Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
Data File : BE098971.D
Acq On : 15 Mar 2019 13:29
Operator : JU/SJ
Sample : K1882-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 15 14:29:28 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	7.79	152	858	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3674	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2370	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5891	0.40	ng		0.00
27) Chrysene-d12	21.39	240	7003	0.40	ng		-0.01
34) Perylene-d12	23.89	264	6493	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	368	0.14	ng		0.01
5) Phenol-d6	7.01	99	286	0.08	ng		0.02
8) Nitrobenzene-d5	8.98	82	1490	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	3073	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	487	0.41	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4890	0.50	ng		0.00
25) Fluoranthene-d10	19.24	212	32214	0.34	ng		0.00
29) Terphenyl-d14	19.84	244	7375	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	804	0.504	ng	#	76
3) n-Nitrosodimethylamine	3.66	42	174	0.081	ng	#	88
6) bis(2-Chloroethyl)ether	7.23	93	719	0.257	ng	#	60
9) Naphthalene	10.64	128	16051	0.381	ng		99
10) Hexachlorobutadiene	10.91	225	901	0.324	ng		98
12) 2-Methylnaphthalene	12.27	142	2604	0.382	ng		99
16) Acenaphthylene	14.18	152	4424	0.363	ng		99
17) Acenaphthene	14.53	154	2700	0.373	ng		98
18) Fluorene	15.50	166	3789	0.363	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1250	0.392	ng	#	78
21) Hexachlorobenzene	16.52	284	1410	0.371	ng		97
22) Pentachlorophenol	16.88	266	737	0.835	ng		86
23) Phenanthrene	17.25	178	6258	0.374	ng		99
24) Anthracene	17.35	178	5031	0.352	ng		99
26) Fluoranthene	19.28	202	8270	0.350	ng		100
28) Pyrene	19.63	202	8542	0.399	ng		100
30) Benzo(a)anthracene	21.38	228	7434	0.340	ng		98
31) Chrysene	21.44	228	8853	0.379	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16110	0.346	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7333	0.297	ng		99
35) Benzo(b)fluoranthene	23.18	252	8896	0.417	ng		96
36) Benzo(k)fluoranthene	23.18	252	9127	0.408	ng		98
37) Benzo(a)pyrene	23.80	252	8079	0.395	ng	#	92
38) Dibenzo(a,h)anthracene	26.56	278	2038	0.105	ng	#	95
39) Benzo(g,h,i)perylene	27.35	276	7046	0.348	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
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Acq On : 15 Mar 2019 13:29
Operator : JU/SJ
Sample : K1882-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 15 14:29:28 2019
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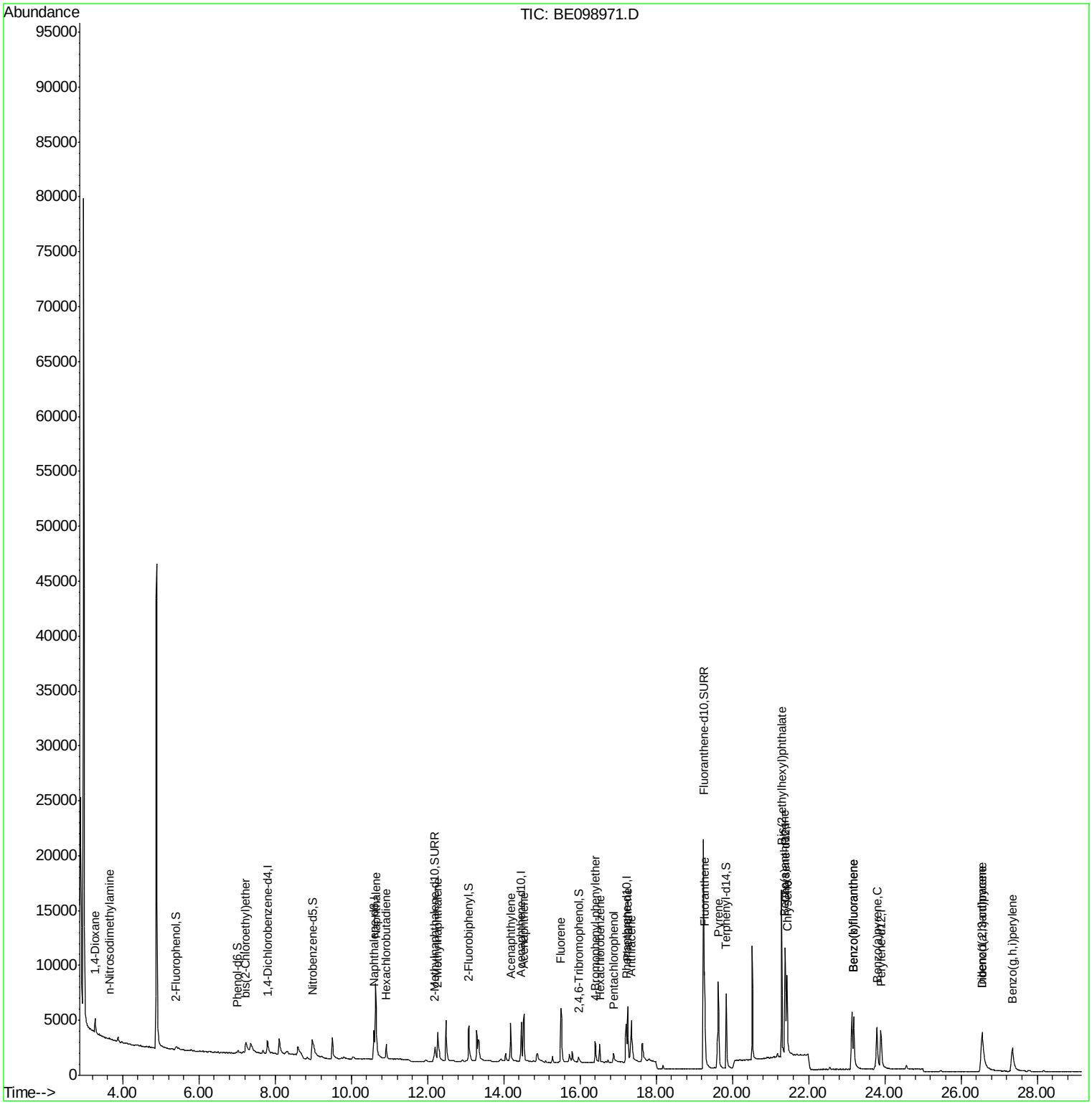
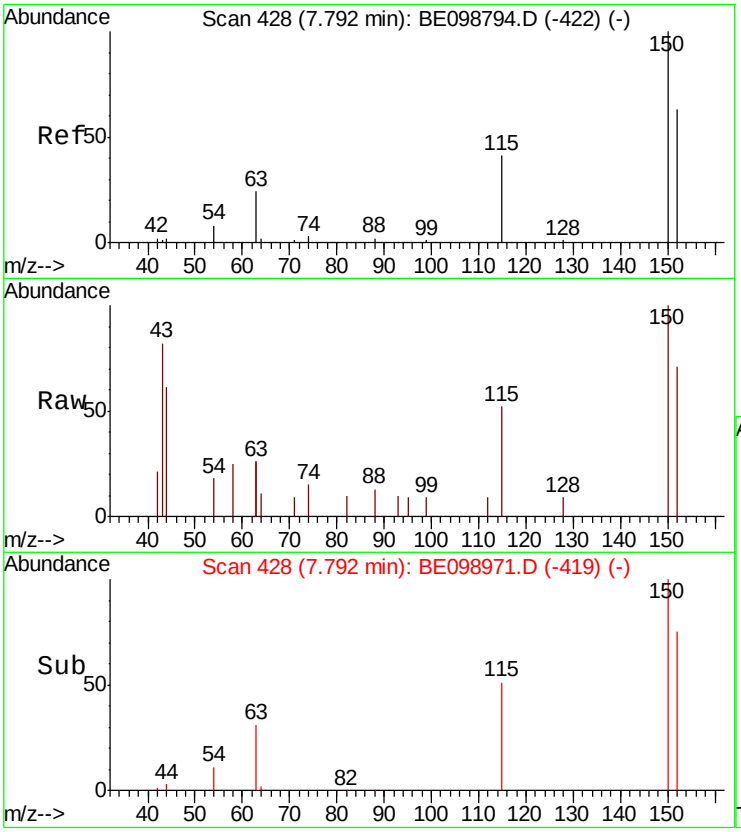
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



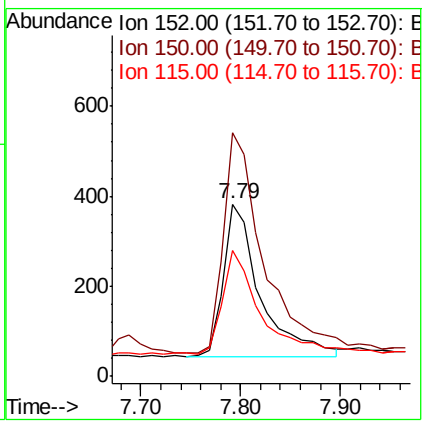


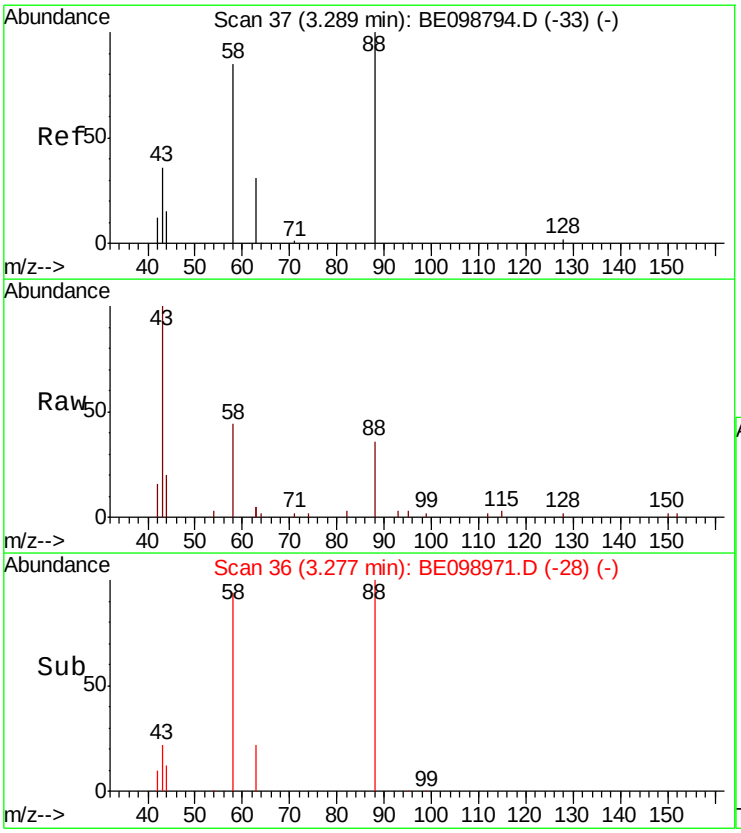
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 858

Ion	Ratio	Lower	Upper
152	100		
150	141.6	122.5	183.7
115	73.3	57.4	86.2

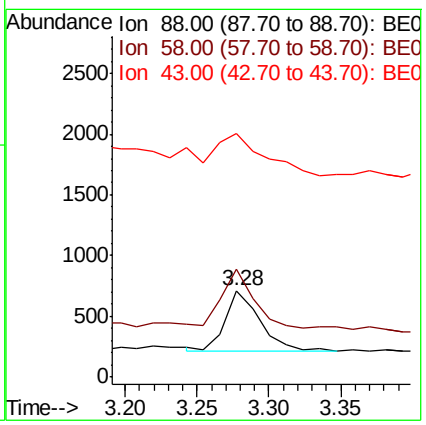


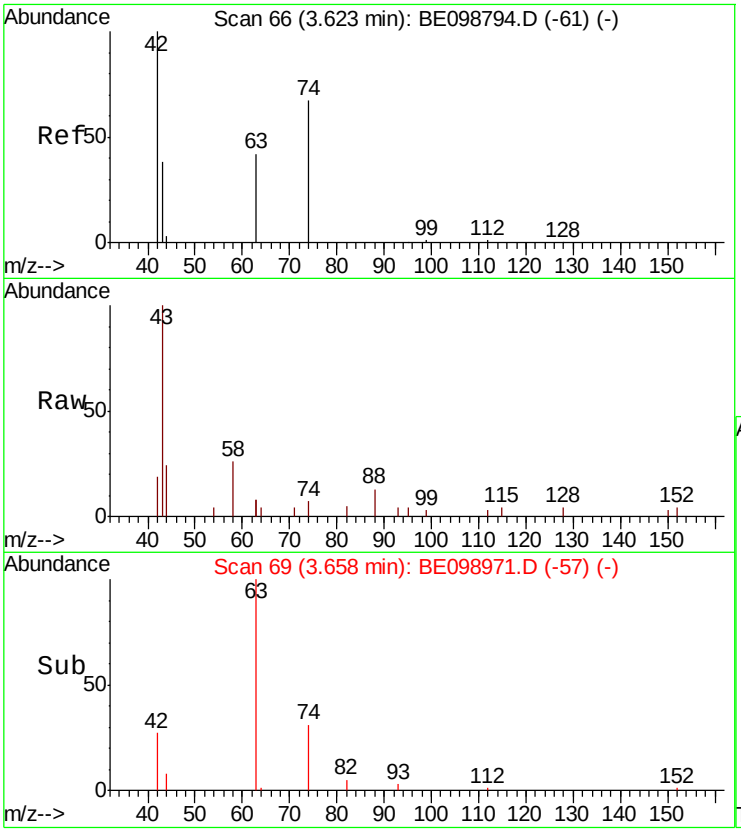


#2
1,4-Dioxane
Concen: 0.504 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion: 88 Resp: 804

