Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098812.D
Acq On : 7 Mar 2019 10:09
Operator : JU/SJ
Sample : PB117507BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 12:50:25 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	875	0.40	ng		0.01
7) Naphthalene-d8	10.60	136	3764	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	2493	0.40	ng		0.01
19) Phenanthrene-d10	17.22	188	6557	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8189	0.40	ng		0.00
34) Perylene-d12	23.91	264	8255	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	1074	0.41	ng		0.00
5) Phenol-d6	7.00	99	1504	0.41	ng		0.01
8) Nitrobenzene-d5	8.96	82	1463	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2804	0.40	ng		0.01
14) 2,4,6-Tribromophenol	15.97	330	457	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4013	0.39	ng		0.00
25) Fluoranthene-d10	19.25	212	38795	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	7877	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	694	0.411	ng		93
3) n-Nitrosodimethylamine	3.62	42	828	0.376	ng	#	88
6) bis(2-Chloroethyl)ether	7.23	93	1077	0.378	ng	#	93
9) Naphthalene	10.64	128	17364	0.403	ng		100
10) Hexachlorobutadiene	10.93	225	1133	0.397	ng		98
12) 2-Methylnaphthalene	12.28	142	2732	0.391	ng		96
16) Acenaphthylene	14.18	152	4952	0.386	ng		98
17) Acenaphthene	14.53	154	3020	0.397	ng		99
18) Fluorene	15.52	166	4283	0.390	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1316	0.370	ng	#	81
21) Hexachlorobenzene	16.52	284	1637	0.387	ng		96
22) Pentachlorophenol	16.89	266	252	0.440	ng		91
23) Phenanthrene	17.26	178	7276	0.390	ng		99
24) Anthracene	17.35	178	5878	0.369	ng		99
26) Fluoranthene	19.28	202	9848	0.374	ng		100
28) Pyrene	19.64	202	10262	0.410	ng		99
30) Benzo(a)anthracene	21.38	228	10015	0.392	ng		97
31) Chrysene	21.44	228	11199	0.410	ng		100
32) Bis(2-ethylhexyl)phthalate	21.31	149	18411	0.339	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	12130	0.420	ng		98
35) Benzo(b)fluoranthene	23.19	252	11398	0.420	ng		99
36) Benzo(k)fluoranthene	23.19	252	11404	0.401	ng		98
37) Benzo(a)pyrene	23.79	252	10085	0.388	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	9763	0.397	ng		96
39) Benzo(g,h,i)perylene	27.35	276	9968	0.387	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030719\
Data File : BE098812.D
Acq On : 7 Mar 2019 10:09
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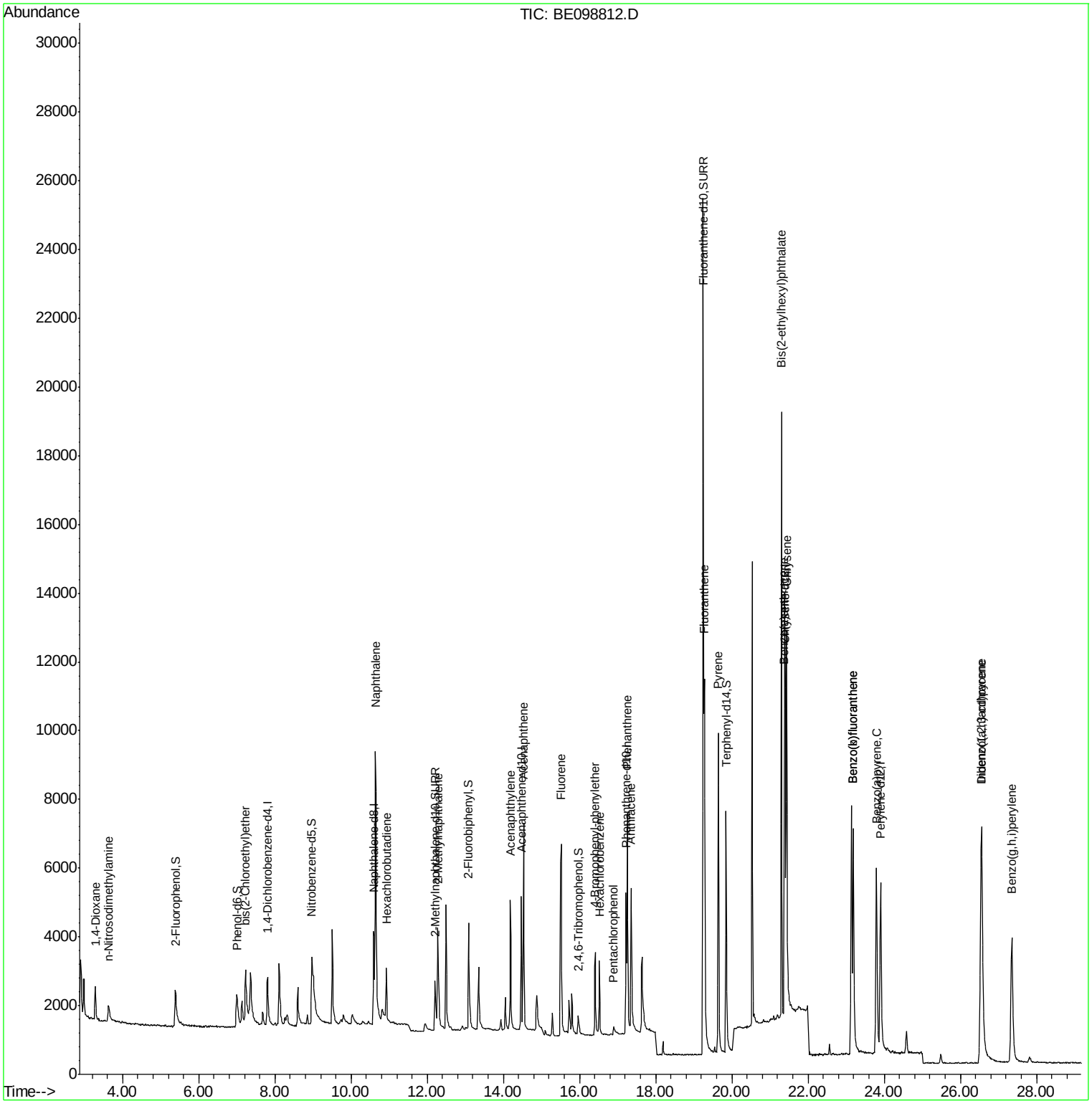
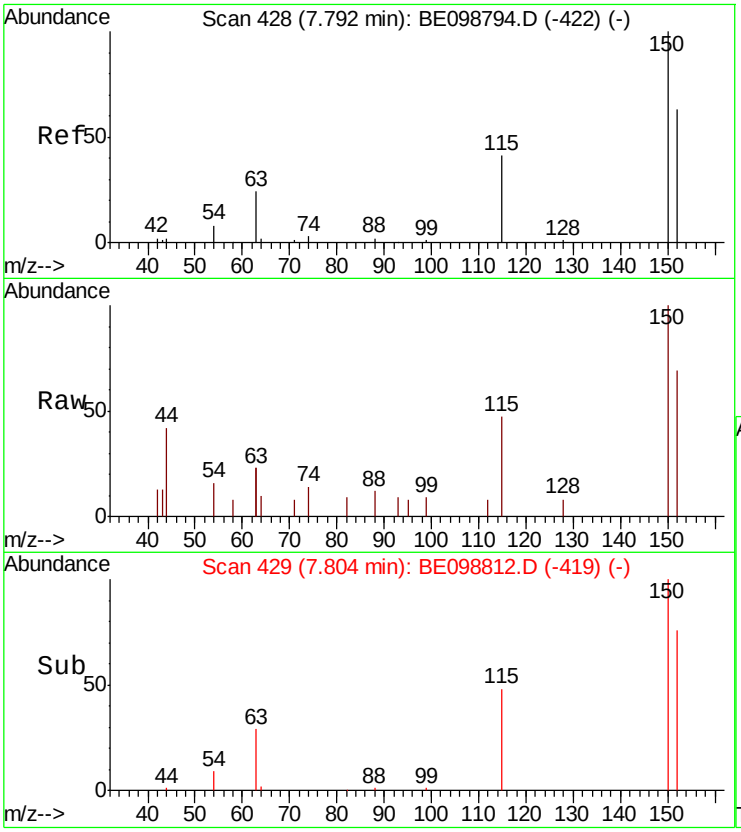
Sample : PB117507BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 12:50:25 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



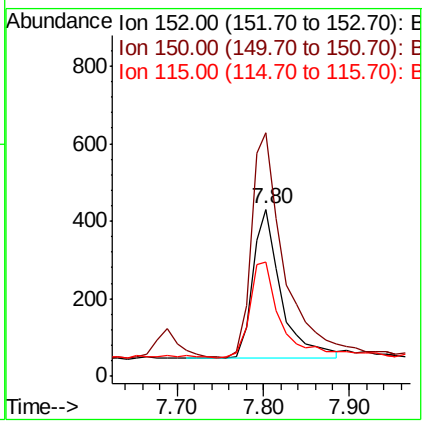


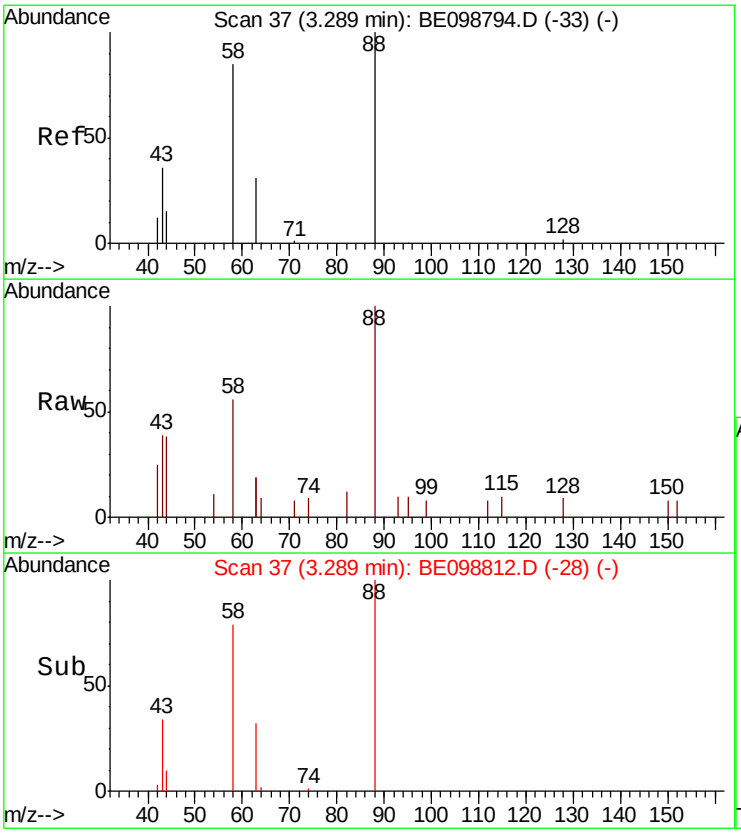
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 875

