Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
Data File : BE098297.D
Acq On : 10 Dec 2018 13:42
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Dec 10 14:19:39 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 13:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1698	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	7470	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	4785	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	13293	0.40	ng		0.00
27) Chrysene-d12	21.46	240	13489	0.40	ng		0.00
34) Perylene-d12	24.01	264	11986	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	6538	1.44	ng		0.00
5) Phenol-d6	7.04	99	9511	1.49	ng		0.00
8) Nitrobenzene-d5	9.02	82	11525	1.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	19278	1.59	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	3198	1.41	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	29079	1.47	ng		0.00
25) Fluoranthene-d10	19.31	212	275479	1.54	ng		0.00
29) Terphenyl-d14	19.90	244	55150	1.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	4261	1.353	ng		97
3) n-Nitrosodimethylamine	3.68	42	4619	1.417	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	8797	1.496	ng		100
9) Naphthalene	10.70	128	117776	1.569	ng		100
10) Hexachlorobutadiene	10.99	225	7272	1.511	ng		98
12) 2-Methylnaphthalene	12.34	142	19721	1.583	ng		99
16) Acenaphthylene	14.24	152	35801	1.603	ng		99
17) Acenaphthene	14.59	154	21230	1.595	ng		99
18) Fluorene	15.57	166	29163	1.653	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	11301	1.502	ng	#	85
21) Hexachlorobenzene	16.58	284	11661	1.499	ng		97
22) Pentachlorophenol	16.93	266	2812	1.115	ng		92
23) Phenanthrene	17.32	178	50993	1.545	ng		99
24) Anthracene	17.41	178	47344	1.540	ng		99
26) Fluoranthene	19.34	202	69270	1.537	ng		100
28) Pyrene	19.70	202	70560	1.888	ng		100
30) Benzo(a)anthracene	21.45	228	61445	1.547	ng		98
31) Chrysene	21.50	228	63177	1.566	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	124526	1.309	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	60394	1.481	ng		99
35) Benzo(b)fluoranthene	23.22	252	50961	1.450	ng	#	94
36) Benzo(k)fluoranthene	23.28	252	59768	1.620	ng	#	96
37) Benzo(a)pyrene	23.89	252	52672	1.556	ng	#	93
38) Dibenzo(a,h)anthracene	26.72	278	50528	1.574	ng	#	94
39) Benzo(g,h,i)perylene	27.52	276	51178	1.591	ng		97

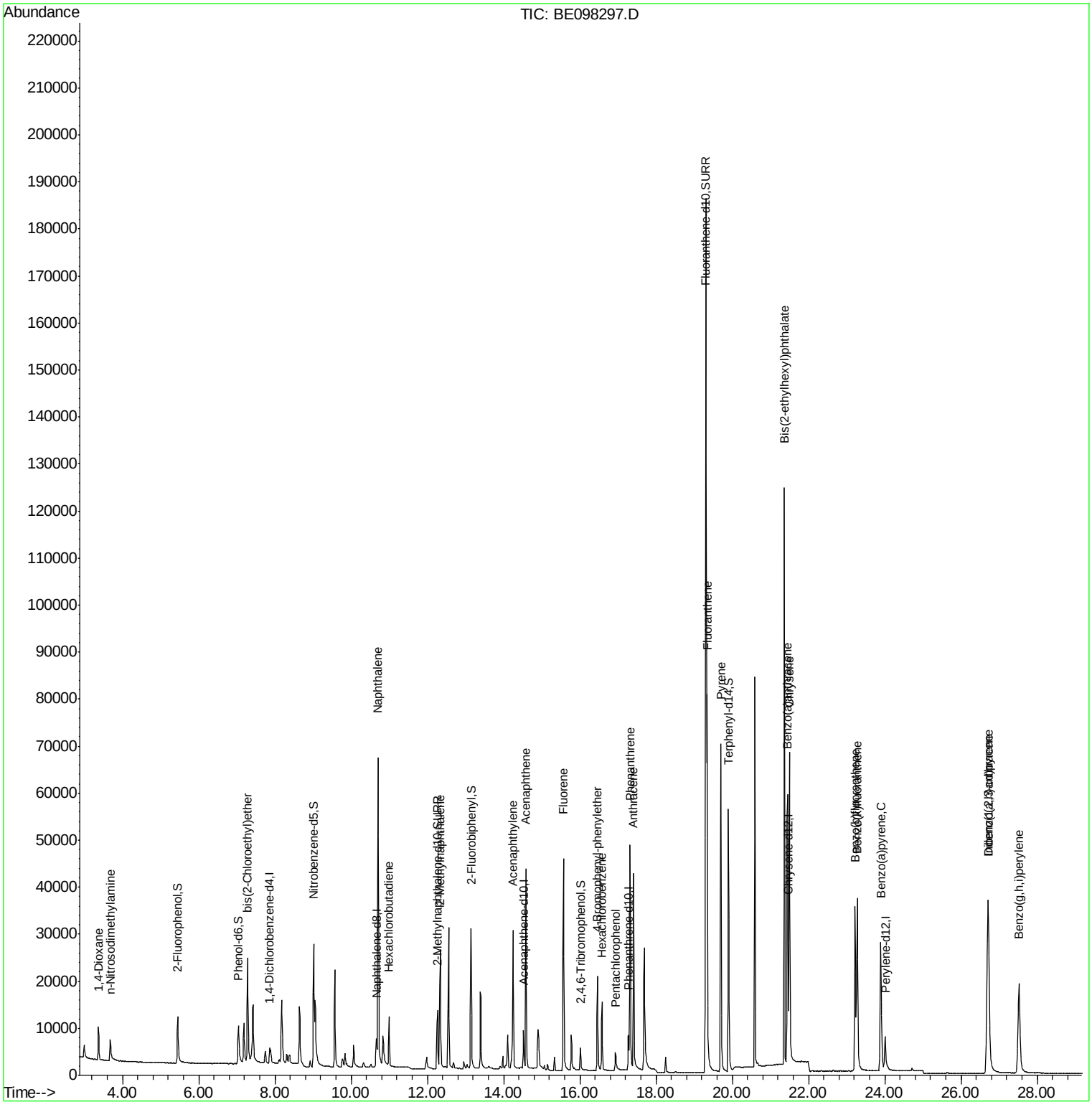
(#) = qualifier out of range (m) = manual integration (+) = signals summed

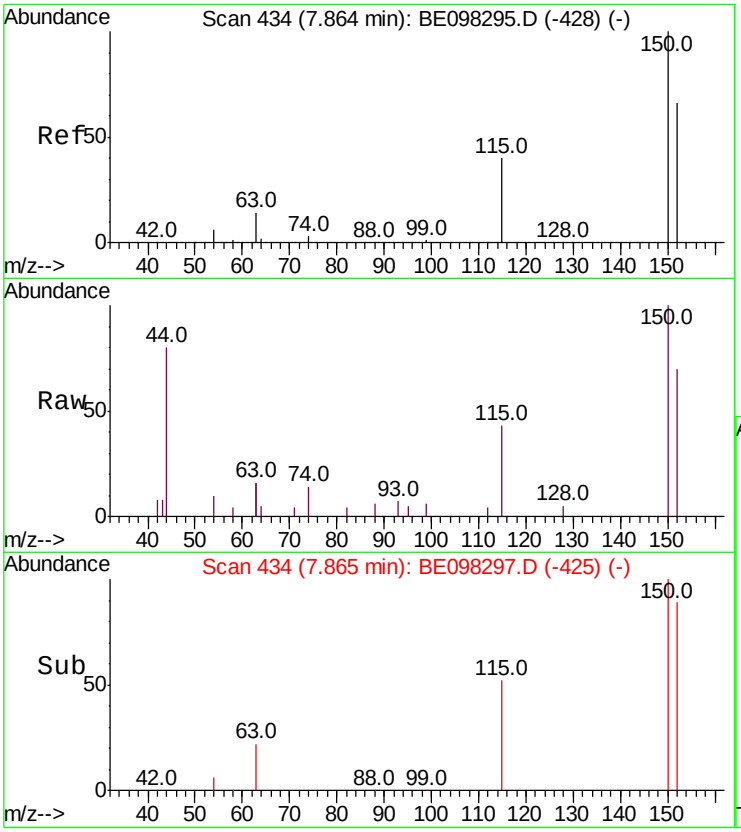
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
Data File : BE098297.D
Acq On : 10 Dec 2018 13:42
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 10 14:19:39 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 13:04:34 2018
Response via : Initial Calibration



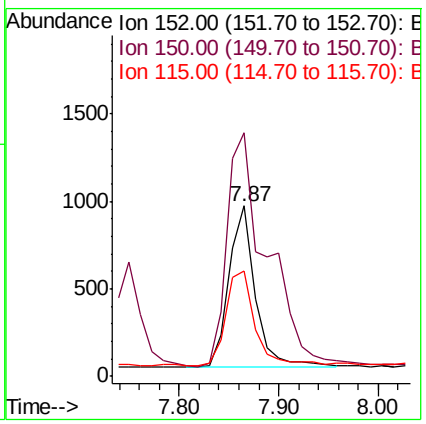


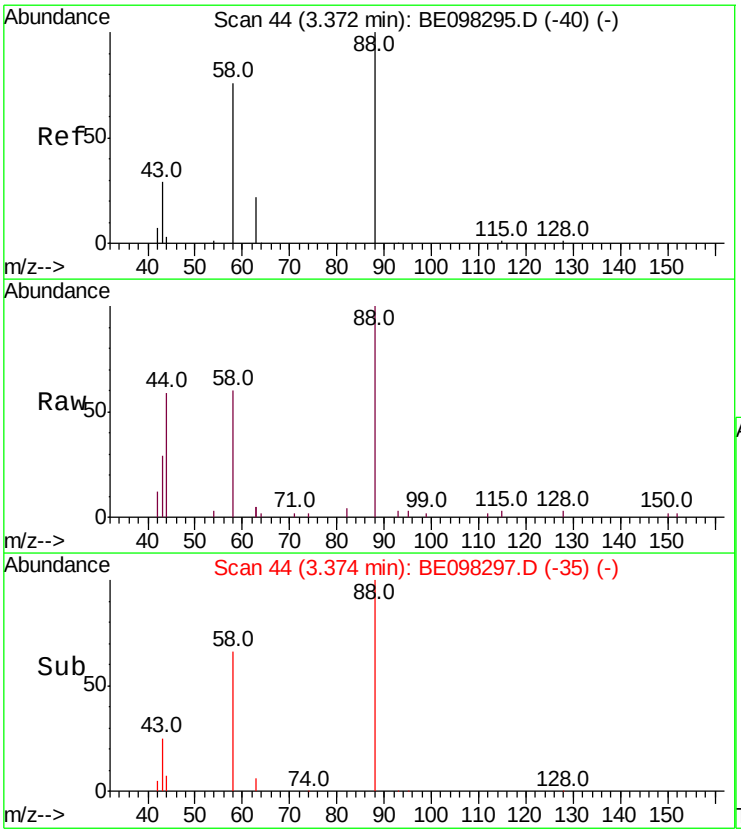
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1698

