Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
Data File : BE098520.D
Acq On : 18 Dec 2018 19:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 19 03:25:31 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	7.85	152	1111	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	5748	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	3571	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	8458	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	9598	0.40	ng		-0.01
34) Perylene-d12	23.99	264	8979	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1126	0.43	ng		0.00
5) Phenol-d6	7.03	99	1866	0.51	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1782	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3837	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	483	0.37	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	5972	0.40	ng		-0.01
25) Fluoranthene-d10	19.30	212	40738	0.38	ng		-0.01
29) Terphenyl-d14	19.89	244	7941	0.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	717	0.373	ng		94
3) n-Nitrosodimethylamine	3.69	42	502	0.290	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	1352	0.386	ng		81
9) Naphthalene	10.69	128	22966	0.397	ng		99
10) Hexachlorobutadiene	10.98	225	1479	0.402	ng		98
12) 2-Methylnaphthalene	12.32	142	3748	0.399	ng		97
16) Acenaphthylene	14.23	152	5915	0.354	ng		99
17) Acenaphthene	14.57	154	3882	0.386	ng		98
18) Fluorene	15.56	166	4949	0.368	ng		100
20) 4-Bromophenyl-phenylether	16.45	248	1781	0.391	ng		88
21) Hexachlorobenzene	16.57	284	2066	0.422	ng		96
22) Pentachlorophenol	16.93	266	322	0.408	ng		94
23) Phenanthrene	17.30	178	7900	0.384	ng		99
24) Anthracene	17.40	178	6477	0.354	ng		100
26) Fluoranthene	19.33	202	10049	0.370	ng		98
28) Pyrene	19.69	202	10522	0.349	ng		100
30) Benzo(a)anthracene	21.44	228	10132	0.371	ng		98
31) Chrysene	21.49	228	10879	0.380	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	18325	0.330	ng		99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8115	0.285	ng	#	85
35) Benzo(b)fluoranthene	23.21	252	9559	0.389	ng		98
36) Benzo(k)fluoranthene	23.26	252	11901	0.416	ng		98
37) Benzo(a)pyrene	23.87	252	9905	0.391	ng		98
38) Dibenzo(a,h)anthracene	26.69	278	7399	0.310	ng	#	90
39) Benzo(g,h,i)perylene	27.49	276	6803	0.283	ng		98

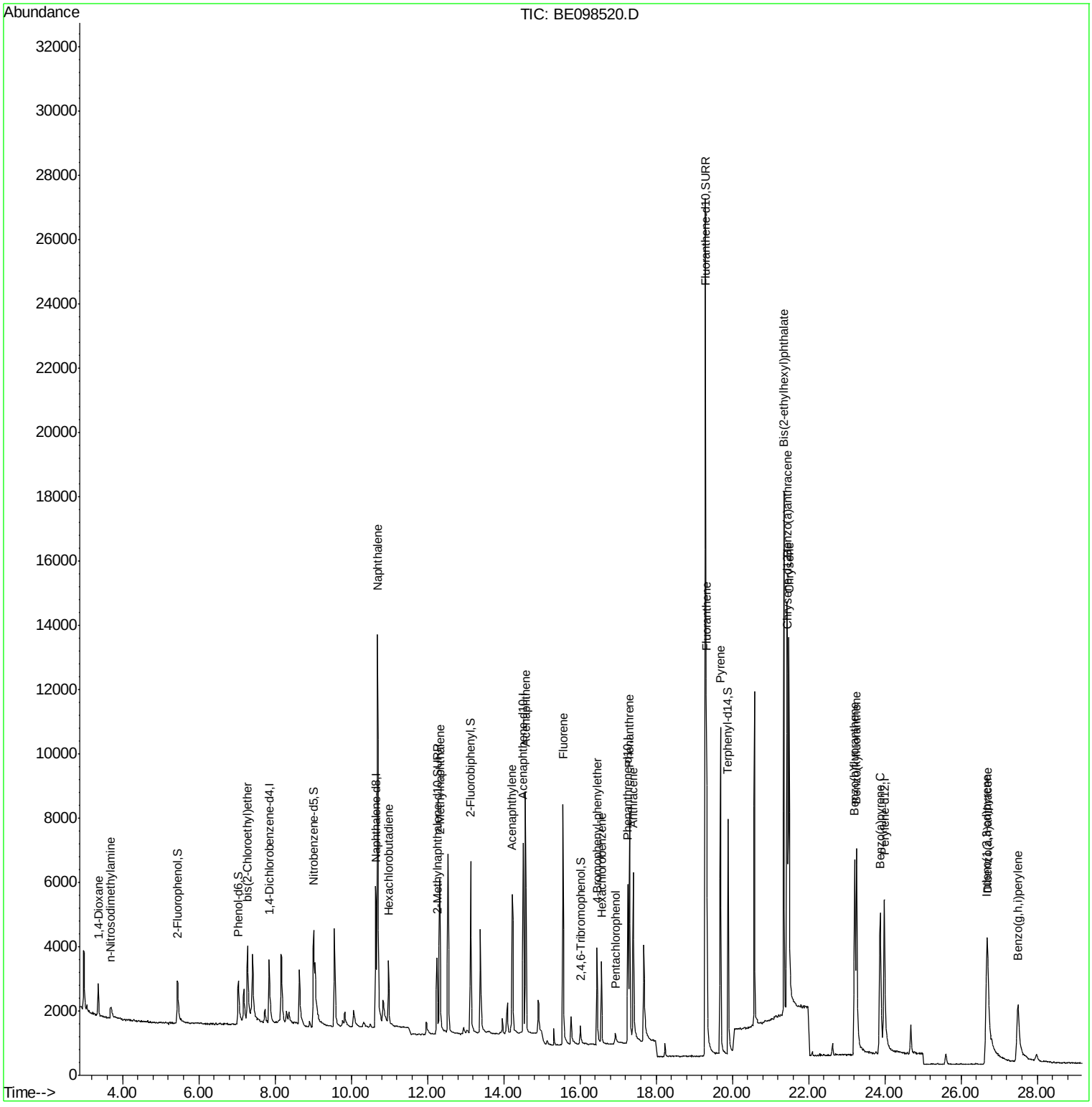
(#) = qualifier out of range (m) = manual integration (+) = signals summed

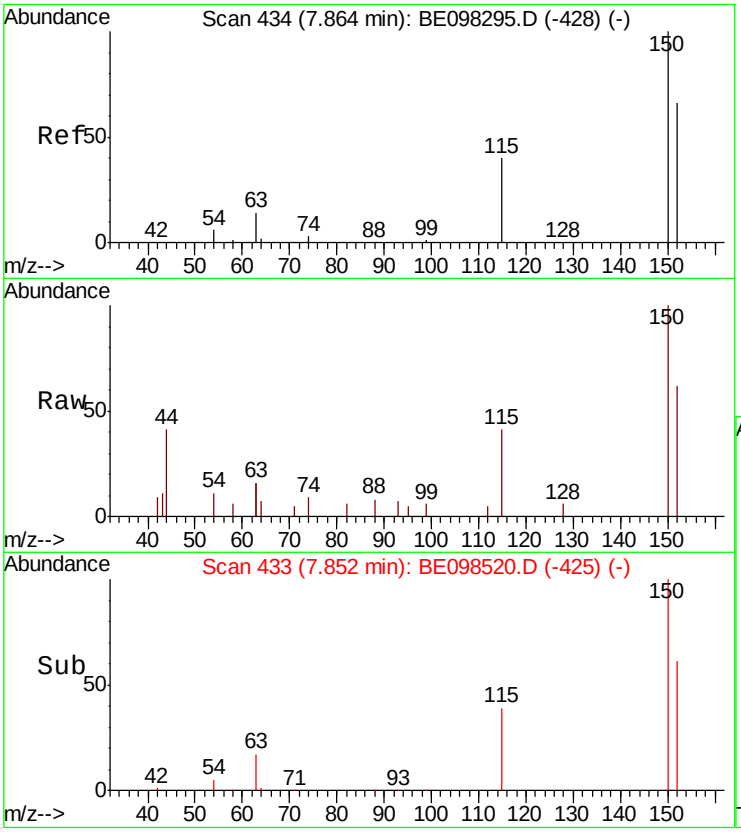
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121818\
Data File : BE098520.D
Acq On : 18 Dec 2018 19:39
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 19 03:25:31 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



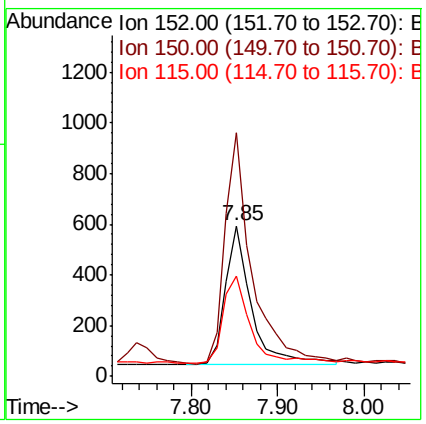


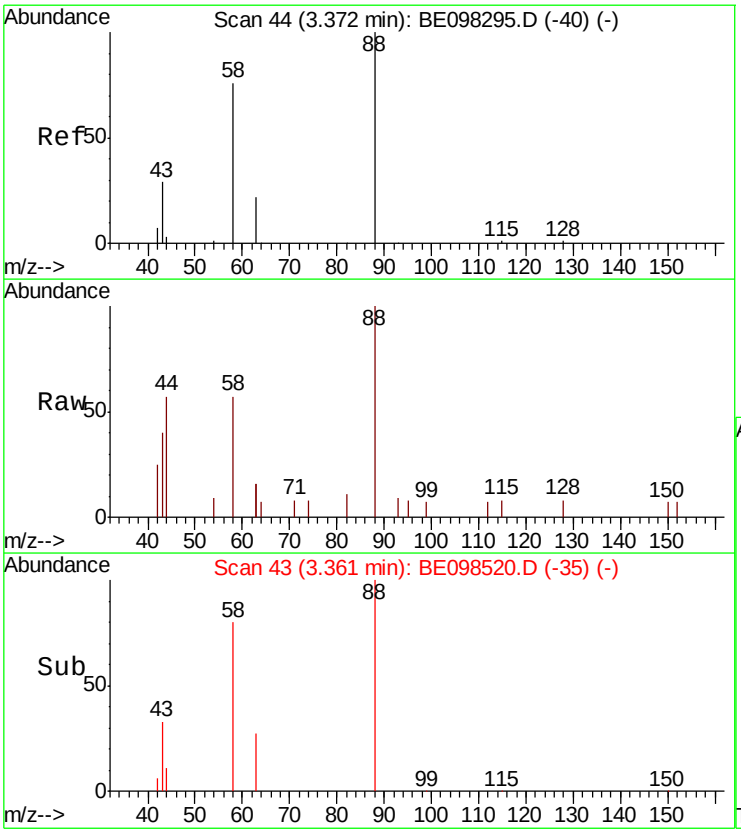
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1111

