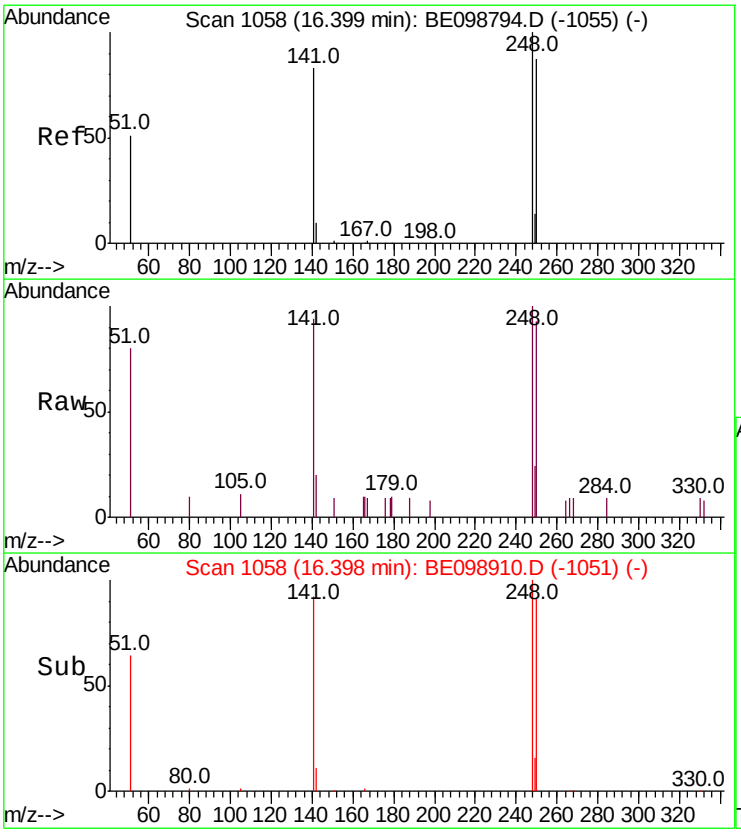
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6042

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.3	9.5

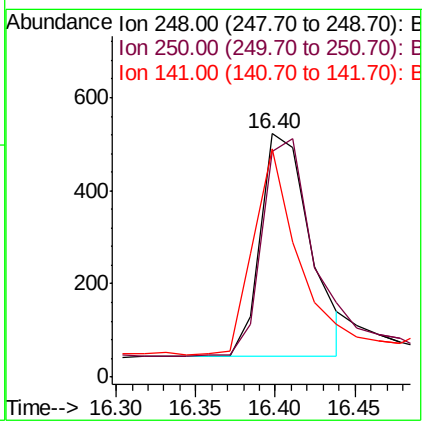


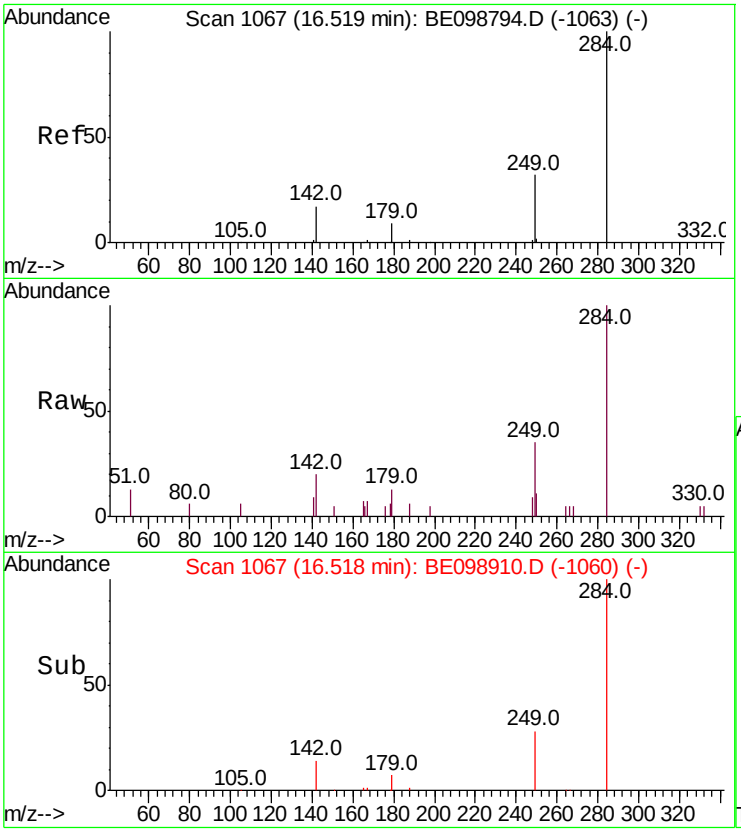


#20
4-Bromophenyl-phenylether
Concen: 0.320 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:248 Resp: 1048

Ion	Ratio	Lower	Upper
248	100		
250	92.5	70.6	105.8
141	93.9	68.6	102.8



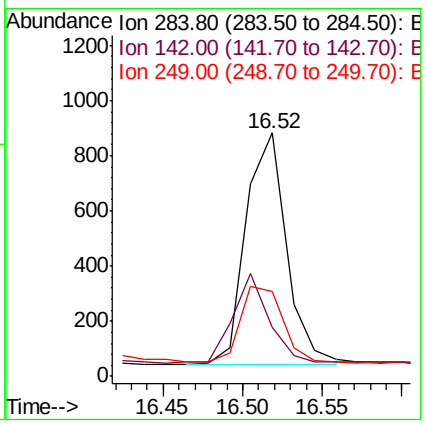


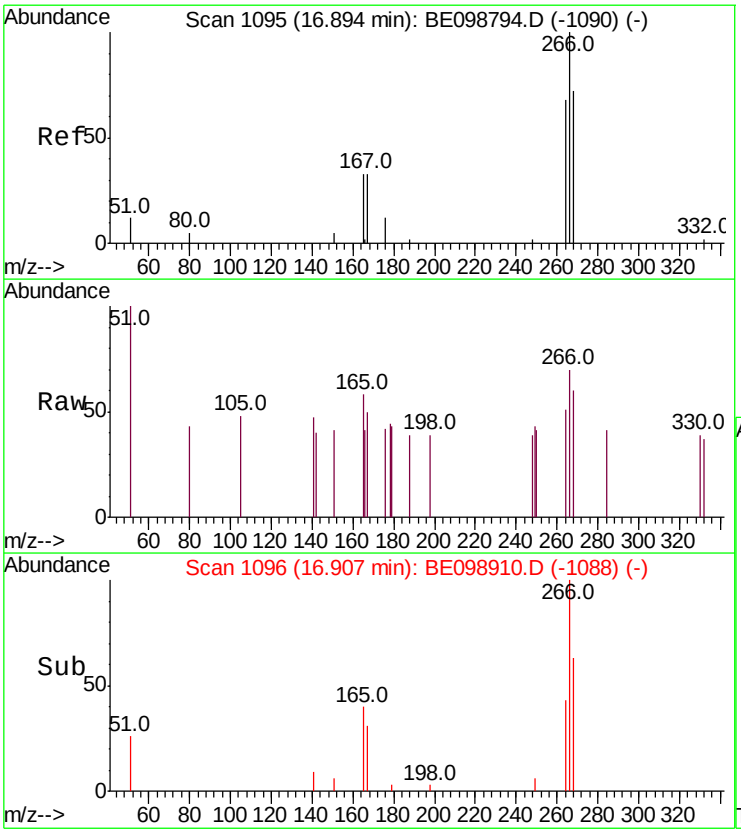
#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1470