Ion	Ratio	Lower	Upper
152	100		
150	142.8	124.2	186.4
115	61.9	53.9	80.9

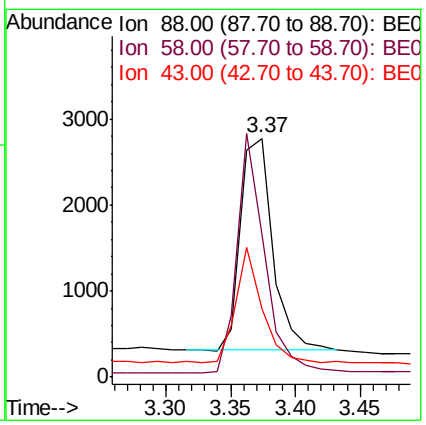


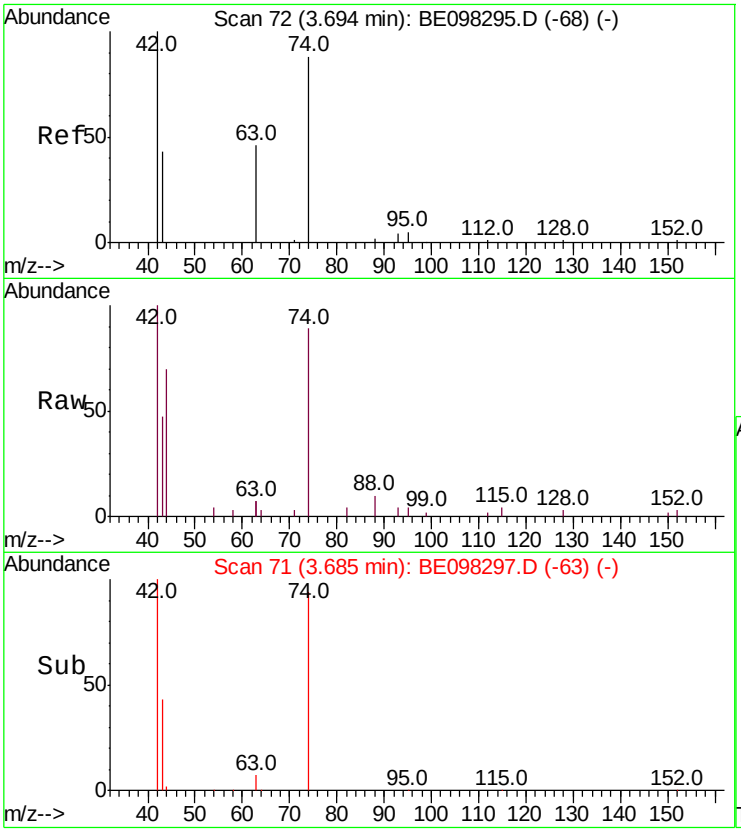


#2
1,4-Dioxane
Concen: 1.353 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion: 88 Resp: 4261

Ion	Ratio	Lower	Upper
88	100		
58	95.9	75.0	112.6
43	44.4	38.3	57.5



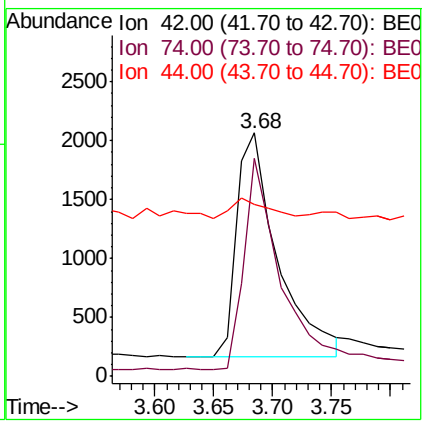


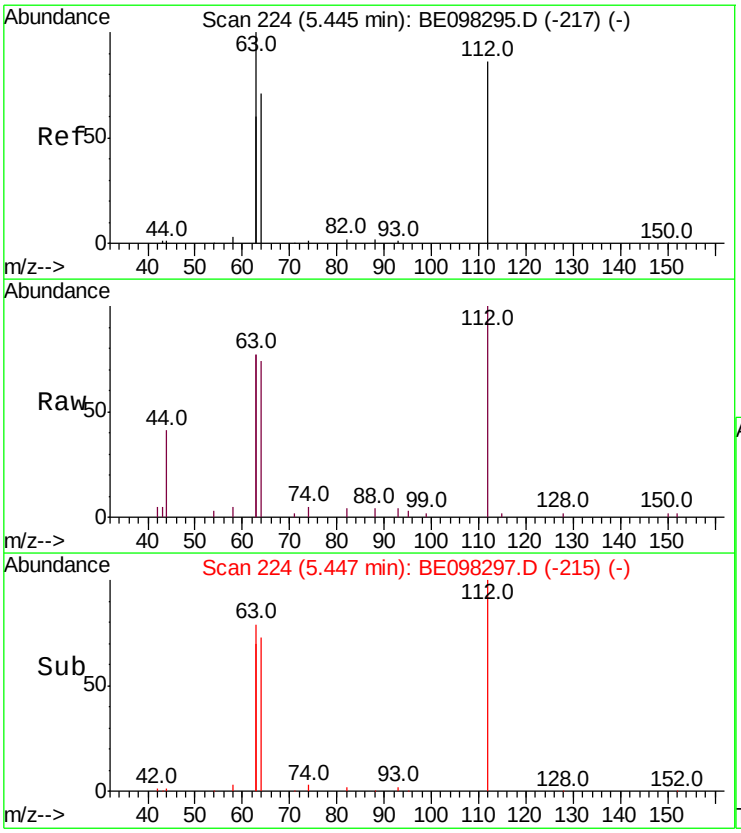
#3
n-Nitrosodimethylamine
Concen: 1.417 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4619

Ion	Ratio	Lower	Upper
42	100		
74	84.7	0.0	0.0#
44	8.1	0.0	0.0#

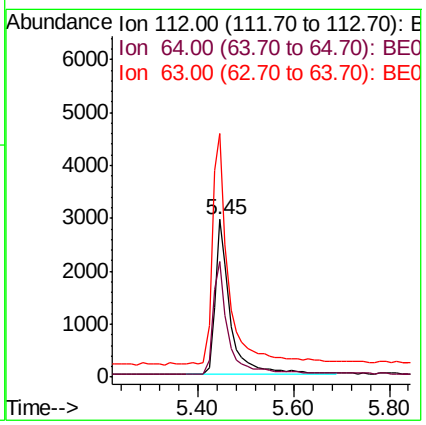


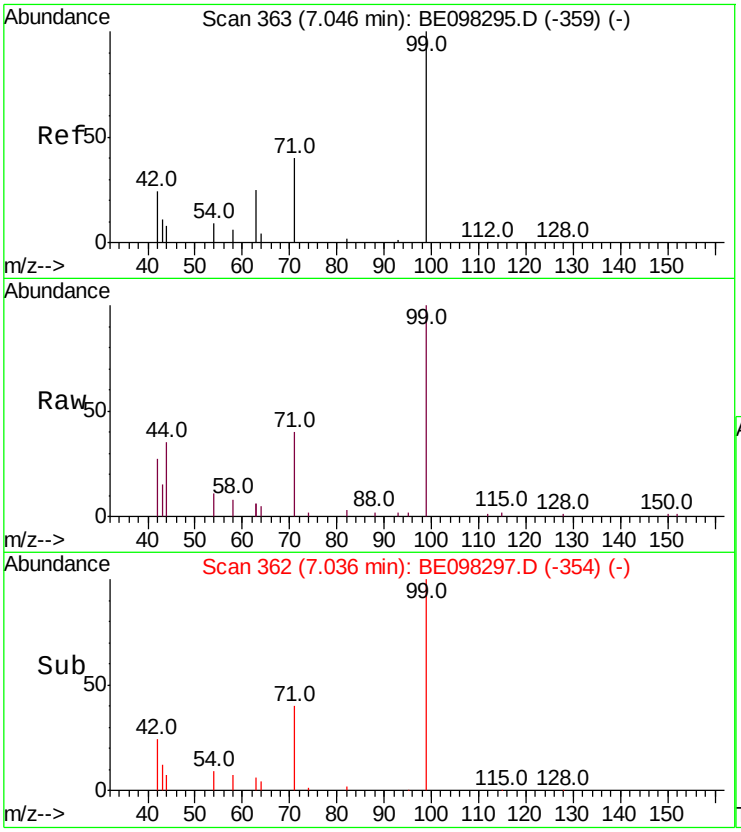


#4
2-Fluorophenol
Concen: 1.442 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:112 Resp: 6538

