Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098301.D
Acq On : 10 Dec 2018 16:54
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 11 00:47:35 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	1586	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7016	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4556	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	12424	0.40	ng		0.00
27) Chrysene-d12	21.46	240	12496	0.40	ng		0.00
34) Perylene-d12	24.01	264	11878	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	1480	0.40	ng		0.00
5) Phenol-d6	7.04	99	2053	0.39	ng		0.00
8) Nitrobenzene-d5	9.03	82	2518	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	4516	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	627	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7214	0.38	ng		0.00
25) Fluoranthene-d10	19.31	212	63260	0.40	ng		0.00
29) Terphenyl-d14	19.91	244	11670	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1047	0.382	ng		98
3) n-Nitrosodimethylamine	3.69	42	987	0.400	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	1911	0.383	ng		95
9) Naphthalene	10.71	128	28341	0.401	ng		99
10) Hexachlorobutadiene	10.99	225	1829	0.407	ng		97
12) 2-Methylnaphthalene	12.34	142	4563	0.398	ng		99
16) Acenaphthylene	14.24	152	8370	0.392	ng		99
17) Acenaphthene	14.59	154	5136	0.401	ng		99
18) Fluorene	15.57	166	6765	0.394	ng		100
20) 4-Bromophenyl-phenylether	16.46	248	2574	0.385	ng	#	87
21) Hexachlorobenzene	16.58	284	2891	0.402	ng		98
22) Pentachlorophenol	16.94	266	413	0.363	ng		92
23) Phenanthrene	17.32	178	11764	0.390	ng		99
24) Anthracene	17.41	178	10191	0.379	ng		99
26) Fluoranthene	19.34	202	15822	0.396	ng		100
28) Pyrene	19.70	202	16111	0.411	ng		100
30) Benzo(a)anthracene	21.45	228	13616	0.383	ng		100
31) Chrysene	21.50	228	14967	0.402	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	26699	0.369	ng		100
33) Indeno(1,2,3-cd)pyrene	26.70	276	14895	0.402	ng		97
35) Benzo(b)fluoranthene	23.23	252	12705	0.391	ng		98
36) Benzo(k)fluoranthene	23.28	252	14788	0.391	ng		99
37) Benzo(a)pyrene	23.90	252	13171	0.393	ng		98
38) Dibenzo(a,h)anthracene	26.73	278	12275	0.389	ng		100
39) Benzo(g,h,i)perylene	27.52	276	12631	0.397	ng		98

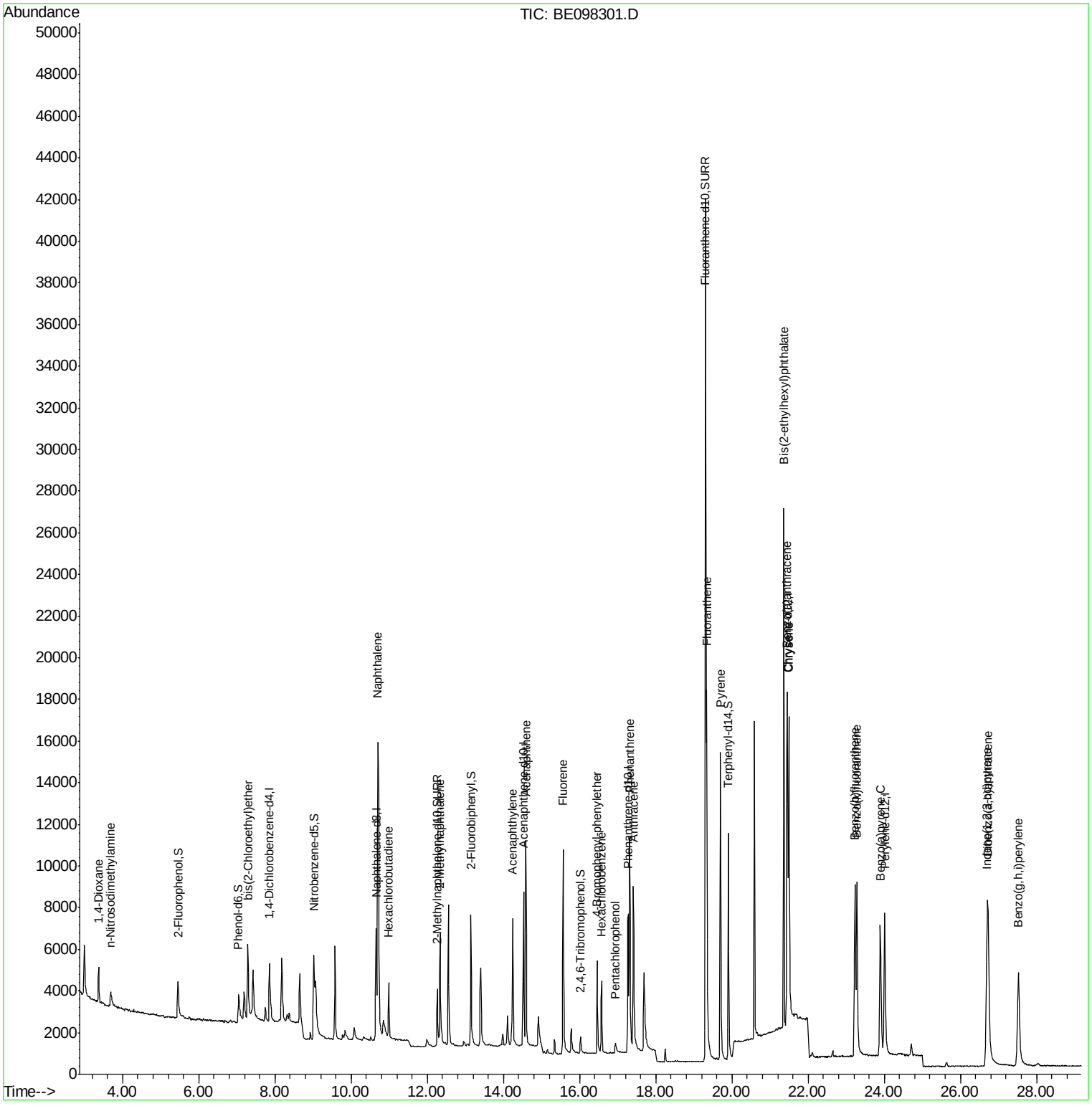
(#) = qualifier out of range (m) = manual integration (+) = signals summed

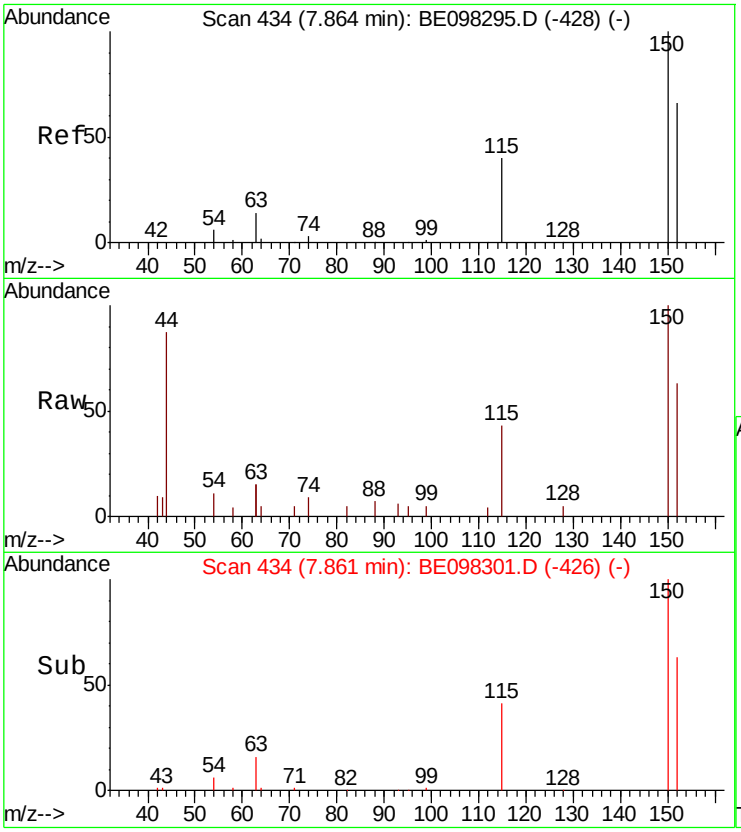
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098301.D
Acq On : 10 Dec 2018 16:54
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 11 00:47:35 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



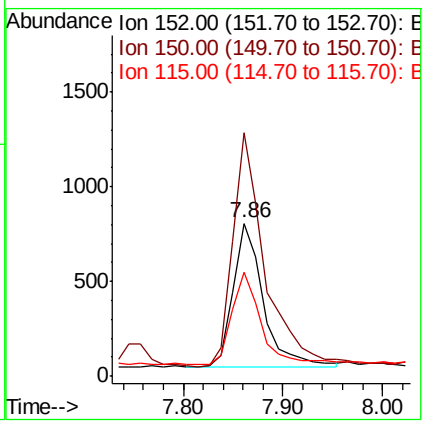


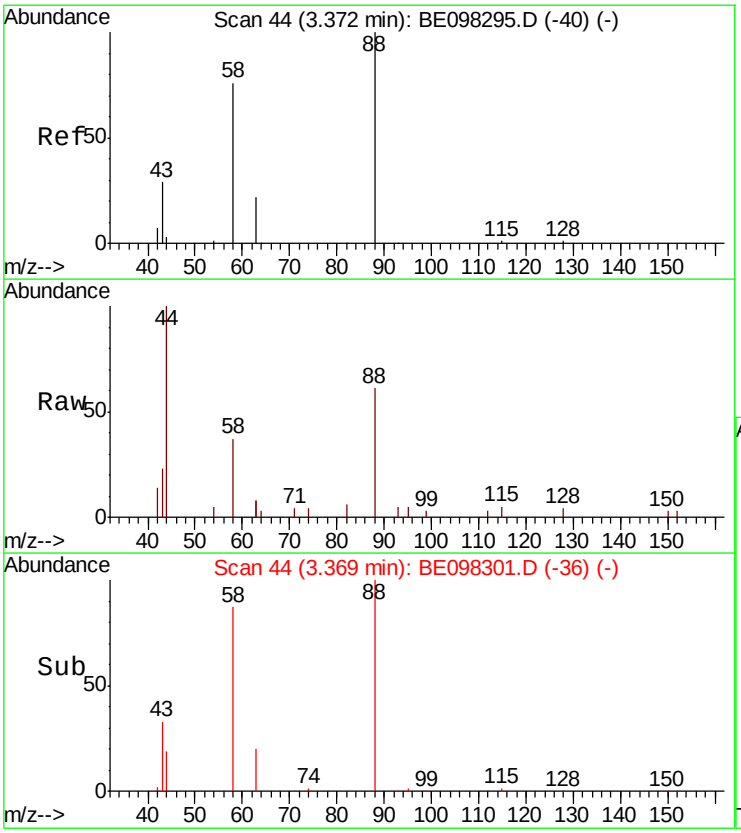
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1586

