Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
Data File : BE098972.D
Acq On : 15 Mar 2019 14:16
Operator : JU/SJ
Sample : PB117917BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 15 14:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	697	0.40	ng		0.01
7) Naphthalene-d8	10.60	136	3211	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	2137	0.40	ng		0.01
19) Phenanthrene-d10	17.22	188	5855	0.40	ng		0.00
27) Chrysene-d12	21.40	240	6959	0.40	ng		0.00
34) Perylene-d12	23.91	264	6574	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	274	0.13	ng		0.03
5) Phenol-d6	7.02	99	564	0.19	ng		0.03
8) Nitrobenzene-d5	9.00	82	566	0.17	ng		0.04
11) 2-Methylnaphthalene-d10	12.22	152	1547	0.26	ng		0.03
14) 2,4,6-Tribromophenol	15.98	330	155	0.14	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	1911	0.22	ng		0.01
25) Fluoranthene-d10	19.25	212	17936	0.19	ng		0.00
29) Terphenyl-d14	19.85	244	3336	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	588	0.444	ng	#	81
3) n-Nitrosodimethylamine	3.65	42	238	0.136	ng	#	92
6) bis(2-Chloroethyl)ether	7.25	93	287	0.126	ng		79
9) Naphthalene	10.65	128	7636	0.208	ng	#	97
10) Hexachlorobutadiene	10.93	225	493	0.203	ng		97
12) 2-Methylnaphthalene	12.30	142	1085	0.182	ng		95
16) Acenaphthylene	14.20	152	2051	0.187	ng		99
17) Acenaphthene	14.53	154	1279	0.196	ng		99
18) Fluorene	15.52	166	1799	0.191	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	615	0.194	ng		93
21) Hexachlorobenzene	16.52	284	701	0.186	ng		98
22) Pentachlorophenol	16.96	266	33	0.290	ng		97
23) Phenanthrene	17.26	178	3101	0.186	ng		99
24) Anthracene	17.36	178	2258	0.159	ng		98
26) Fluoranthene	19.28	202	4350	0.185	ng		100
28) Pyrene	19.64	202	4503	0.212	ng		100
30) Benzo(a)anthracene	21.39	228	3924	0.181	ng		99
31) Chrysene	21.44	228	4613	0.199	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	7632	0.165	ng		99
33) Indeno(1,2,3-cd)pyrene	26.57	276	3779	0.154	ng	#	92
35) Benzo(b)fluoranthene	23.14	252	4232	0.196	ng	#	78
36) Benzo(k)fluoranthene	23.19	252	4526	0.200	ng		96
37) Benzo(a)pyrene	23.80	252	4439	0.214	ng	#	67
38) Dibenzo(a,h)anthracene	26.59	278	2960	0.151	ng	#	87
39) Benzo(g,h,i)perylene	27.36	276	3888	0.190	ng	#	94

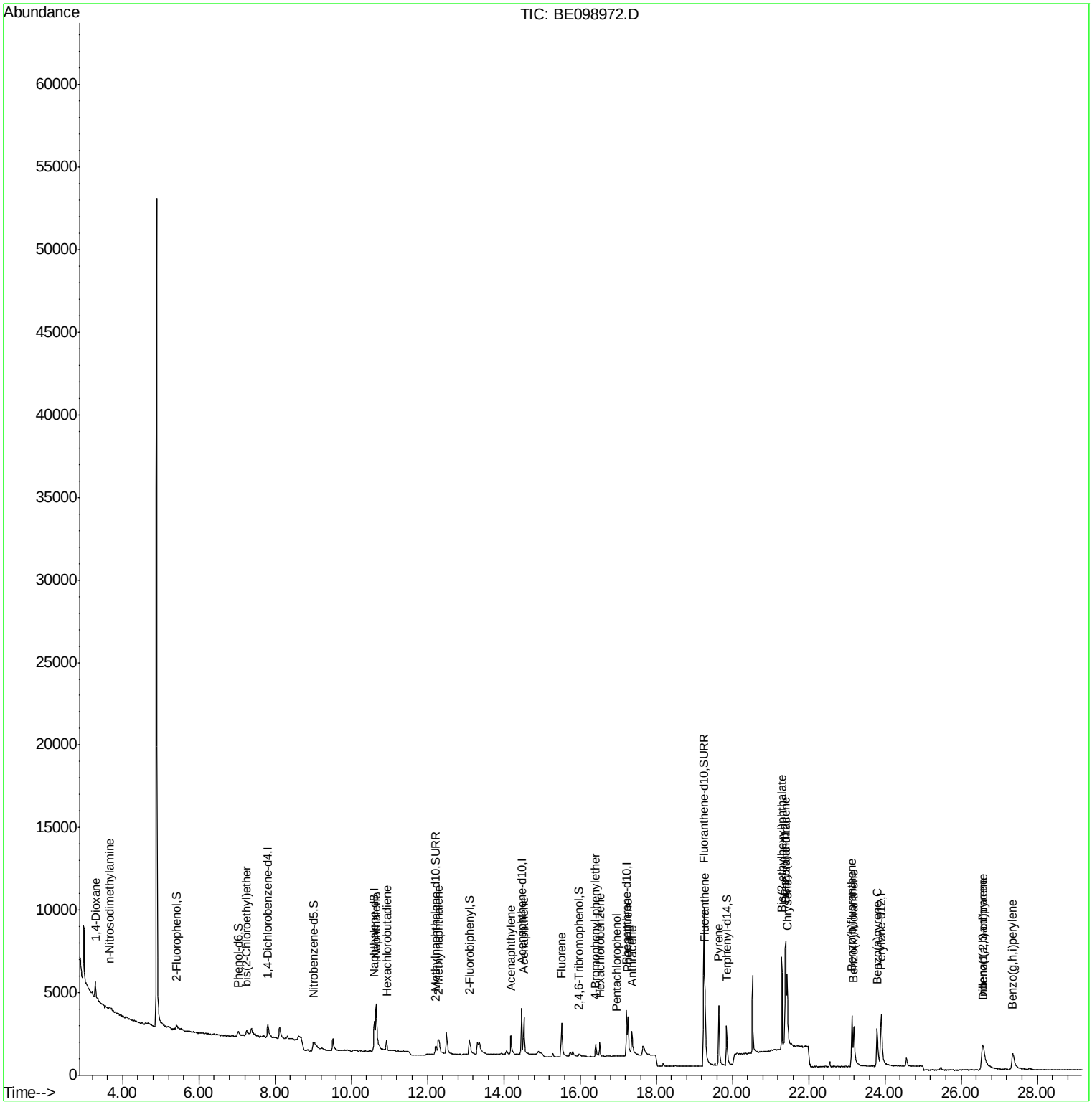
(#) = qualifier out of range (m) = manual integration (+) = signals summed

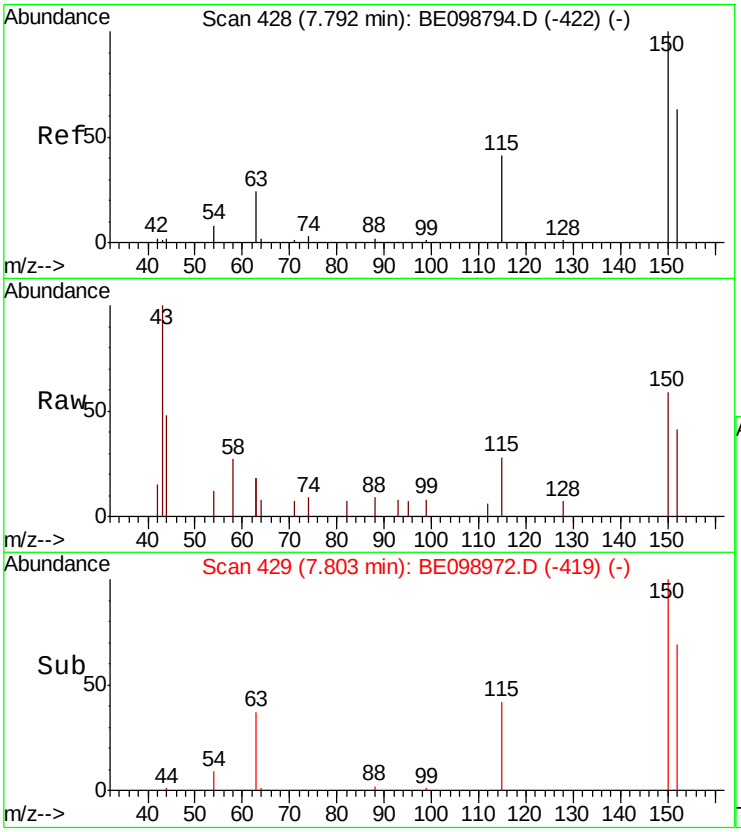
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
Data File : BE098972.D
Acq On : 15 Mar 2019 14:16
Operator : JU/SJ
Sample : PB117917BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 15 14:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



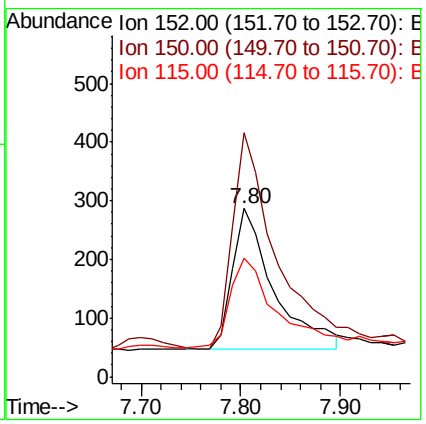


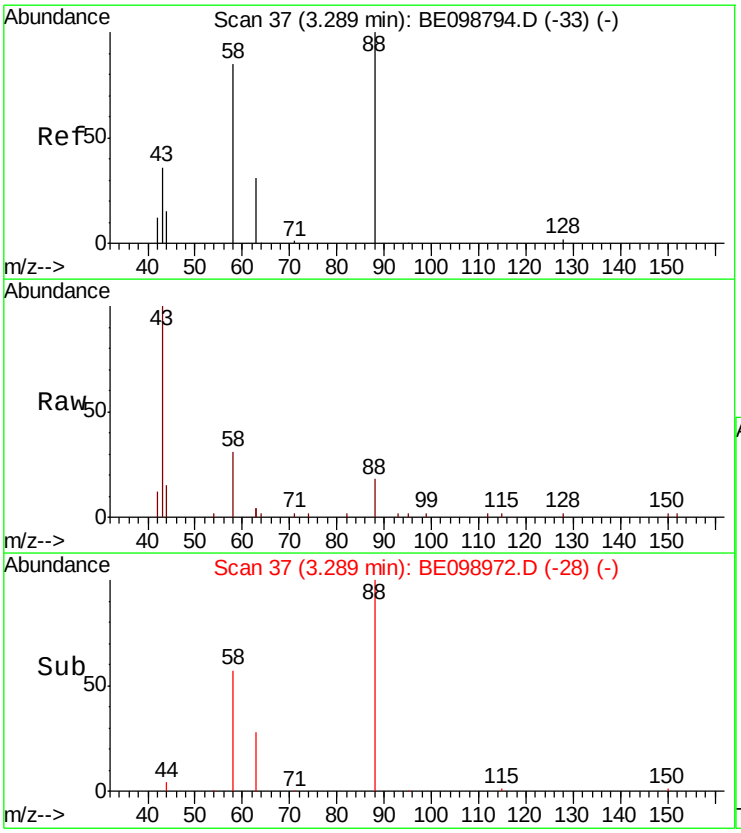
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 697

Ion	Ratio	Lower	Upper
152	100		
150	144.9	122.5	183.7
115	70.0	57.4	86.2

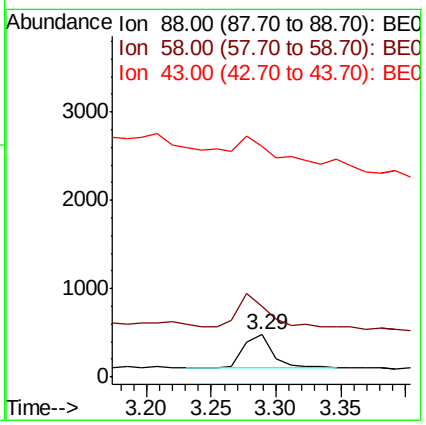


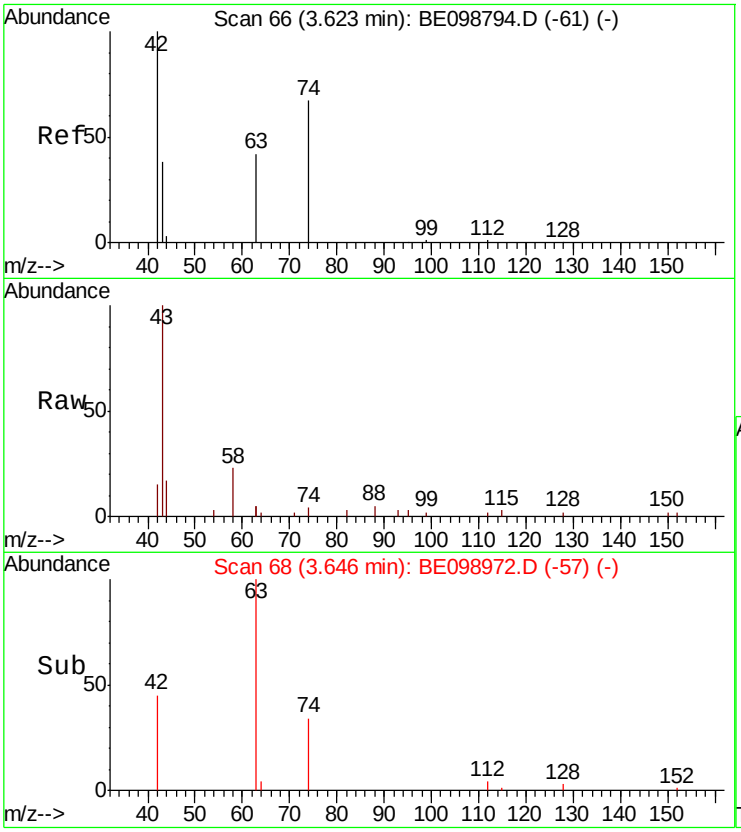


#2
1,4-Dioxane
Concen: 0.444 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion: 88 Resp: 588