Ion	Ratio	Lower	Upper
112	100		
64	75.2	59.8	89.8
63	161.9	133.7	200.5



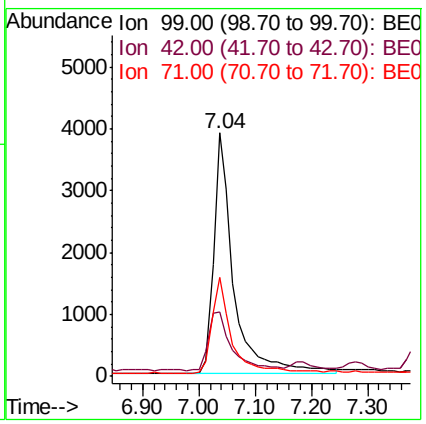


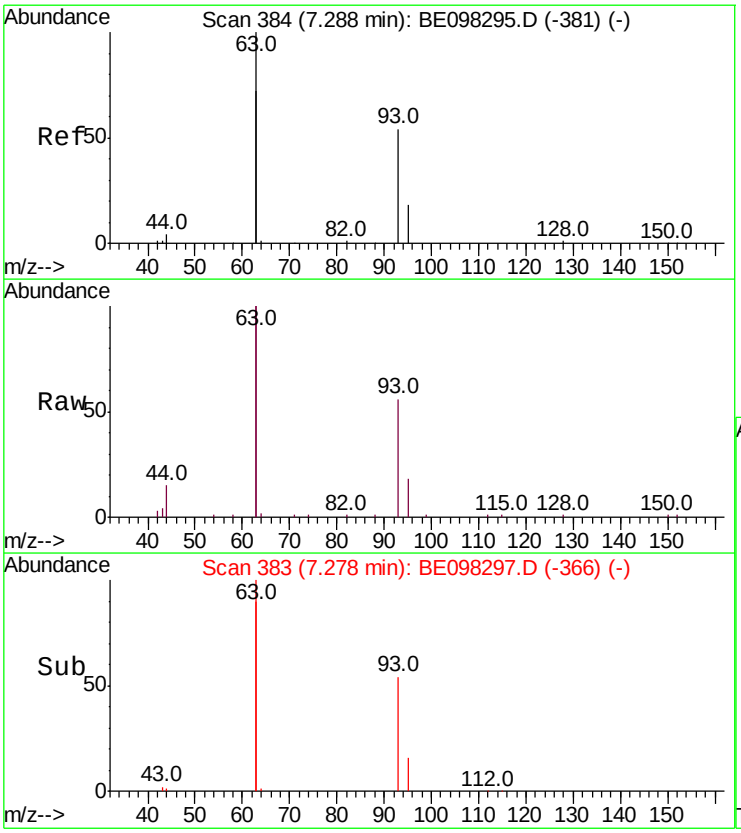
#5
Phenol-d6
Concen: 1.489 ng
RT: 7.04 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 9511

Ion	Ratio	Lower	Upper
99	100		
42	27.9	26.3	39.5
71	39.2	33.6	50.4

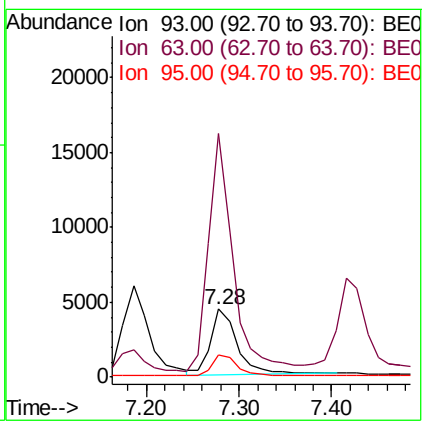


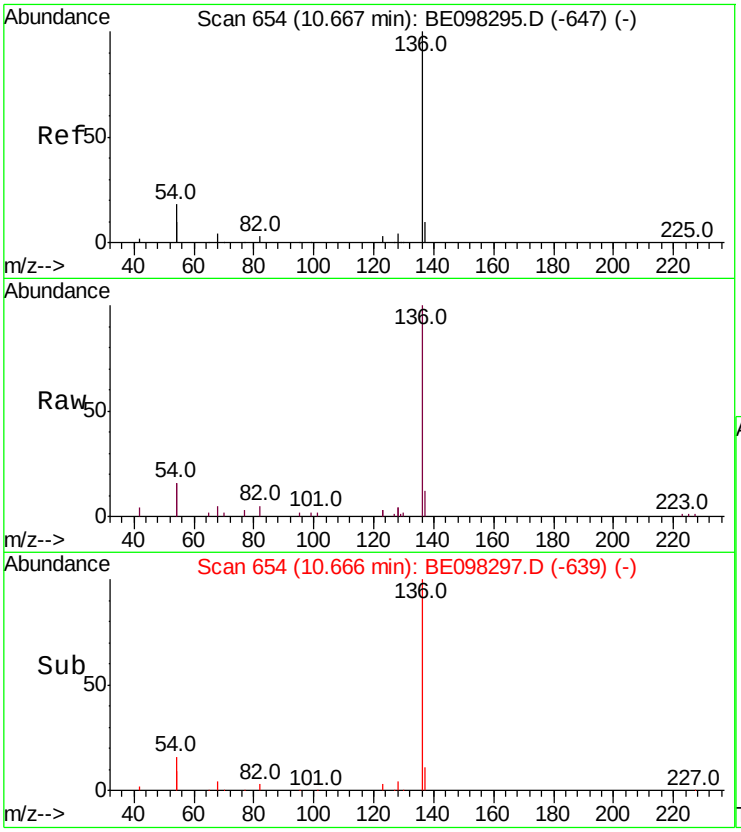


#6
bis(2-Chloroethyl)ether
Concen: 1.496 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion: 93 Resp: 8797

Ion	Ratio	Lower	Upper
93	100		
63	331.2	264.4	396.6
95	33.3	26.6	40.0



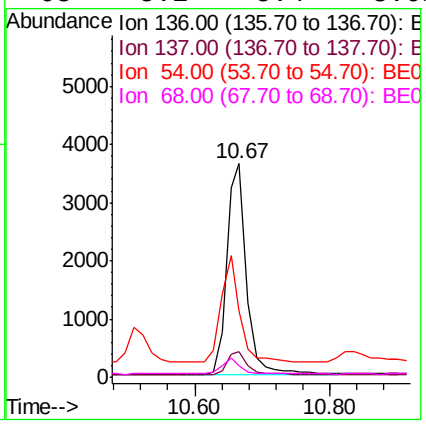


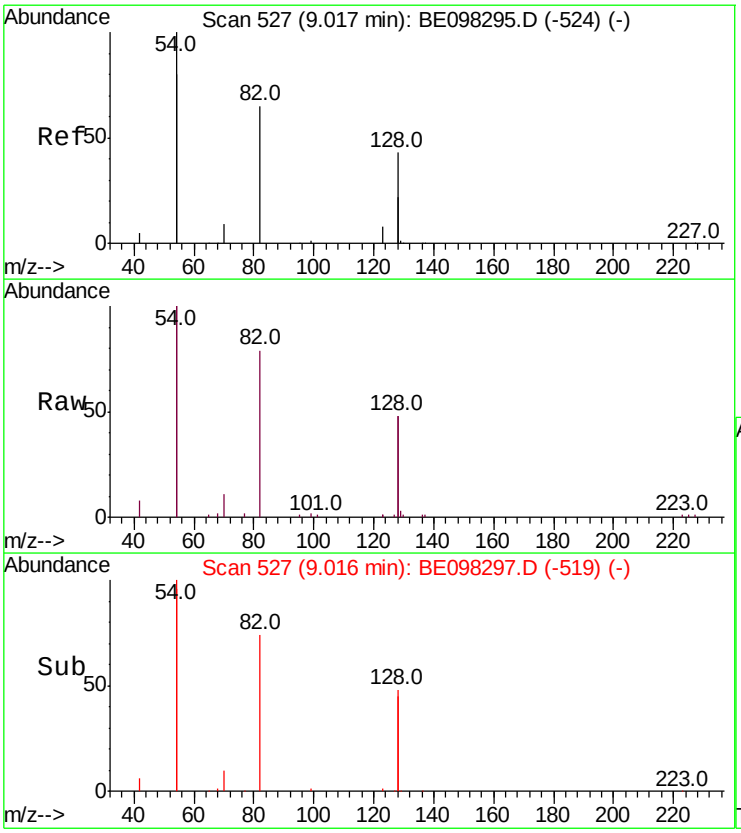
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 7470

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	31.1	28.4	42.6
68	5.2	5.4	8.0#