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.2	186.4
115	67.6	53.9	80.9

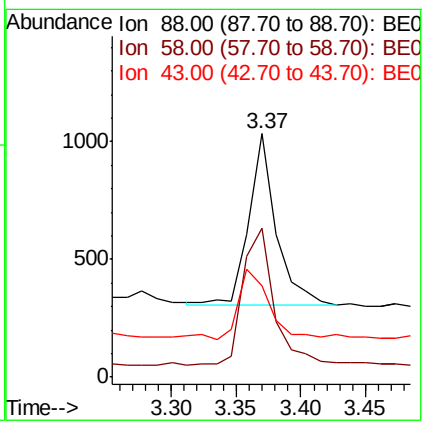


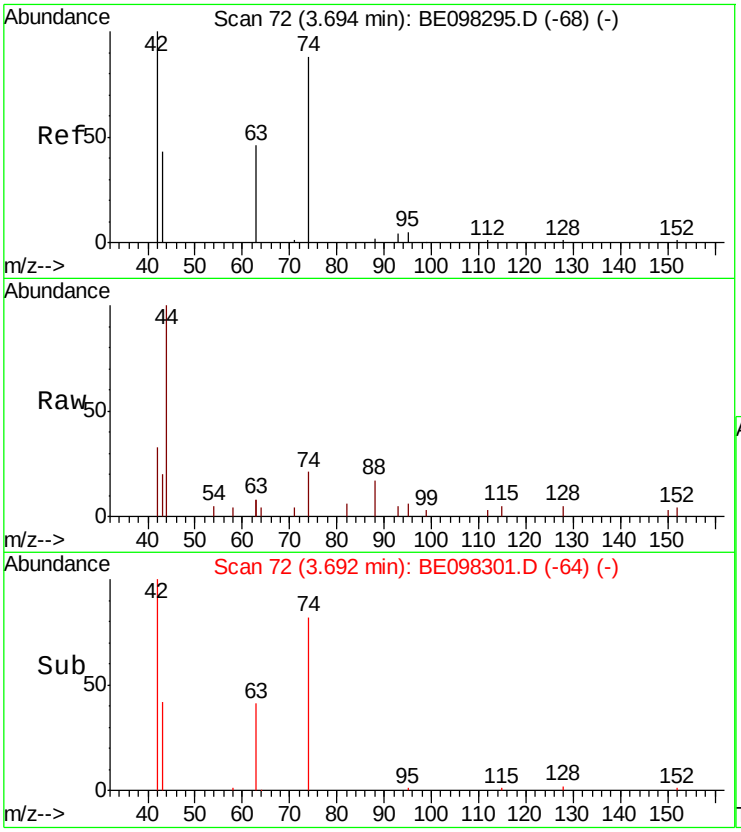


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion: 88 Resp: 1047

Ion	Ratio	Lower	Upper
88	100		
58	93.9	75.0	112.6
43	43.9	38.3	57.5



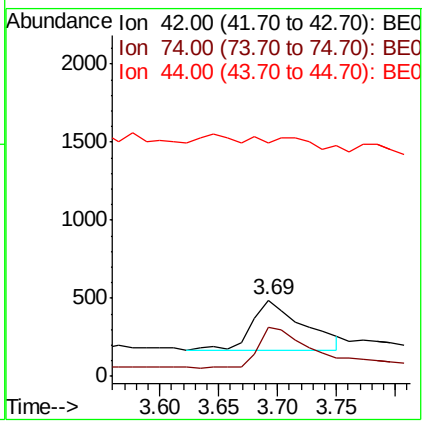


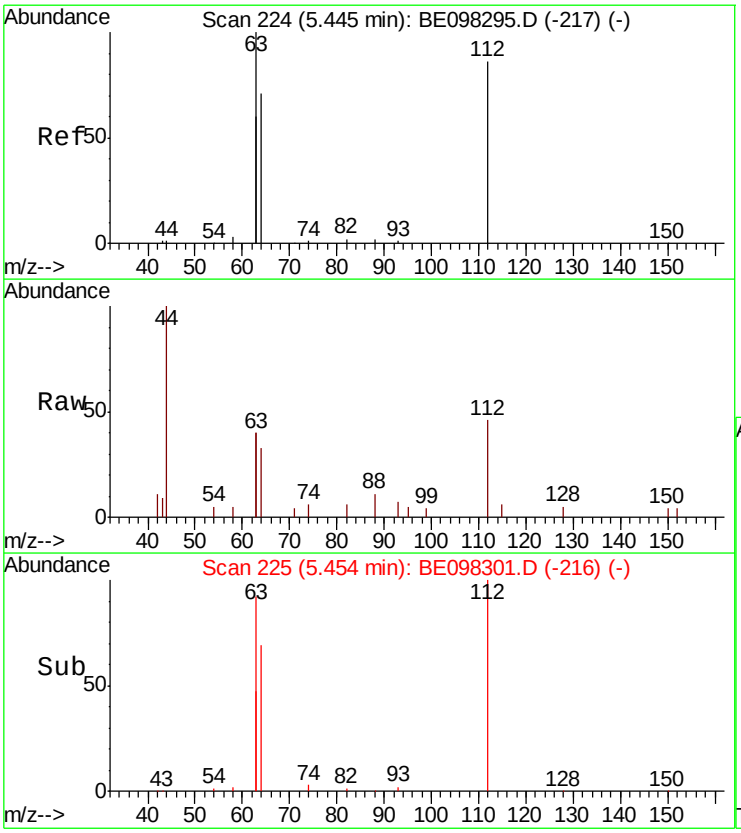
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 987

Ion	Ratio	Lower	Upper
42	100		
74	74.3	0.0	0.0#
44	0.0	0.0	0.0

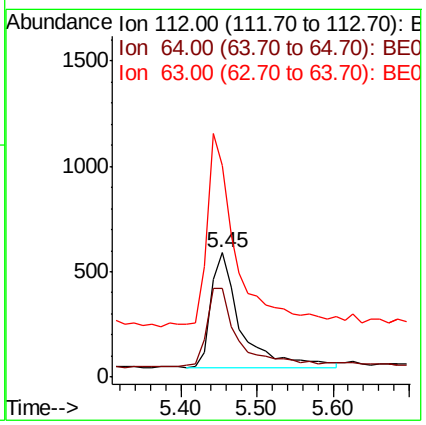


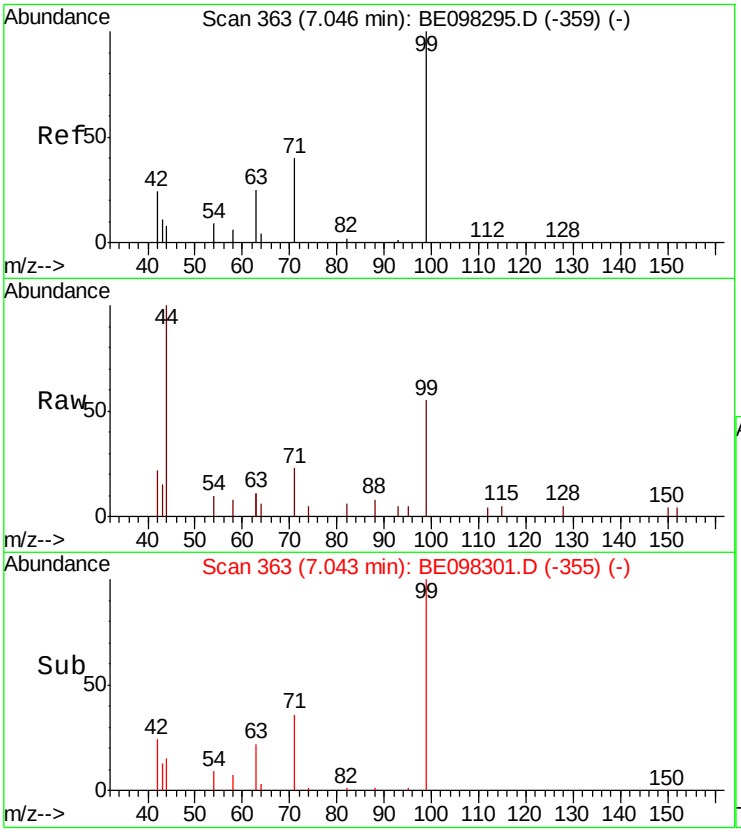


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:112 Resp: 1480

Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.8	89.8
63	169.1	133.7	200.5



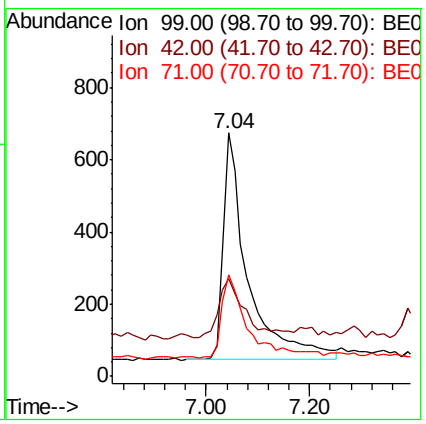


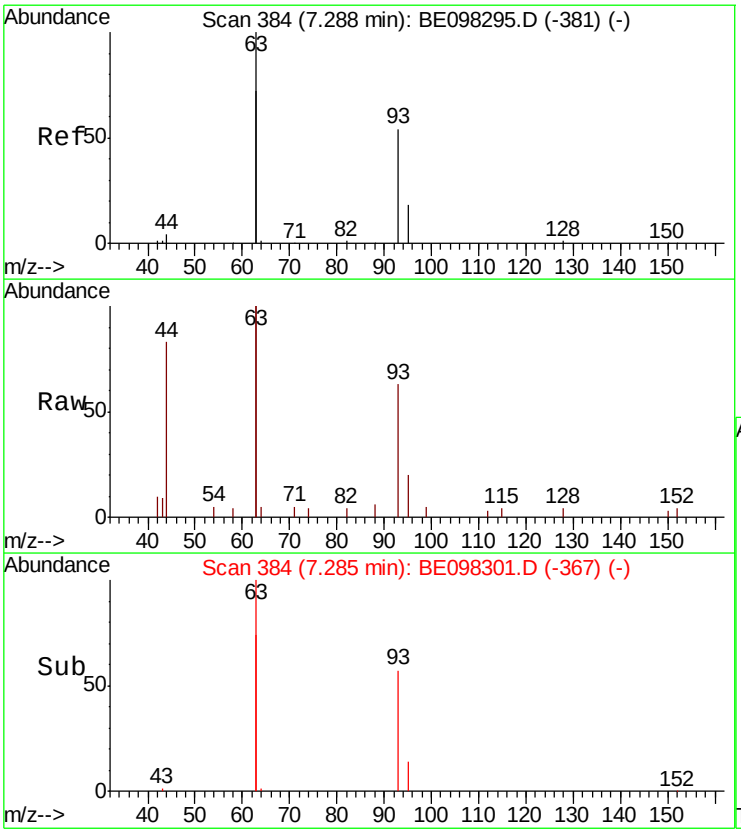
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2053

Ion	Ratio	Lower	Upper
99	100		
42	29.3	26.3	39.5
71	38.8	33.6	50.4

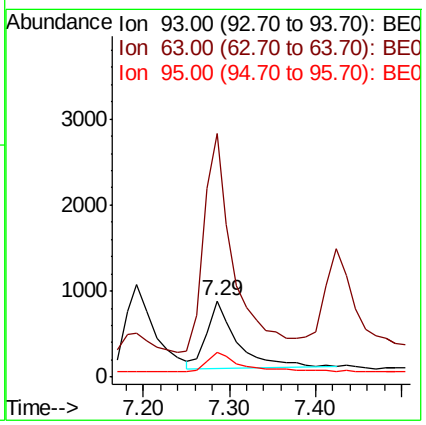


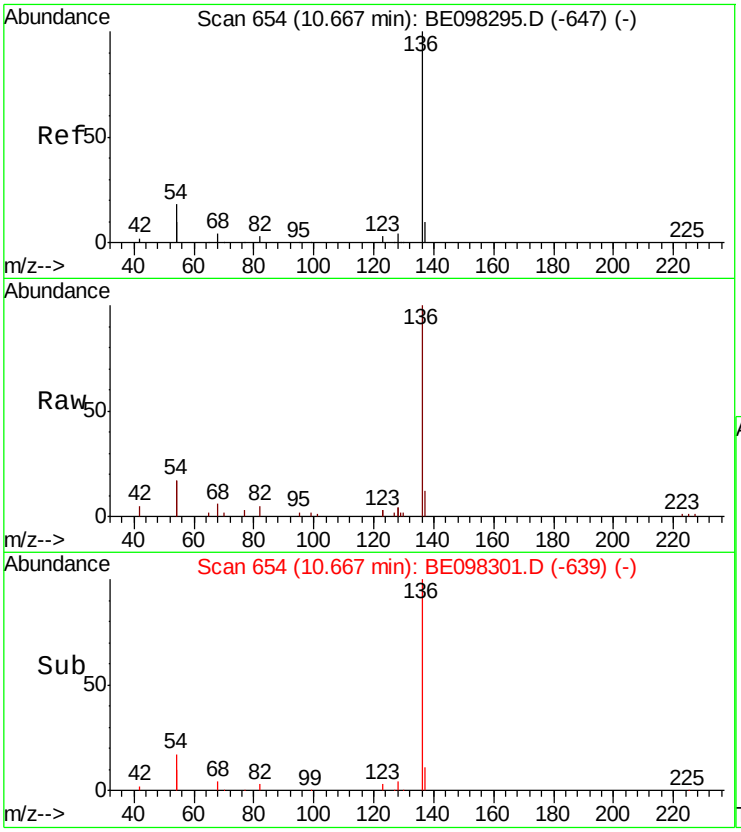


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion: 93 Resp: 1911

Ion	Ratio	Lower	Upper
93	100		
63	318.1	264.4	396.6
95	33.0	26.6	40.0



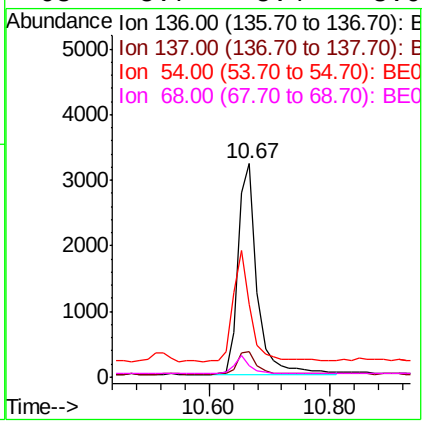


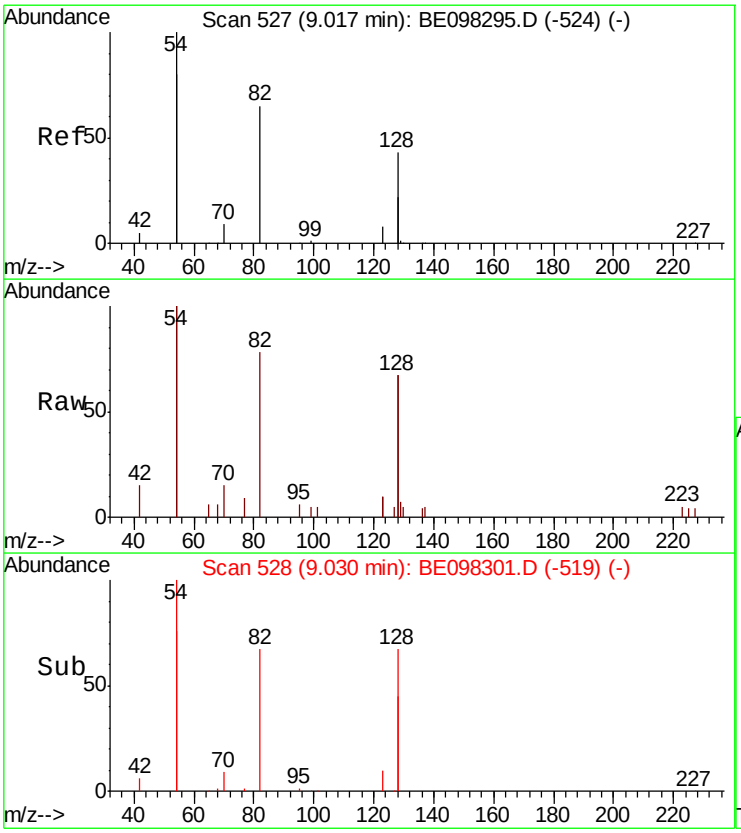
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7016

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	33.9	28.4	42.6
68	5.7	5.4	8.0

