Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098814.D
Acq On : 7 Mar 2019 11:21
Operator : JU/SJ
Sample : PB117620BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 12:50:56 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	7.78	152	887	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3731	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2482	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6533	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8316	0.40	ng		0.00
34) Perylene-d12	23.90	264	8266	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1003	0.38	ng		0.00
5) Phenol-d6	6.98	99	1298	0.35	ng		0.00
8) Nitrobenzene-d5	8.96	82	1370	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	2773	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	455	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4080	0.40	ng		0.00
25) Fluoranthene-d10	19.25	212	38115	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	7764	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	629	0.356	ng		95
3) n-Nitrosodimethylamine	3.61	42	714	0.320	ng	#	99
6) bis(2-Chloroethyl)ether	7.22	93	1020	0.353	ng	#	89
9) Naphthalene	10.64	128	17208	0.403	ng		99
10) Hexachlorobutadiene	10.91	225	1137	0.402	ng		98
12) 2-Methylnaphthalene	12.27	142	2689	0.388	ng		99
16) Acenaphthylene	14.18	152	4957	0.388	ng		97
17) Acenaphthene	14.53	154	2984	0.394	ng		98
18) Fluorene	15.50	166	4114	0.377	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1313	0.371	ng		97
21) Hexachlorobenzene	16.52	284	1595	0.379	ng		98
22) Pentachlorophenol	16.89	266	245	0.435	ng		97
23) Phenanthrene	17.25	178	6908	0.372	ng		100
24) Anthracene	17.35	178	5623	0.354	ng		98
26) Fluoranthene	19.28	202	9614	0.367	ng		100
28) Pyrene	19.64	202	10139	0.399	ng		99
30) Benzo(a)anthracene	21.38	228	10184	0.392	ng		98
31) Chrysene	21.44	228	10656	0.384	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	18494	0.335	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	12317	0.420	ng		98
35) Benzo(b)fluoranthene	23.18	252	11273	0.415	ng		97
36) Benzo(k)fluoranthene	23.18	252	11499	0.404	ng		99
37) Benzo(a)pyrene	23.79	252	10596	0.407	ng	#	95
38) Dibenzo(a,h)anthracene	26.56	278	9515	0.386	ng	#	93
39) Benzo(g,h,i)perylene	27.35	276	10168	0.394	ng		98

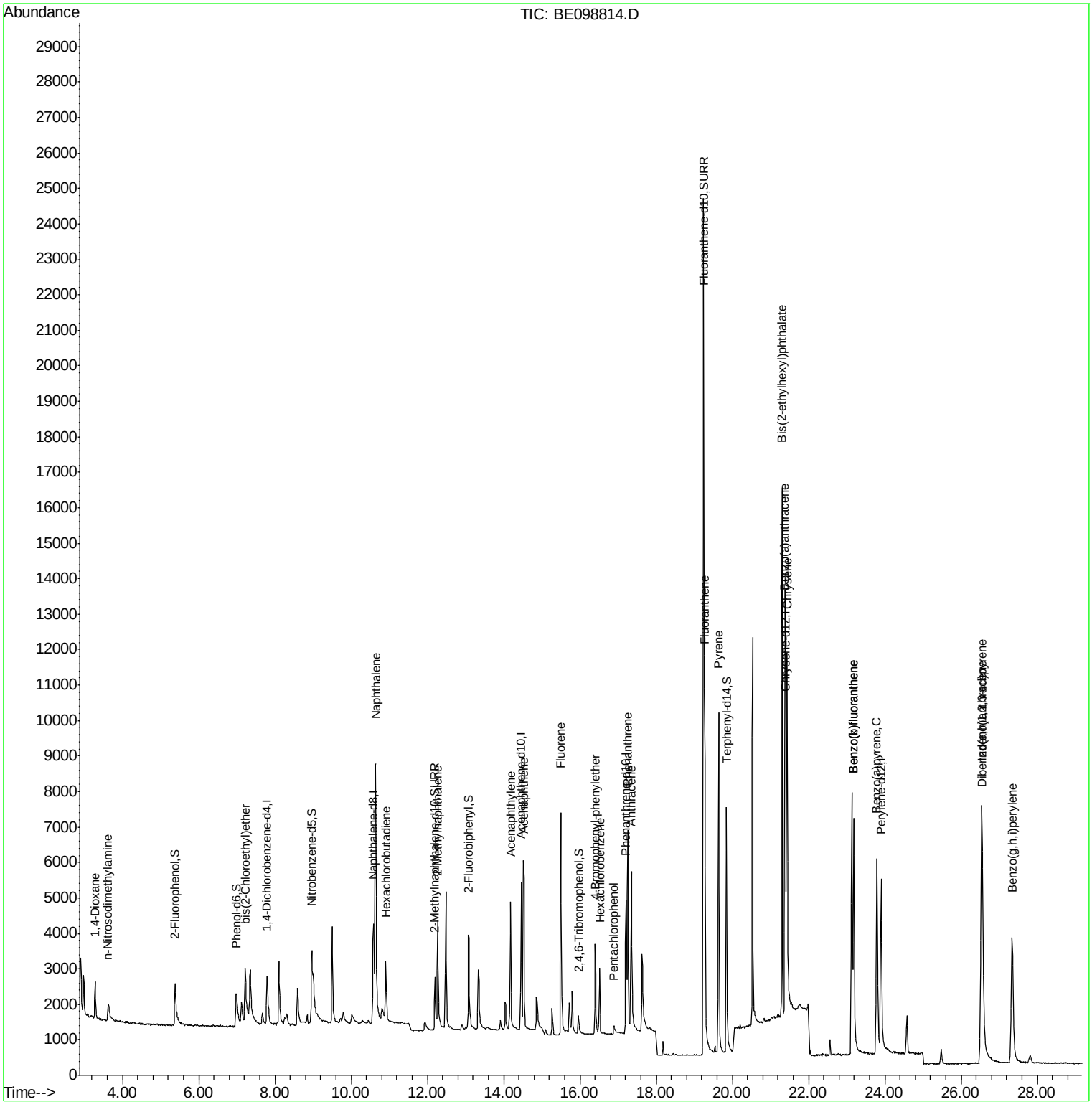
(#) = qualifier out of range (m) = manual integration (+) = signals summed

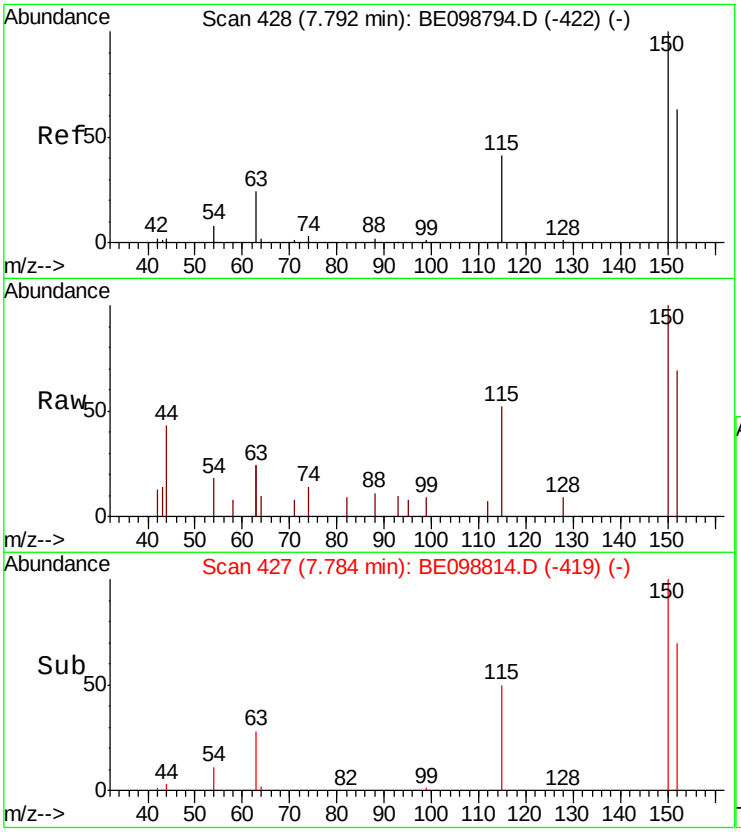
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098814.D
Acq On : 7 Mar 2019 11:21
Operator : JU/SJ
Sample : PB117620BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 12:50:56 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



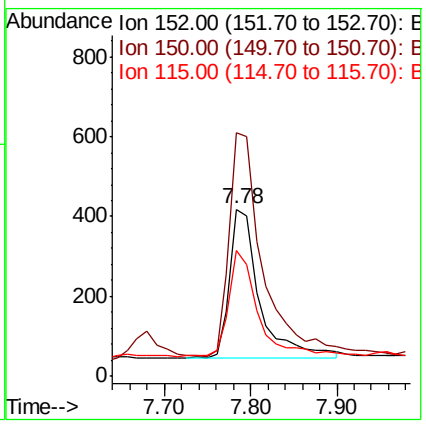


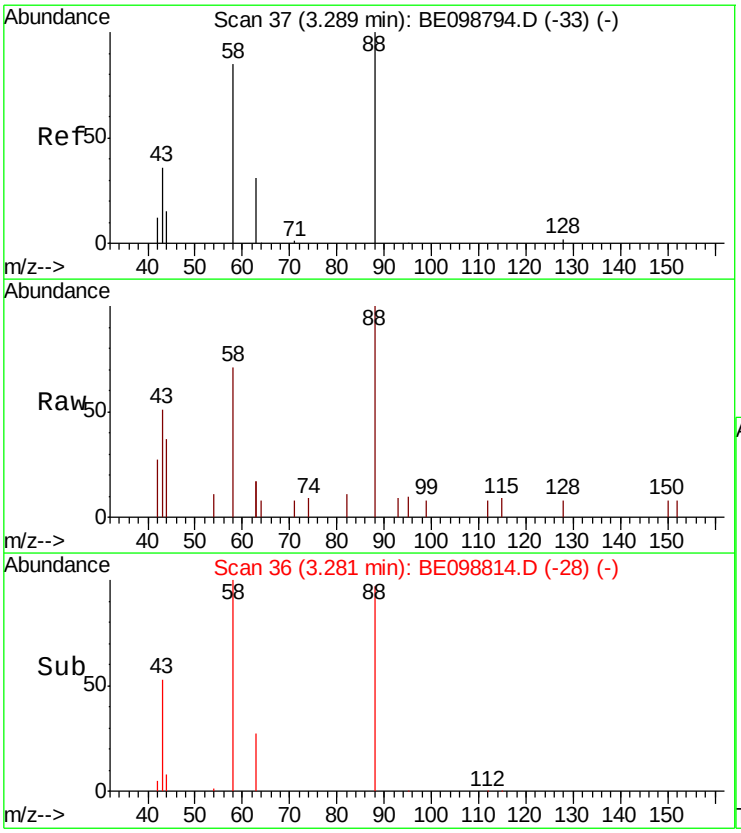
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 887

Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	75.6	57.4	86.2

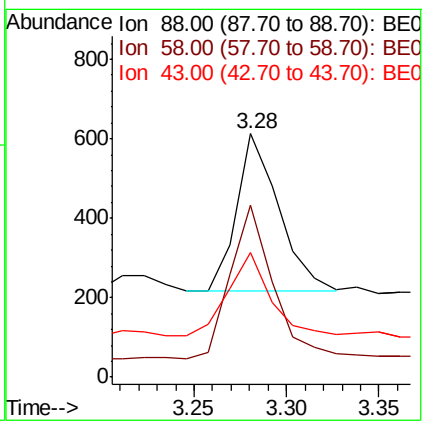


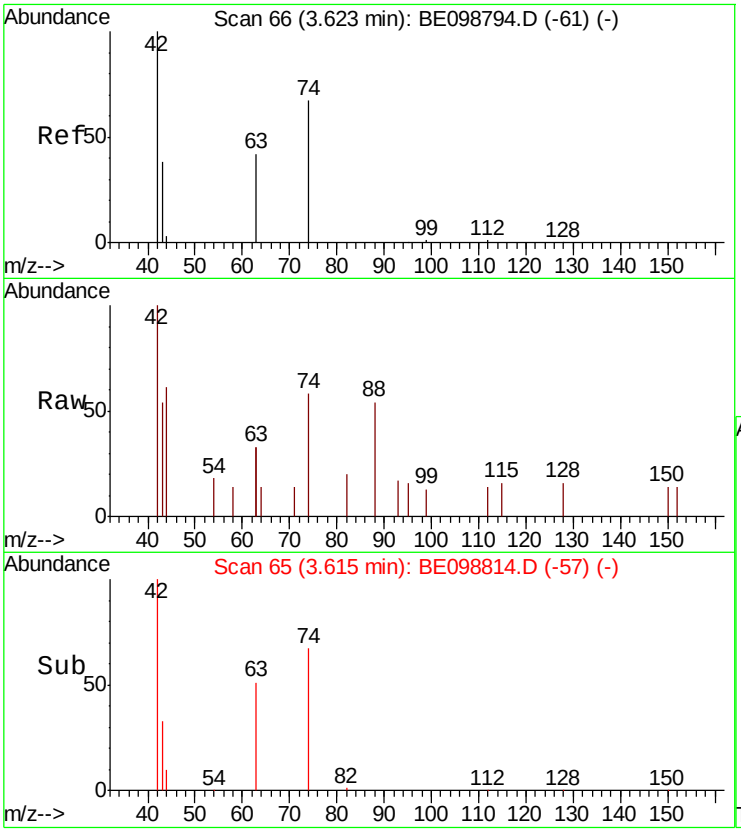


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion: 88 Resp: 629

Ion	Ratio	Lower	Upper
88	100		
58	101.0	75.8	113.6
43	53.9	41.8	62.8



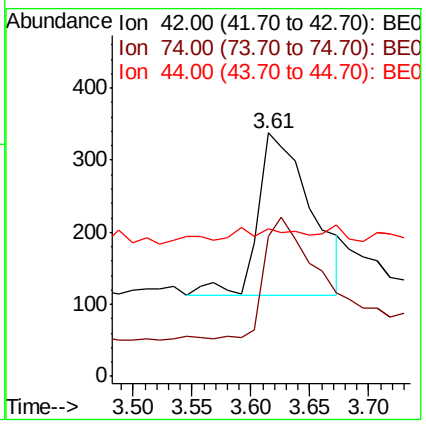


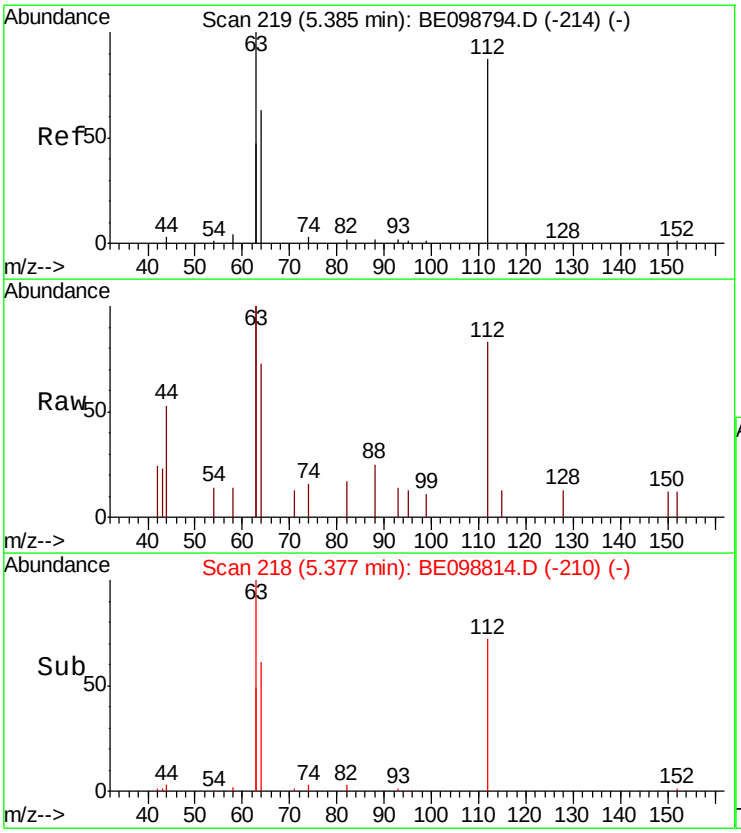
#3
n-Nitrosodimethylamine
Concen: 0.320 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 714

Ion	Ratio	Lower	Upper
42	100		
74	70.0	57.0	85.4
44	0.0	0.0	0.0

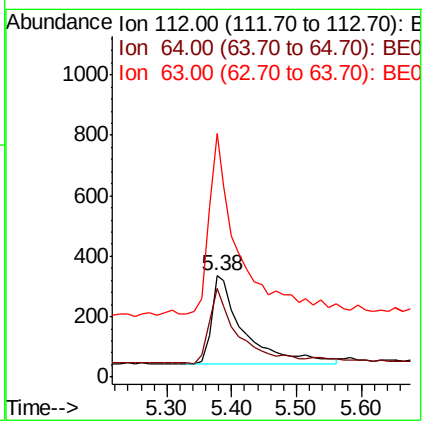


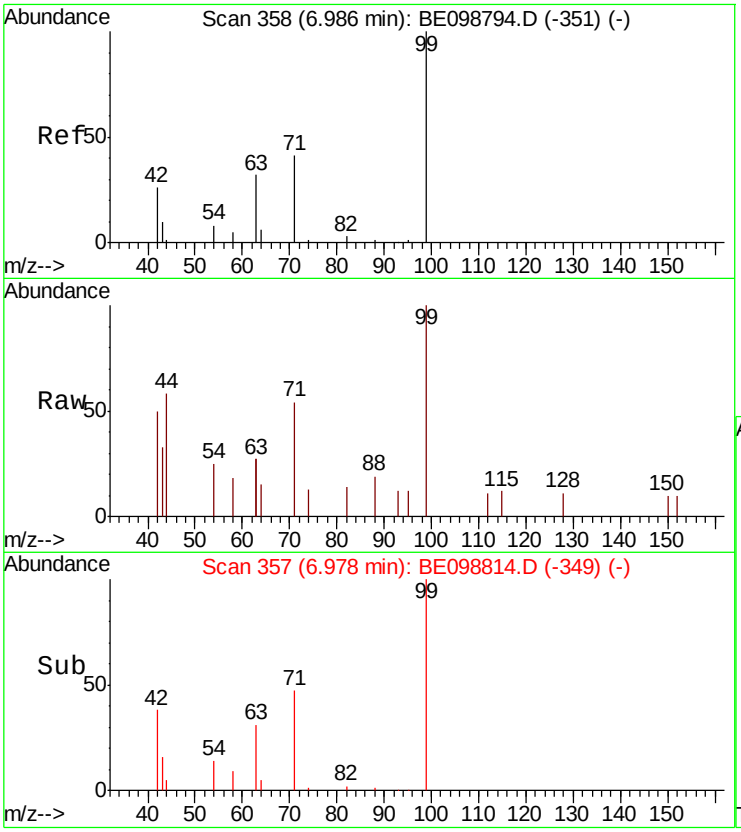


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.38 min Scan# 218
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:112 Resp: 1003

Ion	Ratio	Lower	Upper
112	100		
64	74.2	57.9	86.9
63	191.9	158.3	237.5



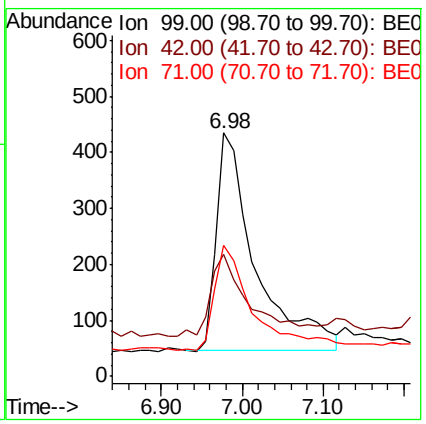


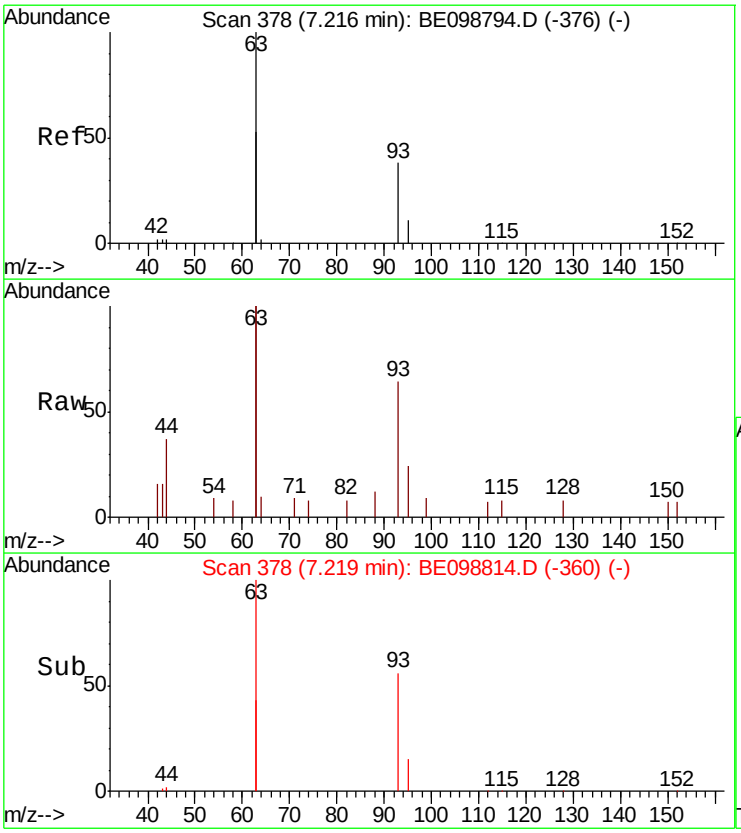
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1298

Ion	Ratio	Lower	Upper
99	100		
42	39.4	24.2	36.2#
71	49.0	35.7	53.5

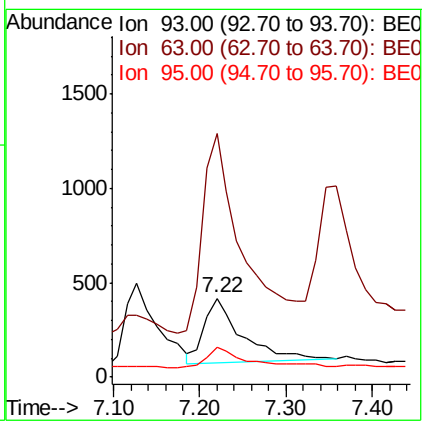


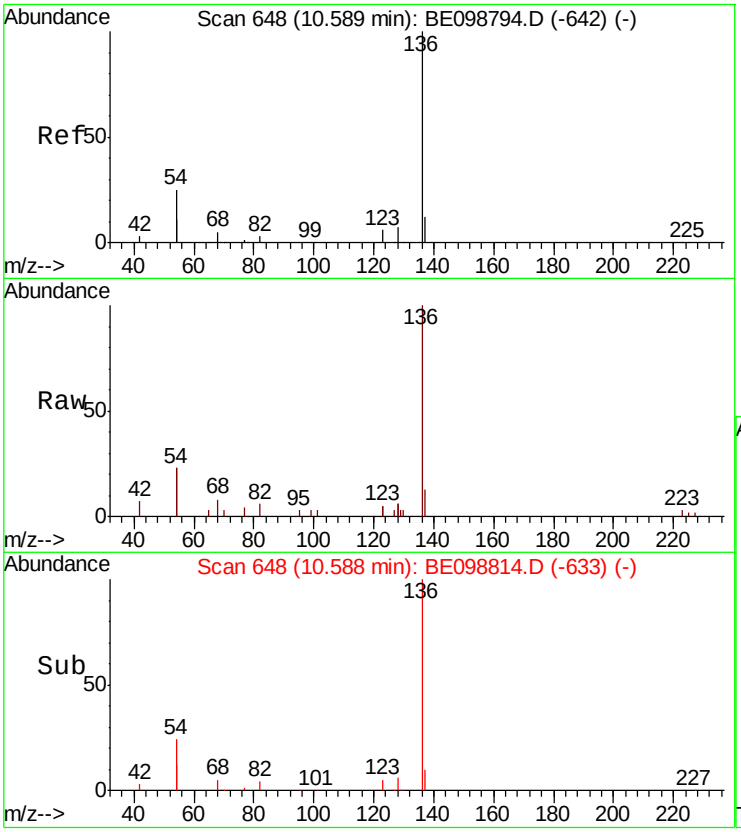


#6
bis(2-Chloroethyl)ether
Concen: 0.353 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion: 93 Resp: 1020

Ion	Ratio	Lower	Upper
93	100		
63	332.0	247.5	371.3
95	34.4	21.8	32.8#



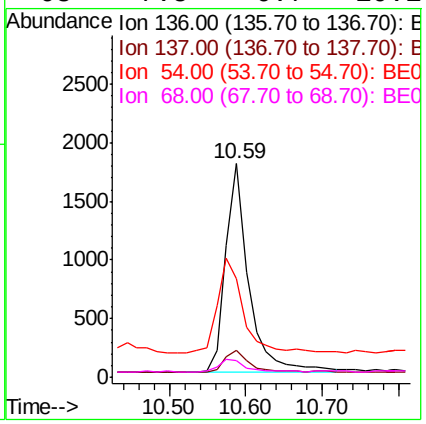


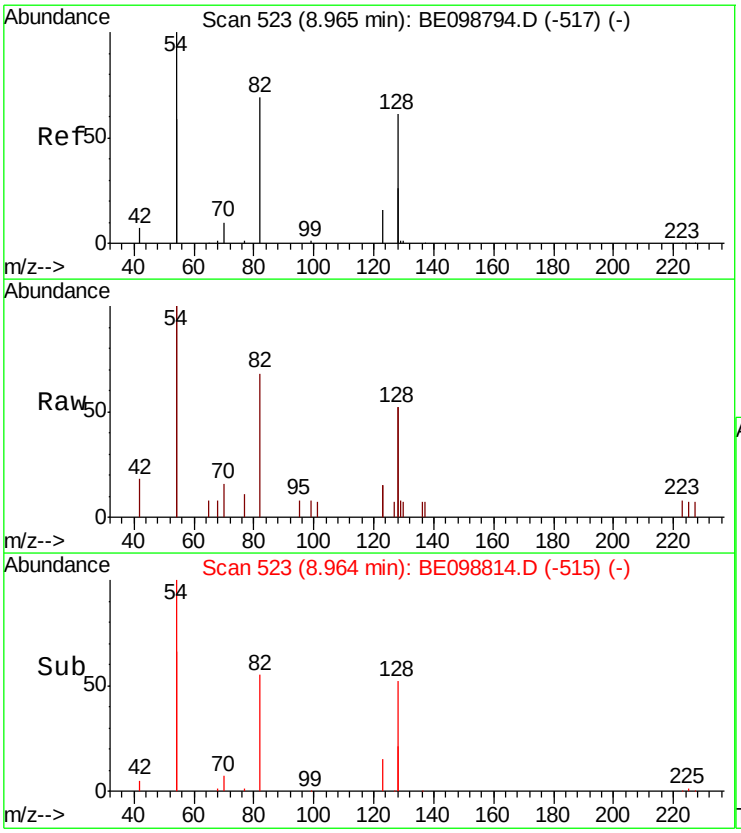
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3731

Ion	Ratio	Lower	Upper
136	100		
137	12.7	11.4	17.0
54	46.1	39.3	58.9
68	7.5	6.7	10.1

