Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
Data File : BE098509.D
Acq On : 18 Dec 2018 10:10
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 18 11:27:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1053	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	5118	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	3154	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7355	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	8229	0.40	ng		-0.01
34) Perylene-d12	24.00	264	7580	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1193	0.48	ng		0.00
5) Phenol-d6	7.03	99	1838	0.53	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1633	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3565	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	16.02	330	542	0.47	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	5450	0.41	ng		0.00
25) Fluoranthene-d10	19.30	212	38681	0.41	ng		0.00
29) Terphenyl-d14	19.90	244	7700	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	717	0.394	ng		88
3) n-Nitrosodimethylamine	3.67	42	814	0.497	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	1589	0.479	ng		96
9) Naphthalene	10.71	128	22040	0.428	ng		100
10) Hexachlorobutadiene	10.99	225	1270	0.387	ng		98
12) 2-Methylnaphthalene	12.33	142	3780	0.452	ng		96
16) Acenaphthylene	14.24	152	5667	0.384	ng		100
17) Acenaphthene	14.59	154	3615	0.407	ng		96
18) Fluorene	15.57	166	4807	0.405	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1805	0.456	ng	#	75
21) Hexachlorobenzene	16.58	284	1782	0.419	ng		91
22) Pentachlorophenol	16.93	266	659	0.837	ng		95
23) Phenanthrene	17.31	178	7977	0.446	ng		99
24) Anthracene	17.40	178	6935	0.435	ng		100
26) Fluoranthene	19.33	202	9918	0.419	ng		98
28) Pyrene	19.69	202	10306	0.399	ng		100
30) Benzo(a)anthracene	21.44	228	9941	0.424	ng		99
31) Chrysene	21.49	228	10221	0.416	ng		97
32) Bis(2-ethylhexyl)phthalate	21.35	149	332162	6.979	ng		99
33) Indeno(1,2,3-cd)pyrene	26.69	276	8781	0.360	ng	#	86
35) Benzo(b)fluoranthene	23.22	252	9926	0.479	ng		98
36) Benzo(k)fluoranthene	23.26	252	10657	0.441	ng		99
37) Benzo(a)pyrene	23.88	252	9034	0.422	ng		99
38) Dibenzo(a,h)anthracene	26.71	278	7245	0.360	ng		97
39) Benzo(g,h,i)perylene	27.51	276	6957	0.343	ng		98

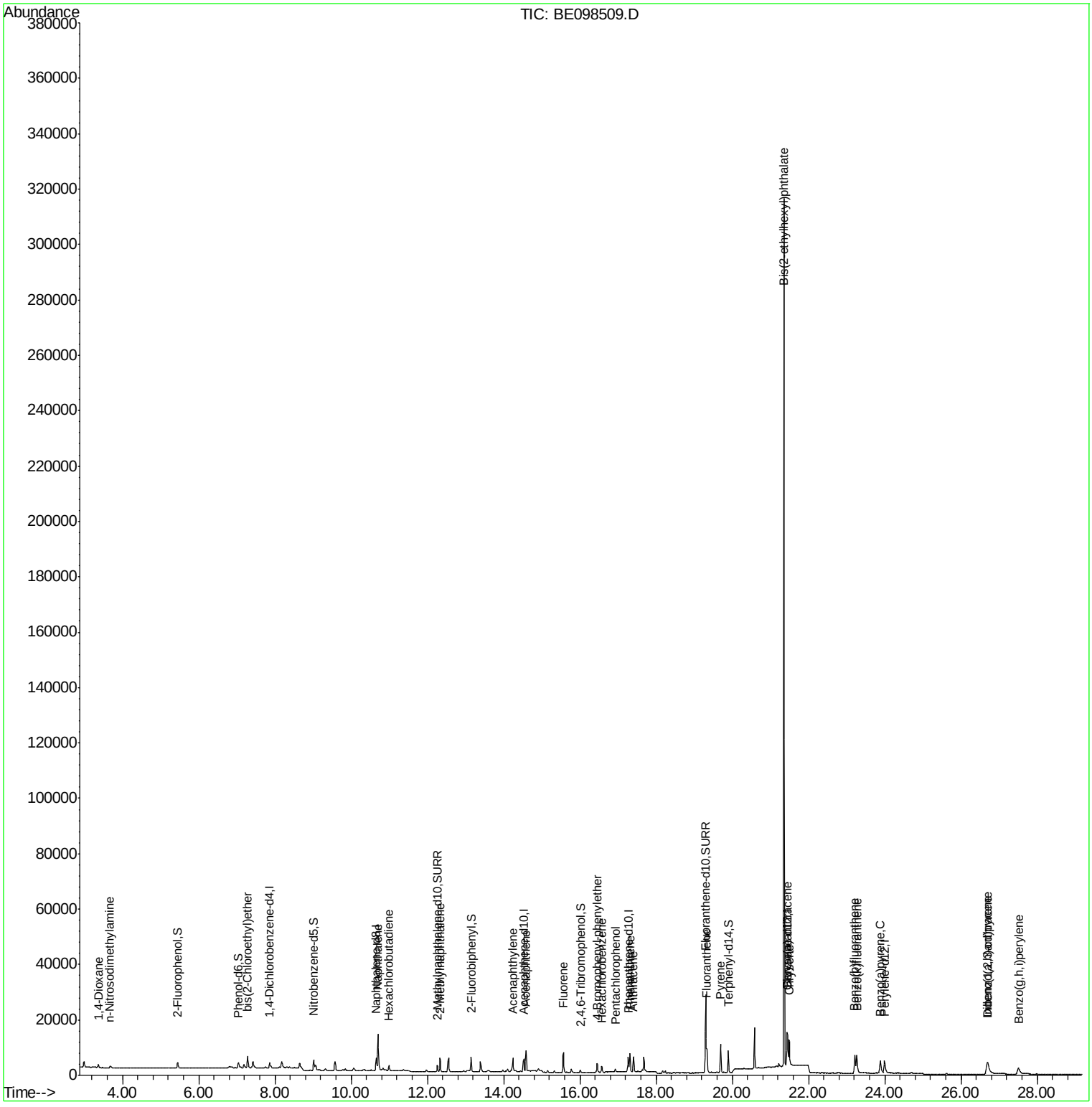
(#) = qualifier out of range (m) = manual integration (+) = signals summed

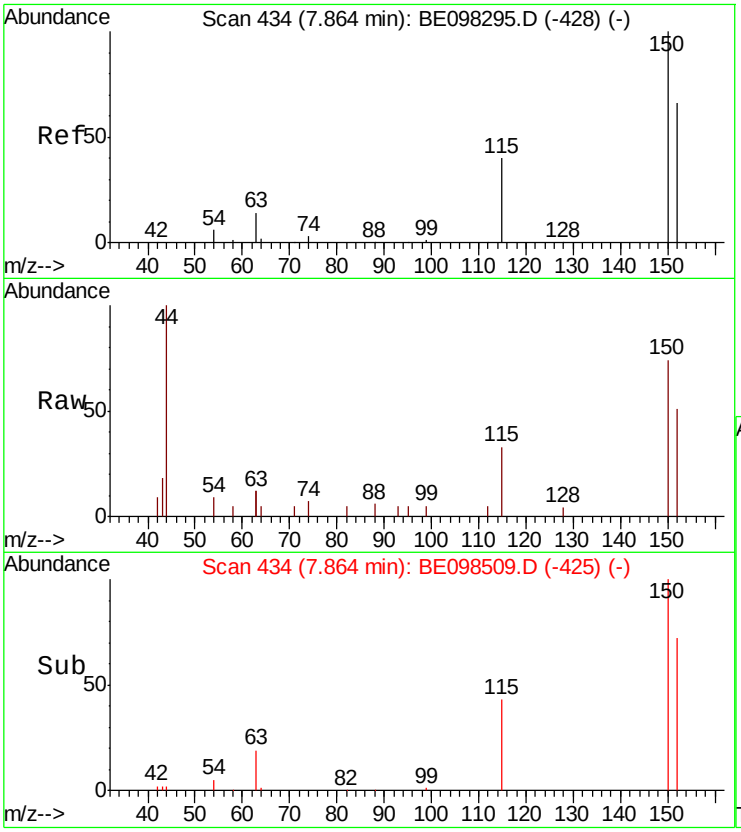
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
Data File : BE098509.D
Acq On : 18 Dec 2018 10:10
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 18 11:27:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



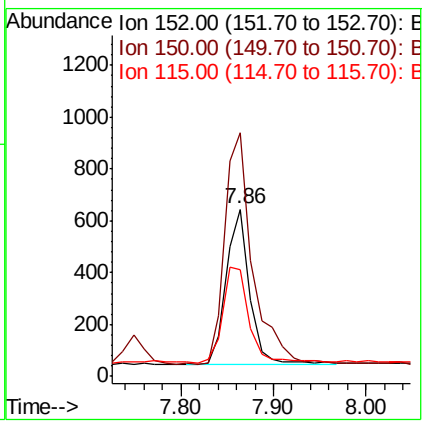


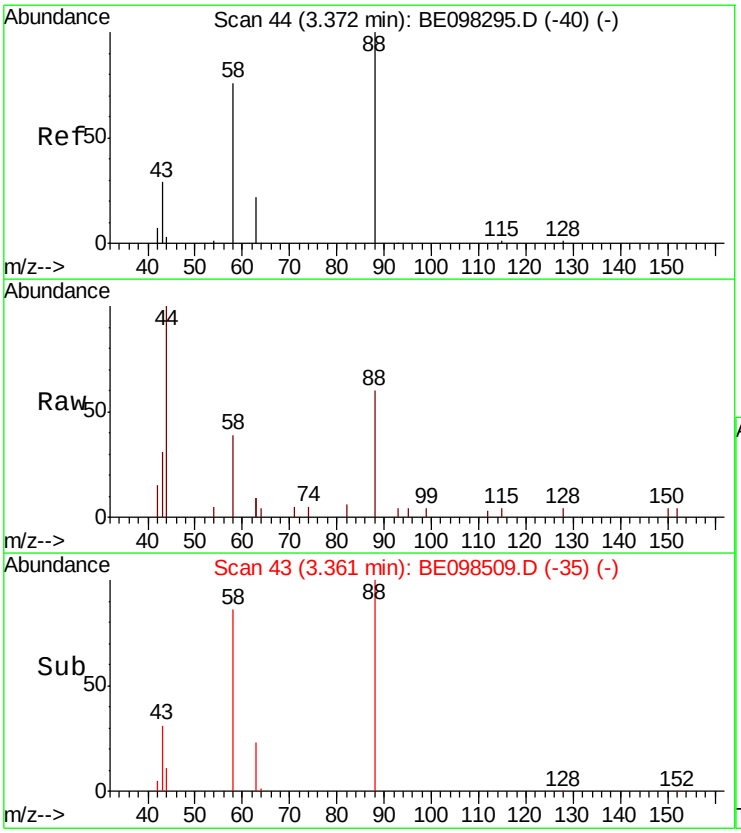
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1053