Ion	Ratio	Lower	Upper
152	100		
150	145.7	122.5	183.7
115	68.7	57.4	86.2

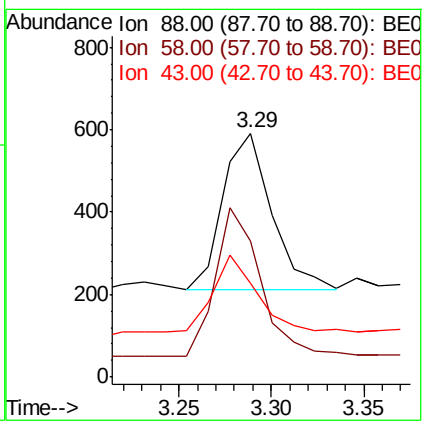


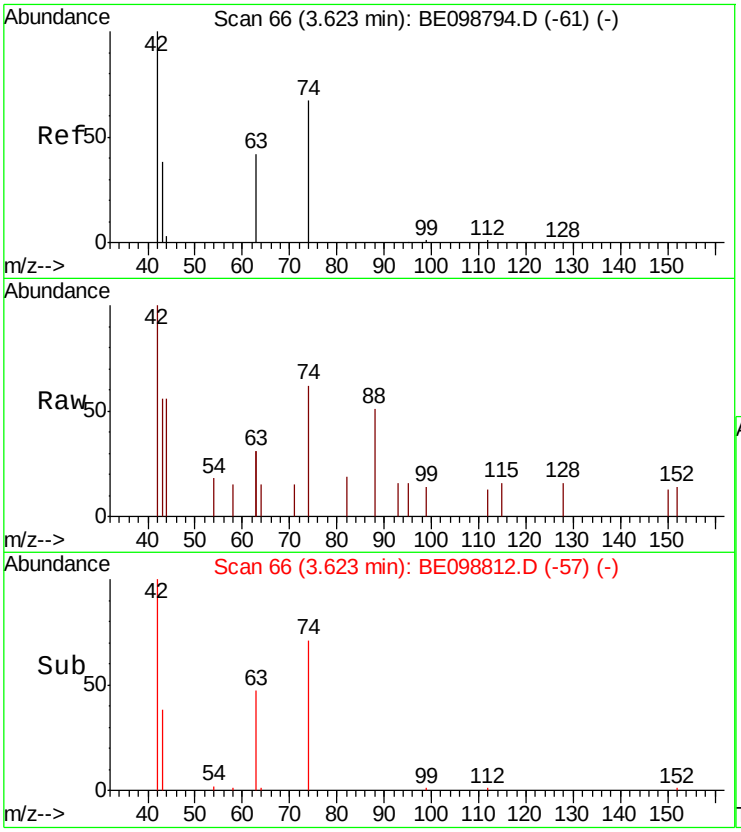


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion: 88 Resp: 694

Ion	Ratio	Lower	Upper
88	100		
58	88.8	75.8	113.6
43	46.0	41.8	62.8



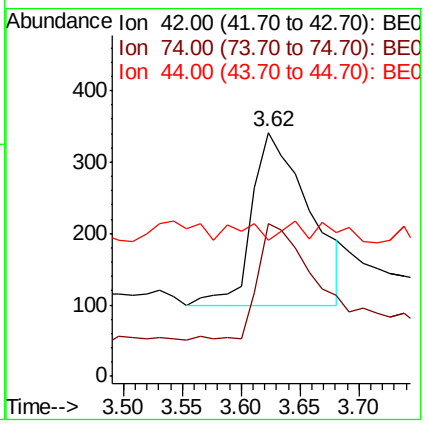


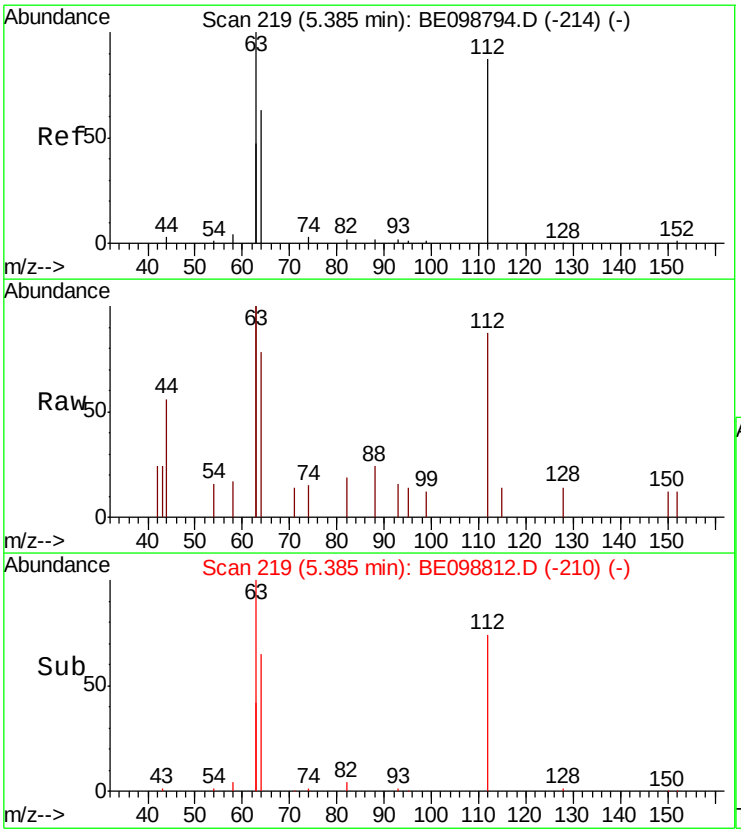
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 828

Ion	Ratio	Lower	Upper
42	100		
74	61.5	57.0	85.4
44	5.0	0.0	0.0#

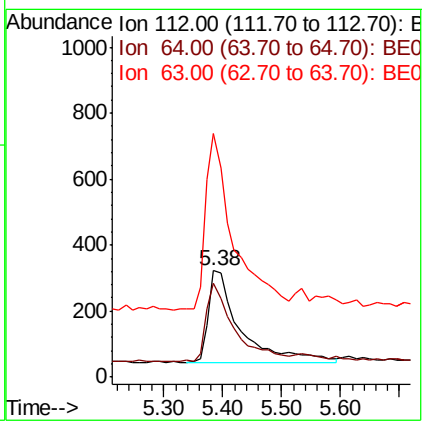


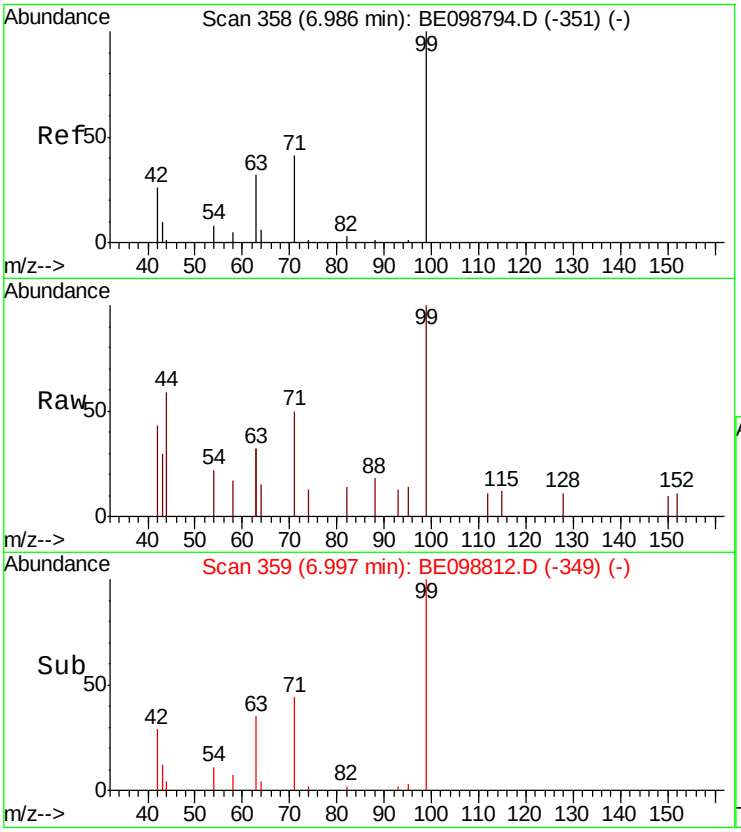


#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.38 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:112 Resp: 1074

Ion	Ratio	Lower	Upper
112	100		
64	75.1	57.9	86.9
63	164.6	158.3	237.5



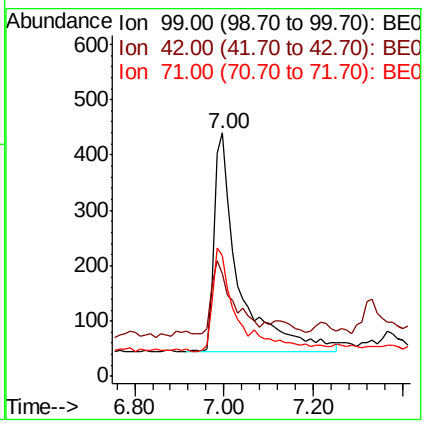


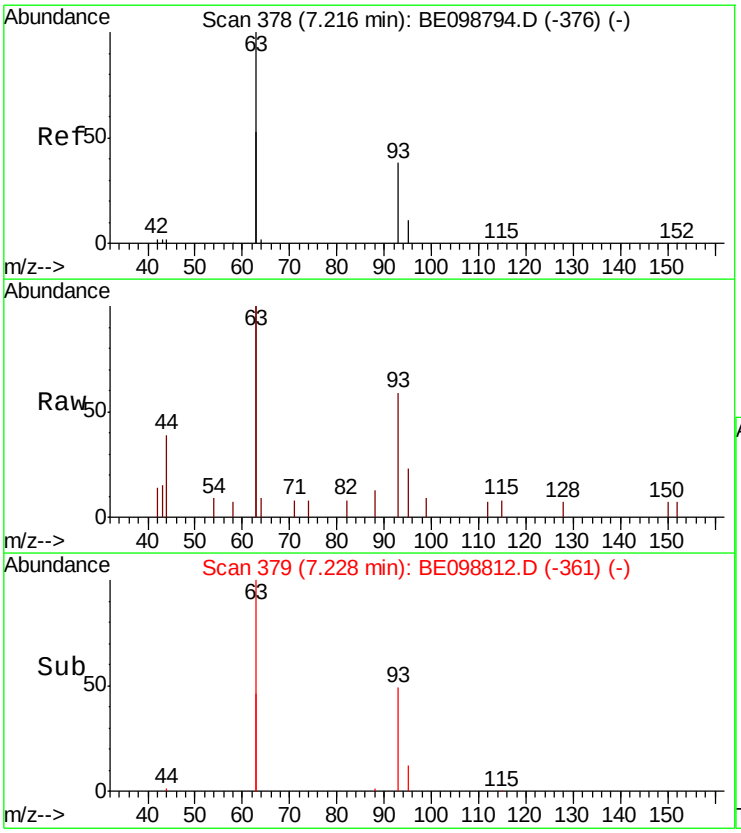
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1504

Ion	Ratio	Lower	Upper
99	100		
42	28.5	24.2	36.2
71	47.1	35.7	53.5

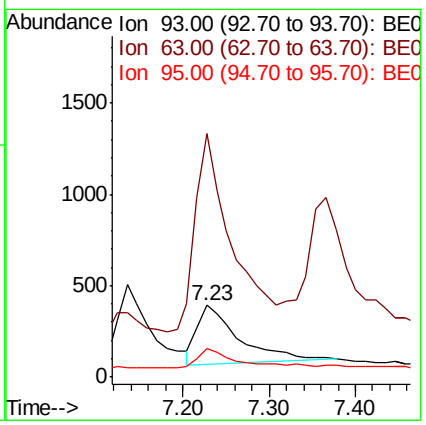


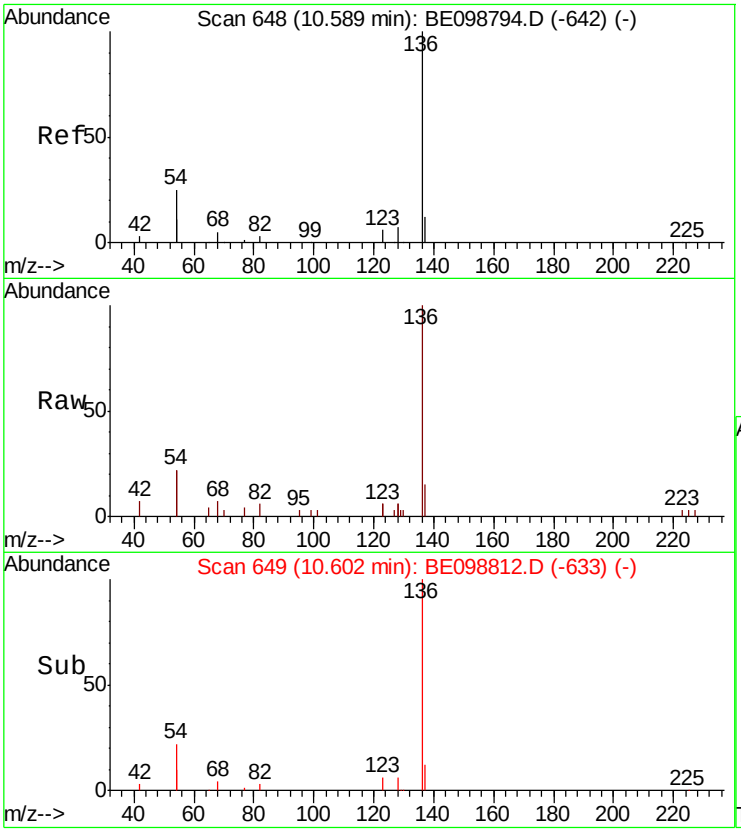


#6
bis(2-Chloroethyl)ether
Concen: 0.378 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion: 93 Resp: 1077

Ion	Ratio	Lower	Upper
93	100		
63	295.9	247.5	371.3
95	33.7	21.8	32.8#



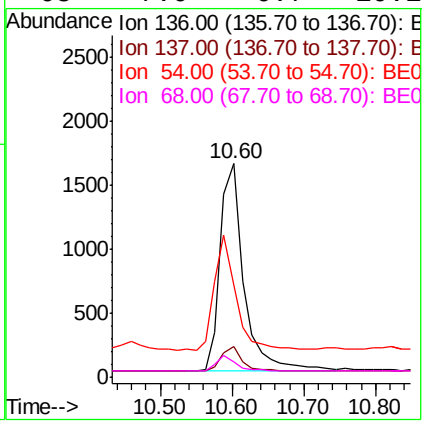


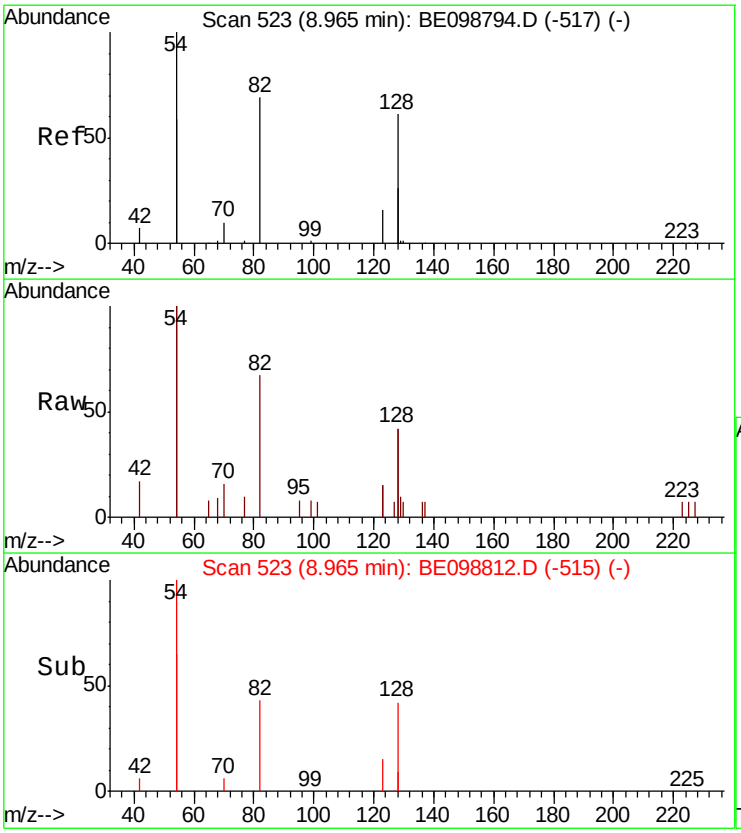
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3764

Ion	Ratio	Lower	Upper
136	100		
137	14.7	11.4	17.0
54	43.1	39.3	58.9
68	7.0	6.7	10.1