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.7	43.1
249	33.5	29.6	44.4

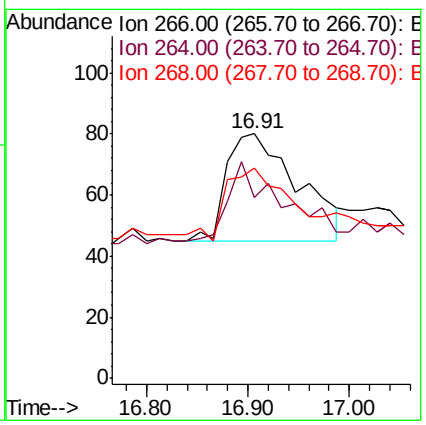


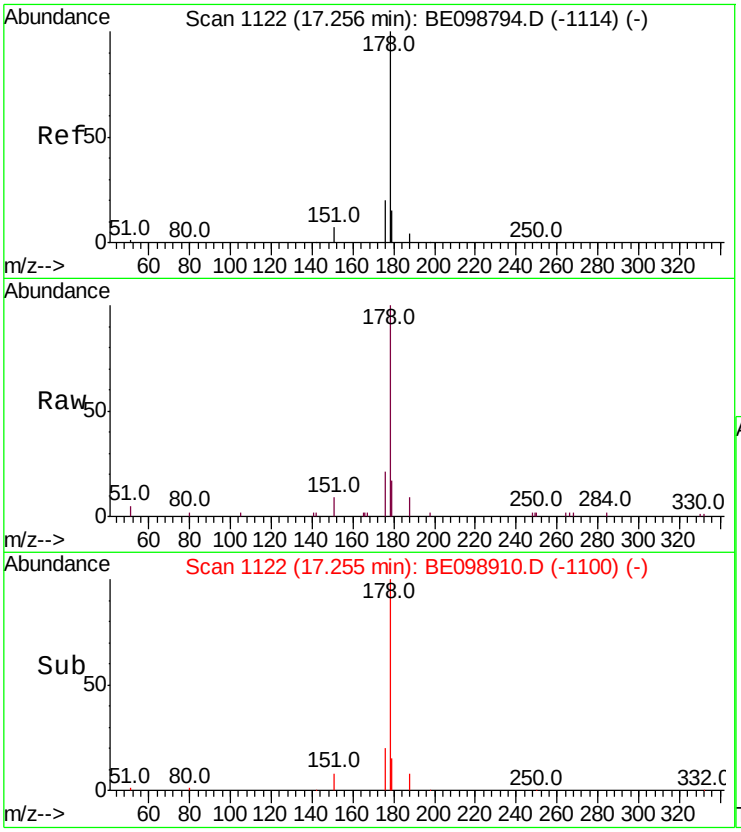


#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:266 Resp: 172

Ion	Ratio	Lower	Upper
266	100		
264	73.8	66.6	100.0
268	86.3	69.8	104.8



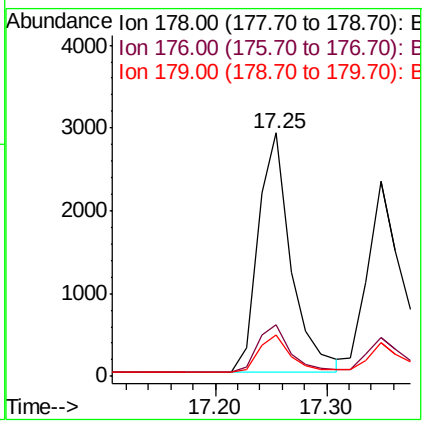


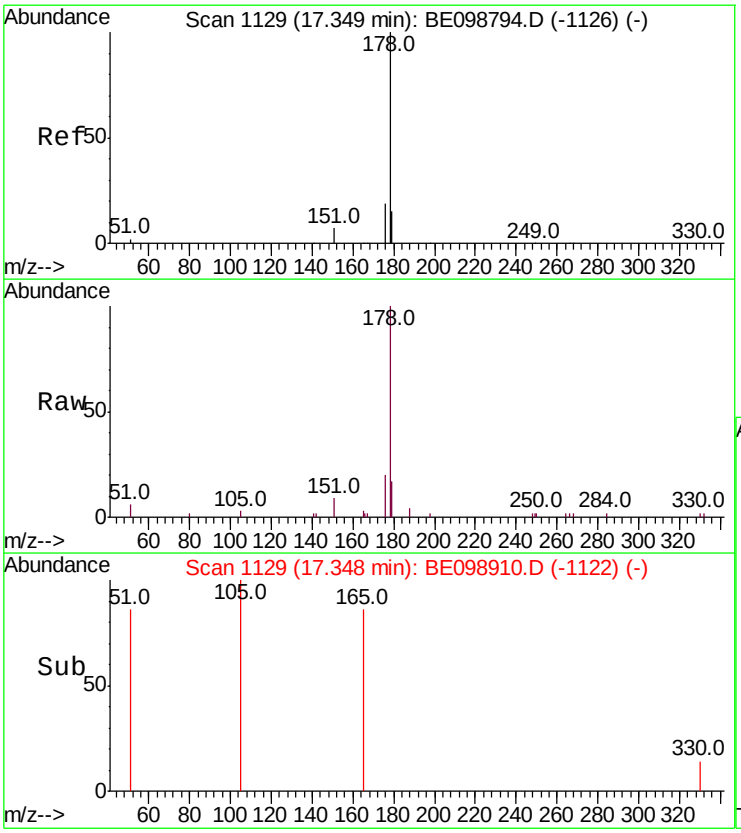
#23
Phenanthrene
Concen: 0.348 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5982