Ion	Ratio	Lower	Upper
88	100		
58	100.5	75.8	113.6
43	82.5	41.8	62.8#



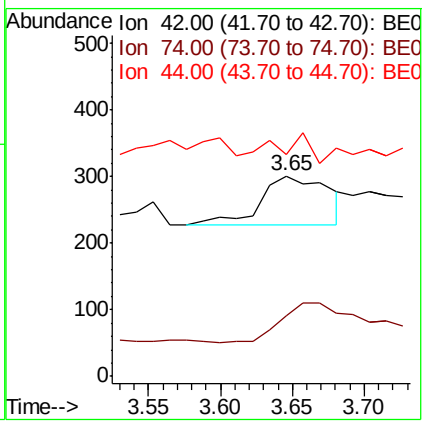


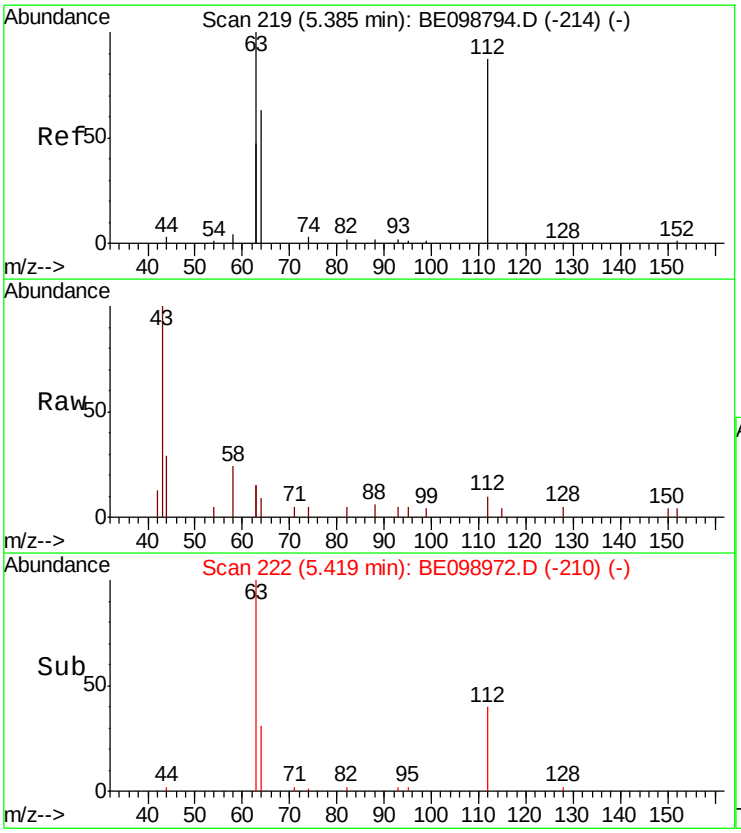
#3
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 238

Ion	Ratio	Lower	Upper
42	100		
74	64.3	57.0	85.4
44	0.0	0.0	0.0

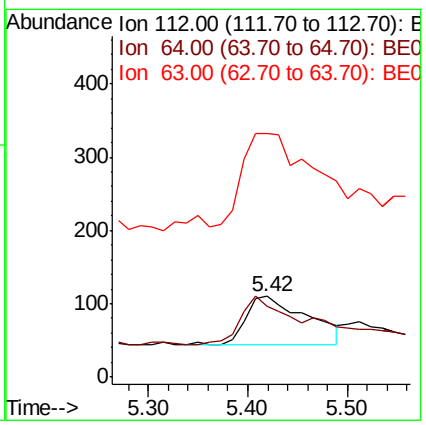


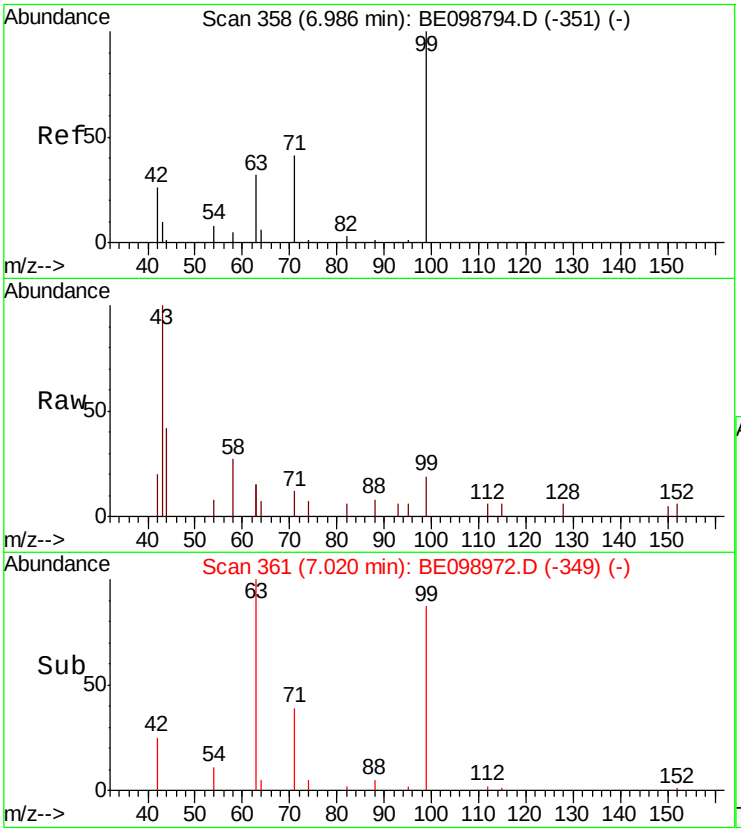


#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:112 Resp: 274

Ion	Ratio	Lower	Upper
112	100		
64	127.4	57.9	86.9#
63	269.3	158.3	237.5#



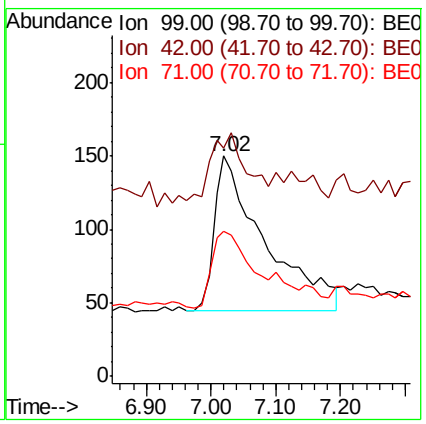


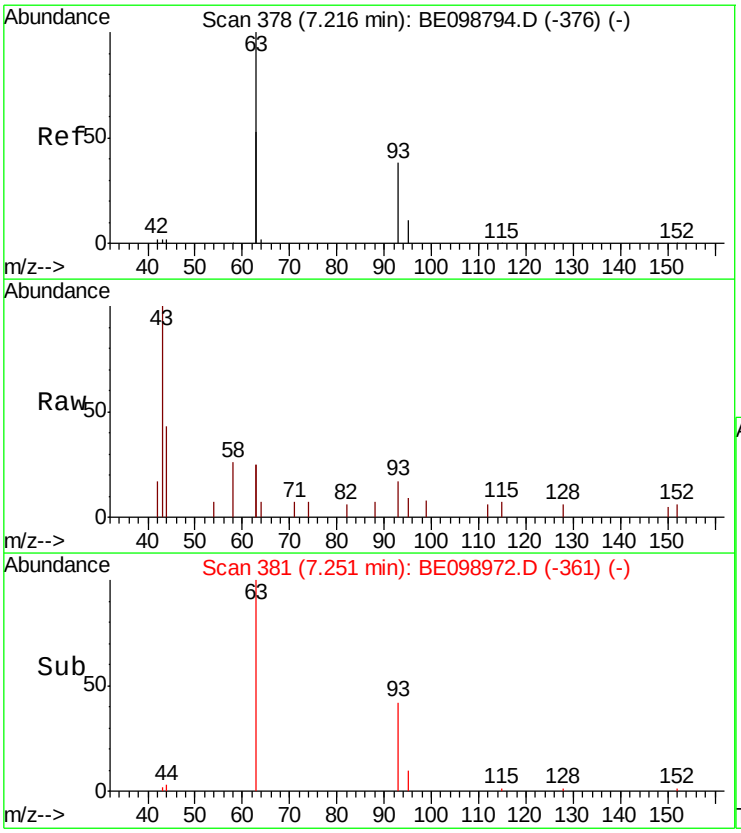
#5
Phenol-d6
Concen: 0.192 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 564

Ion	Ratio	Lower	Upper
99	100		
42	29.8	24.2	36.2
71	53.0	35.7	53.5

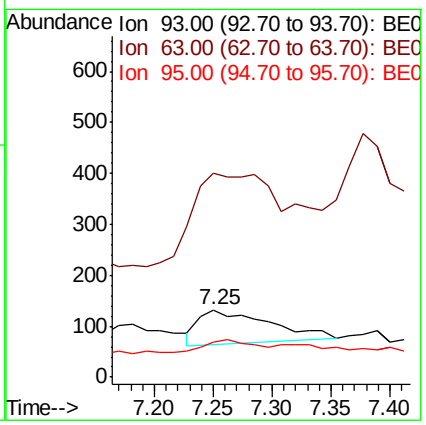


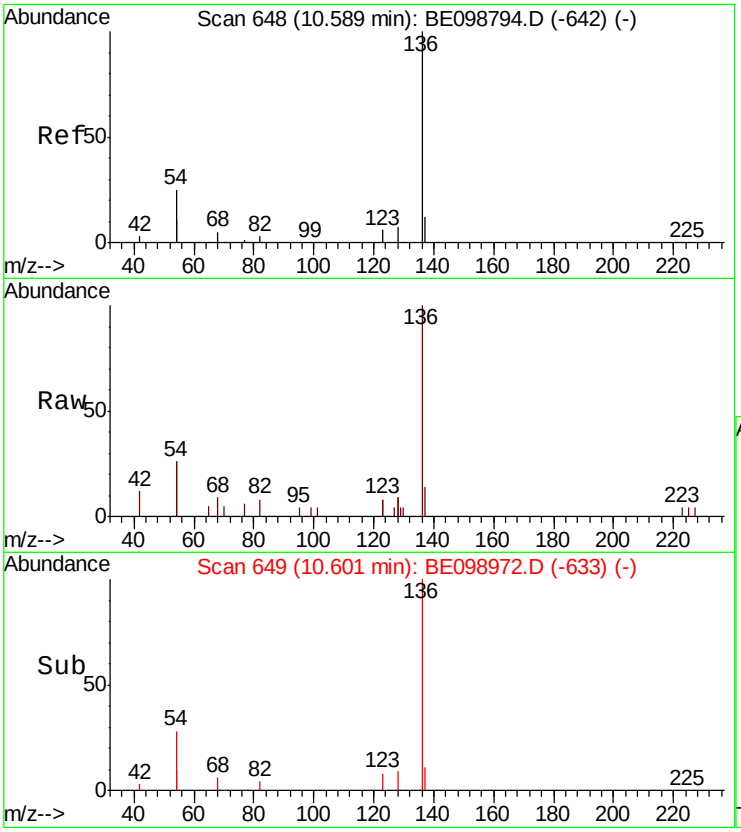


#6
bis(2-Chloroethyl)ether
Concen: 0.126 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion: 93 Resp: 287

Ion	Ratio	Lower	Upper
93	100		
63	355.1	247.5	371.3
95	29.3	21.8	32.8



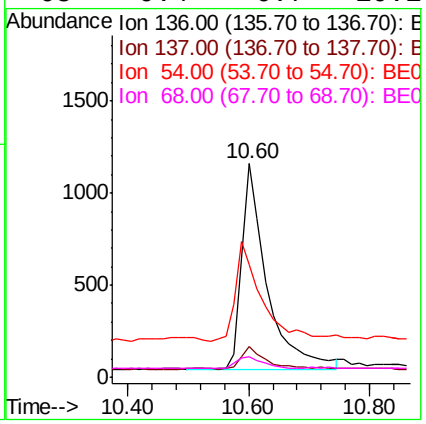


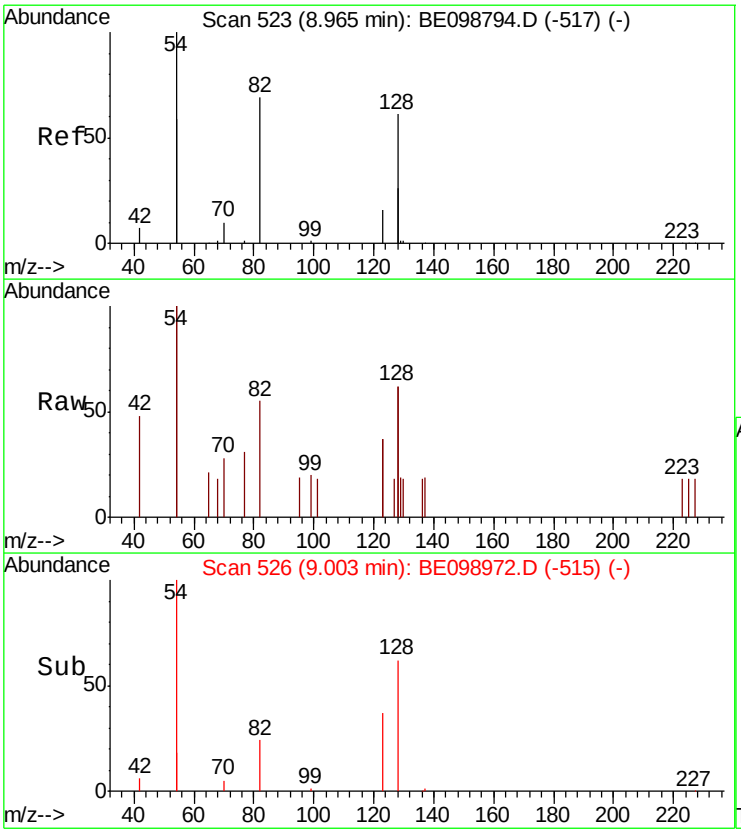
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3211

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.4	17.0
54	52.9	39.3	58.9
68	9.4	6.7	10.1