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.2	186.4
115	67.1	53.9	80.9

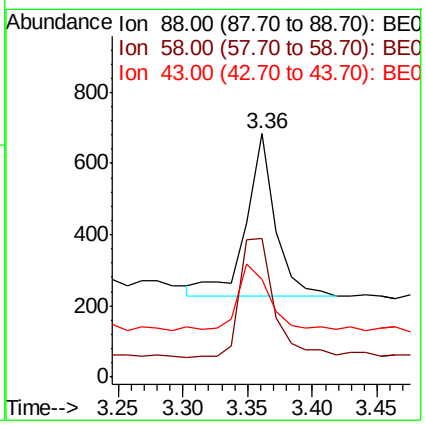


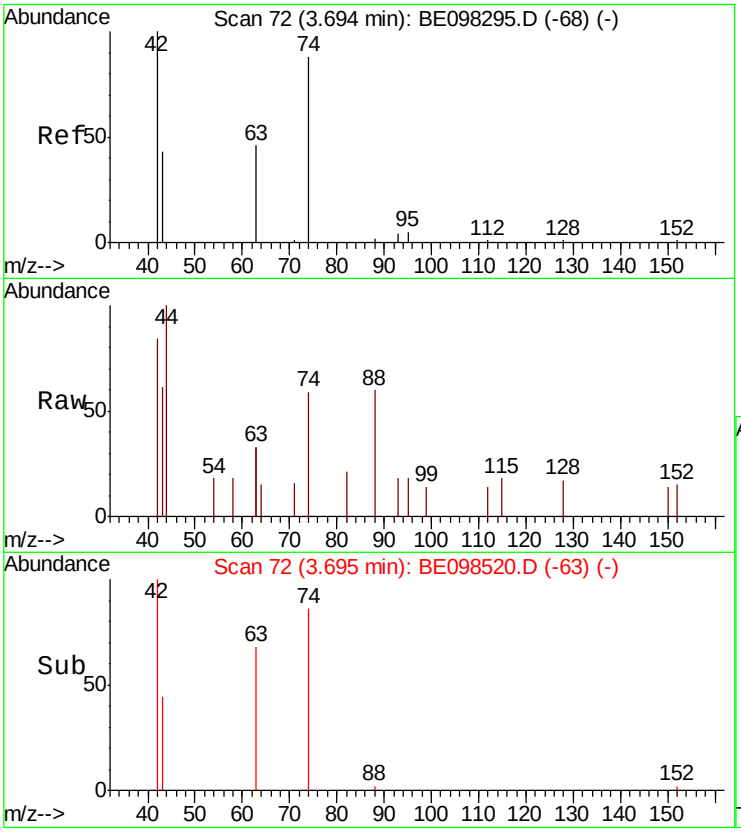


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion: 88 Resp: 717

Ion	Ratio	Lower	Upper
88	100		
58	86.2	75.0	112.6
43	46.6	38.3	57.5



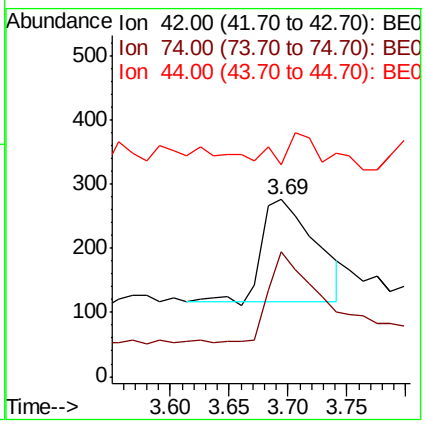


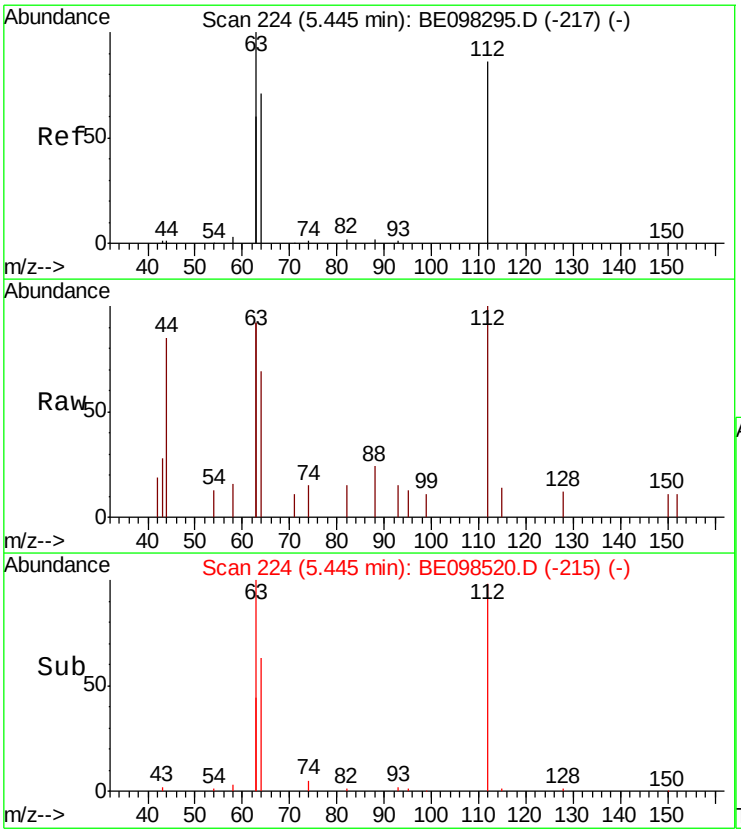
#3
n-Nitrosodimethylamine
Concen: 0.290 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 502

Ion	Ratio	Lower	Upper
42	100		
74	74.9	0.0	0.0#
44	14.1	0.0	0.0#

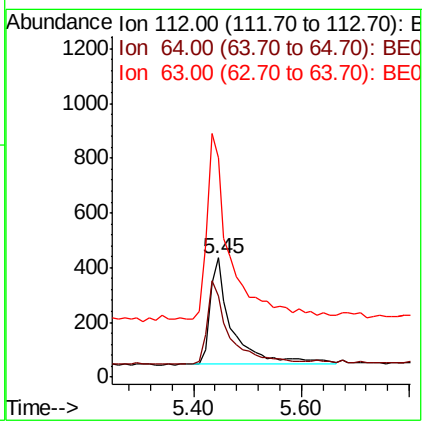


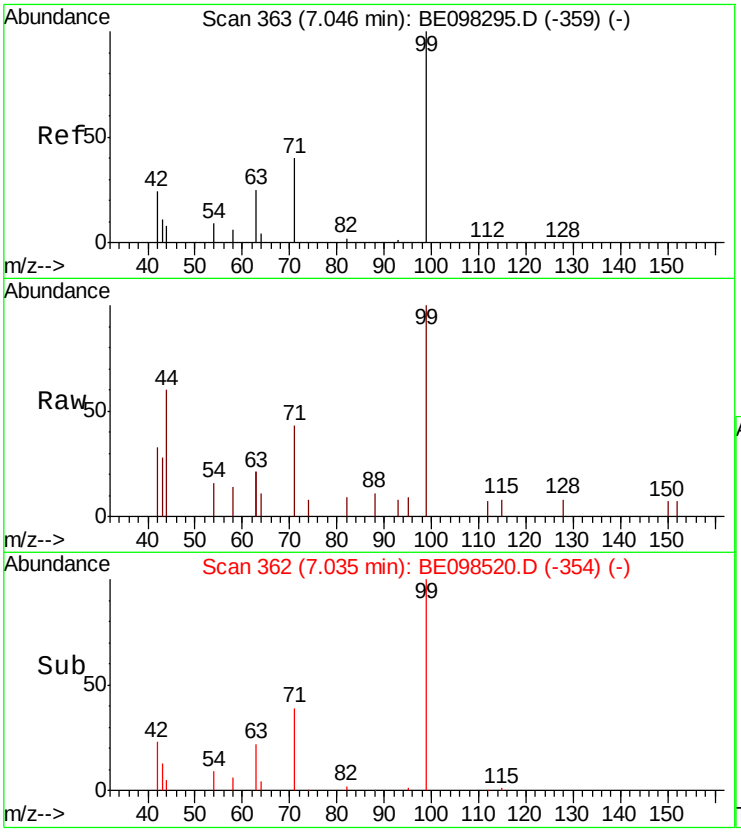


#4
2-Fluorophenol
Concen: 0.433 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:112 Resp: 1126

Ion	Ratio	Lower	Upper
112	100		
64	77.3	59.8	89.8
63	174.8	133.7	200.5



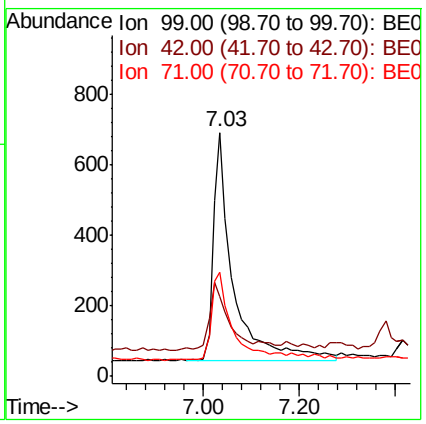


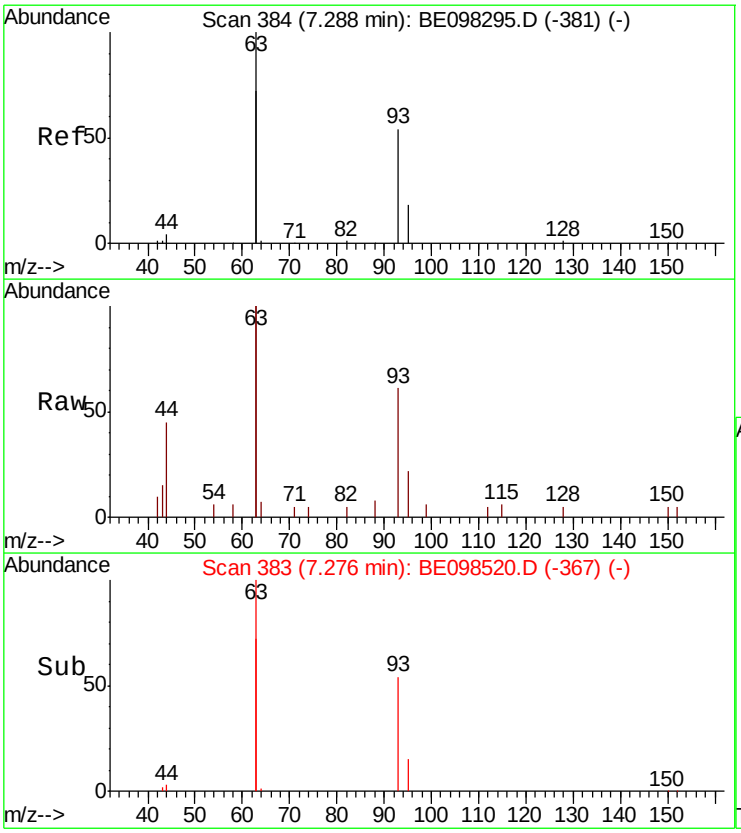
#5
Phenol-d6
Concen: 0.507 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1866

Ion	Ratio	Lower	Upper
99	100		
42	26.8	26.3	39.5
71	42.0	33.6	50.4

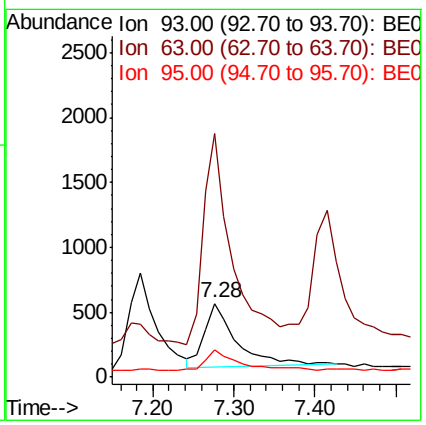


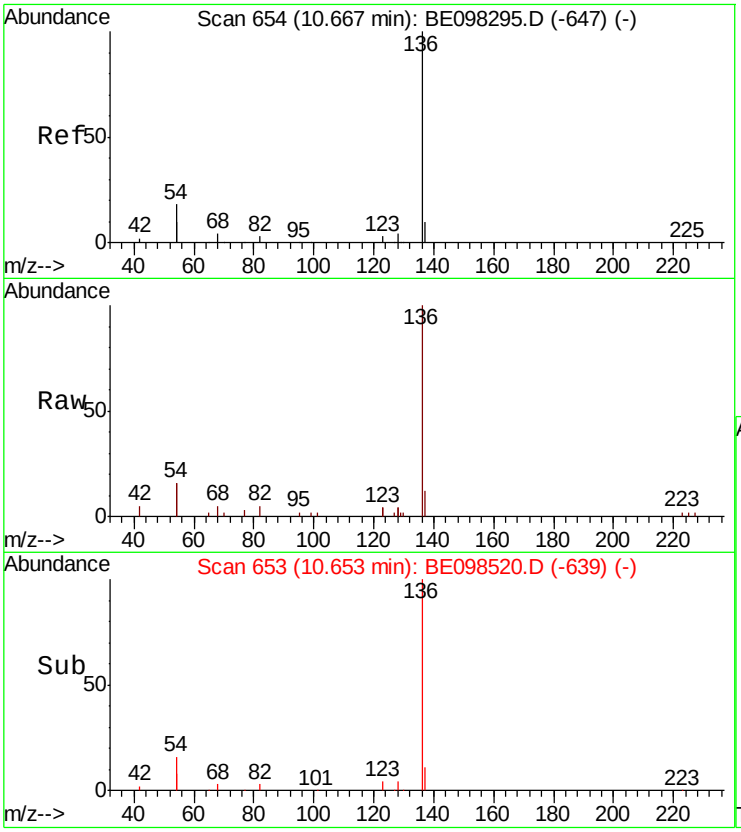


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion: 93 Resp: 1352

Ion	Ratio	Lower	Upper
93	100		
63	287.7	264.4	396.6
95	32.8	26.6	40.0



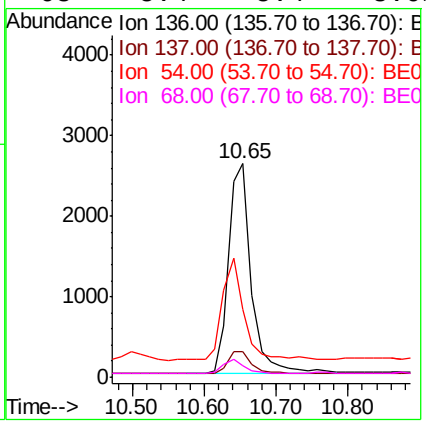


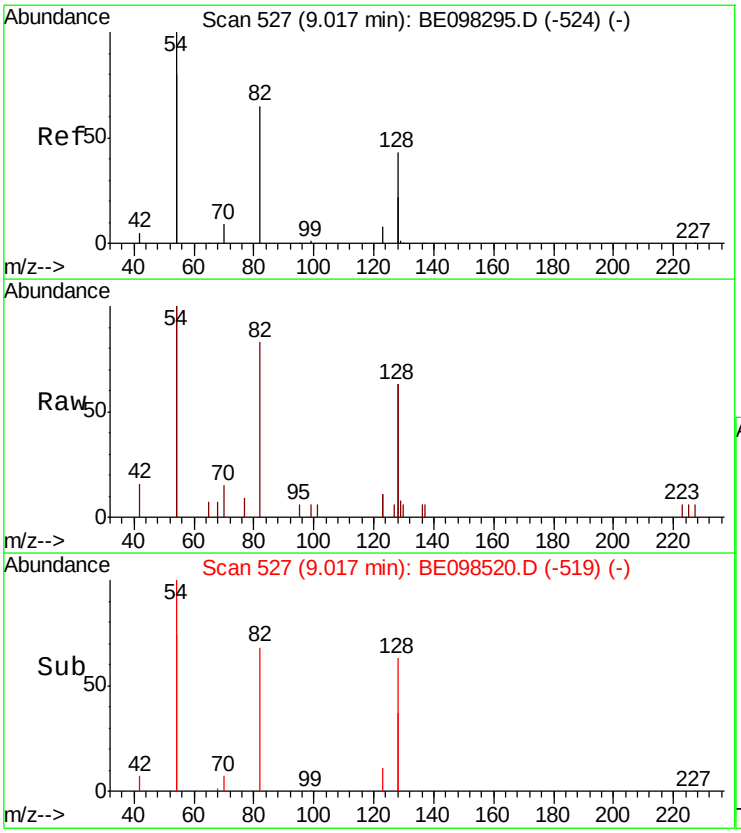
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 5748

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	32.0	28.4	42.6
68	5.4	5.4	8.0#