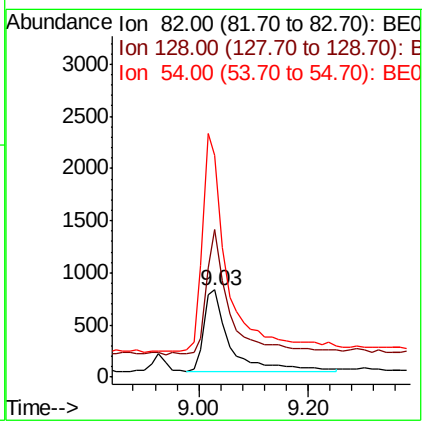


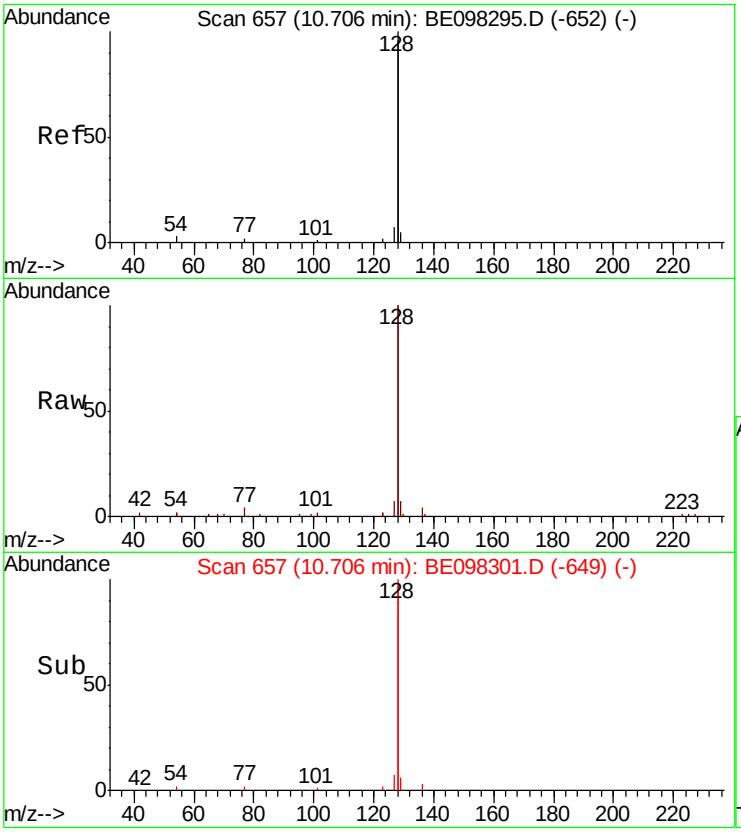


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion: 82 Resp: 2518

Ion	Ratio	Lower	Upper
82	100		
128	170.1	102.4	153.6#
54	254.9	221.8	332.8



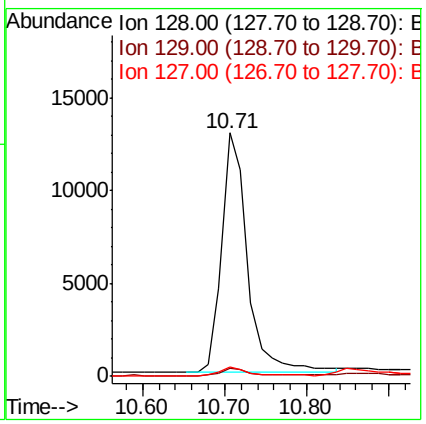


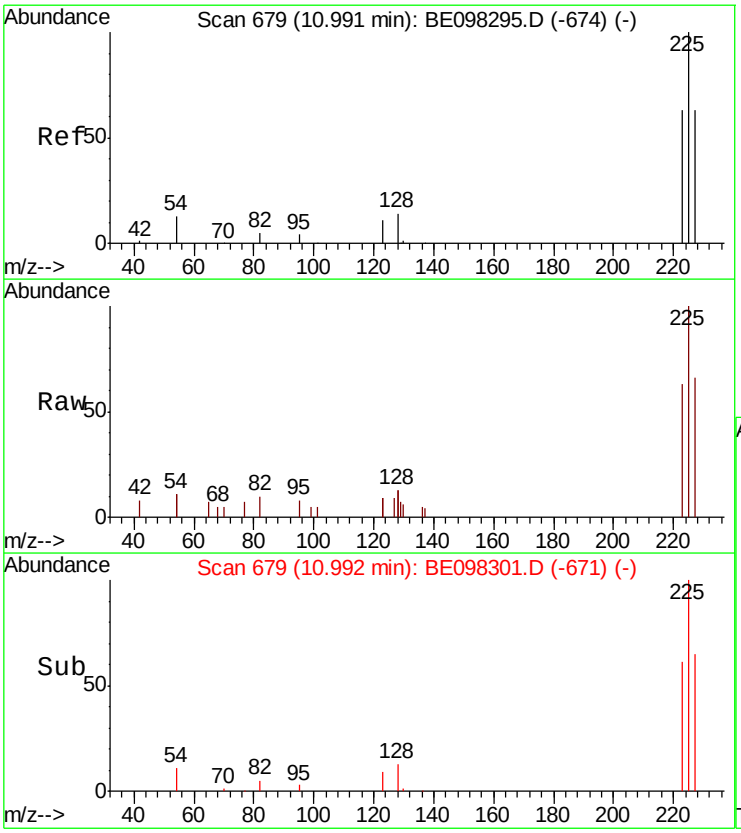
#9
Naphthalene
Concen: 0.401 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 28341

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.7	2.7	4.1

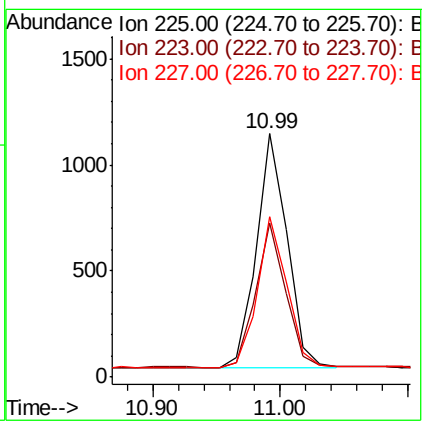


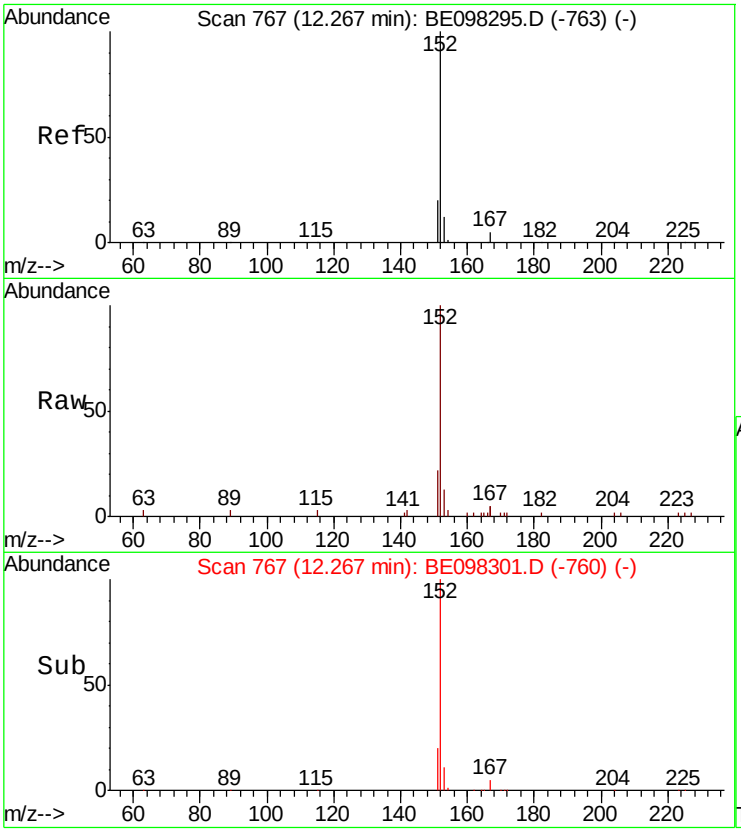


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:225 Resp: 1829

Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.4	74.0
227	62.7	52.0	78.0



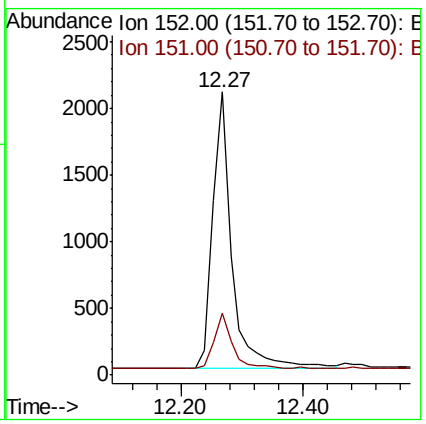


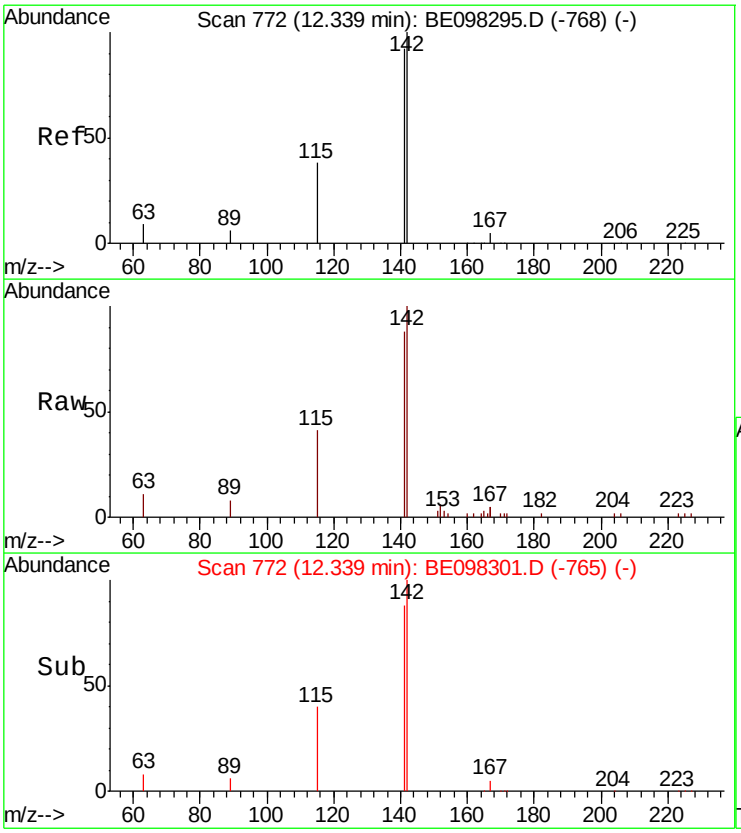
#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4516

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4

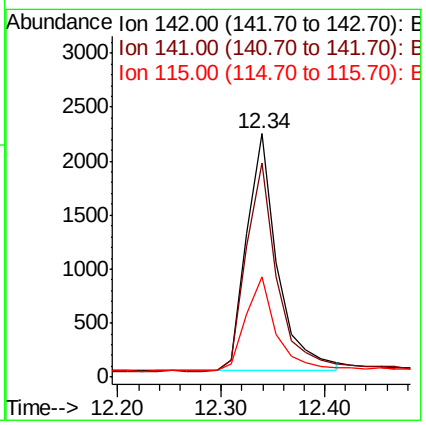


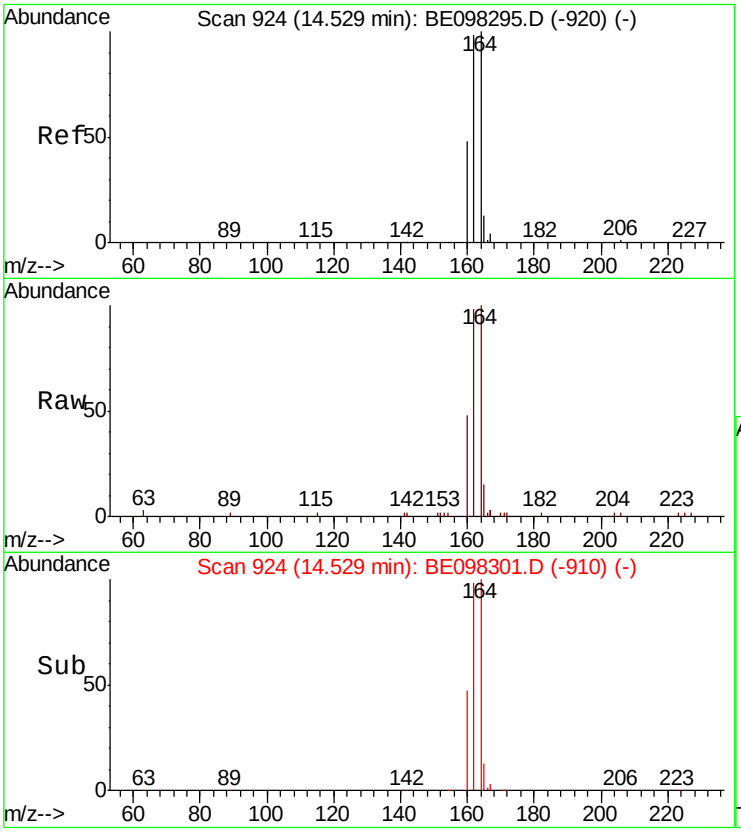


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:142 Resp: 4563

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	41.2	32.2	48.2



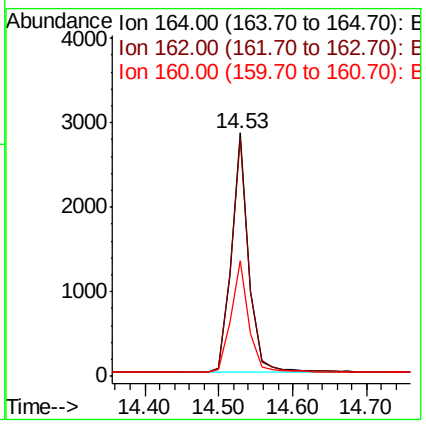


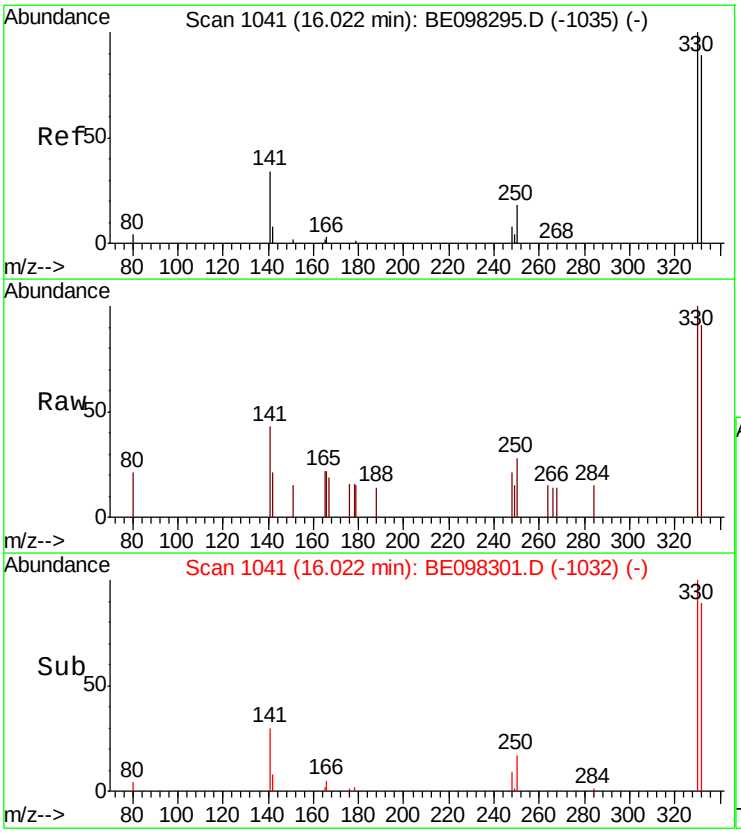
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4556