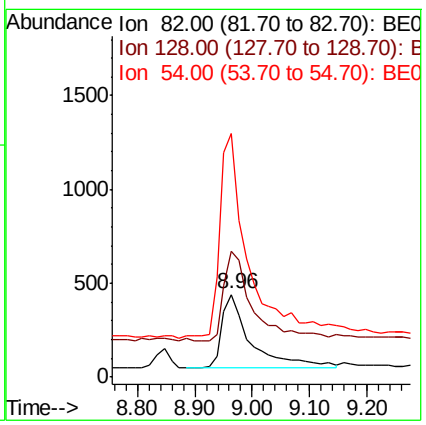


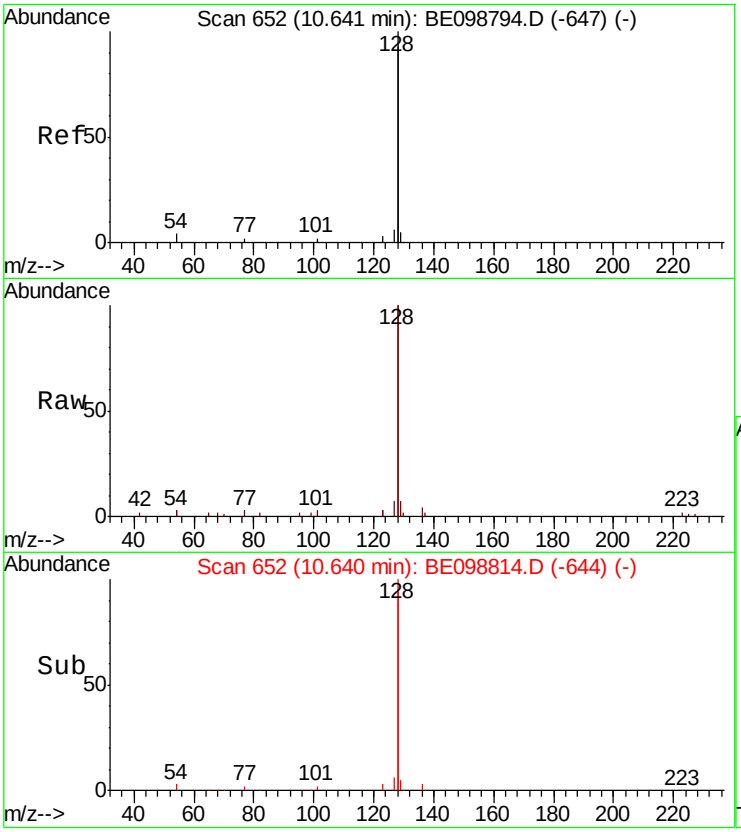


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion: 82 Resp: 1370

Ion	Ratio	Lower	Upper
82	100		
128	152.3	123.8	185.8
54	295.0	203.4	305.2



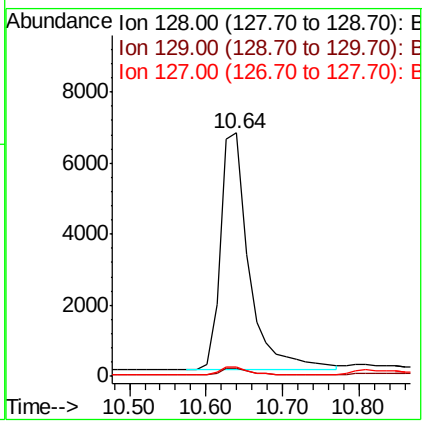


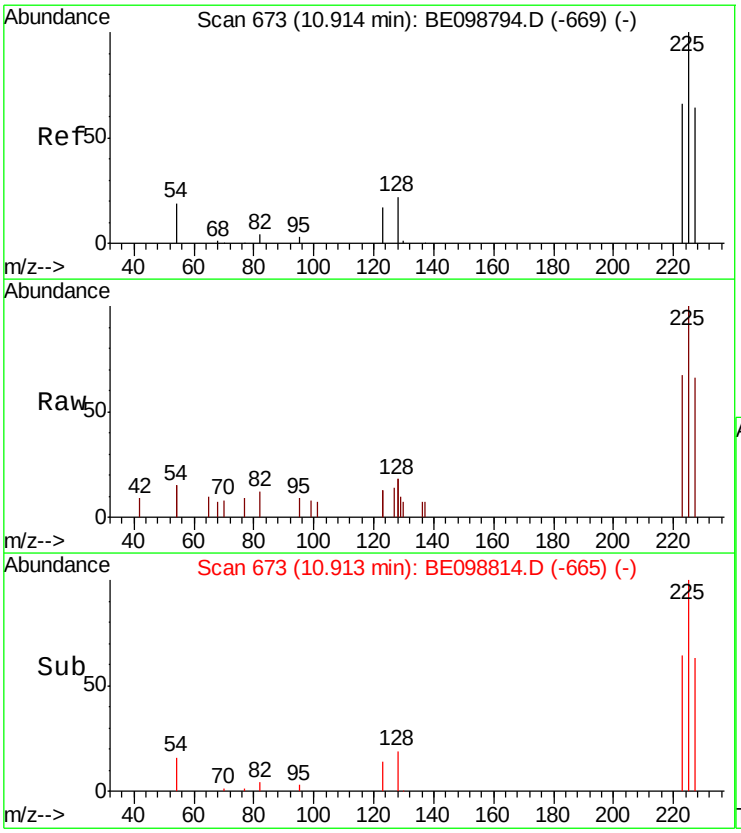
#9
Naphthalene
Concen: 0.403 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17208

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.6	4.0
127	3.6	3.1	4.7

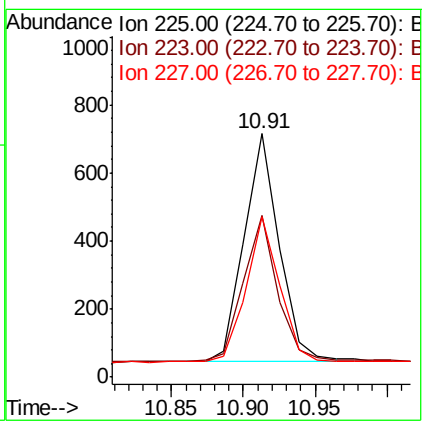


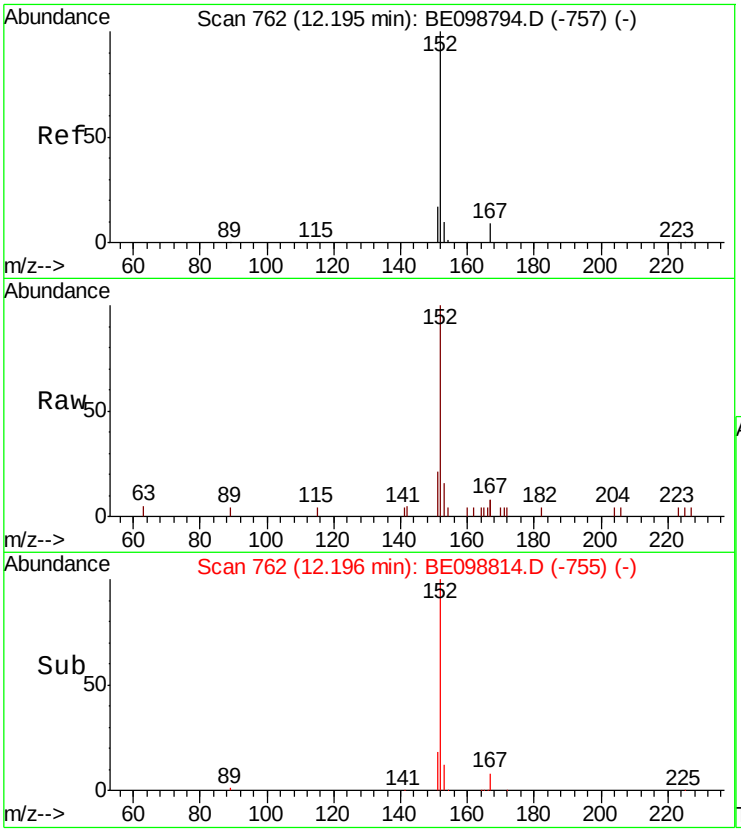


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:225 Resp: 1137

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	62.4	51.6	77.4



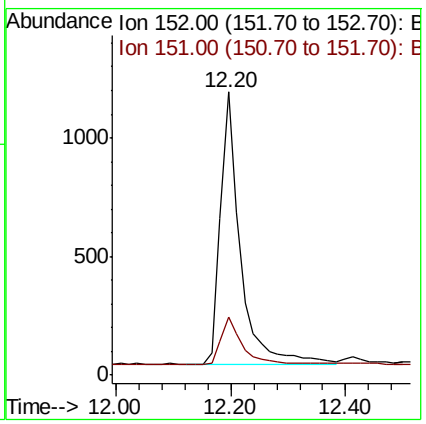


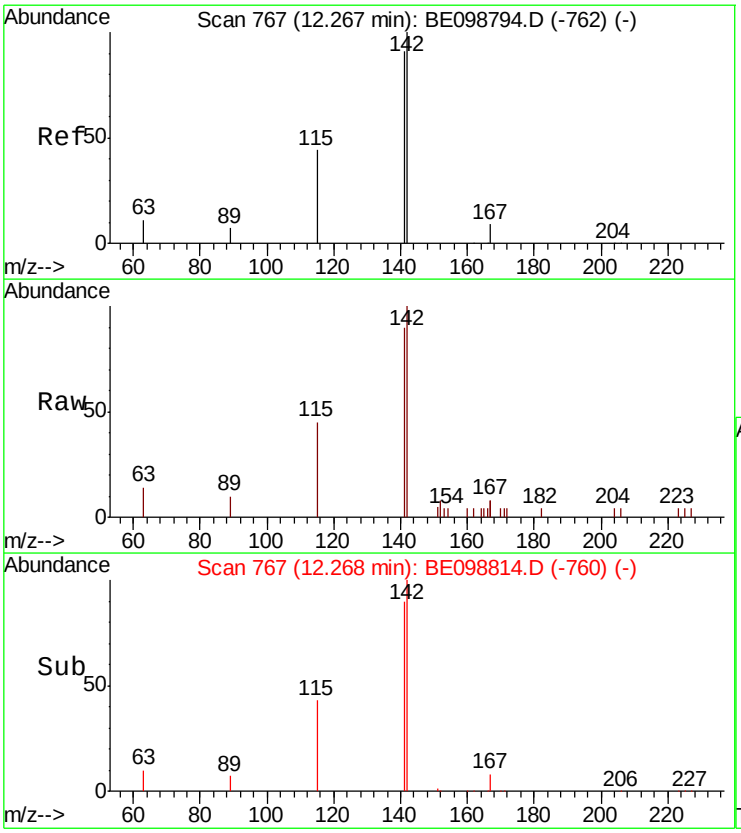
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2773

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.5	24.7

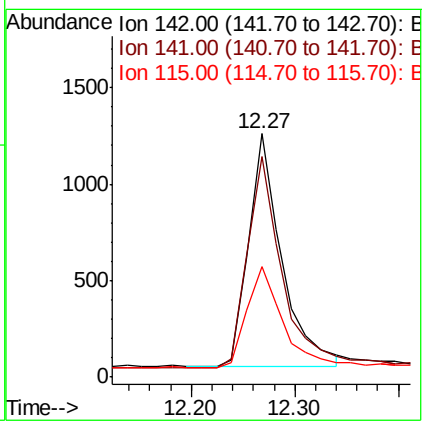


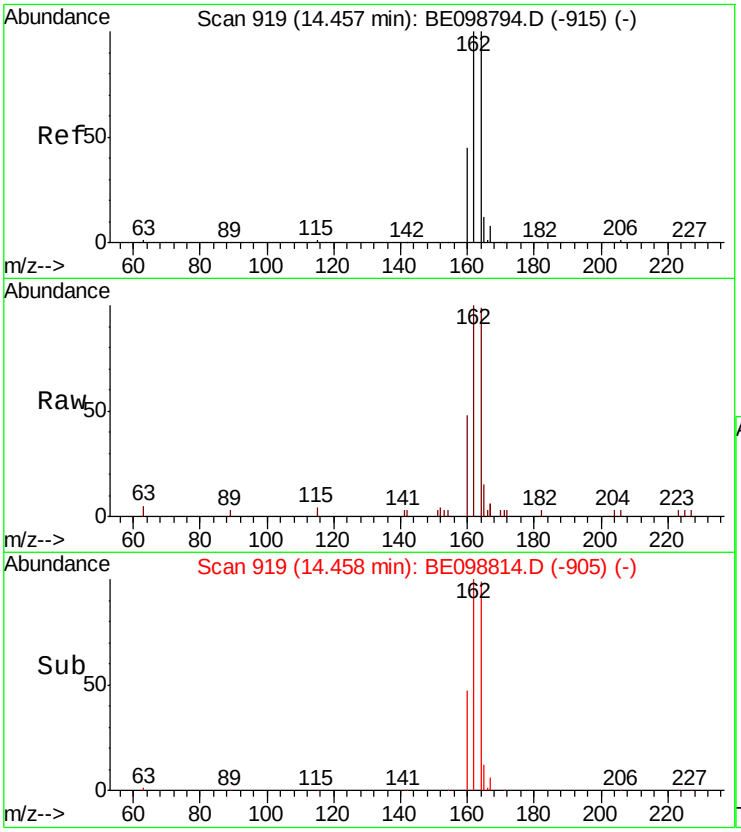


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:142 Resp: 2689

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8
115	45.2	37.4	56.2



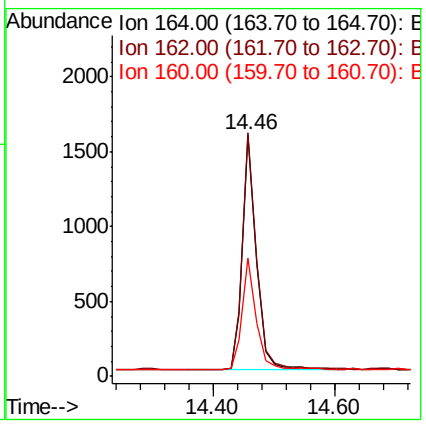


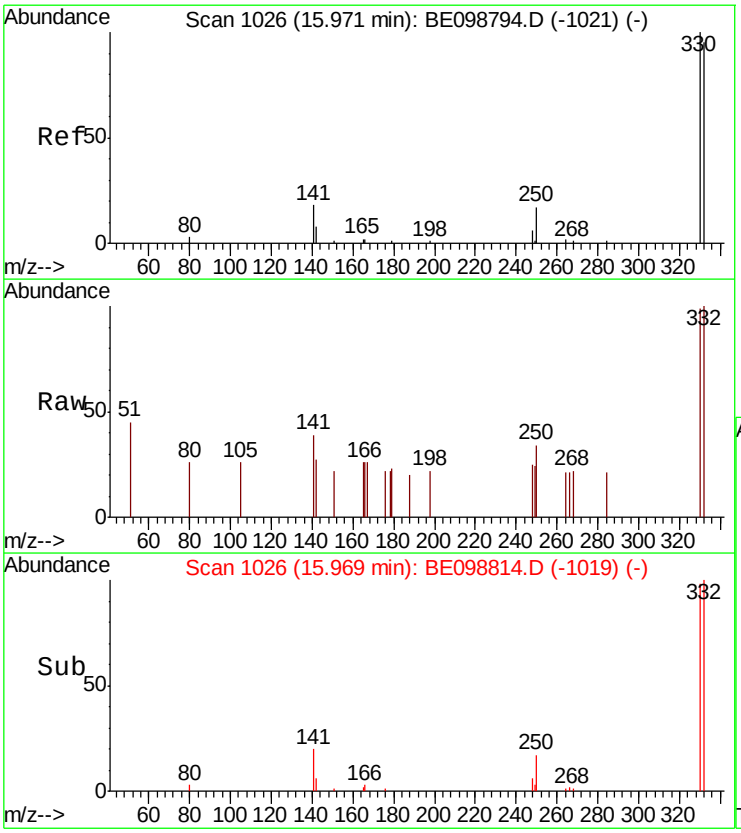
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2482