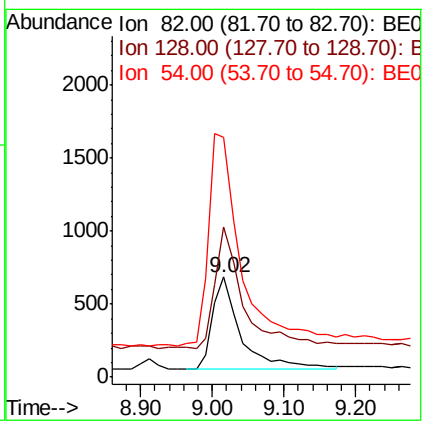


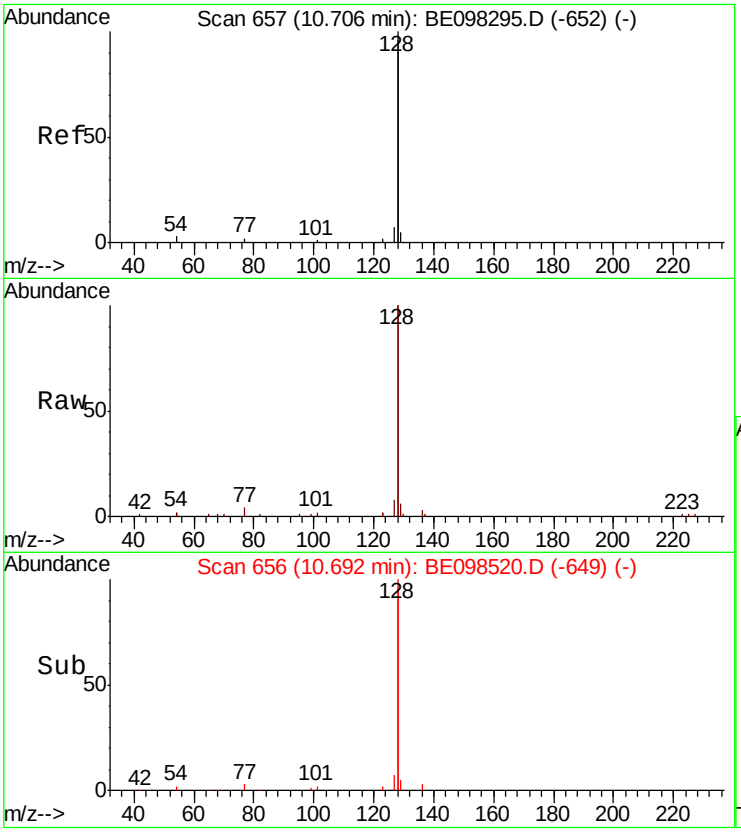


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion: 82 Resp: 1782

Ion	Ratio	Lower	Upper
82	100		
128	150.4	102.4	153.6
54	239.7	221.8	332.8



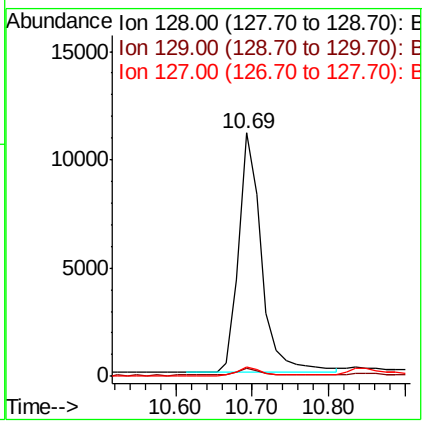


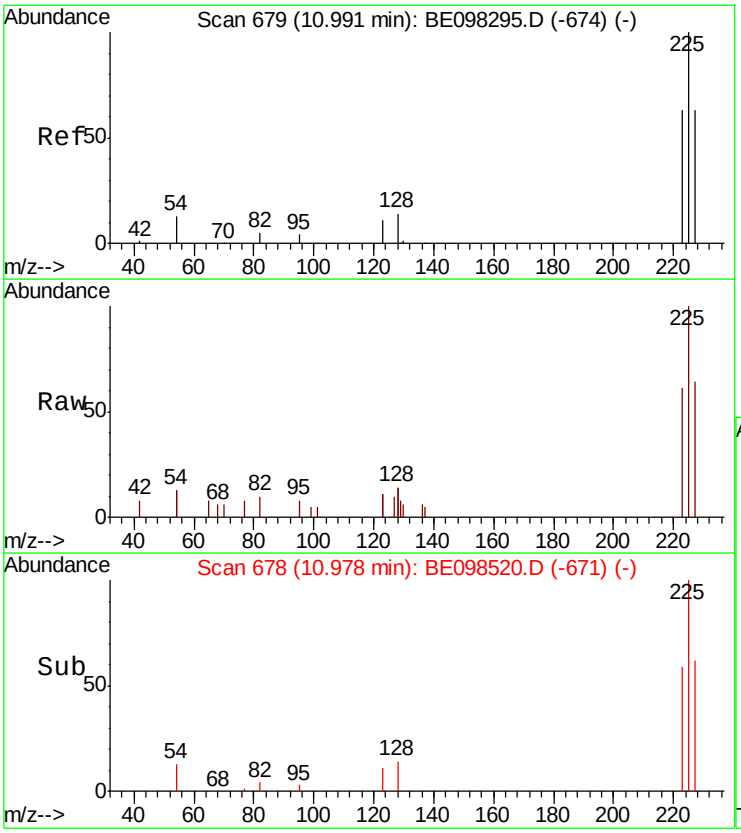
#9
Naphthalene
Concen: 0.397 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 22966

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.5	3.7
127	3.8	2.7	4.1

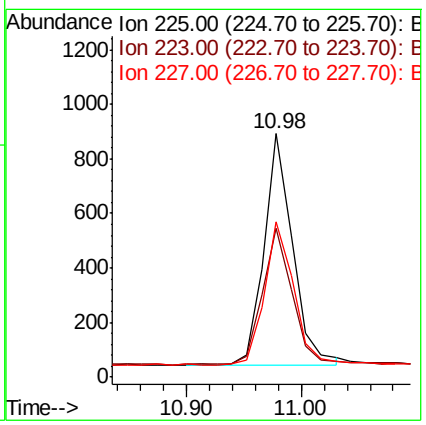


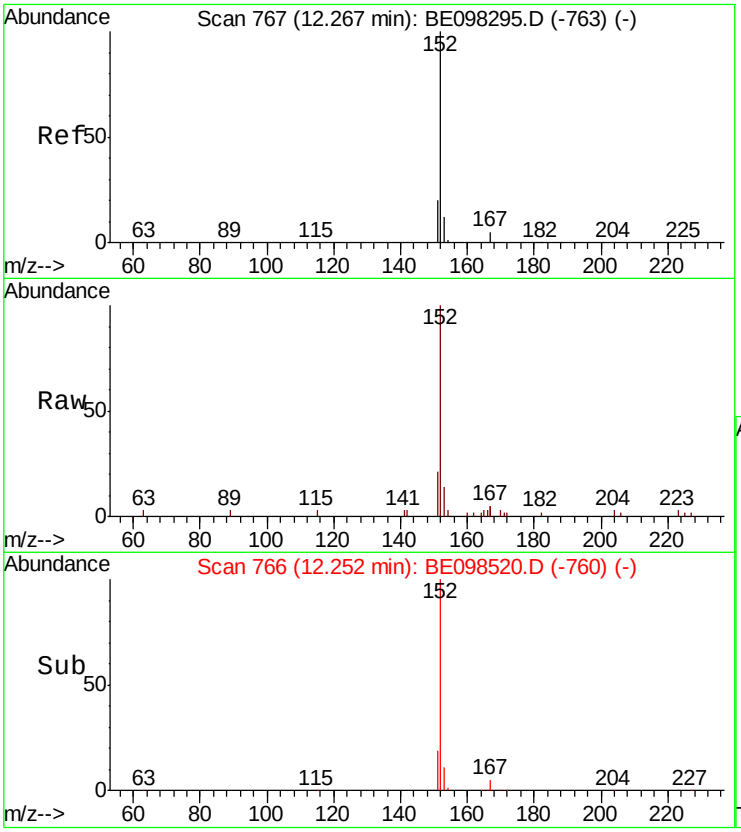


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:225 Resp: 1479

Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.4	74.0
227	63.4	52.0	78.0



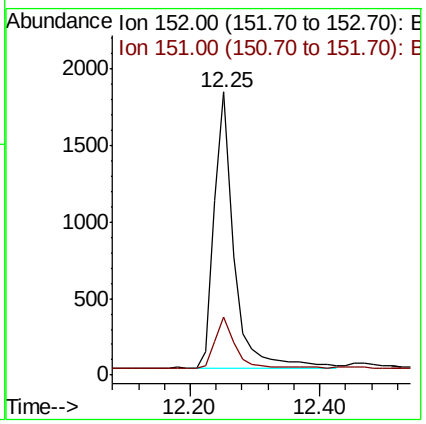


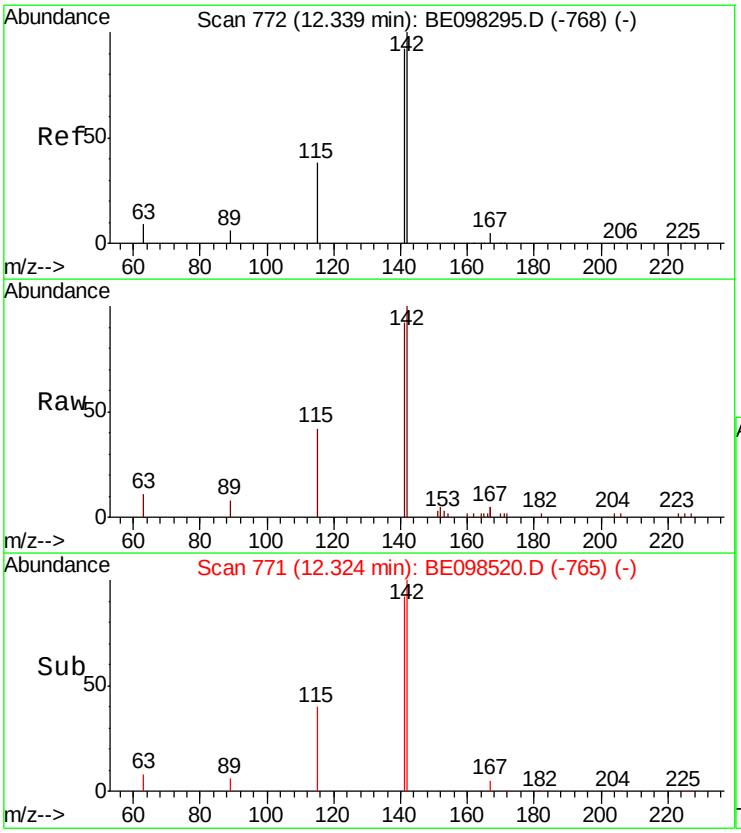
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3837

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

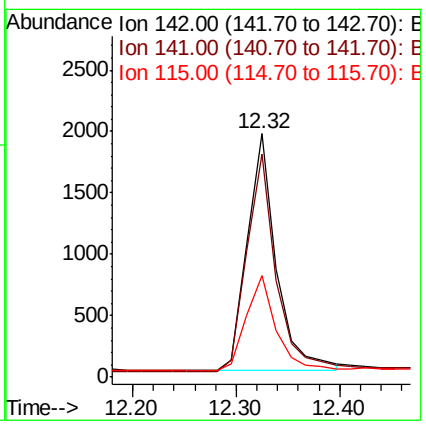


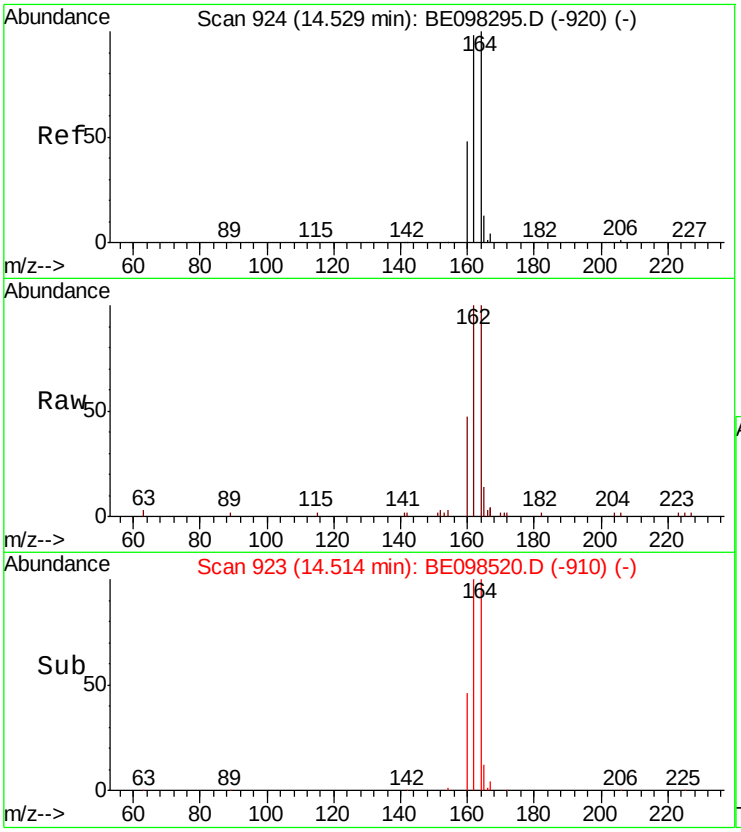


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:142 Resp: 3748

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.0	106.6
115	41.8	32.2	48.2



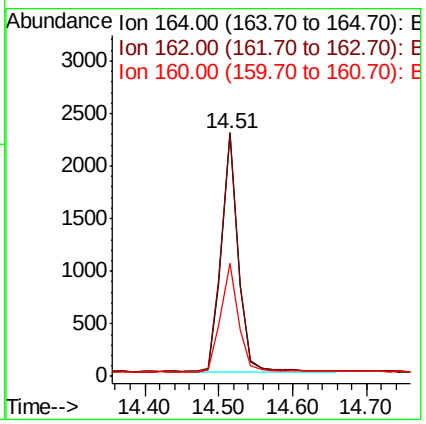


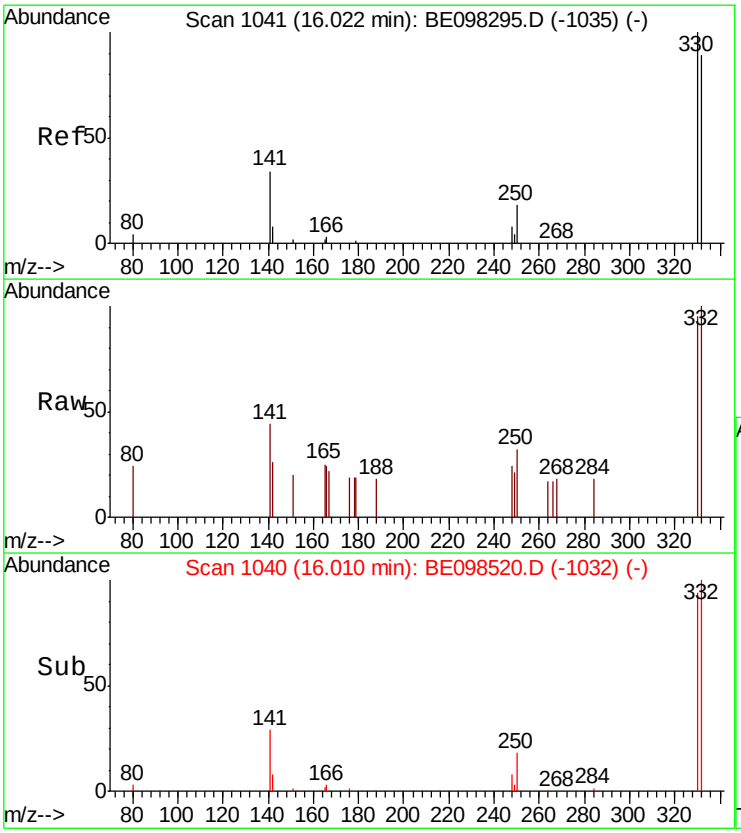
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3571