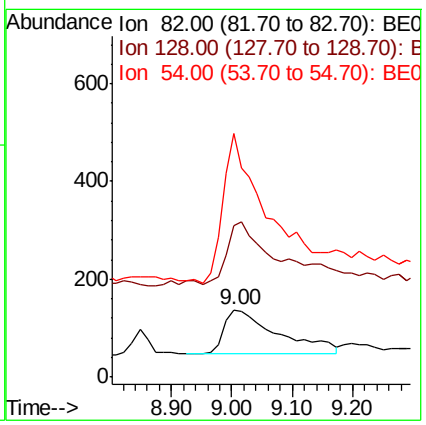


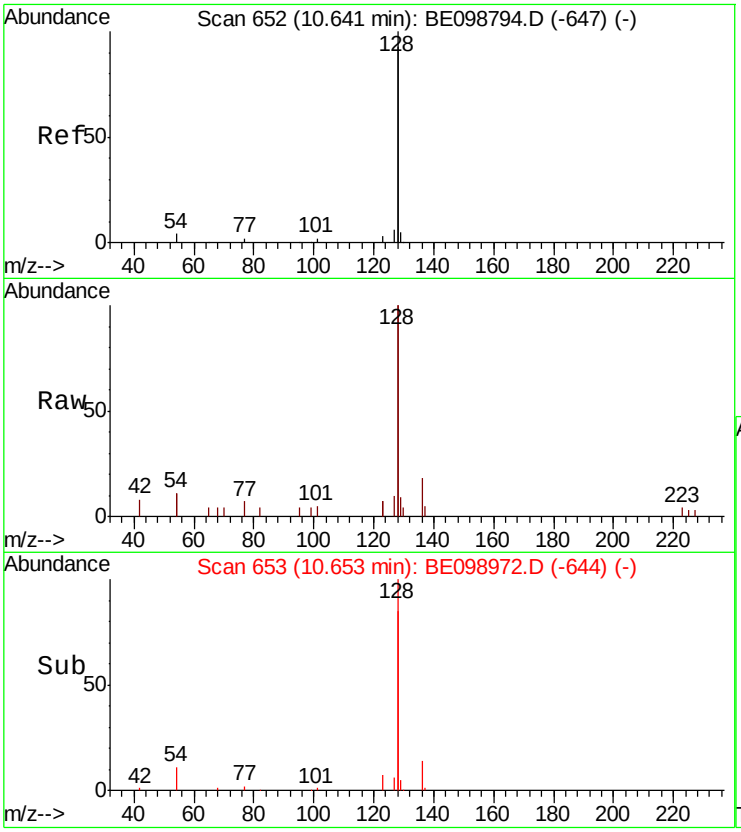


#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion: 82 Resp: 566

Ion	Ratio	Lower	Upper
82	100		
128	224.6	123.8	185.8#
54	360.9	203.4	305.2#



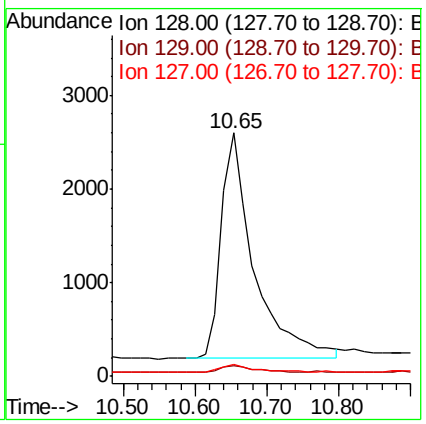


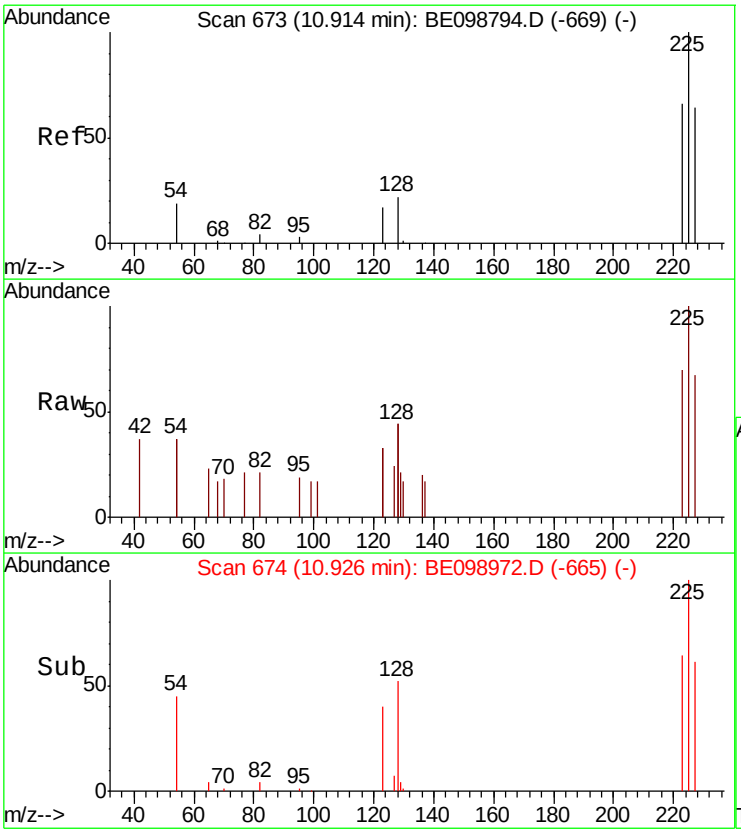
#9
Naphthalene
Concen: 0.208 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7636

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.6	4.0#
127	4.8	3.1	4.7#

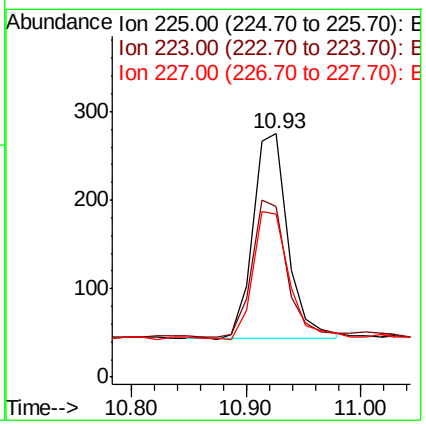


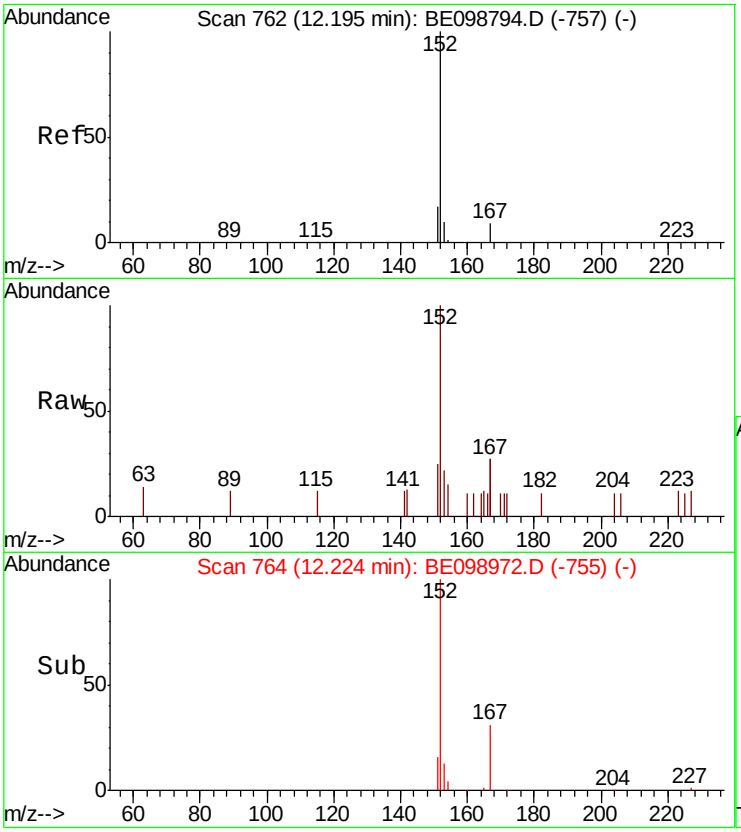


#10
Hexachlorobutadiene
Concen: 0.203 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:225 Resp: 493

Ion	Ratio	Lower	Upper
225	100		
223	66.9	51.1	76.7
227	63.1	51.6	77.4



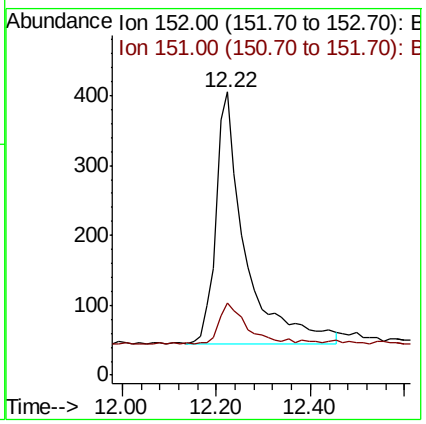


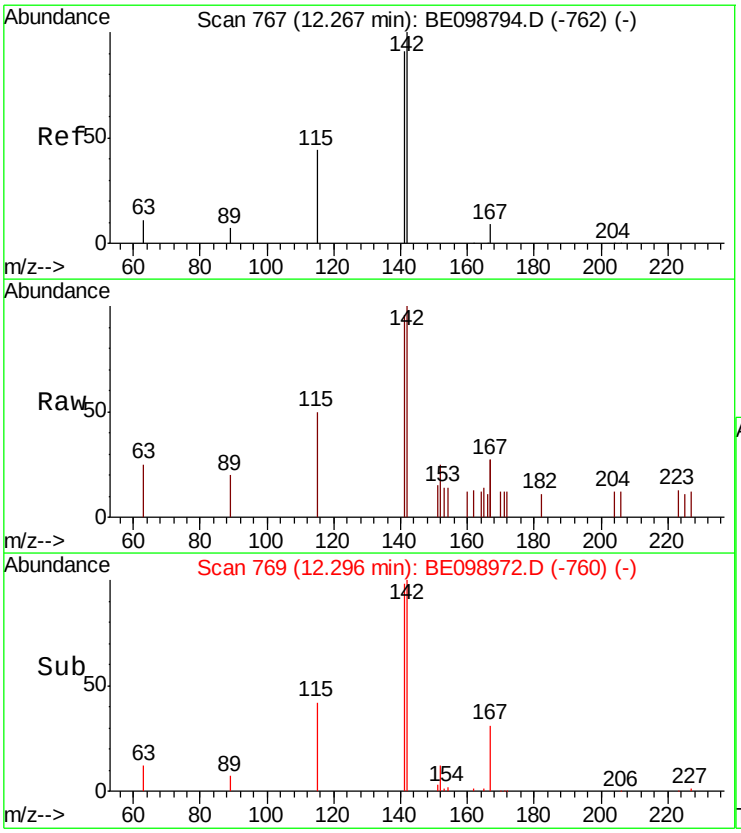
#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1547

Ion	Ratio	Lower	Upper
152	100		
151	14.5	16.5	24.7#

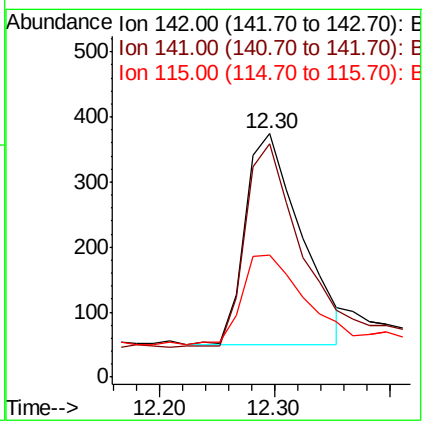


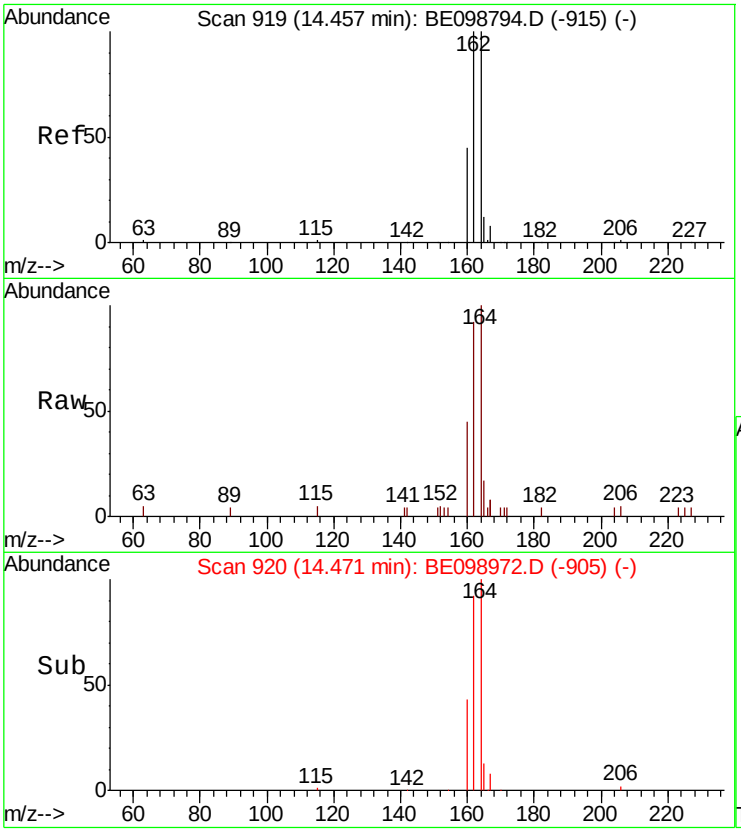


#12
2-Methylnaphthalene
Concen: 0.182 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:142 Resp: 1085

Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.6	108.8
115	50.3	37.4	56.2



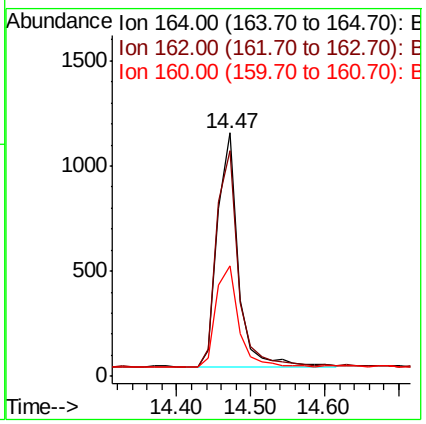


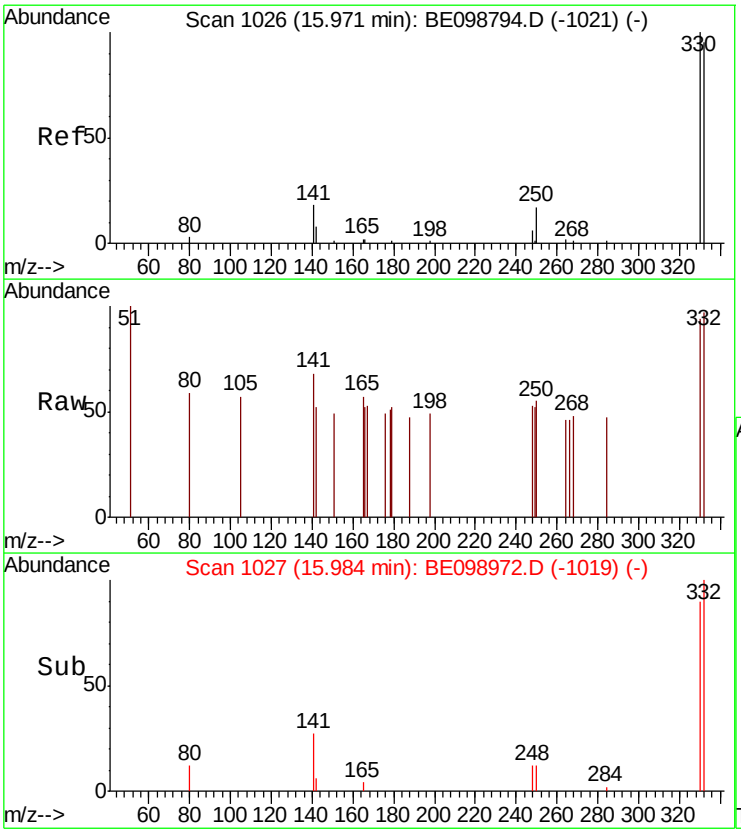
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2137

Ion	Ratio	Lower	Upper
164	100		
162	92.5	80.2	120.2
160	45.3	37.8	56.8

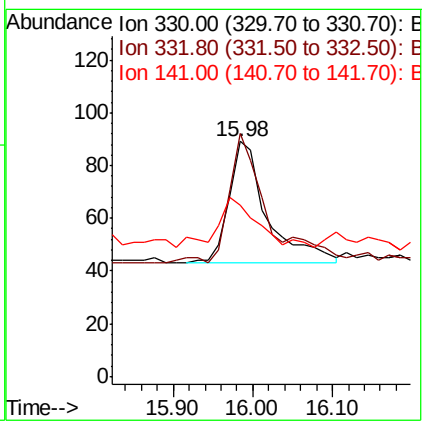


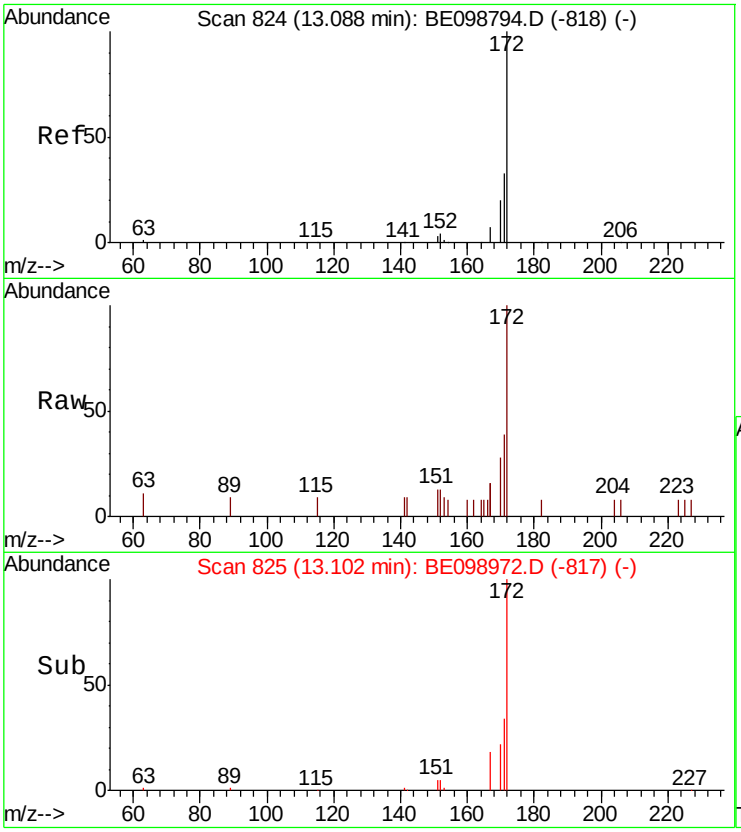


#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:330 Resp: 155

Ion	Ratio	Lower	Upper
330	100		
332	90.3	77.6	116.4
141	38.7	31.0	46.4



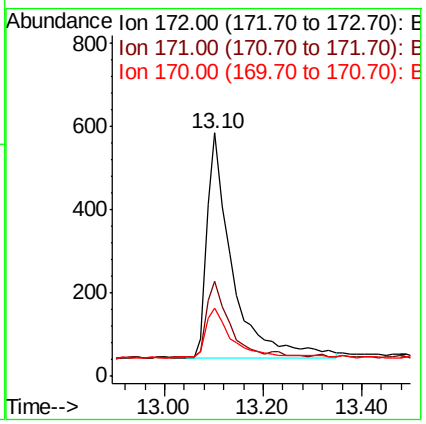


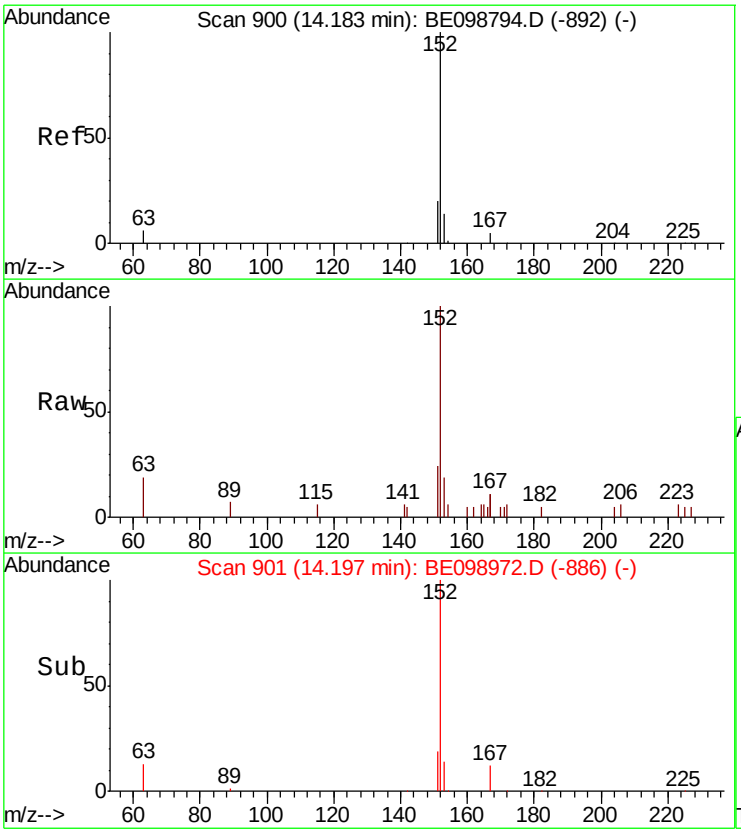
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1911

Ion	Ratio	Lower	Upper
172	100		
171	39.2	28.0	42.0
170	28.1	17.7	26.5#

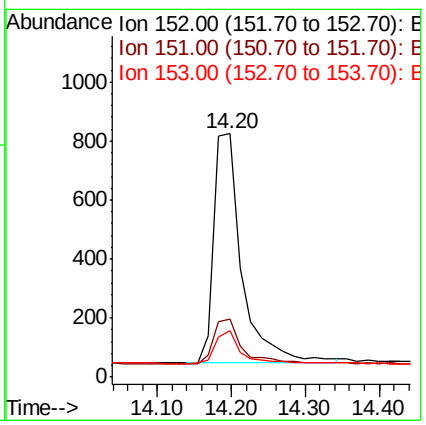


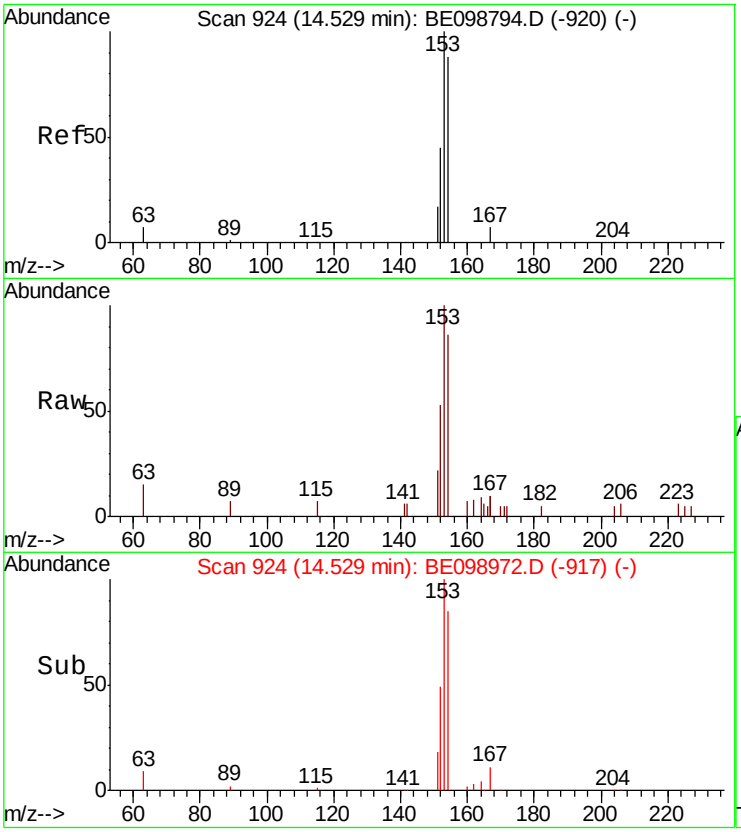


#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:152 Resp: 2051

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.2	11.2	16.8



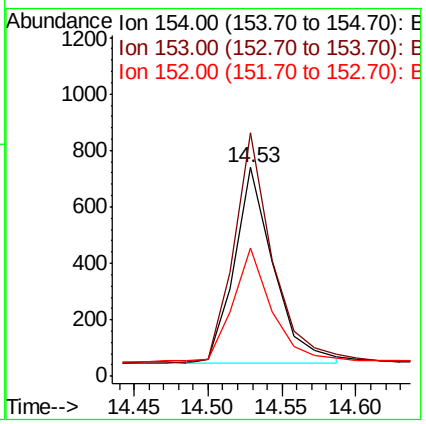


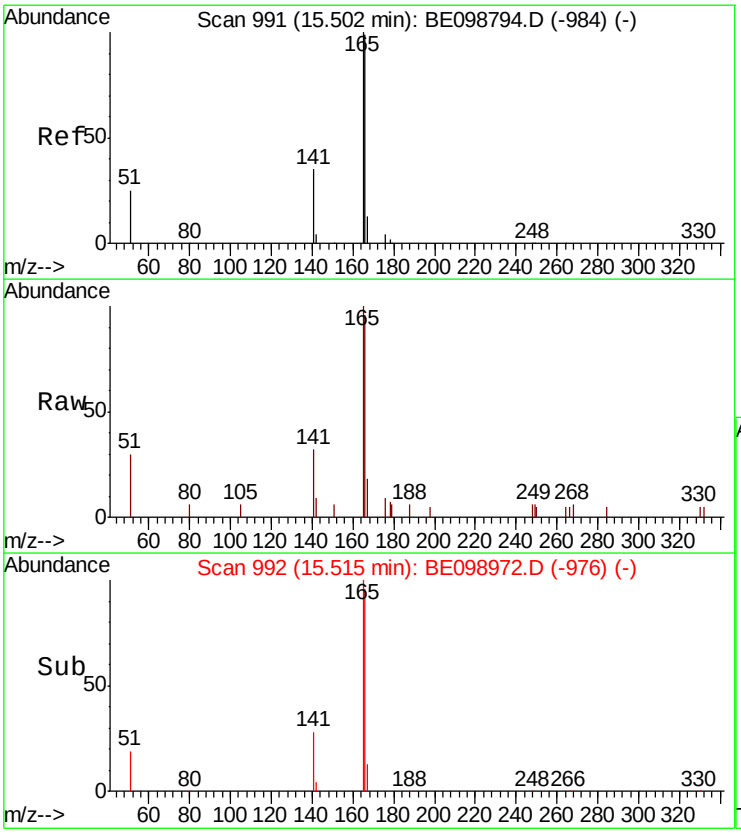
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1279