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.3	12.1	18.1

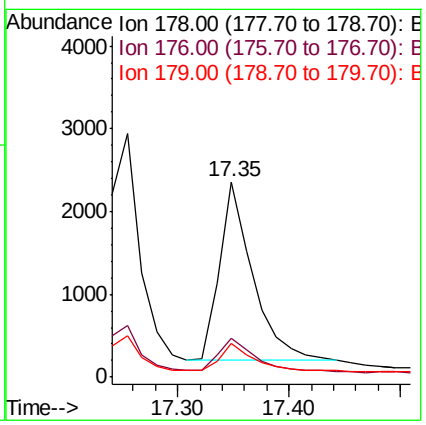


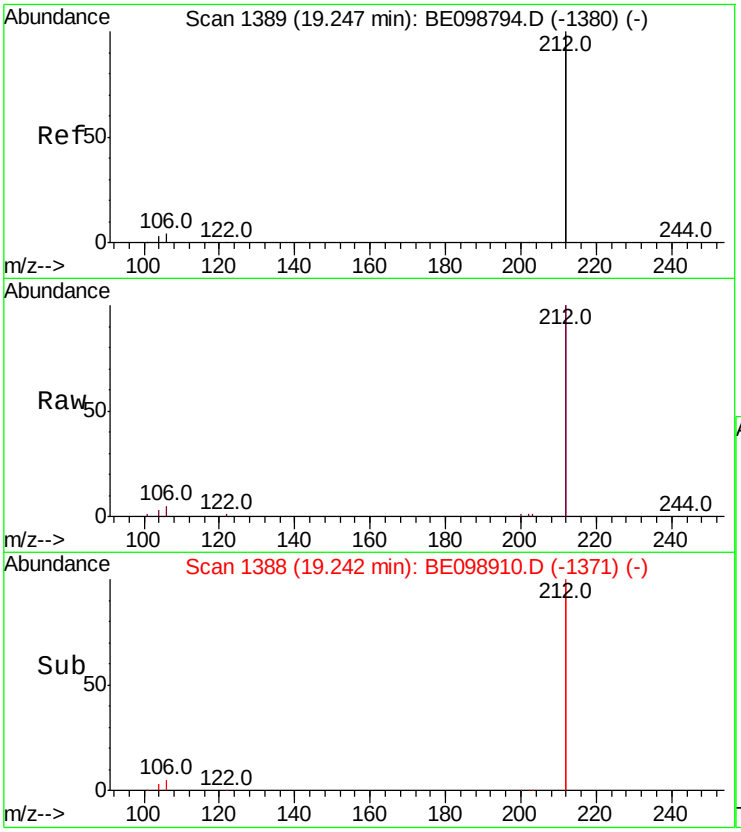


#24
Anthracene
Concen: 0.304 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:178 Resp: 4469

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	14.9	12.2	18.4



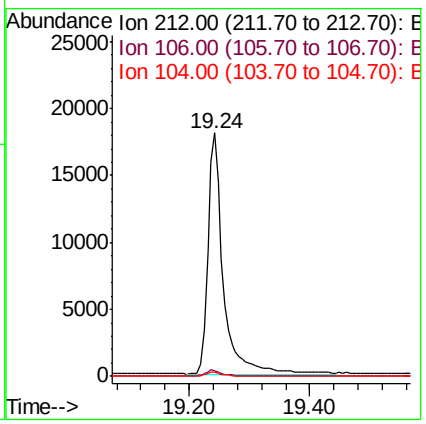


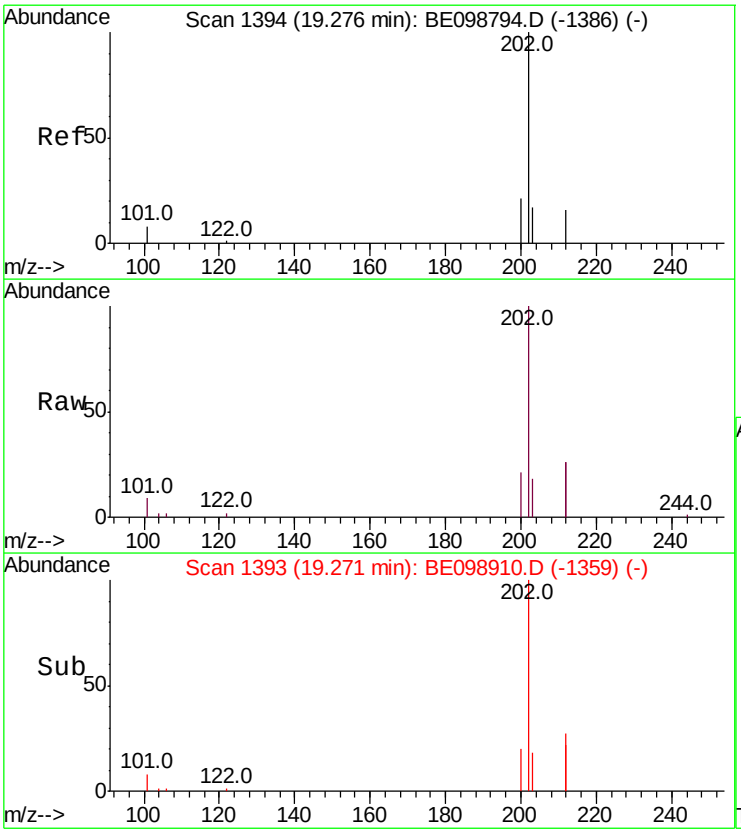
#25
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 31960

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

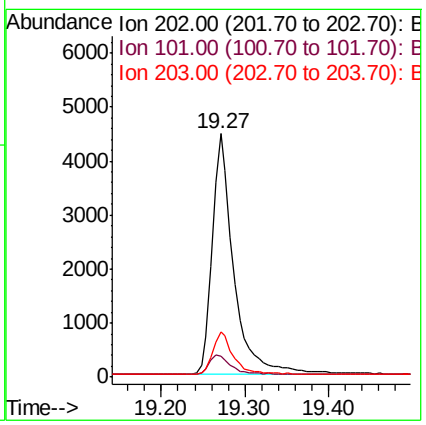


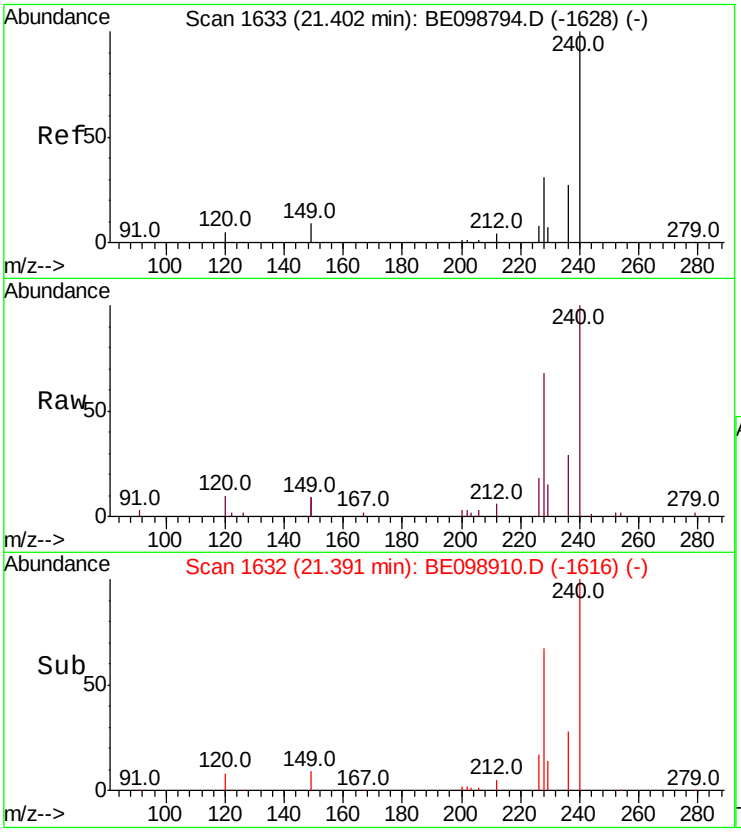


#26
Fluoranthene
Concen: 0.330 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:202 Resp: 7995