Ion	Ratio	Lower	Upper
164	100		
162	100.0	77.6	116.4
160	46.7	36.0	54.0

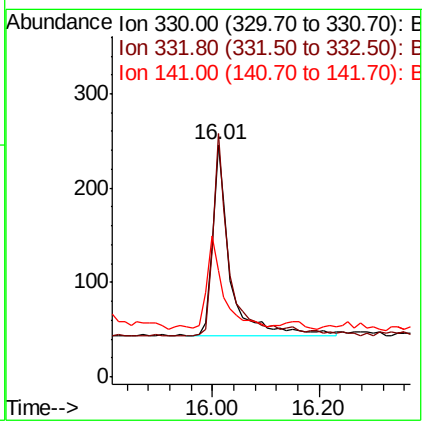


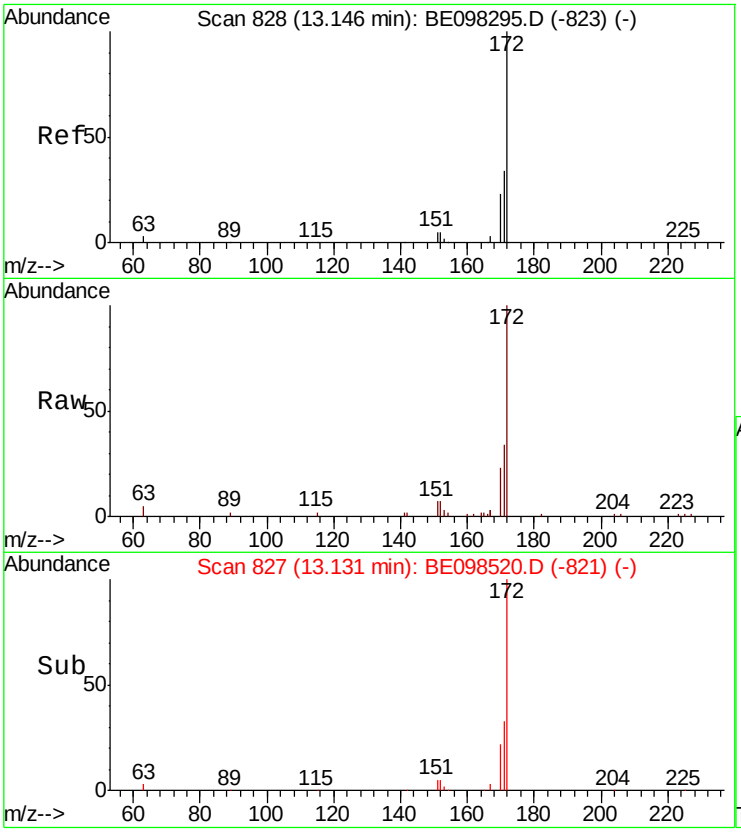


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:330 Resp: 483

Ion	Ratio	Lower	Upper
330	100		
332	103.3	76.2	114.4
141	43.1	39.0	58.4



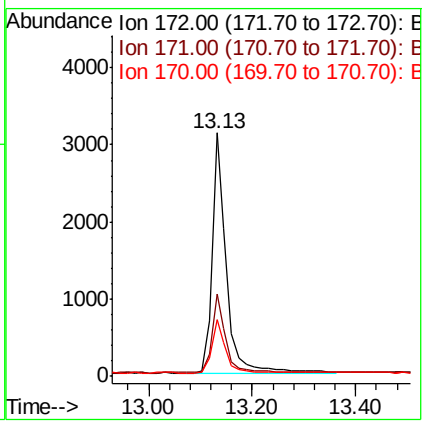


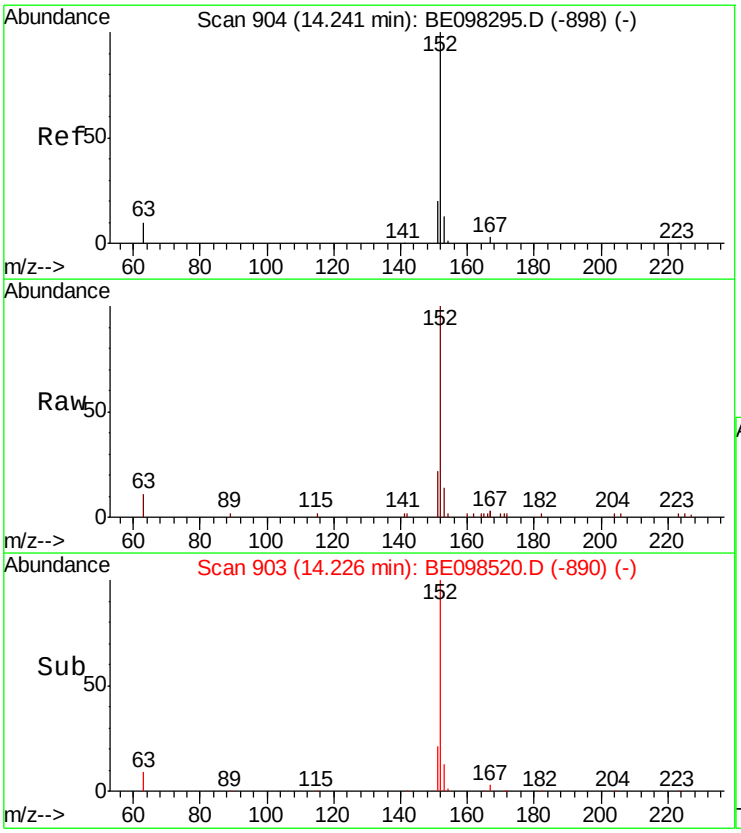
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5972

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	23.2	19.6	29.4

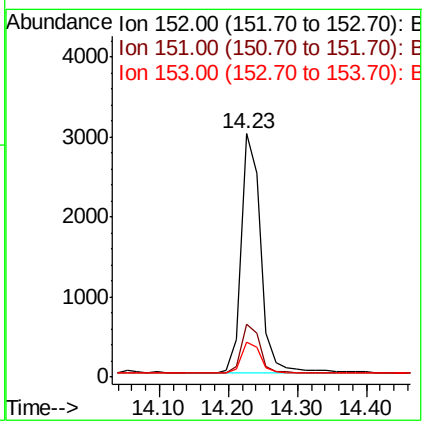


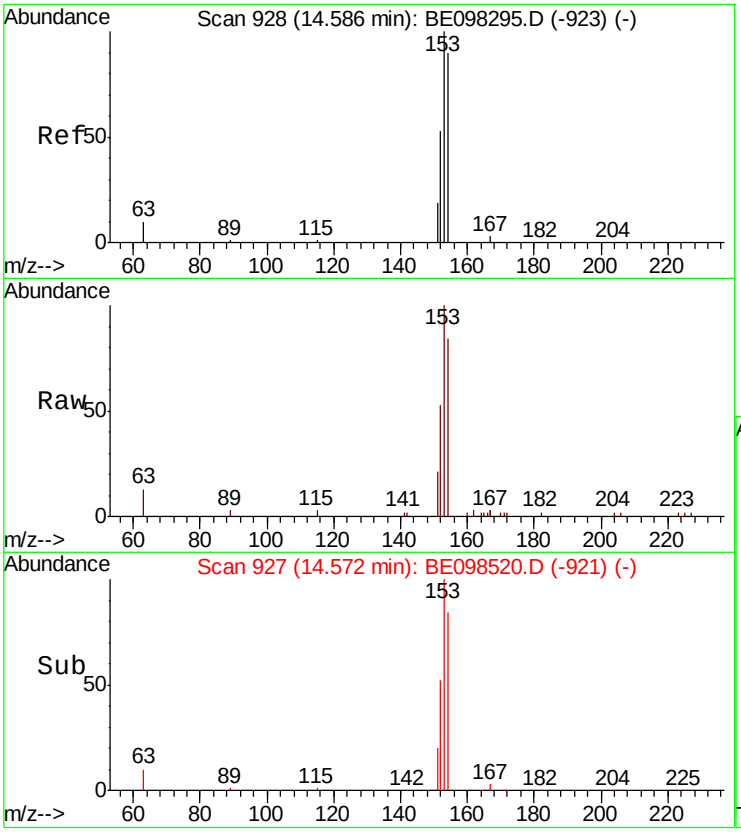


#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:152 Resp: 5915

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.5	10.6	16.0



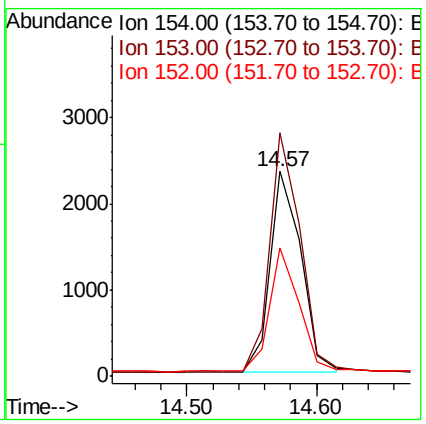


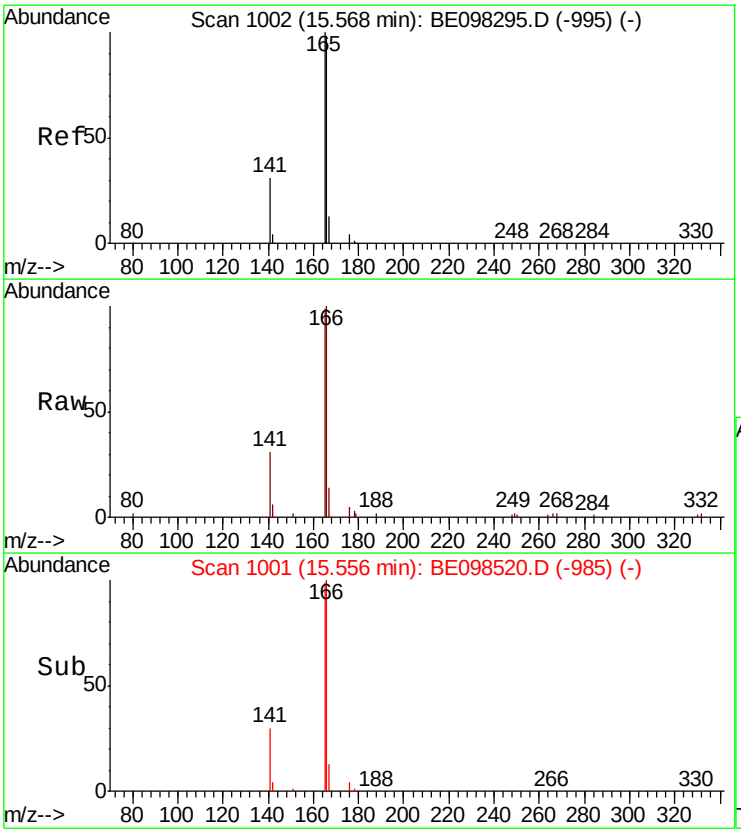
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3882

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.8	137.6
152	58.3	45.5	68.3

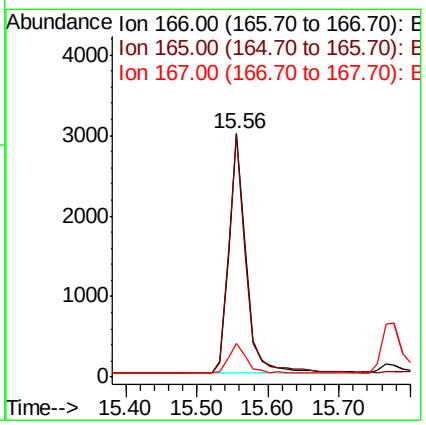


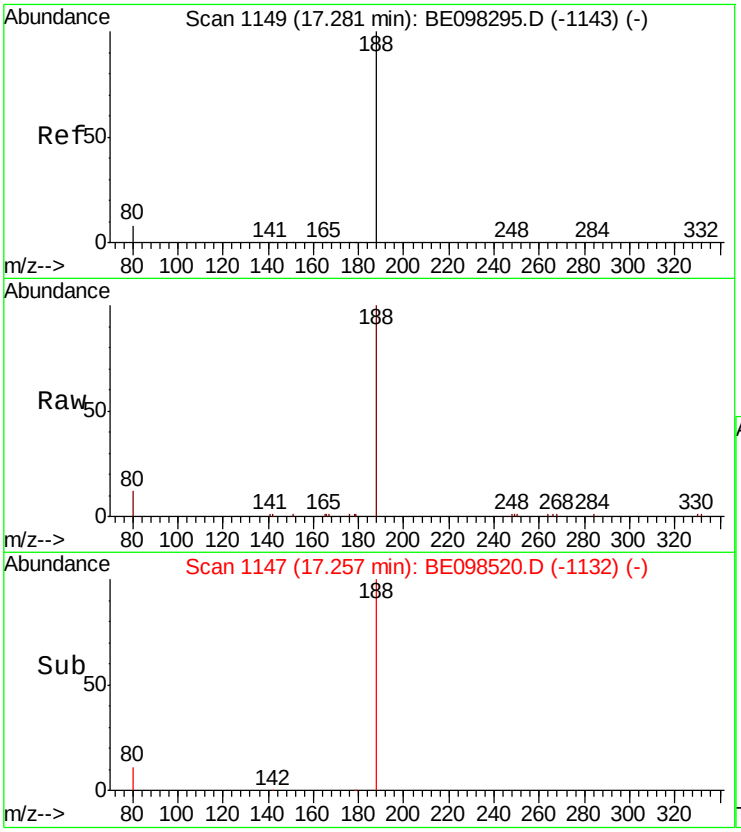


#18
Fluorene
Concen: 0.368 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:166 Resp: 4949