Ion	Ratio	Lower	Upper
152	100		
150	145.6	124.2	186.4
115	63.9	53.9	80.9

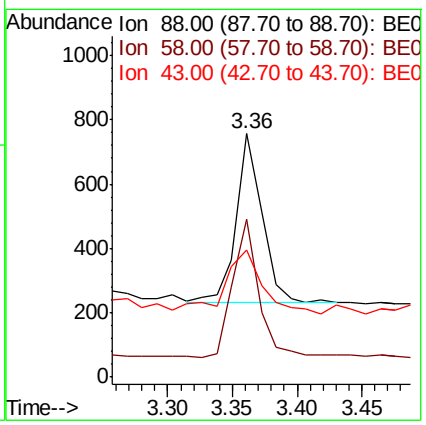


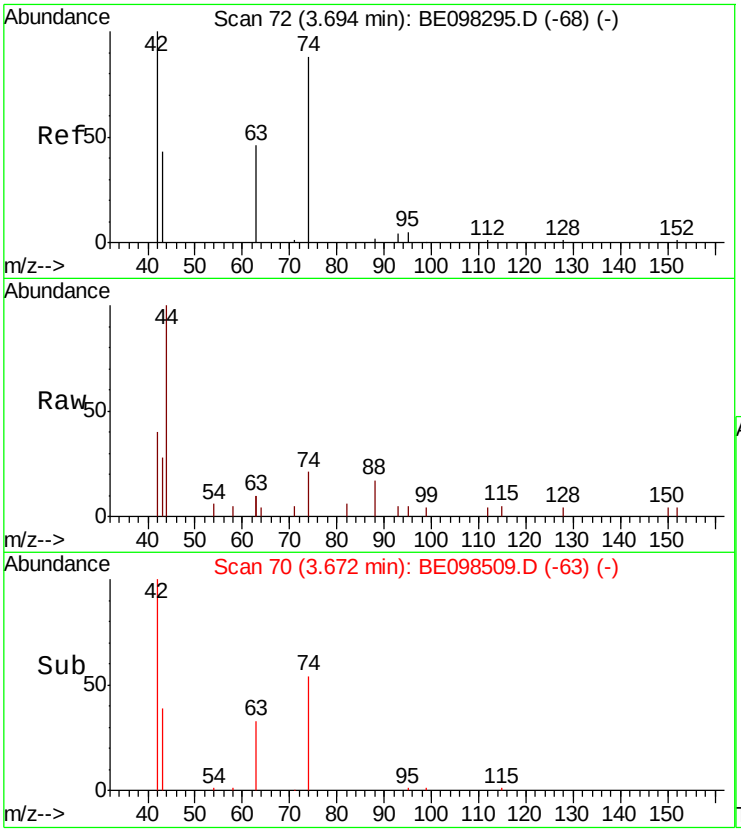


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion: 88 Resp: 717

Ion	Ratio	Lower	Upper
88	100		
58	83.1	75.0	112.6
43	56.6	38.3	57.5



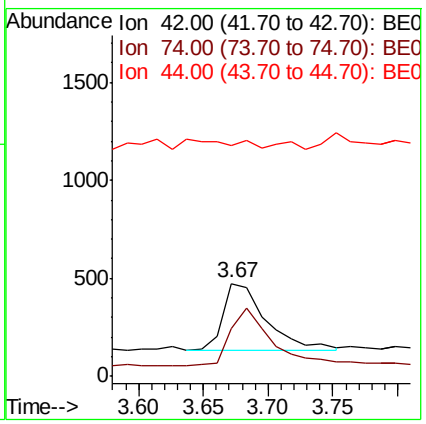


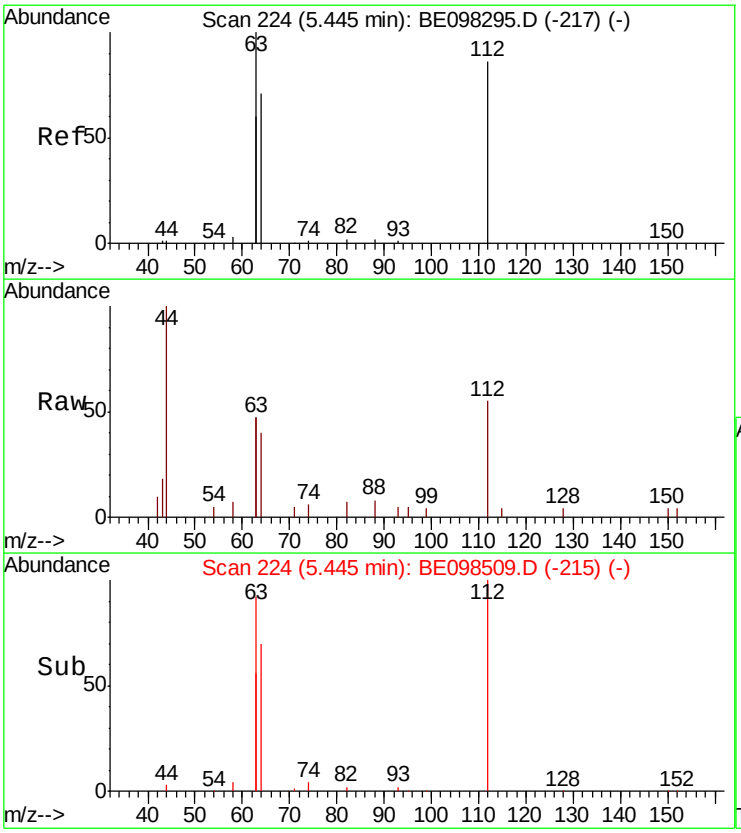
#3
n-Nitrosodimethylamine
Concen: 0.497 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 814

Ion	Ratio	Lower	Upper
42	100		
74	79.9	0.0	0.0#
44	0.0	0.0	0.0

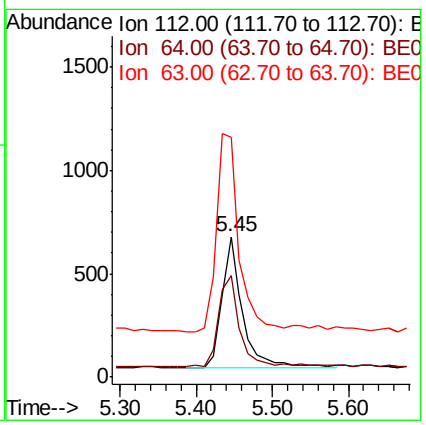


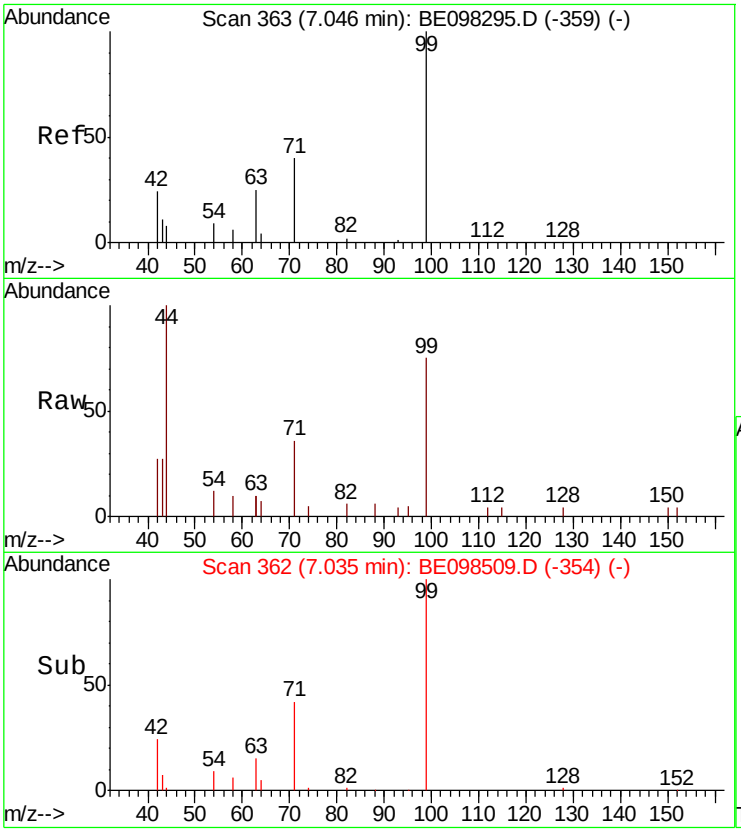


#4
2-Fluorophenol
Concen: 0.484 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:112 Resp: 1193

Ion	Ratio	Lower	Upper
112	100		
64	73.1	59.8	89.8
63	166.7	133.7	200.5



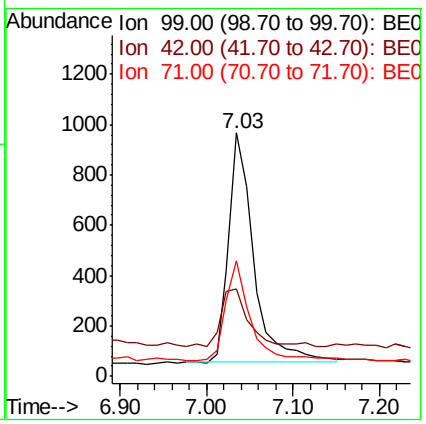


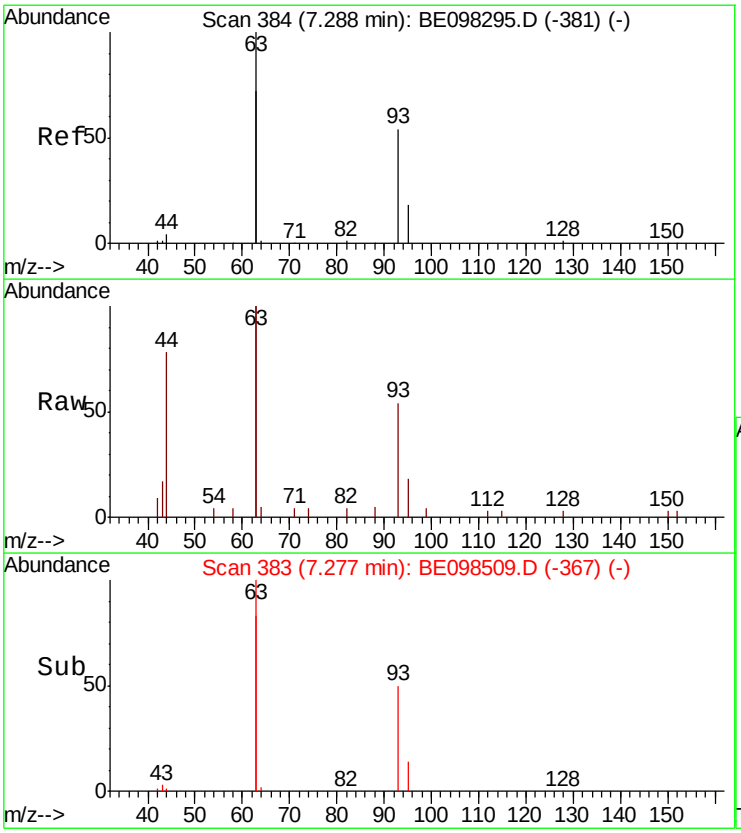
#5
Phenol-d6
Concen: 0.527 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1838

Ion	Ratio	Lower	Upper
99	100		
42	28.5	26.3	39.5
71	44.7	33.6	50.4

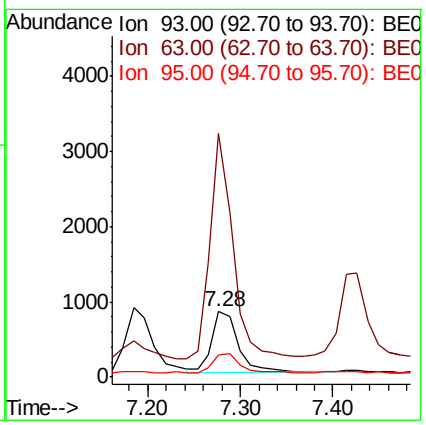


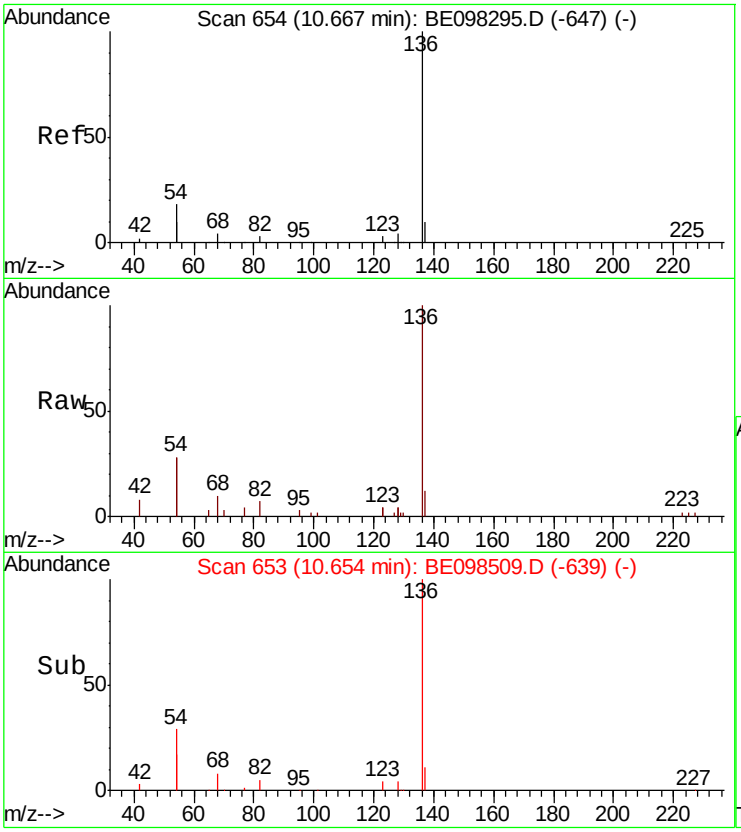


#6
bis(2-Chloroethyl)ether
Concen: 0.479 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion: 93 Resp: 1589

Ion	Ratio	Lower	Upper
93	100		
63	321.2	264.4	396.6
95	33.5	26.6	40.0



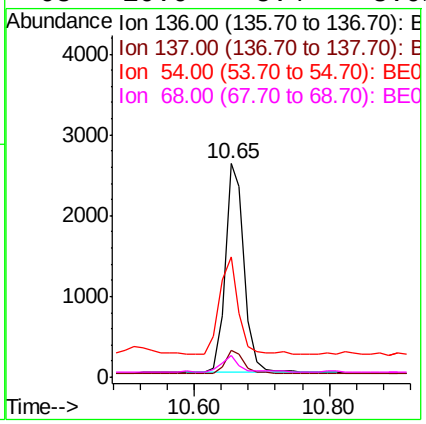


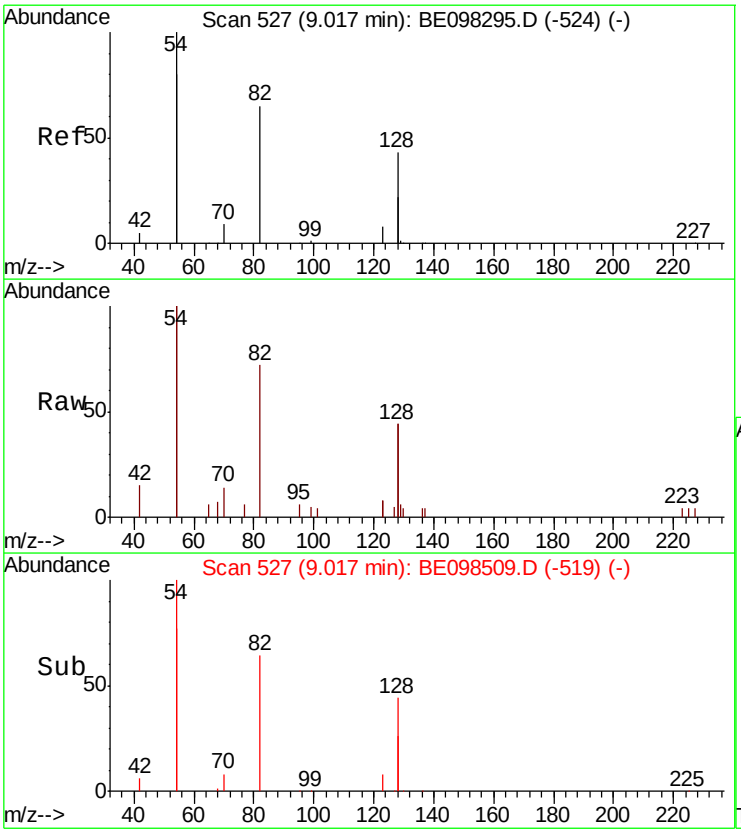
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5118

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	56.4	28.4	42.6#
68	10.0	5.4	8.0#