Ion	Ratio	Lower	Upper
154	100		
153	115.9	94.2	141.4
152	57.0	45.0	67.4

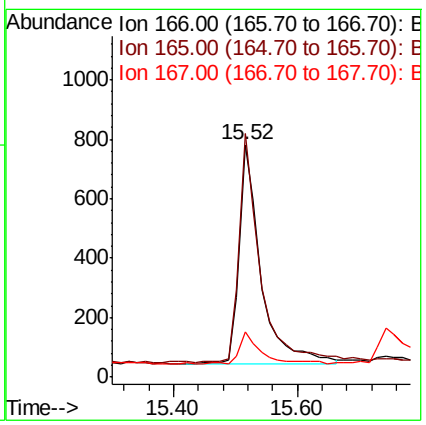


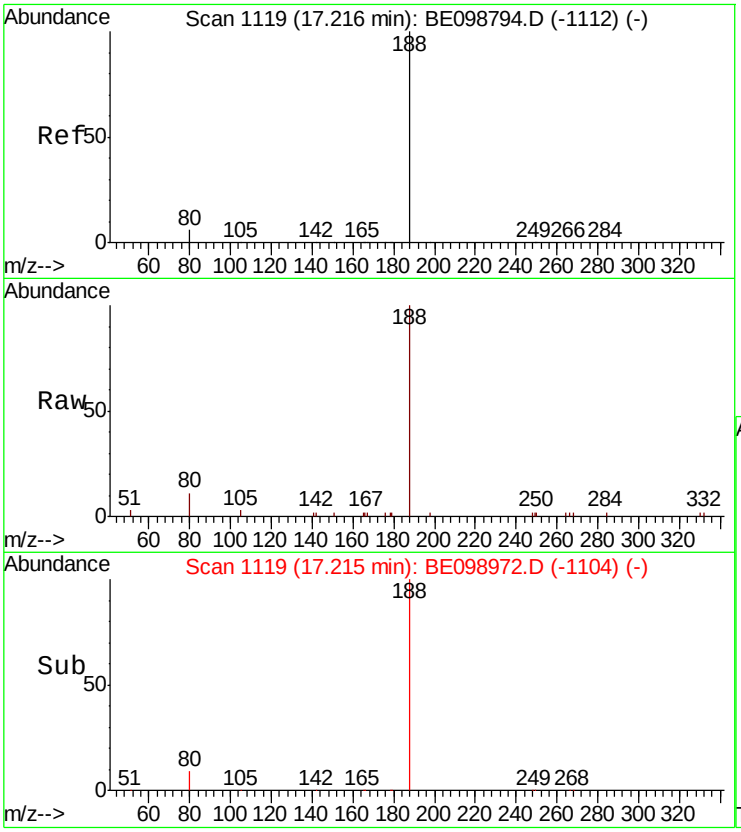


#18
Fluorene
Concen: 0.191 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:166 Resp: 1799

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.3	118.9
167	14.4	10.5	15.7



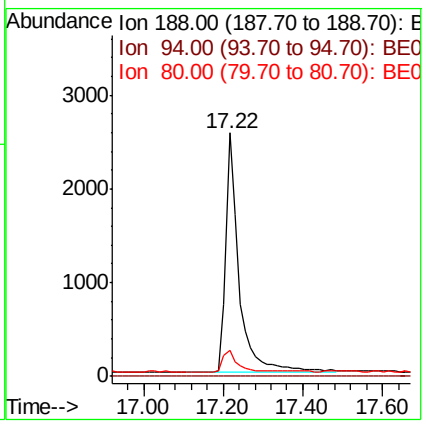


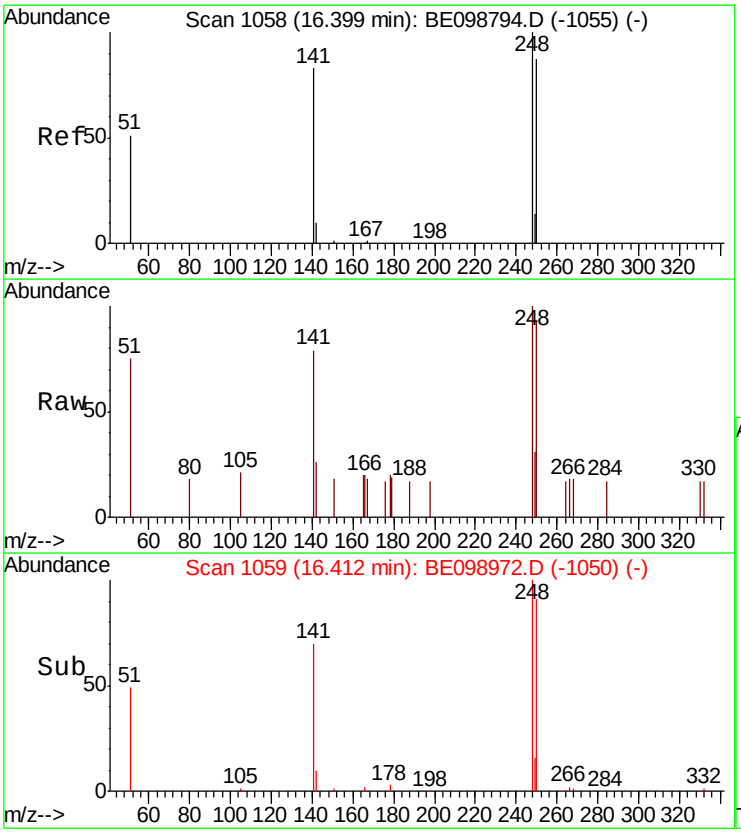
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5855

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	6.3	9.5#

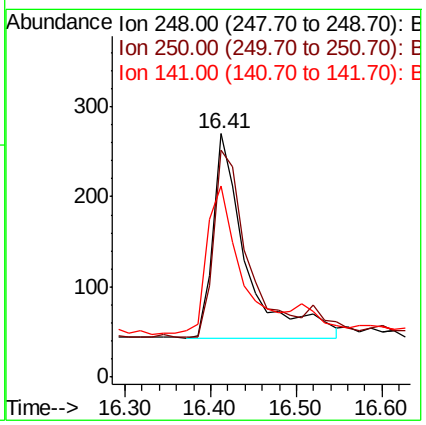


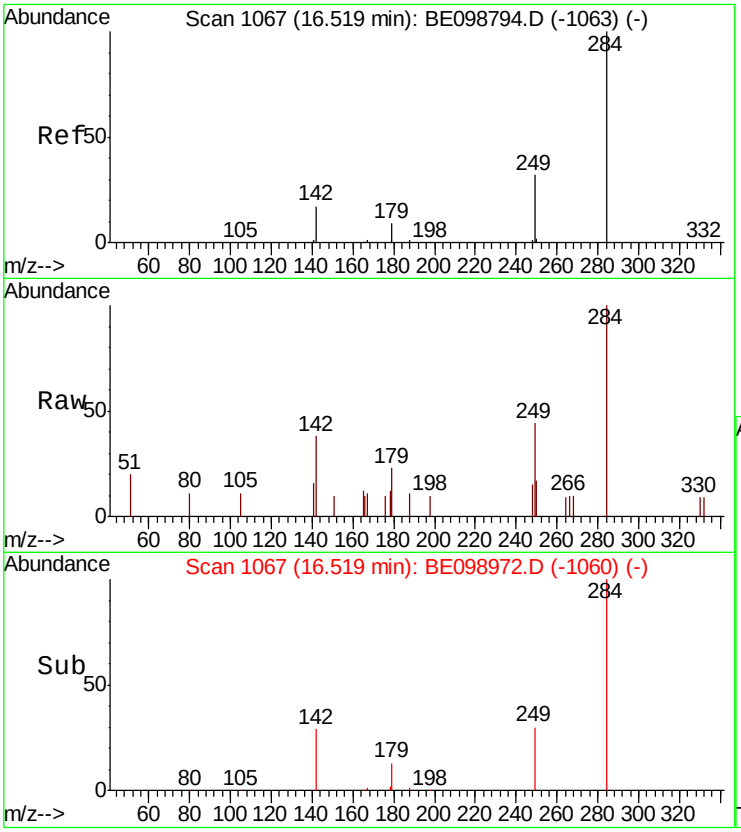


#20
4-Bromophenyl-phenylether
Concen: 0.194 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:248 Resp: 615

Ion	Ratio	Lower	Upper
248	100		
250	93.3	70.6	105.8
141	78.5	68.6	102.8



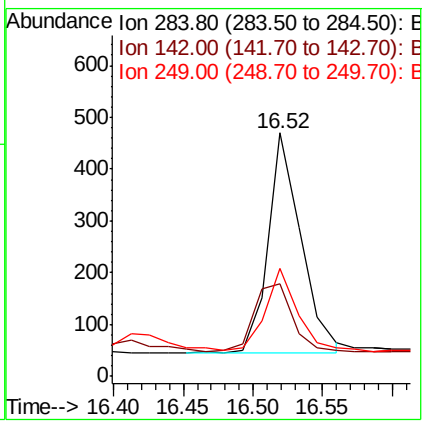


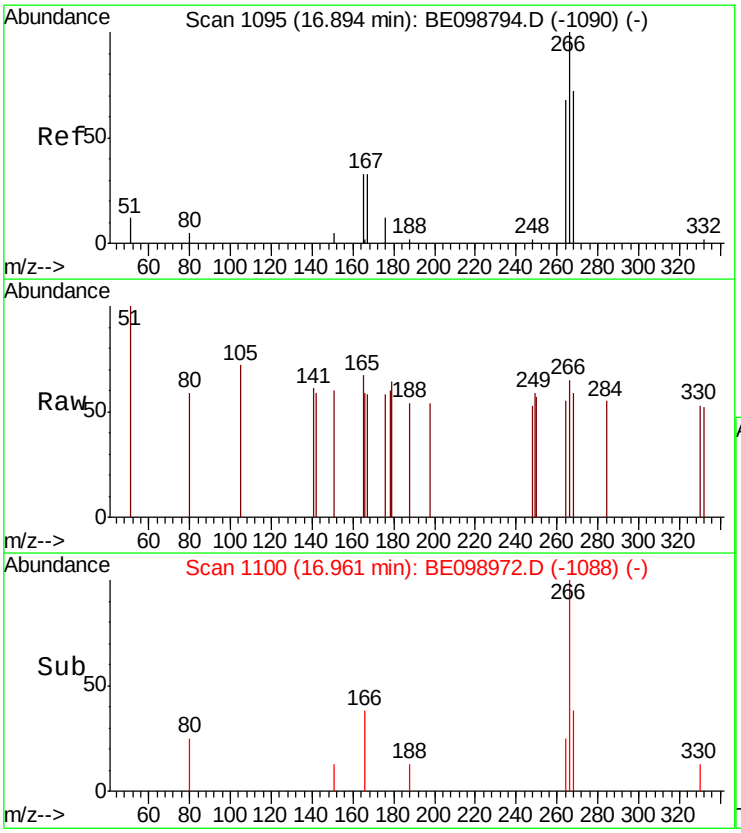
#21
Hexachlorobenzene
Concen: 0.186 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 701

Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.7	43.1
249	35.2	29.6	44.4

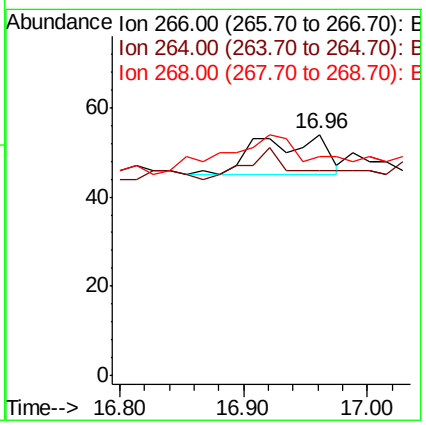


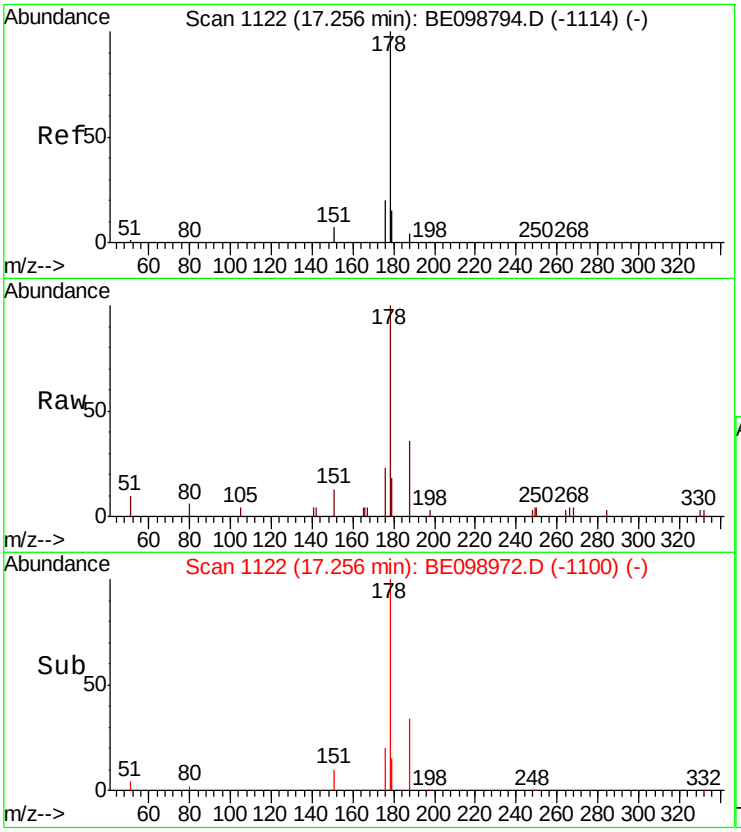


#22
Pentachlorophenol
Concen: 0.290 ng
RT: 16.96 min Scan# 1100
Delta R.T. 0.07 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	85.2	66.6	100.0
268	90.7	69.8	104.8



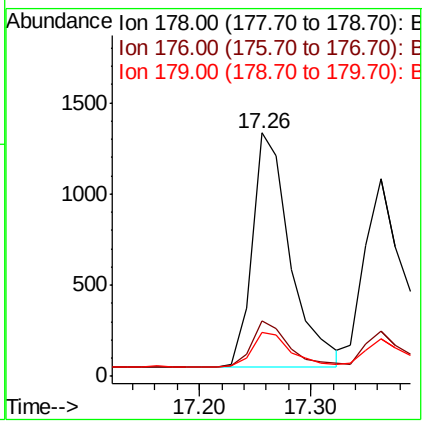


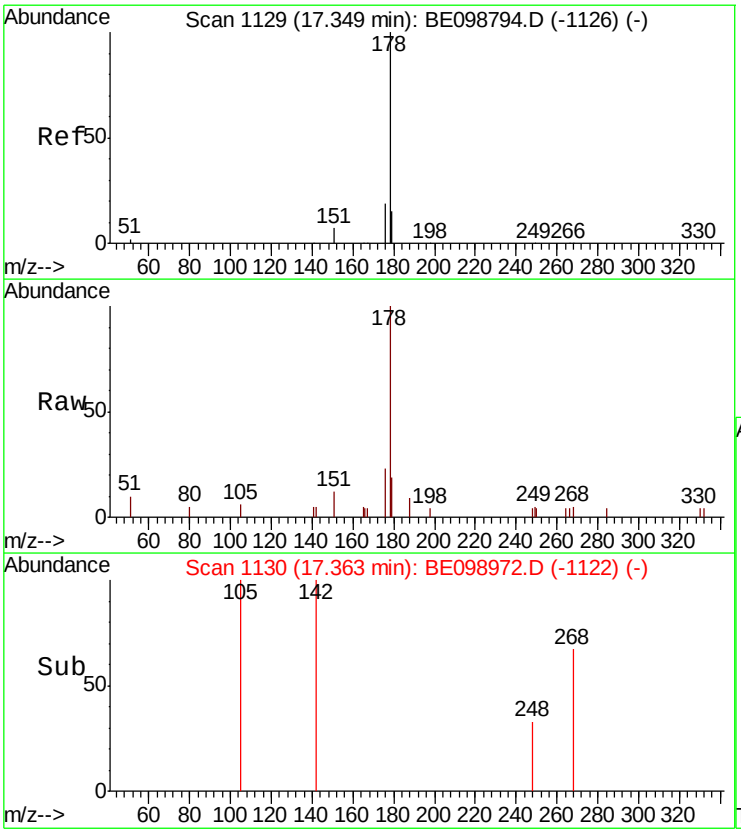
#23
Phenanthrene
Concen: 0.186 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3101