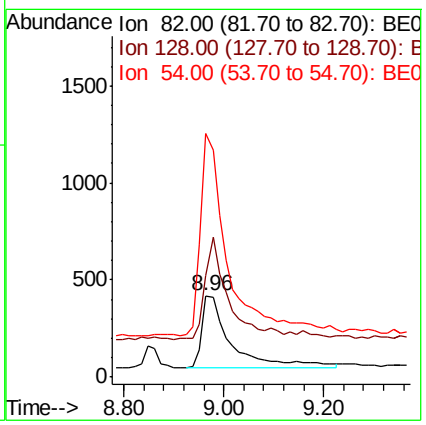


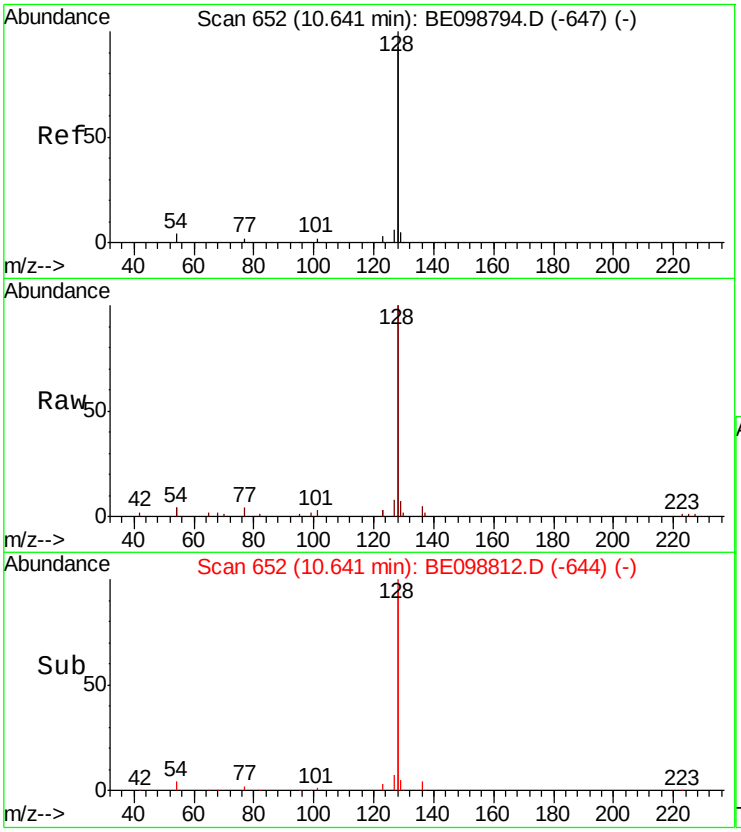


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion: 82 Resp: 1463

Ion	Ratio	Lower	Upper
82	100		
128	124.9	123.8	185.8
54	300.0	203.4	305.2



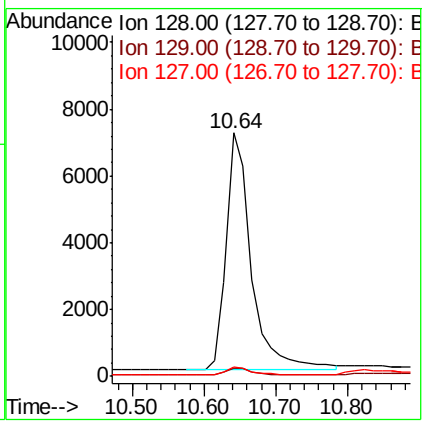


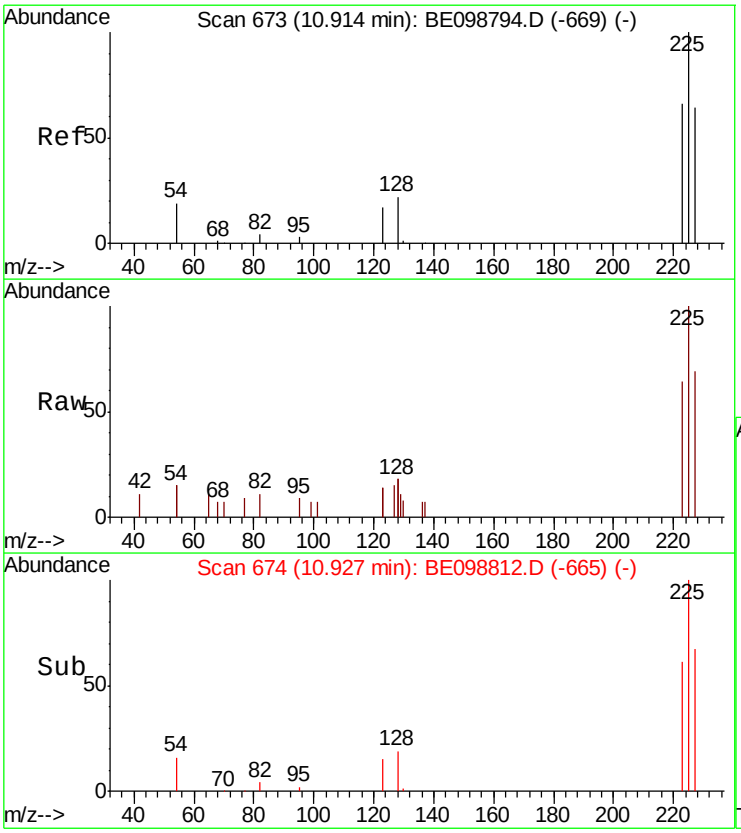
#9
Naphthalene
Concen: 0.403 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17364

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	4.1	3.1	4.7

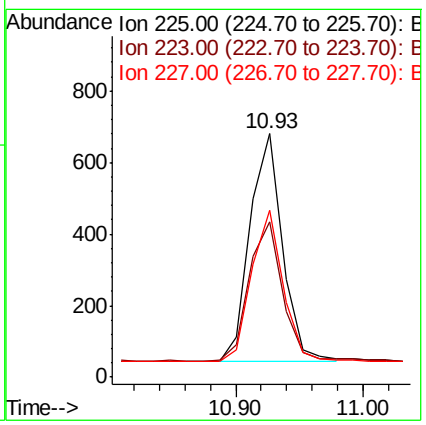


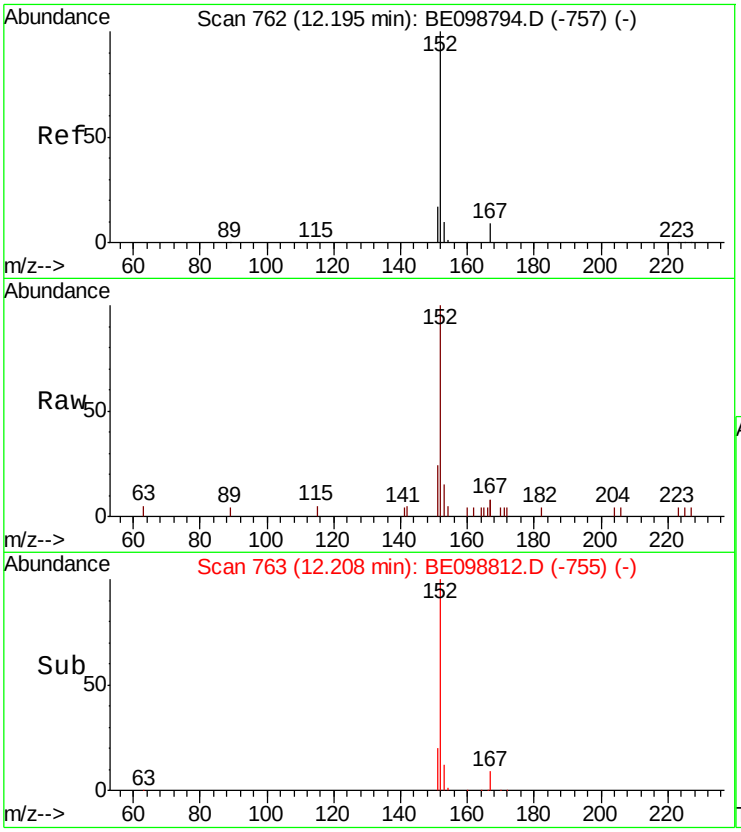


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:225 Resp: 1133

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.1	76.7
227	64.2	51.6	77.4



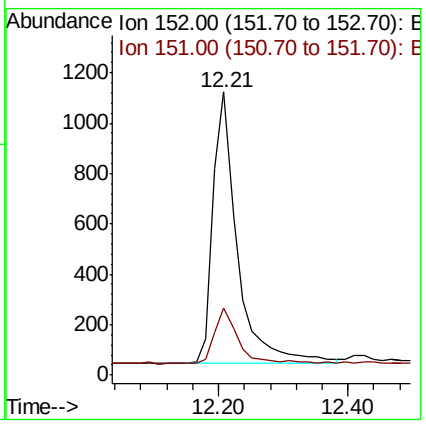


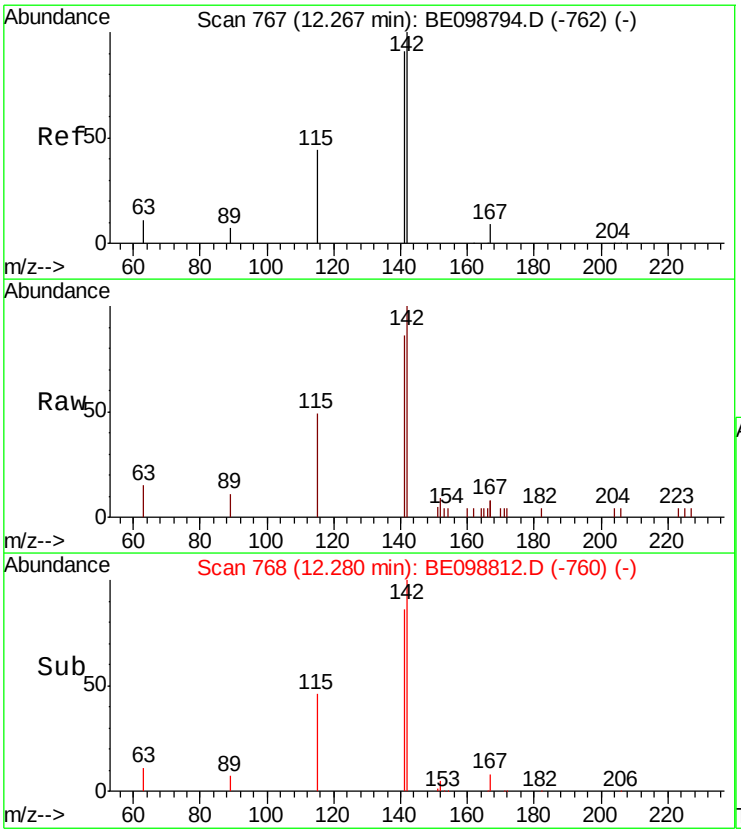
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2804

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7

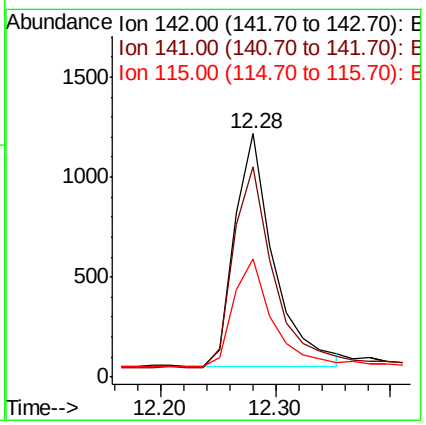


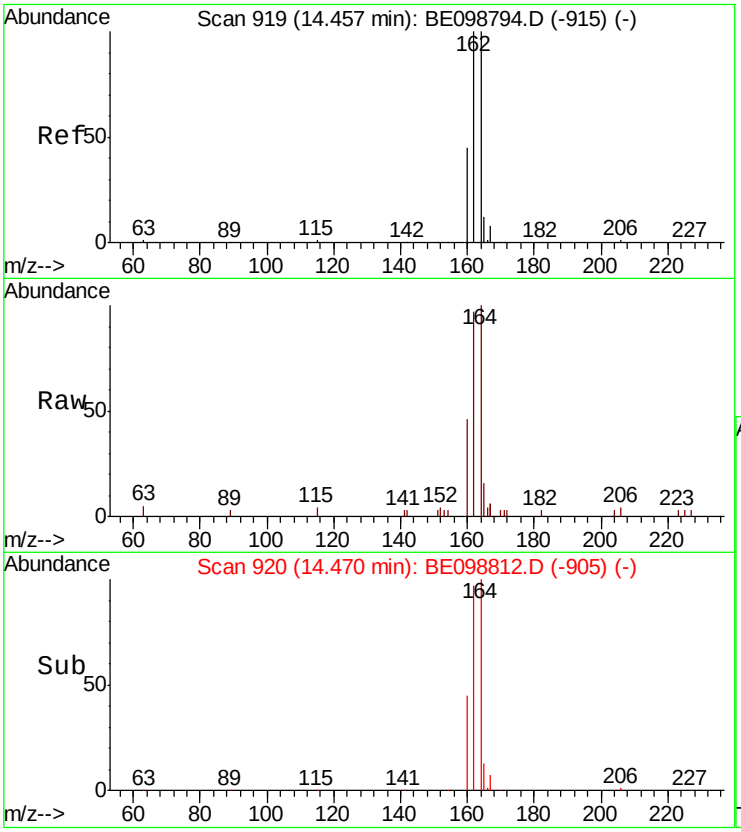


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:142 Resp: 2732

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.6	108.8
115	48.7	37.4	56.2



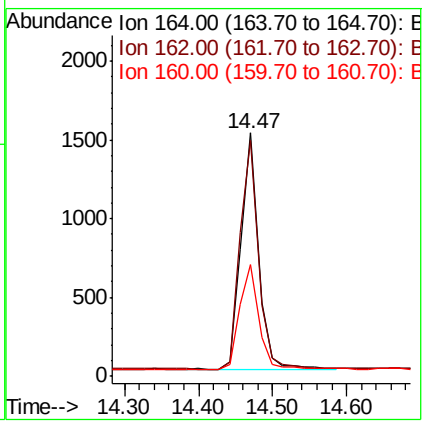


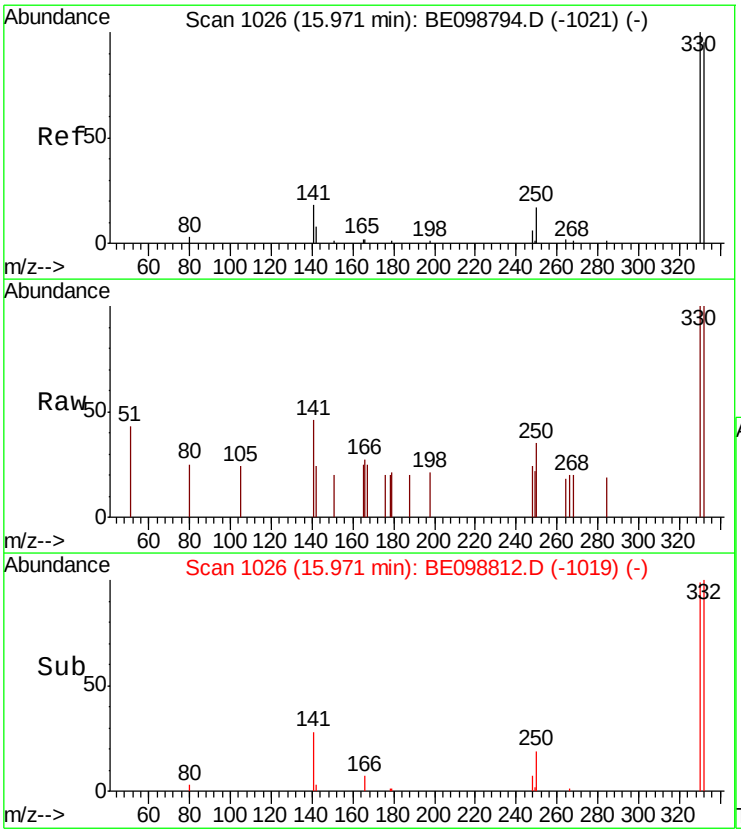
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2493