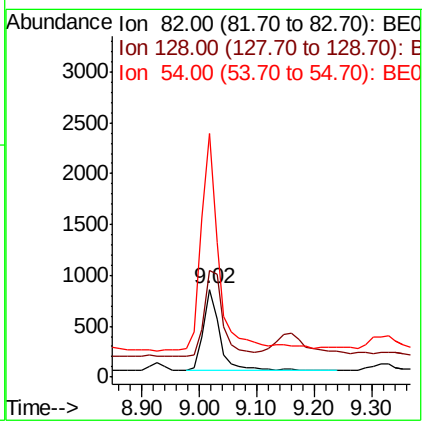


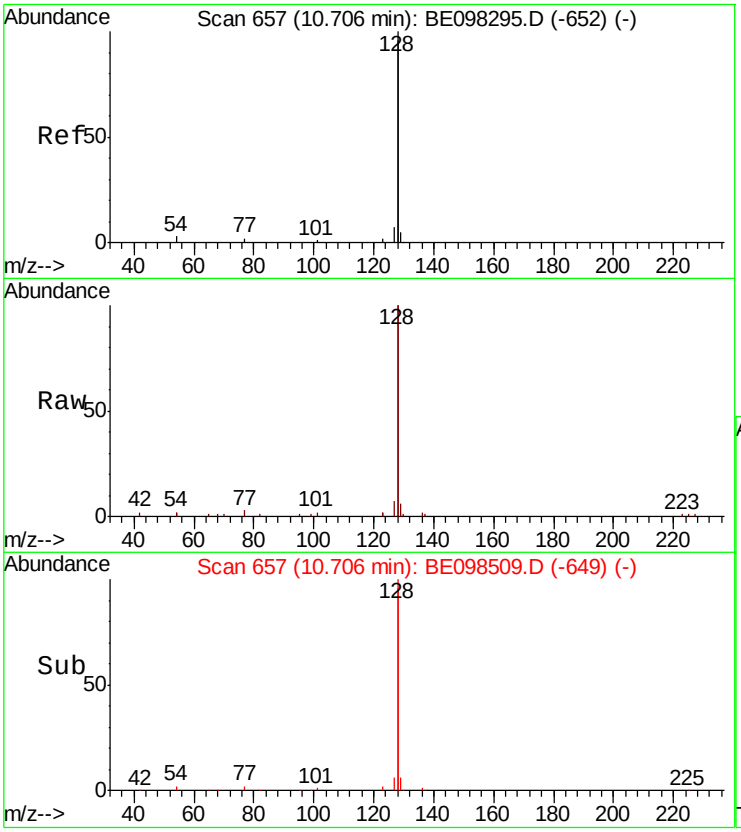


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion: 82 Resp: 1633

Ion	Ratio	Lower	Upper
82	100		
128	120.9	102.4	153.6
54	276.8	221.8	332.8



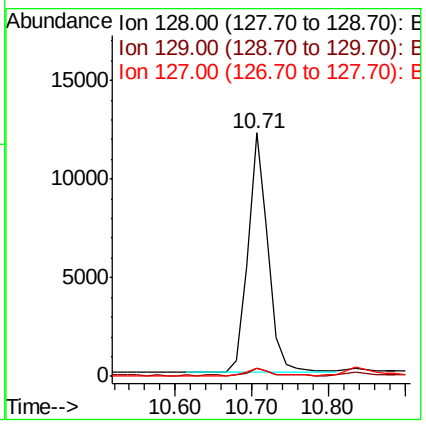


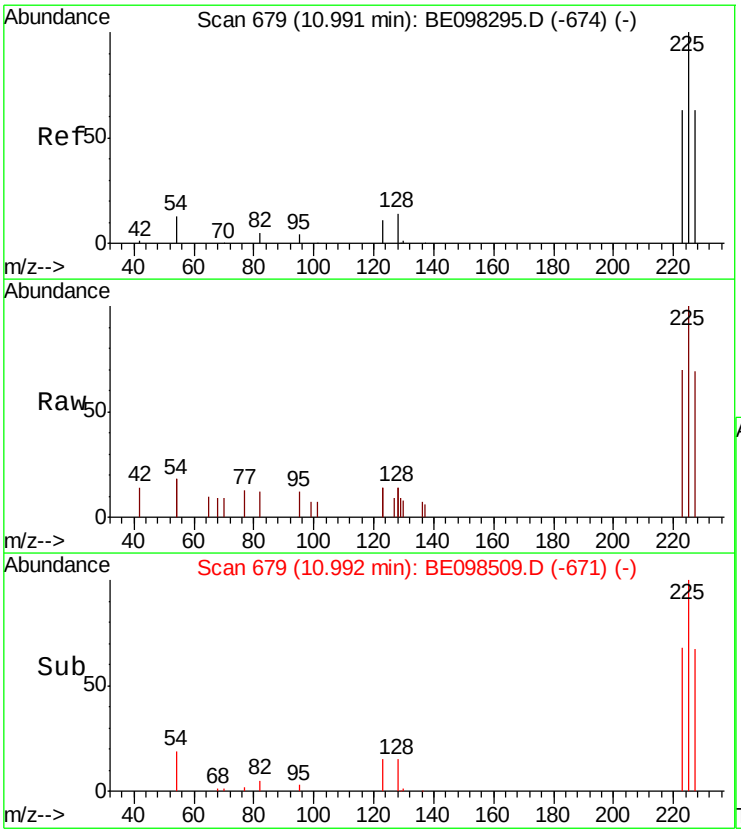
#9
Naphthalene
Concen: 0.428 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22040

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.5	2.7	4.1

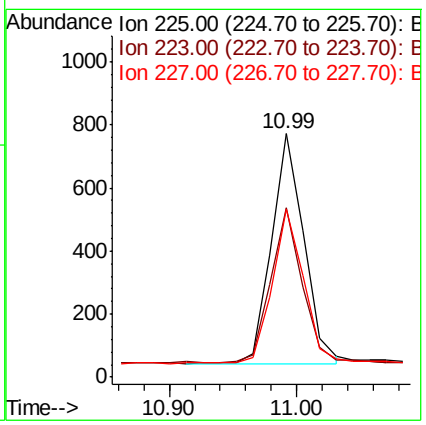


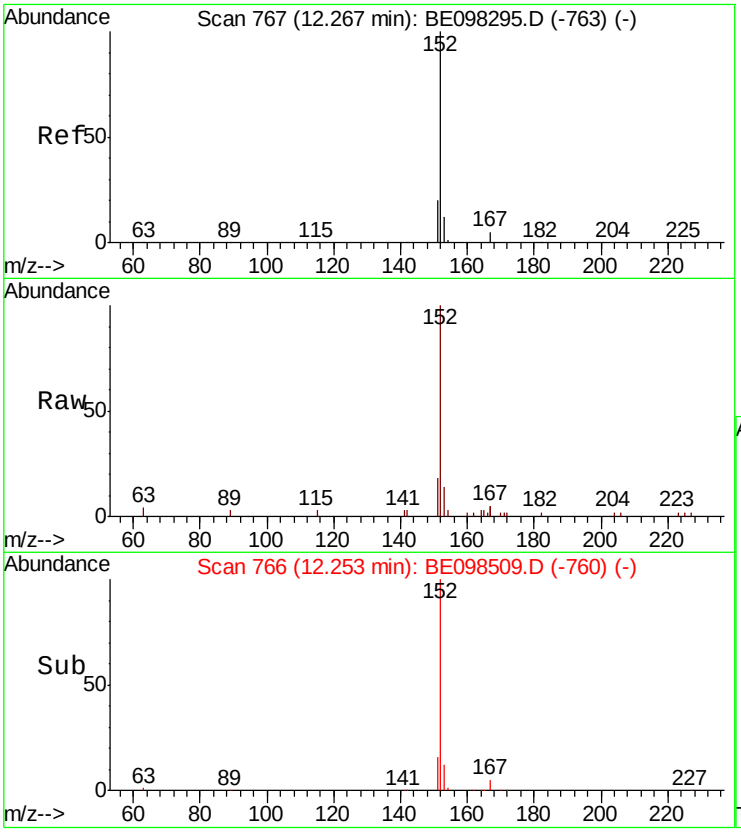


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:225 Resp: 1270

Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.4	74.0
227	64.7	52.0	78.0



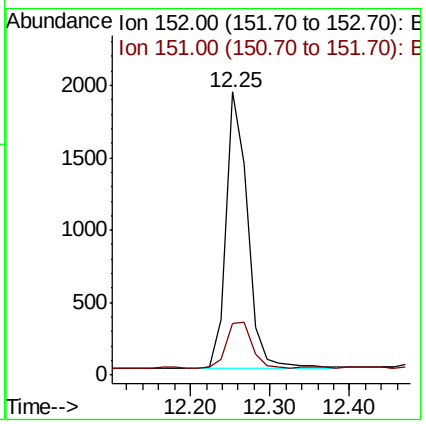


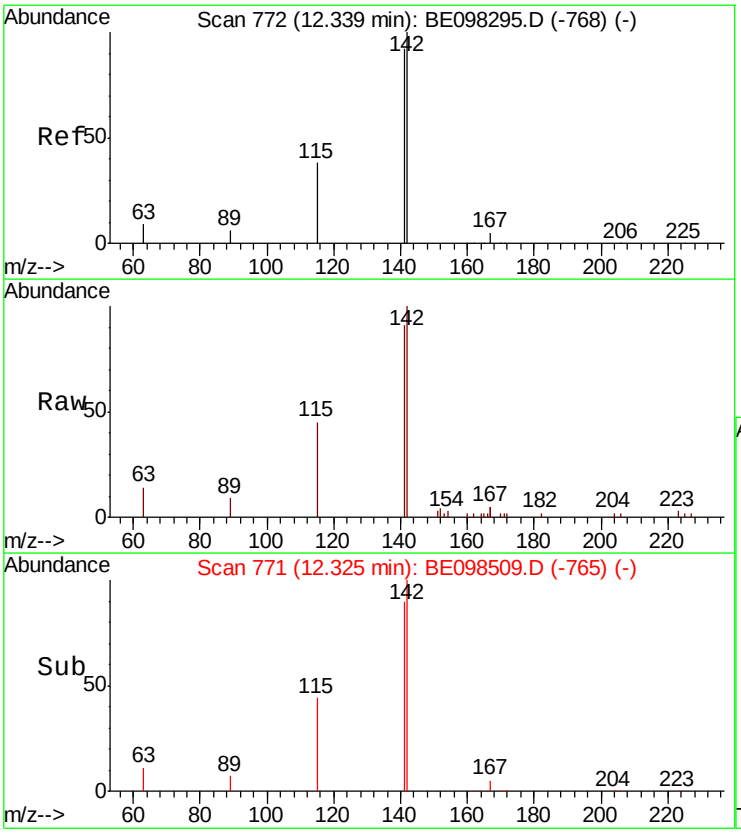
#11
2-Methylnaphthalene-d10
Concen: 0.428 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3565

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4

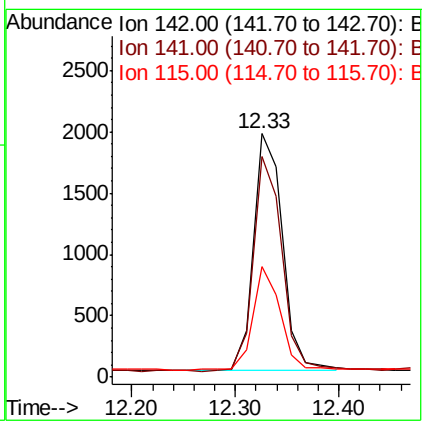


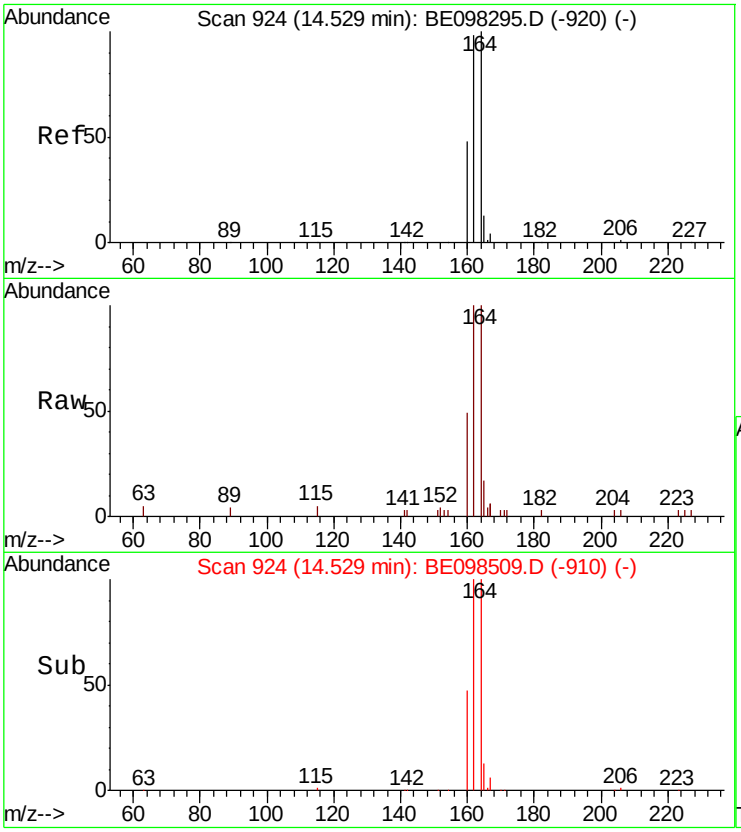


#12
2-Methylnaphthalene
Concen: 0.452 ng
RT: 12.33 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:142 Resp: 3780