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.0	12.1	18.1

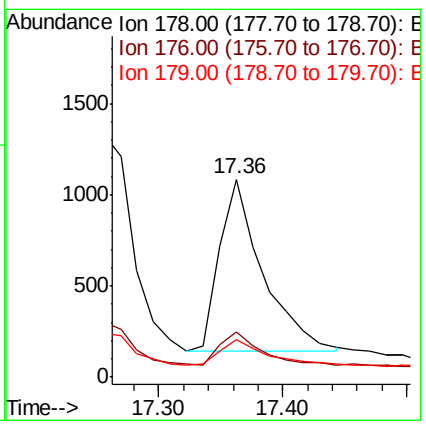


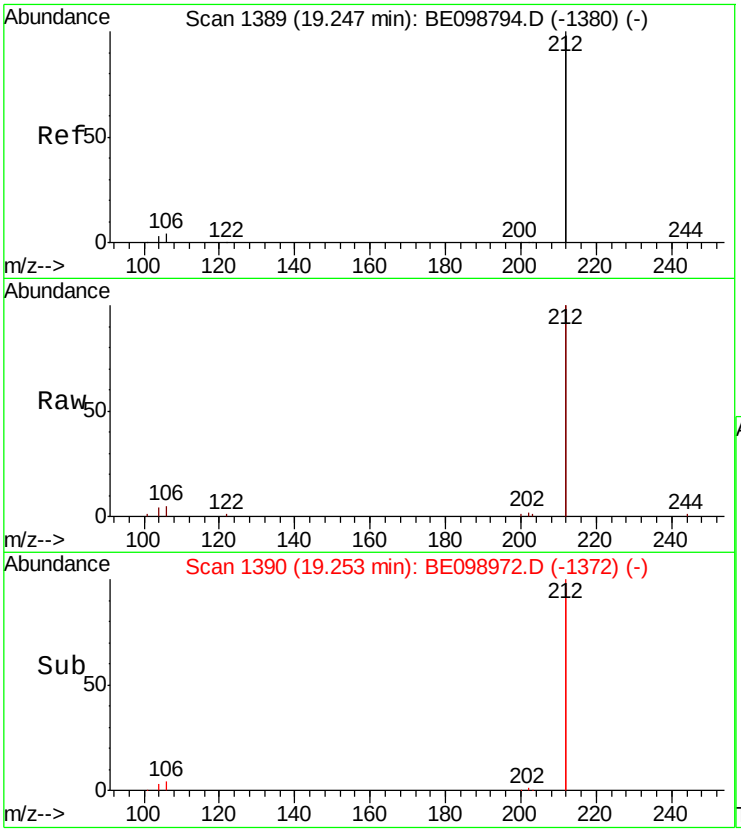


#24
Anthracene
Concen: 0.159 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:178 Resp: 2258

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	15.1	12.2	18.4



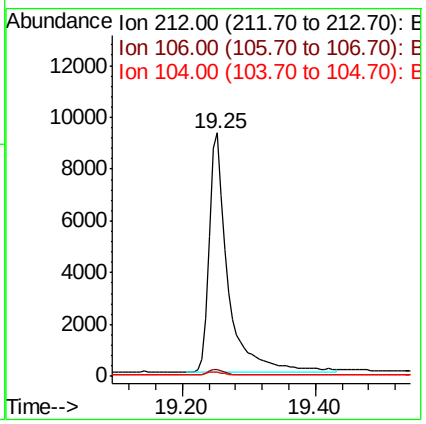


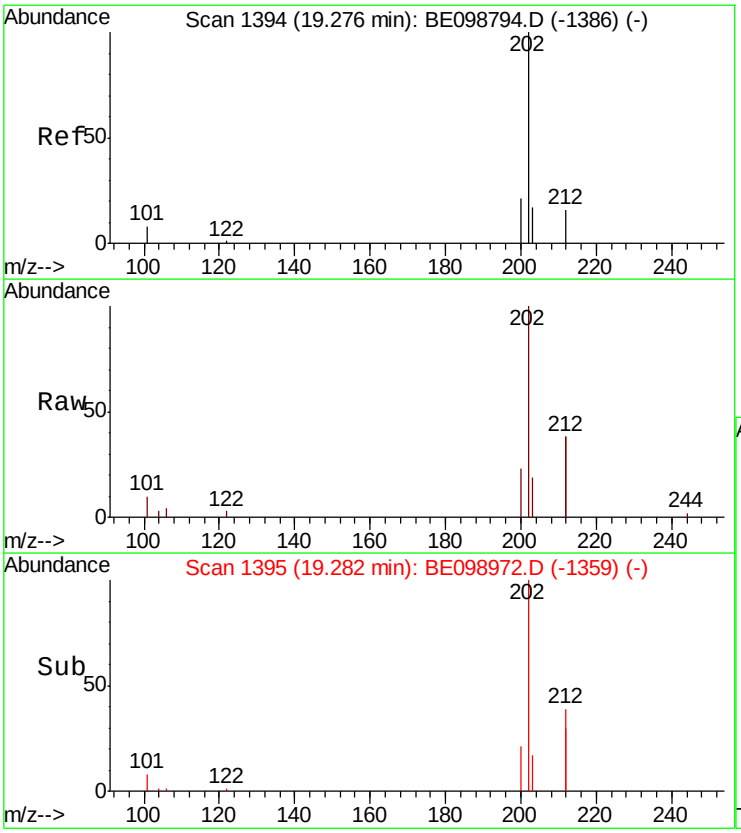
#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17936

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.4	1.0	1.6

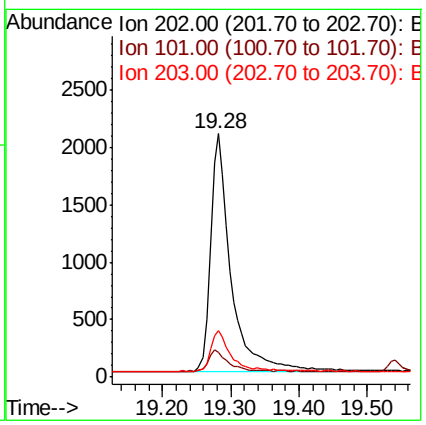


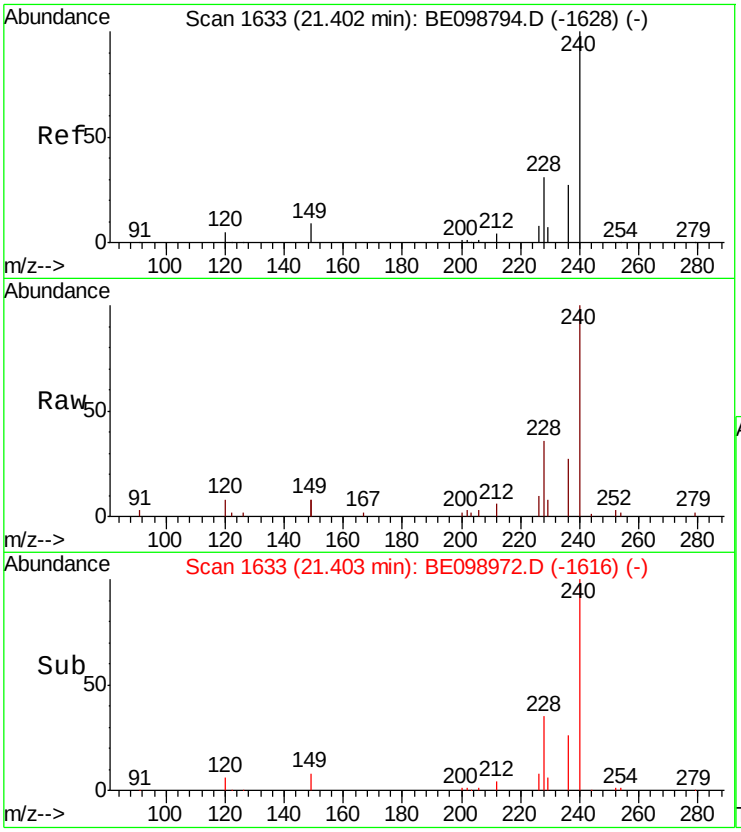


#26
Fluoranthene
Concen: 0.185 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:202 Resp: 4350

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.3	10.9
203	16.9	13.4	20.2



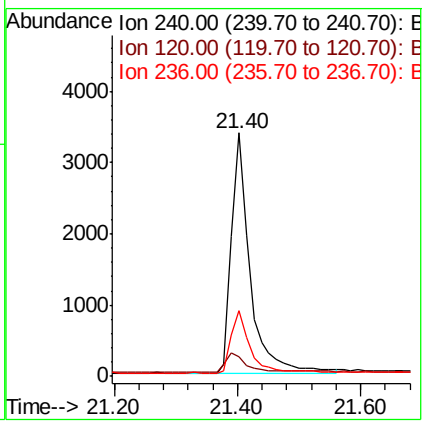


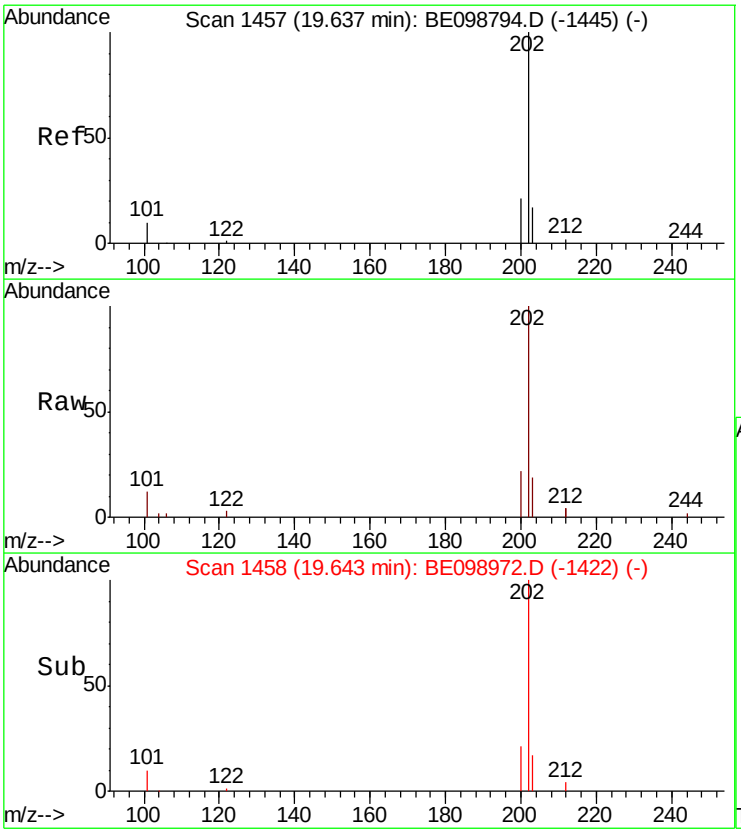
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6959

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.0	7.4#
236	27.0	22.7	34.1

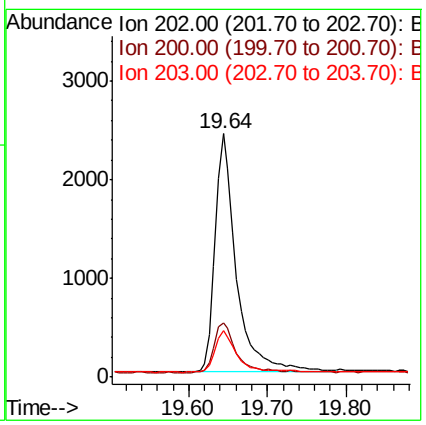


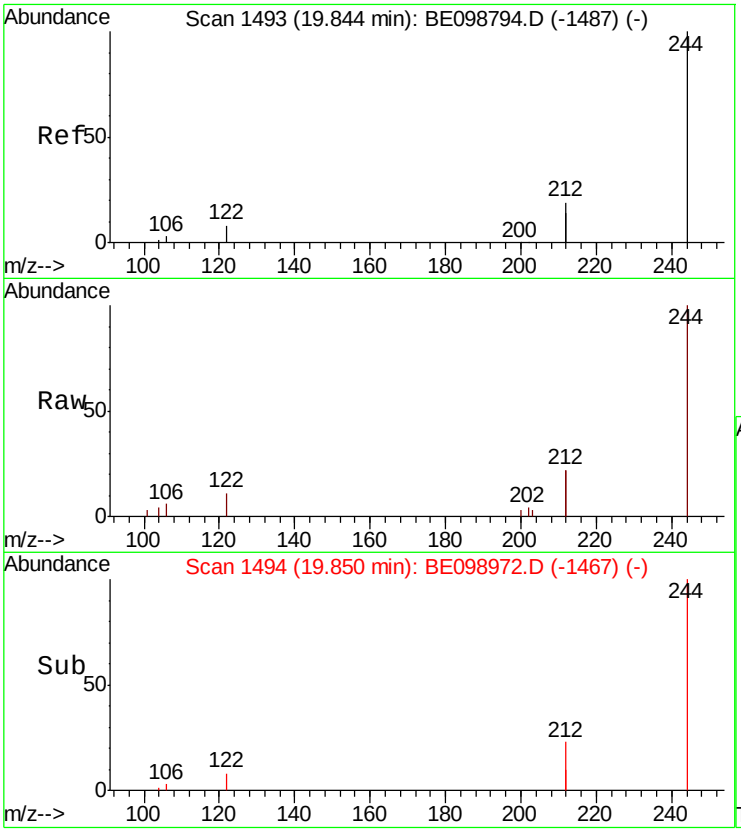


#28
Pyrene
Concen: 0.212 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:202 Resp: 4503