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	48.7	37.8	56.8

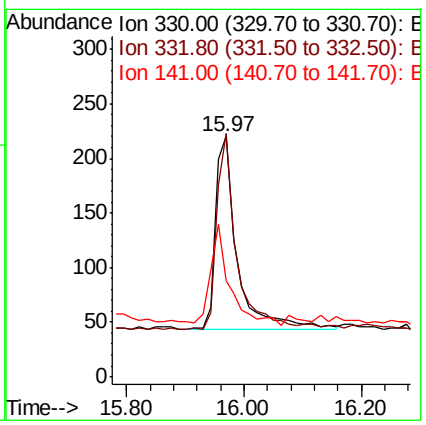


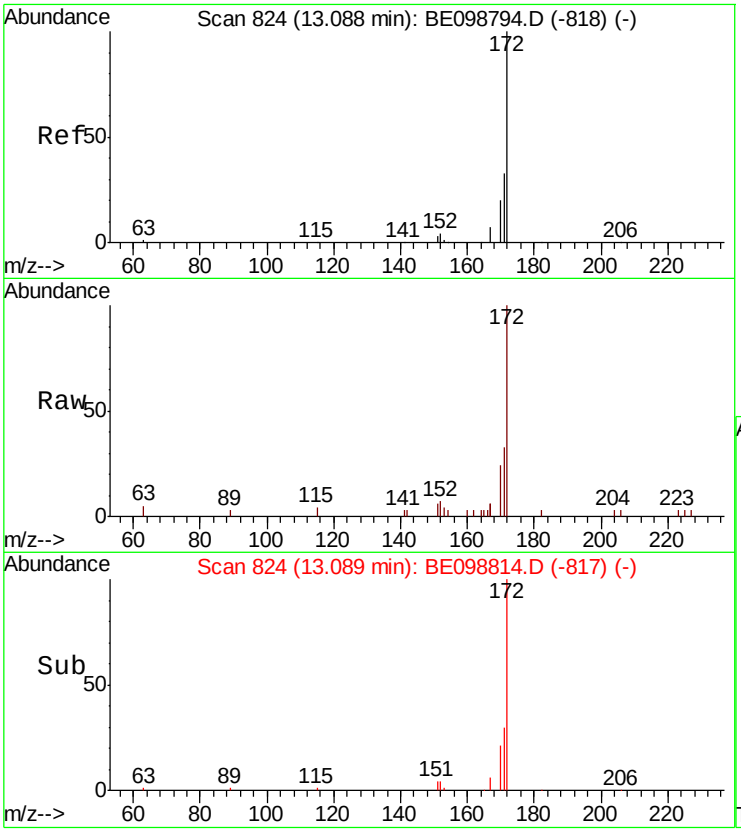


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:330 Resp: 455

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.6	116.4
141	47.3	31.0	46.4#



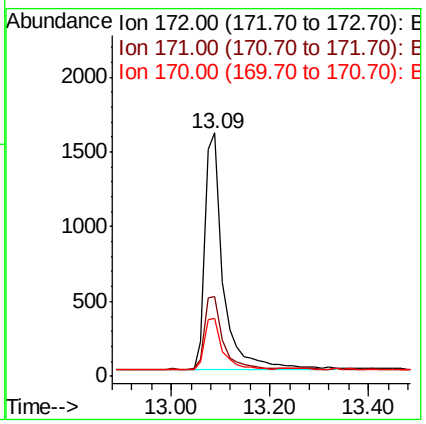


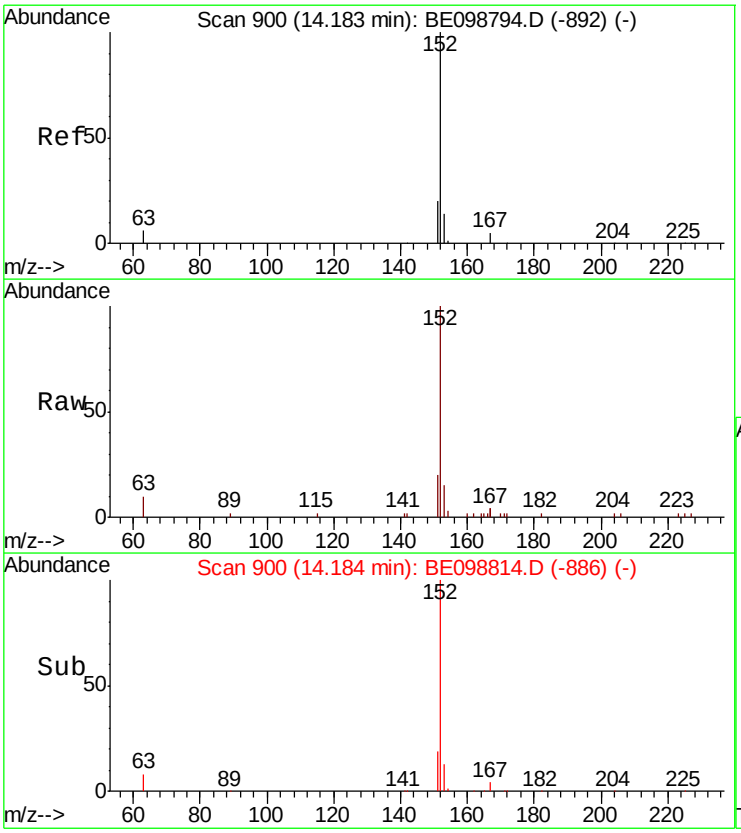
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4080

Ion	Ratio	Lower	Upper
172	100		
171	32.5	28.0	42.0
170	23.6	17.7	26.5

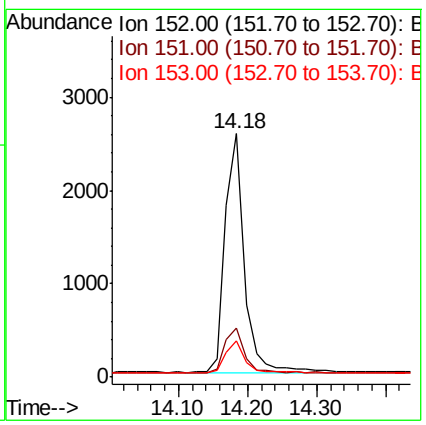


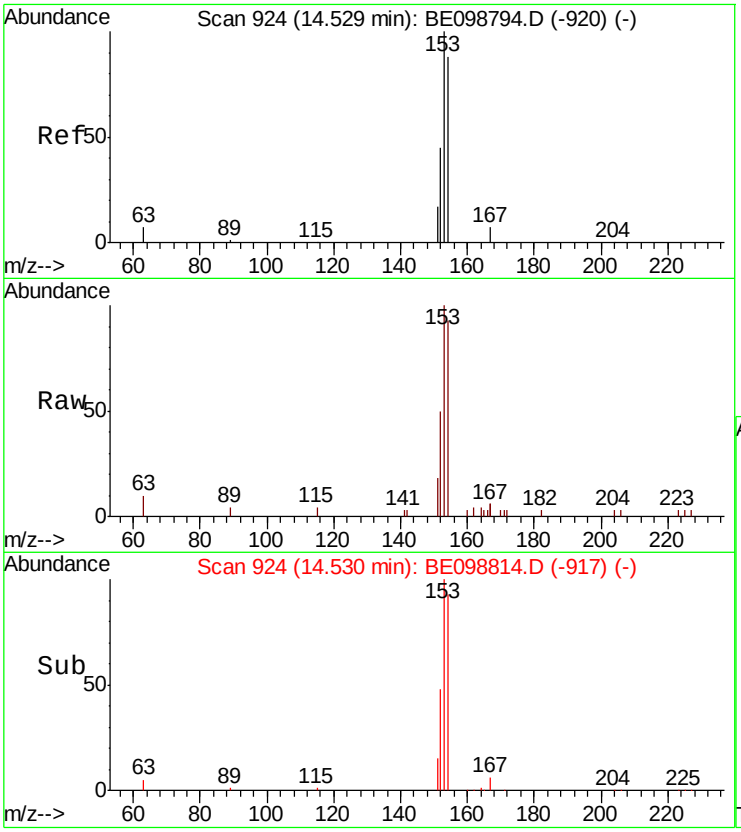


#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:152 Resp: 4957

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.0	25.6
153	13.4	11.2	16.8



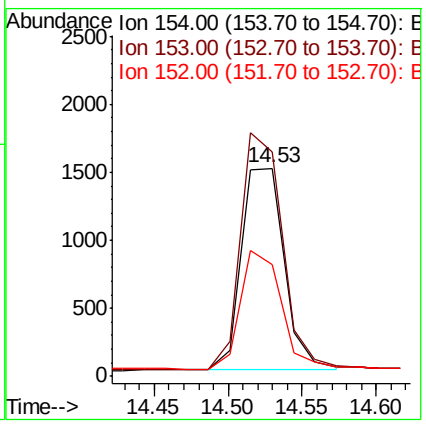


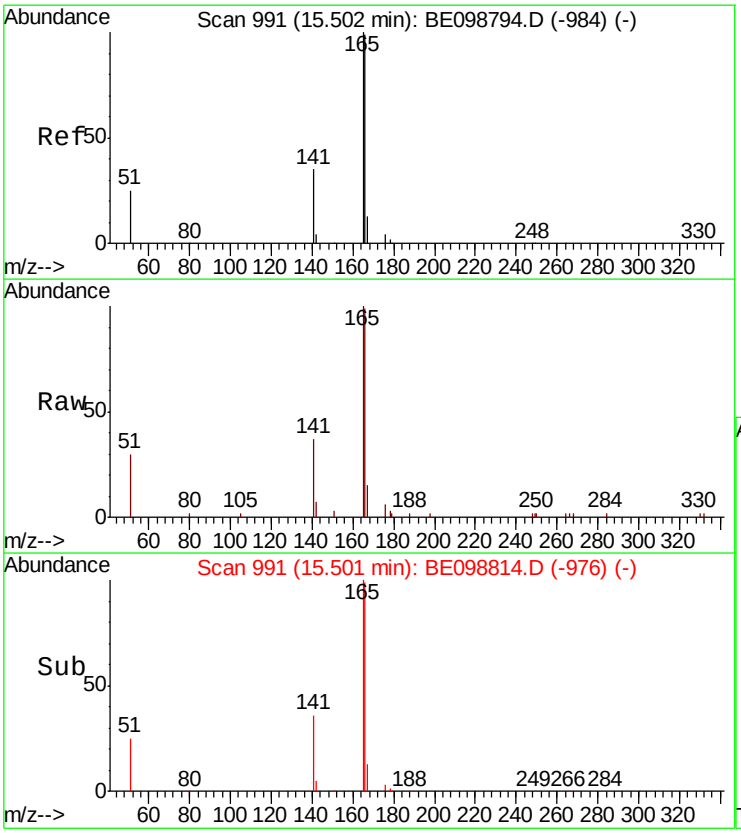
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2984