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	45.4	32.2	48.2



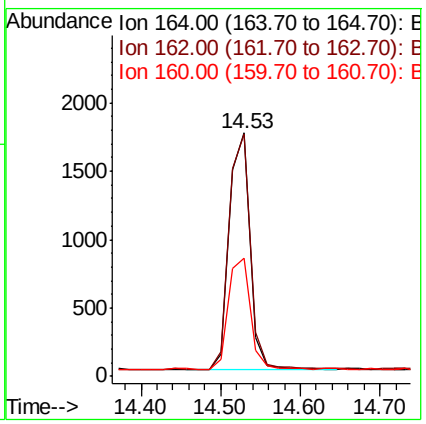


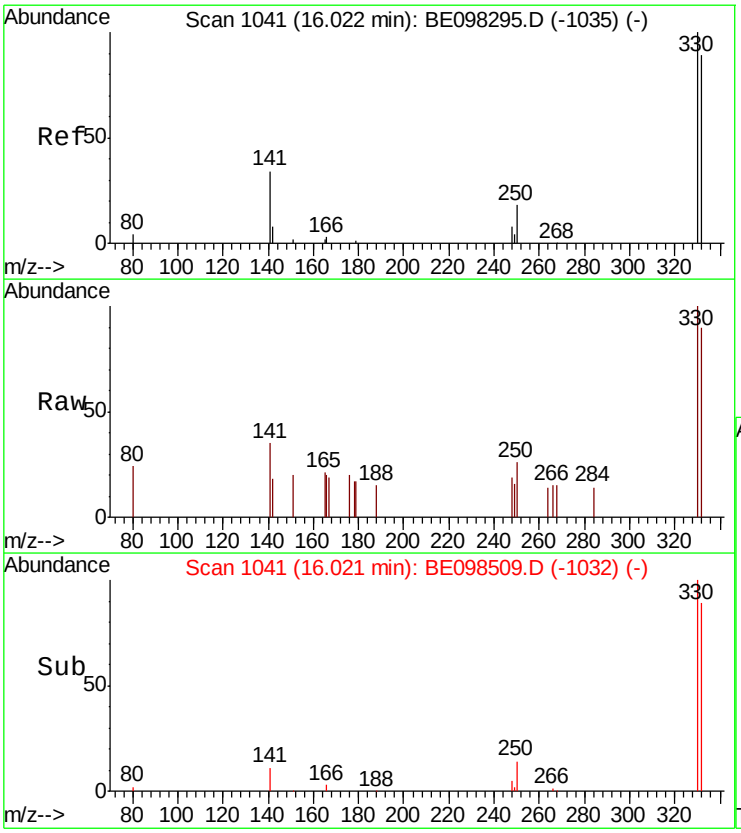
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3154

Ion	Ratio	Lower	Upper
164	100		
162	99.6	77.6	116.4
160	48.6	36.0	54.0

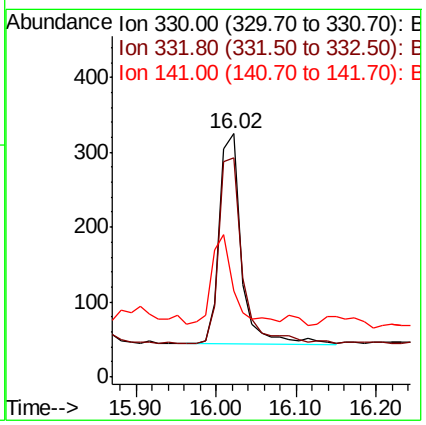


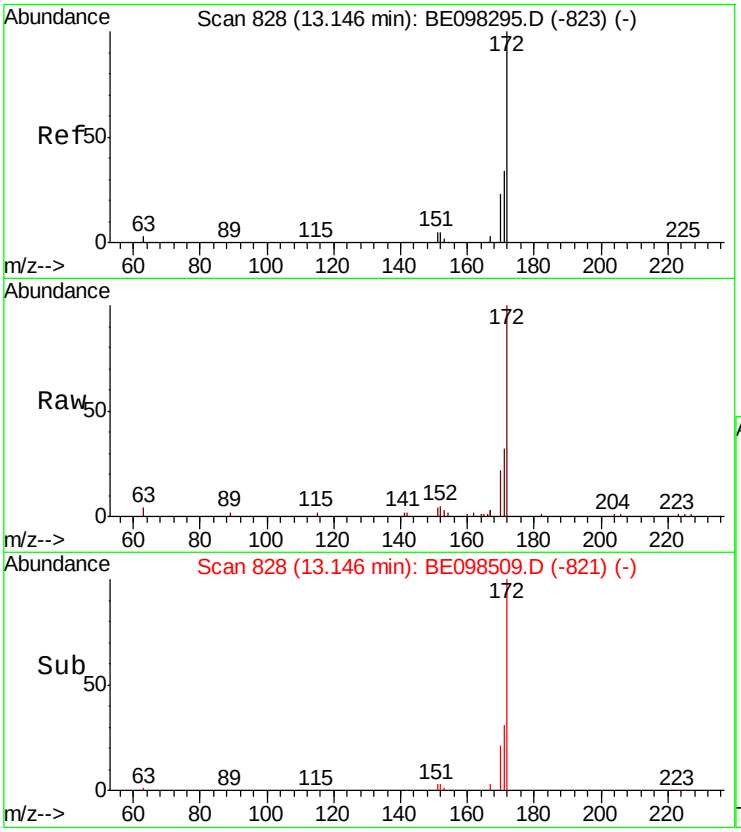


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:330 Resp: 542

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	41.7	39.0	58.4



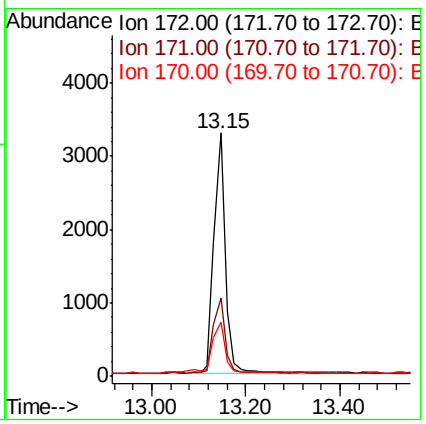


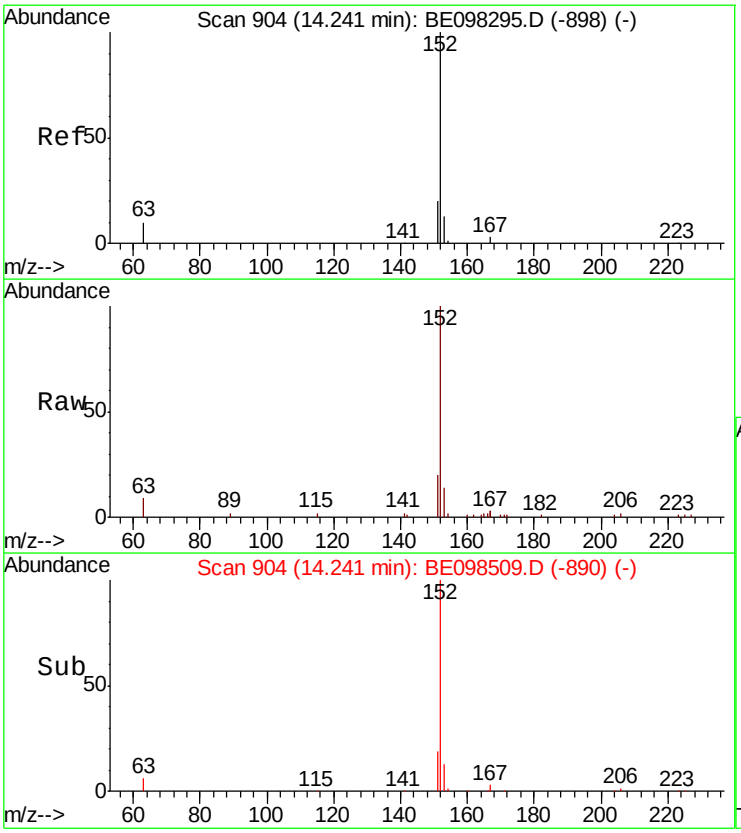
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5450

Ion	Ratio	Lower	Upper
172	100		
171	32.3	27.5	41.3
170	22.2	19.6	29.4

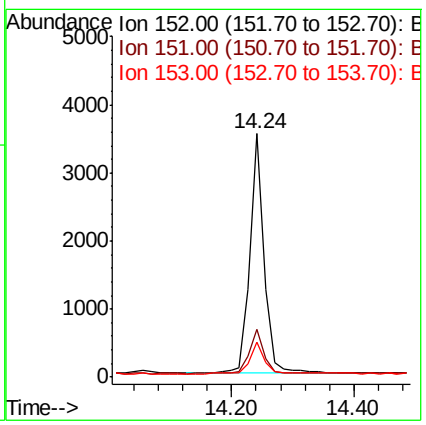


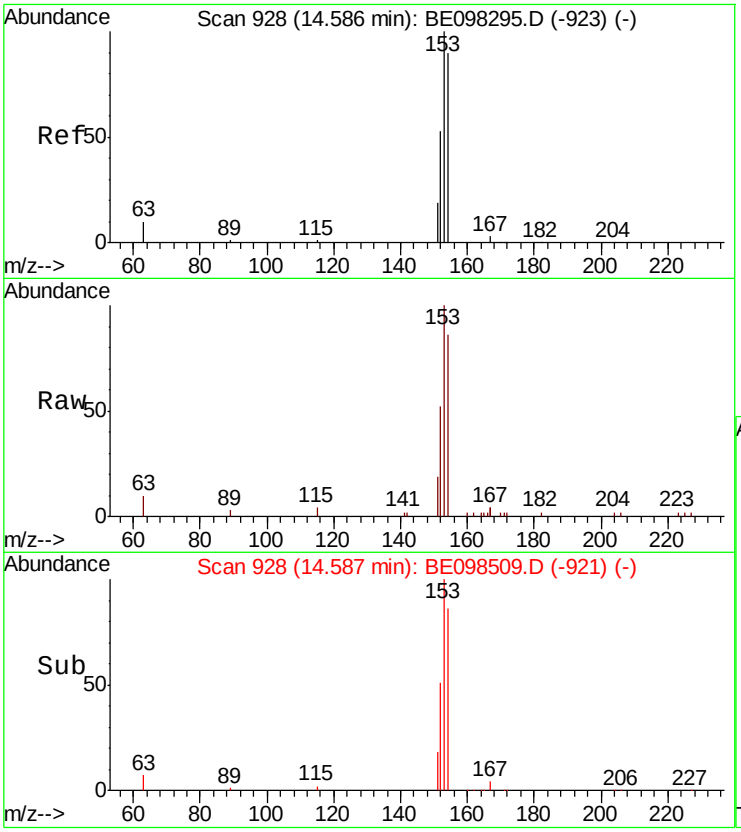


#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:152 Resp: 5667

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.5	10.6	16.0



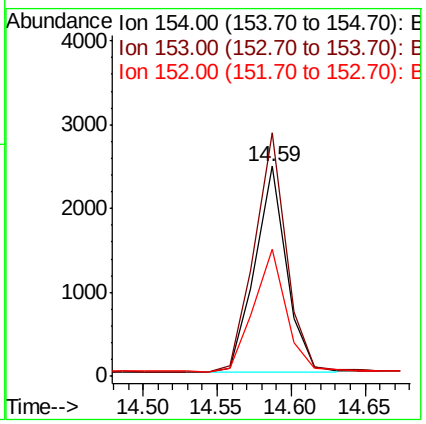


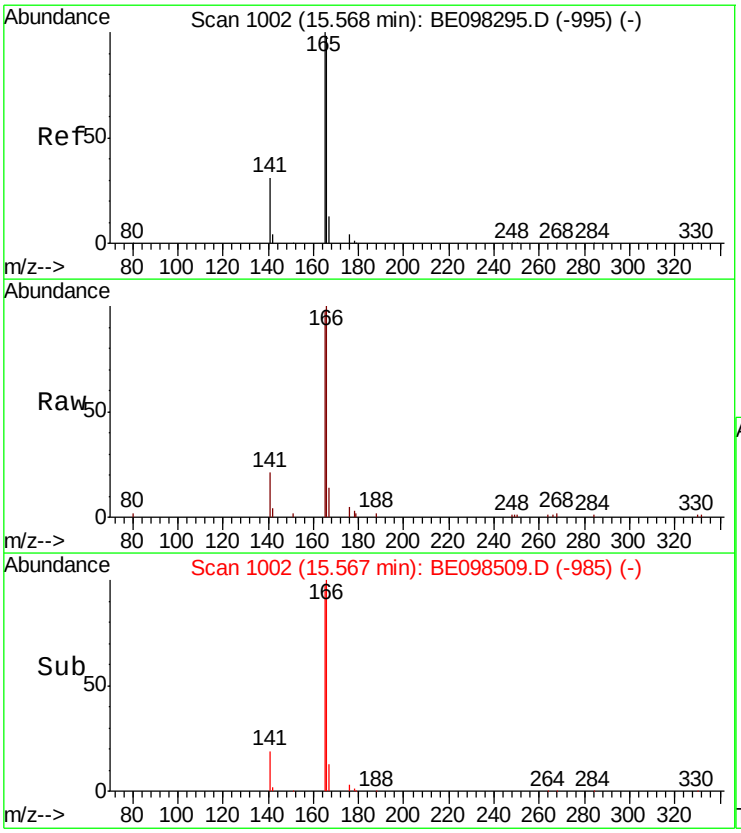
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3615