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.3	118.9
167	13.6	11.3	16.9



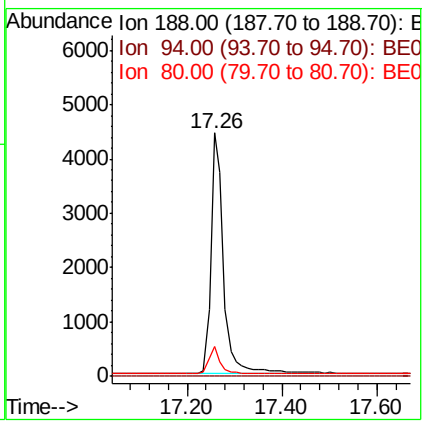


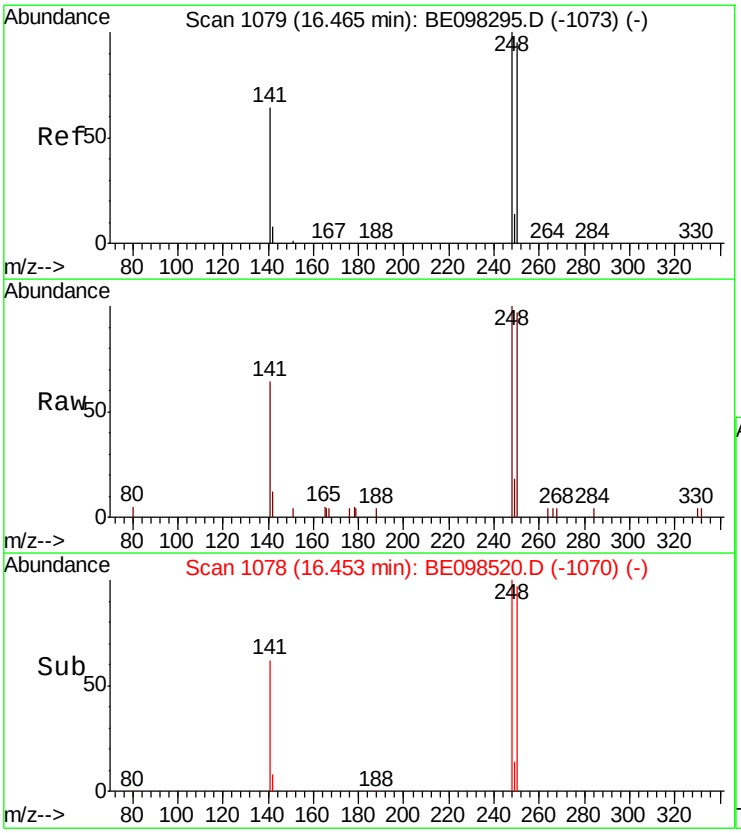
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 8458

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	7.2	10.8#

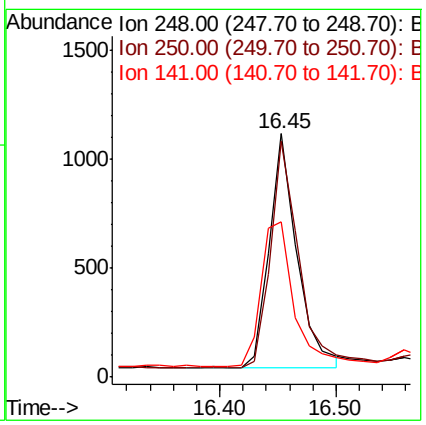


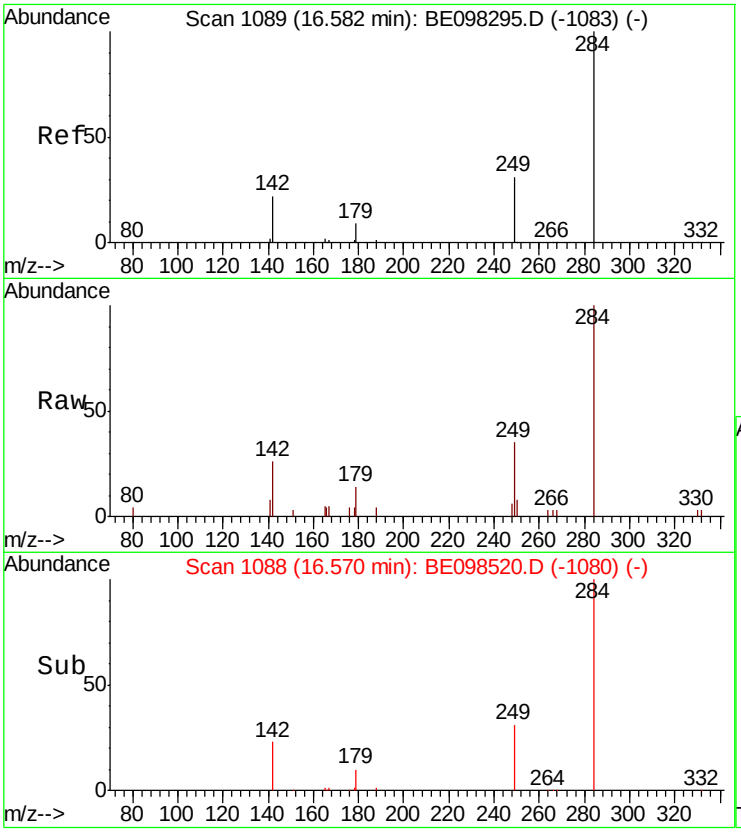


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:248 Resp: 1781

Ion	Ratio	Lower	Upper
248	100		
250	97.0	71.0	106.6
141	64.0	62.1	93.1



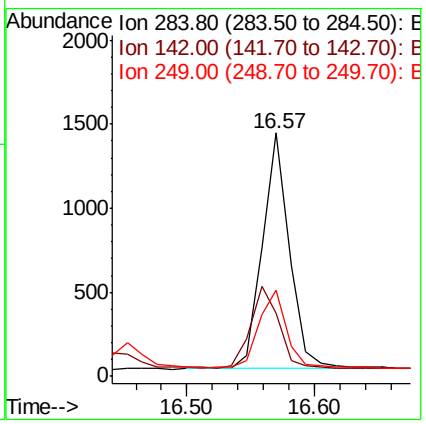


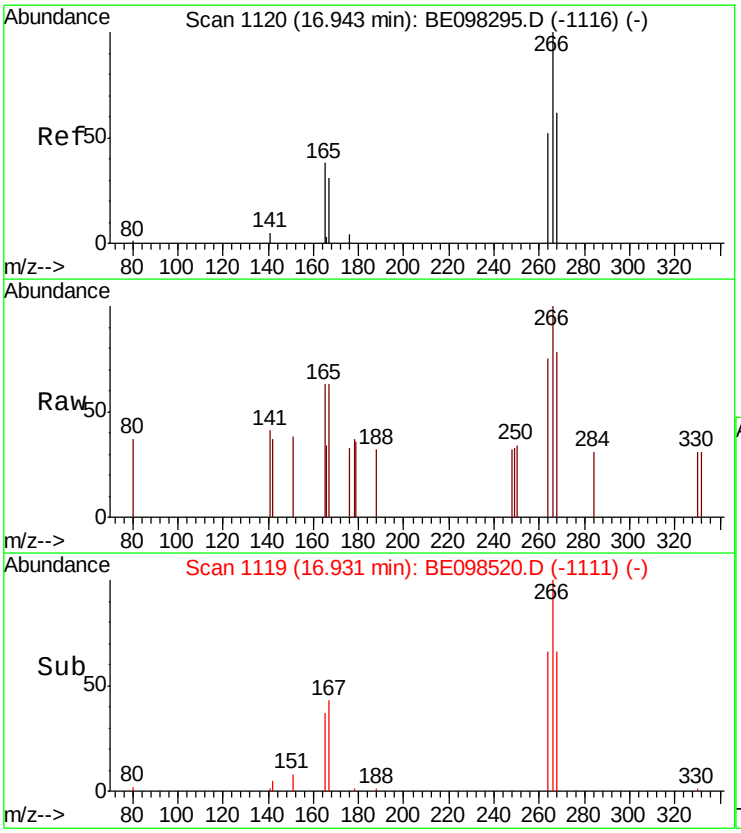
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2066

Ion	Ratio	Lower	Upper
284	100		
142	36.2	26.3	39.5
249	33.6	26.0	39.0

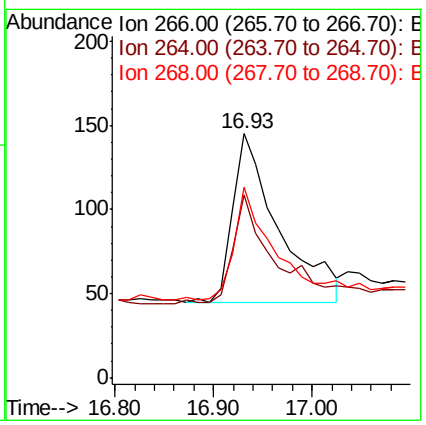


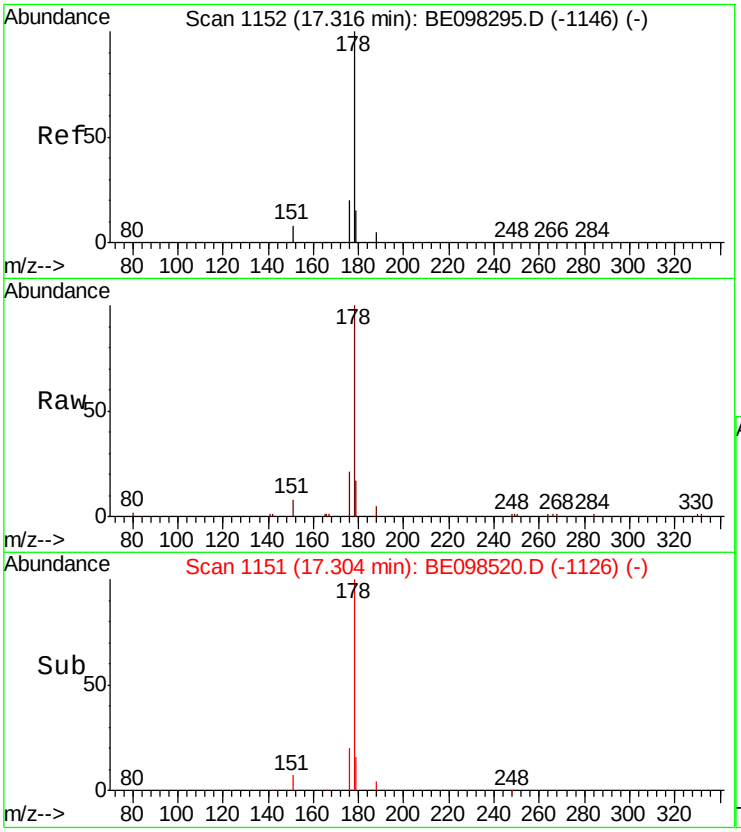


#22
Pentachlorophenol
Concen: 0.408 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:266 Resp: 322

Ion	Ratio	Lower	Upper
266	100		
264	75.2	59.0	88.4
268	77.9	55.1	82.7



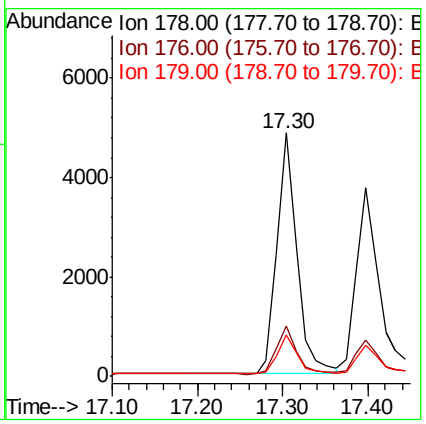


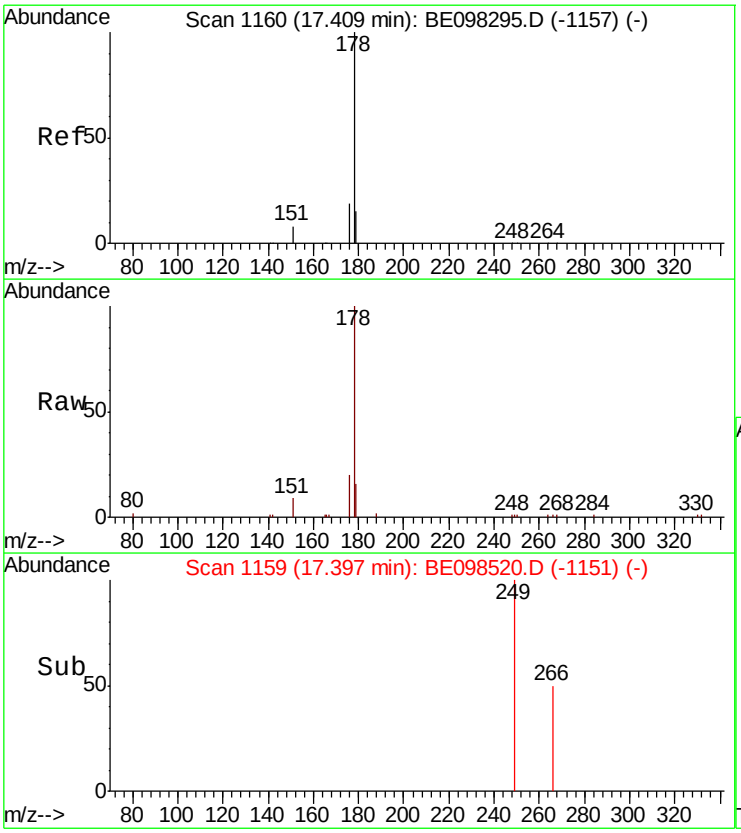
#23
Phenanthrene
Concen: 0.384 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7900