Ion	Ratio	Lower	Upper
164	100		
162	97.9	77.6	116.4
160	47.7	36.0	54.0

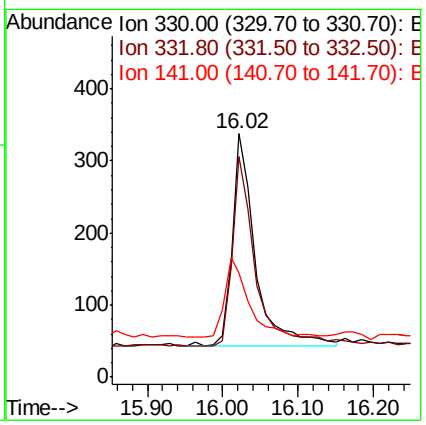


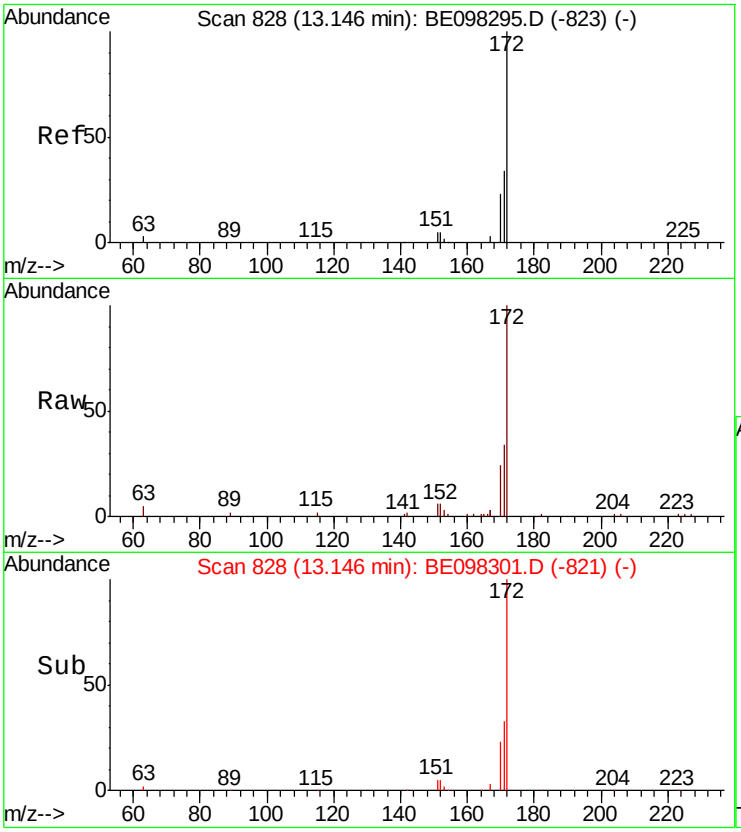


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:330 Resp: 627

Ion	Ratio	Lower	Upper
330	100		
332	90.7	76.2	114.4
141	40.8	39.0	58.4



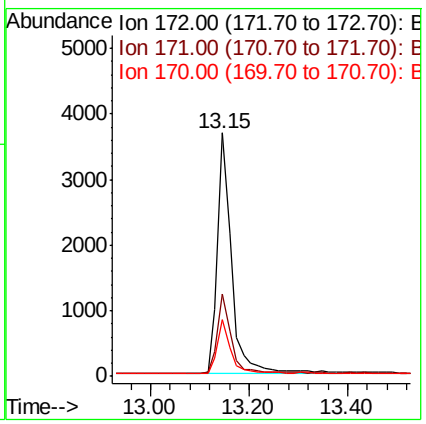


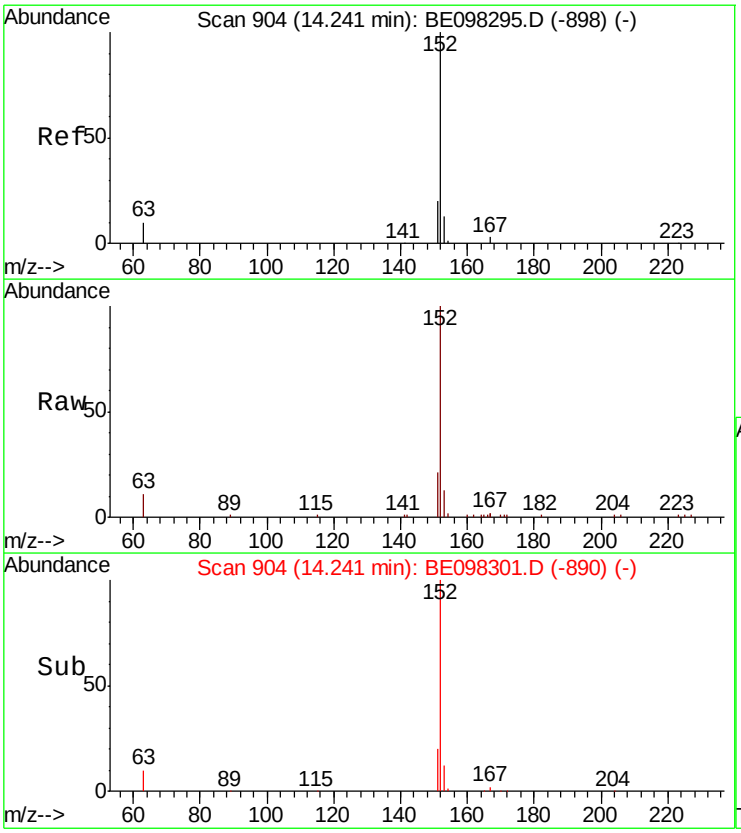
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 7214

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.5	41.3
170	23.5	19.6	29.4

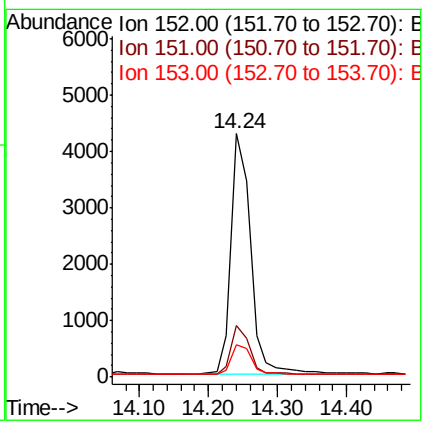


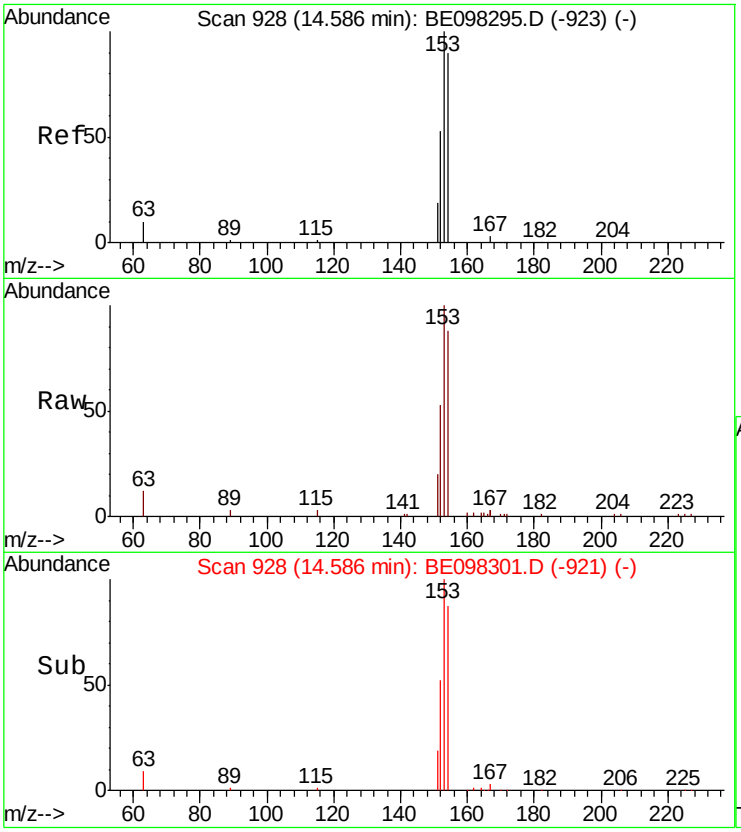


#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:152 Resp: 8370

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.6	10.6	16.0



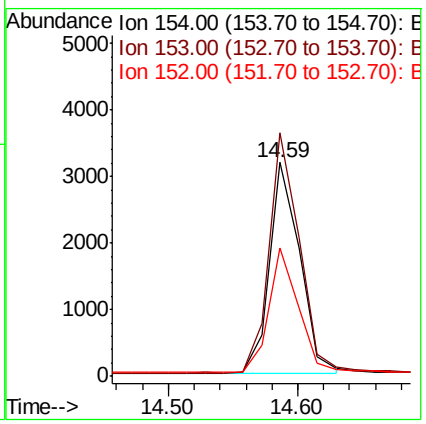


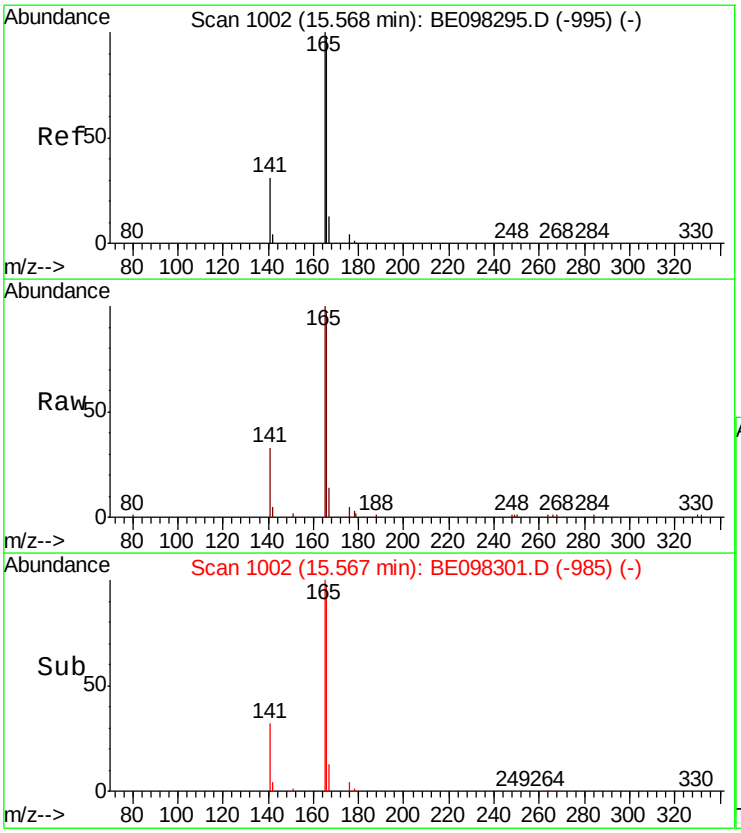
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5136