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.6	14.2	21.2



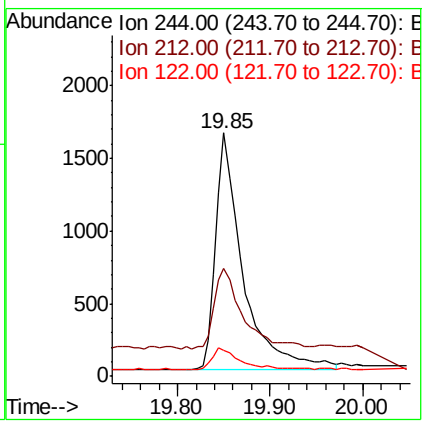


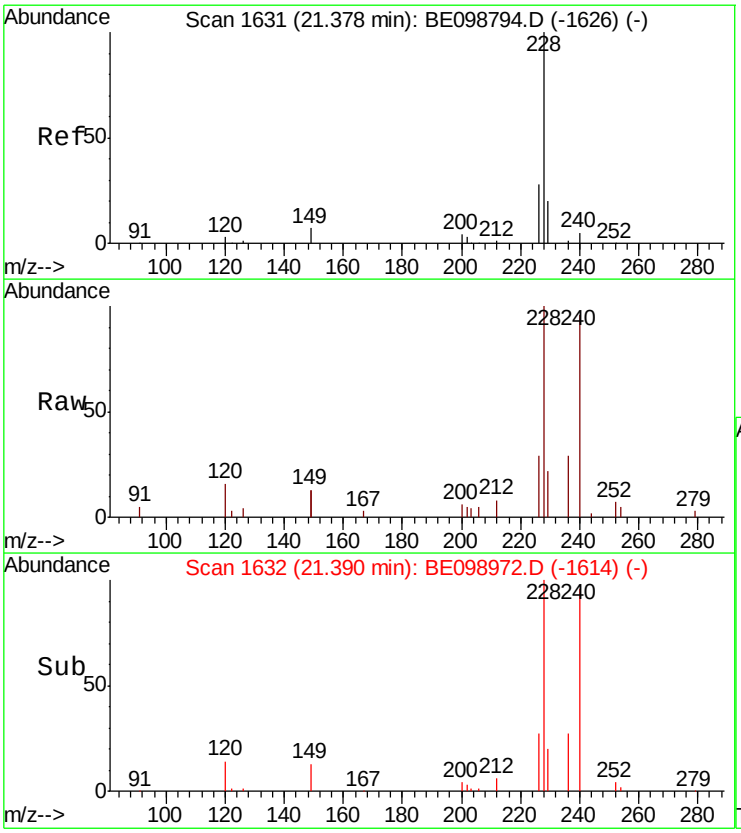
#29
Terphenyl-d14
Concen: 0.197 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3336

Ion	Ratio	Lower	Upper
244	100		
212	44.2	29.4	44.2
122	10.9	7.1	10.7#

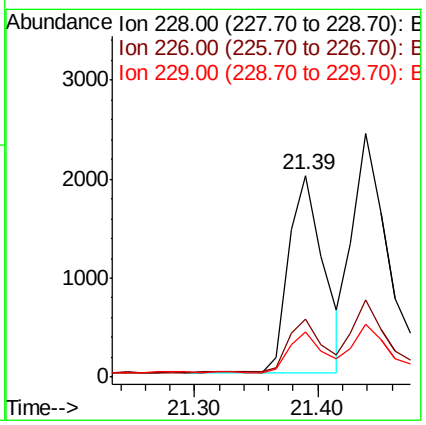


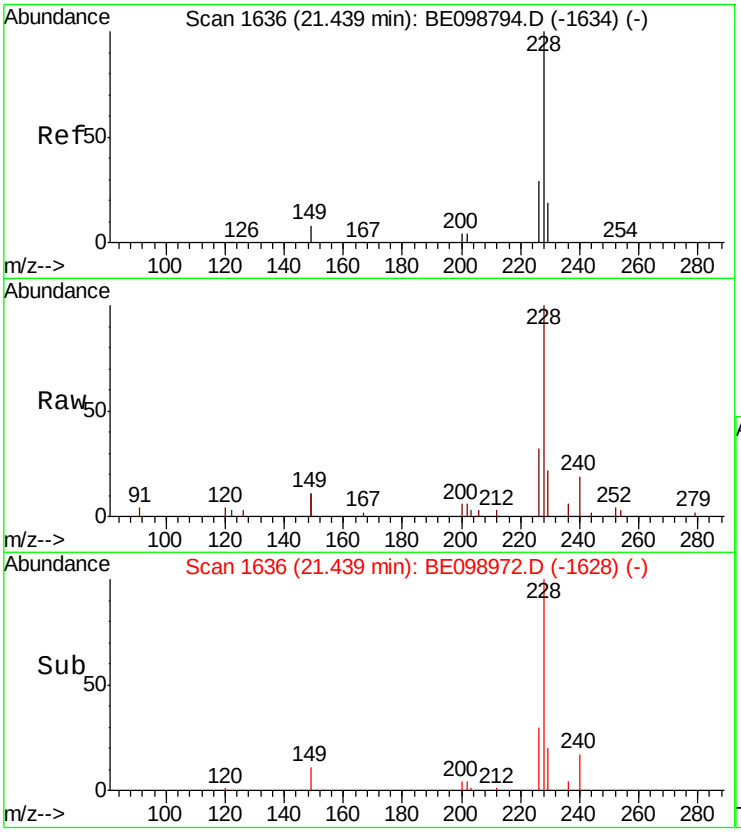


#30
Benzo(a)anthracene
Concen: 0.181 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:228 Resp: 3924

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	22.2	16.5	24.7



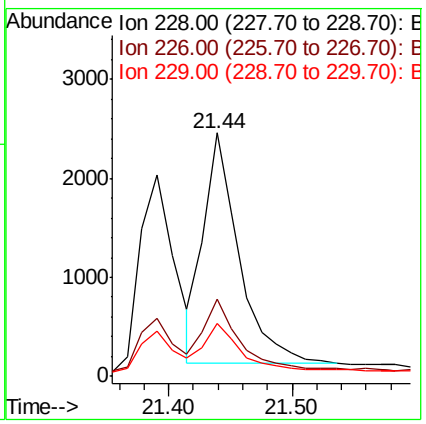


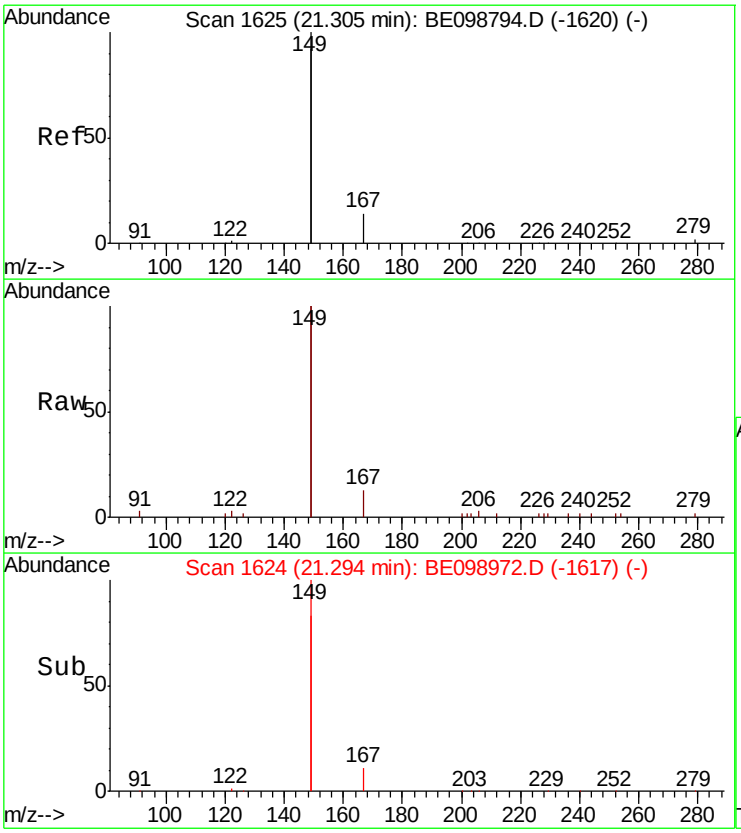
#31
Chrysene
Concen: 0.199 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4613

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.7	35.5
229	21.6	16.1	24.1

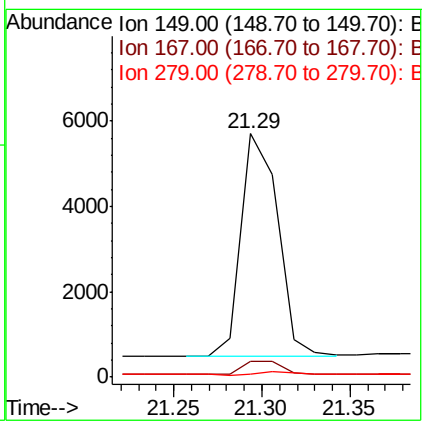


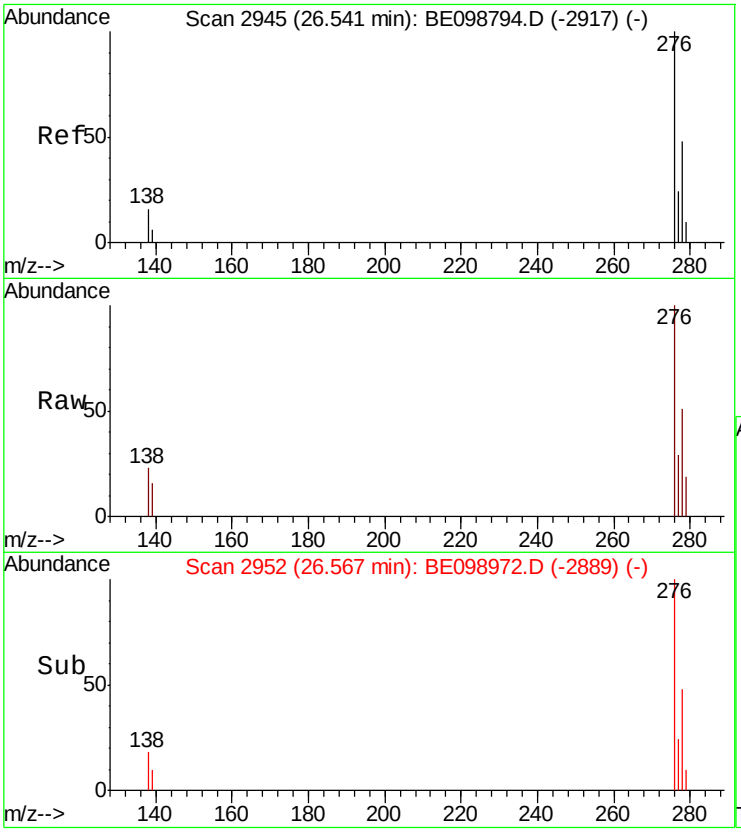


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:149 Resp: 7632

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	1.2	1.0	1.4



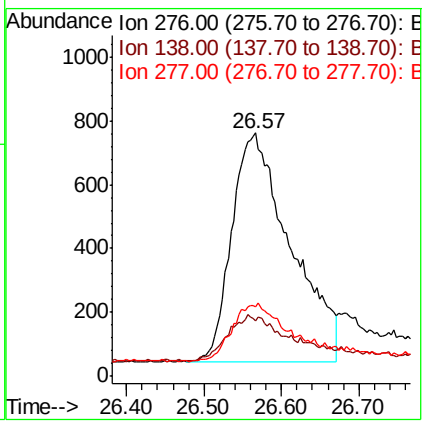


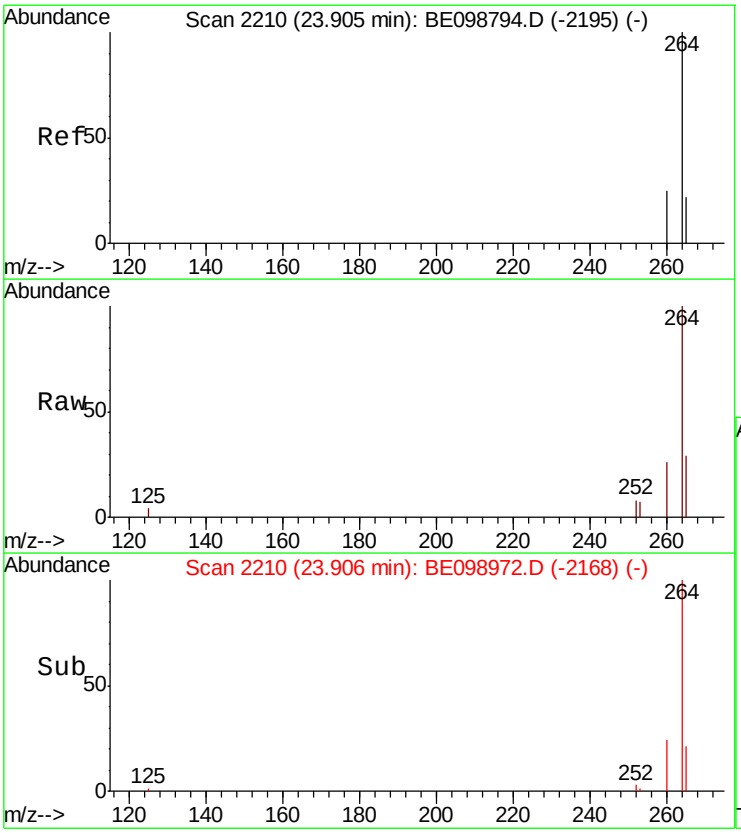
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.03 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3779