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.8	12.3	18.5

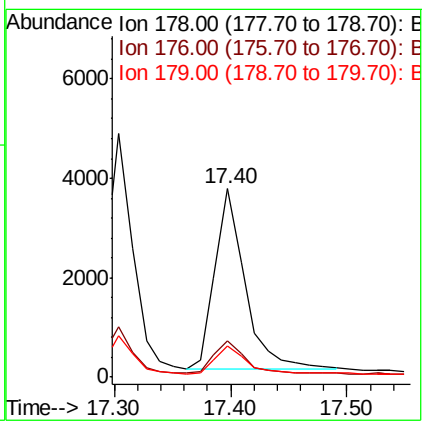


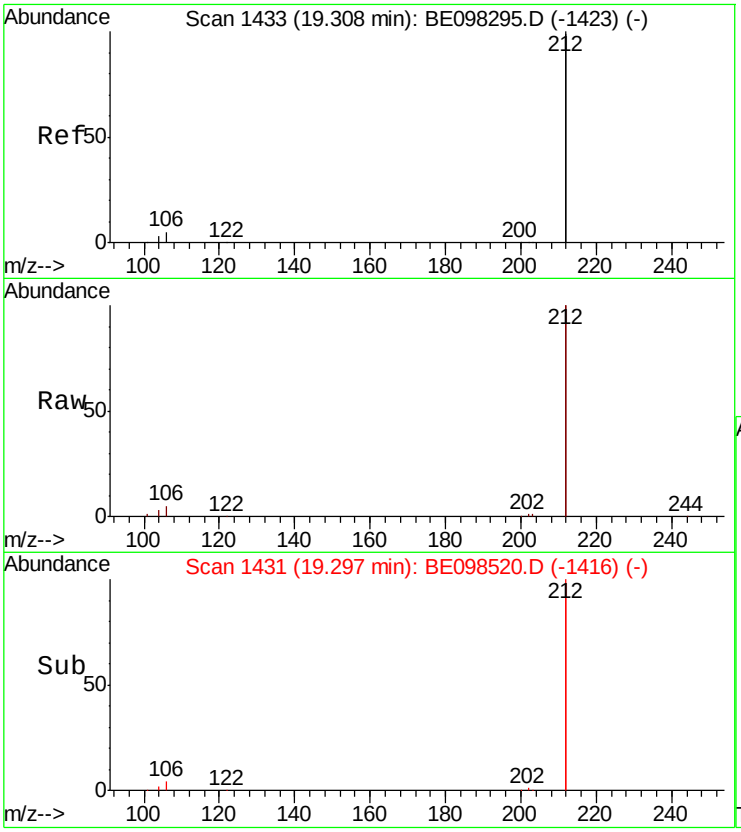


#24
Anthracene
Concen: 0.354 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:178 Resp: 6477

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.3	18.5



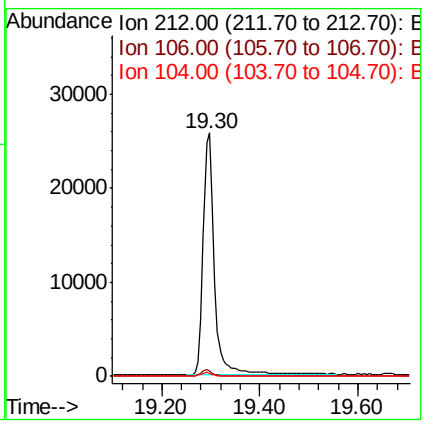


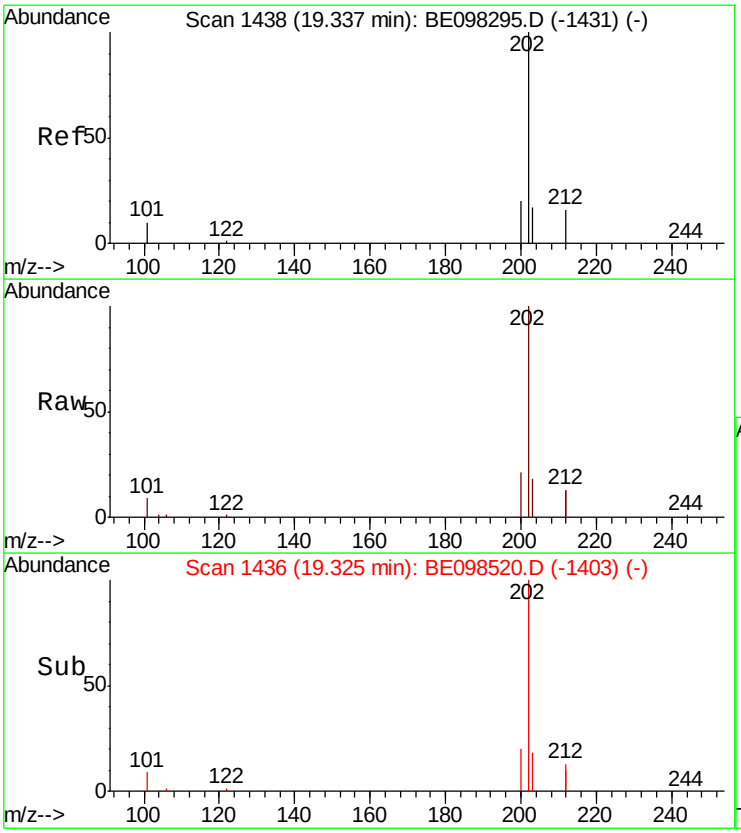
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 40738

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.4	1.3	1.9

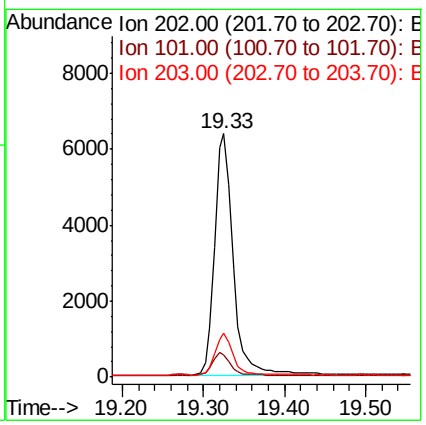


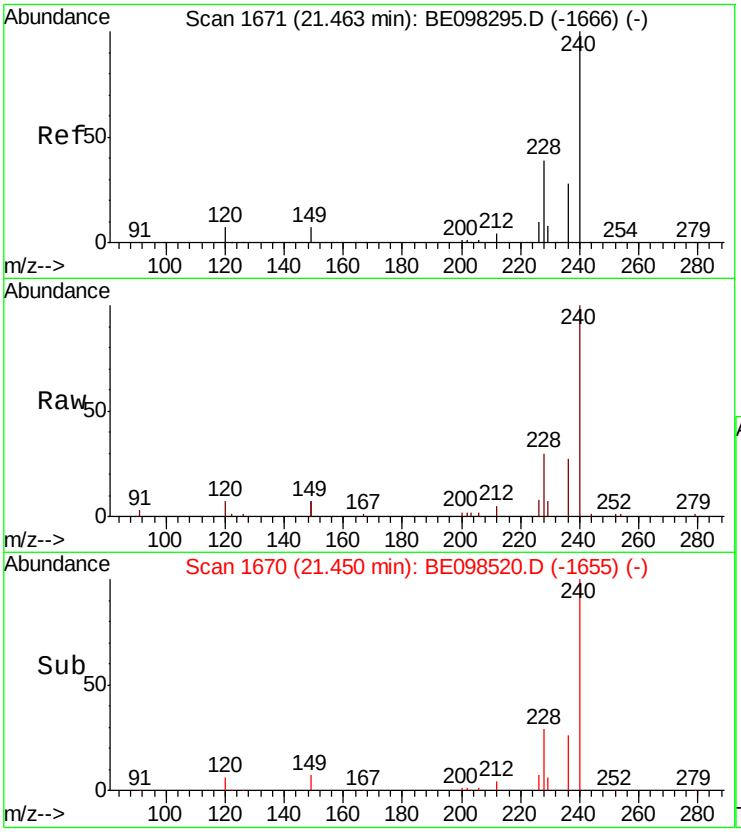


#26
Fluoranthene
Concen: 0.370 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:202 Resp: 10049

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.0	12.0
203	16.6	13.8	20.6



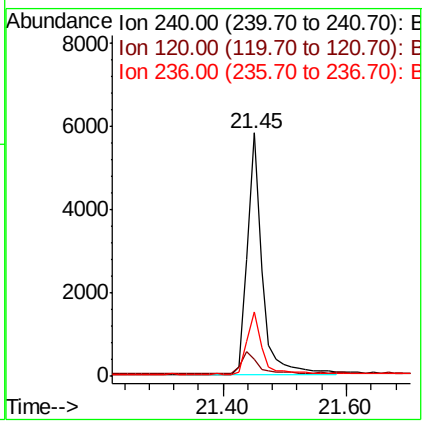


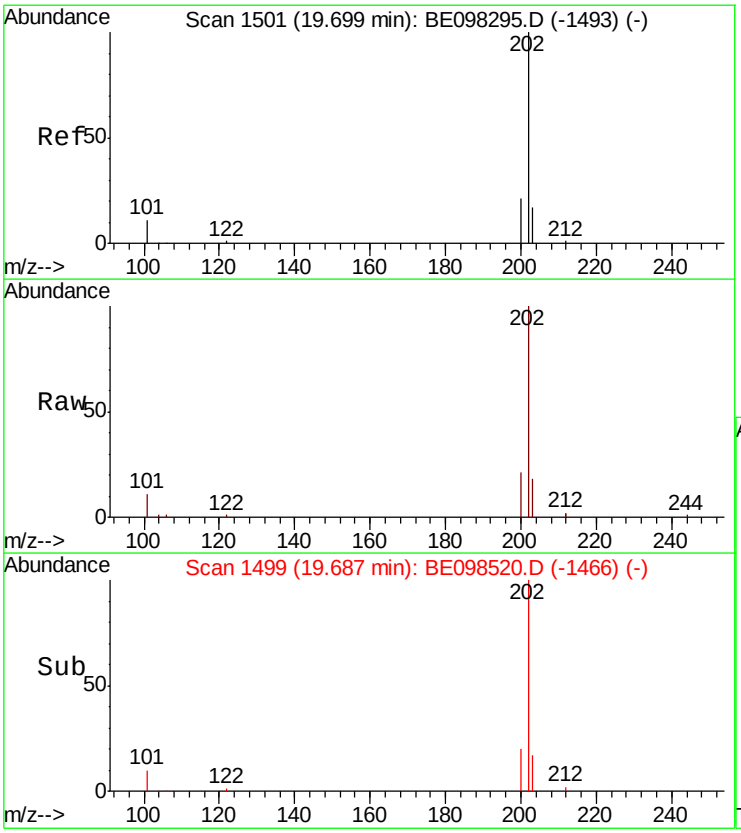
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9598

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	26.5	22.7	34.1

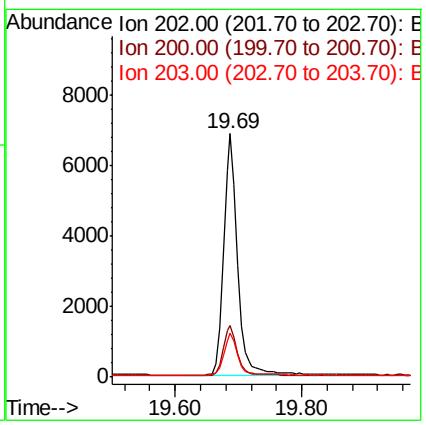


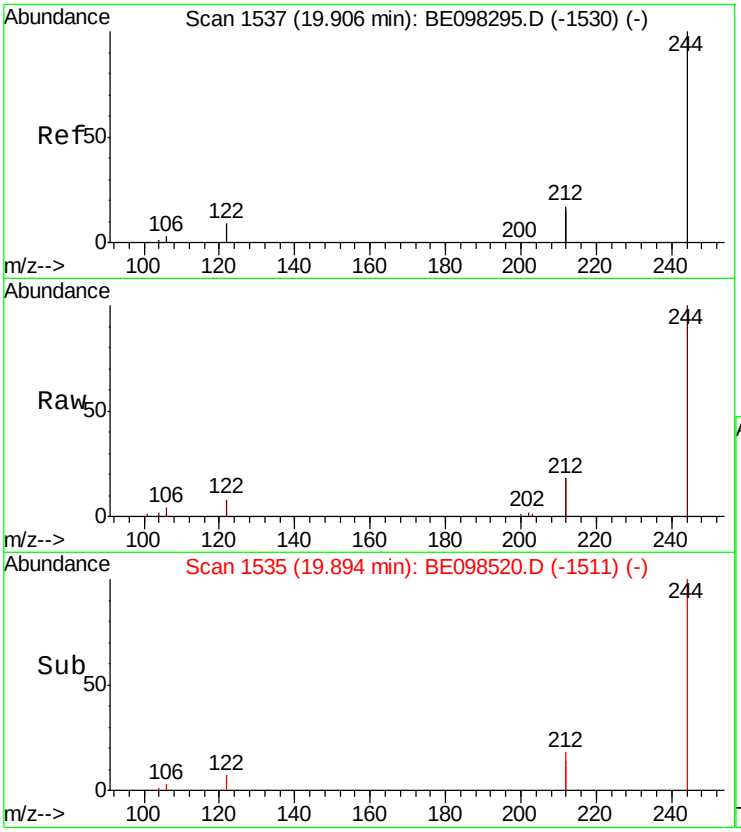


#28
Pyrene
Concen: 0.349 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:202 Resp: 10522