Ion	Ratio	Lower	Upper
88	100		
58	97.5	75.8	113.6
43	95.5	41.8	62.8#



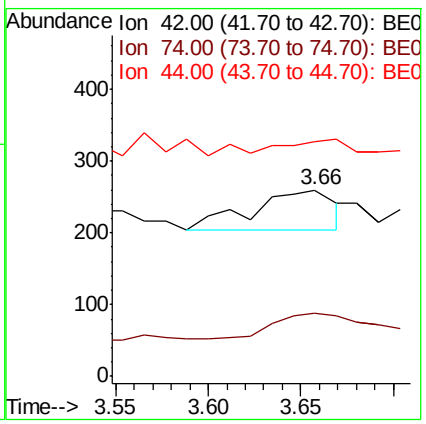


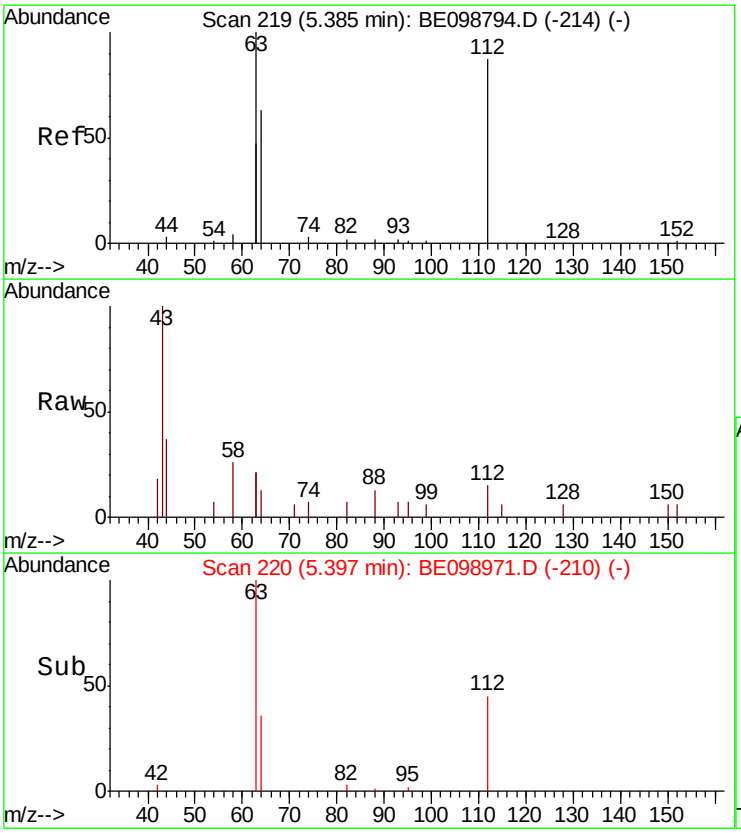
#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.03 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 174

Ion	Ratio	Lower	Upper
42	100		
74	60.9	57.0	85.4
44	24.1	0.0	0.0#

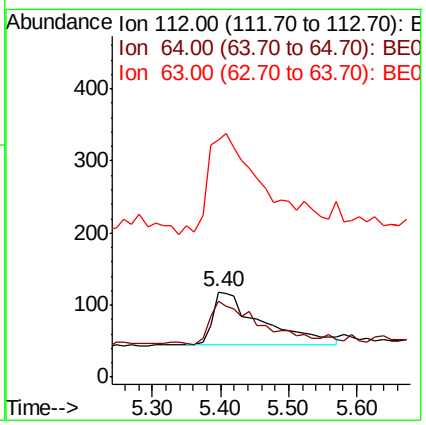


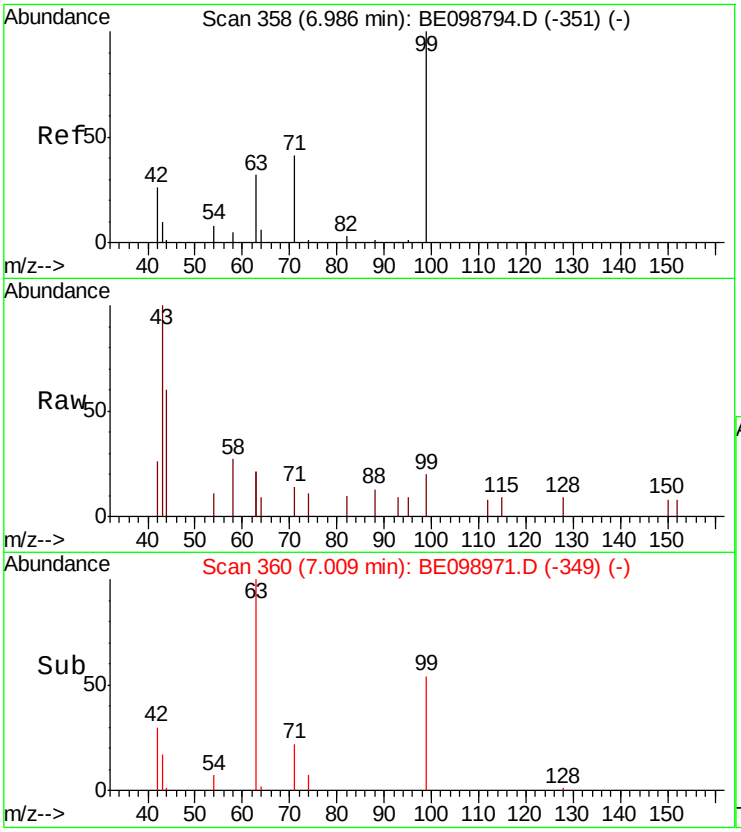


#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:112 Resp: 368

Ion	Ratio	Lower	Upper
112	100		
64	85.1	57.9	86.9
63	224.2	158.3	237.5



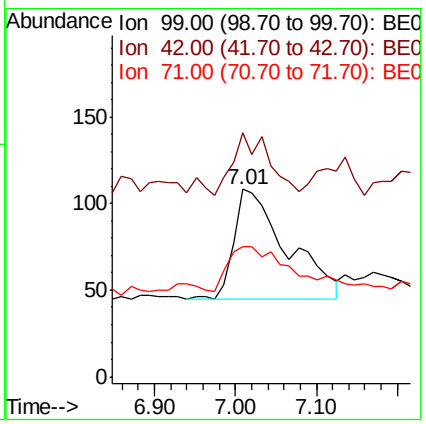


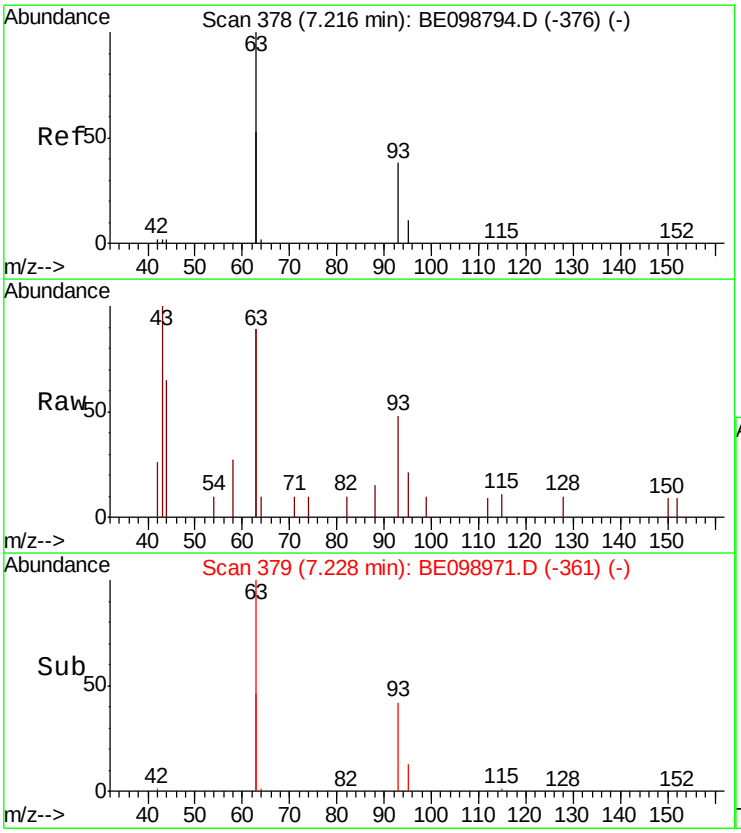
#5
Phenol-d6
Concen: 0.079 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 286

Ion	Ratio	Lower	Upper
99	100		
42	38.8	24.2	36.2#
71	54.2	35.7	53.5#

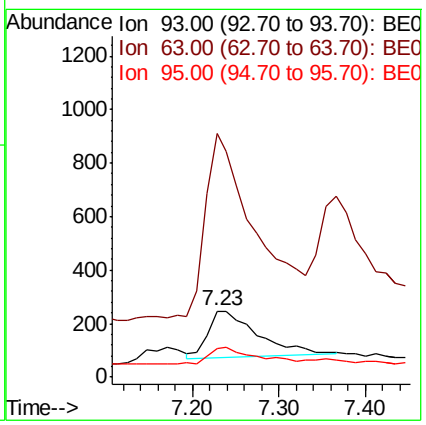


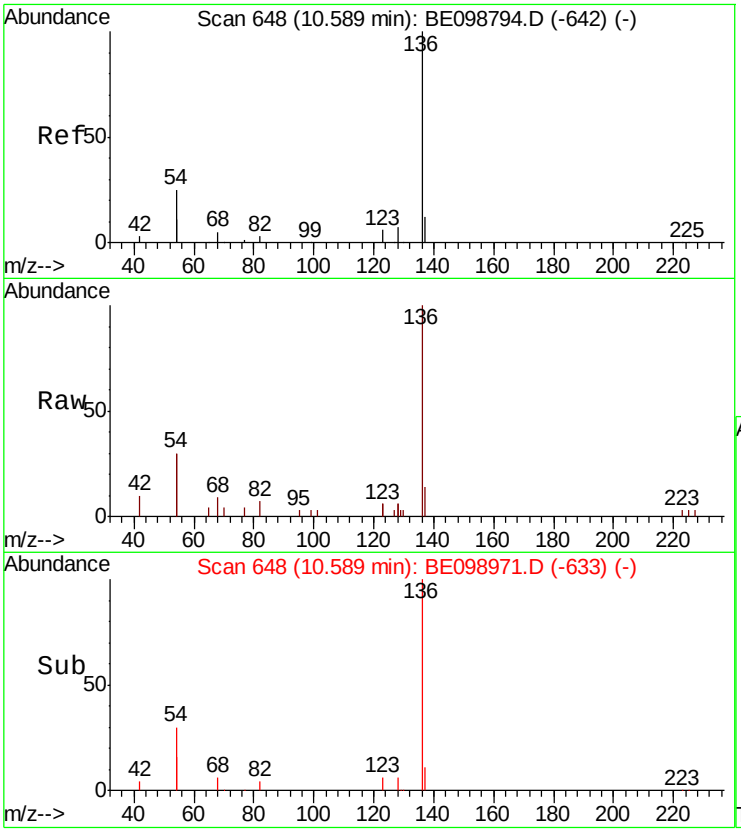


#6
bis(2-Chloroethyl)ether
Concen: 0.257 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion: 93 Resp: 719

Ion	Ratio	Lower	Upper
93	100		
63	395.8	247.5	371.3#
95	32.0	21.8	32.8



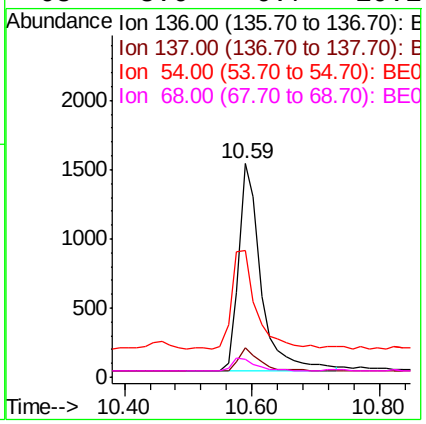


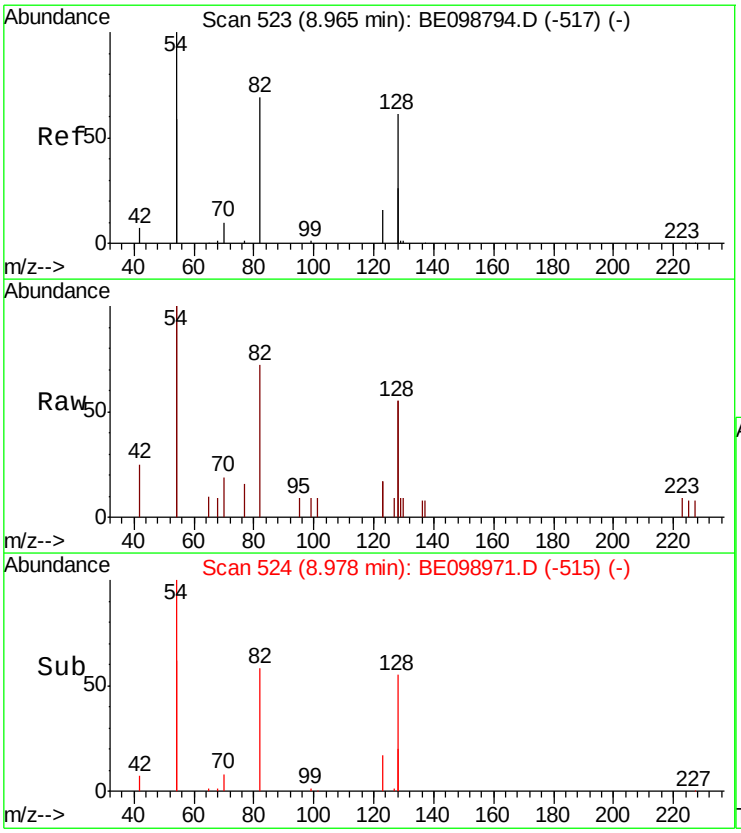
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3674

Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.4	17.0
54	59.2	39.3	58.9#
68	8.6	6.7	10.1