Ion	Ratio	Lower	Upper
164	100		
162	97.0	80.2	120.2
160	46.2	37.8	56.8

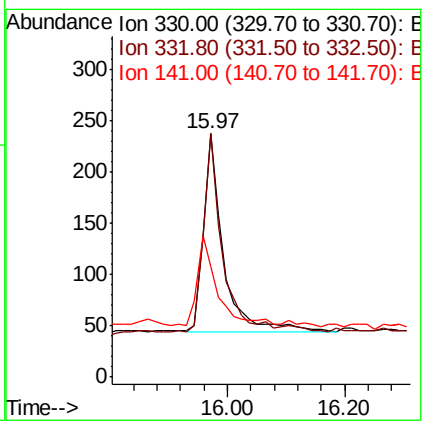


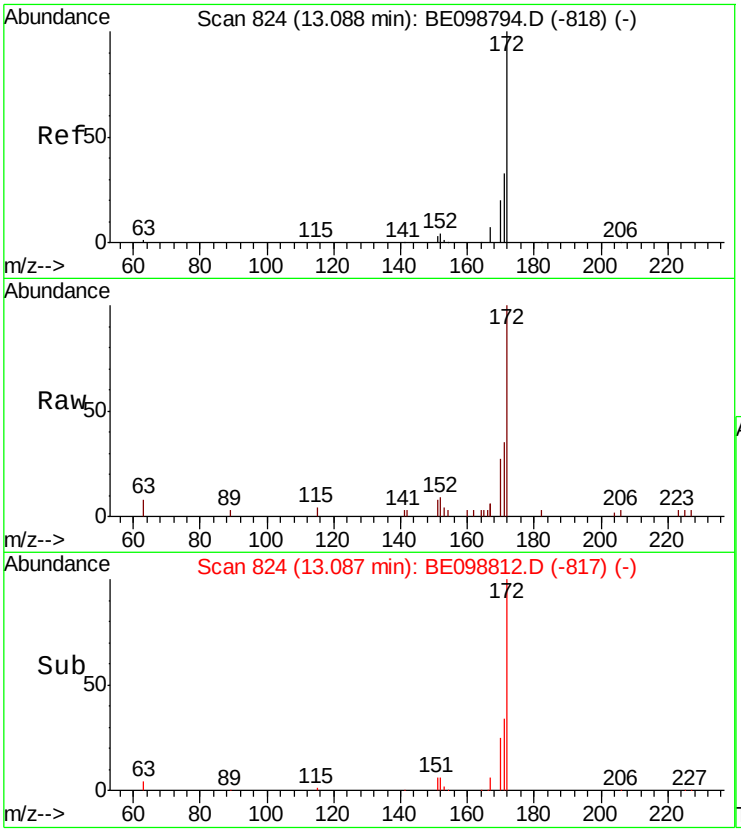


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.6	116.4
141	44.2	31.0	46.4



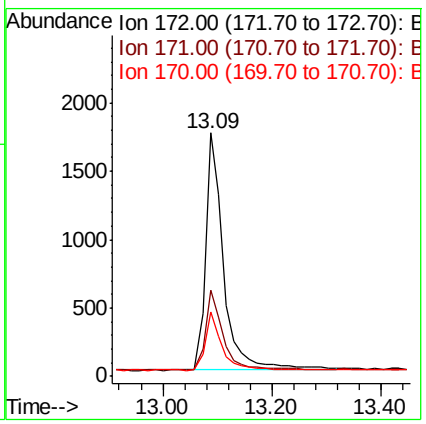


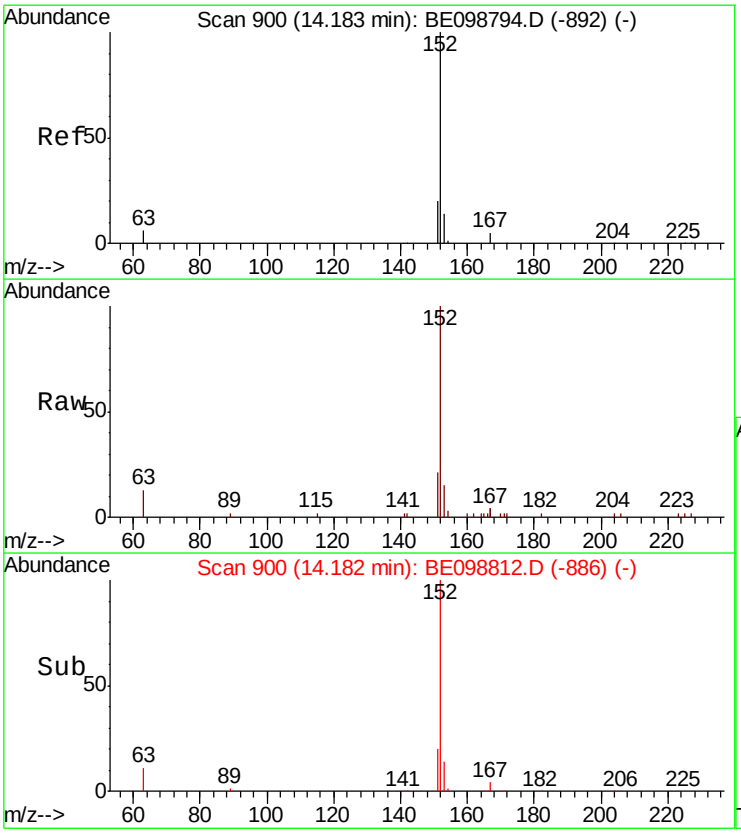
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4013

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	26.6	17.7	26.5#

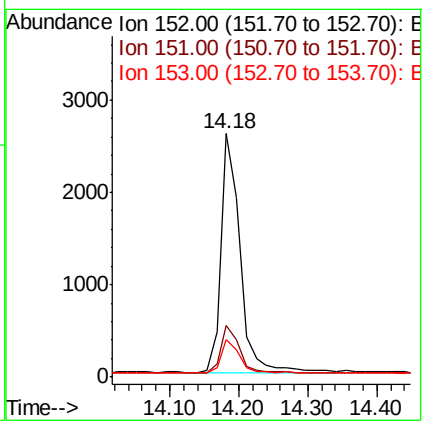


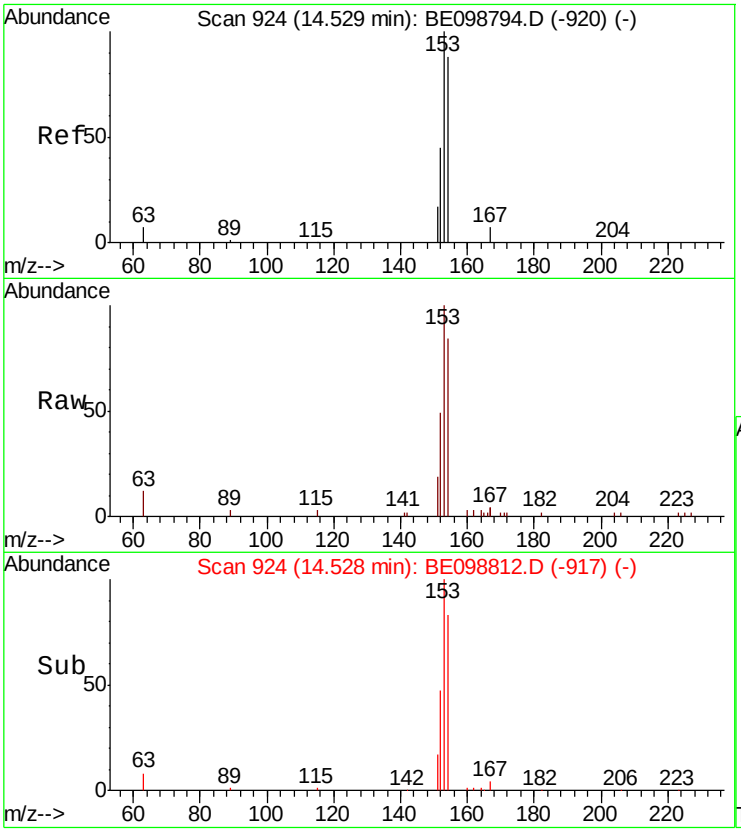


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:152 Resp: 4952

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	13.8	11.2	16.8



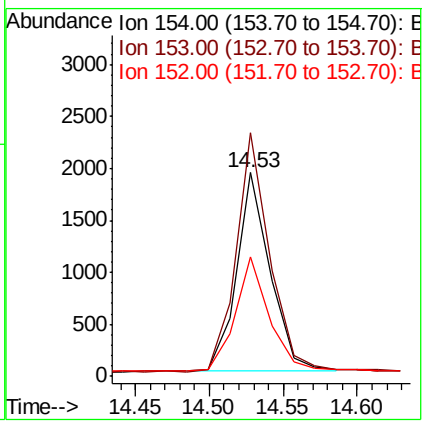


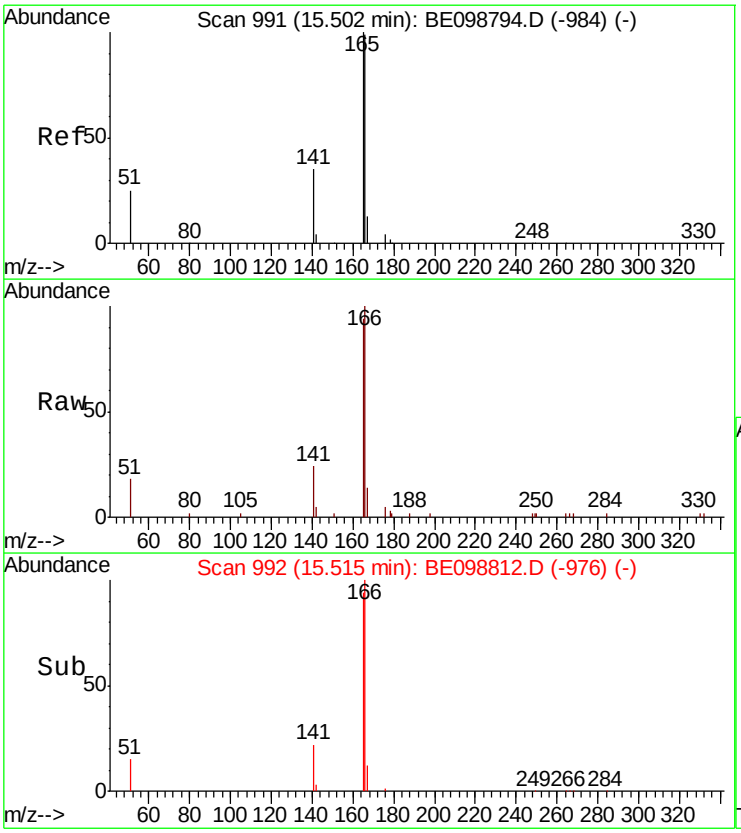
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3020