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	14.1	21.1



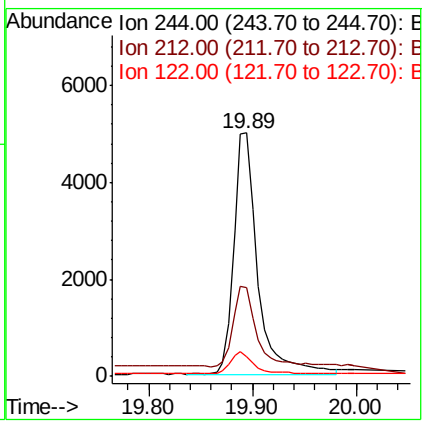


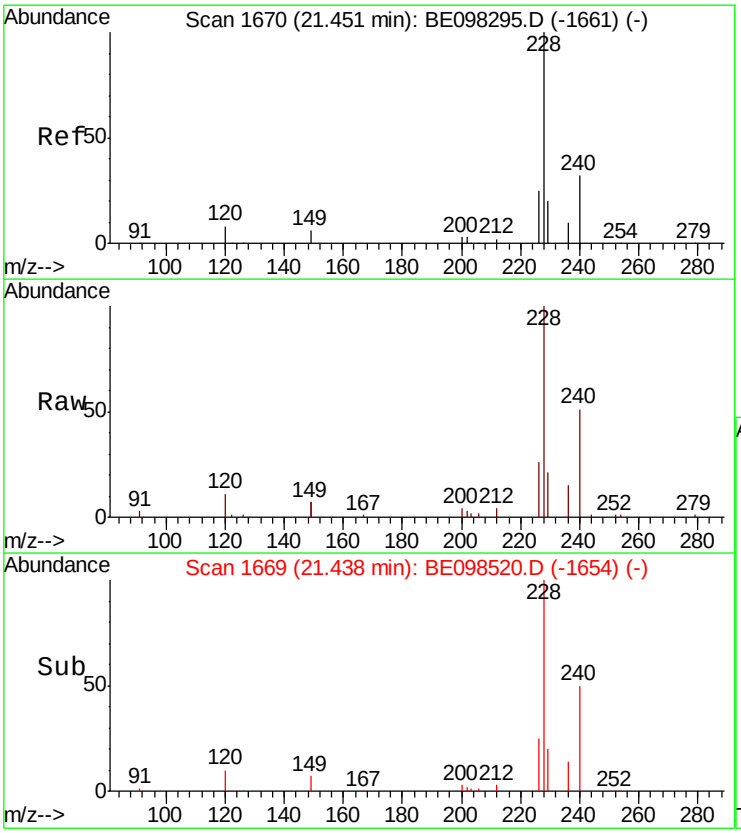
#29
Terphenyl-d14
Concen: 0.340 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7941

Ion	Ratio	Lower	Upper
244	100		
212	36.4	27.4	41.0
122	7.9	8.3	12.5#

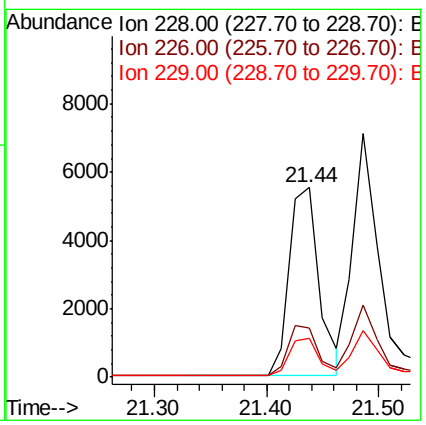


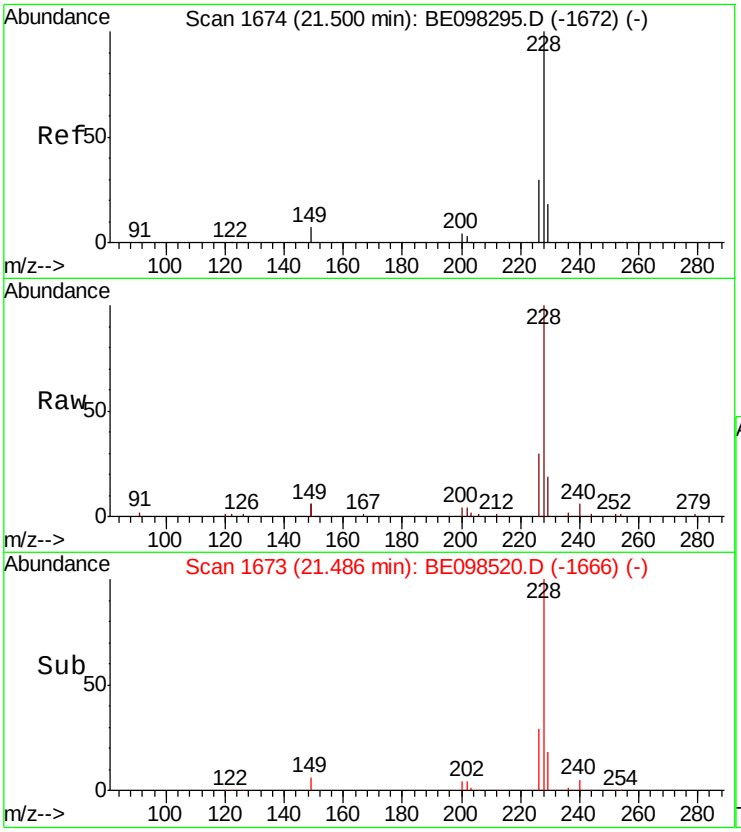


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:228 Resp: 10132

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.8
229	20.7	16.3	24.5



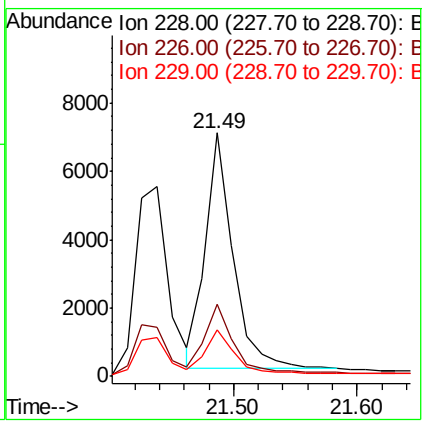


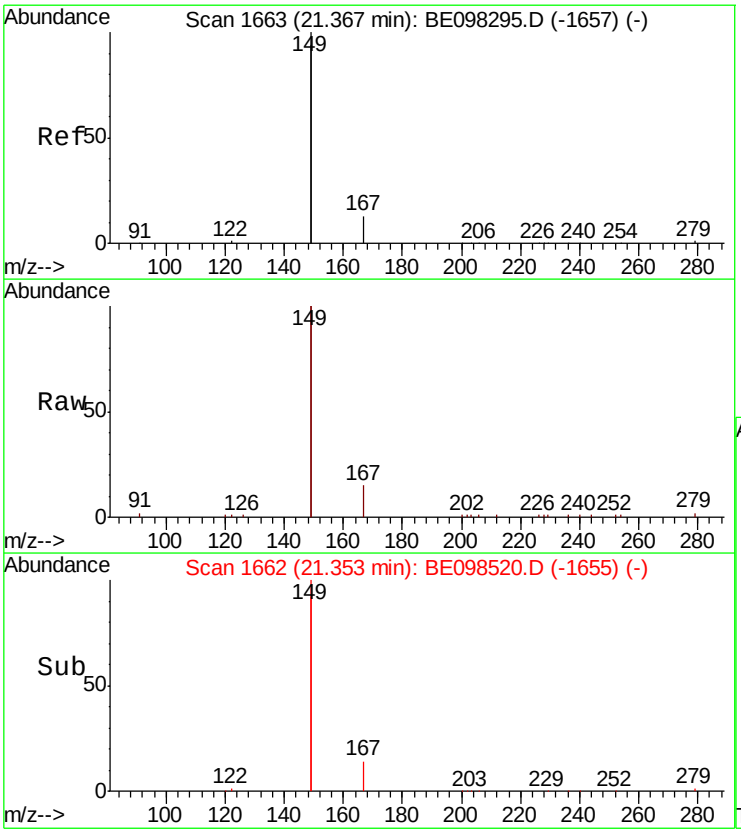
#31
Chrysene
Concen: 0.380 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10879

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	19.0	16.2	24.4

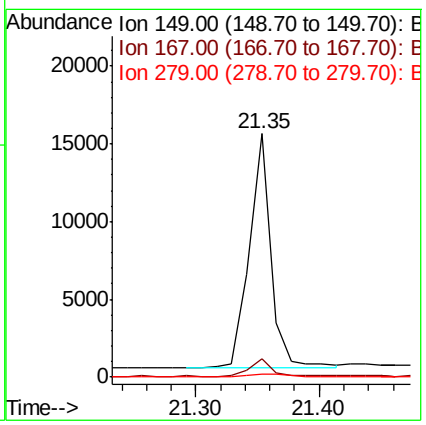


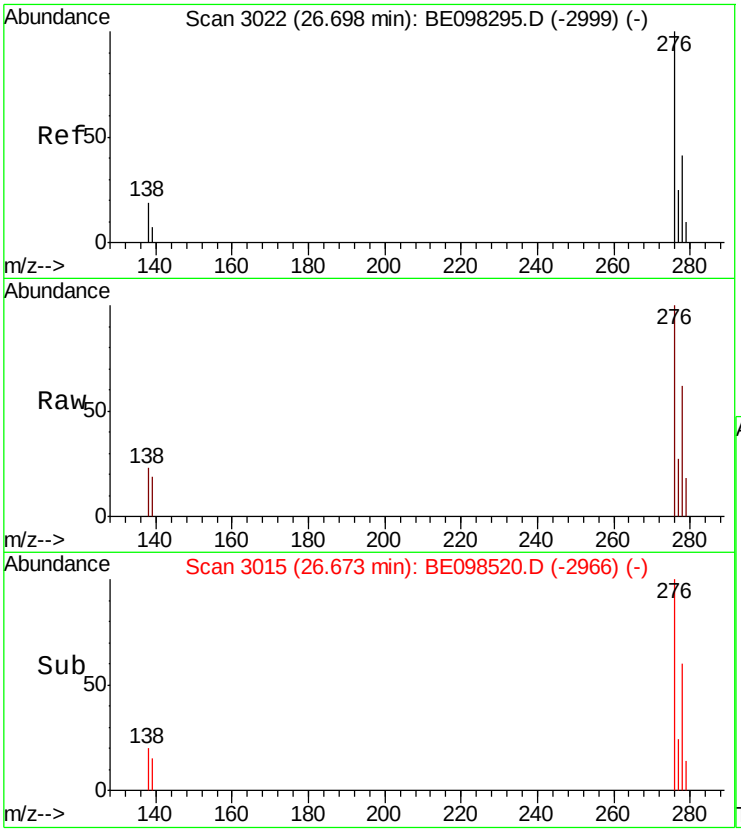


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.330 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:149 Resp: 18325

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.1	1.0	1.4



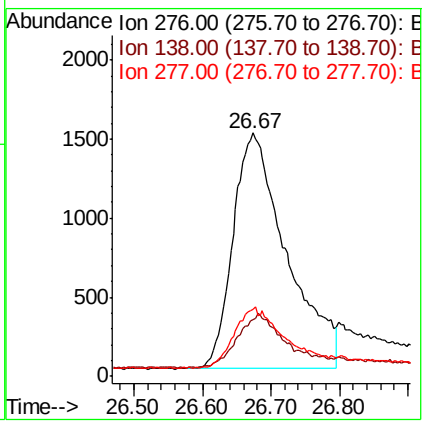


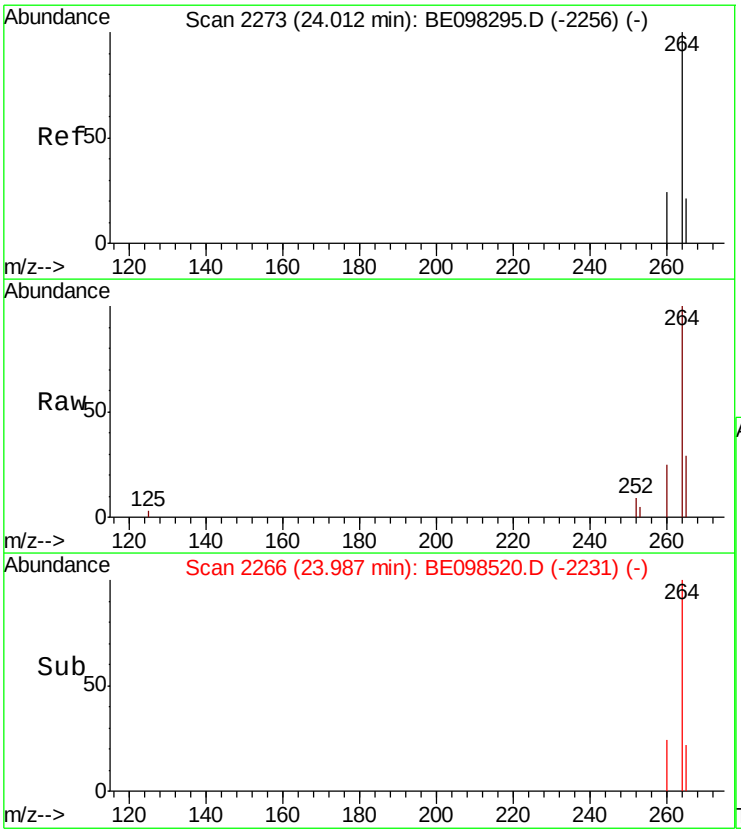
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng
RT: 26.67 min Scan# 3015
Delta R.T. -0.02 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8115