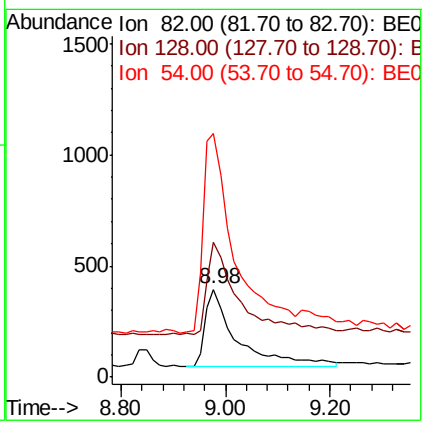


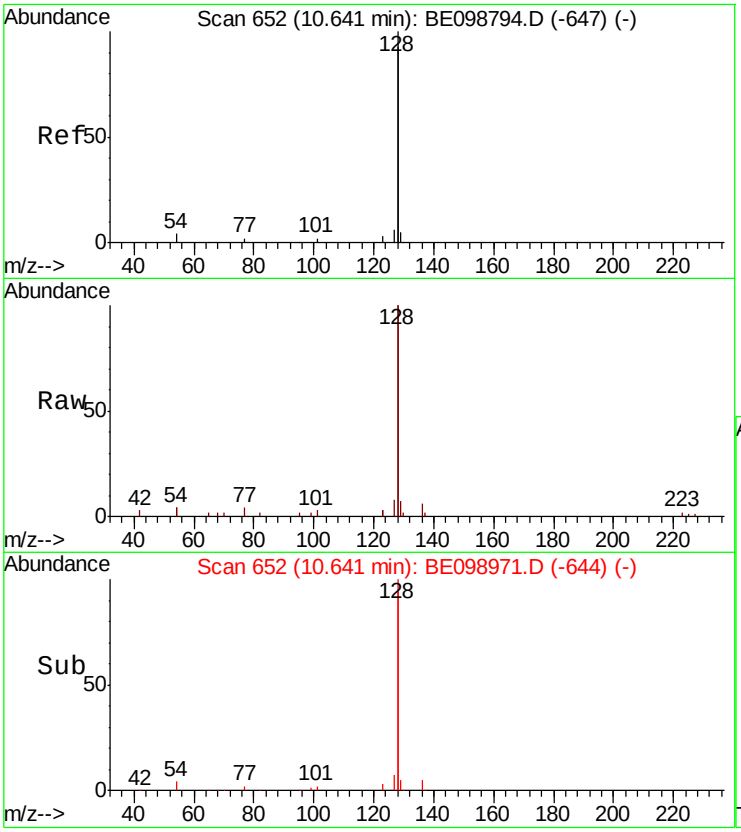


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion: 82 Resp: 1490

Ion	Ratio	Lower	Upper
82	100		
128	153.4	123.8	185.8
54	277.5	203.4	305.2



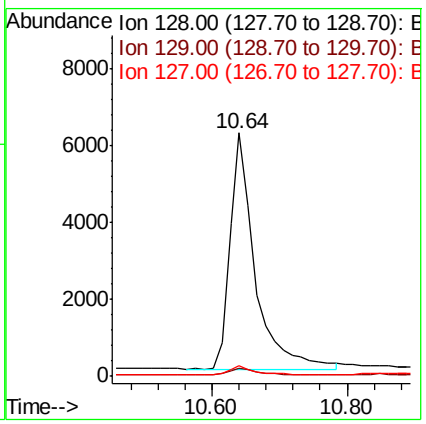


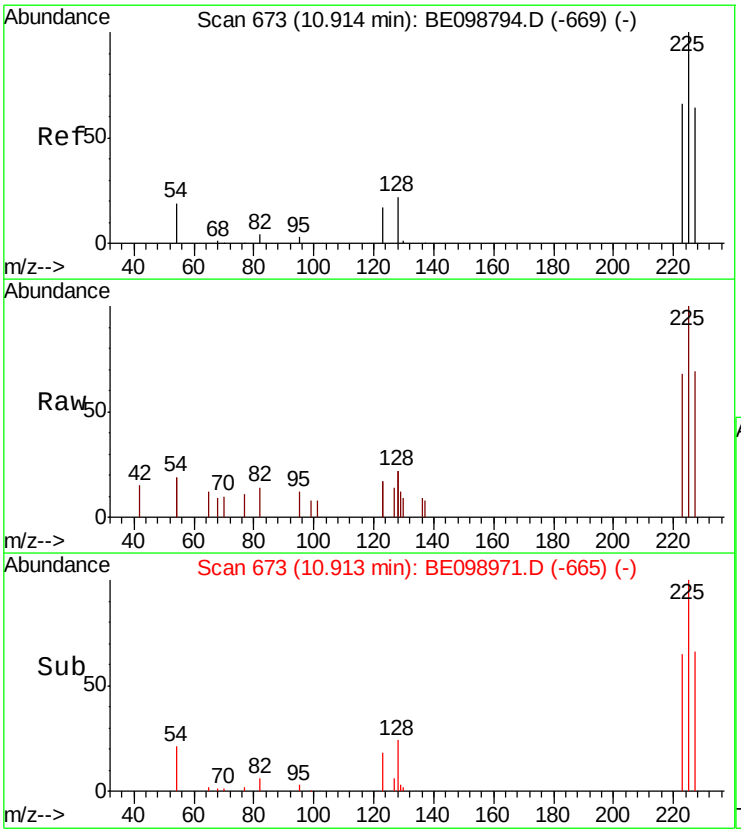
#9
Naphthalene
Concen: 0.381 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 16051

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.1	3.1	4.7

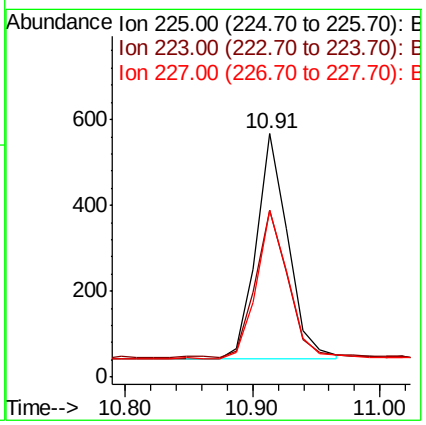


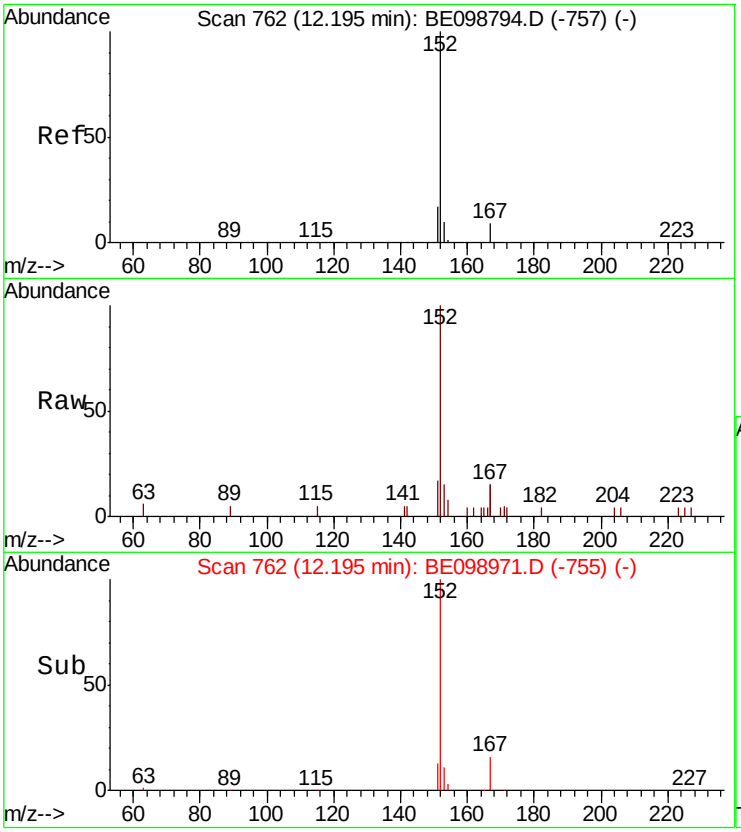


#10
Hexachlorobutadiene
Concen: 0.324 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:225 Resp: 901

Ion	Ratio	Lower	Upper
225	100		
223	66.0	51.1	76.7
227	65.6	51.6	77.4



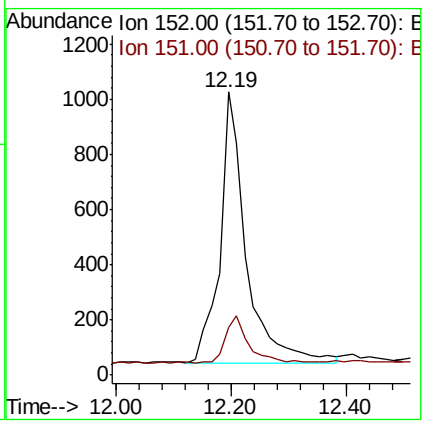


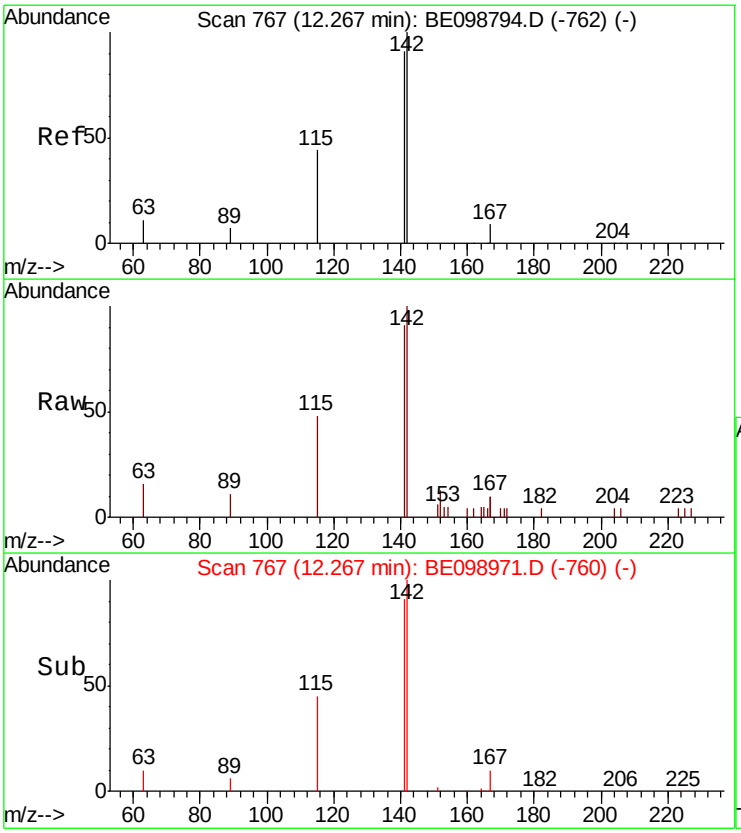
#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3073

Ion	Ratio	Lower	Upper
152	100		
151	15.4	16.5	24.7#

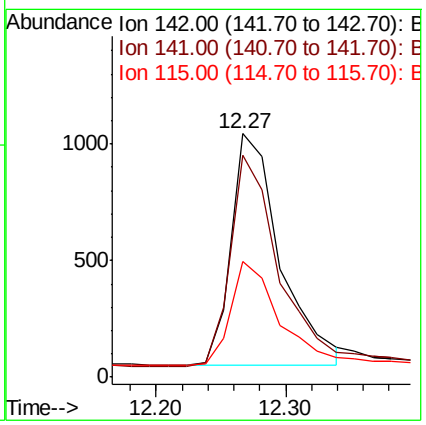


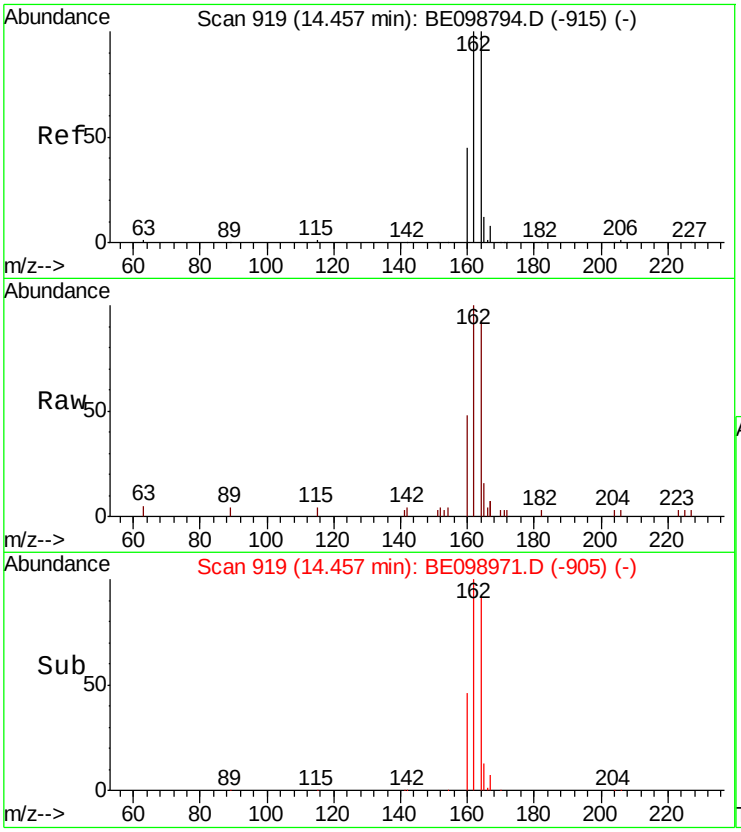


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:142 Resp: 2604

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8
115	47.5	37.4	56.2



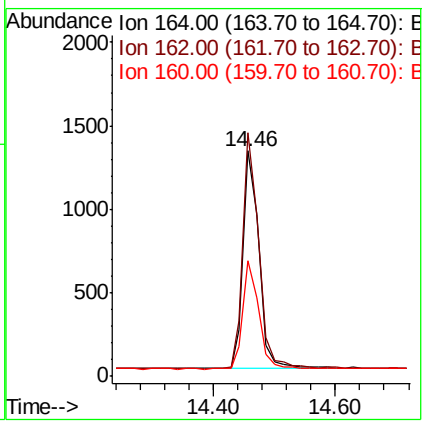


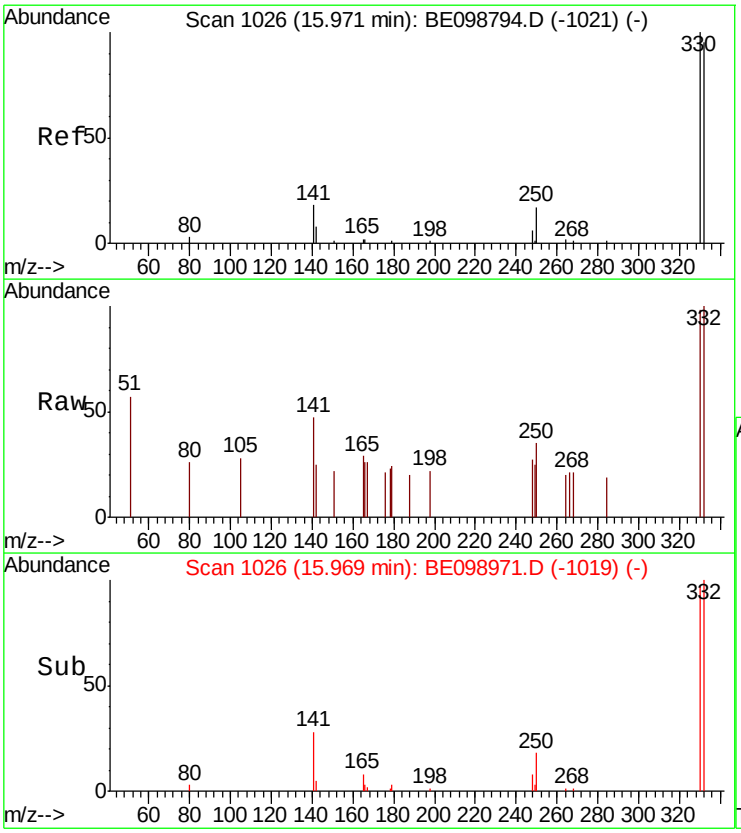
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2370