Ion	Ratio	Lower	Upper
154	100		
153	119.2	94.2	141.4
152	57.5	45.0	67.4

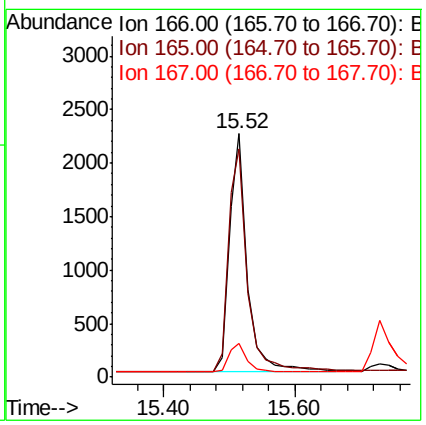


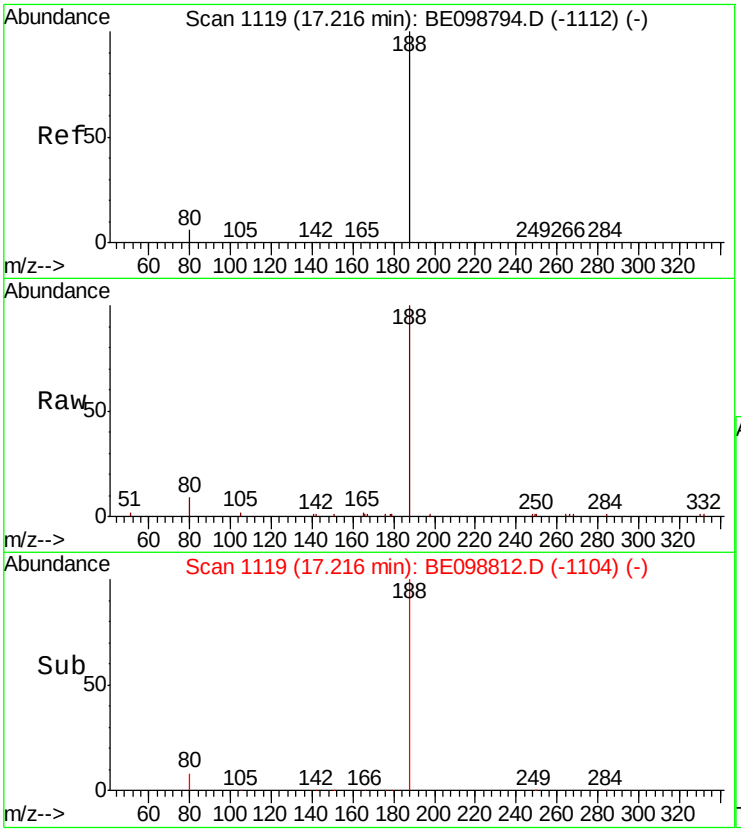


#18
Fluorene
Concen: 0.390 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:166 Resp: 4283

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.3	118.9
167	12.8	10.5	15.7



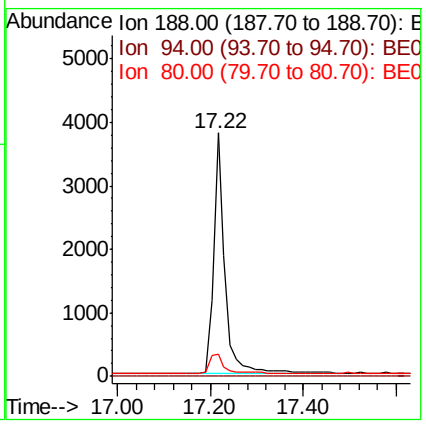


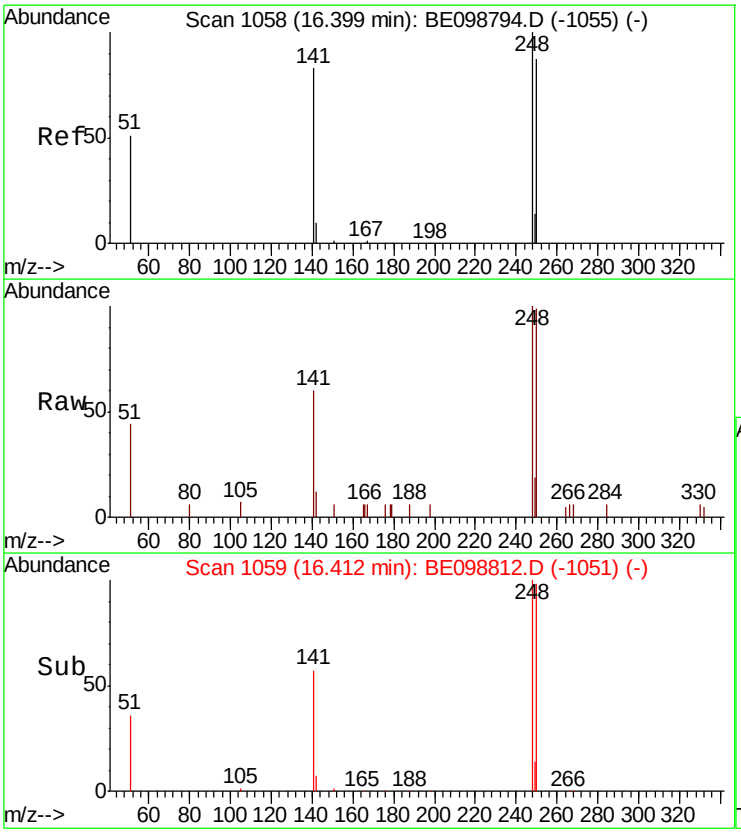
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	6.3	9.5

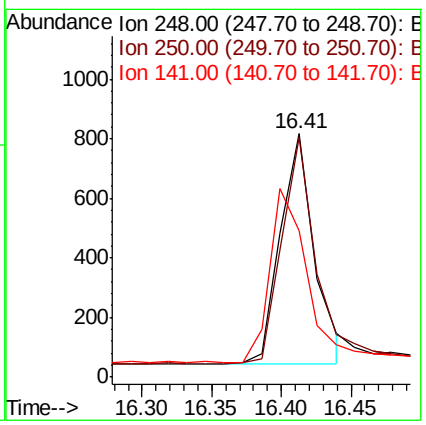


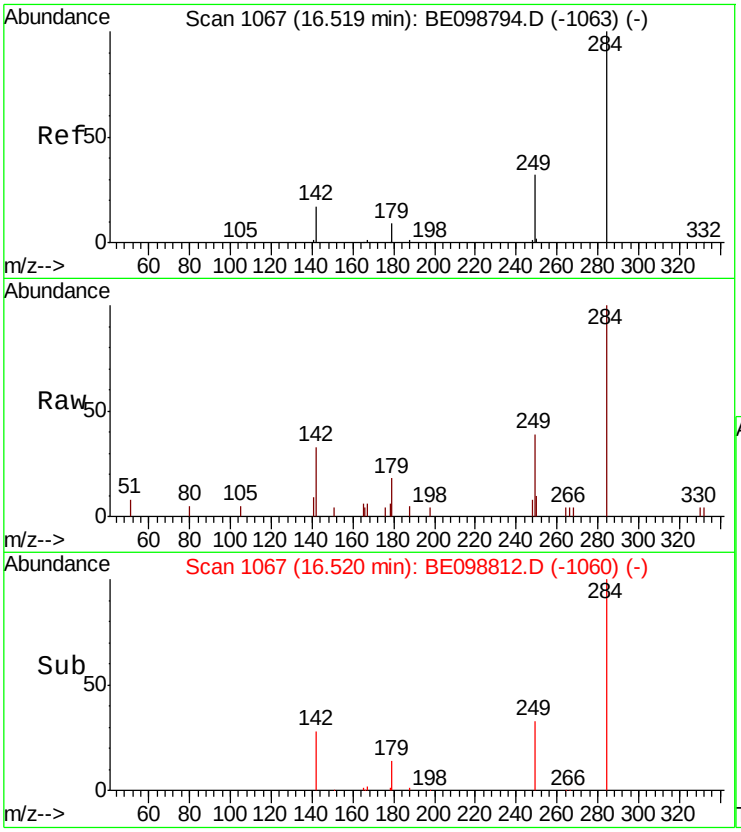


#20
4-Bromophenyl-phenylether
Concen: 0.370 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:248 Resp: 1316

Ion	Ratio	Lower	Upper
248	100		
250	98.5	70.6	105.8
141	60.1	68.6	102.8#



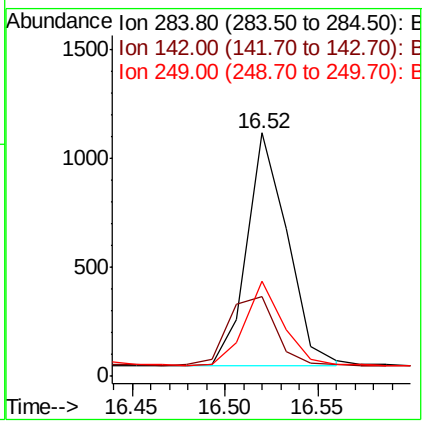


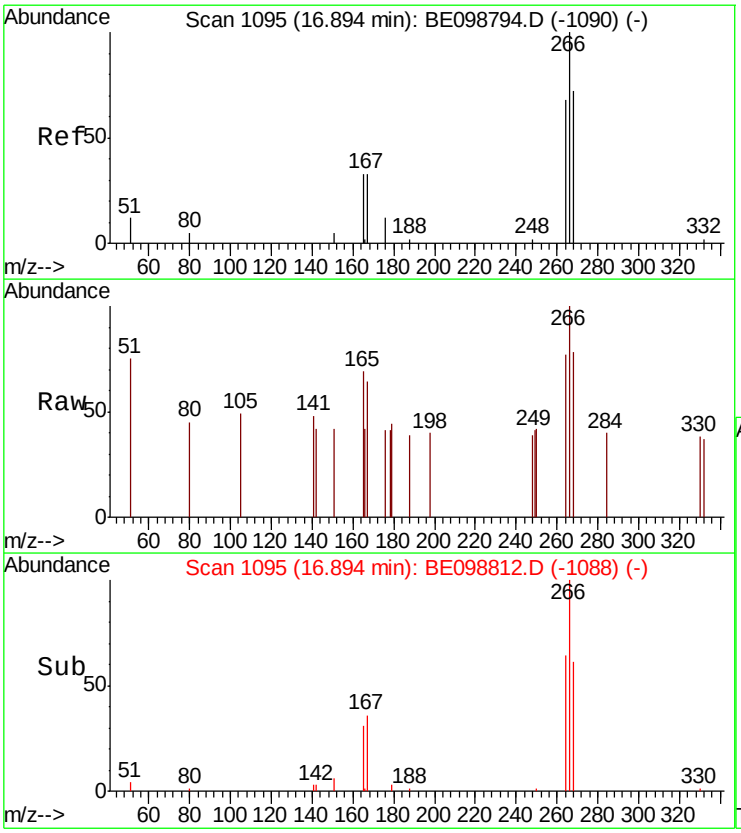
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1637

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.7	43.1
249	33.7	29.6	44.4

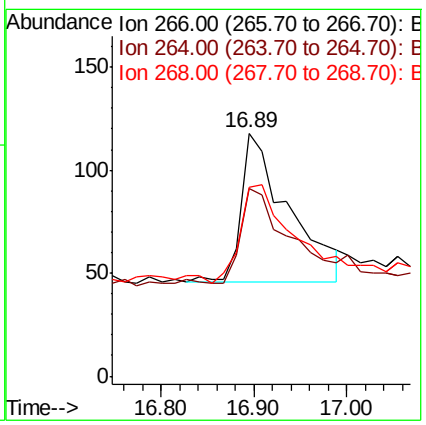


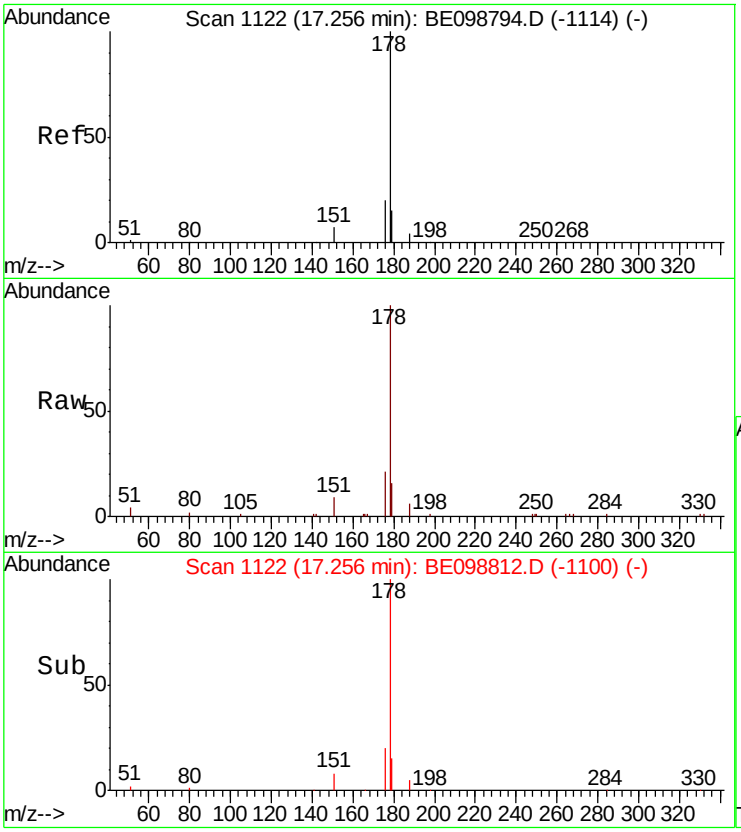


#22
Pentachlorophenol
Concen: 0.440 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:266 Resp: 252

Ion	Ratio	Lower	Upper
266	100		
264	77.1	66.6	100.0
268	78.0	69.8	104.8



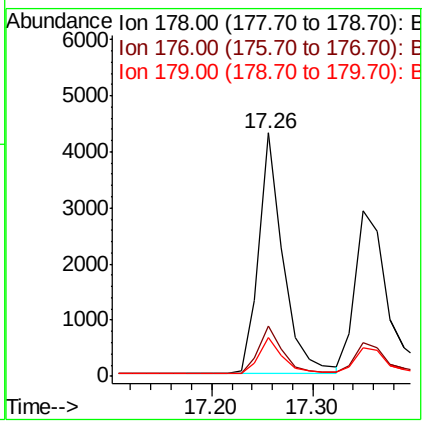


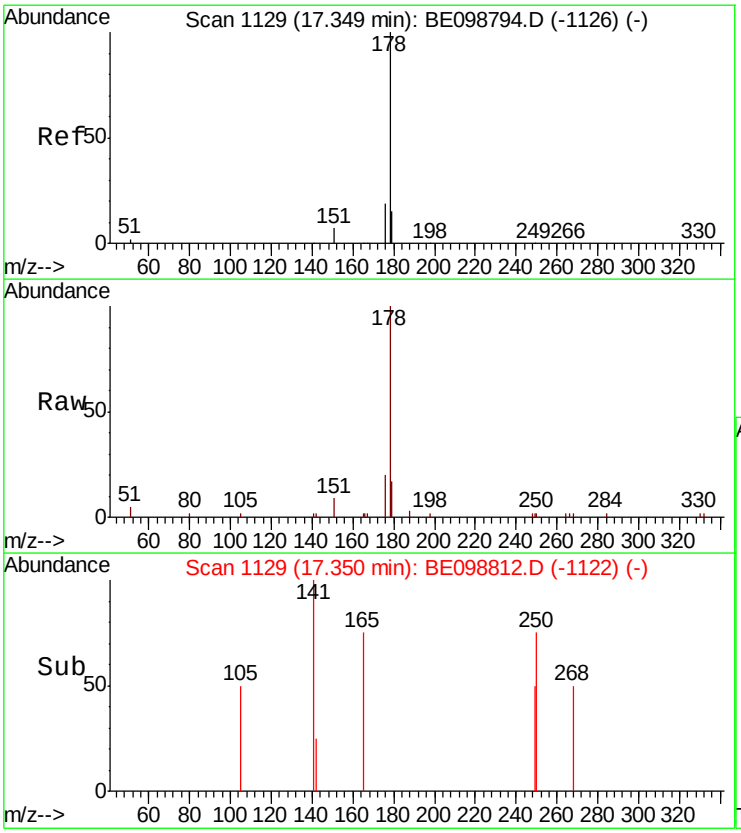
#23
Phenanthrene
Concen: 0.390 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7276