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.8	137.6
152	61.3	45.5	68.3

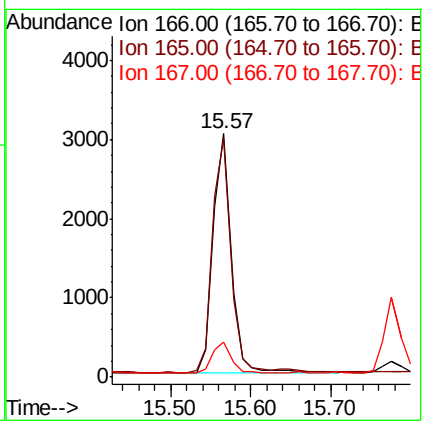


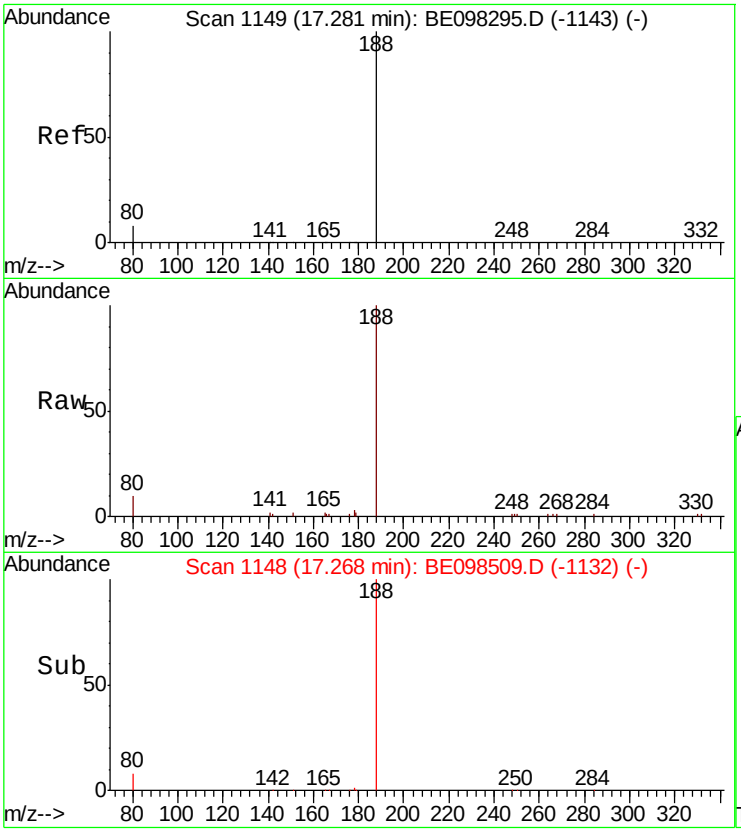


#18
Fluorene
Concen: 0.405 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:166 Resp: 4807

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.3	118.9
167	12.8	11.3	16.9



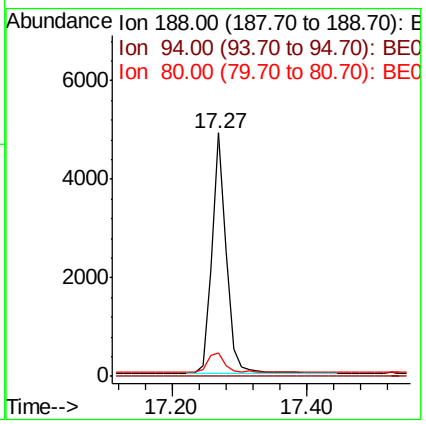


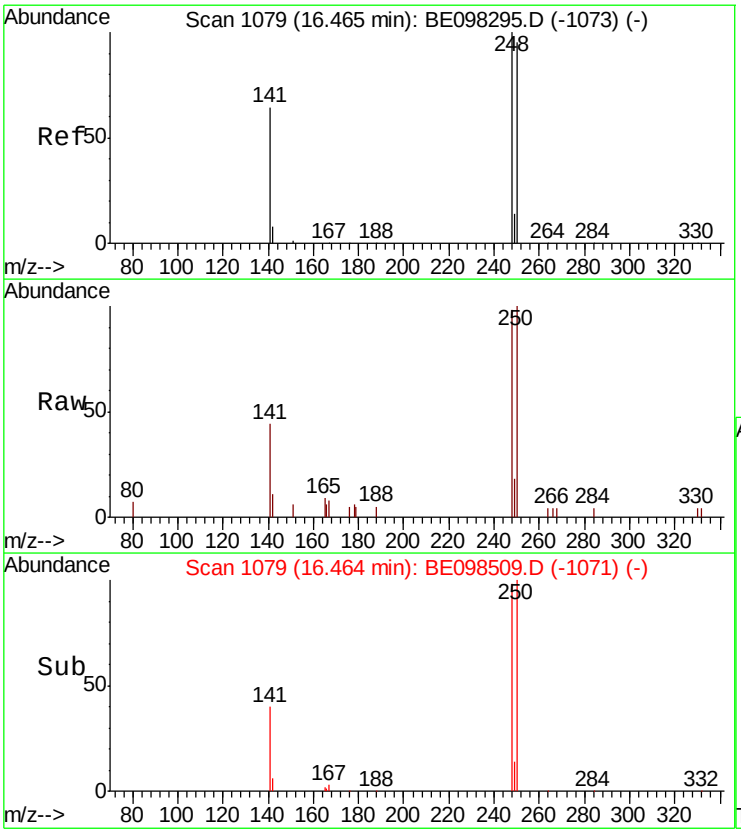
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7355

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.2	10.8

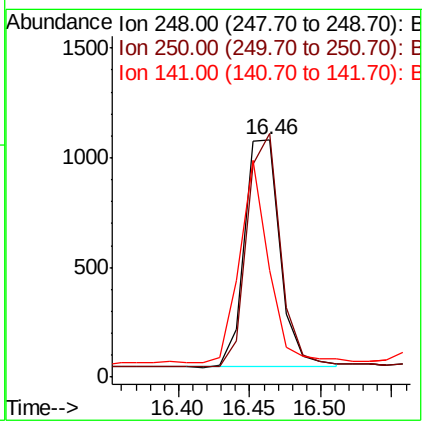


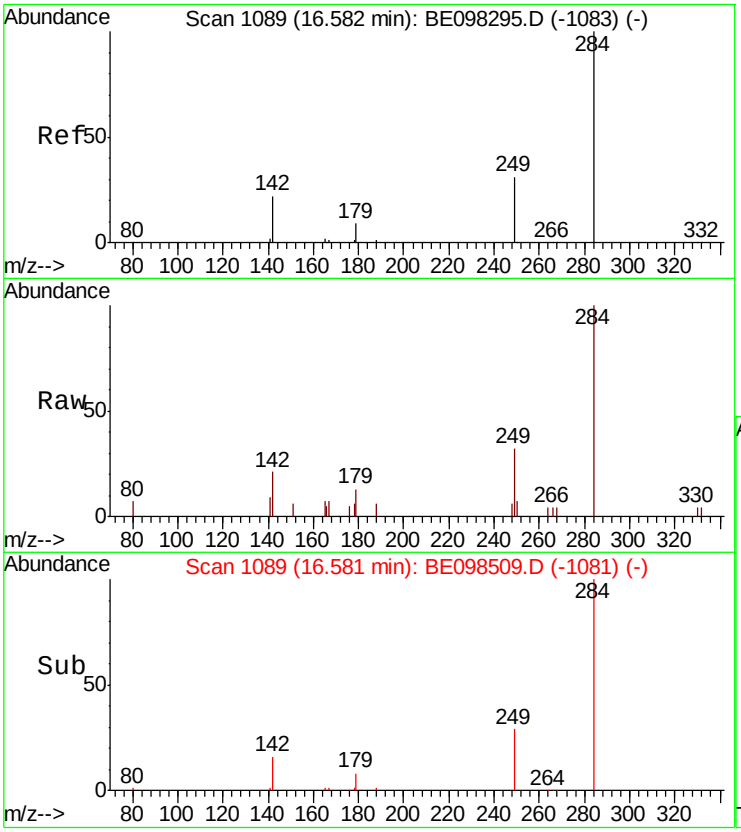


#20
4-Bromophenyl-phenylether
Concen: 0.456 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:248 Resp: 1805

Ion	Ratio	Lower	Upper
248	100		
250	102.4	71.0	106.6
141	44.6	62.1	93.1#



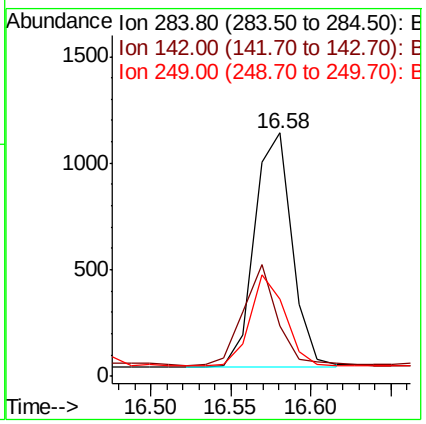


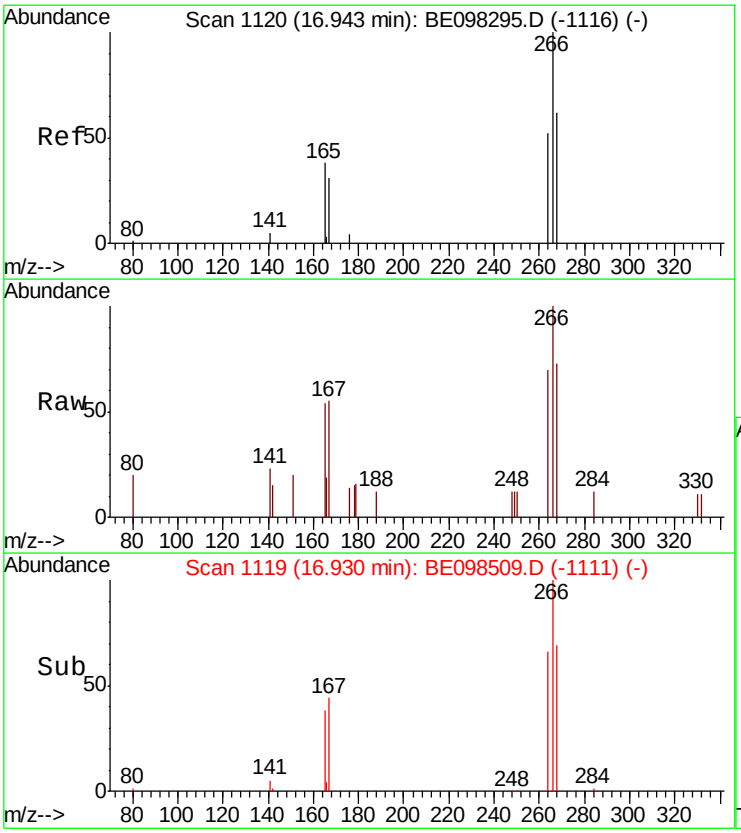
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1782

Ion	Ratio	Lower	Upper
284	100		
142	38.7	26.3	39.5
249	36.4	26.0	39.0

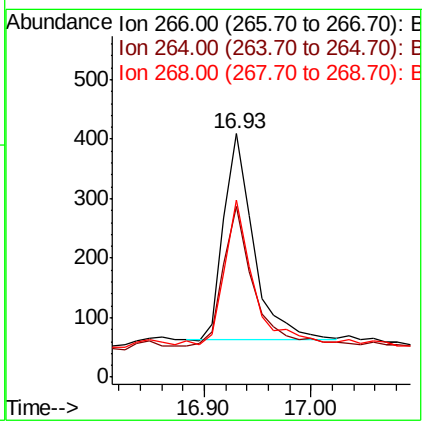


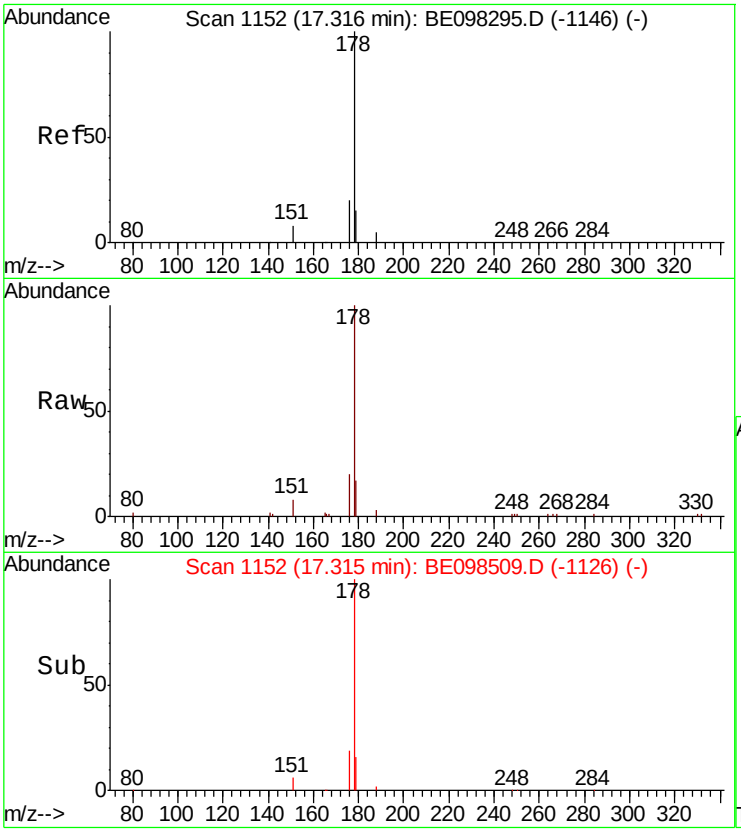


#22
Pentachlorophenol
Concen: 0.837 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:266 Resp: 659

Ion	Ratio	Lower	Upper
266	100		
264	69.9	59.0	88.4
268	72.6	55.1	82.7



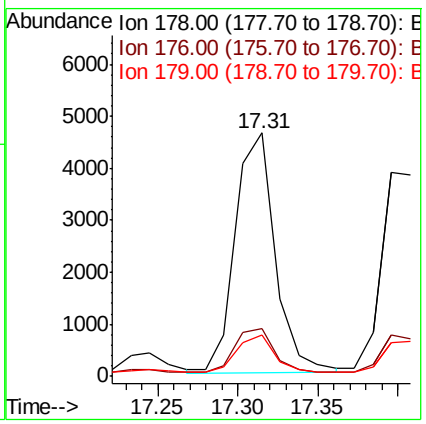


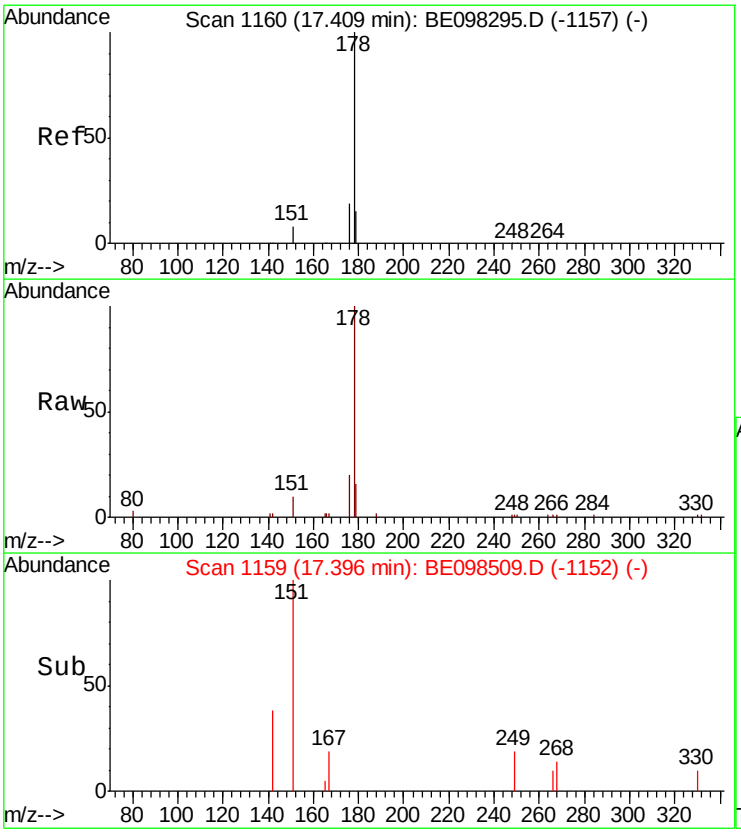
#23
Phenanthrene
Concen: 0.446 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7977