Ion	Ratio	Lower	Upper
154	100		
153	114.8	94.2	141.4
152	55.9	45.0	67.4

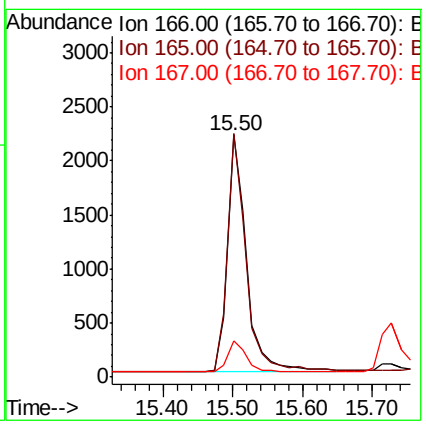


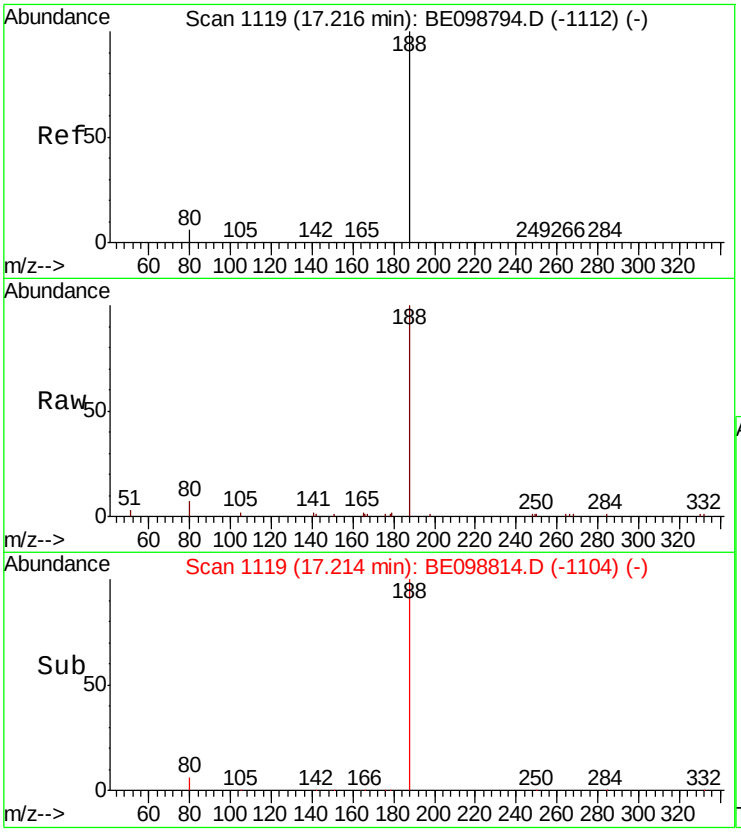


#18
Fluorene
Concen: 0.377 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:166 Resp: 4114

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.4	10.5	15.7



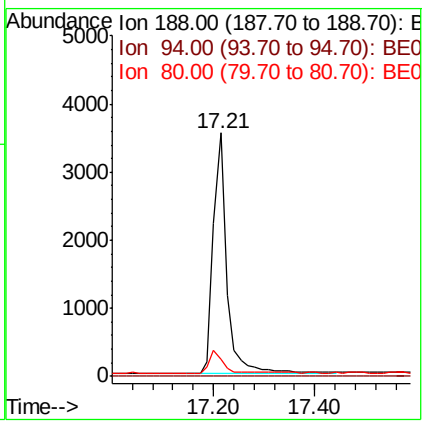


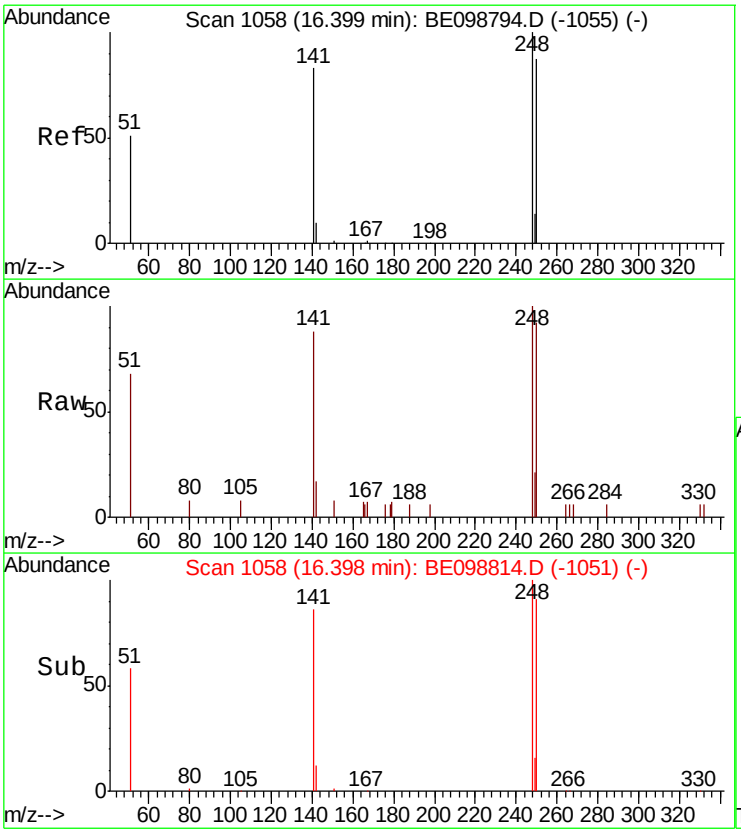
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6533

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

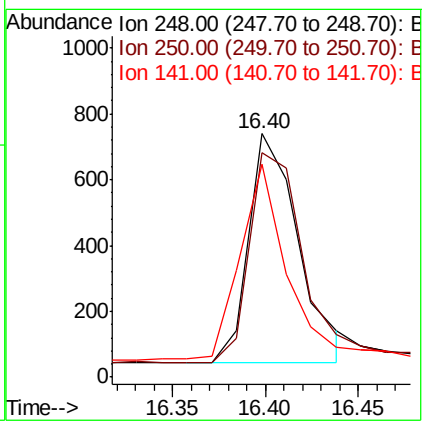


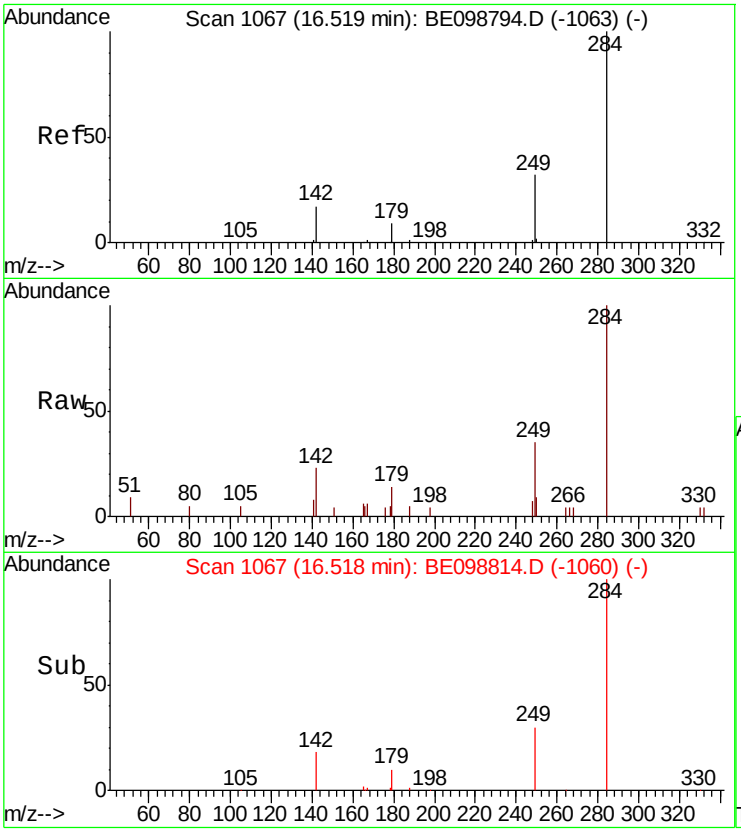


#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:248 Resp: 1313

Ion	Ratio	Lower	Upper
248	100		
250	92.0	70.6	105.8
141	87.6	68.6	102.8



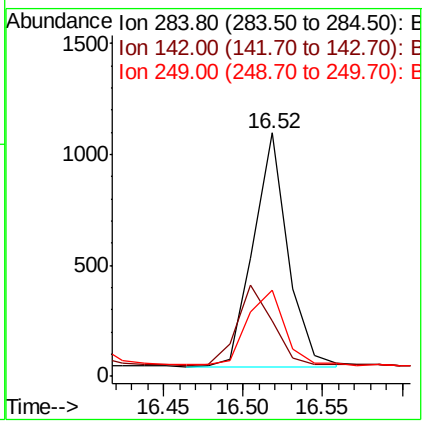


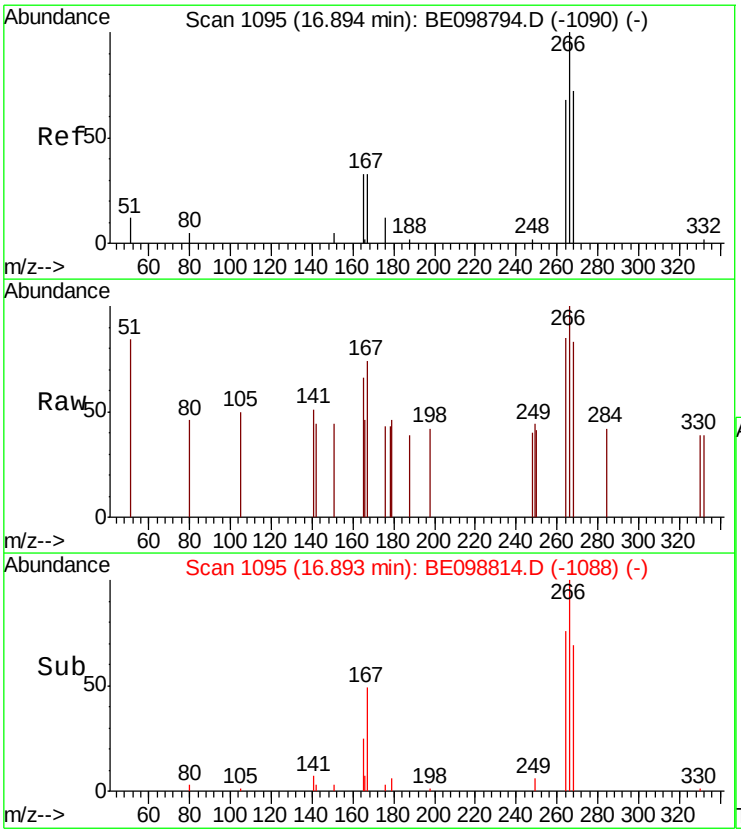
#21
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1595

Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.7	43.1
249	34.9	29.6	44.4

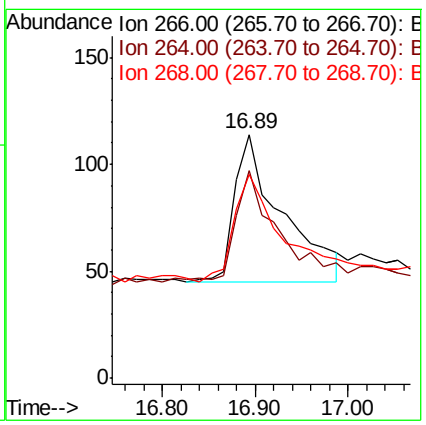


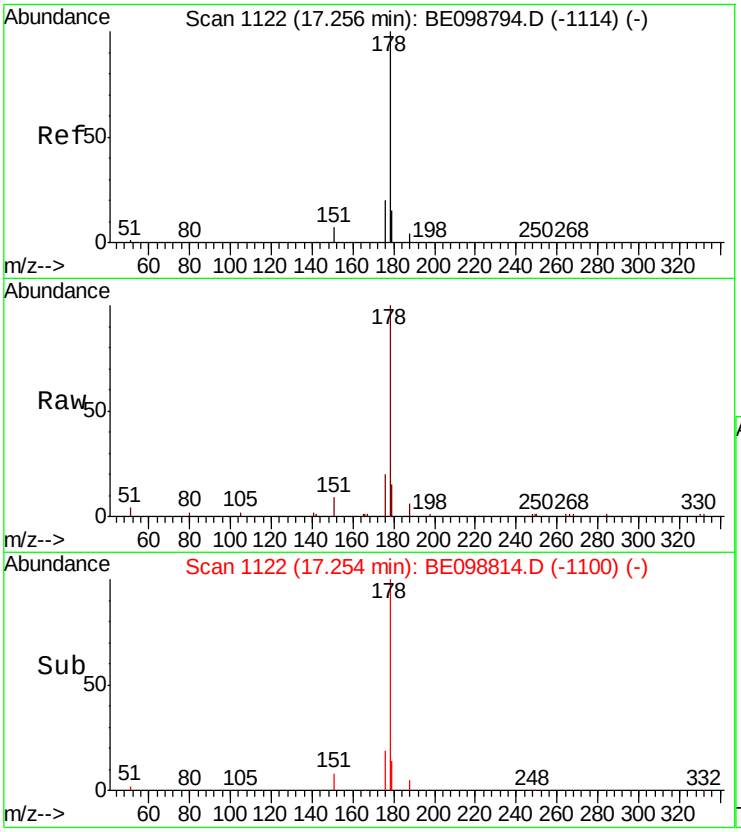


#22
Pentachlorophenol
Concen: 0.435 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:266 Resp: 245

Ion	Ratio	Lower	Upper
266	100		
264	85.1	66.6	100.0
268	83.3	69.8	104.8



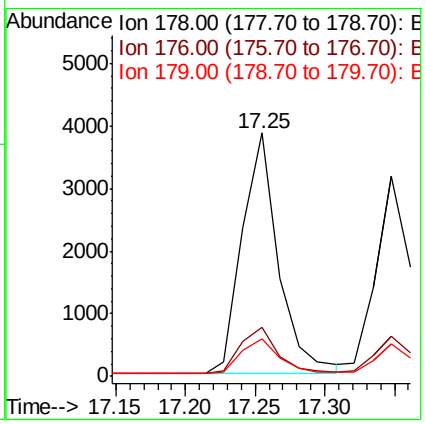


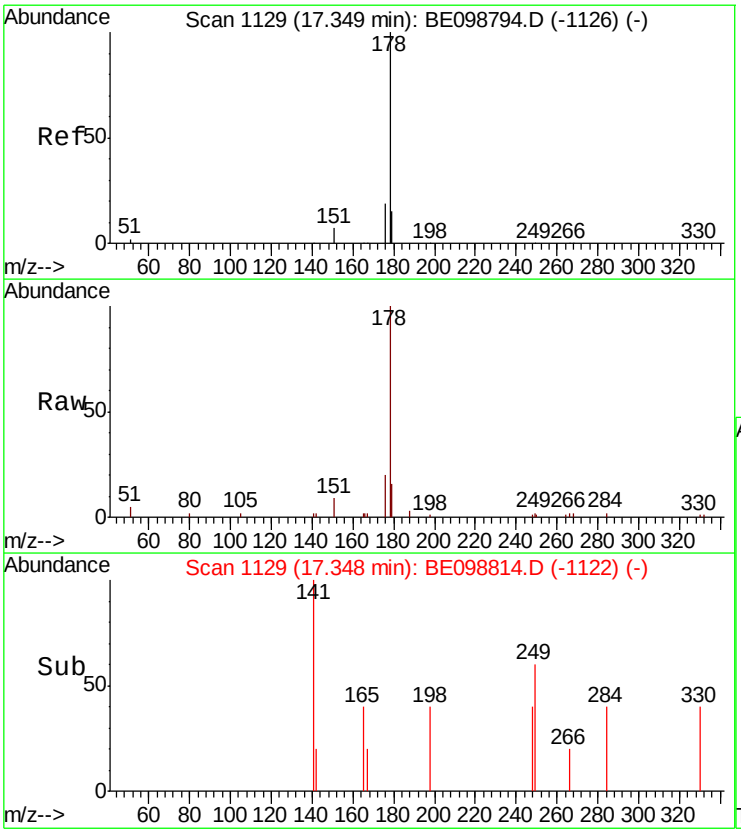
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6908