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	14.6	12.1	18.1

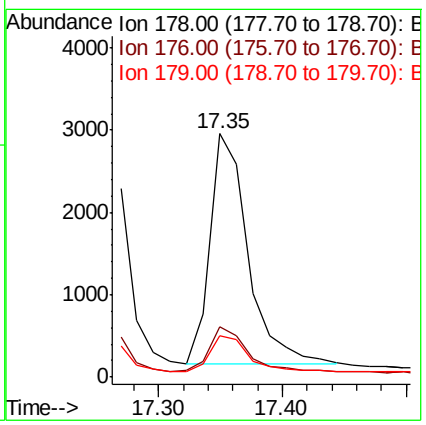


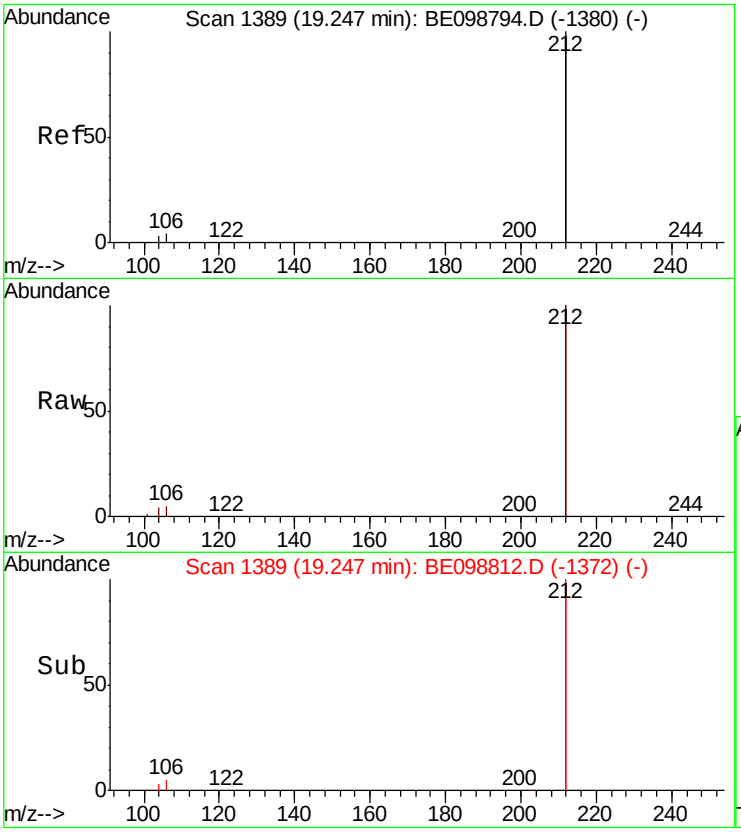


#24
Anthracene
Concen: 0.369 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:178 Resp: 5878

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.2	18.4



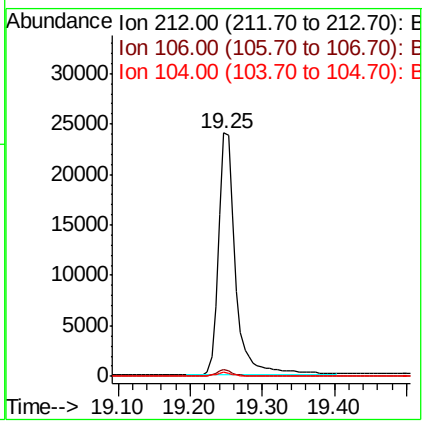


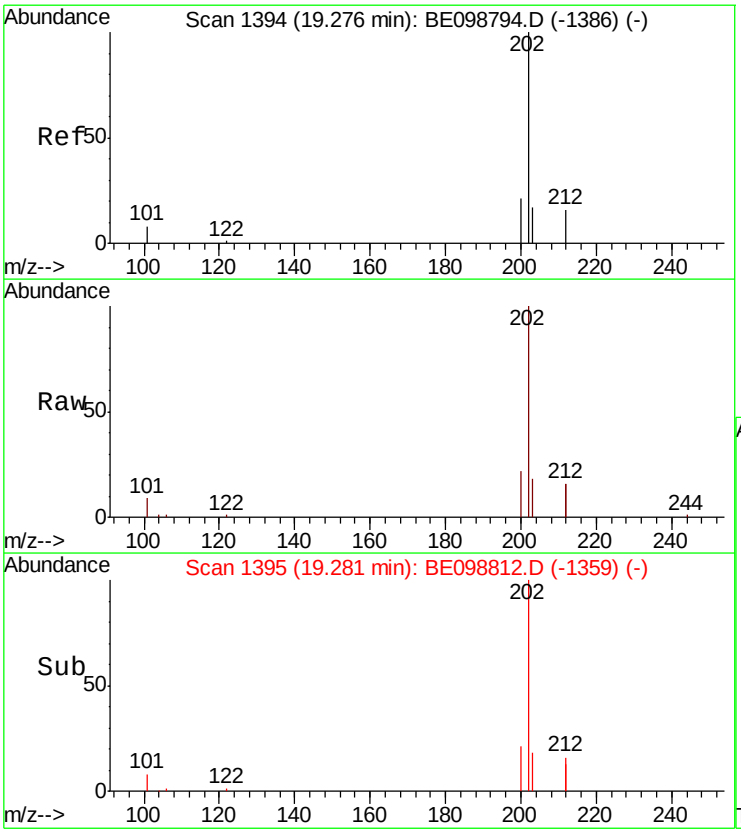
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38795

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

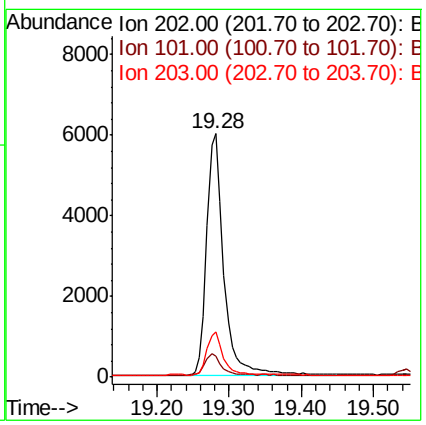


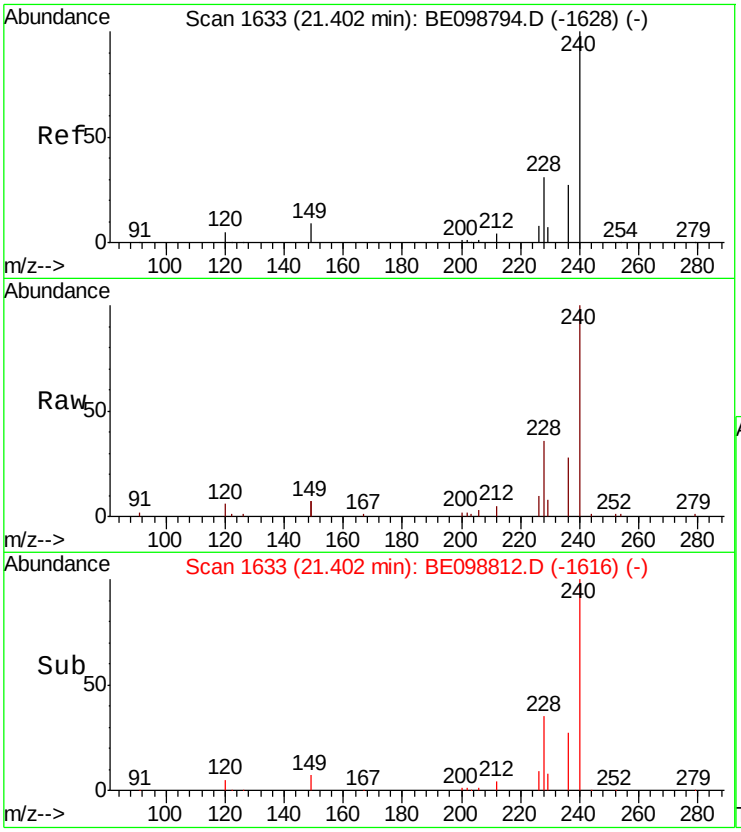


#26
Fluoranthene
Concen: 0.374 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:202 Resp: 9848

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.3	10.9
203	16.9	13.4	20.2



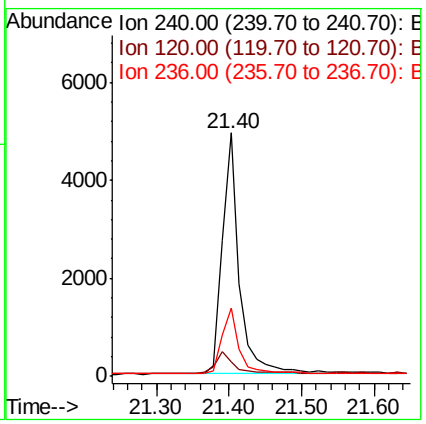


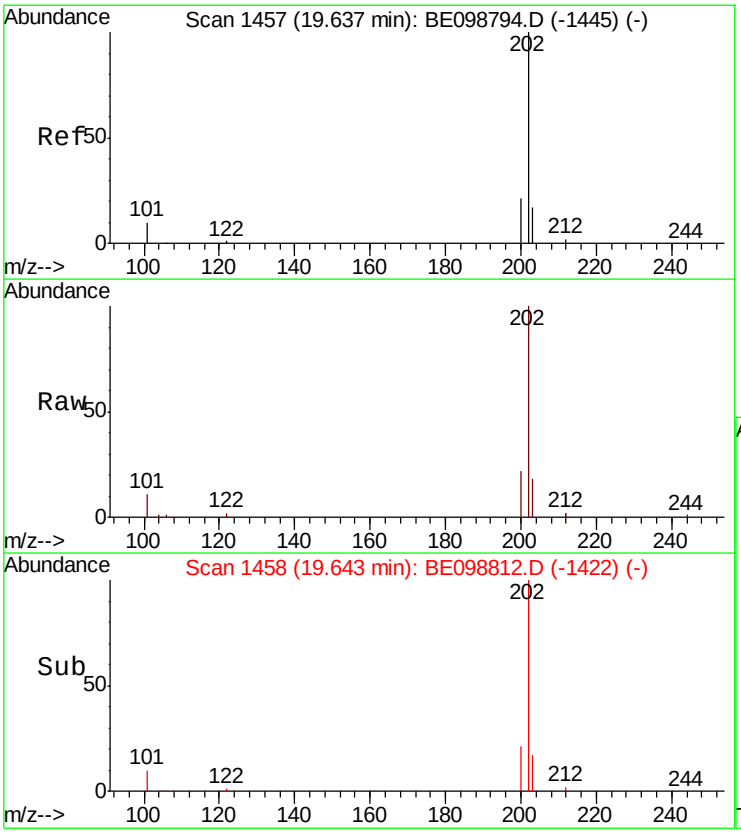
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8189

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	28.0	22.7	34.1

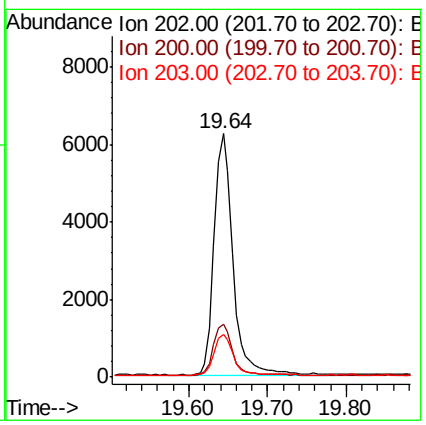


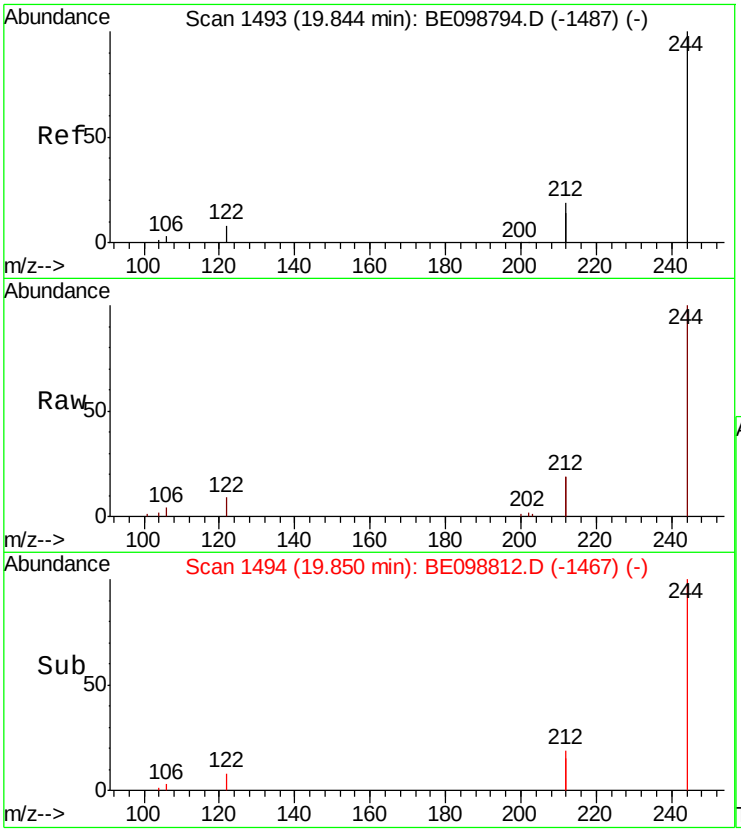


#28
Pyrene
Concen: 0.410 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:202 Resp: 10262