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.2	12.3	18.5

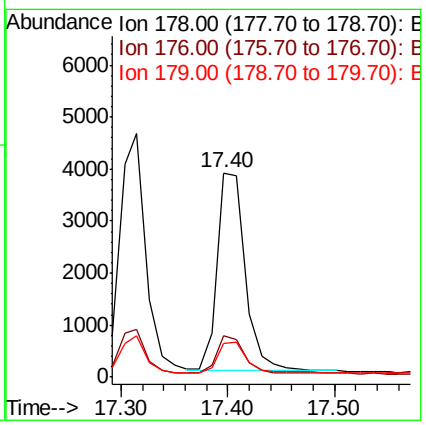


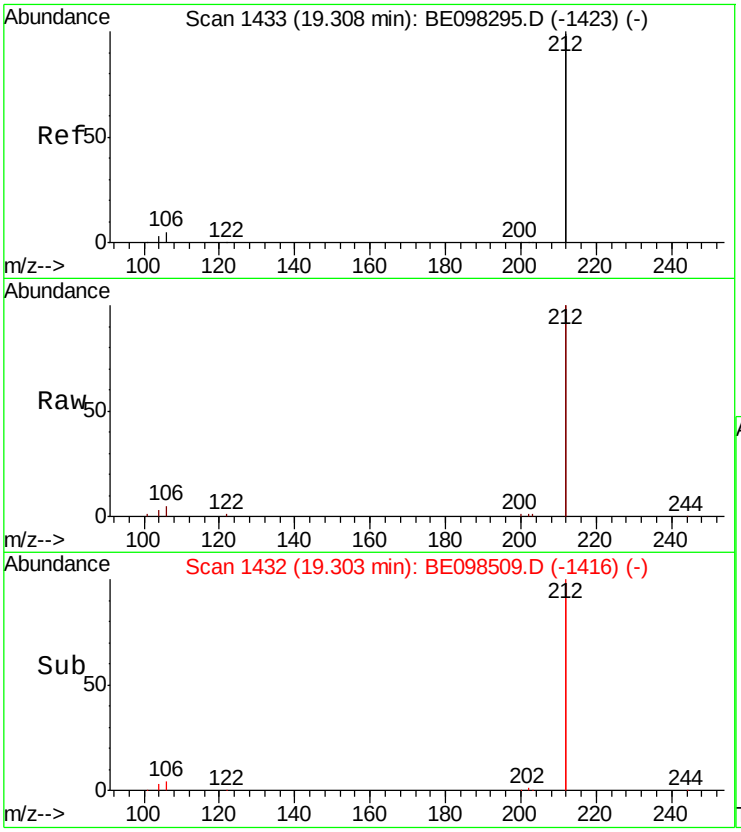


#24
Anthracene
Concen: 0.435 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:178 Resp: 6935

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.3	18.5



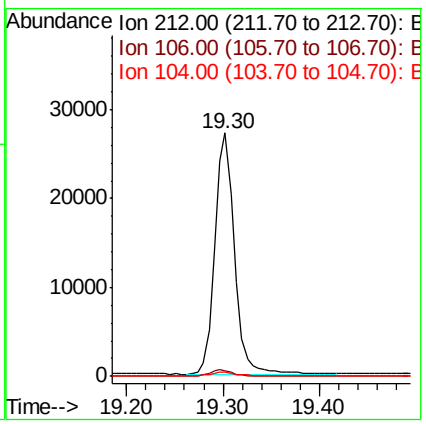


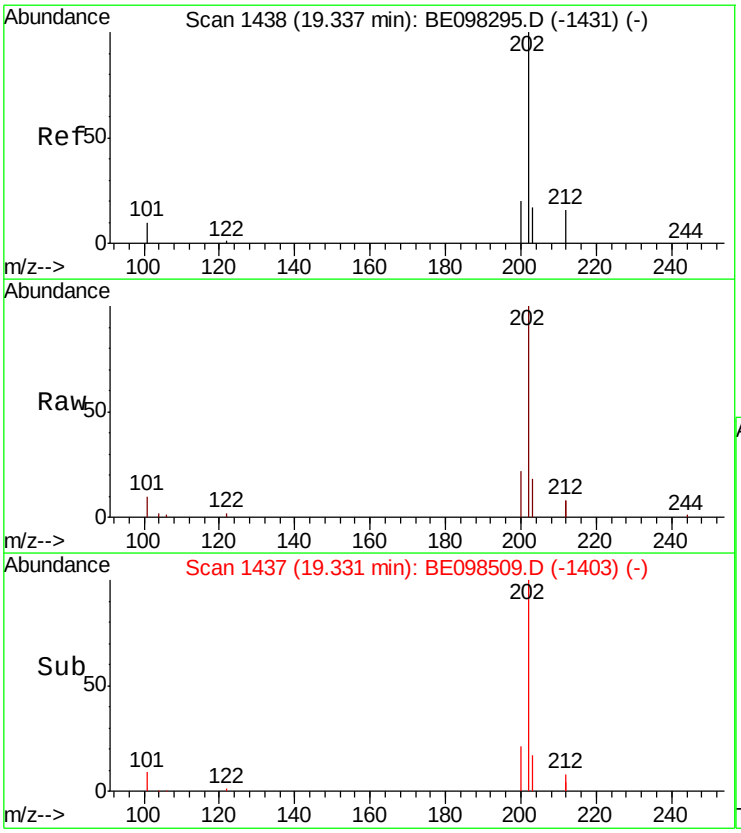
#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 38681

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.5	1.3	1.9

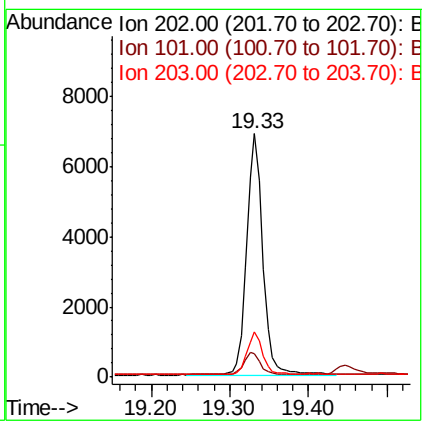


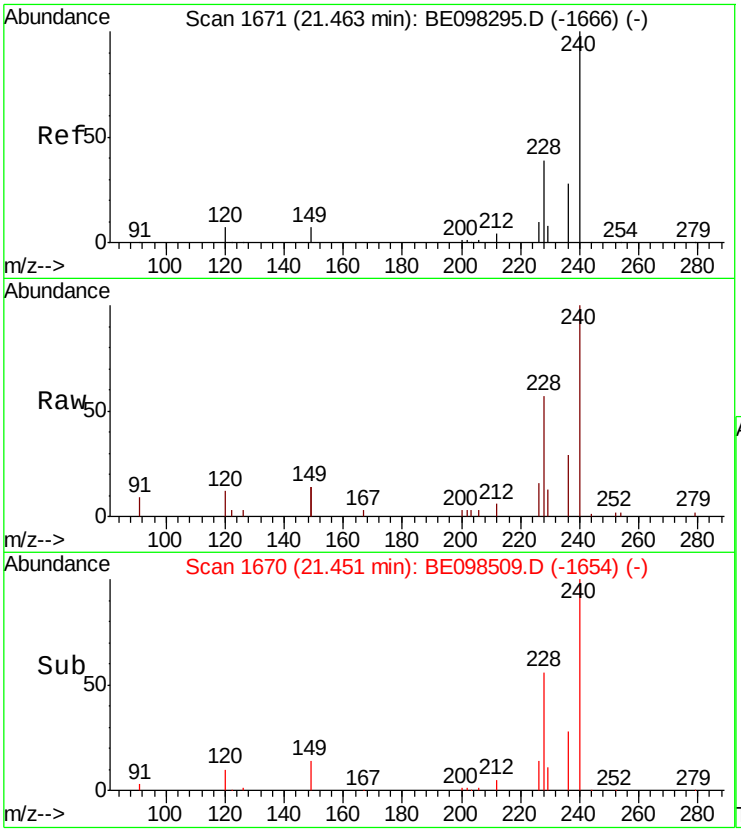


#26
Fluoranthene
Concen: 0.419 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:202 Resp: 9918

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.0	12.0
203	16.3	13.8	20.6



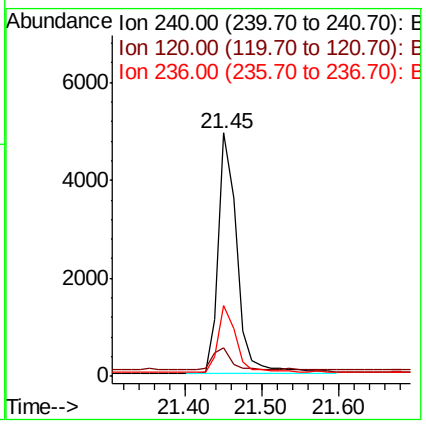


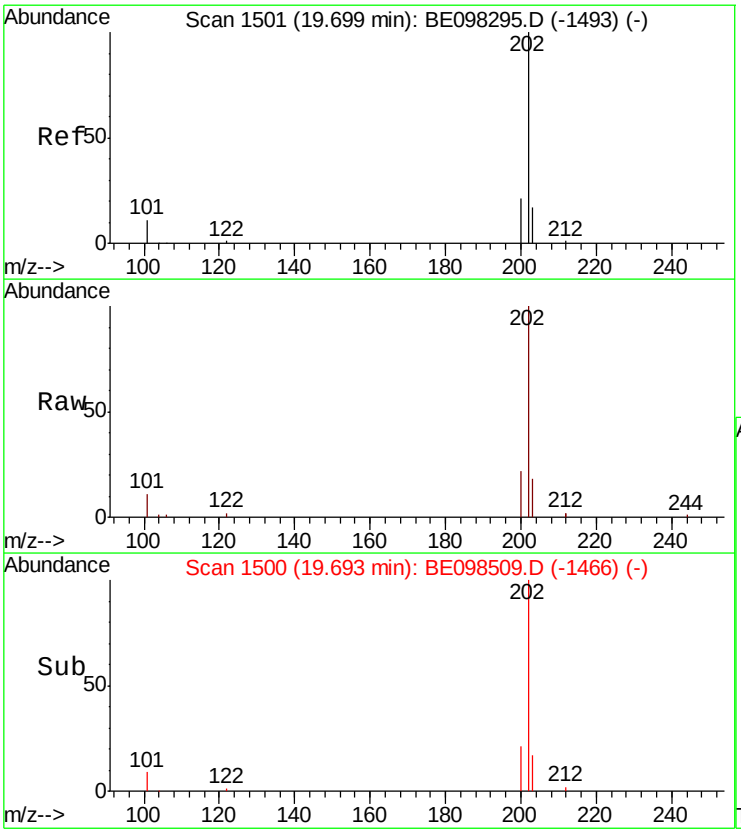
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8229

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	29.1	22.7	34.1

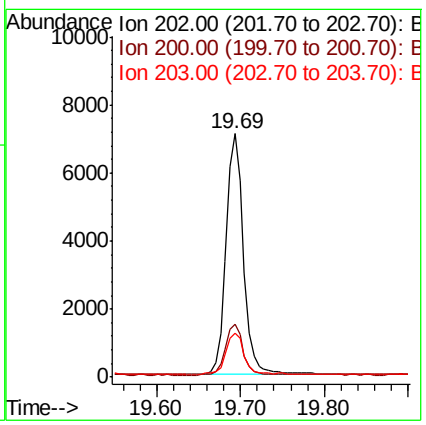


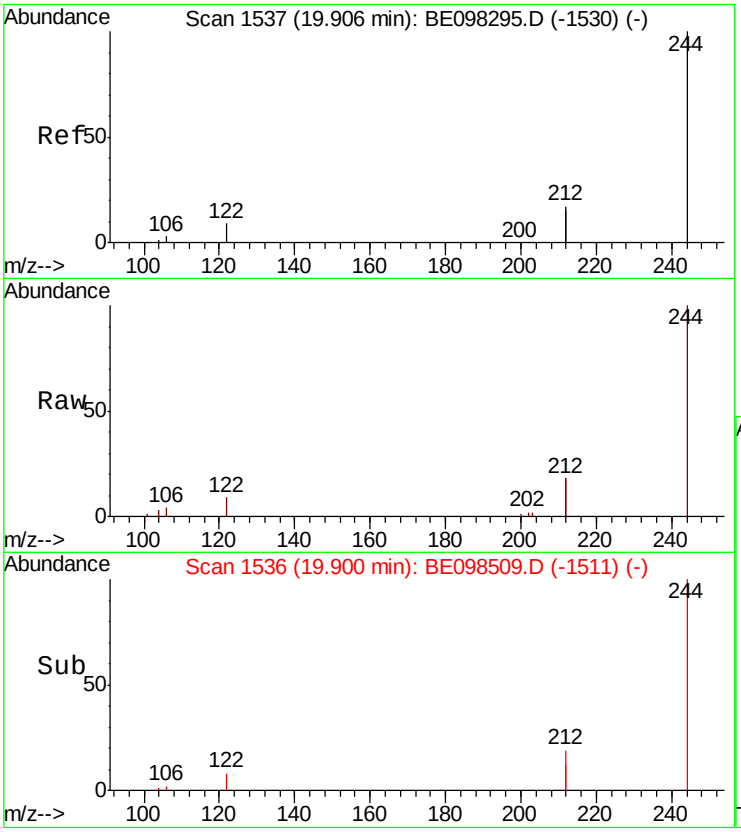


#28
Pyrene
Concen: 0.399 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:202 Resp: 10306