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.8	137.6
152	57.9	45.5	68.3

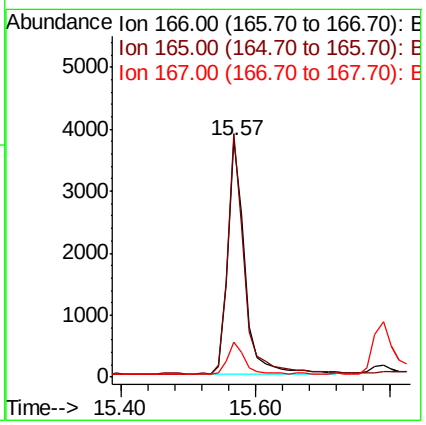


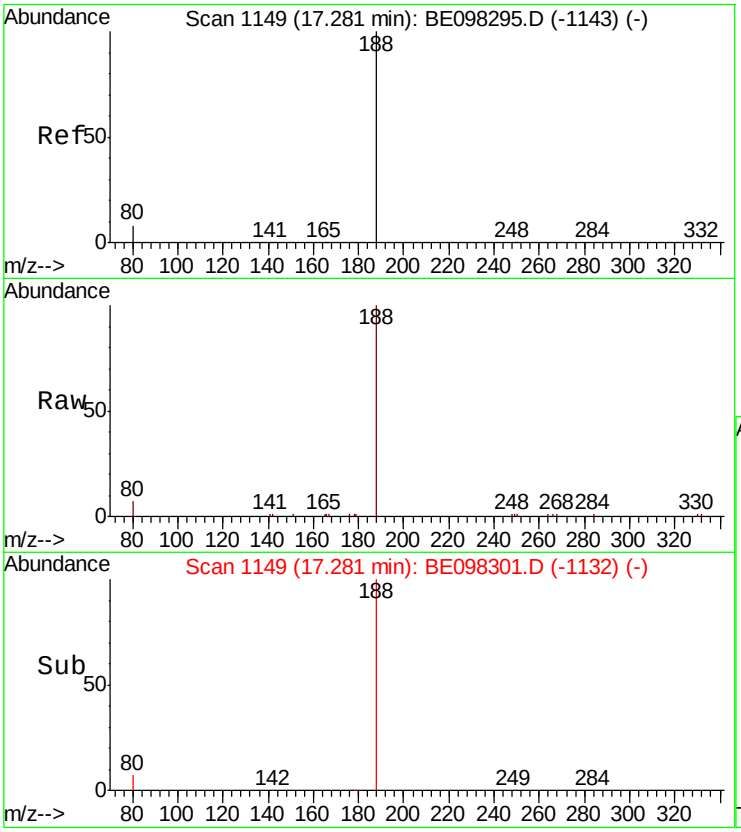


#18
Fluorene
Concen: 0.394 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:166 Resp: 6765

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.3	118.9
167	13.7	11.3	16.9



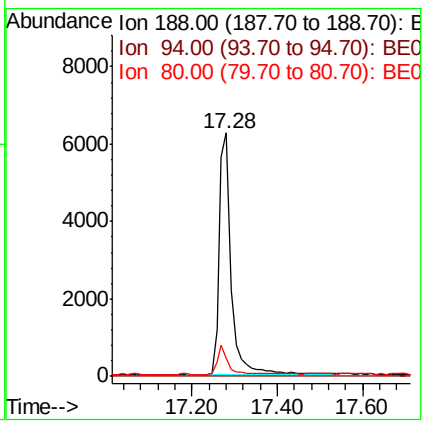


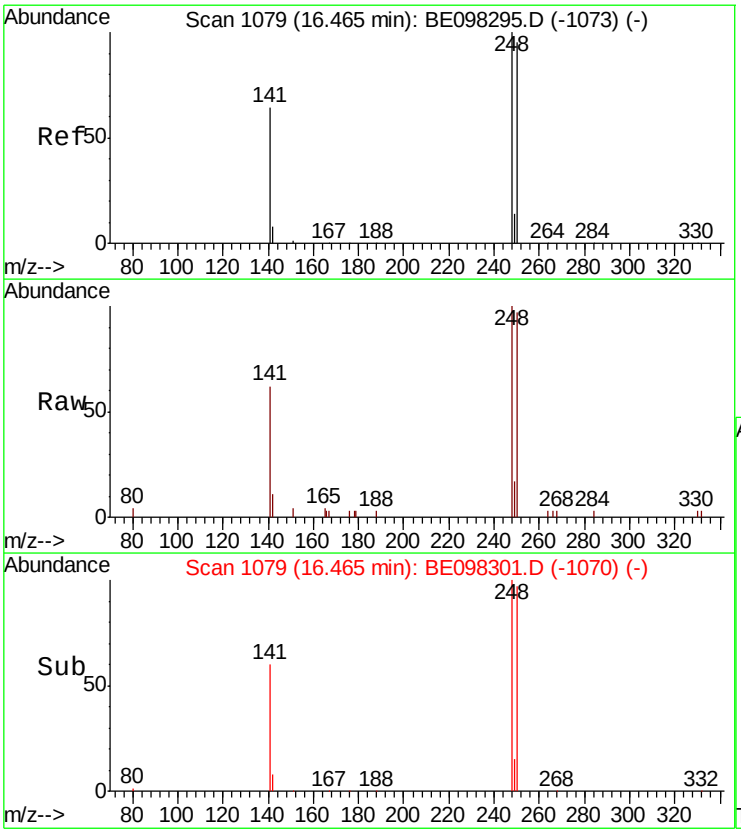
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	7.2	10.8

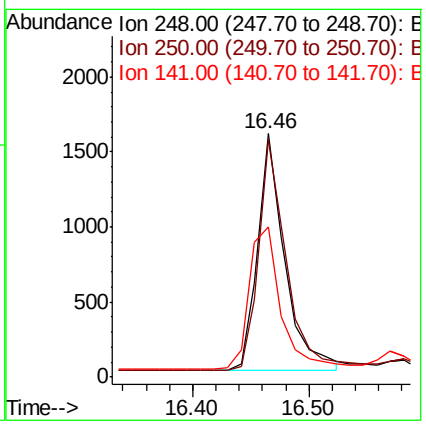


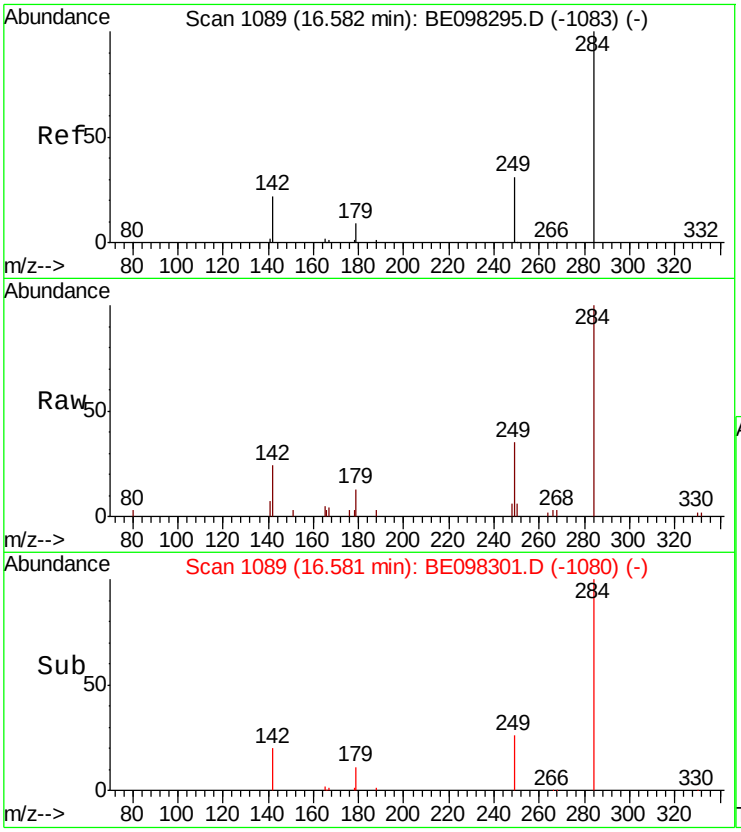


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:248 Resp: 2574

Ion	Ratio	Lower	Upper
248	100		
250	97.5	71.0	106.6
141	61.7	62.1	93.1#



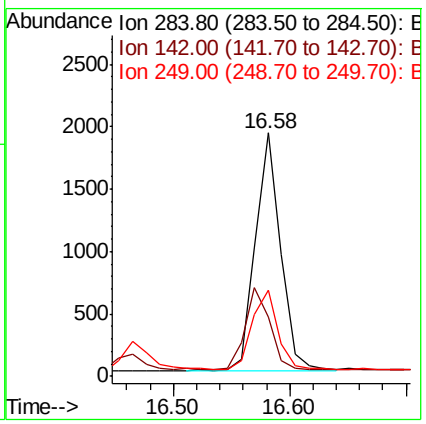


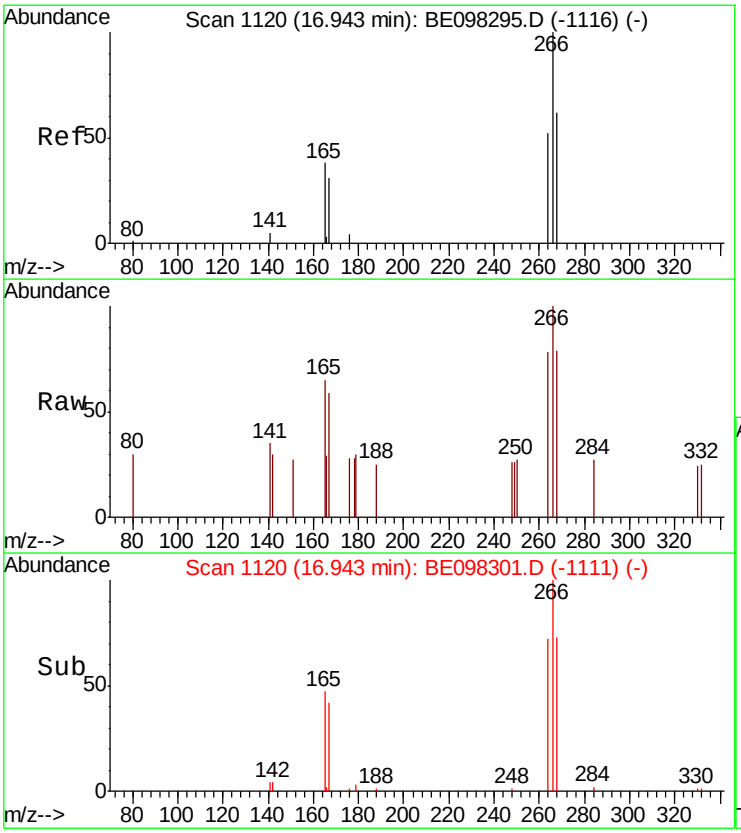
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2891

Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.3	39.5
249	34.0	26.0	39.0

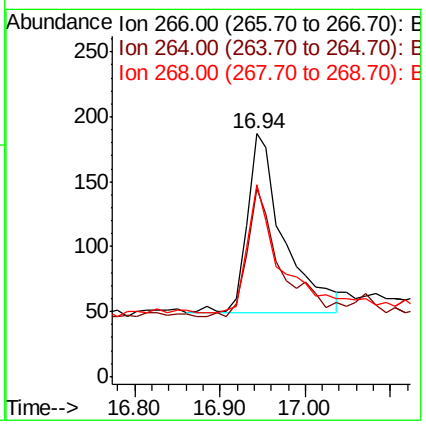


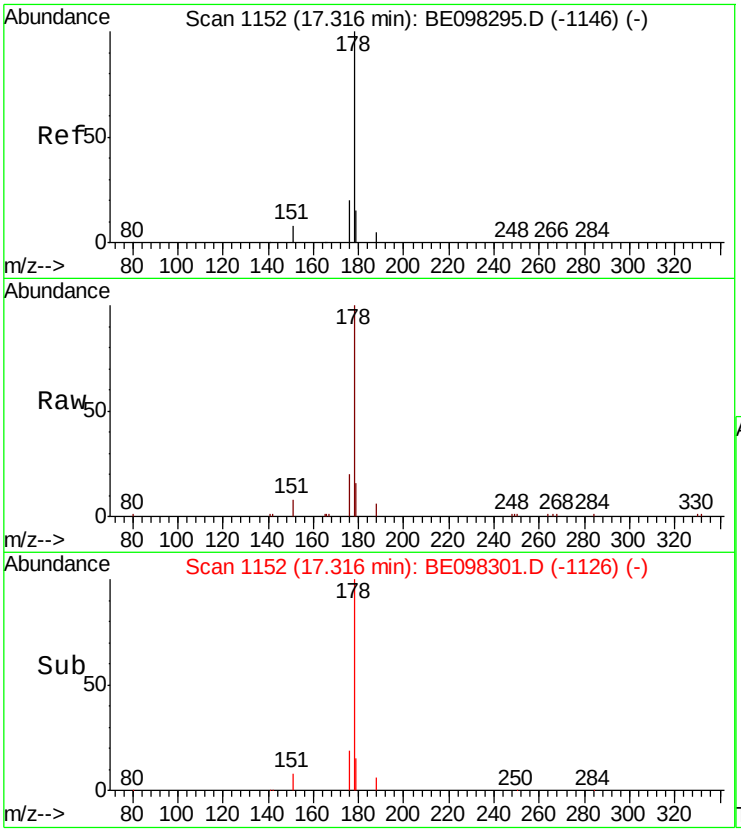


#22
Pentachlorophenol
Concen: 0.363 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:266 Resp: 413

Ion	Ratio	Lower	Upper
266	100		
264	77.5	59.0	88.4
268	79.1	55.1	82.7



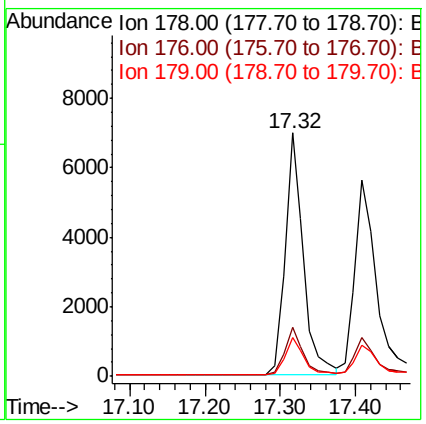


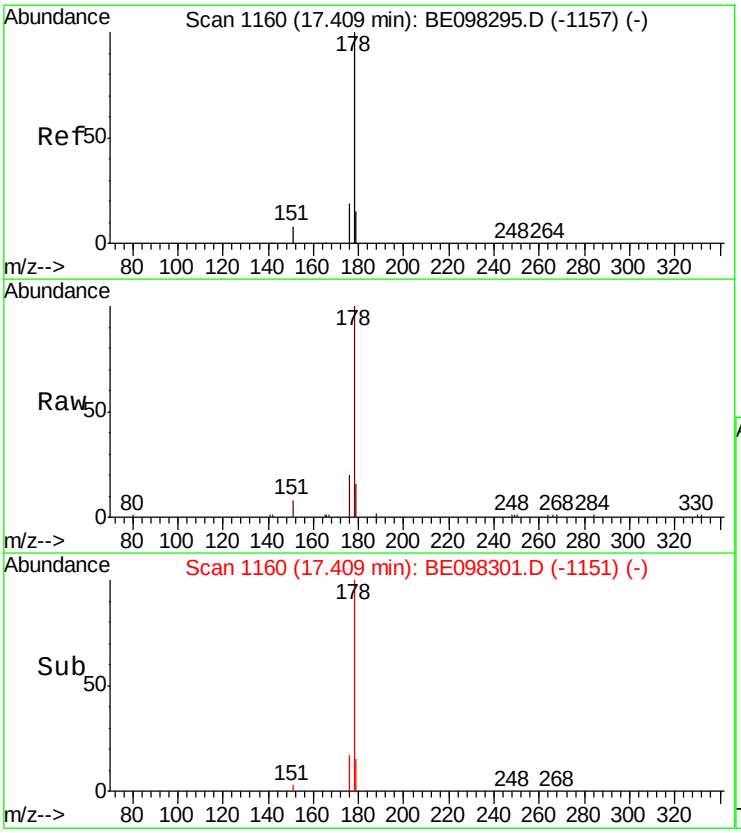
#23
Phenanthrene
Concen: 0.390 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11764