Ion	Ratio	Lower	Upper
164	100		
162	107.9	80.2	120.2
160	51.4	37.8	56.8

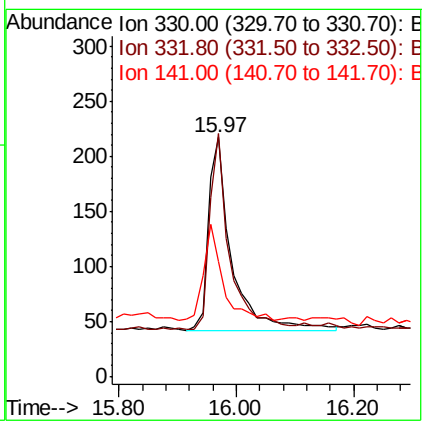


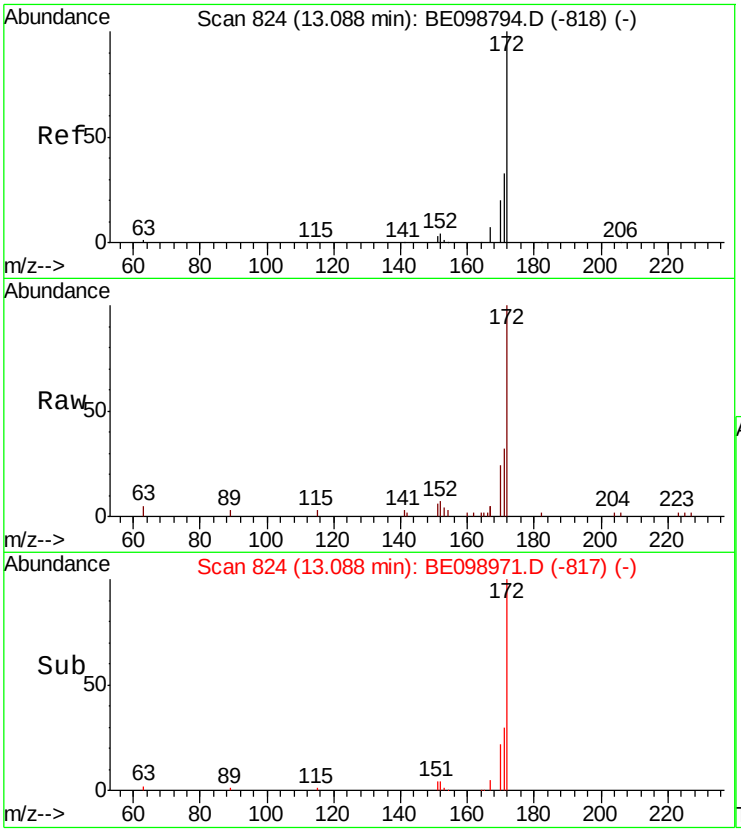


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:330 Resp: 487

Ion	Ratio	Lower	Upper
330	100		
332	85.8	77.6	116.4
141	40.7	31.0	46.4



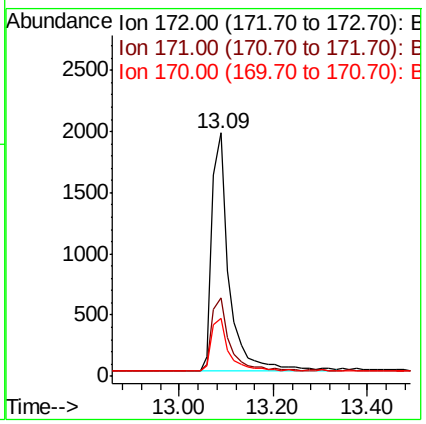


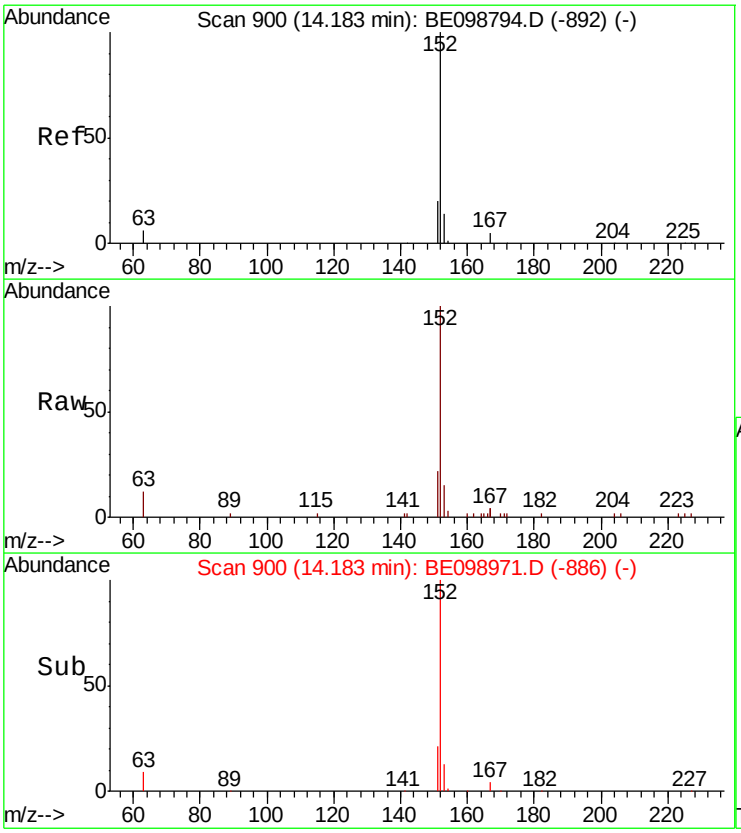
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4890

Ion	Ratio	Lower	Upper
172	100		
171	32.0	28.0	42.0
170	24.0	17.7	26.5

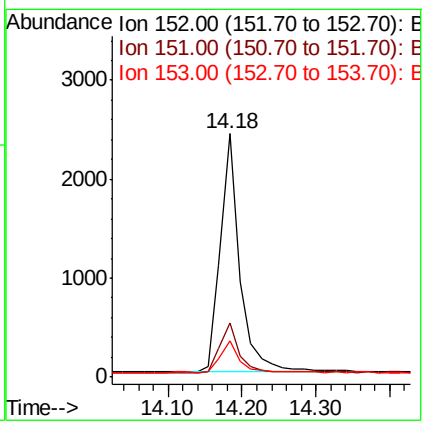


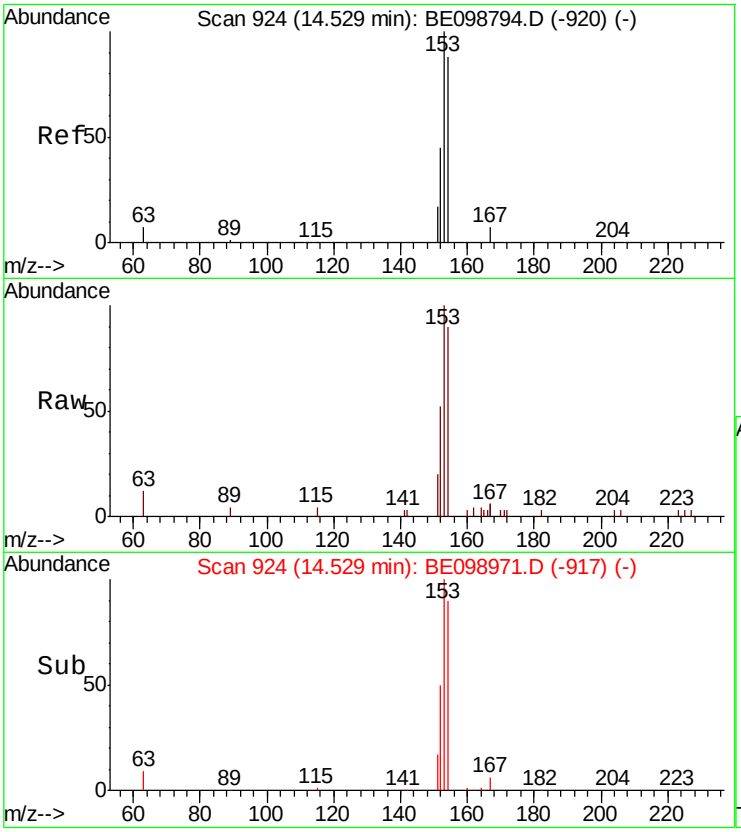


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:152 Resp: 4424

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.6	11.2	16.8



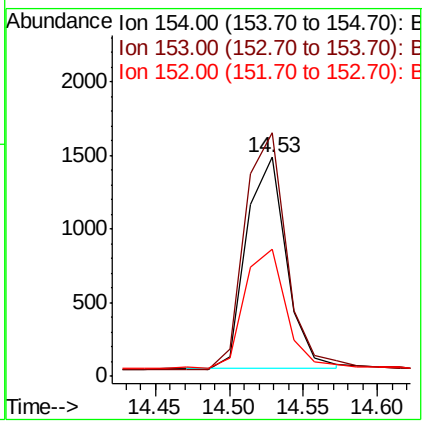


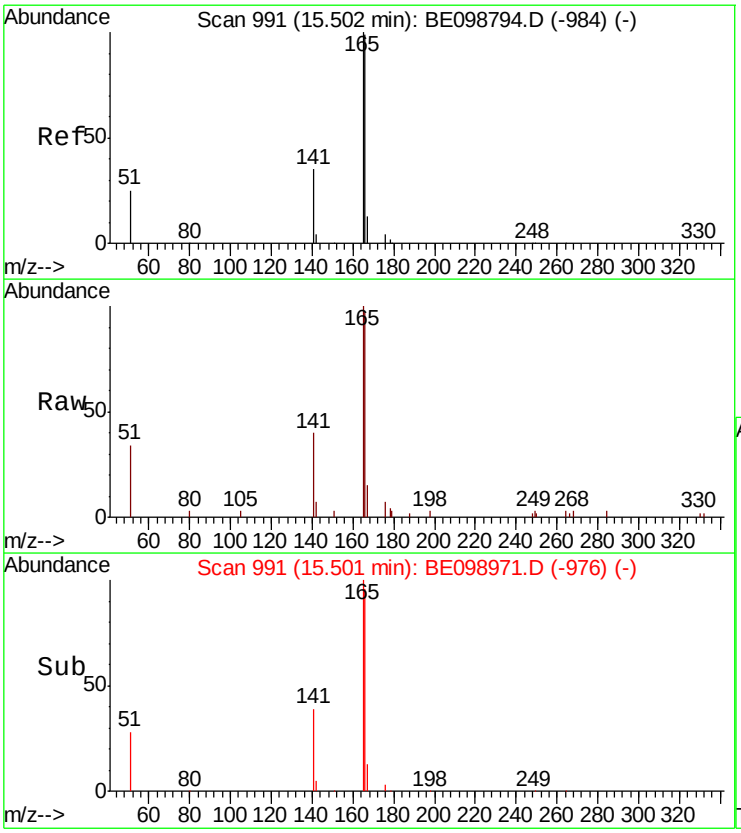
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2700