Ion	Ratio	Lower	Upper
276	100		
138	9.4	13.8	20.8#
277	24.1	19.5	29.3

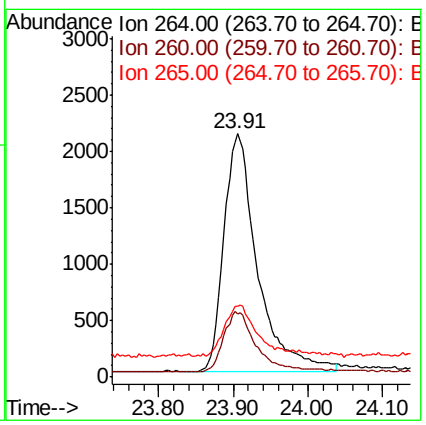


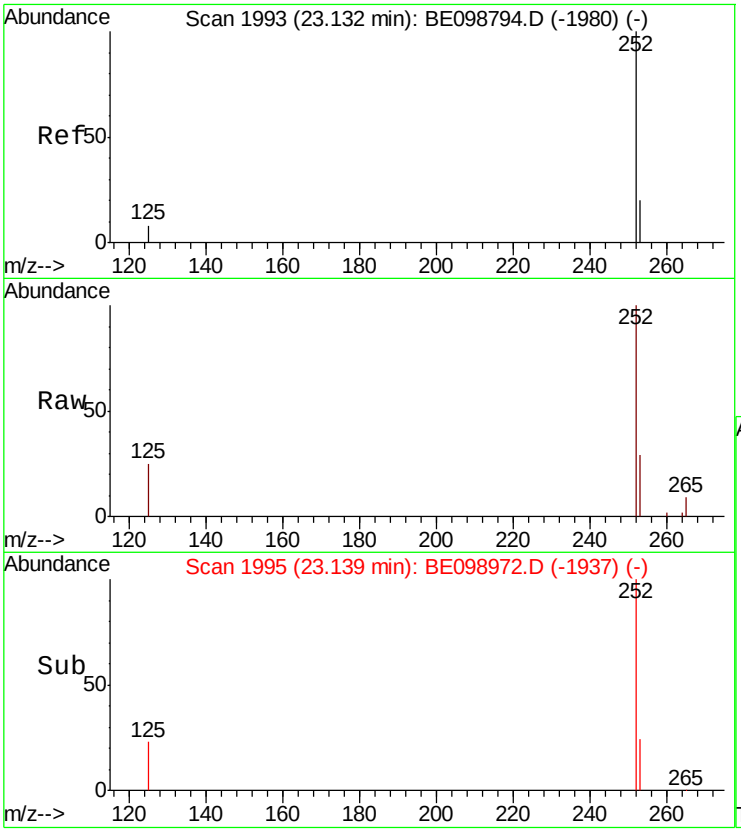


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:264 Resp: 6574

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	29.0	24.6	36.8



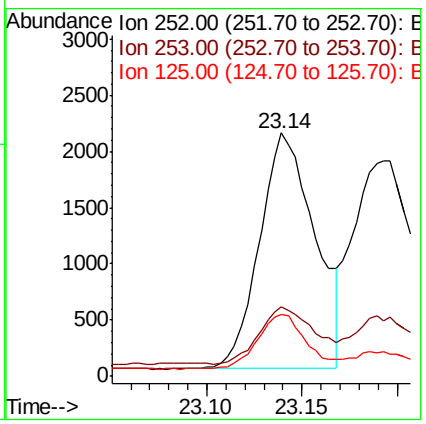


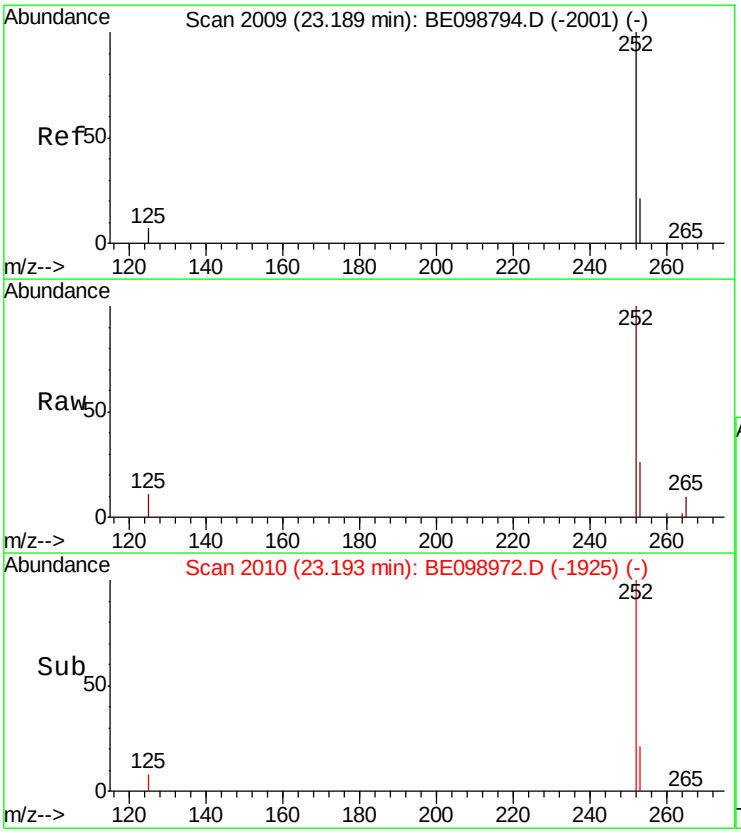
#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4232

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.2	27.2#
125	25.5	7.3	10.9#

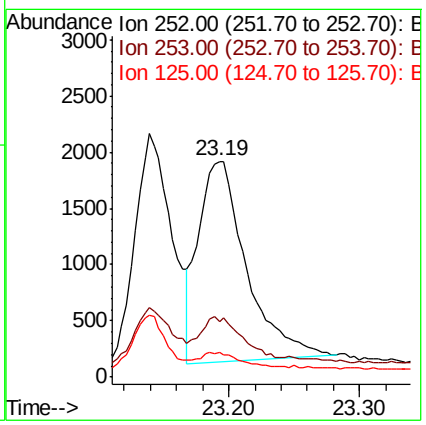


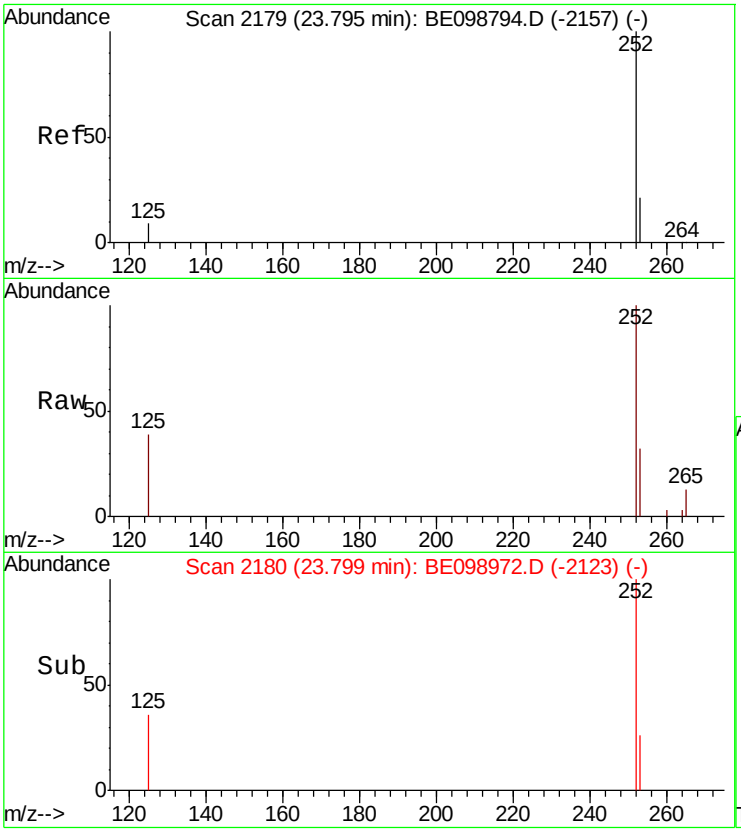


#36
Benzo(k)fluoranthene
Concen: 0.200 ng
RT: 23.19 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:252 Resp: 4526

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.3	28.9
125	11.3	7.5	11.3



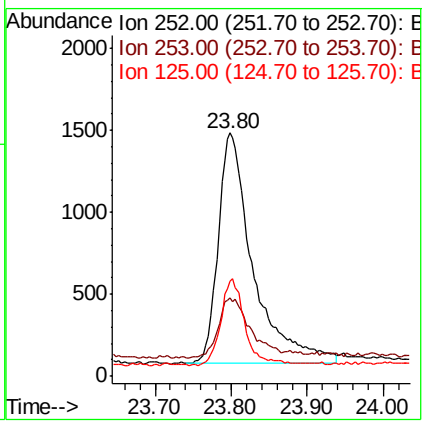


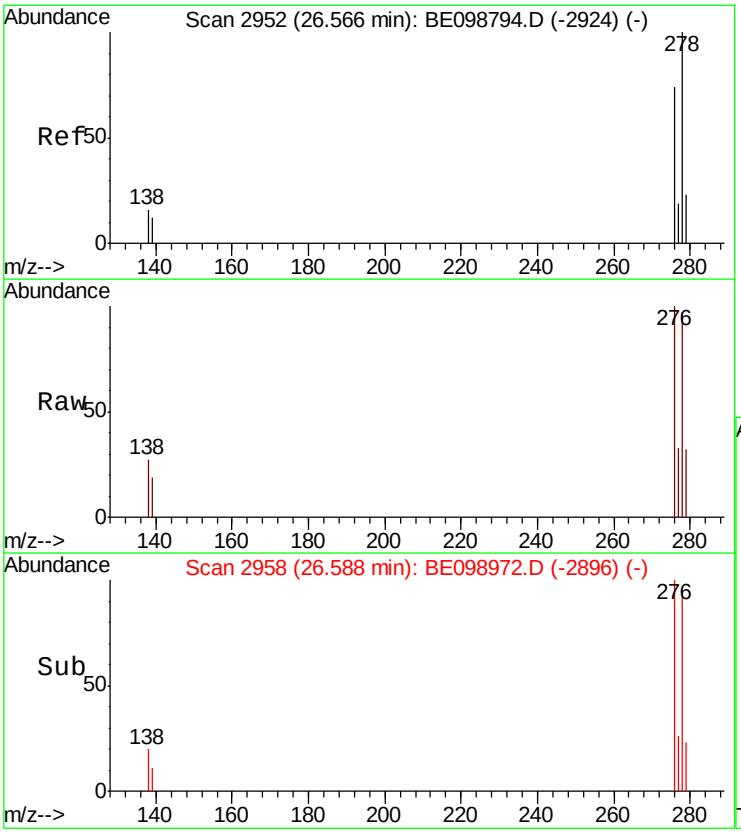
#37
Benzo(a)pyrene
Concen: 0.214 ng
RT: 23.80 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4439

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.9	29.9#
125	39.1	9.0	13.4#

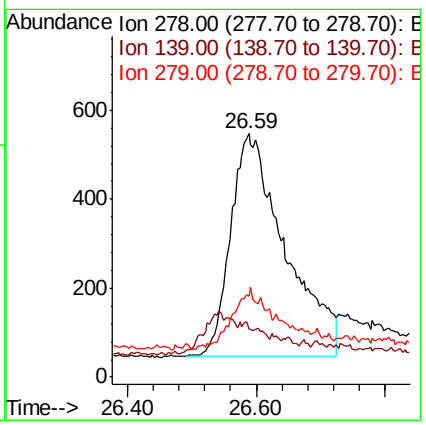


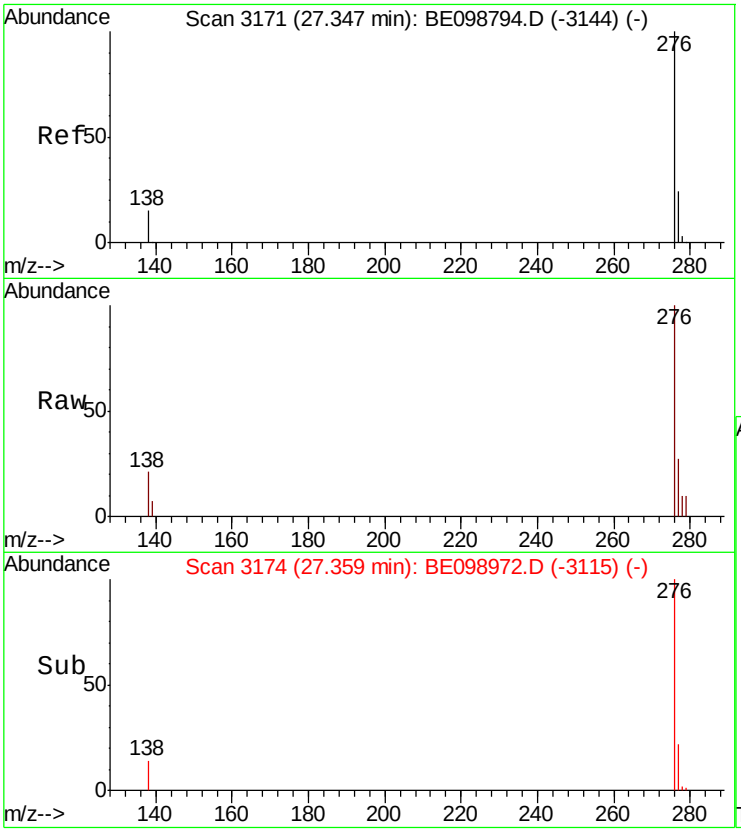


#38
Dibenzo(a,h)anthracene
Concen: 0.151 ng
RT: 26.59 min Scan# 2958
Delta R.T. 0.02 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Tgt Ion:278 Resp: 2960

Ion	Ratio	Lower	Upper
278	100		
139	19.9	11.8	17.6#
279	33.5	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.190 ng
RT: 27.36 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE098972.D
Acq: 15 Mar 2019 14:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3888

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.4	30.6
138	21.0	13.6	20.4#