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.4	12.3	18.5

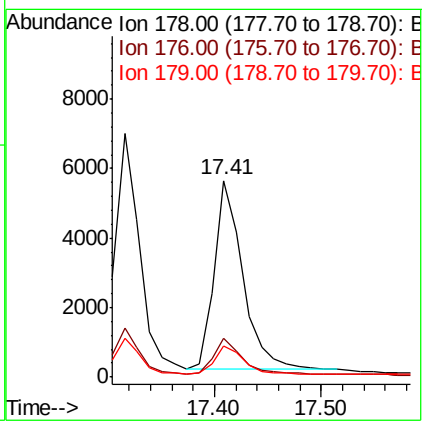


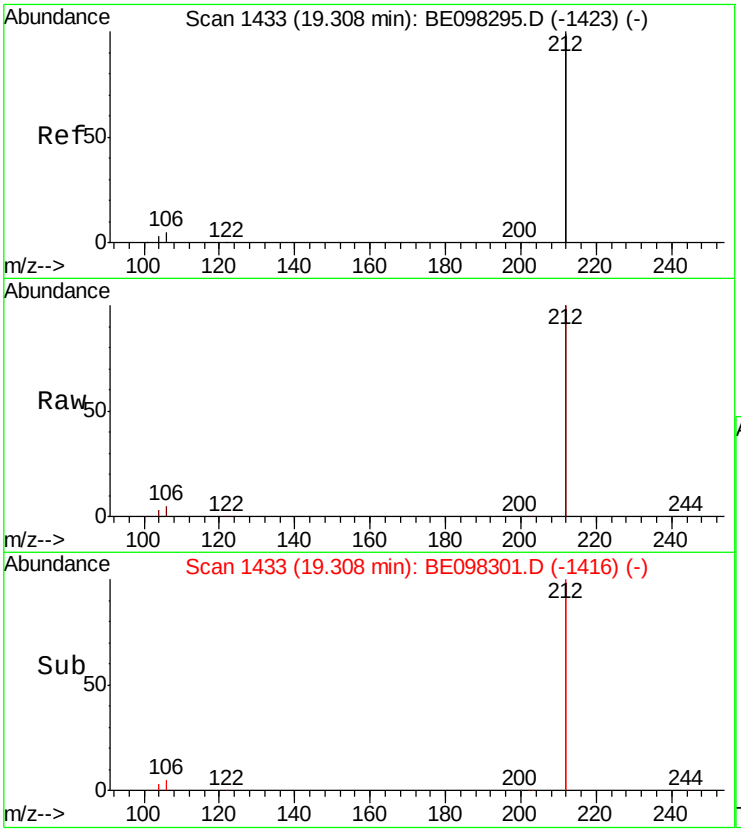


#24
Anthracene
Concen: 0.379 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:178 Resp: 10191

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.1	12.3	18.5



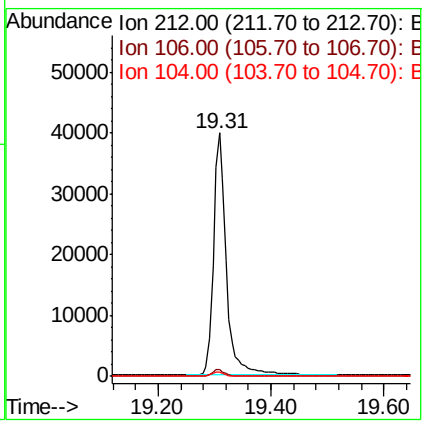


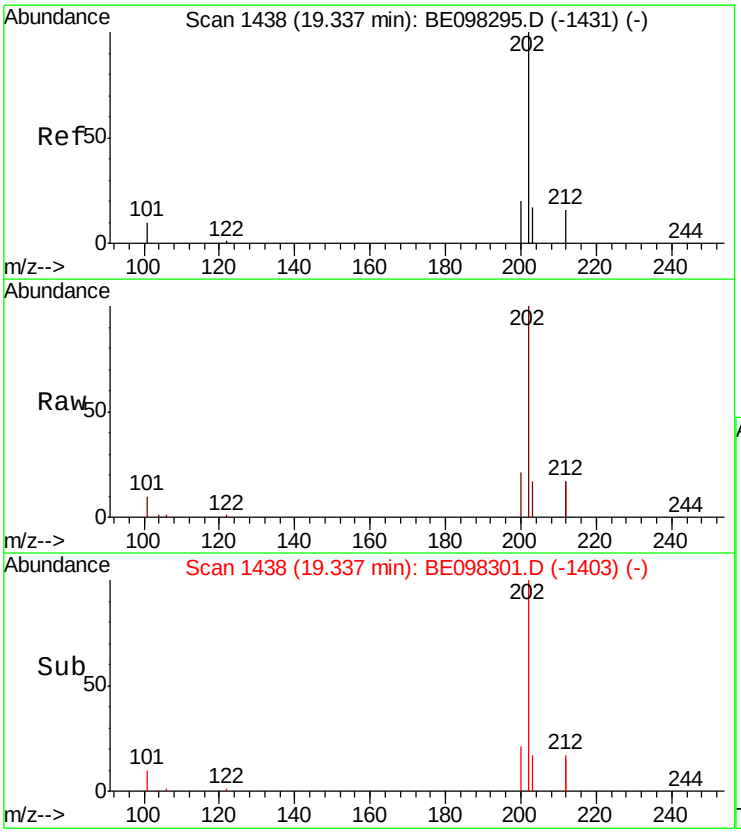
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 63260

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9

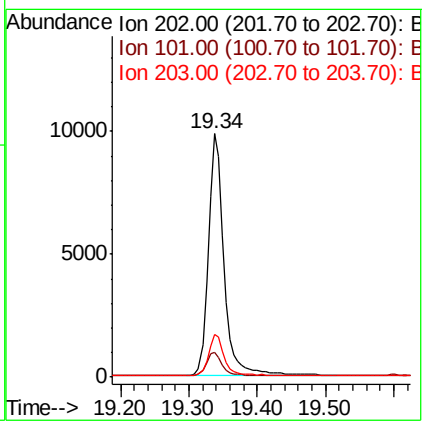


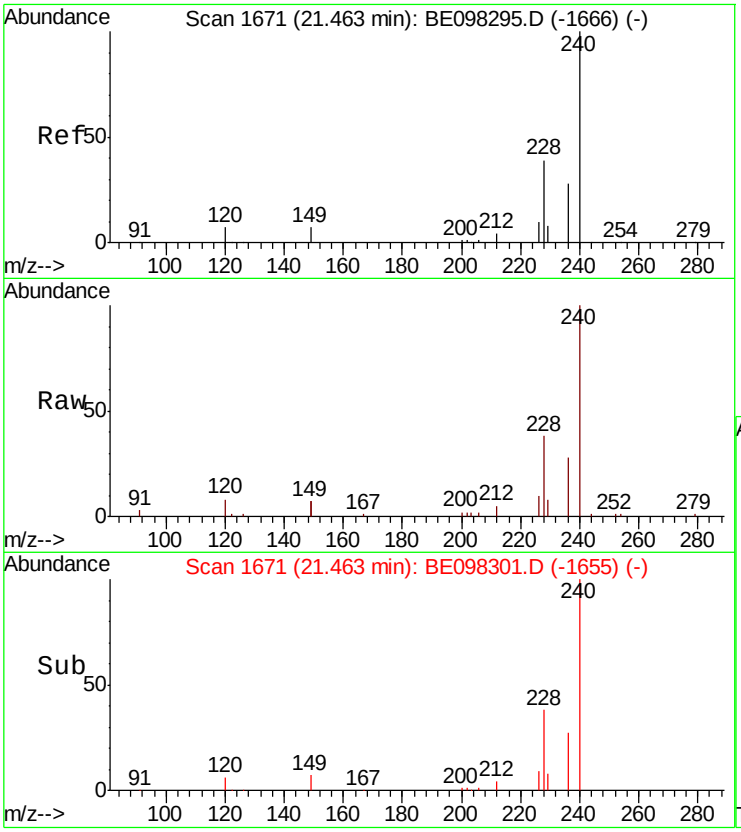


#26
Fluoranthene
Concen: 0.396 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:202 Resp: 15822

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.1	13.8	20.6



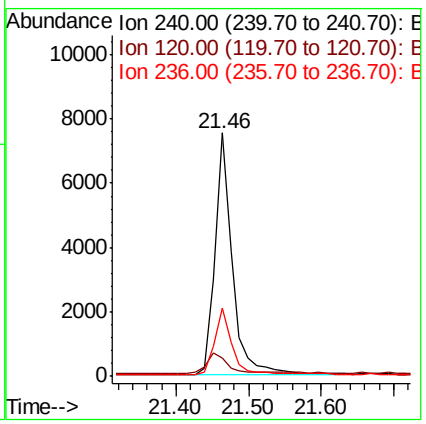


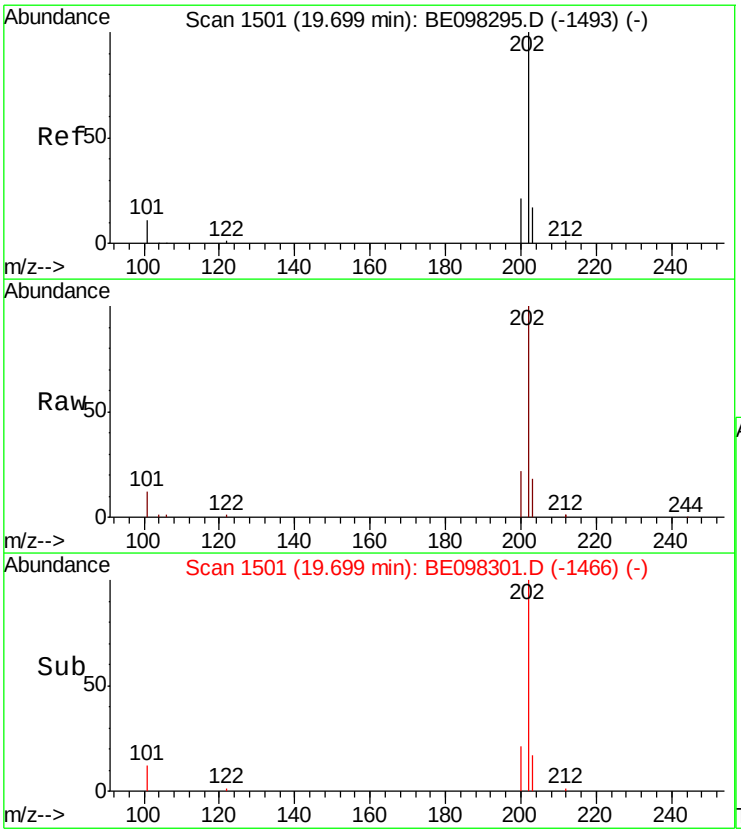
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 12496

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	27.8	22.7	34.1

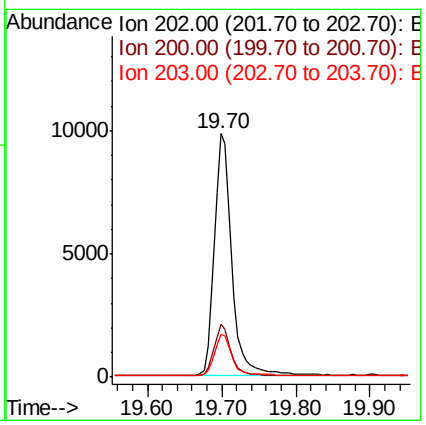


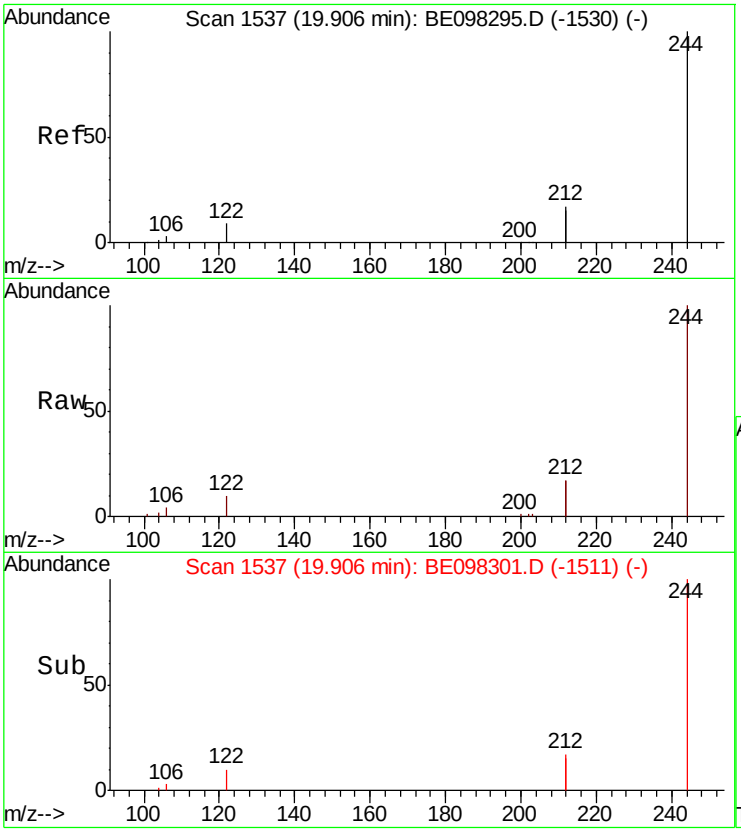


#28
Pyrene
Concen: 0.411 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:202 Resp: 16111