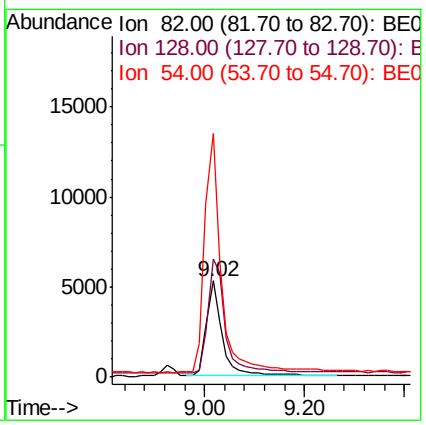


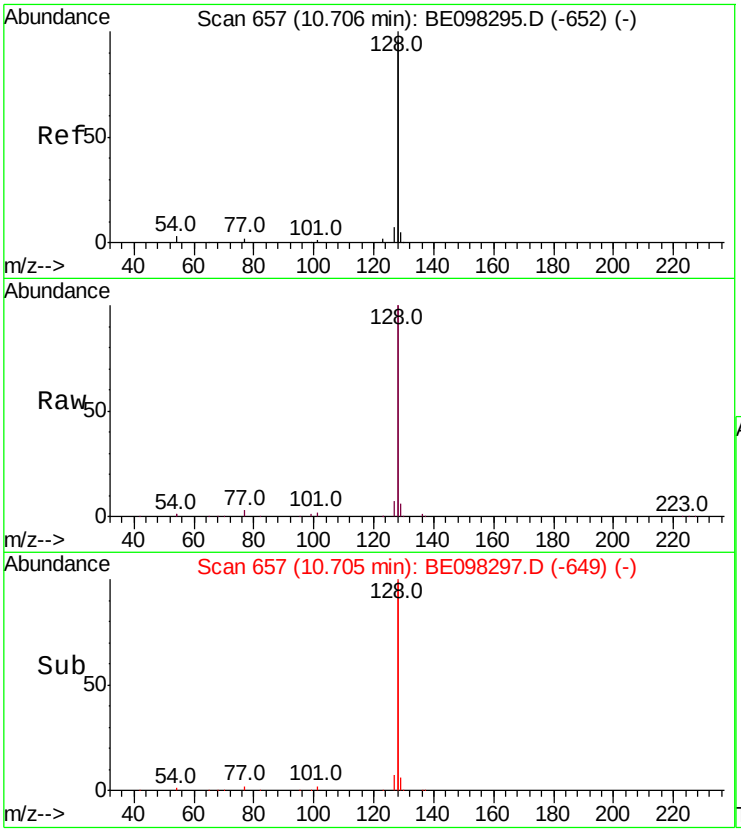


#8
Nitrobenzene-d5
Concen: 1.523 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion: 82 Resp: 11525

Ion	Ratio	Lower	Upper
82	100		
128	122.2	102.4	153.6
54	252.9	221.8	332.8



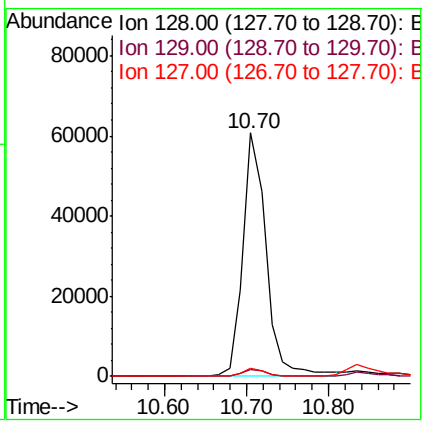


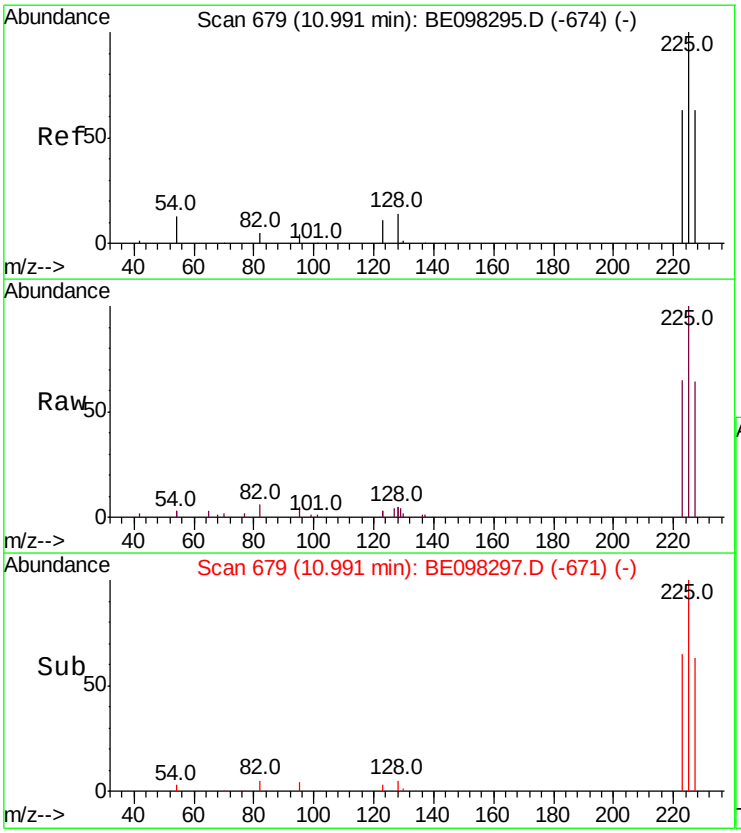
#9
Naphthalene
Concen: 1.569 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 117776

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.5	3.7
127	3.5	2.7	4.1

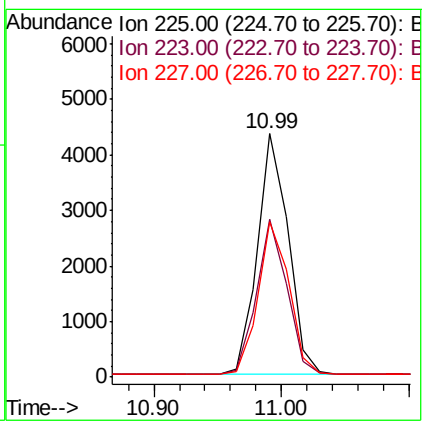


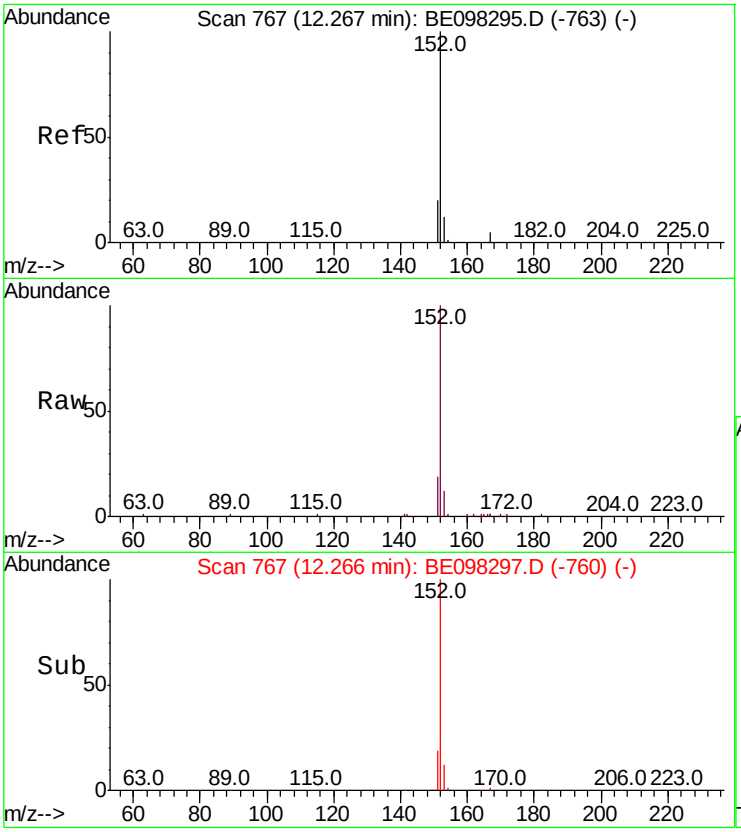


#10
Hexachlorobutadiene
Concen: 1.511 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:225 Resp: 7272

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	63.8	52.0	78.0



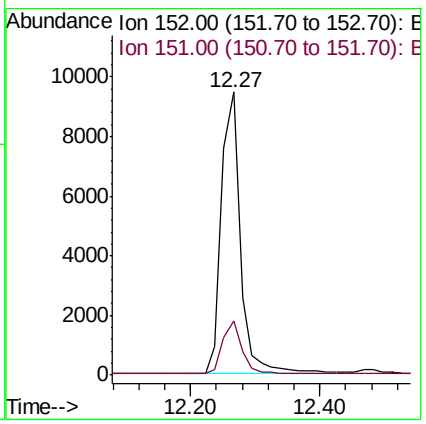


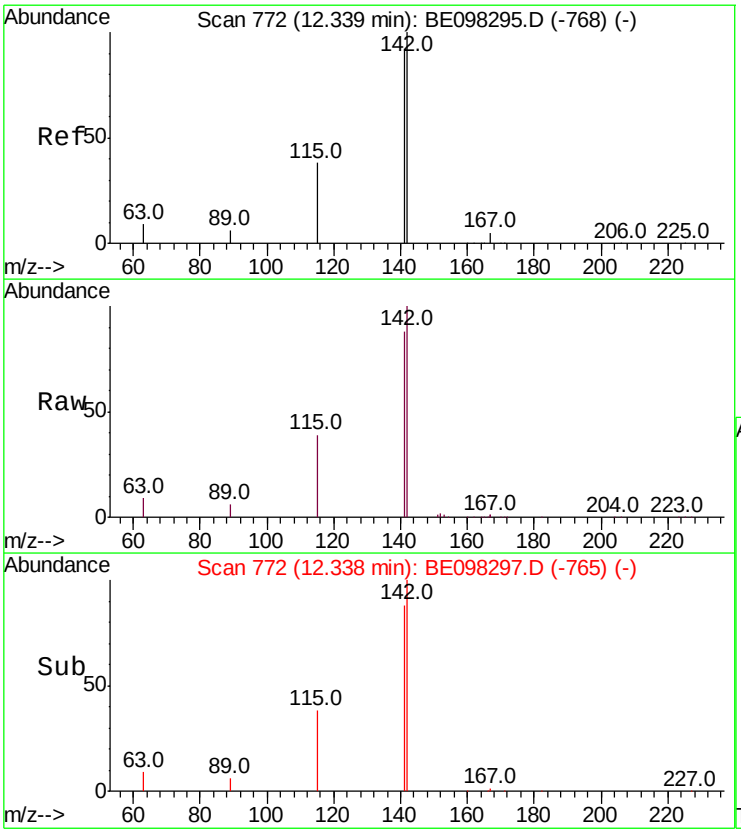
#11
2-Methylnaphthalene-d10
Concen: 1.589 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 19278