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	16.6	13.4	20.2



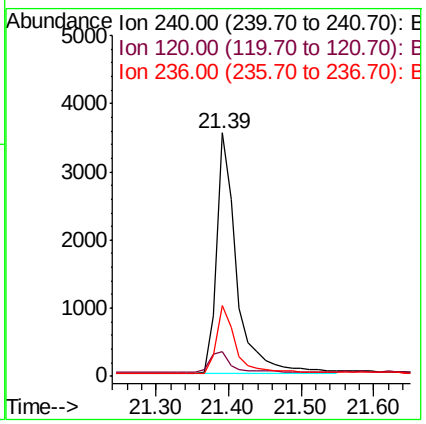


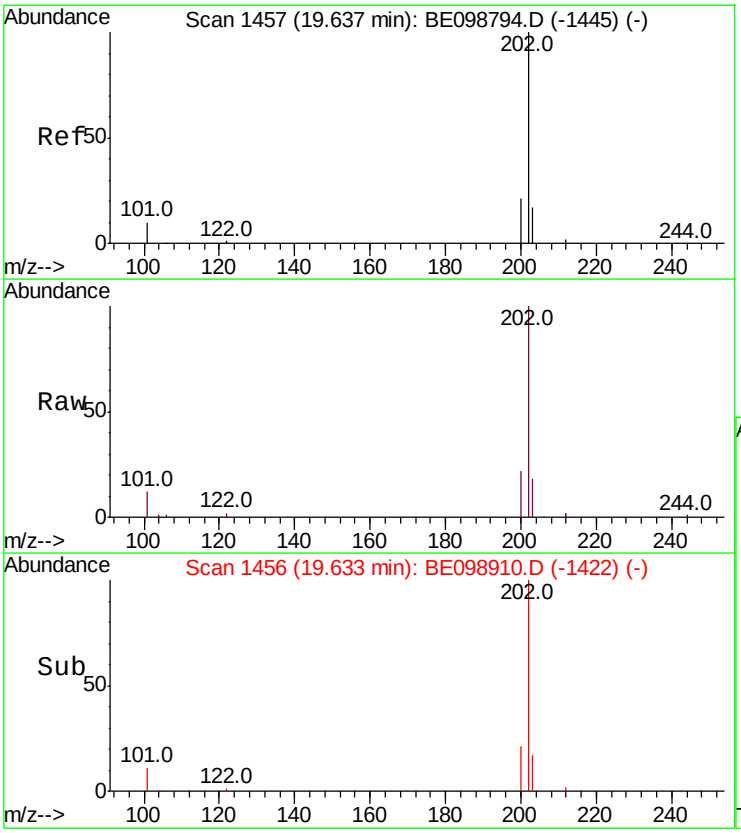
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6788

Ion	Ratio	Lower	Upper
240	100		
120	9.9	5.0	7.4#
236	29.3	22.7	34.1

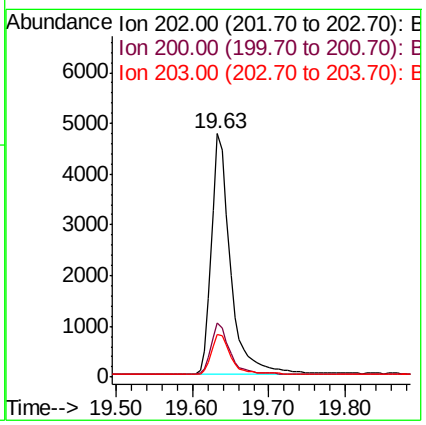


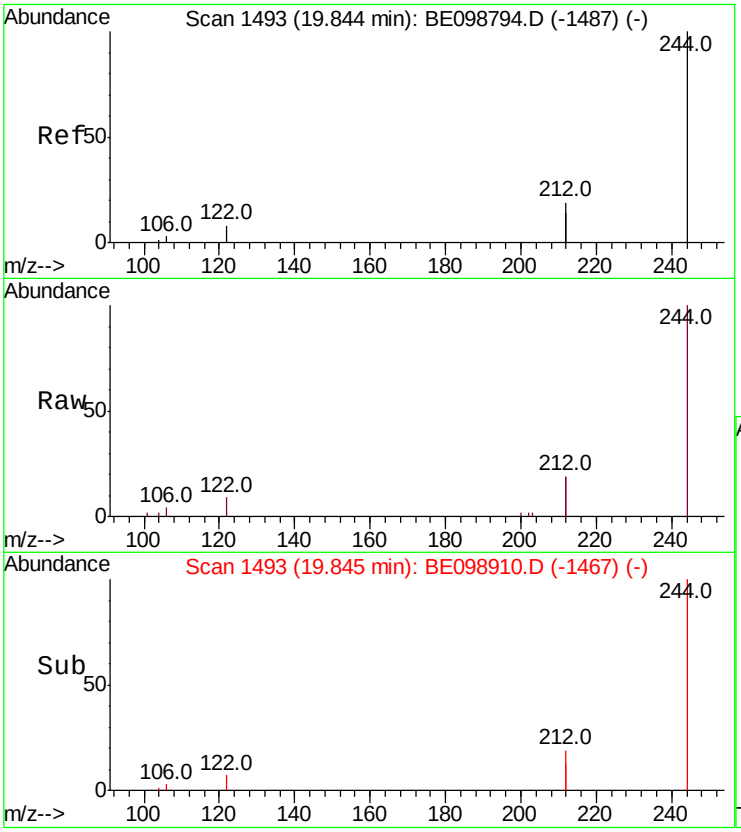


#28
Pyrene
Concen: 0.398 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:202 Resp: 8263