Ion	Ratio	Lower	Upper
154	100		
153	115.7	94.2	141.4
152	58.6	45.0	67.4

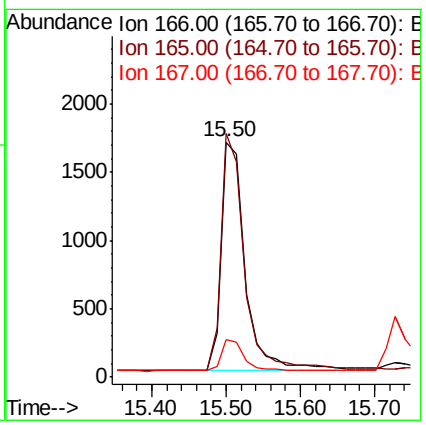


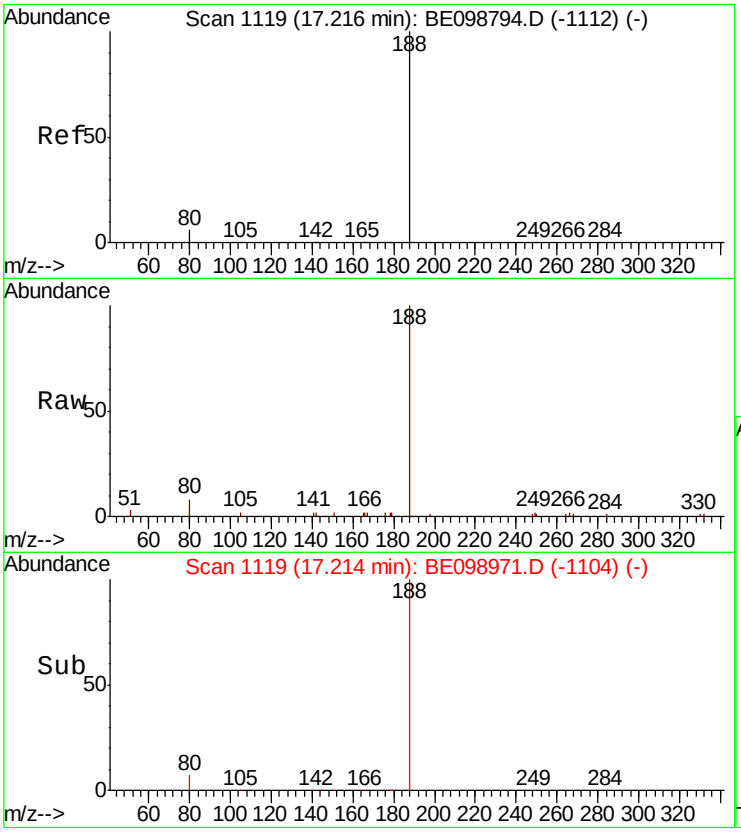


#18
Fluorene
Concen: 0.363 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:166 Resp: 3789

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.3	118.9
167	12.8	10.5	15.7



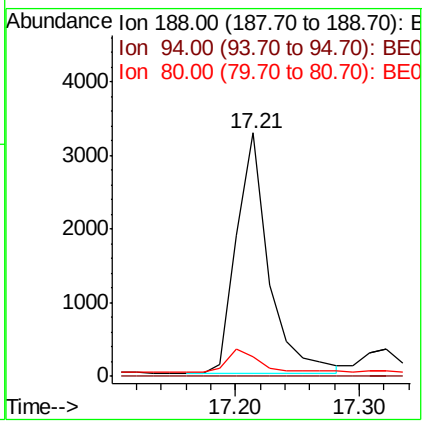


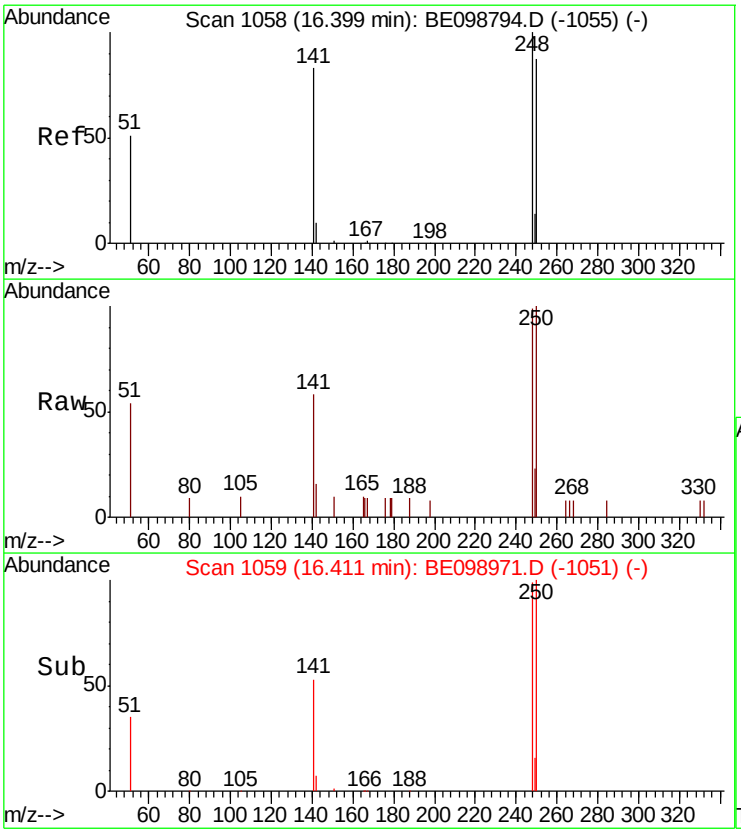
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5891

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

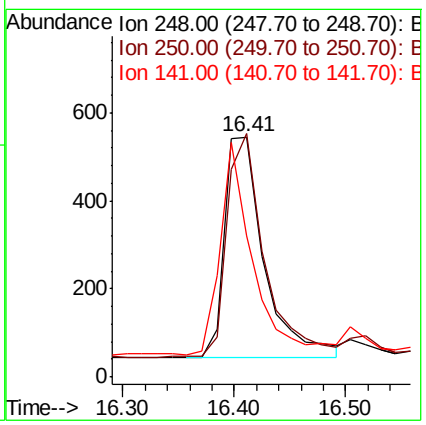


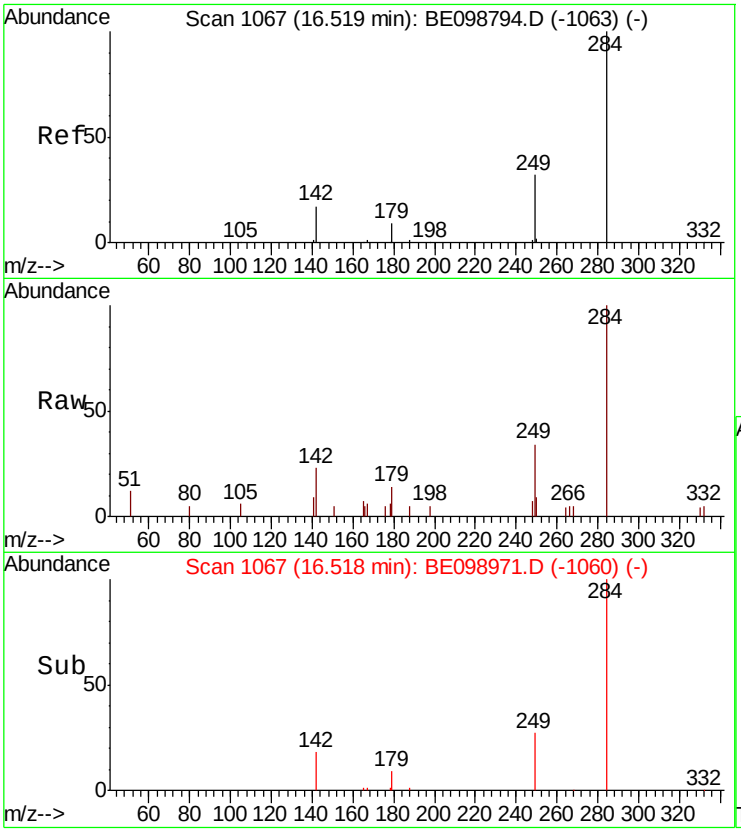


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:248 Resp: 1250

Ion	Ratio	Lower	Upper
248	100		
250	101.5	70.6	105.8
141	58.5	68.6	102.8#



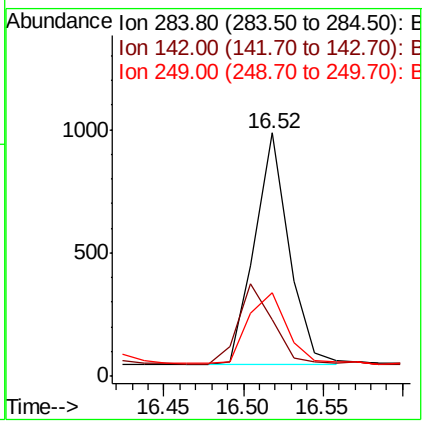


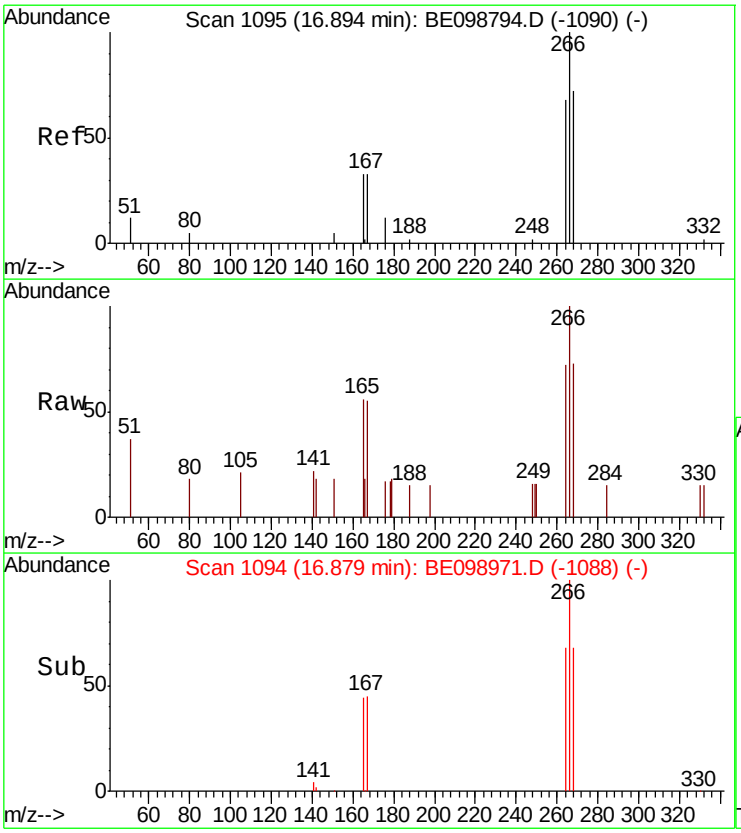
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1410

Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.7	43.1
249	34.7	29.6	44.4

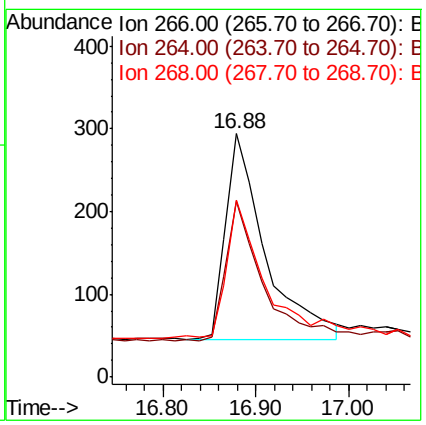


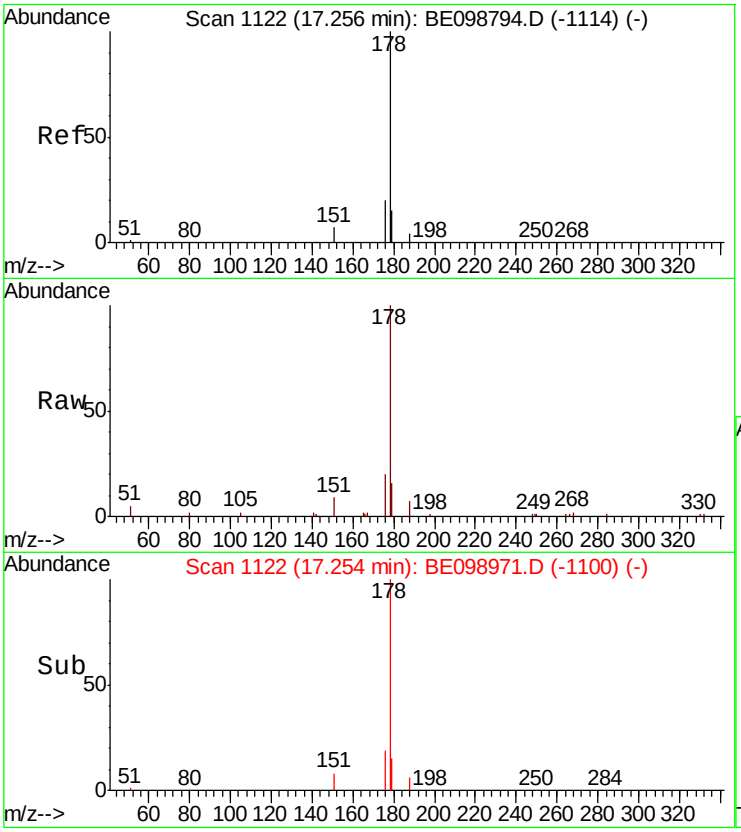


#22
Pentachlorophenol
Concen: 0.835 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:266 Resp: 737

Ion	Ratio	Lower	Upper
266	100		
264	72.4	66.6	100.0
268	72.8	69.8	104.8



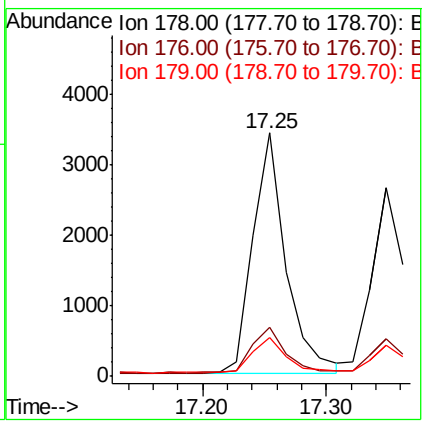


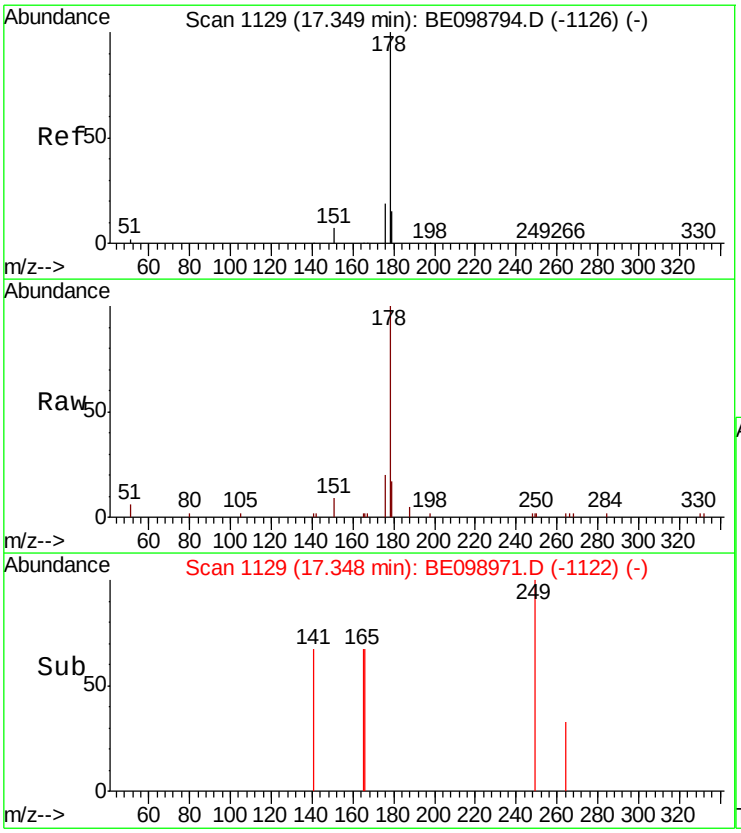
#23
Phenanthrene
Concen: 0.374 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6258