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4

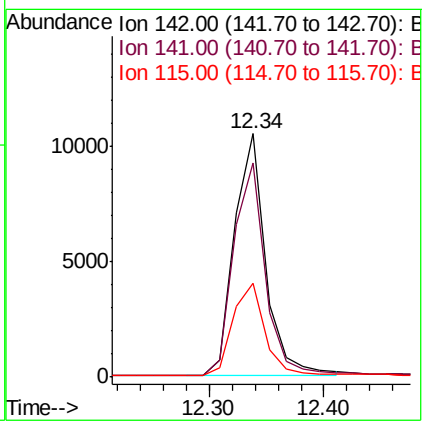


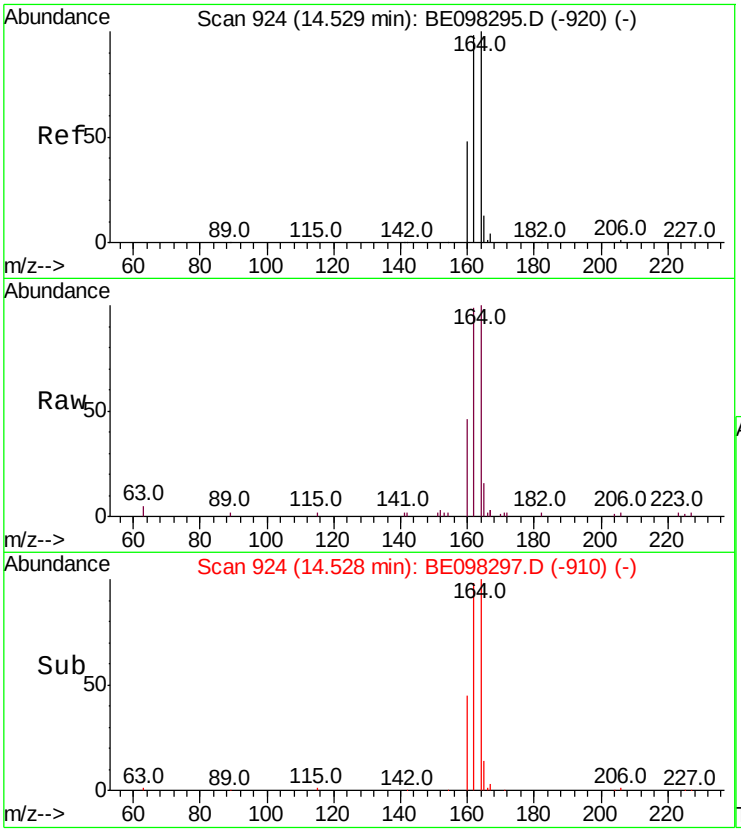


#12
2-Methylnaphthalene
Concen: 1.583 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:142 Resp: 19721

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	38.6	32.2	48.2



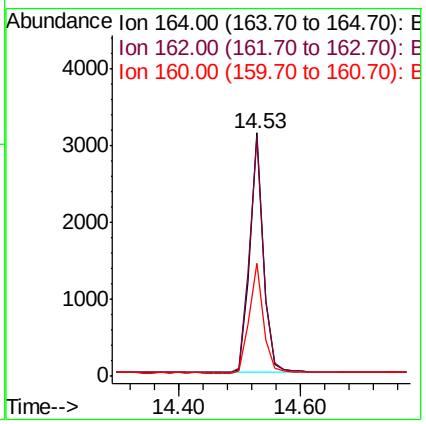


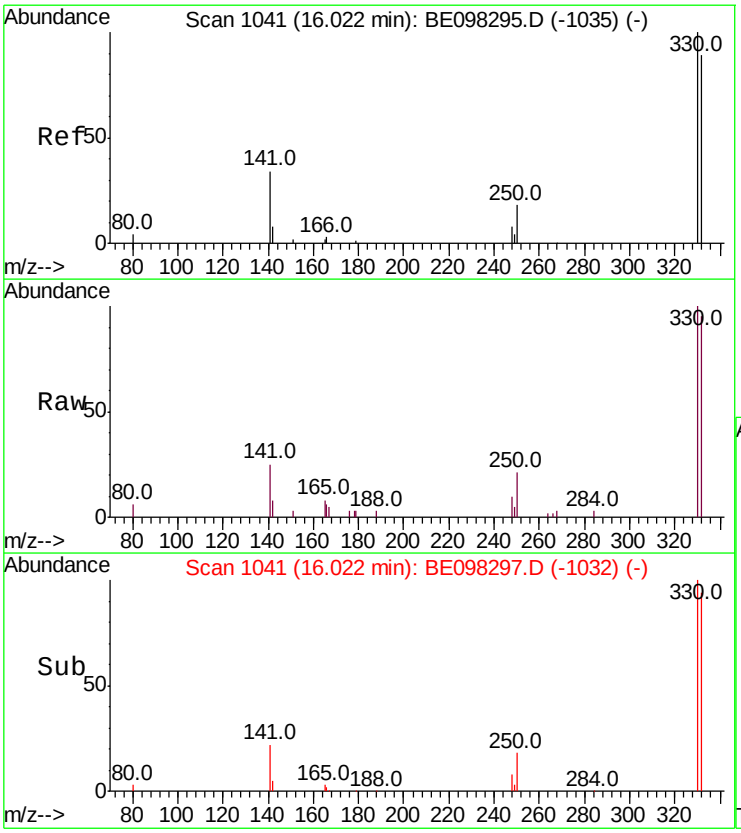
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 4785

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.6	116.4
160	46.2	36.0	54.0

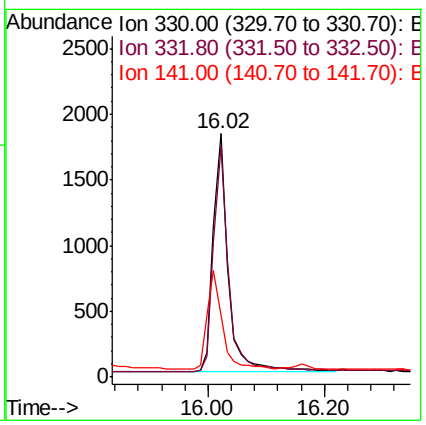


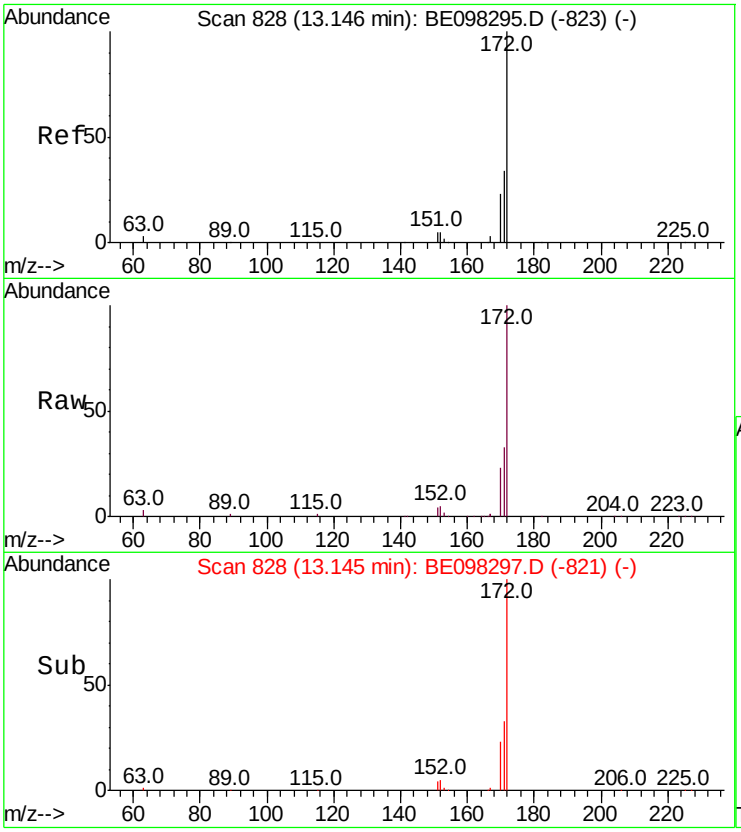


#14
2,4,6-Tribromophenol
Concen: 1.409 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:330 Resp: 3198

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	41.7	39.0	58.4



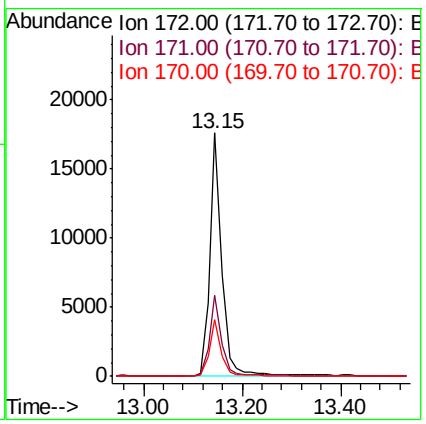


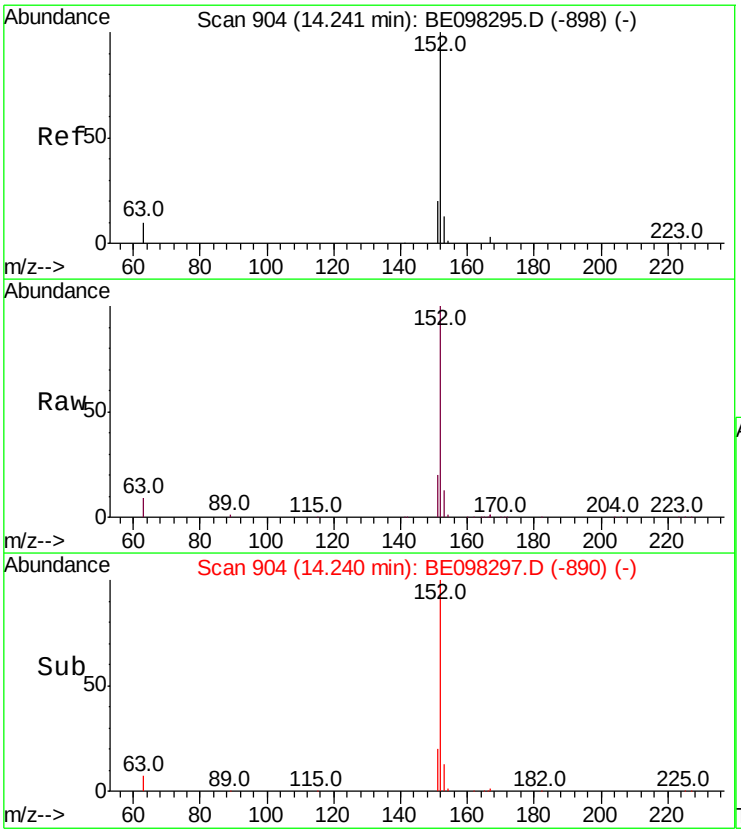
#15
2-Fluorobiphenyl
Concen: 1.467 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 29079