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.2	14.1	21.1



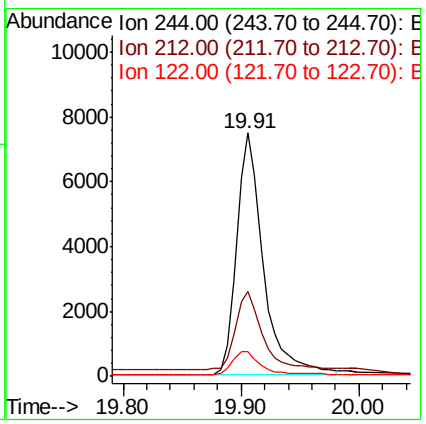


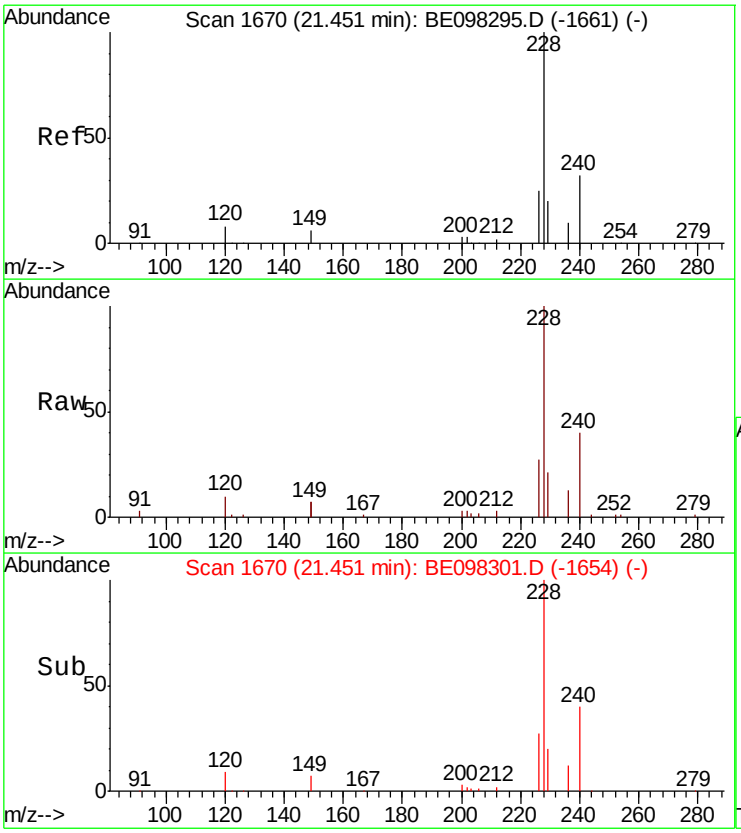
#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 11670

Ion	Ratio	Lower	Upper
244	100		
212	34.7	27.4	41.0
122	10.2	8.3	12.5

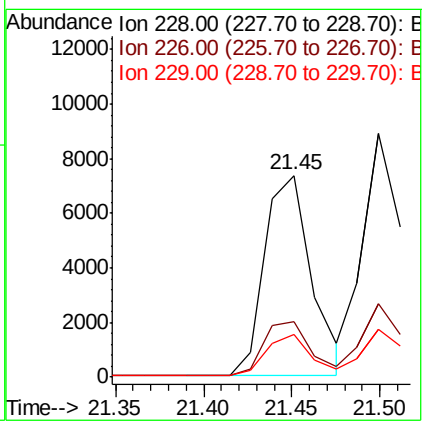


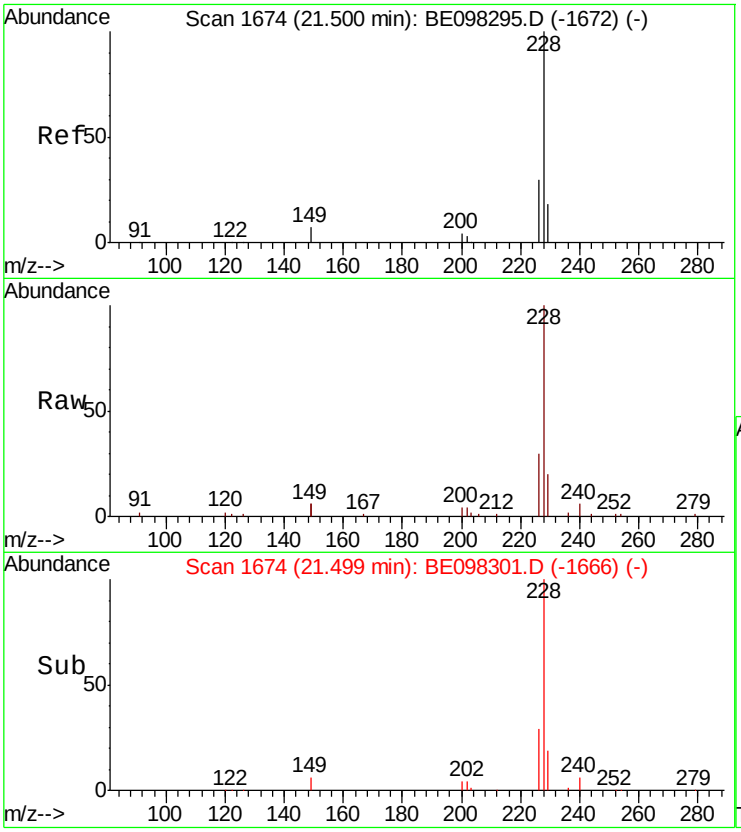


#30
Benzo(a)anthracene
Concen: 0.383 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:228 Resp: 13616

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.8	16.3	24.5



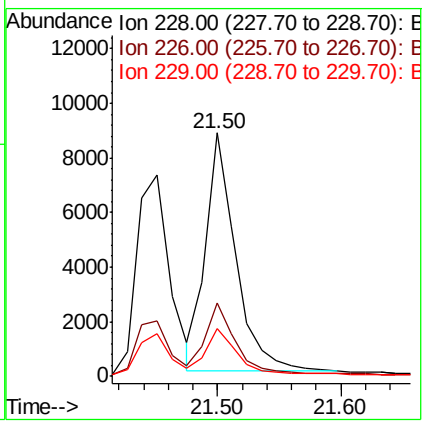


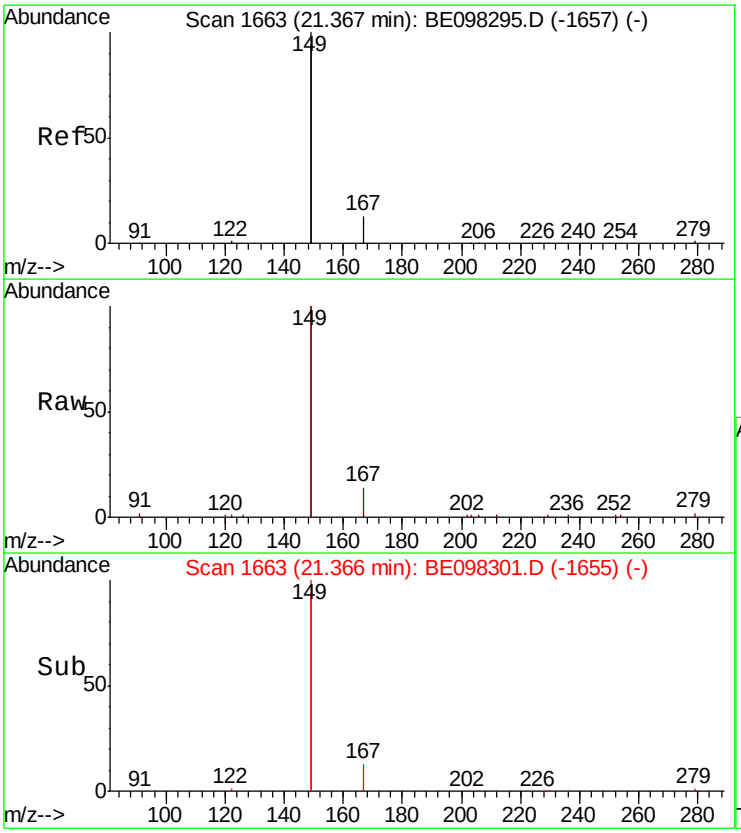
#31
Chrysene
Concen: 0.402 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14967

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	19.8	16.2	24.4

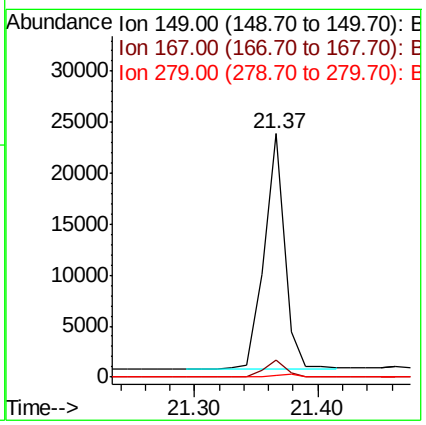


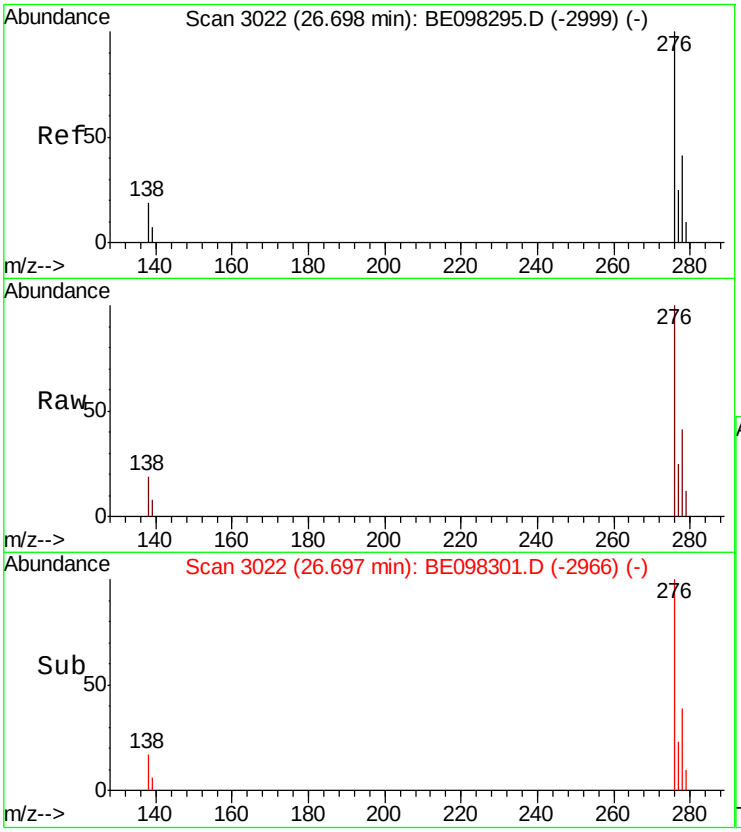


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.369 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:149 Resp: 26699

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.1	1.0	1.4



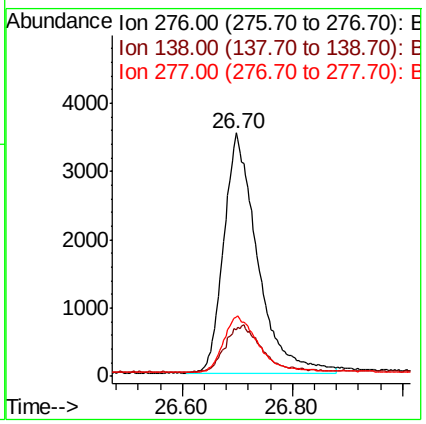


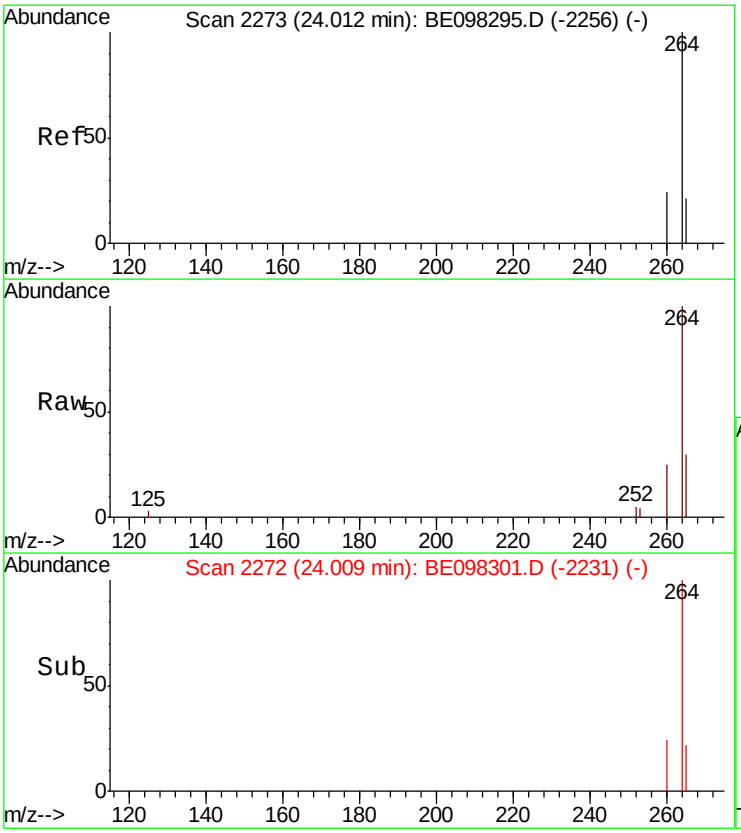
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14895