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.1	12.1	18.1

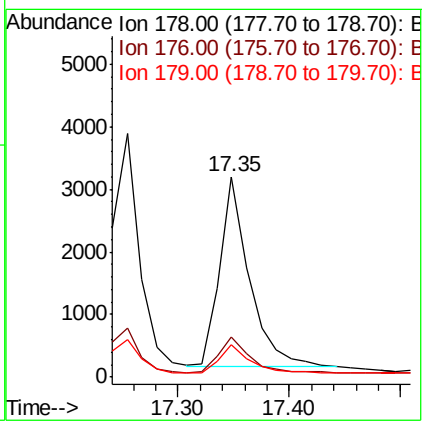


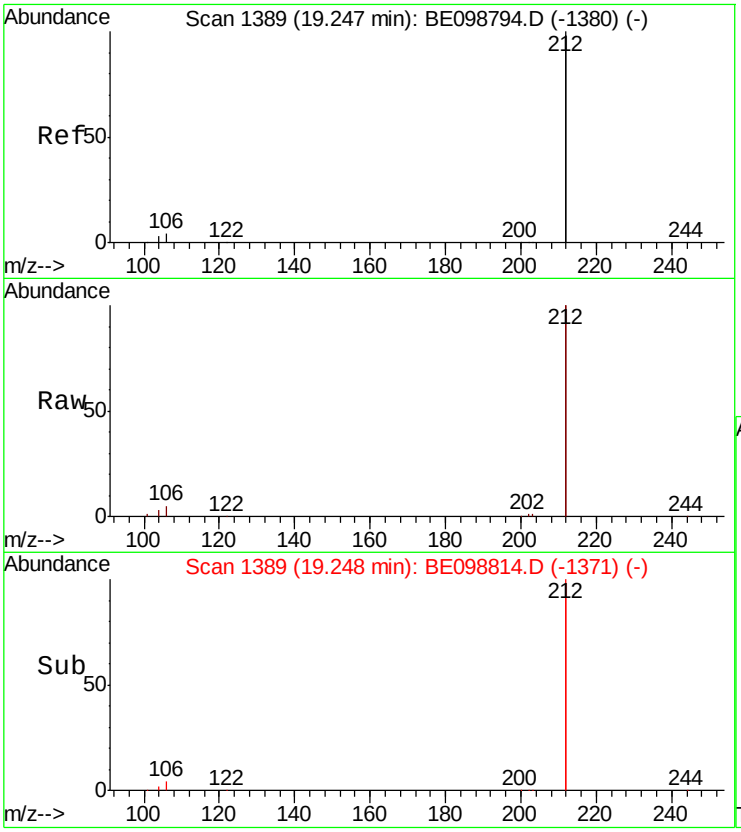


#24
Anthracene
Concen: 0.354 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:178 Resp: 5623

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	14.7	12.2	18.4



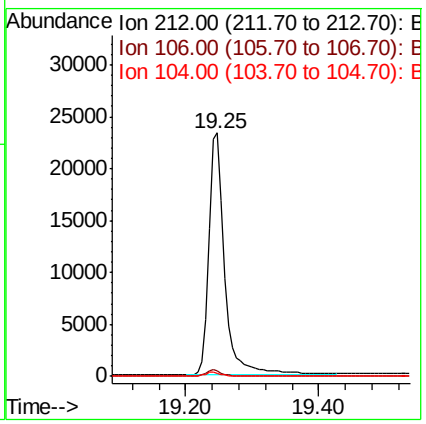


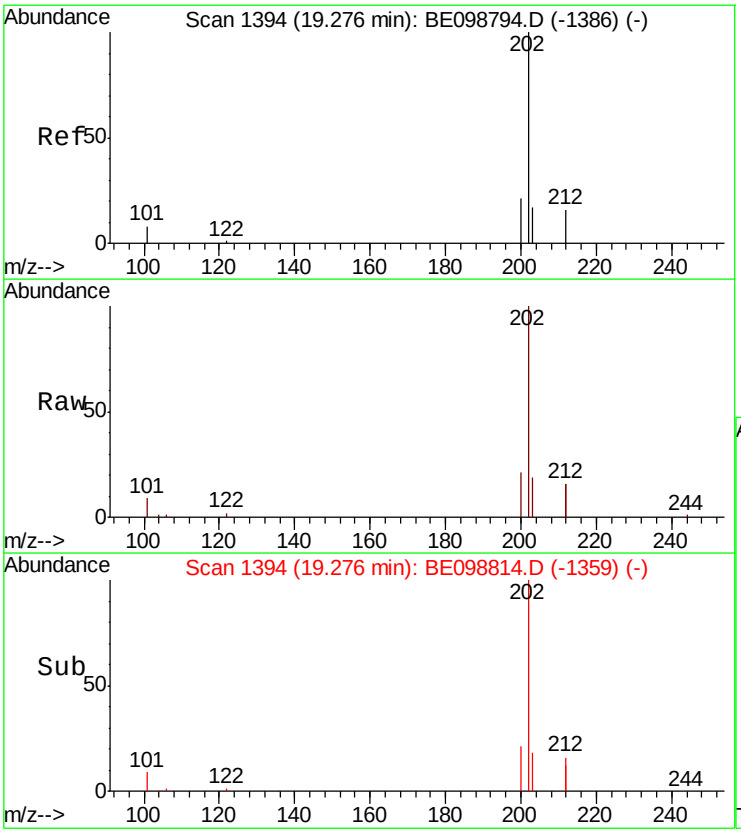
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38115

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

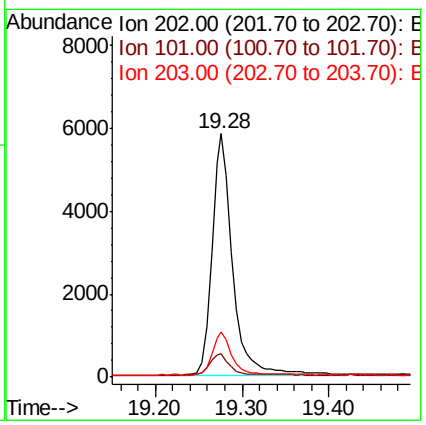


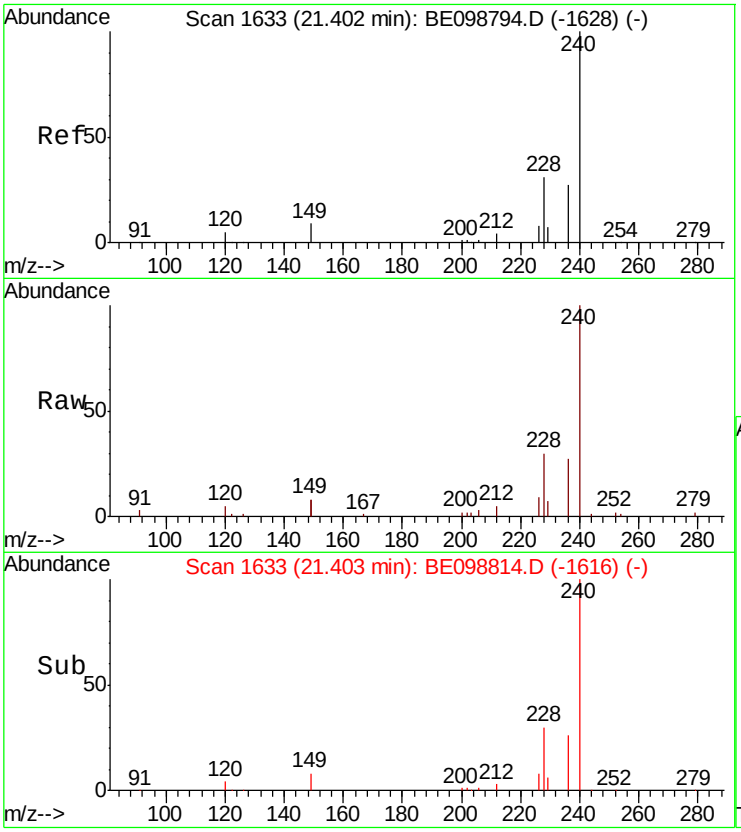


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:202 Resp: 9614

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.3	10.9
203	17.0	13.4	20.2



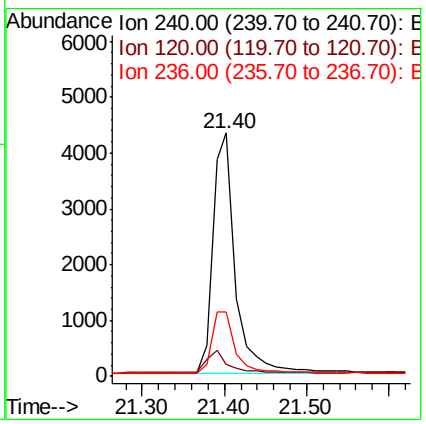


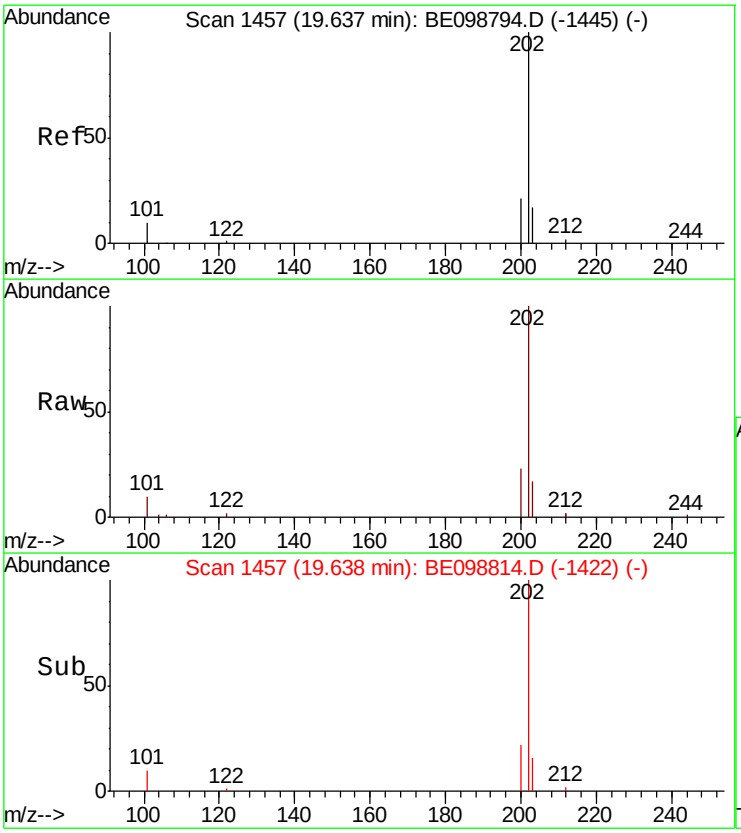
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8316

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.4
236	26.6	22.7	34.1

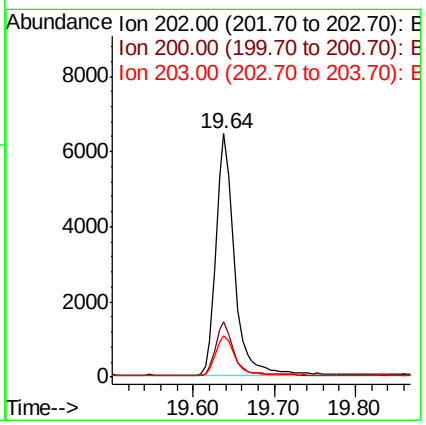


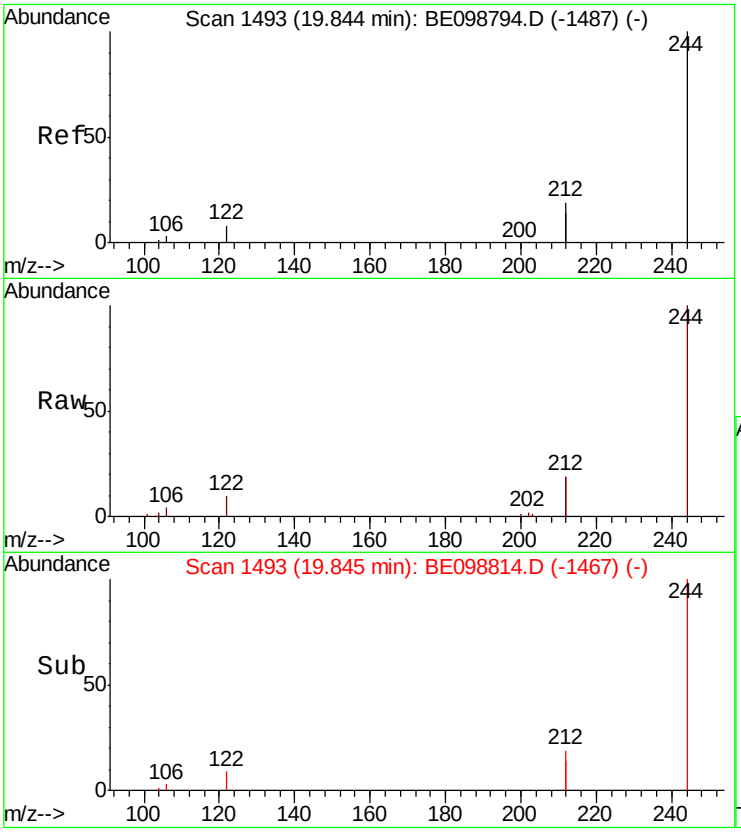


#28
Pyrene
Concen: 0.399 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:202 Resp: 10139