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.5	41.3
170	23.0	19.6	29.4

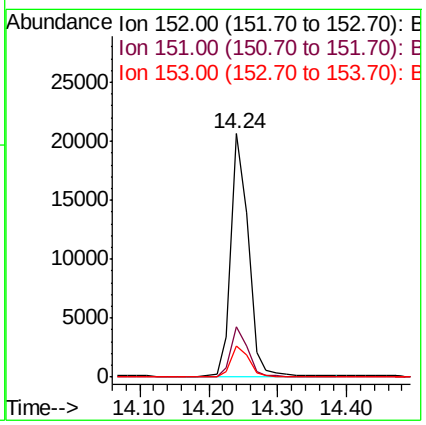


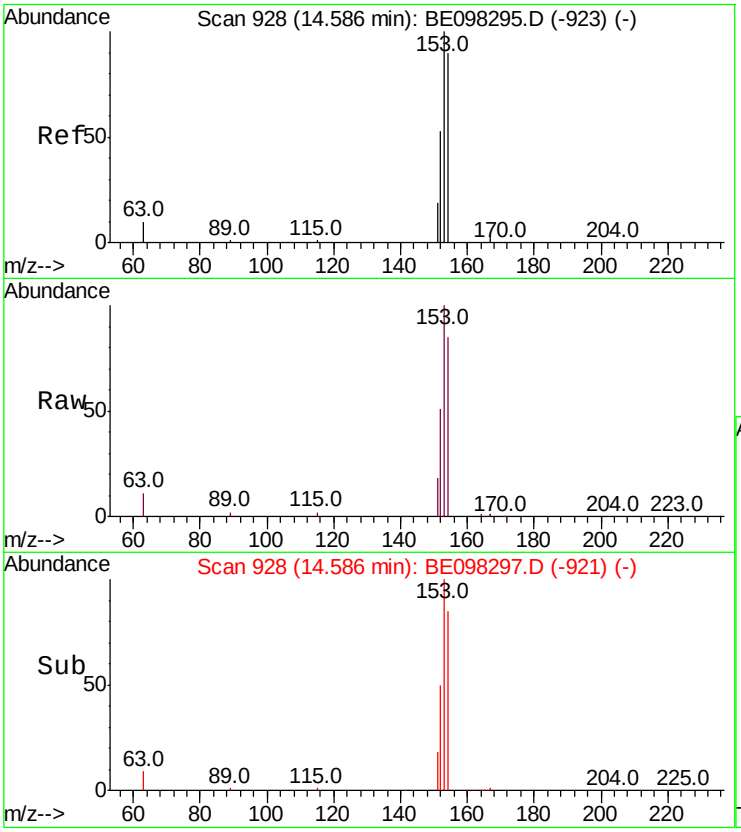


#16
Acenaphthylene
Concen: 1.603 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:152 Resp: 35801

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.7	10.6	16.0



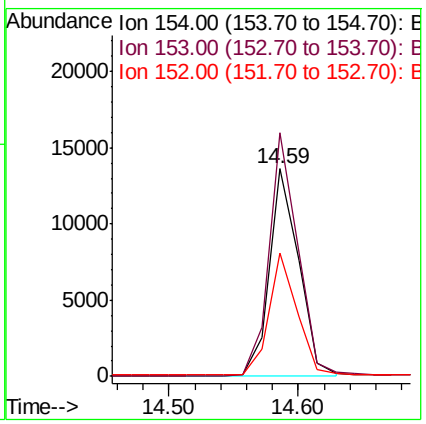


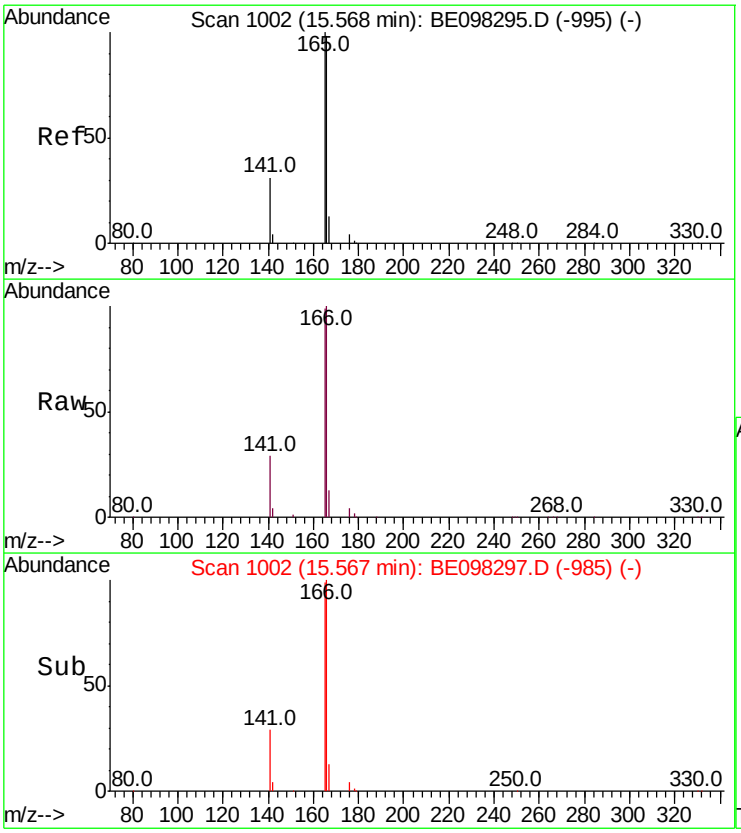
#17
Acenaphthene
Concen: 1.595 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 21230

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.8	137.6
152	57.5	45.5	68.3

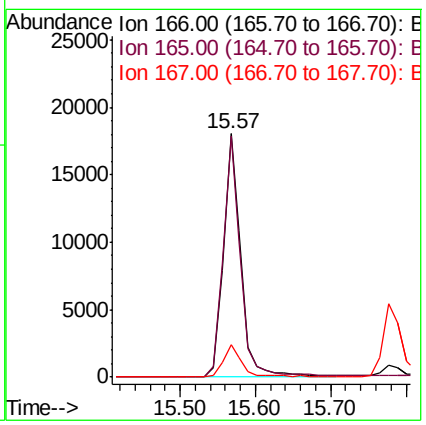


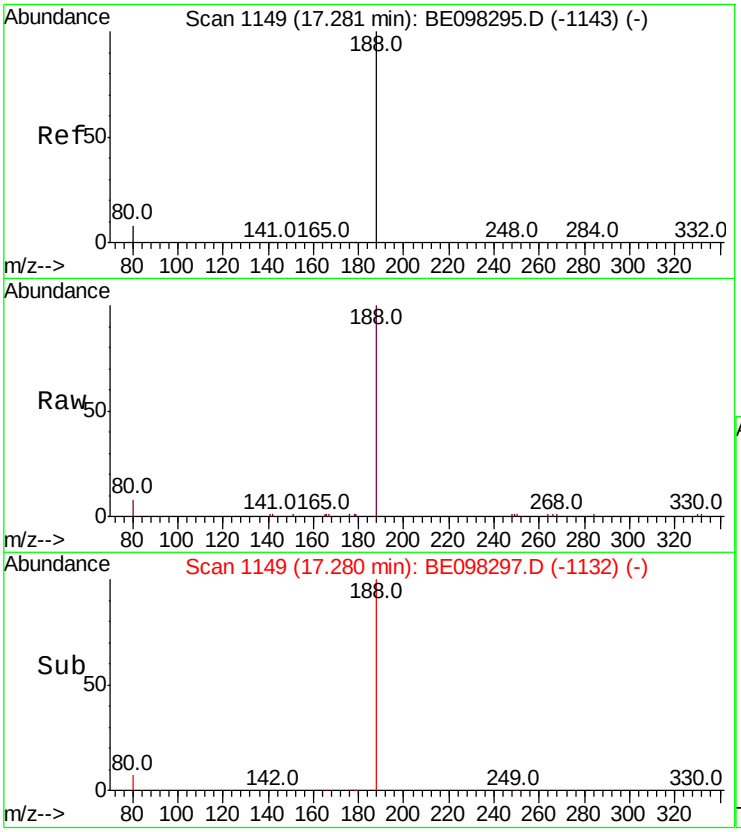


#18
Fluorene
Concen: 1.653 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:166 Resp: 29163