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.5	14.2	21.2



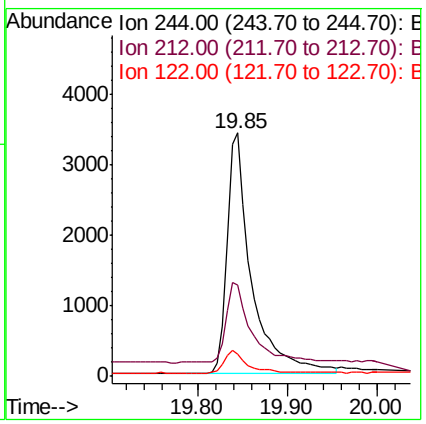


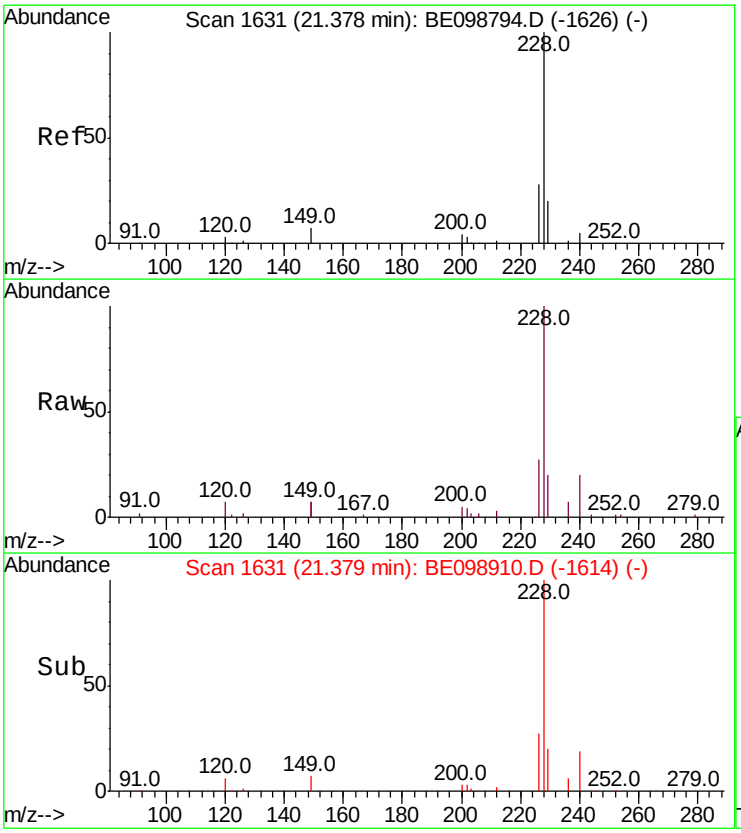
#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6340

Ion	Ratio	Lower	Upper
244	100		
212	37.6	29.4	44.2
122	8.9	7.1	10.7

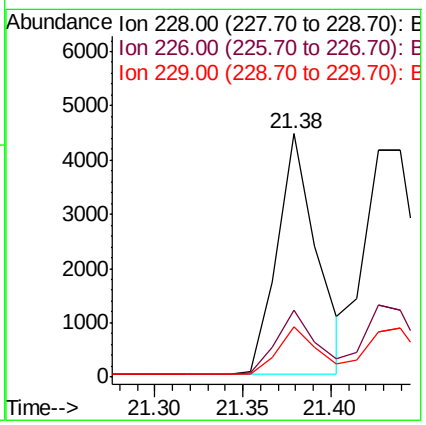


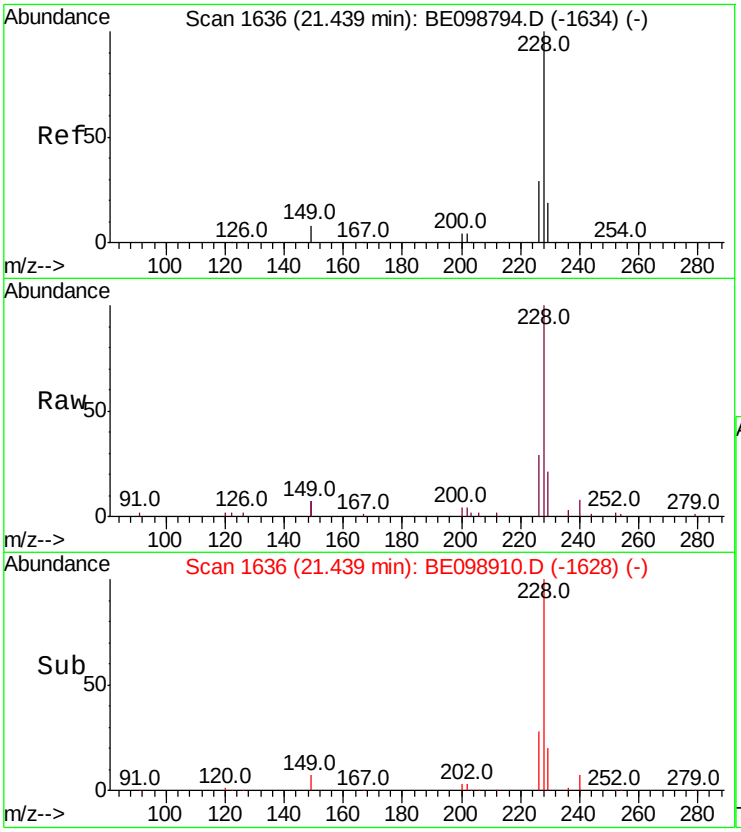


#30
Benzo(a)anthracene
Concen: 0.331 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:228 Resp: 7008