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.3	24.5
277	23.5	20.2	30.4

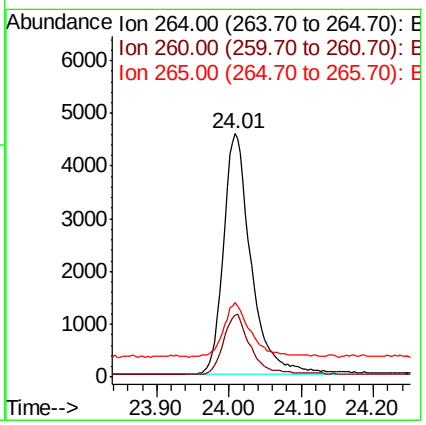


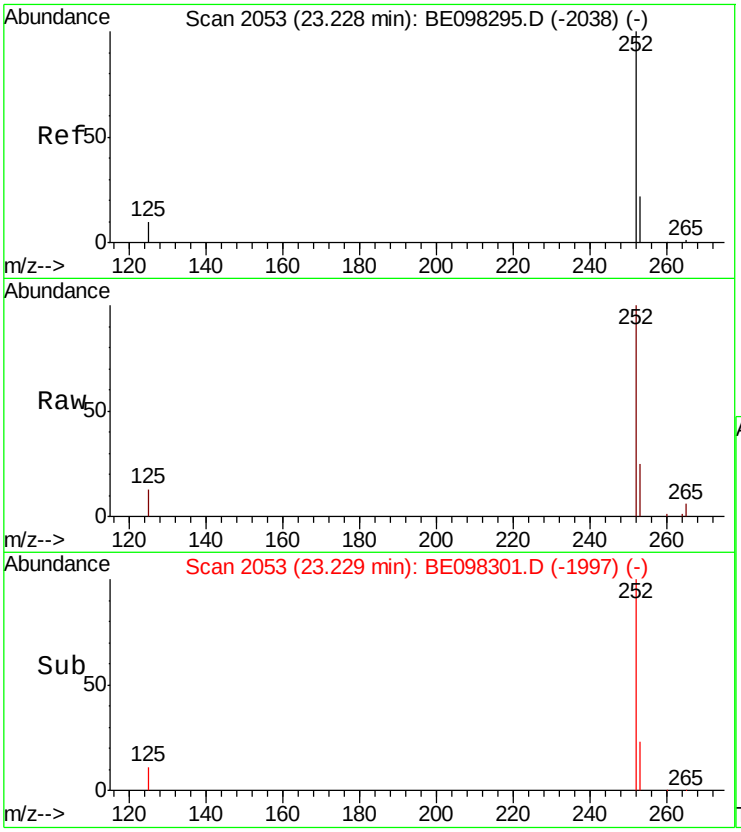


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:264 Resp: 11878

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	30.5	25.2	37.8



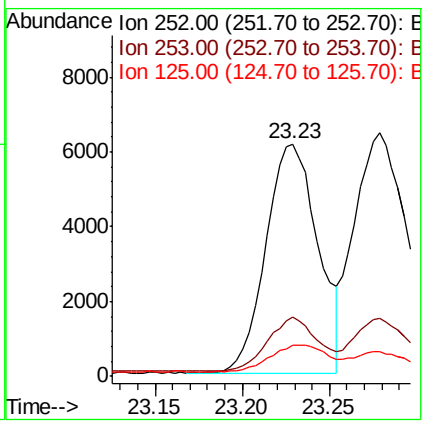


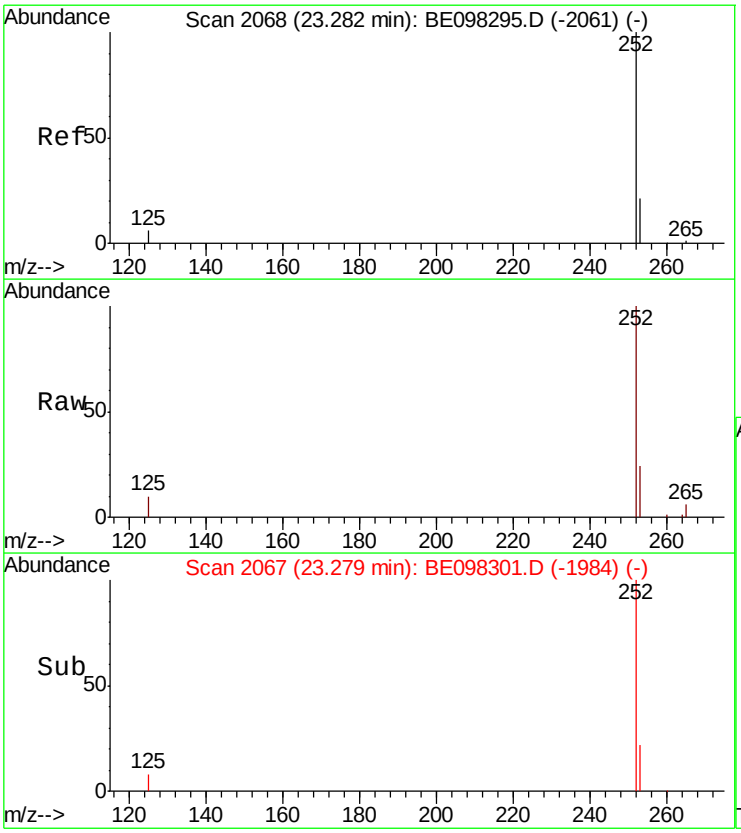
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12705

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.0	30.0
125	13.3	9.6	14.4

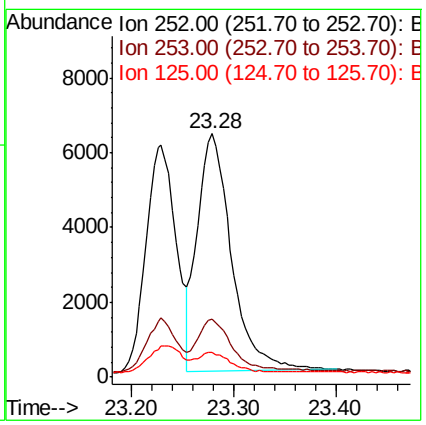


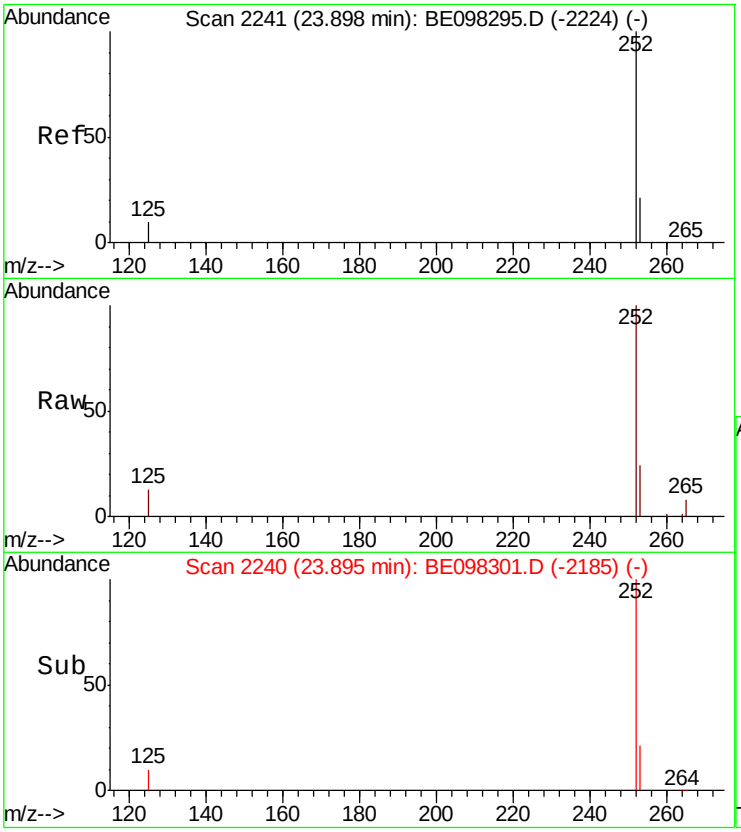


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:252 Resp: 14788

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	10.2	9.1	13.7



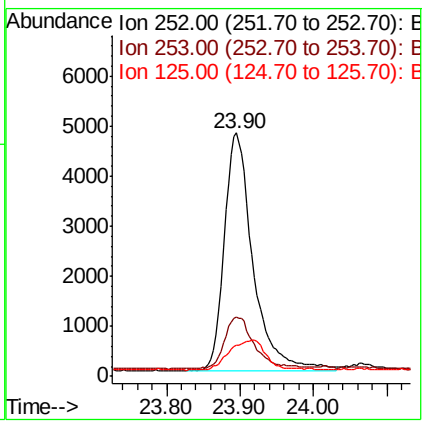


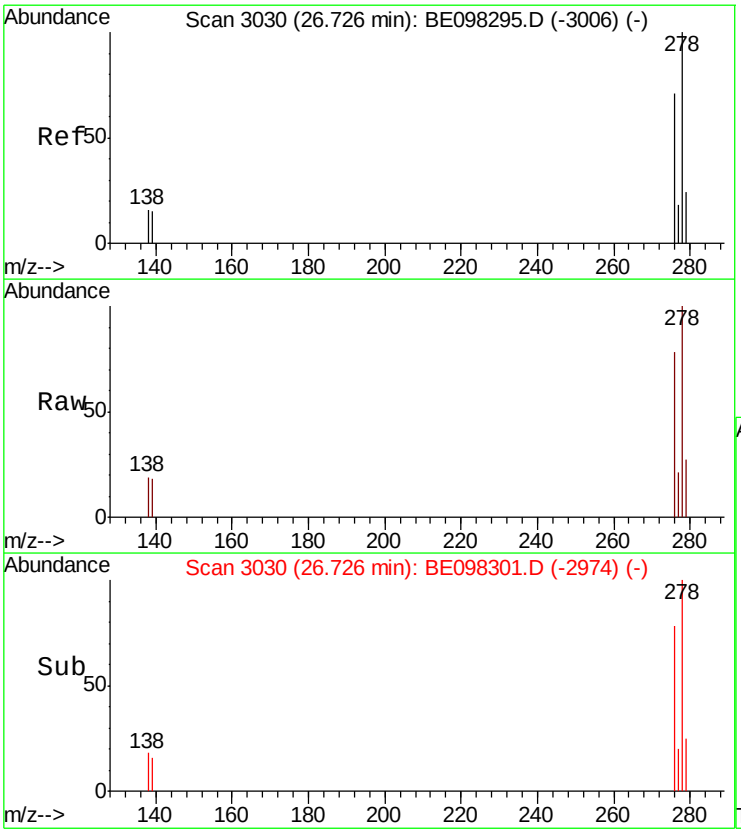
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.90 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13171

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.6	30.8
125	12.8	10.5	15.7

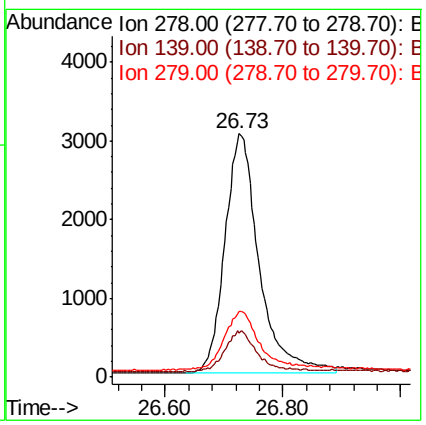


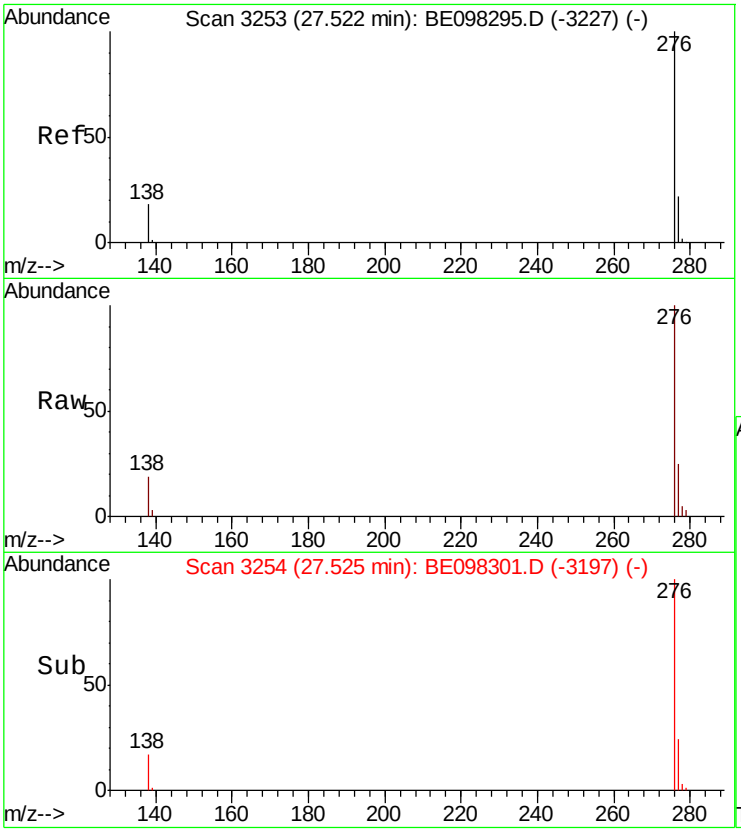


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.73 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Tgt Ion:278 Resp: 12275

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.5	21.7
279	27.2	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 27.52 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE098301.D
Acq: 10 Dec 2018 16:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12631

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.8	31.2
138	18.9	15.8	23.6