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.4	14.2	21.2



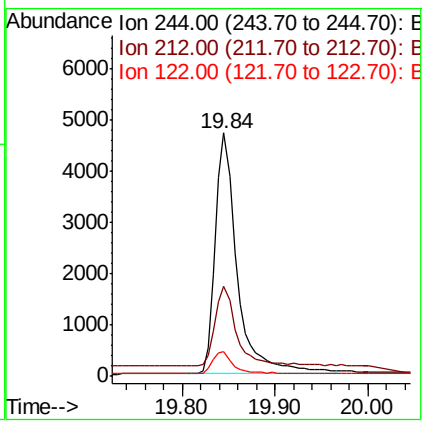


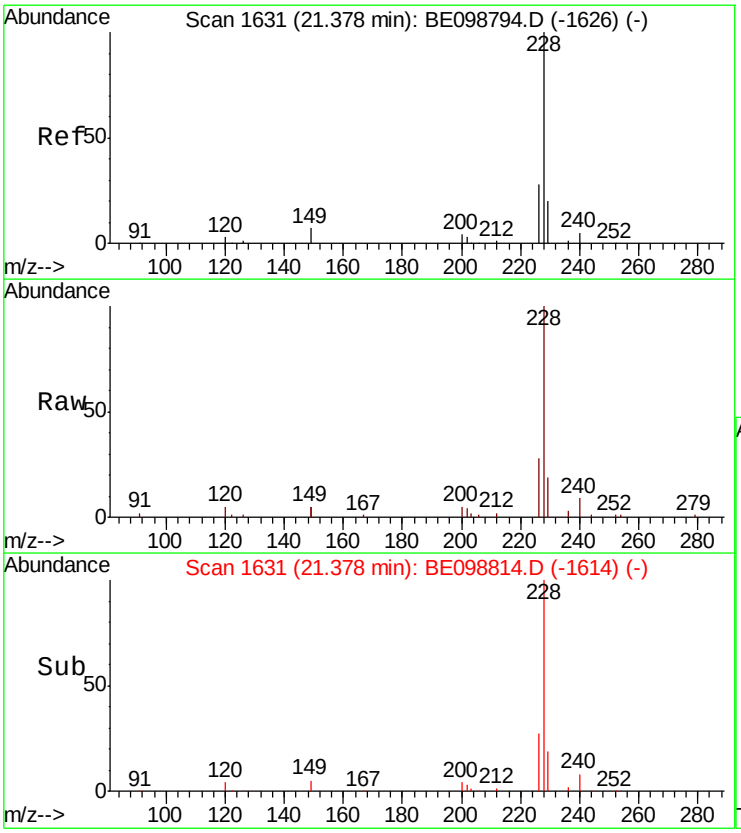
#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7764

Ion	Ratio	Lower	Upper
244	100		
212	37.2	29.4	44.2
122	10.1	7.1	10.7

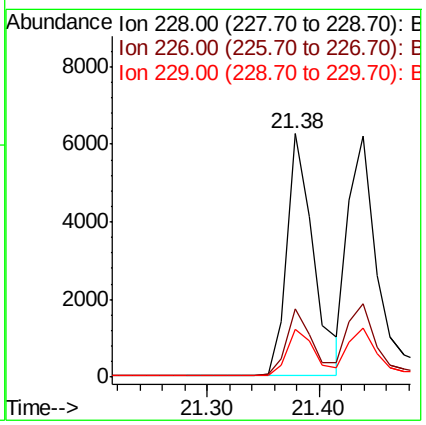


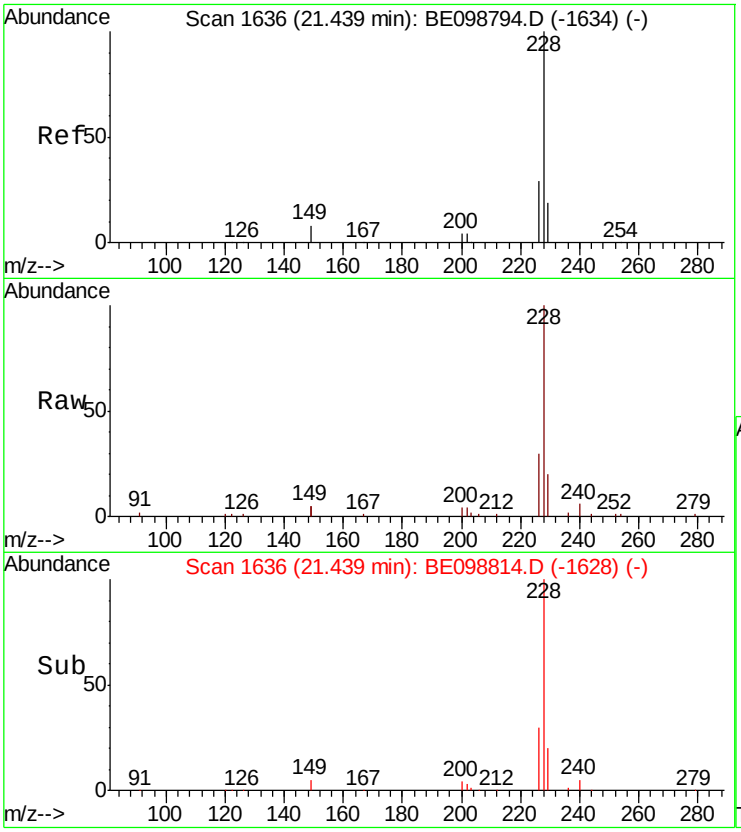


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:228 Resp: 10184

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.5	16.5	24.7



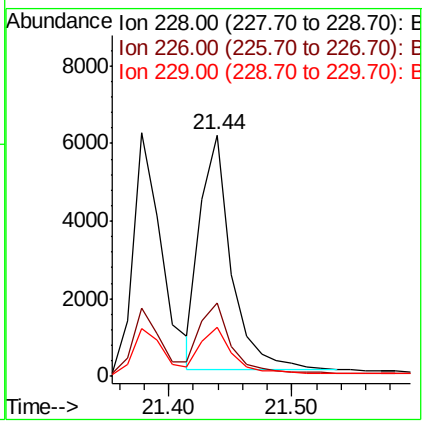


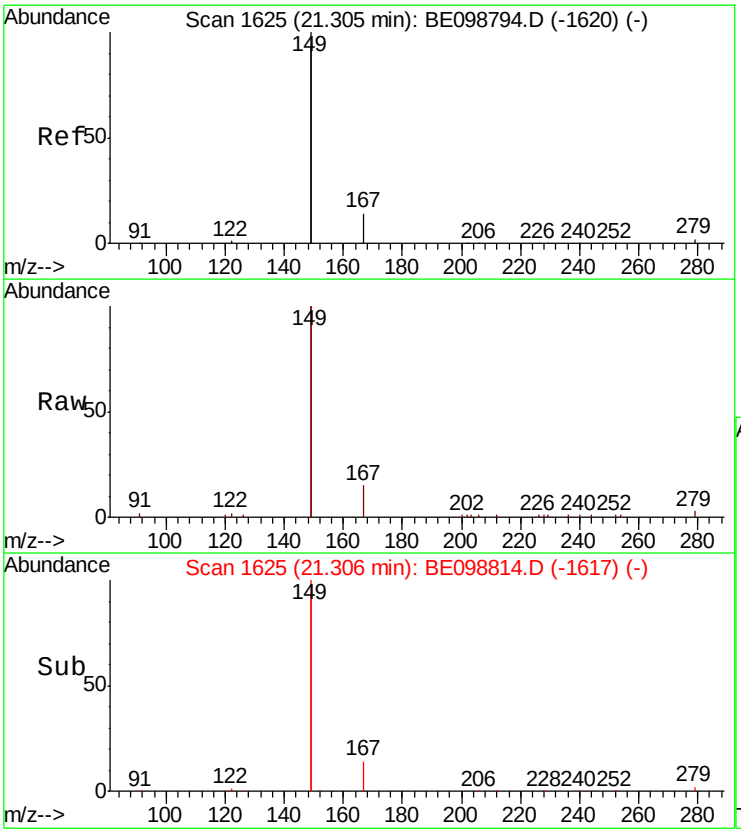
#31
Chrysene
Concen: 0.384 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10656

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.4	16.1	24.1

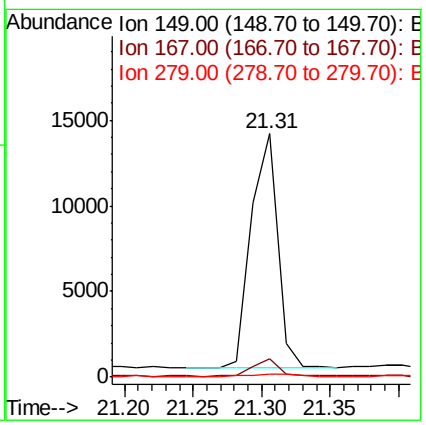


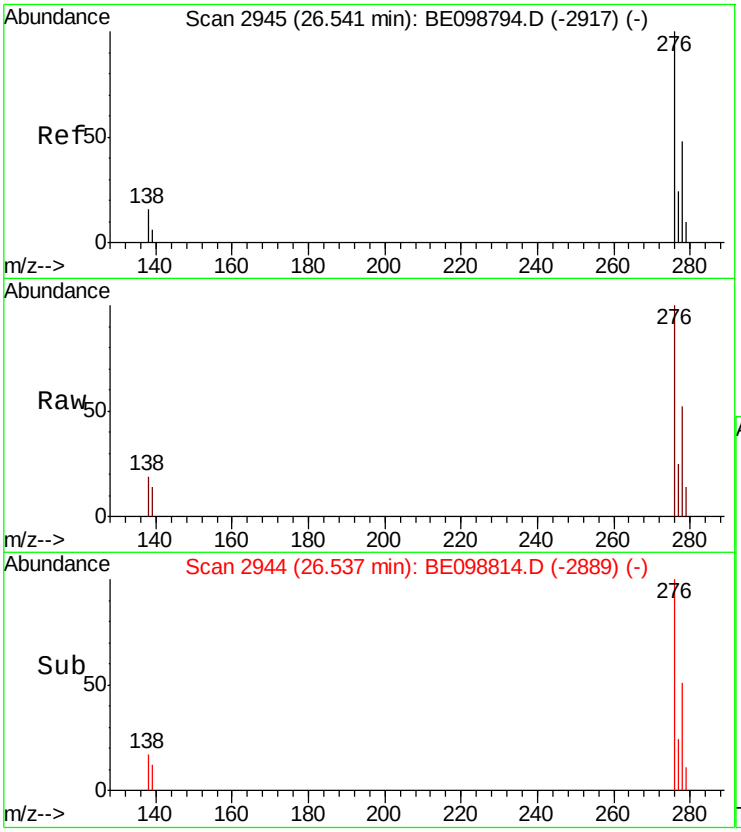


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.335 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:149 Resp: 18494

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.2	1.0	1.4



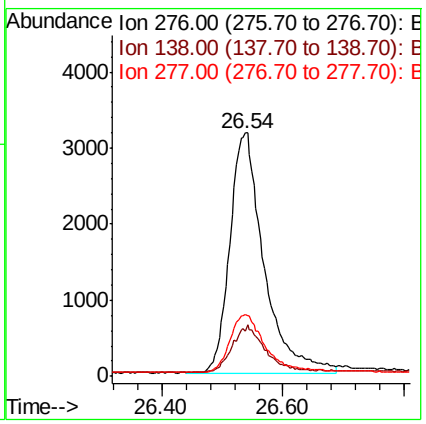


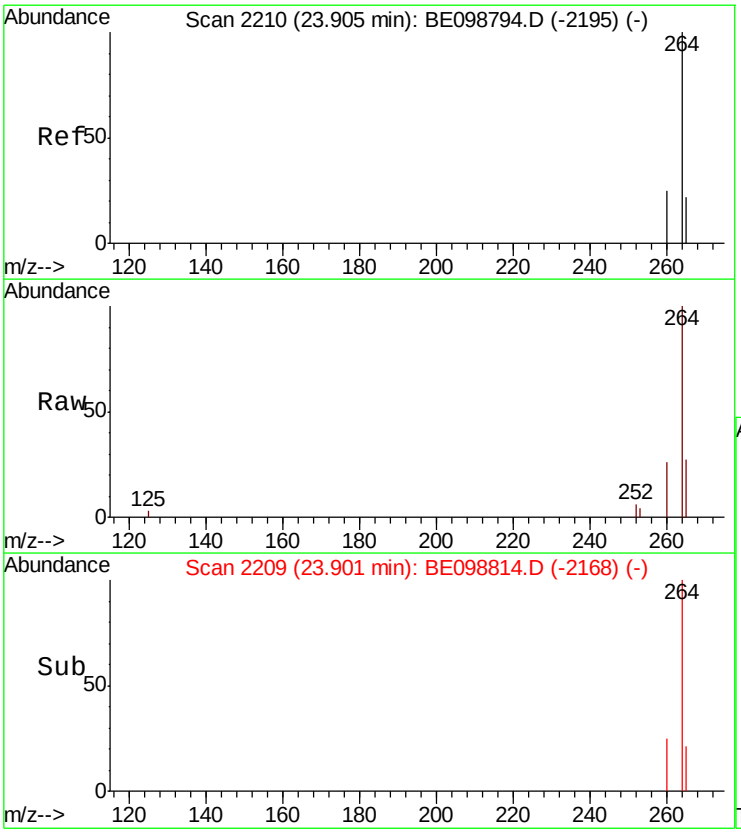
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12317