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.9	12.1	18.1

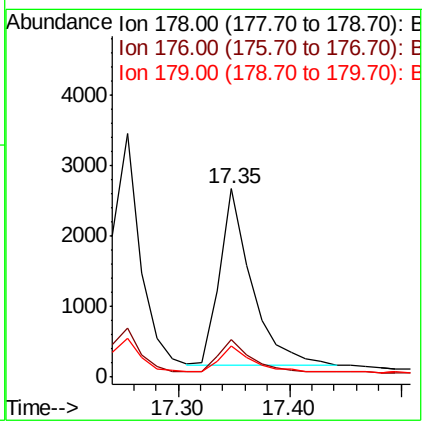


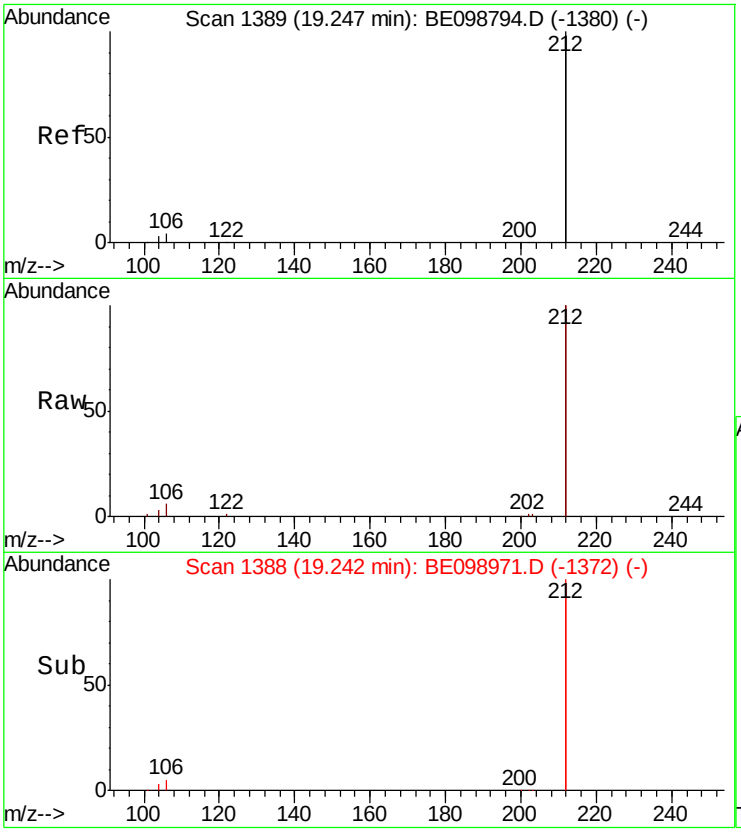


#24
Anthracene
Concen: 0.352 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:178 Resp: 5031

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.1	12.2	18.4



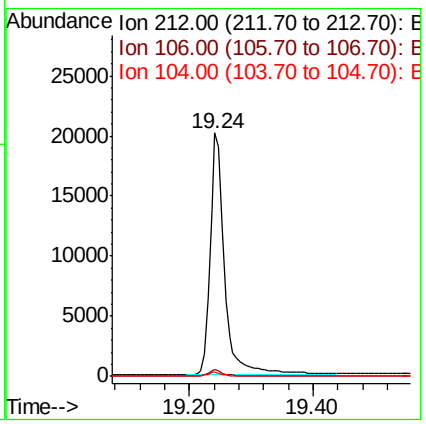


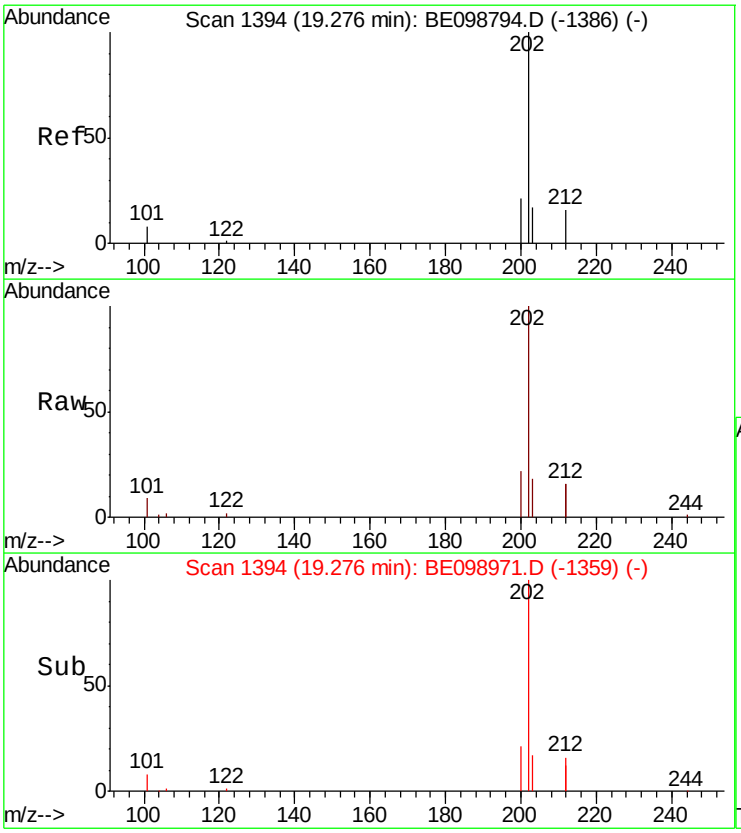
#25
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 32214

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

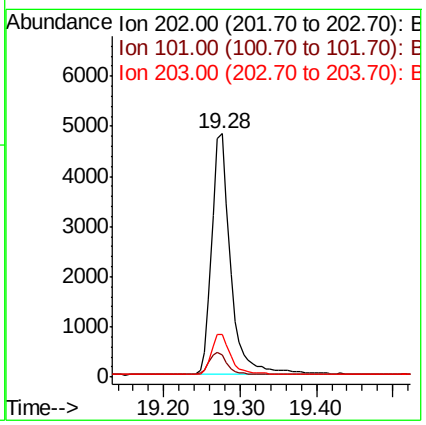


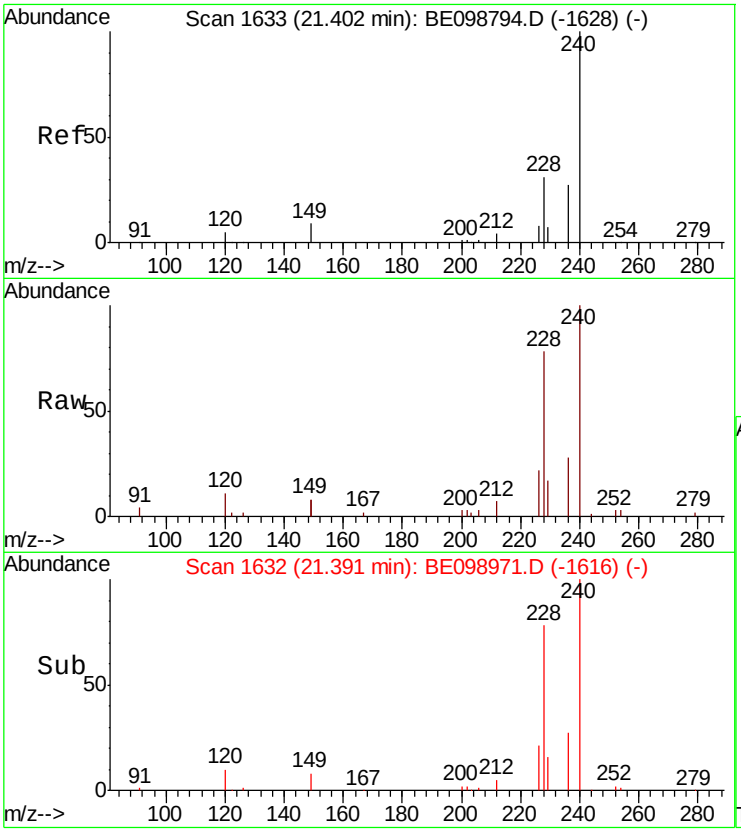


#26
Fluoranthene
Concen: 0.350 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:202 Resp: 8270

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	16.9	13.4	20.2



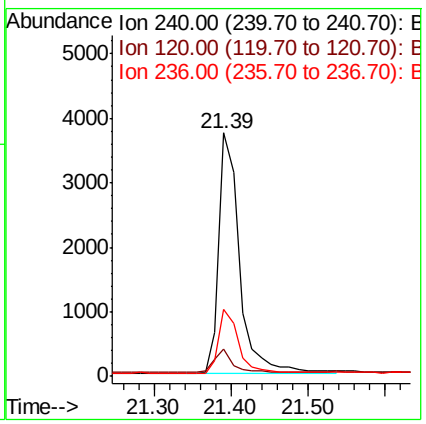


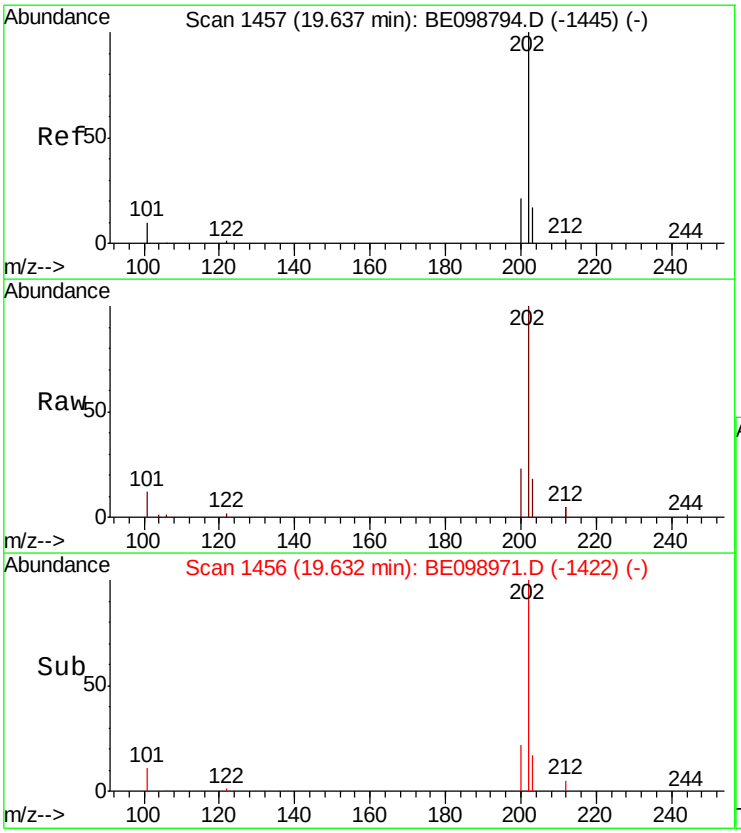
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7003

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.0	7.4#
236	27.7	22.7	34.1

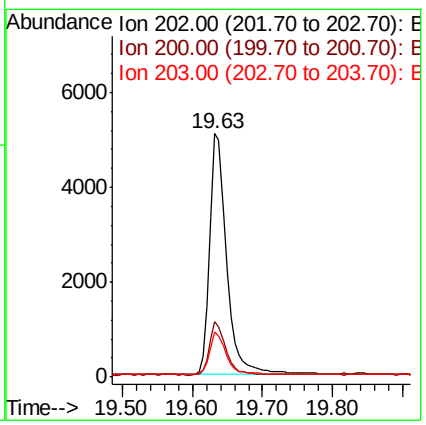


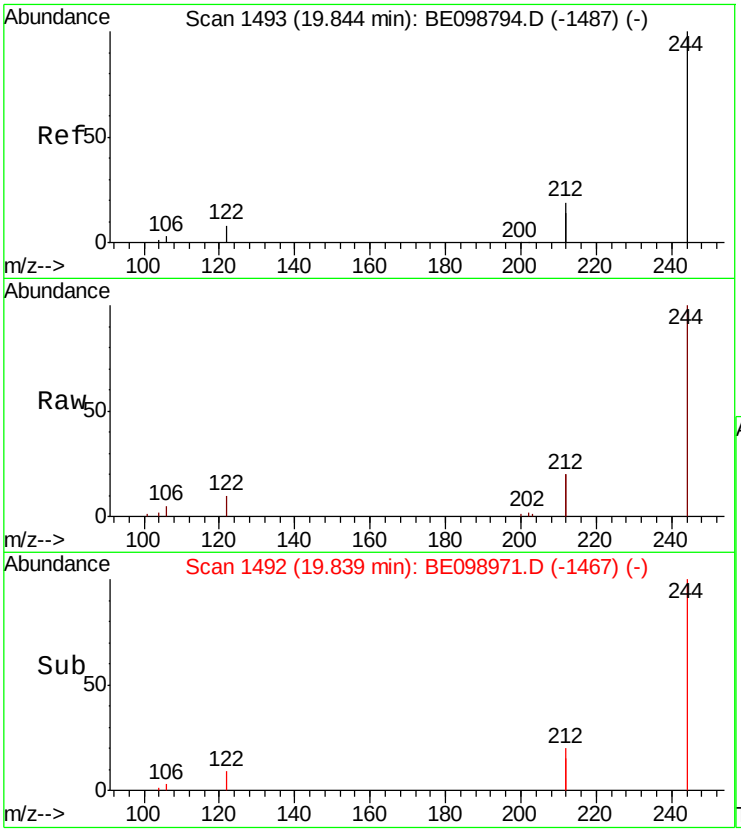


#28
Pyrene
Concen: 0.399 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:202 Resp: 8542