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.3	11.3	16.9



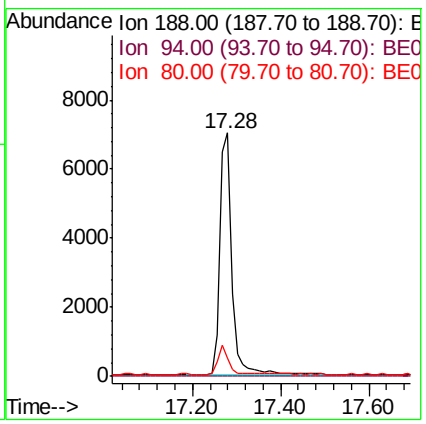


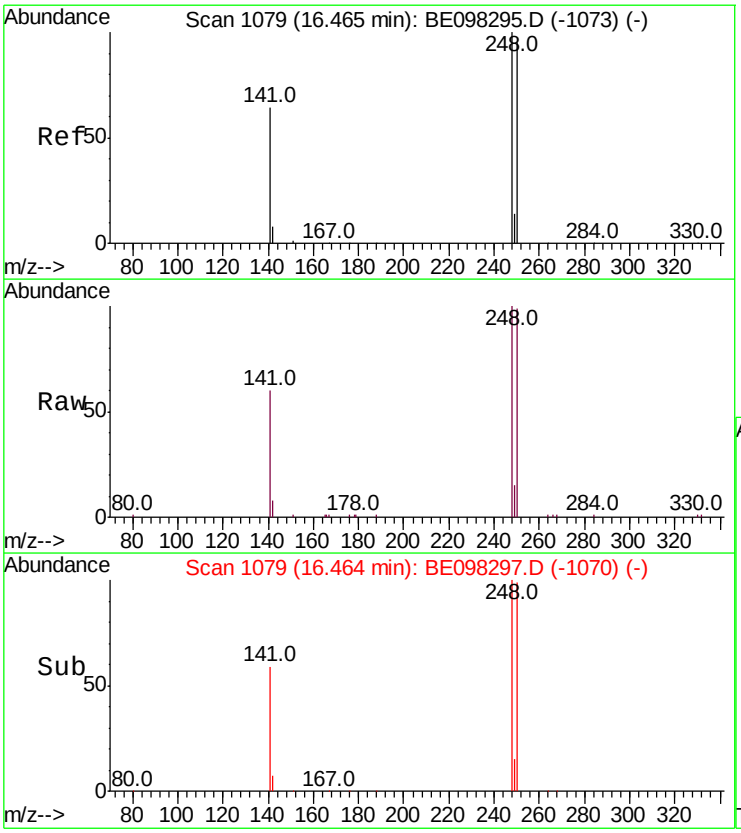
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 13293

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.2	10.8

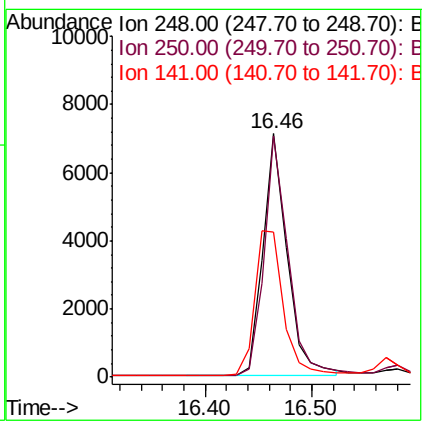


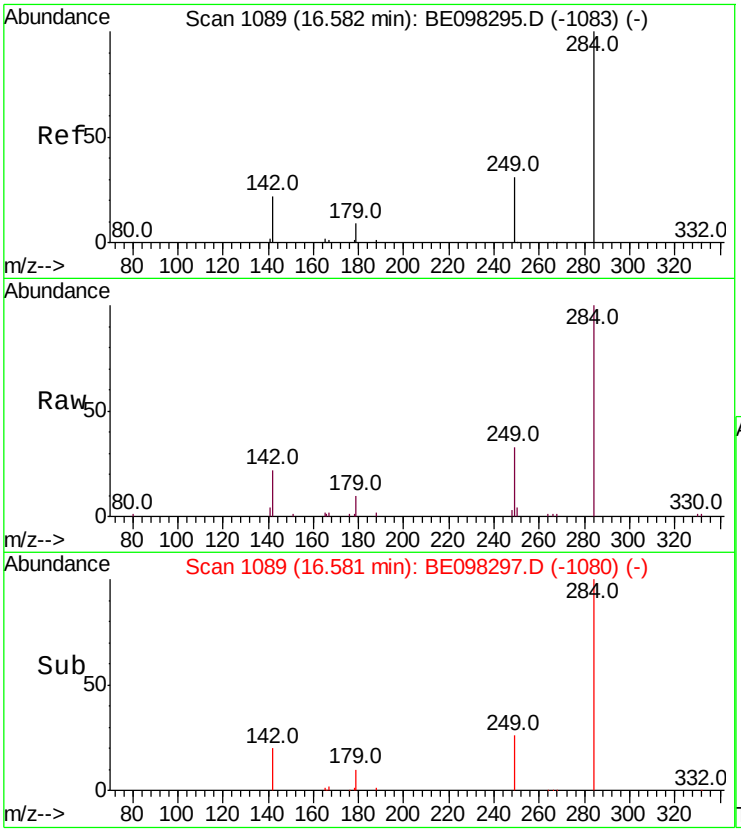


#20
4-Bromophenyl-phenylether
Concen: 1.502 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:248 Resp: 11301

Ion	Ratio	Lower	Upper
248	100		
250	98.8	71.0	106.6
141	59.8	62.1	93.1#



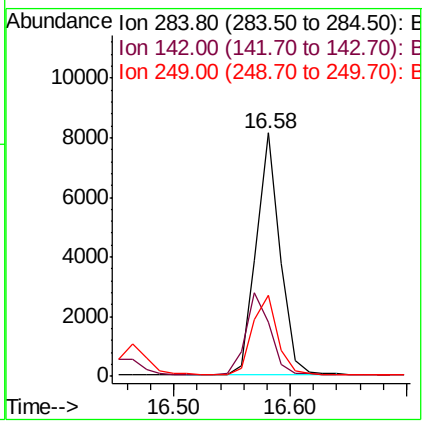


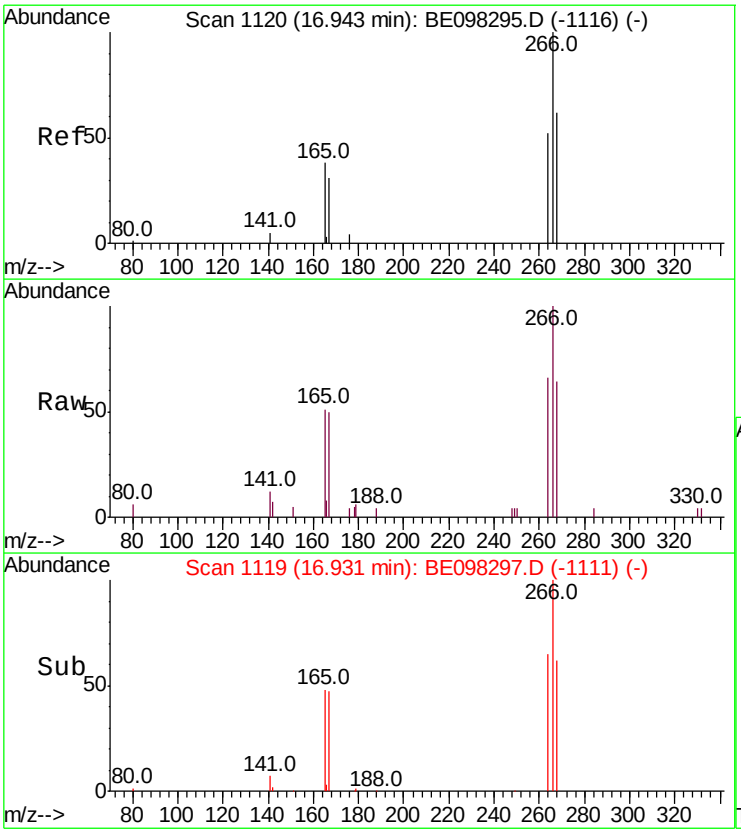
#21
Hexachlorobenzene
Concen: 1.499 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 11661

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.3	39.5
249	33.8	26.0	39.0

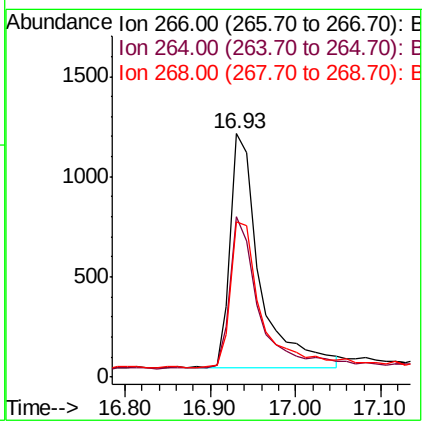


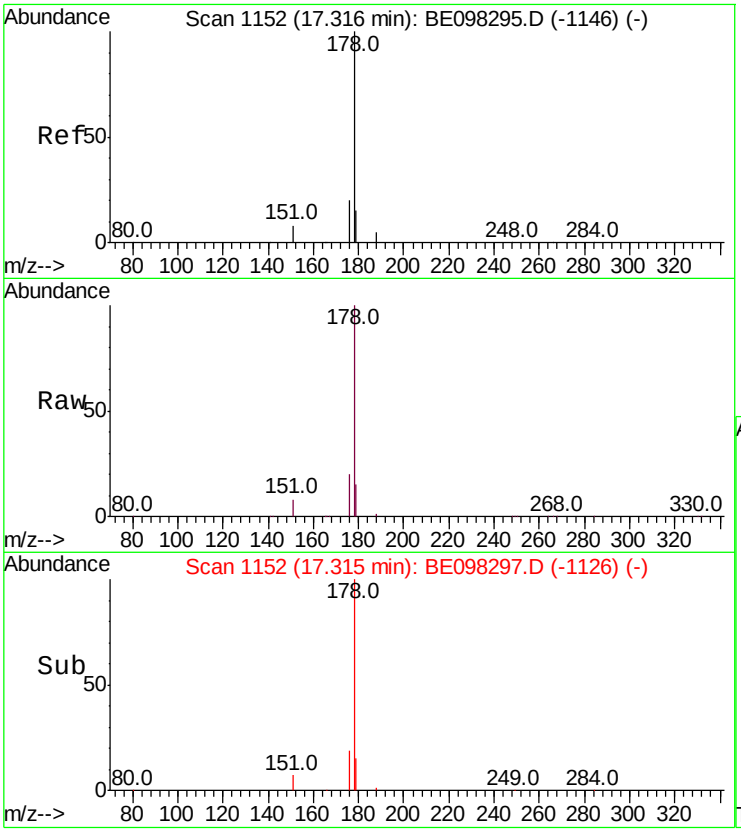


#22
Pentachlorophenol
Concen: 1.115 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:266 Resp: 2812