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.7	14.1	21.1



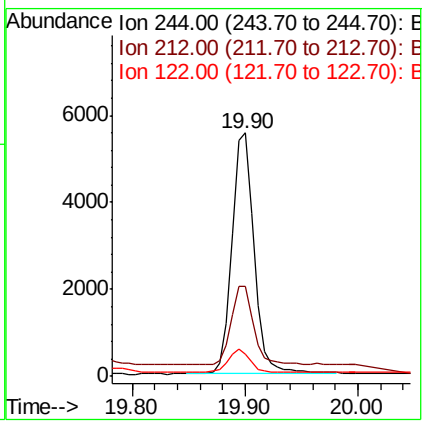


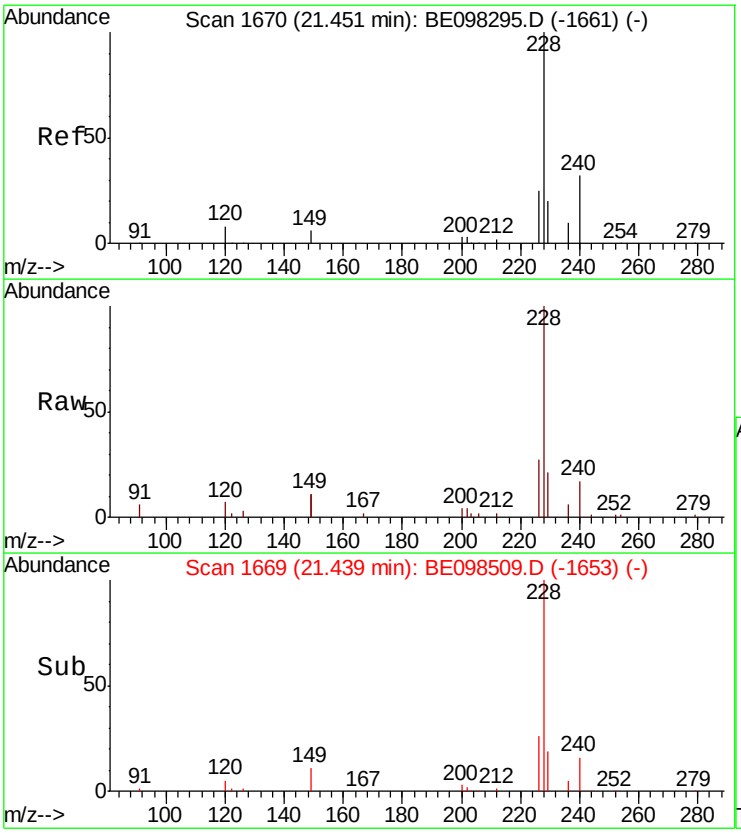
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7700

Ion	Ratio	Lower	Upper
244	100		
212	36.9	27.4	41.0
122	9.3	8.3	12.5

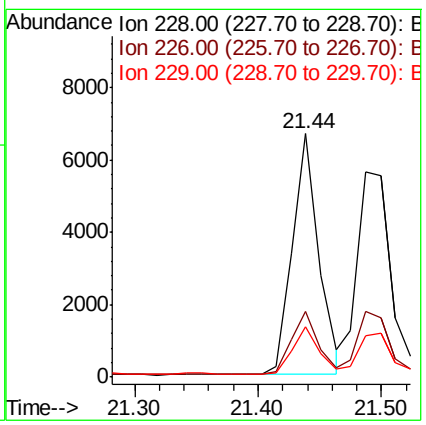


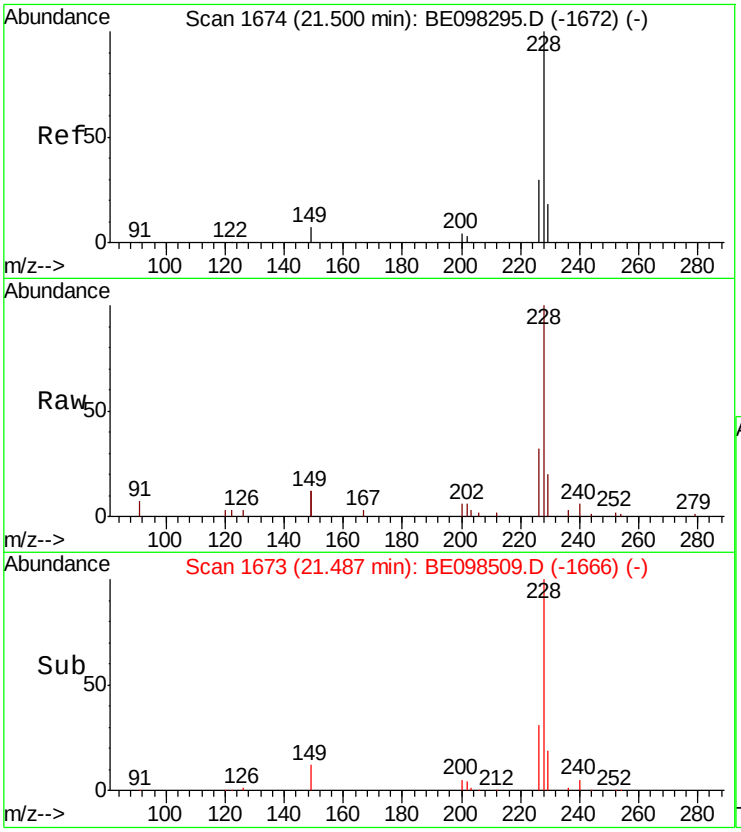


#30
Benzo(a)anthracene
Concen: 0.424 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:228 Resp: 9941

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.6	16.3	24.5



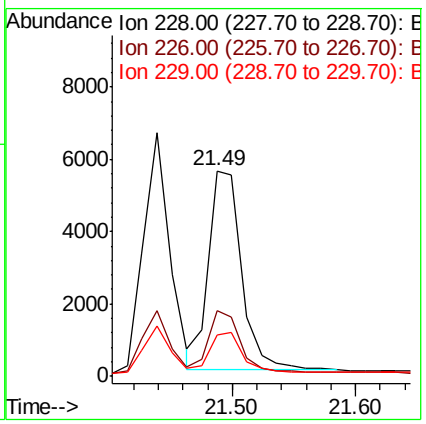


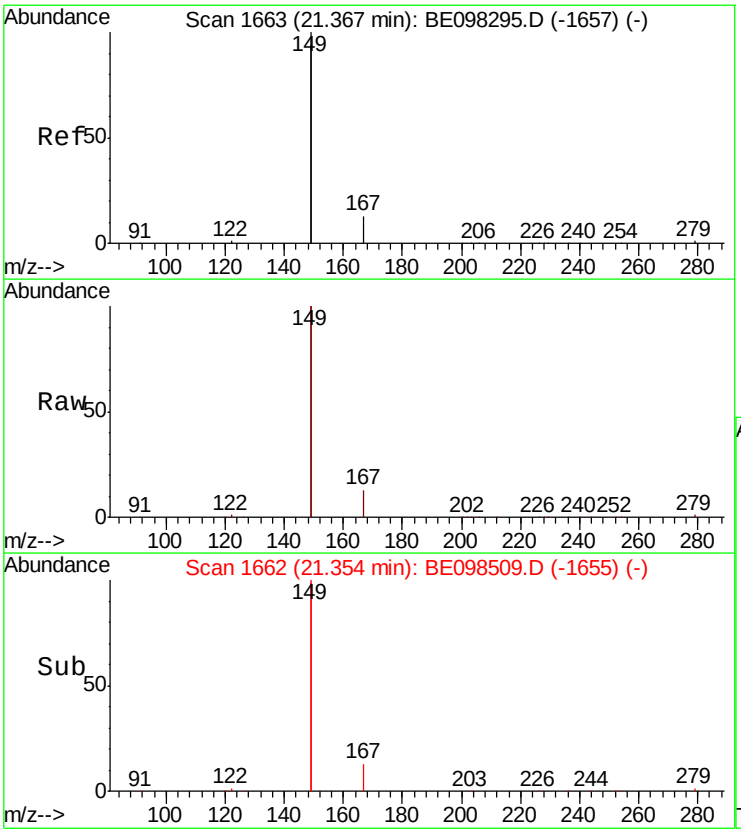
#31
Chrysene
Concen: 0.416 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 10221

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	20.1	16.2	24.4

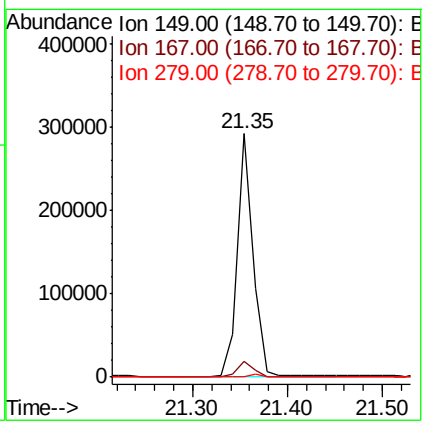


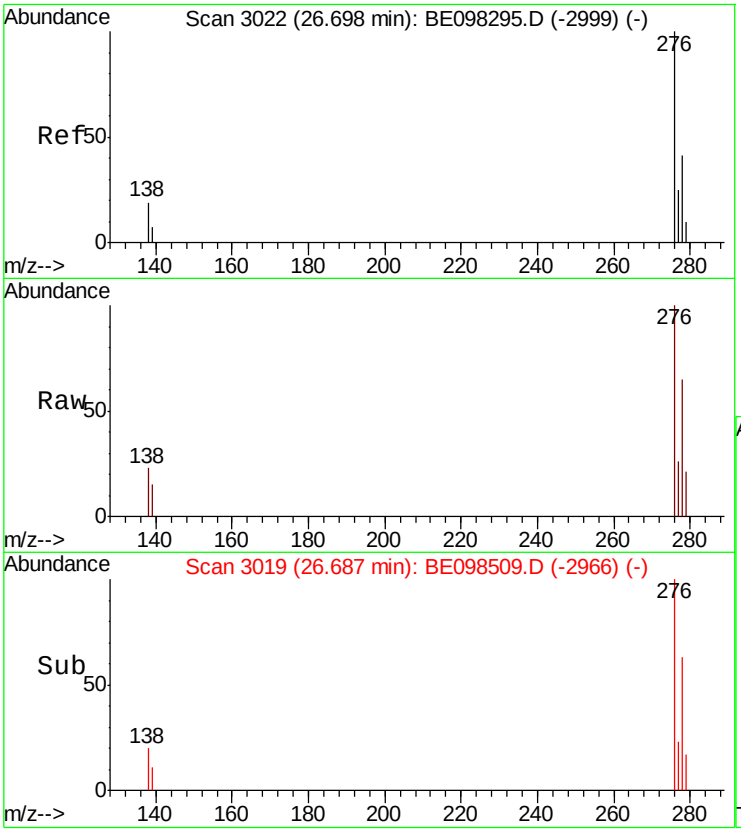


#32
Bis(2-ethylhexyl)phthalate
Concen: 6.979 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:149 Resp: 332162

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.0	1.0	1.4



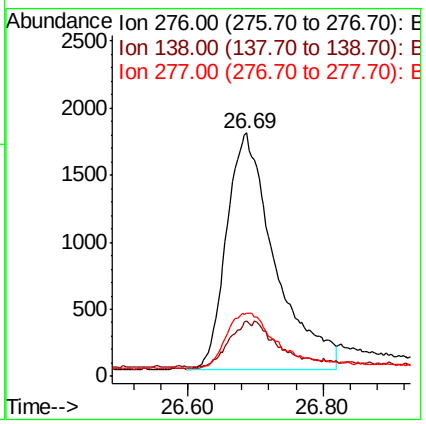


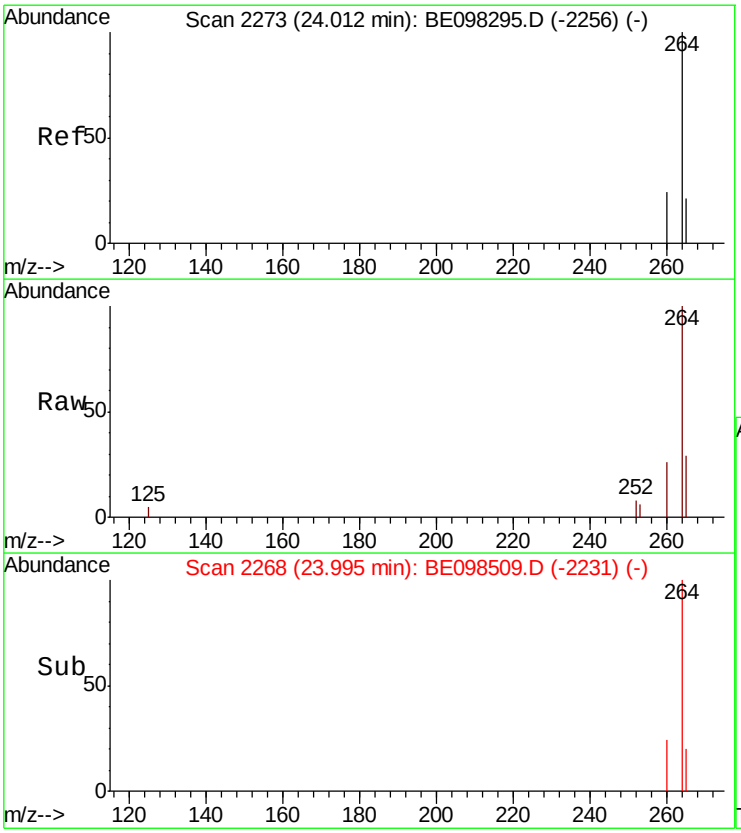
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8781