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	17.0	14.2	21.2



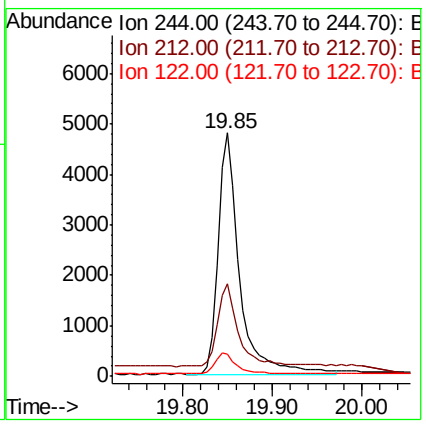


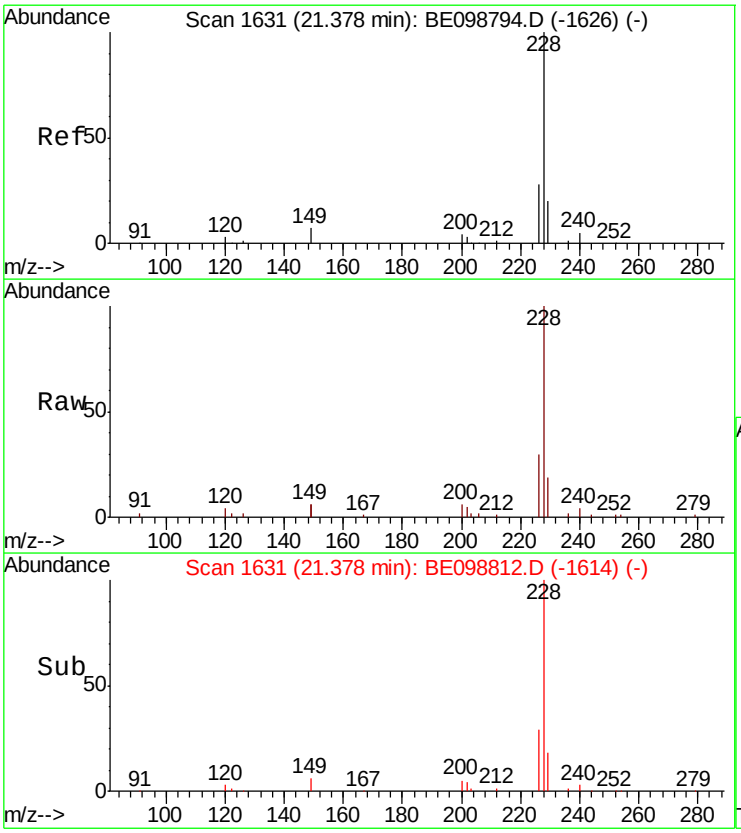
#29
Terphenyl-d14
Concen: 0.396 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7877

Ion	Ratio	Lower	Upper
244	100		
212	38.0	29.4	44.2
122	9.1	7.1	10.7

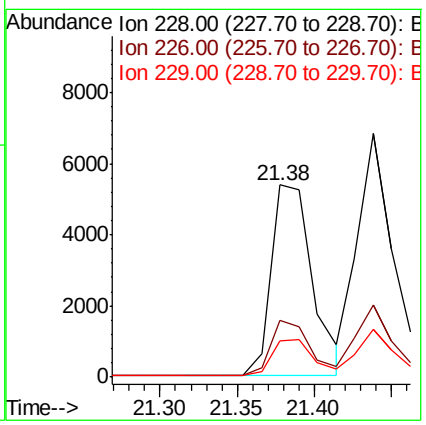


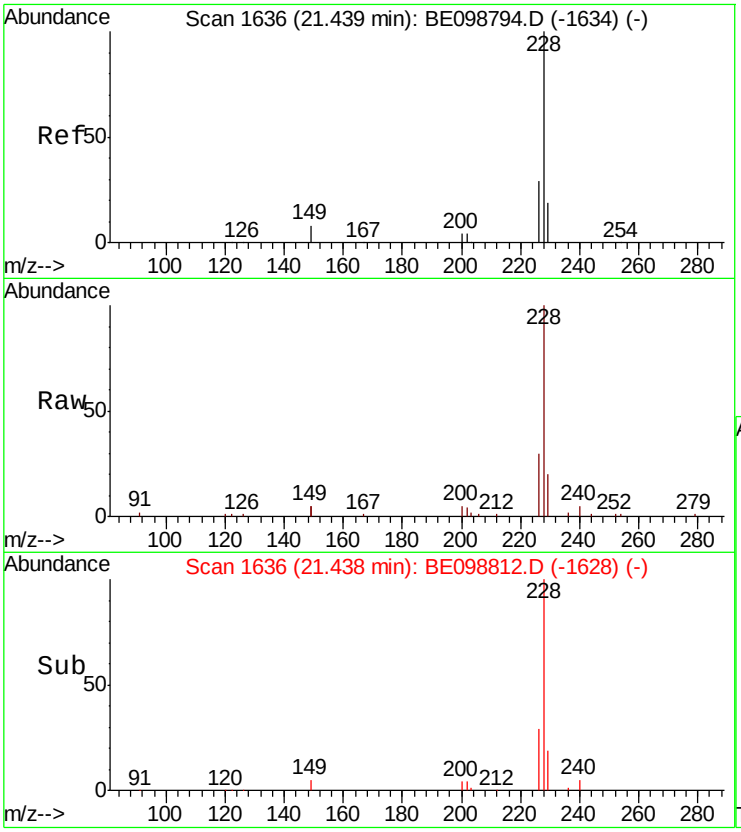


#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:228 Resp: 10015

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	19.0	16.5	24.7



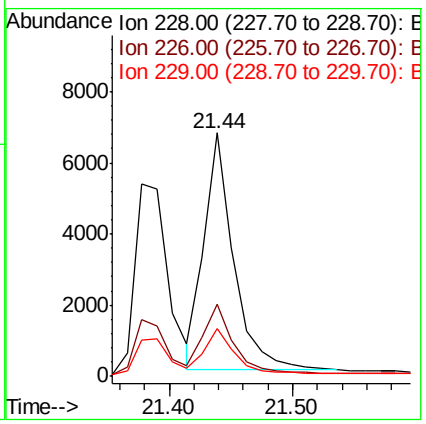


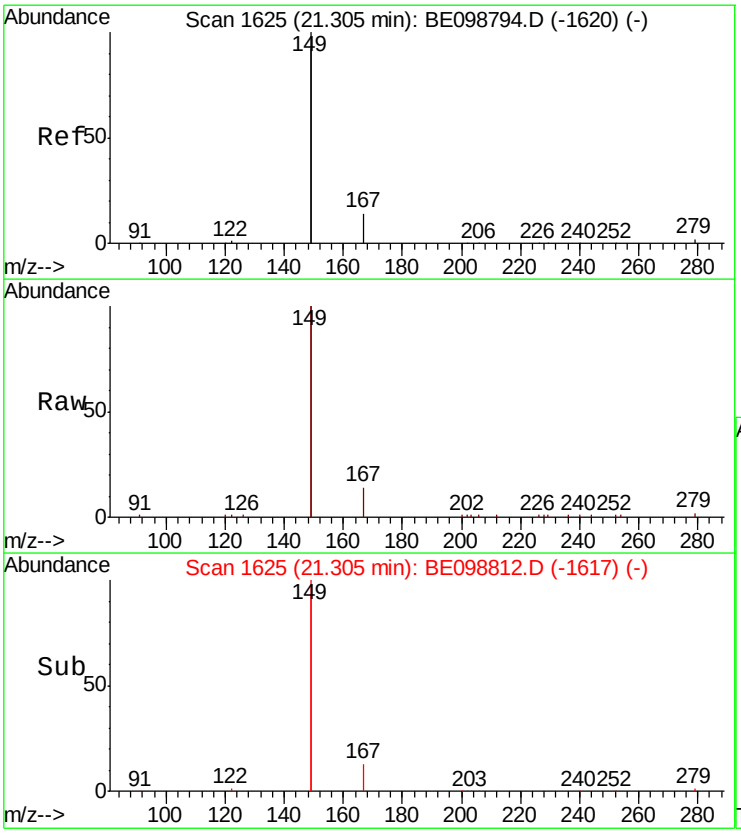
#31
Chrysene
Concen: 0.410 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 11199

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.8	16.1	24.1

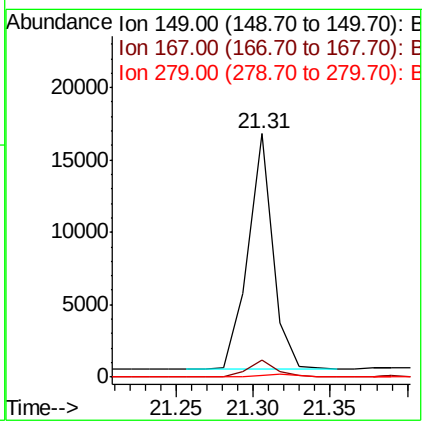


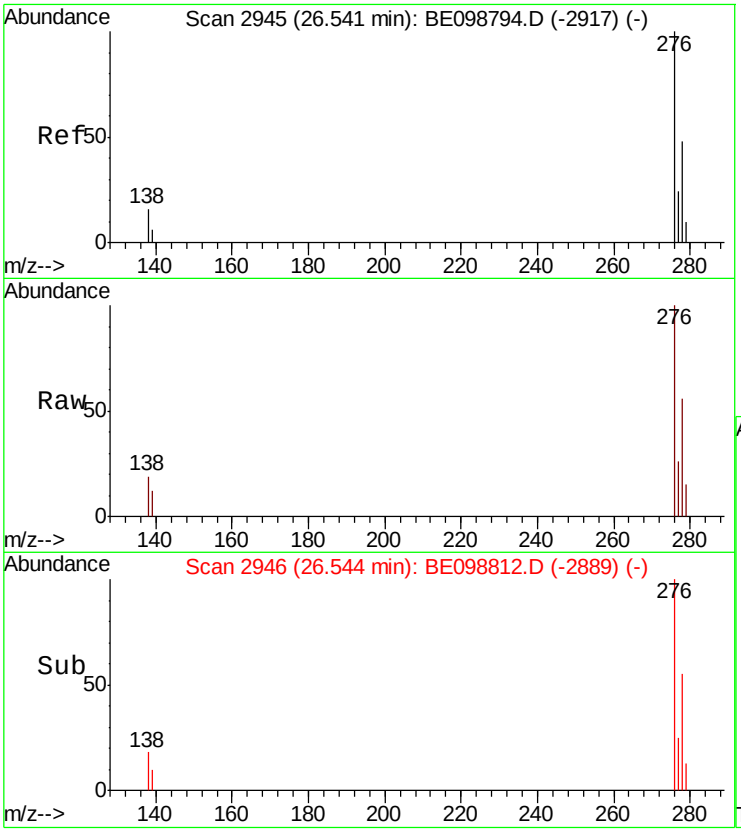


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.339 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:149 Resp: 18411

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.1	1.0	1.4



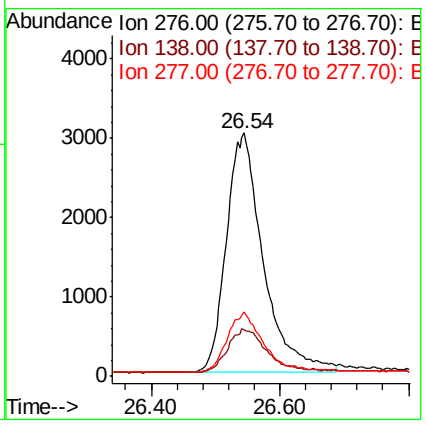


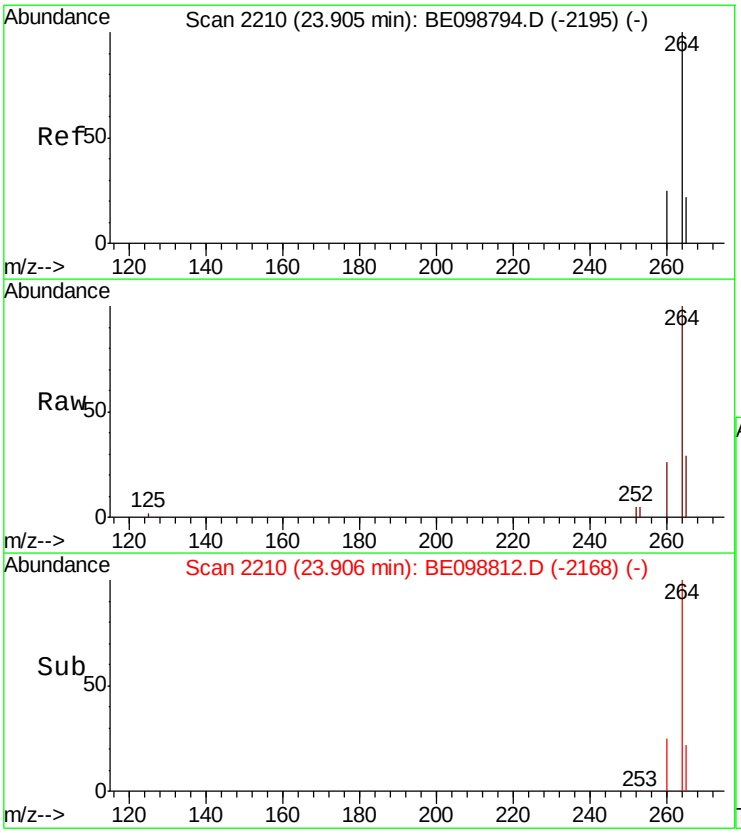
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 12130