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.3	24.5
277	11.8	20.2	30.4#

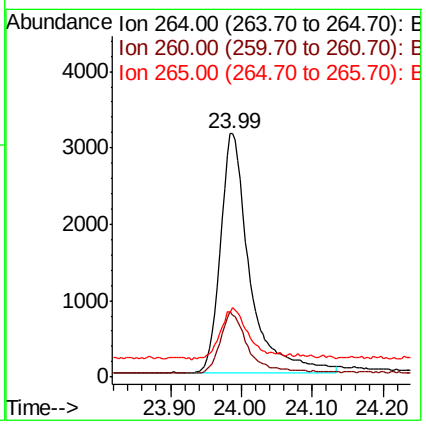


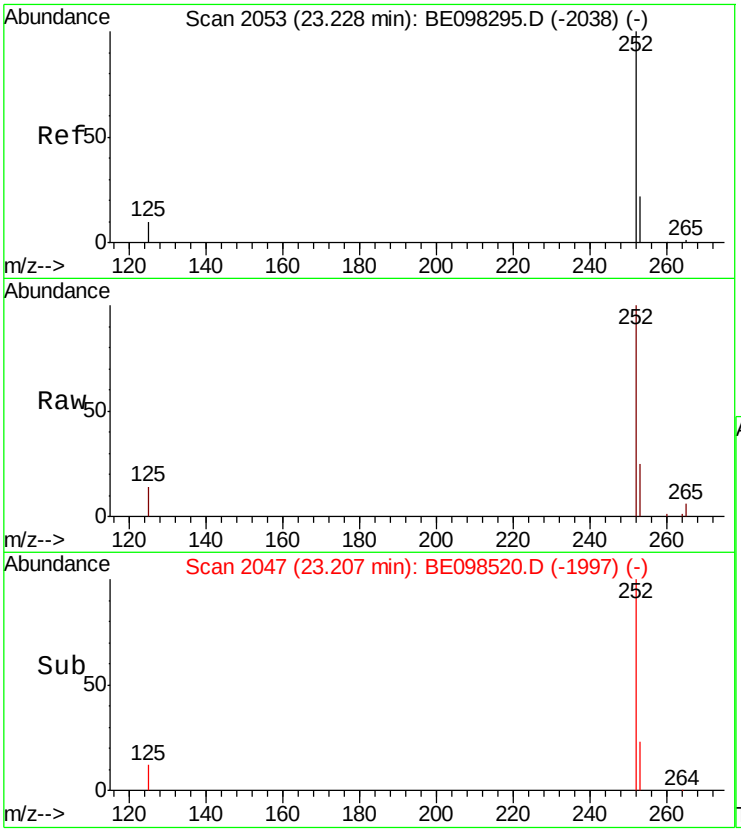


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:264 Resp: 8979

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	28.8	25.2	37.8



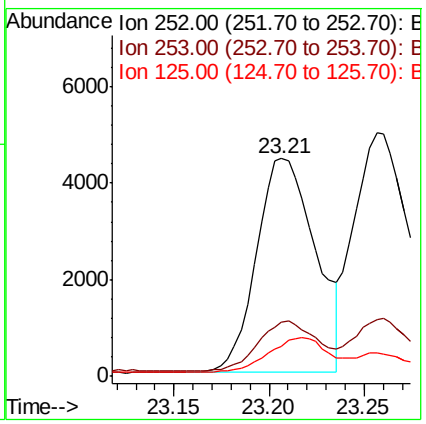


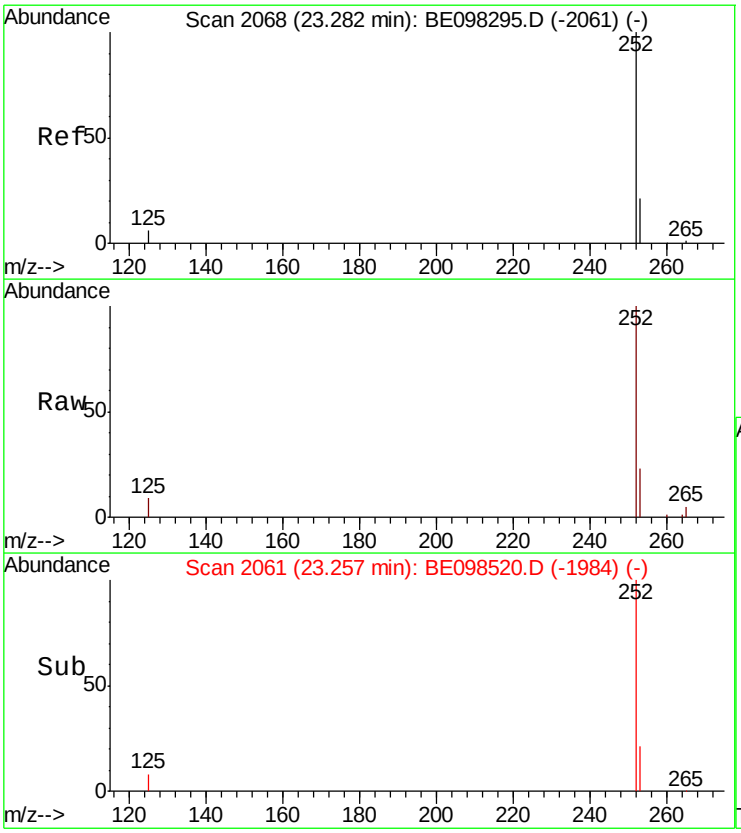
#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9559

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	13.9	9.6	14.4

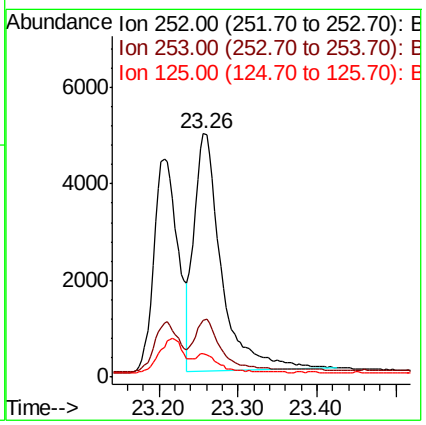


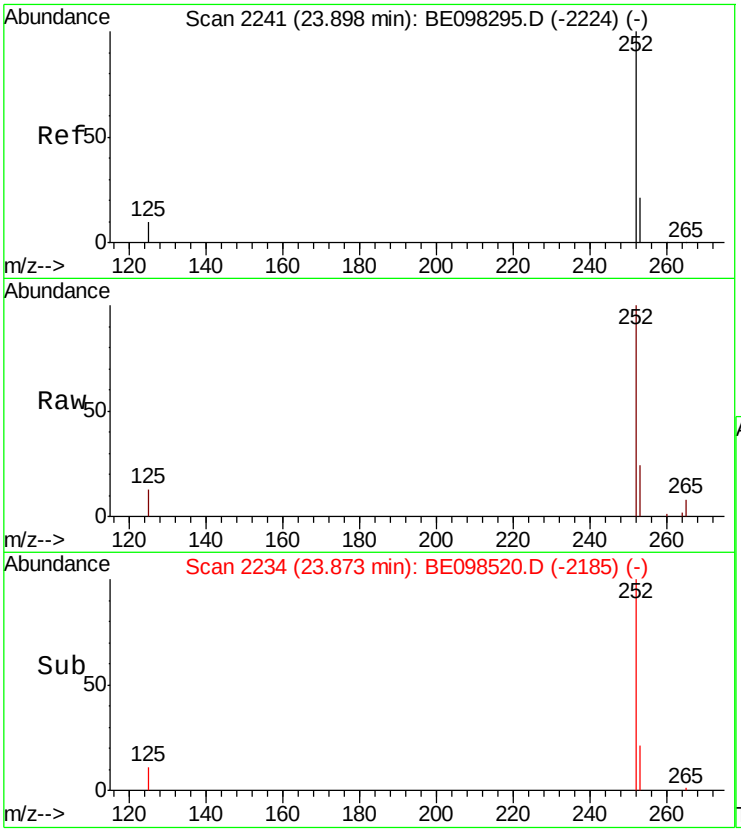


#36
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:252 Resp: 11901

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	9.5	9.1	13.7



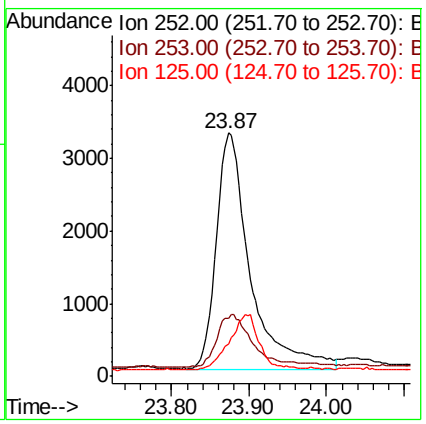


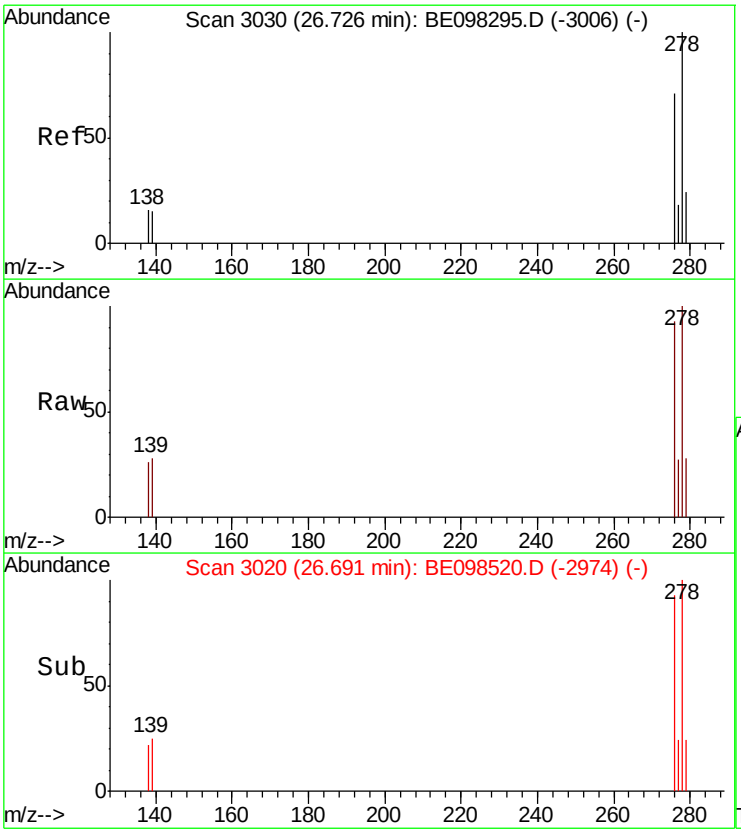
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.87 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9905

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	30.8
125	13.4	10.5	15.7

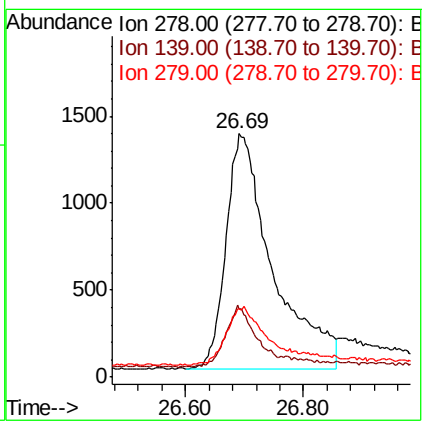


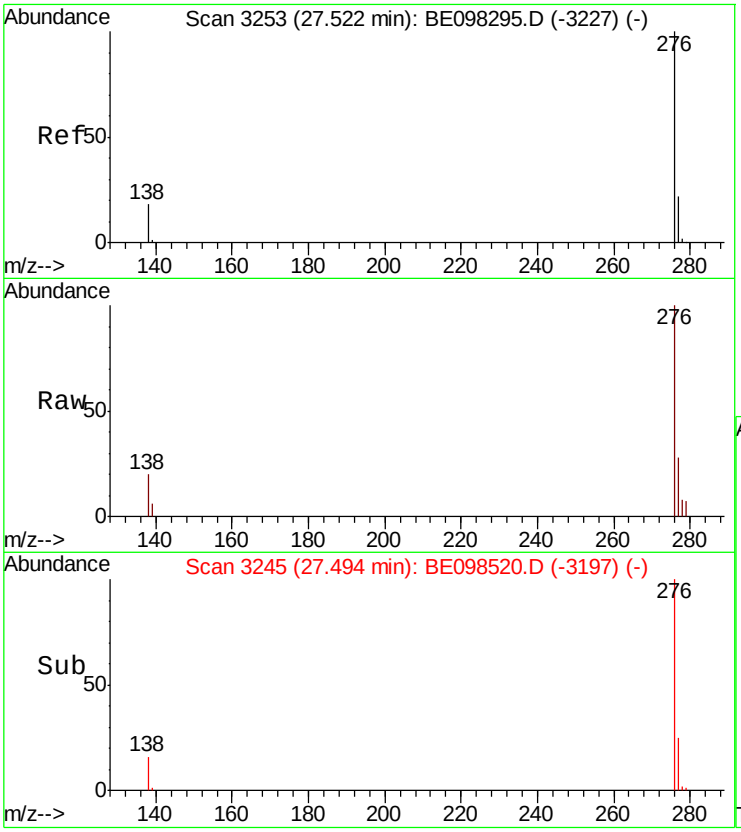


#38
Dibenzo(a,h)anthracene
Concen: 0.310 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.03 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Tgt Ion:278 Resp: 7399

Ion	Ratio	Lower	Upper
278	100		
139	28.1	14.5	21.7#
279	27.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.283 ng
RT: 27.49 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BE098520.D
Acq: 18 Dec 2018 19:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 6803

Ion	Ratio	Lower	Upper
276	100		
277	27.6	20.8	31.2
138	20.1	15.8	23.6