Ion	Ratio	Lower	Upper
276	100		
138	9.3	16.3	24.5#
277	22.5	20.2	30.4

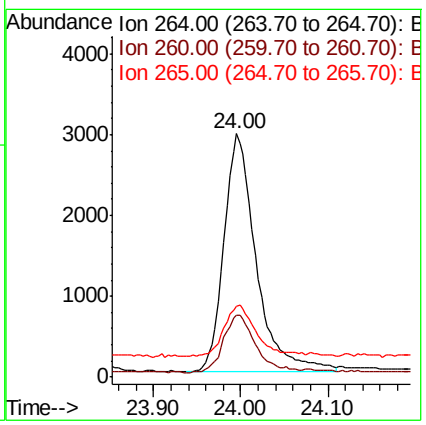


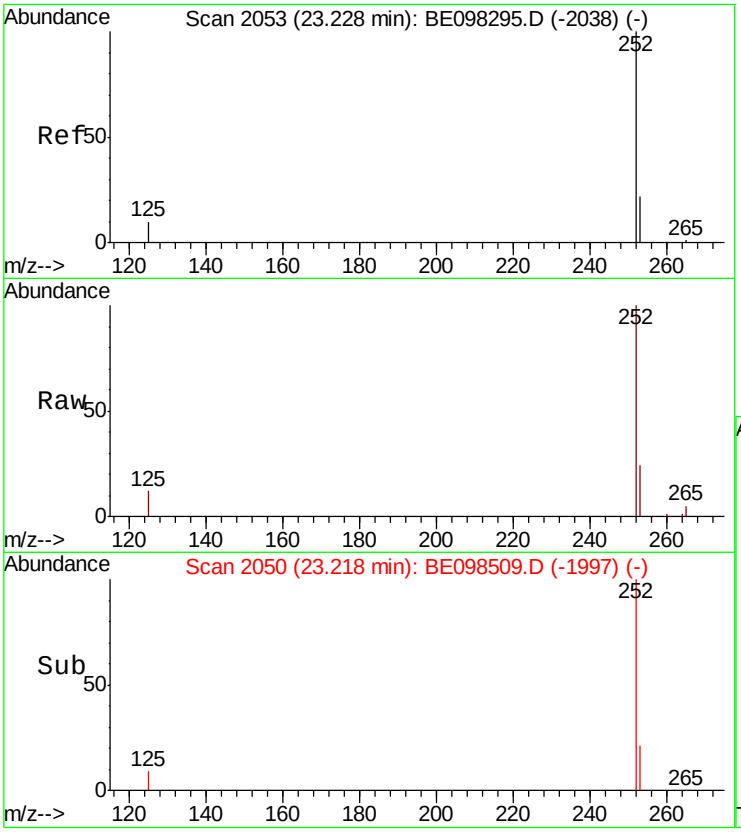


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:264 Resp: 7580

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	28.9	25.2	37.8



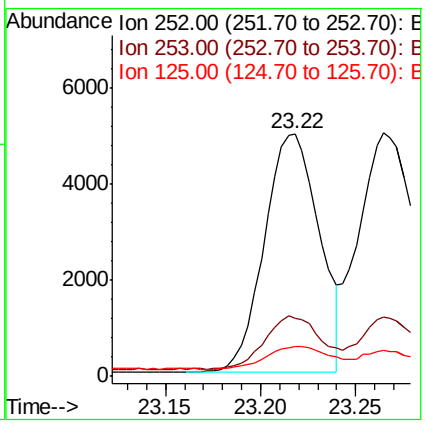


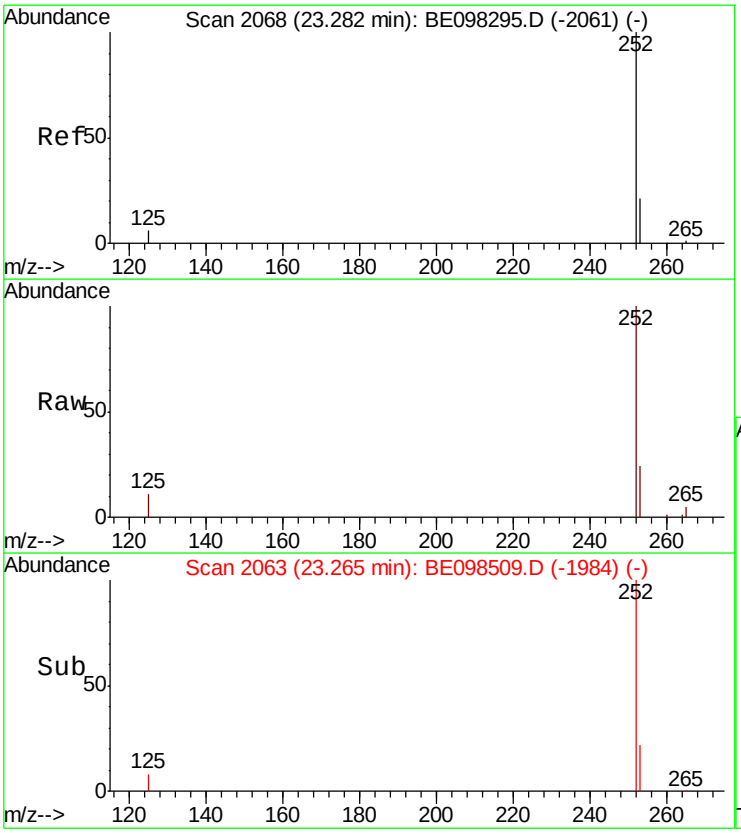
#35
Benzo(b)fluoranthene
Concen: 0.479 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9926

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.0	30.0
125	12.1	9.6	14.4

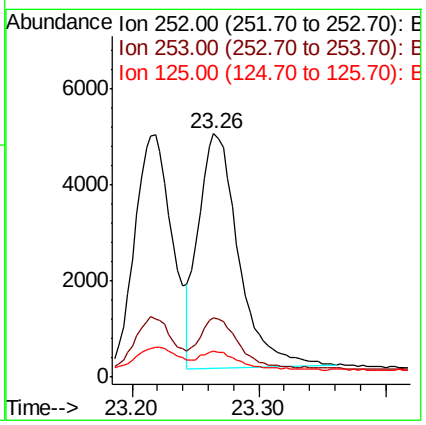


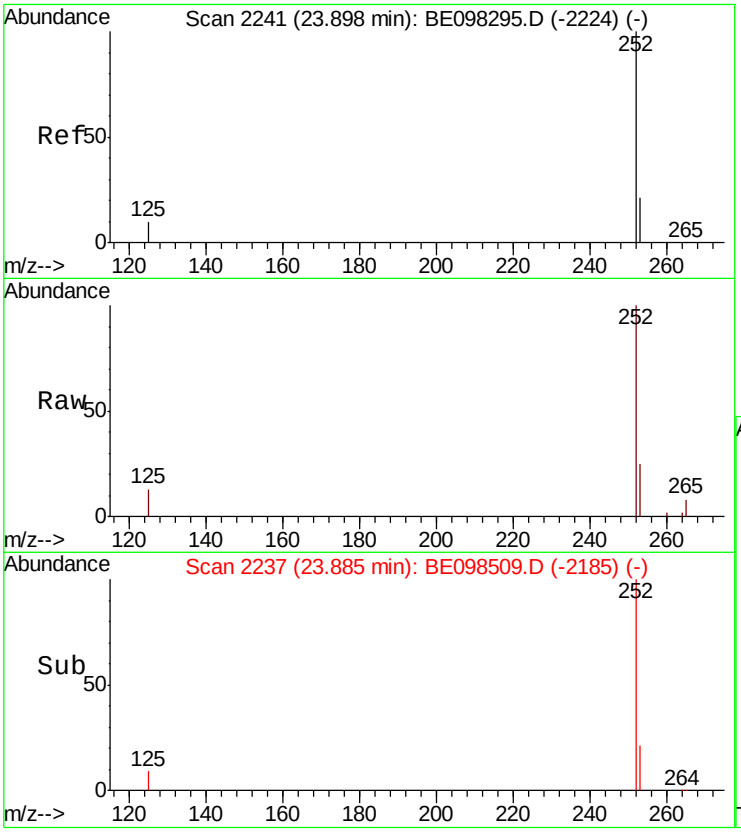


#36
Benzo(k)fluoranthene
Concen: 0.441 ng
RT: 23.26 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:252 Resp: 10657

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	10.8	9.1	13.7



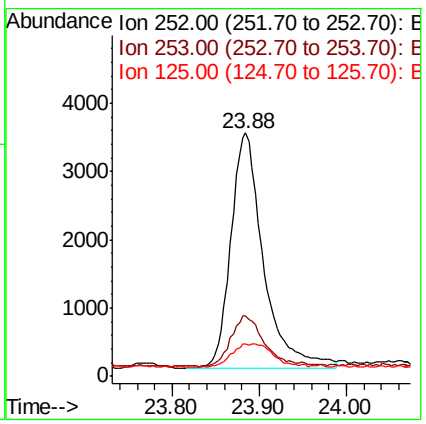


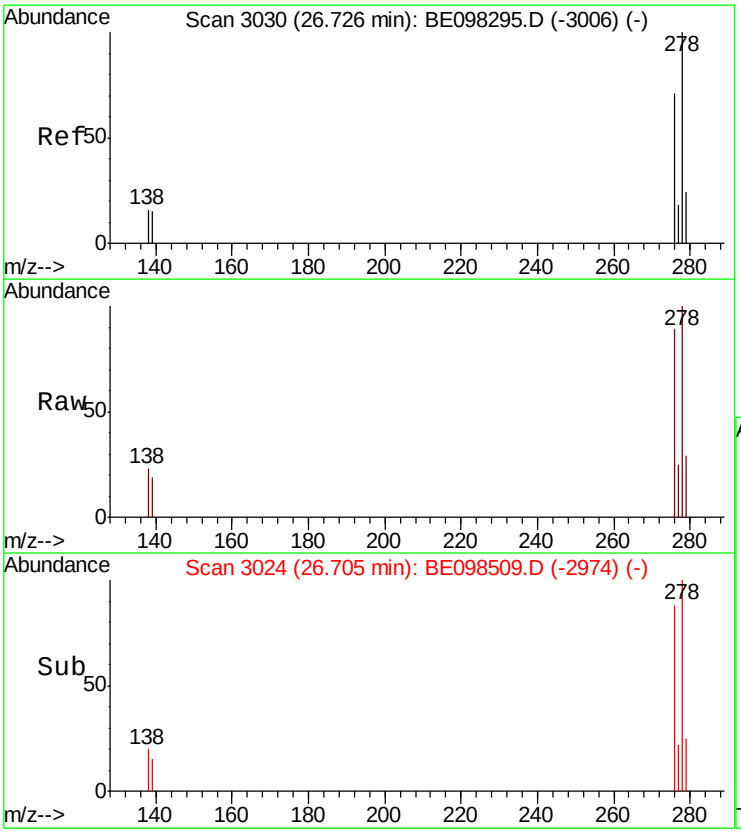
#37
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.88 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9034

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	13.1	10.5	15.7

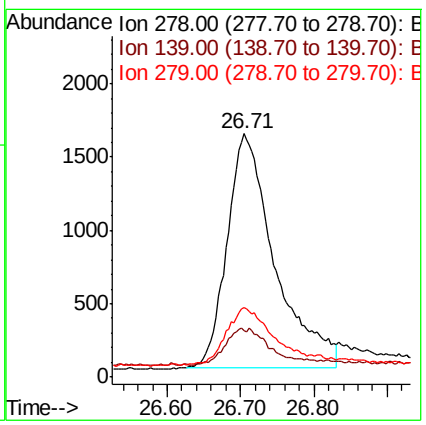


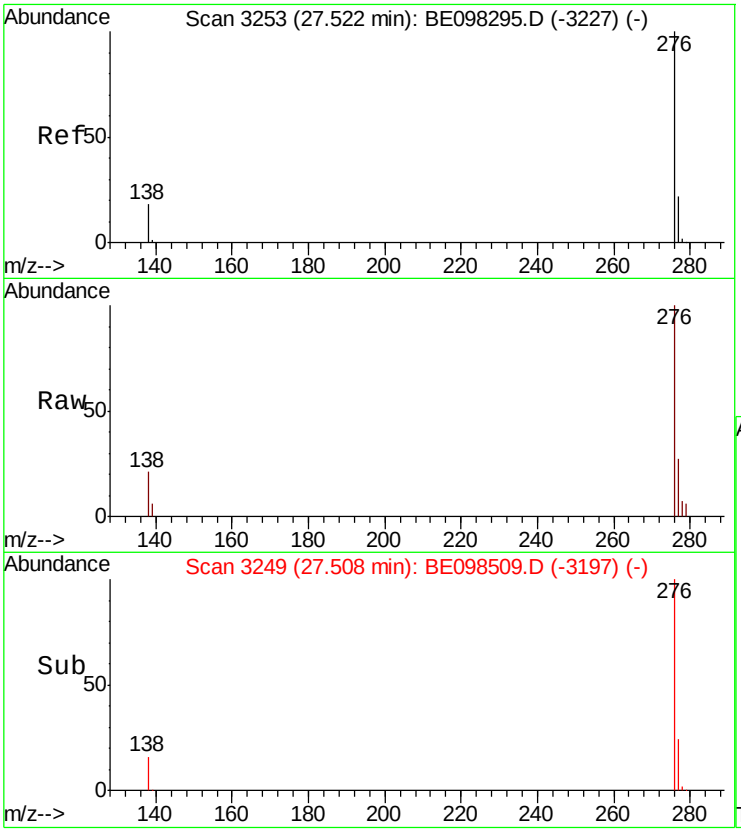


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.71 min Scan# 3024
Delta R.T. -0.02 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Tgt Ion:278 Resp: 7245

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.5	21.7
279	28.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.343 ng
RT: 27.51 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BE098509.D
Acq: 18 Dec 2018 10:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6957

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.8	31.2
138	20.7	15.8	23.6