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.7	14.2	21.2



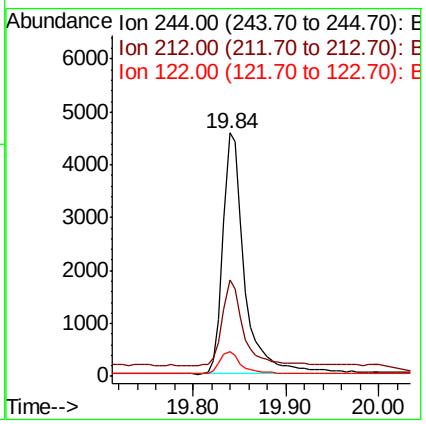


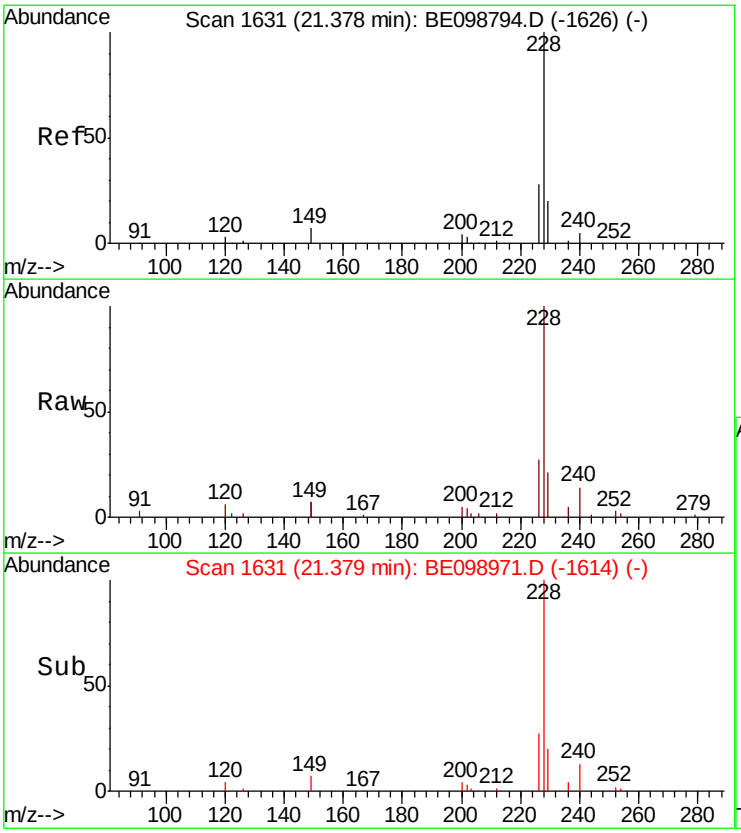
#29
Terphenyl-d14
Concen: 0.433 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7375

Ion	Ratio	Lower	Upper
244	100		
212	39.6	29.4	44.2
122	10.0	7.1	10.7

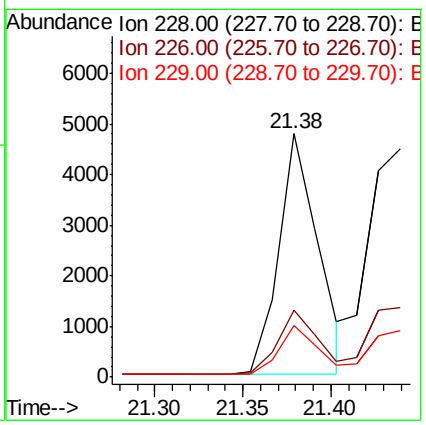


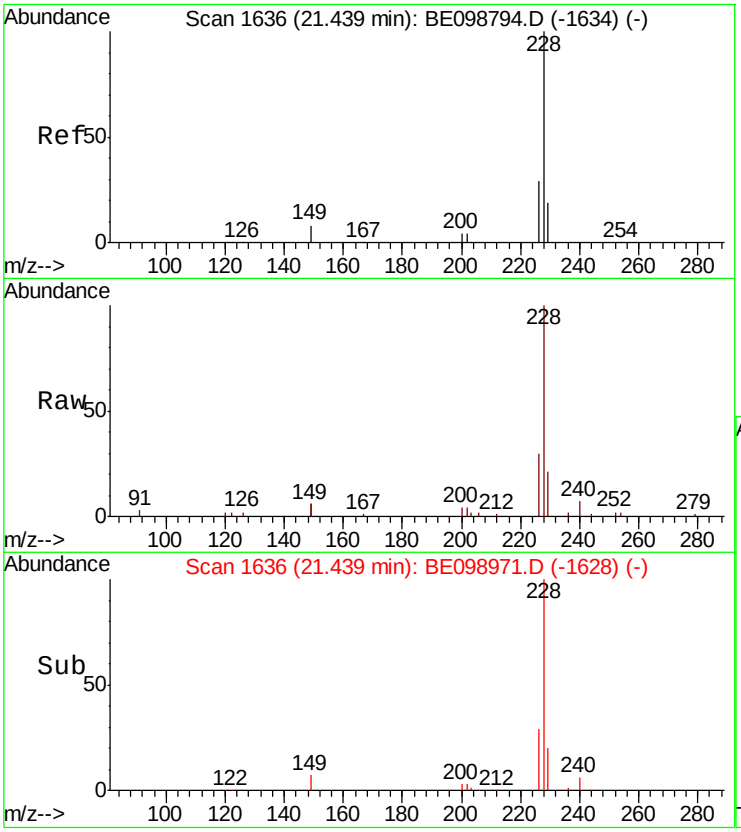


#30
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:228 Resp: 7434

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	21.0	16.5	24.7



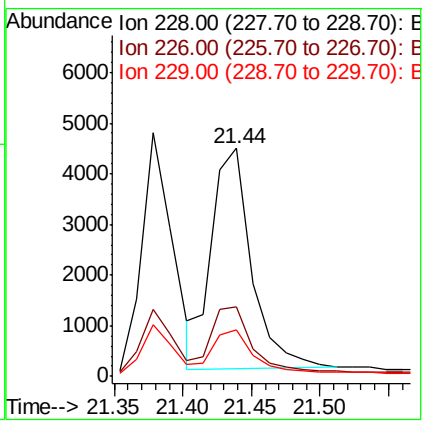


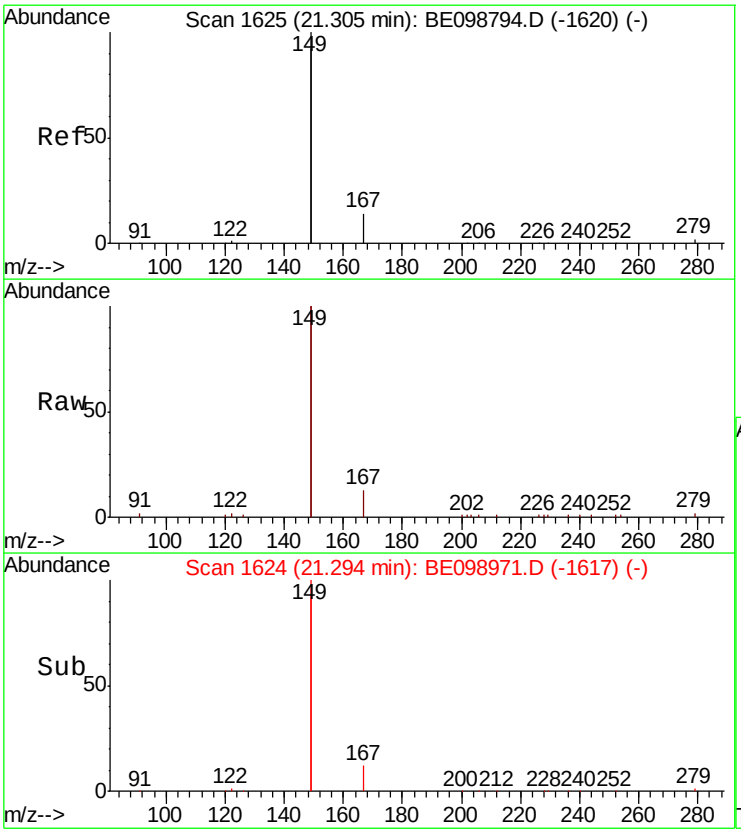
#31
Chrysene
Concen: 0.379 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8853

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.5	16.1	24.1

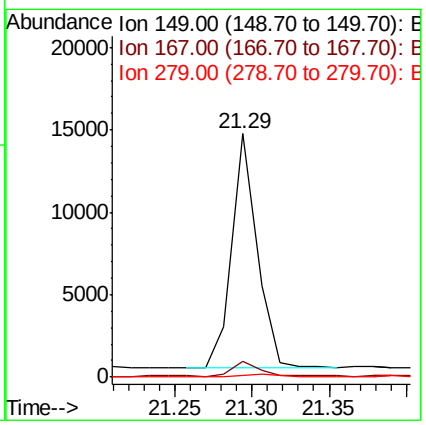


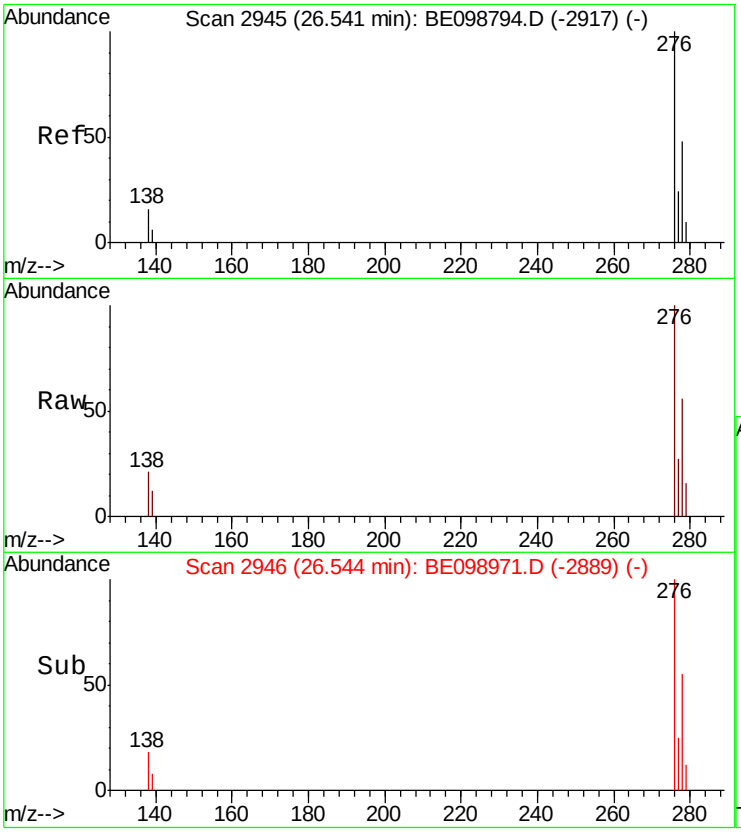


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:149 Resp: 16110

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	1.0	1.4



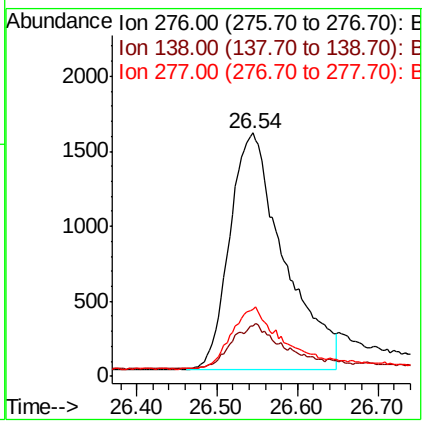


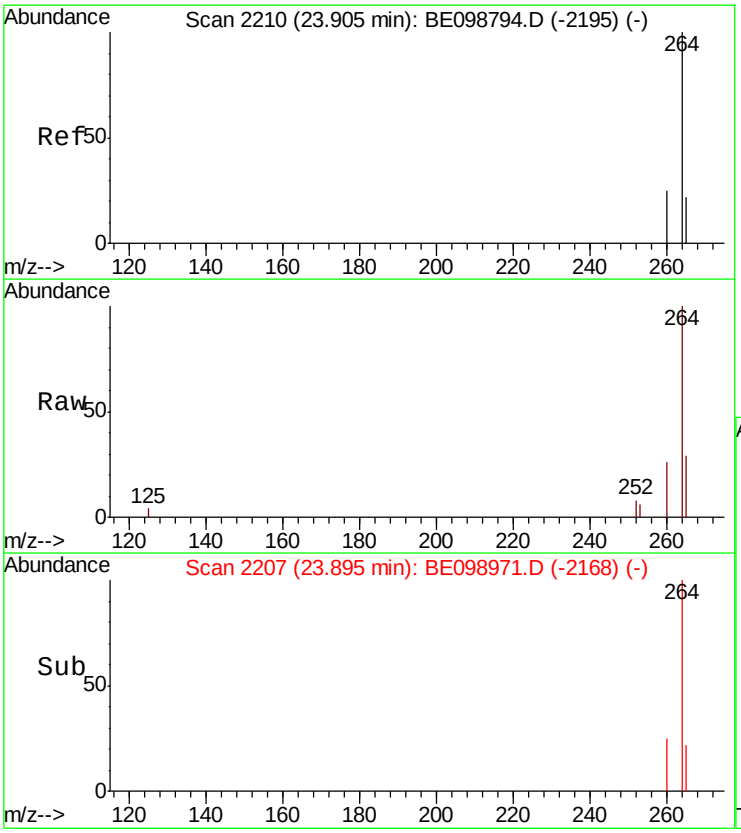
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7333