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.8	20.8
277	25.0	19.5	29.3

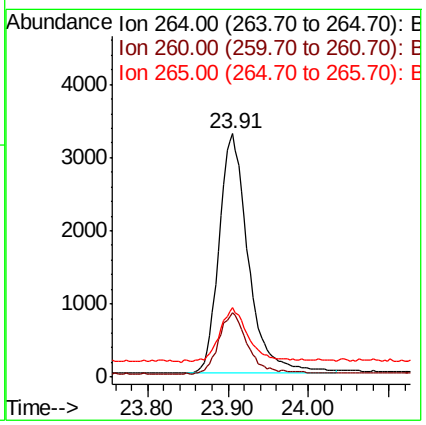


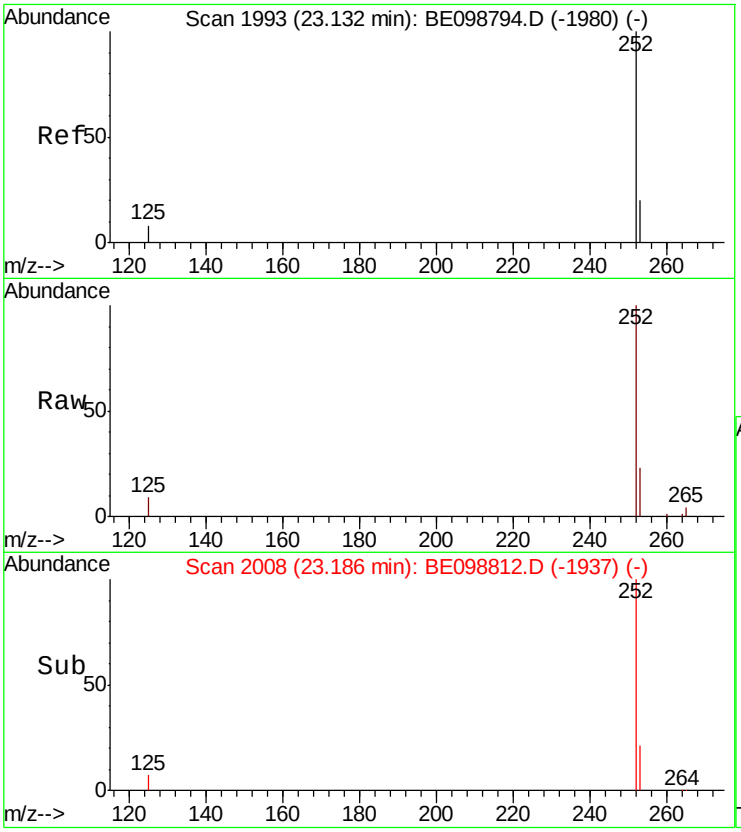


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:264 Resp: 8255

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.2	31.8
265	28.6	24.6	36.8



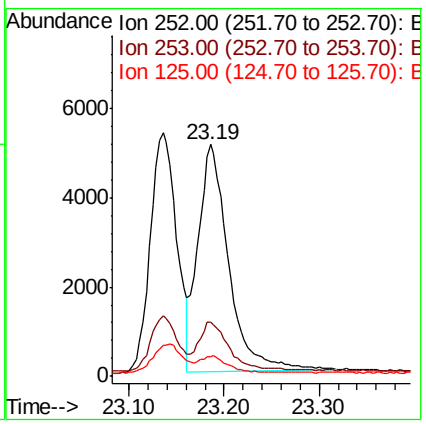


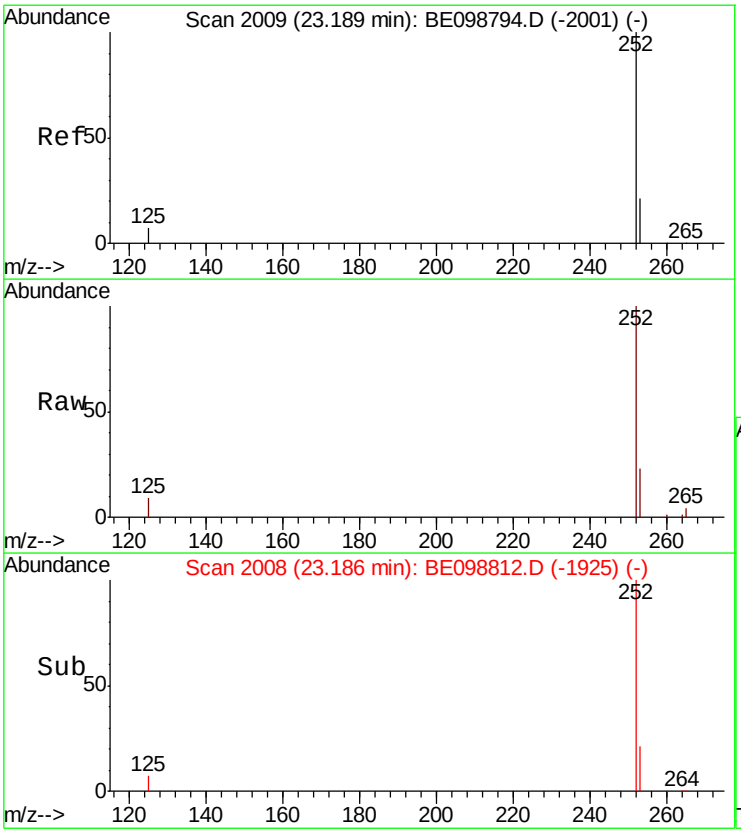
#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11398

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.7	7.3	10.9

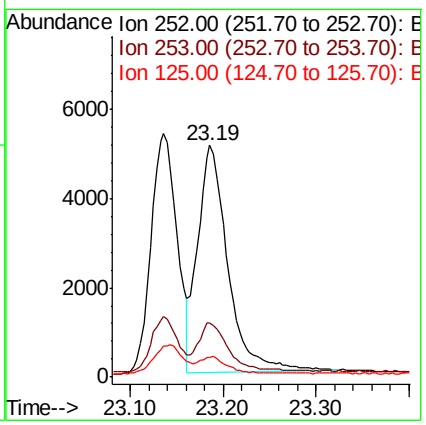


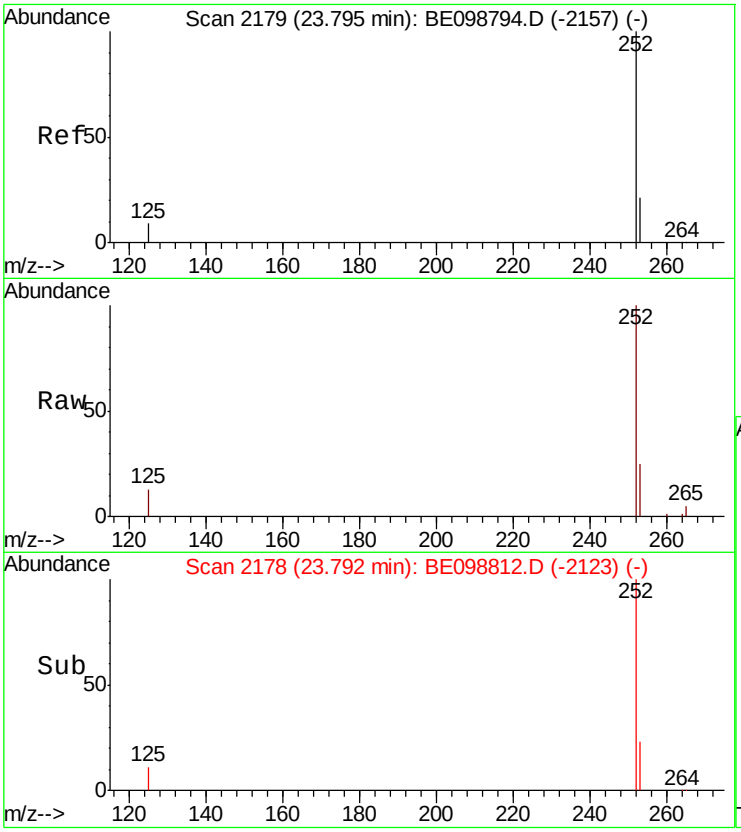


#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:252 Resp: 11404

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	8.7	7.5	11.3



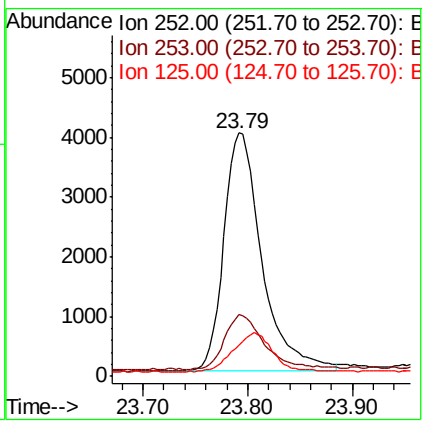


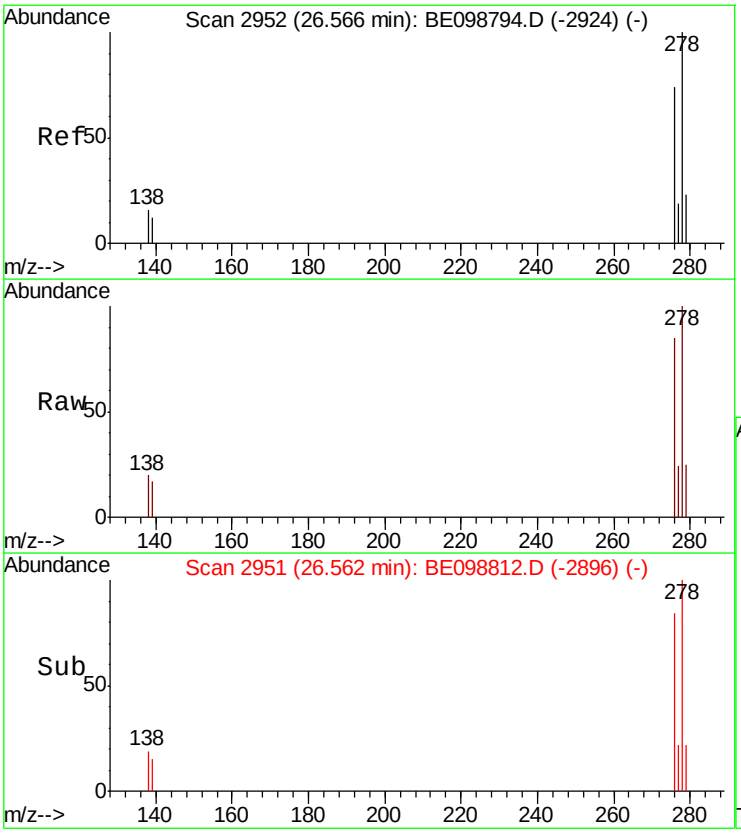
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 10085

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	12.6	9.0	13.4

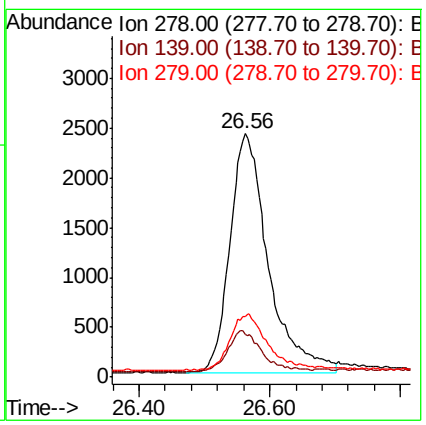


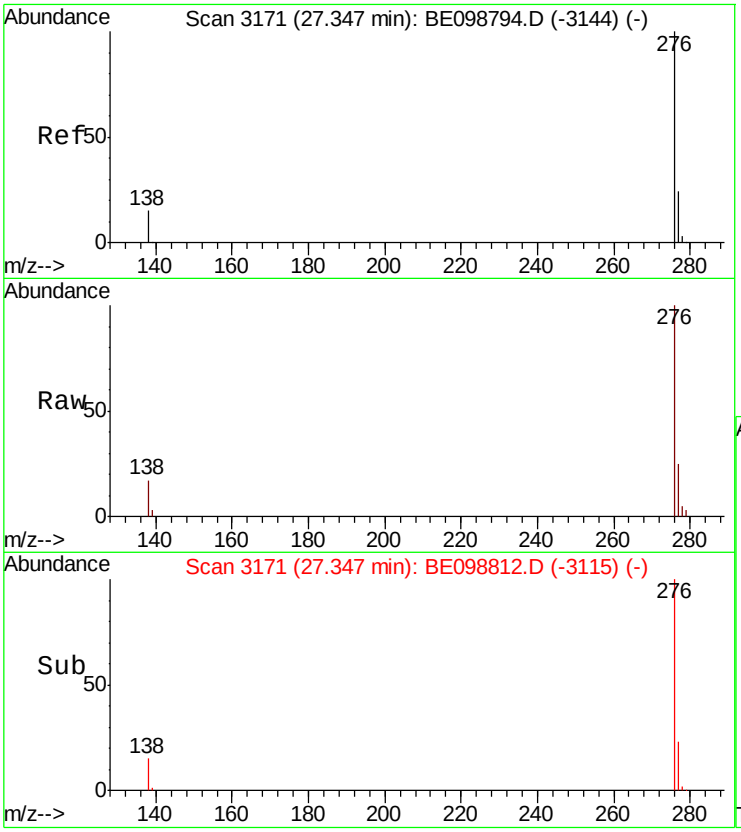


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Tgt Ion:278 Resp: 9763

Ion	Ratio	Lower	Upper
278	100		
139	17.3	11.8	17.6
279	25.0	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.387 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BE098812.D
Acq: 7 Mar 2019 10:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9968

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.4	30.6
138	16.6	13.6	20.4