Ion	Ratio	Lower	Upper
276	100		
138	19.2	13.8	20.8
277	24.5	19.5	29.3

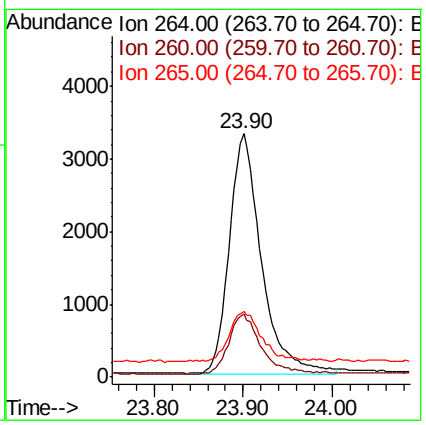


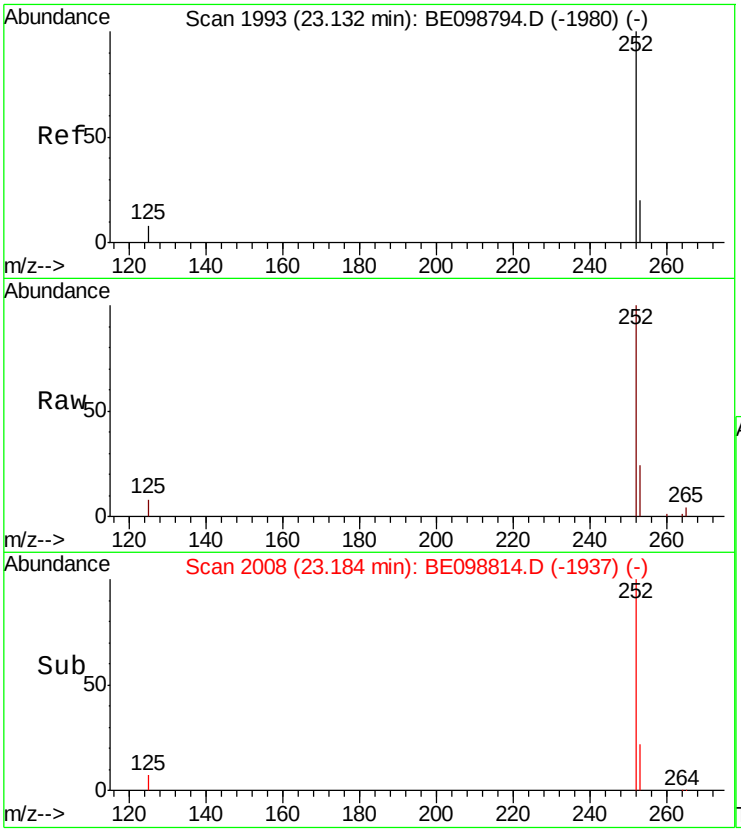


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:264 Resp: 8266

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.2	31.8
265	27.1	24.6	36.8



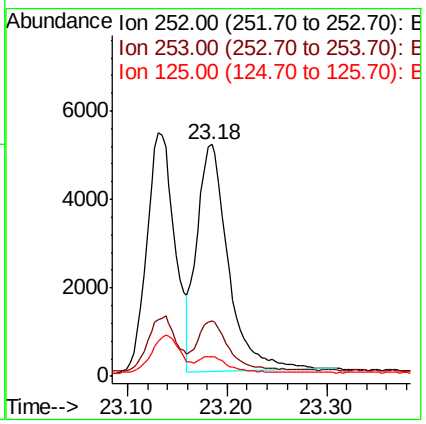


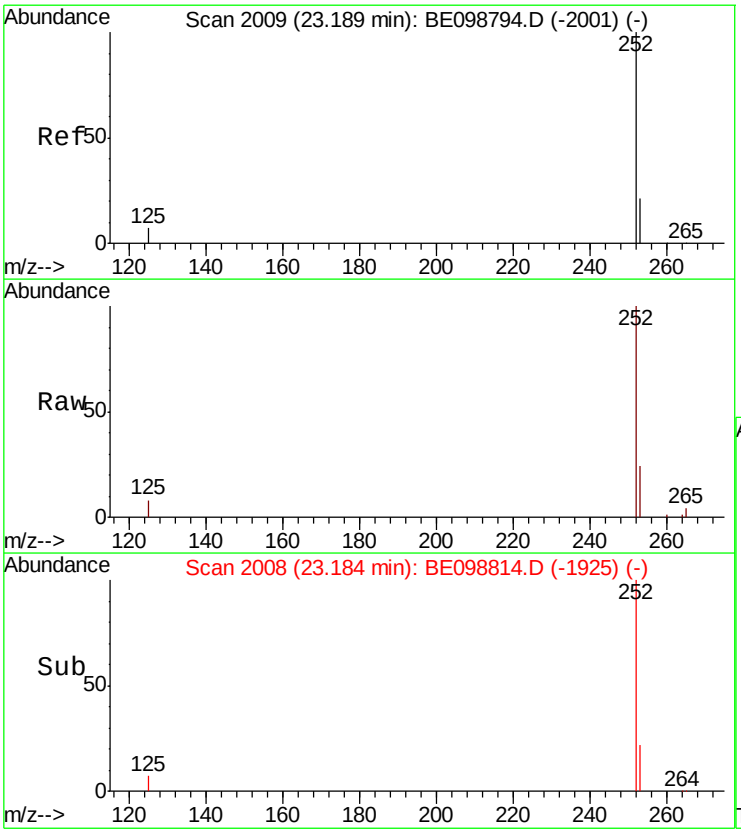
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.18 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11273

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	8.3	7.3	10.9

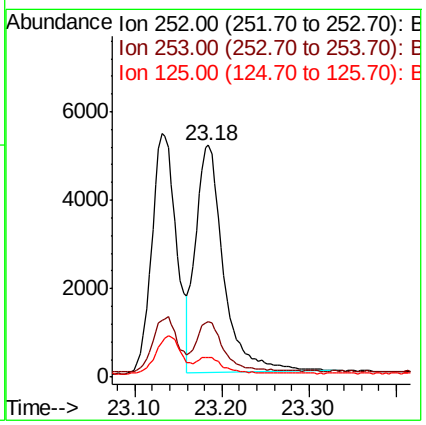


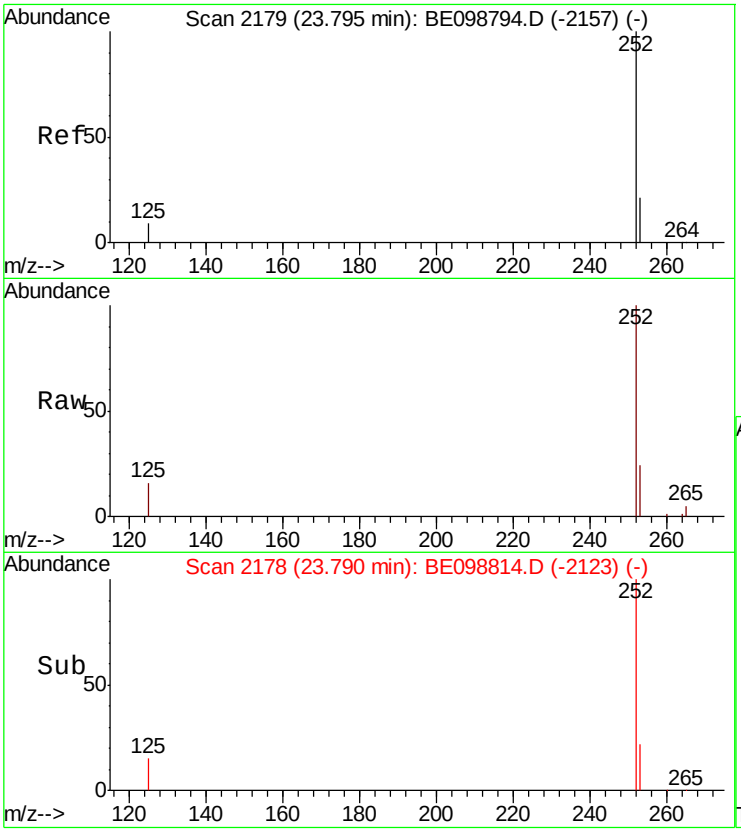


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:252 Resp: 11499

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	8.3	7.5	11.3



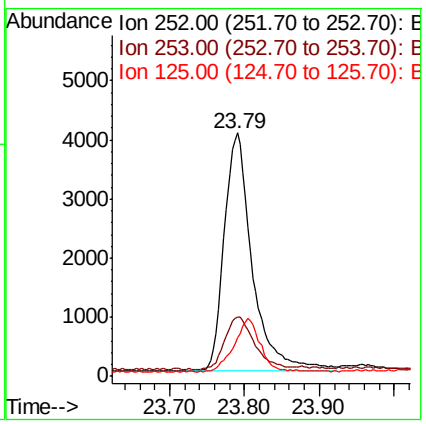


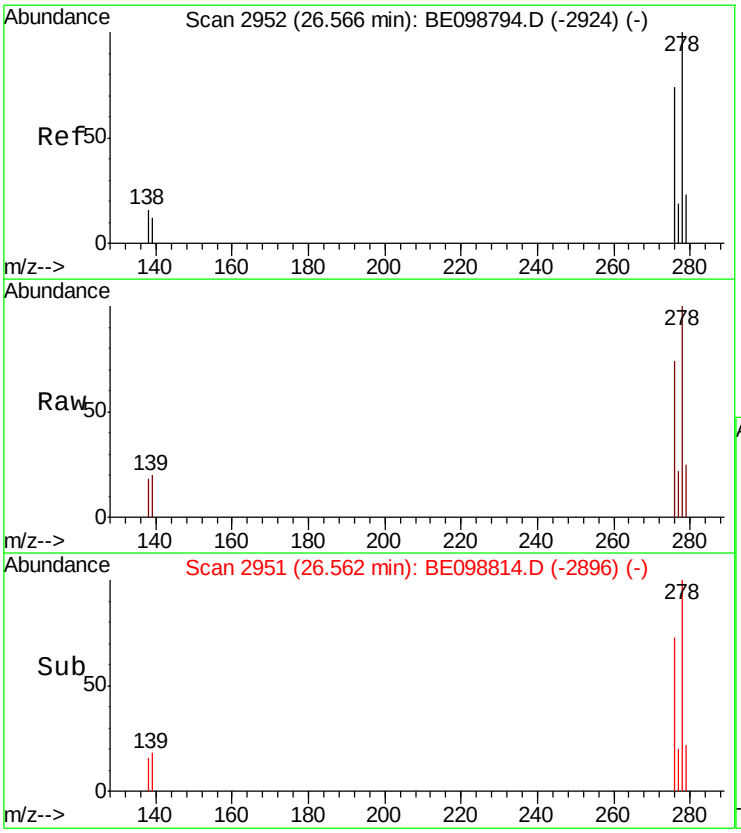
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10596

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	16.2	9.0	13.4#

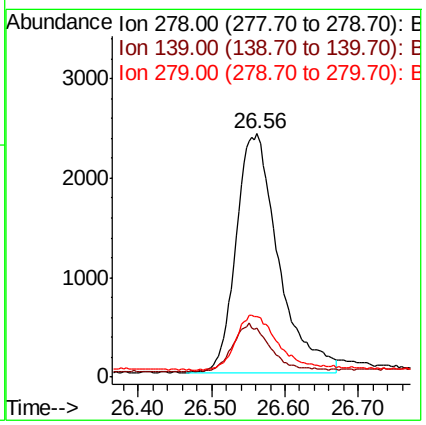


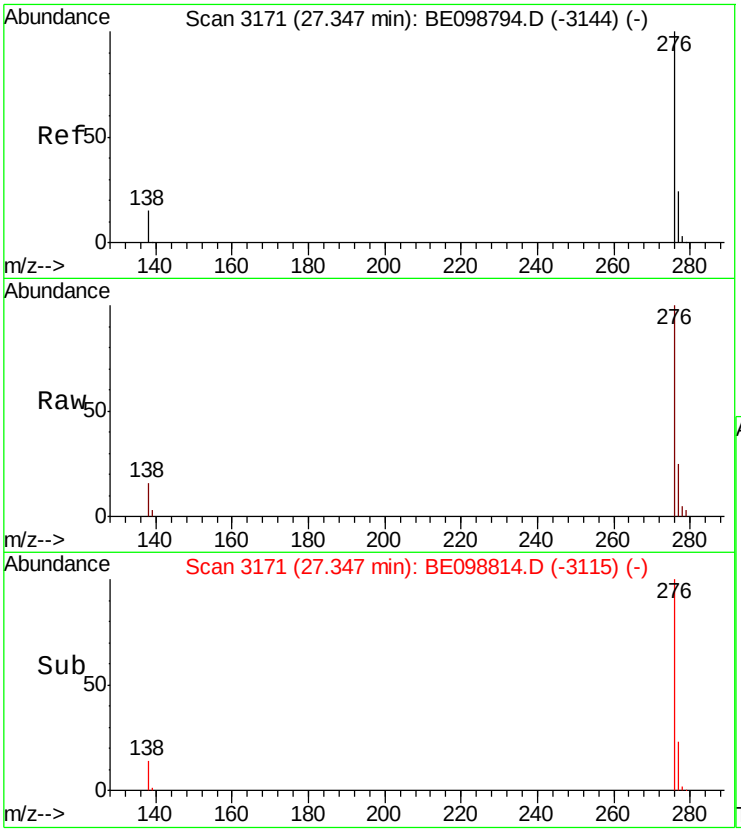


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Tgt Ion:278 Resp: 9515

Ion	Ratio	Lower	Upper
278	100		
139	20.3	11.8	17.6#
279	24.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BE098814.D
Acq: 7 Mar 2019 11:21

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 10168

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.4	30.6
138	16.1	13.6	20.4