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.8	20.8
277	24.2	19.5	29.3

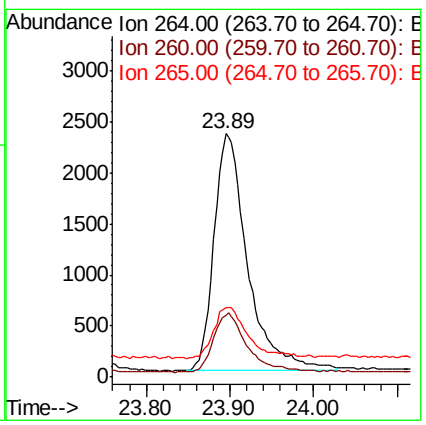


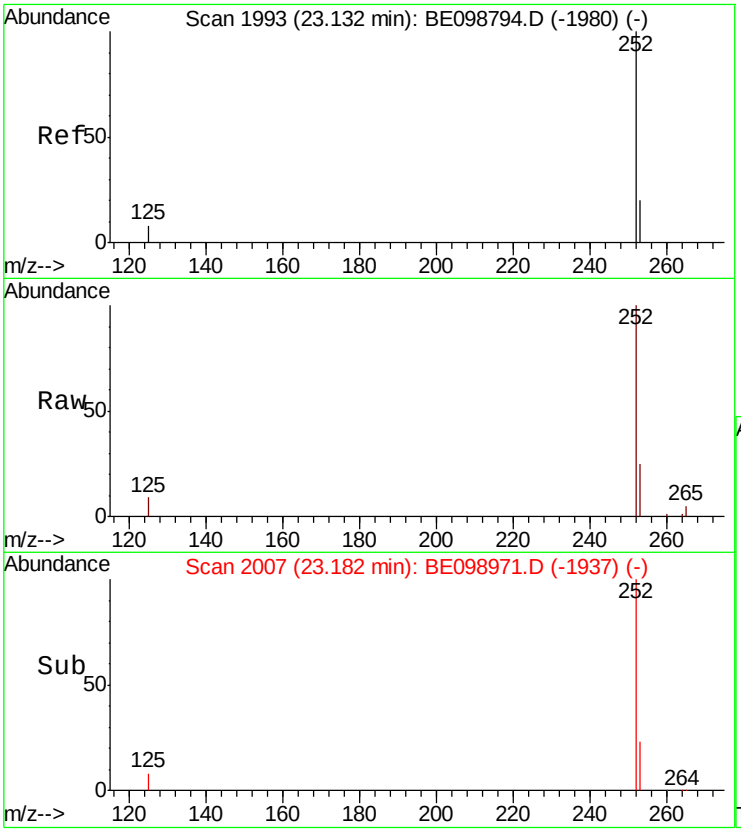


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:264 Resp: 6493

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.2	31.8
265	28.7	24.6	36.8



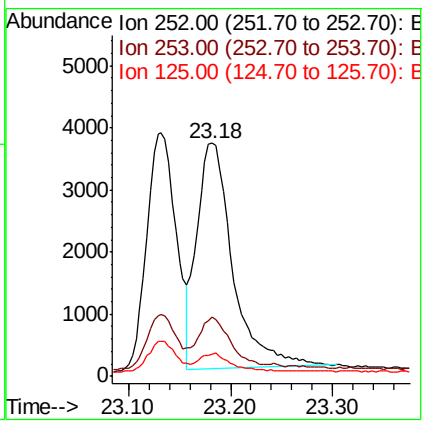


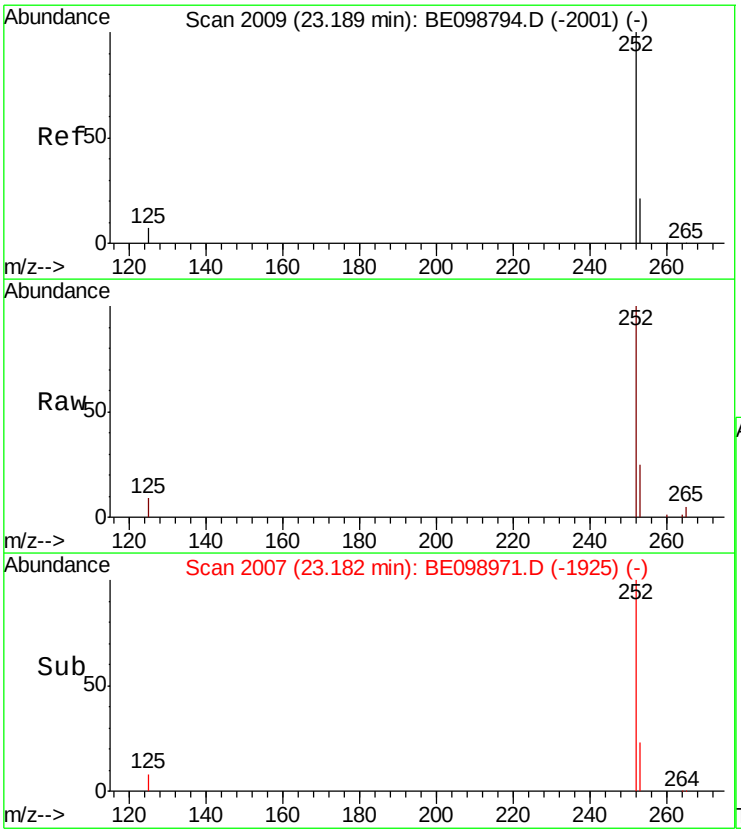
#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 23.18 min Scan# 2007
Delta R.T. 0.05 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8896

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	9.4	7.3	10.9

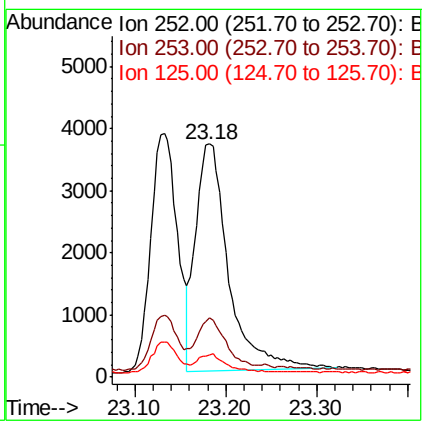


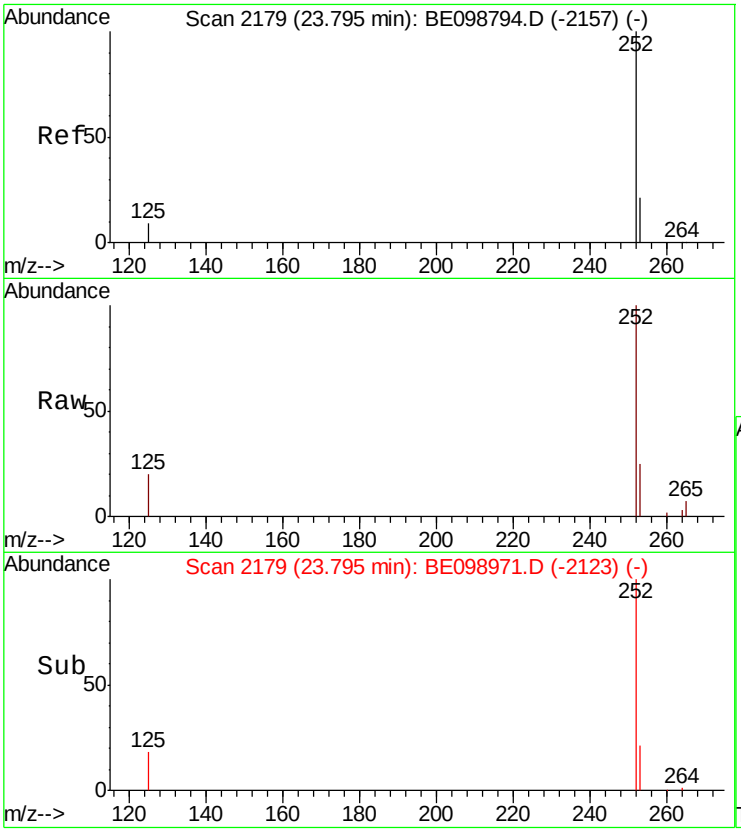


#36
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:252 Resp: 9127

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.3	28.9
125	9.4	7.5	11.3



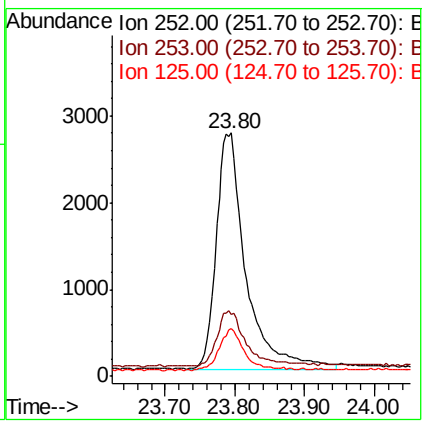


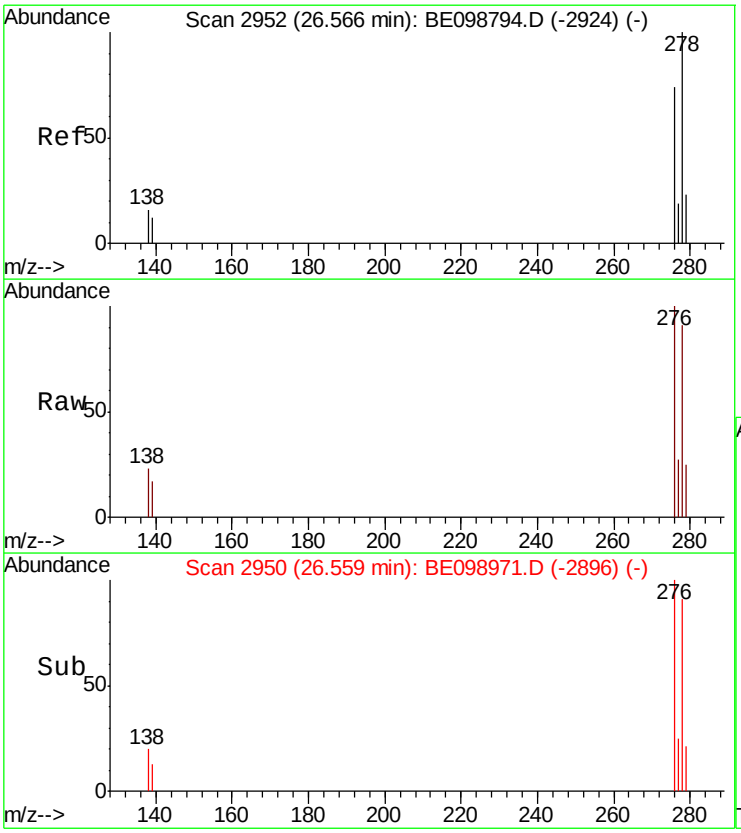
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.80 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8079

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.9	29.9
125	19.7	9.0	13.4#

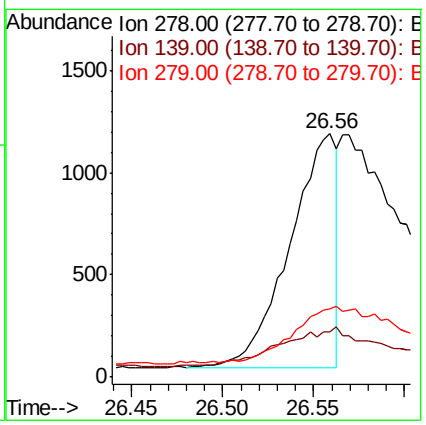


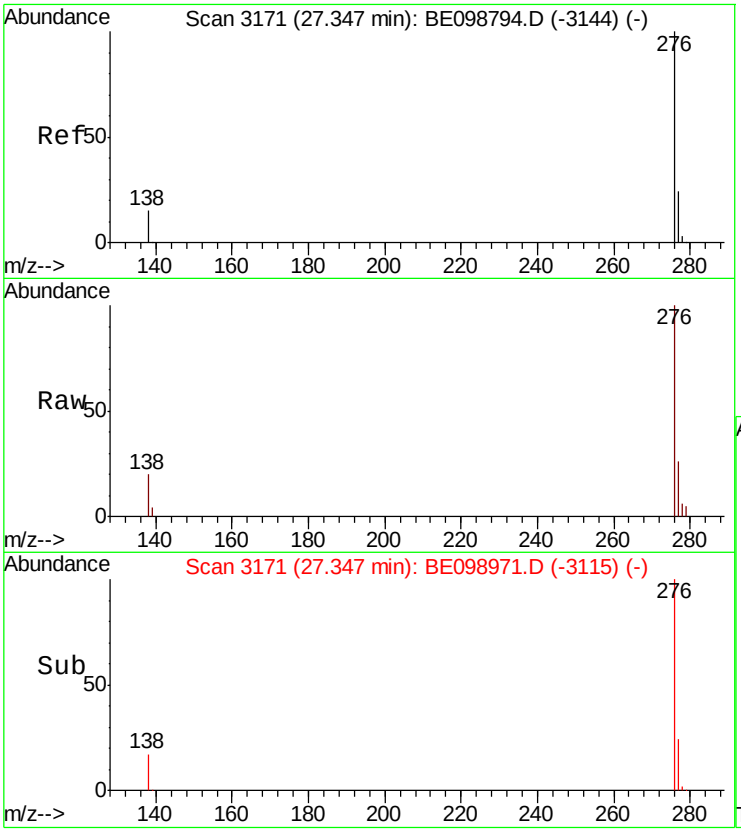


#38
Dibenzo(a,h)anthracene
Concen: 0.105 ng
RT: 26.56 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion:278 Resp: 2038

Ion	Ratio	Lower	Upper
278	100		
139	18.3	11.8	17.6#
279	27.8	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7046

Ion	Ratio	Lower	Upper
276	100		
277	26.3	20.4	30.6
138	19.9	13.6	20.4