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.4	16.5	24.7



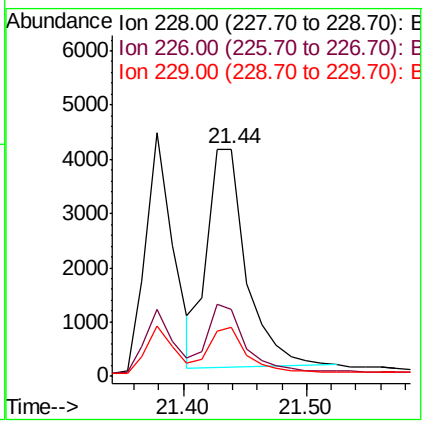


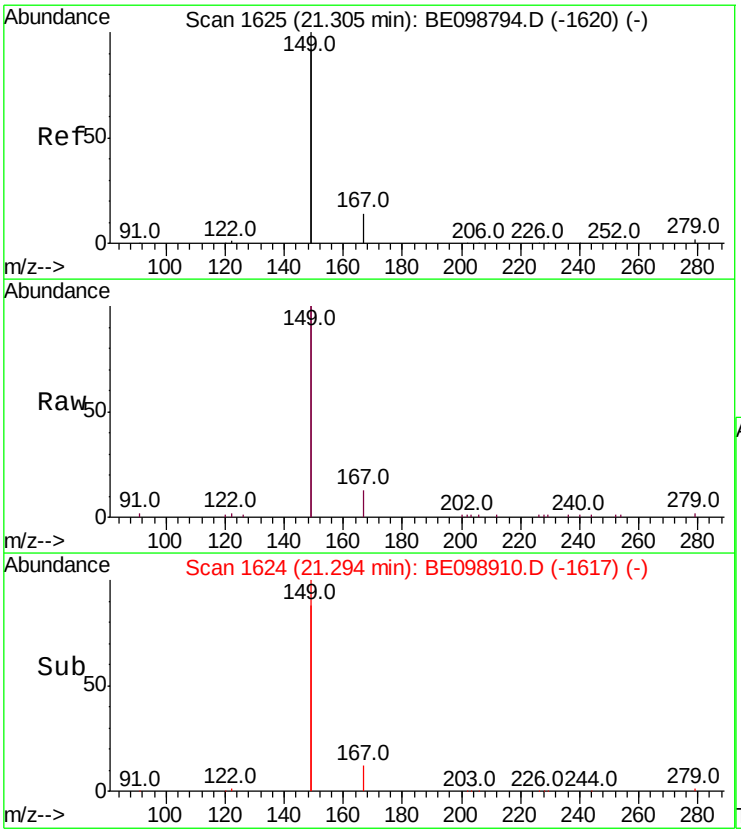
#31
Chrysene
Concen: 0.398 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9012

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	21.3	16.1	24.1

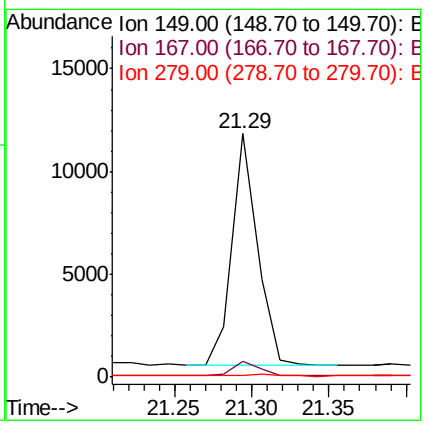


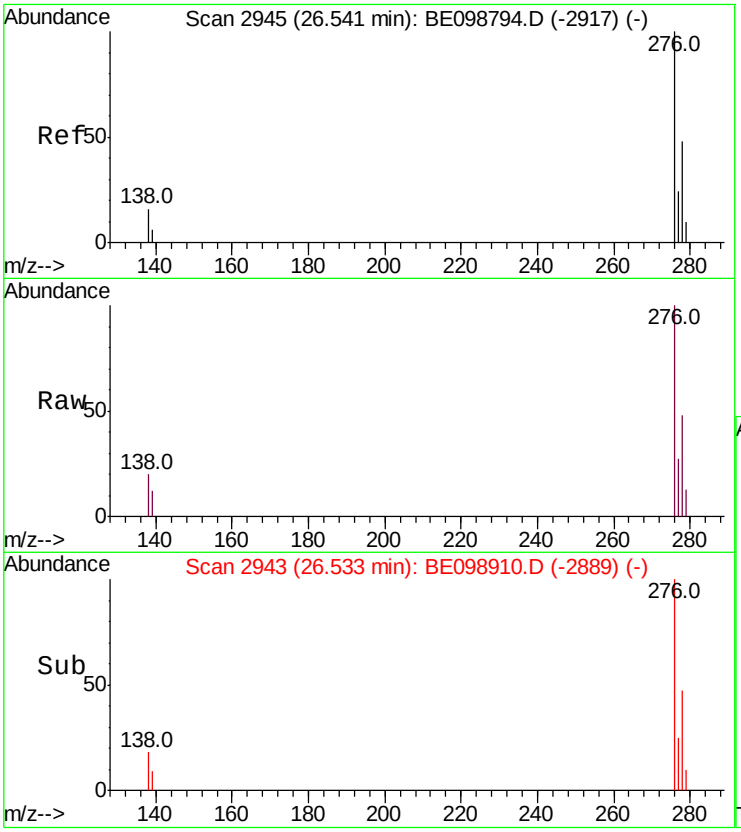


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.288 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:149 Resp: 12967

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.4	1.0	1.4



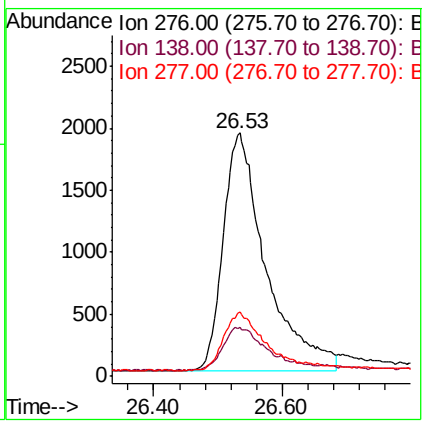


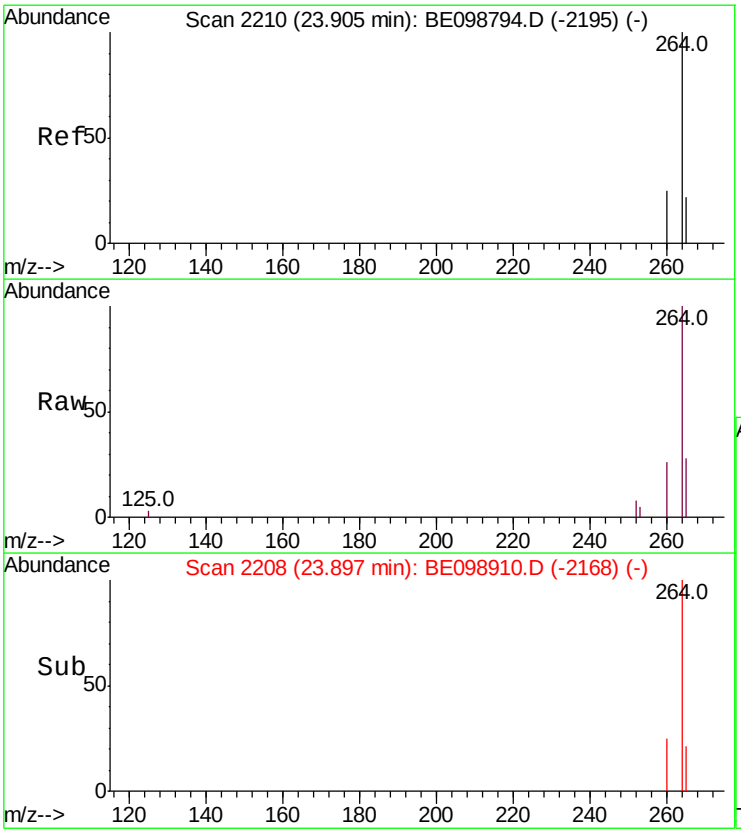
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8831

Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.8	20.8
277	23.1	19.5	29.3

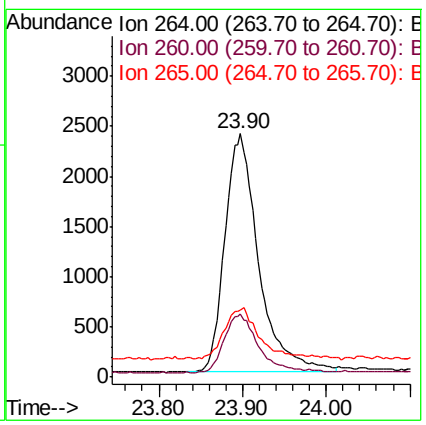


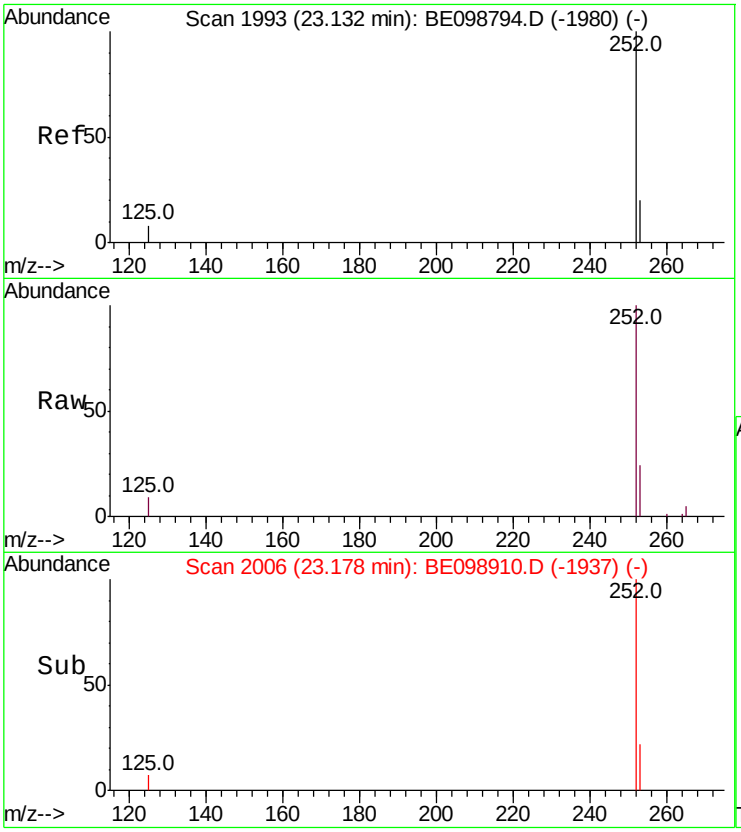


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:264 Resp: 6678

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	27.6	24.6	36.8



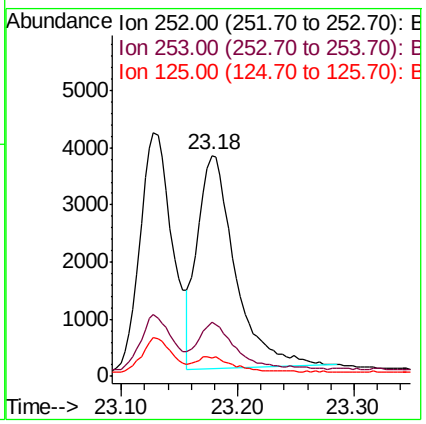


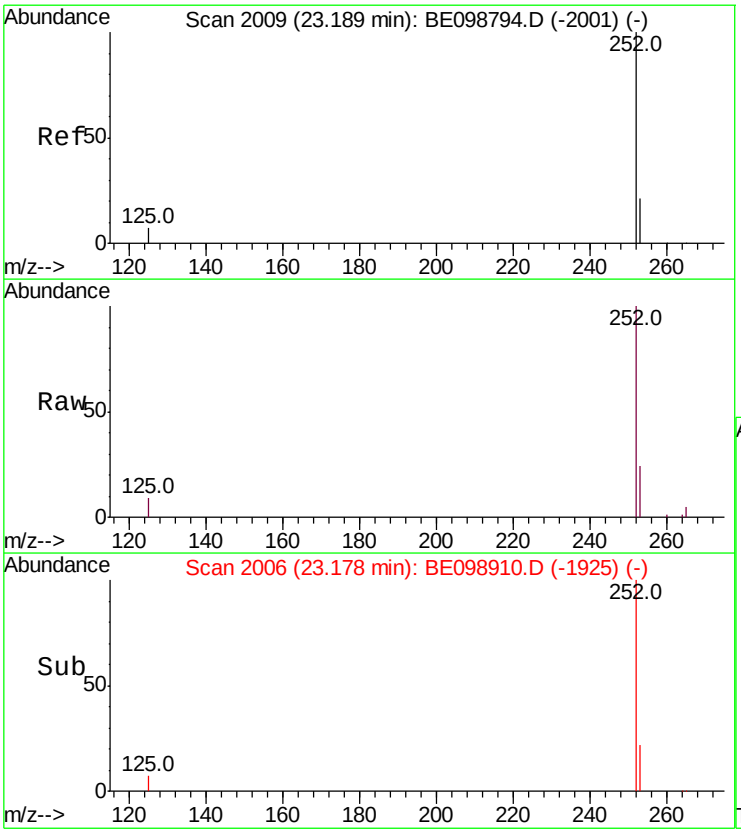
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8451

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	8.6	7.3	10.9

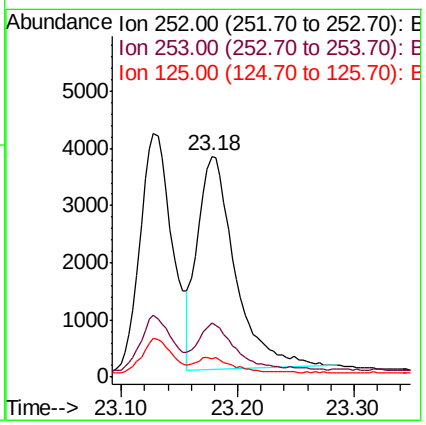


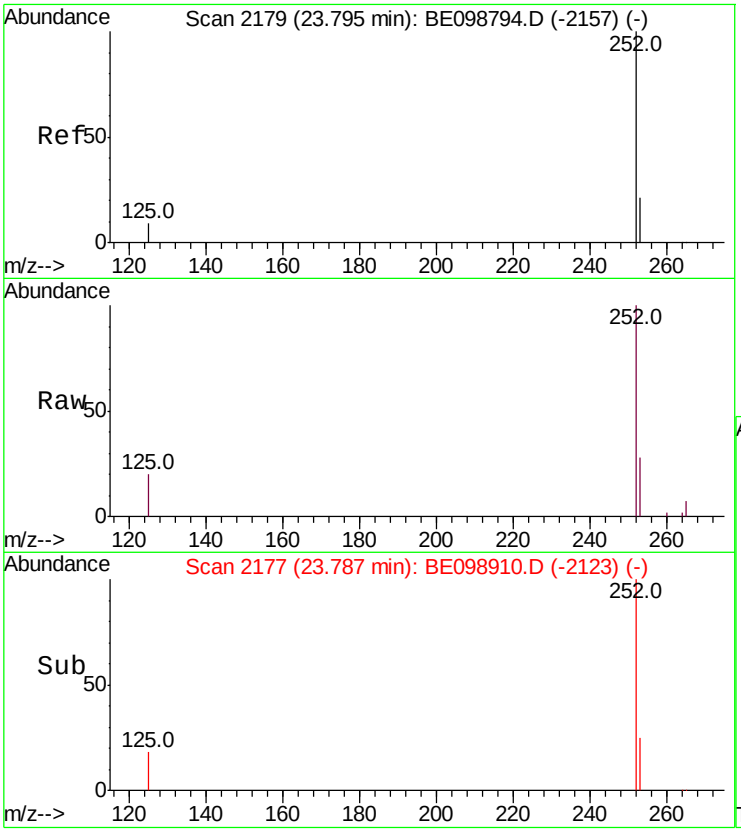


#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:252 Resp: 8451

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.3	28.9
125	8.6	7.5	11.3



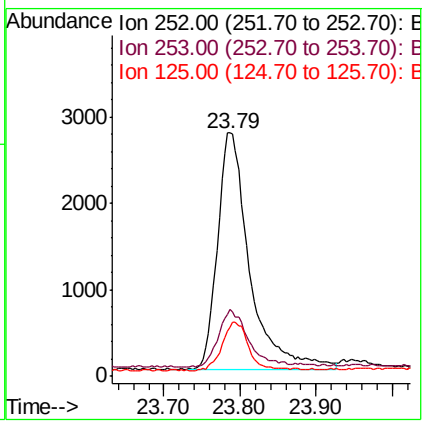


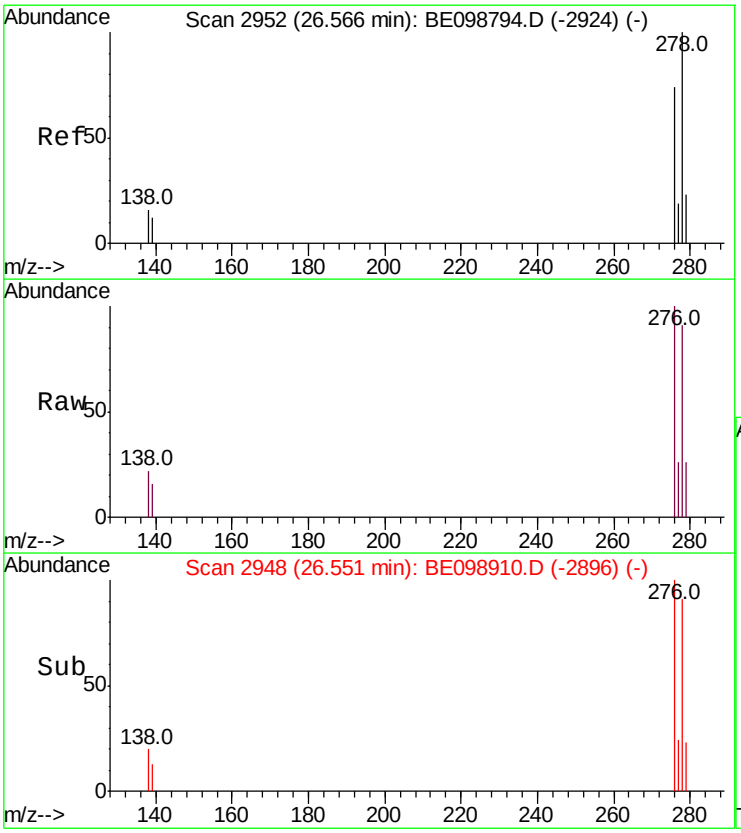
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8037

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.9	29.9
125	20.2	9.0	13.4#

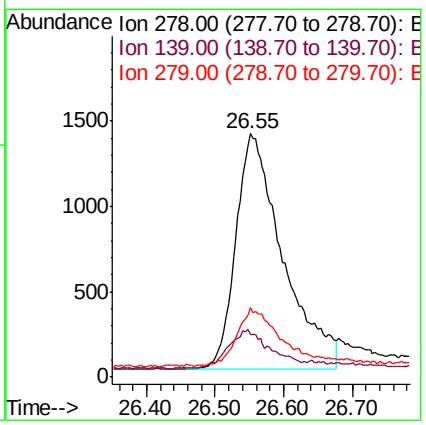


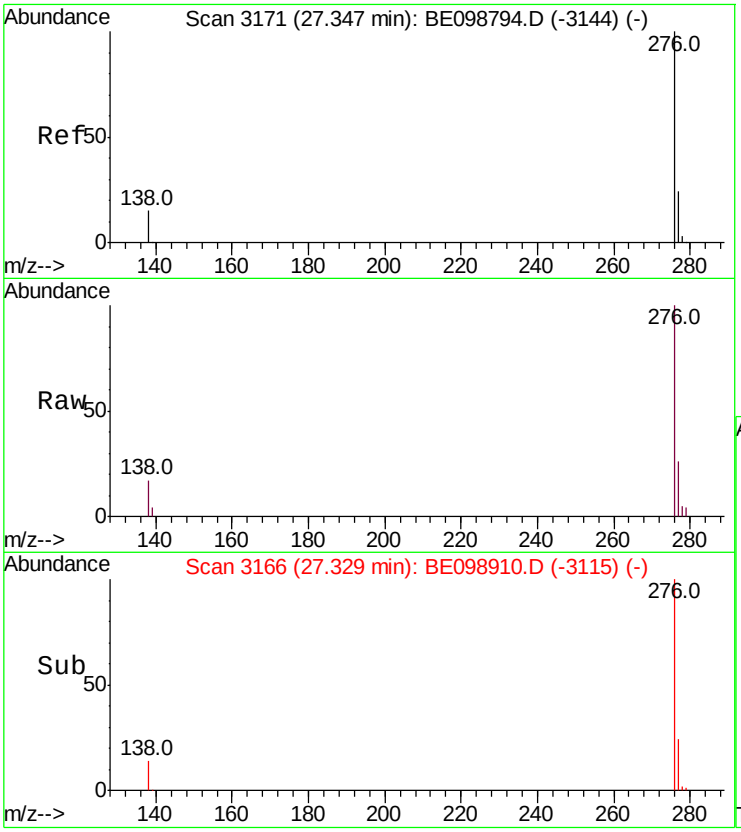


#38
Dibenzo(a,h)anthracene
Concen: 0.330 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Tgt Ion:278 Resp: 6578

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.8	17.6
279	28.7	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BE098910.D
Acq: 13 Mar 2019 14:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7723

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.4	30.6
138	17.1	13.6	20.4