Ion	Ratio	Lower	Upper
266	100		
264	65.8	59.0	88.4
268	64.0	55.1	82.7



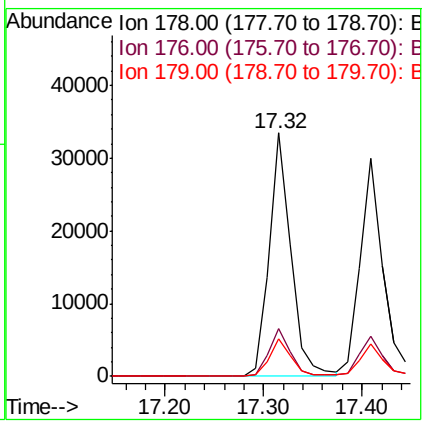


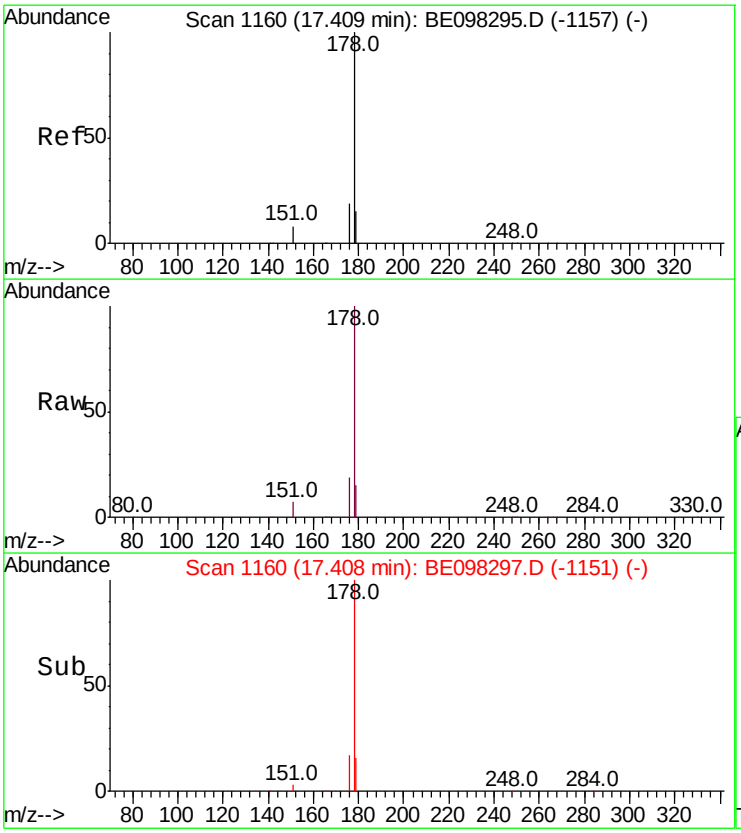
#23
Phenanthrene
Concen: 1.545 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 50993

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.2	12.3	18.5

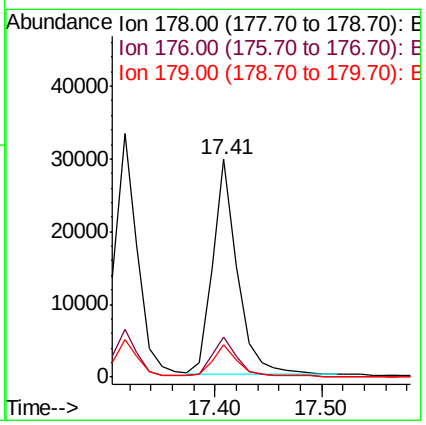


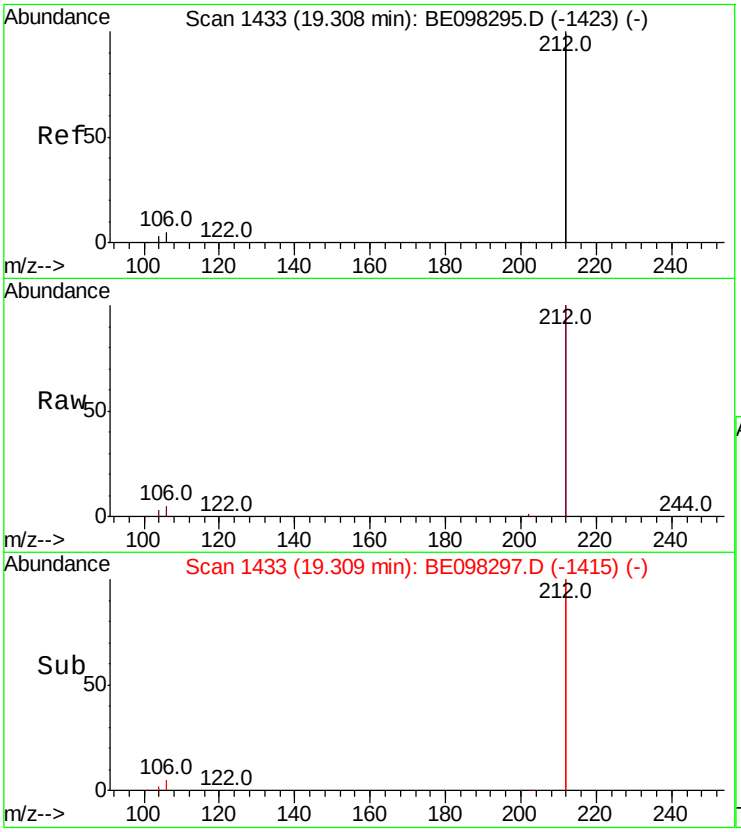


#24
Anthracene
Concen: 1.540 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:178 Resp: 47344

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.0	12.3	18.5



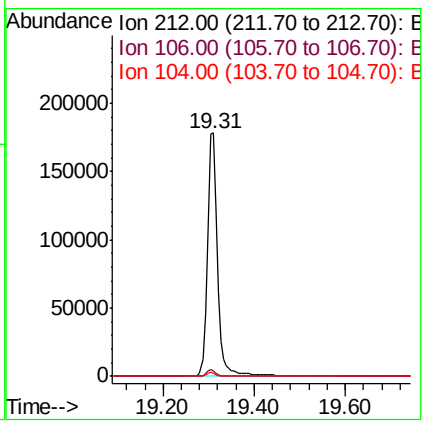


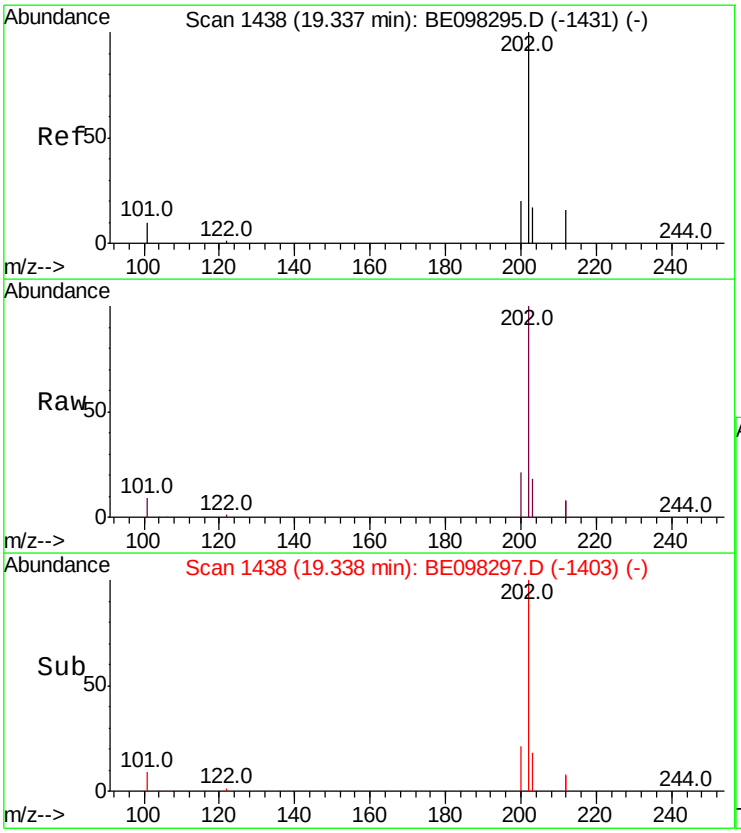
#25
Fluoranthene-d10
Concen: 1.536 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 275479

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

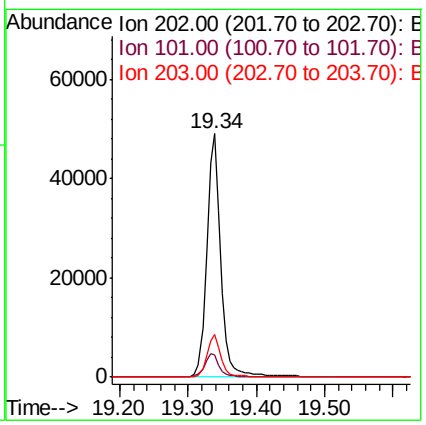


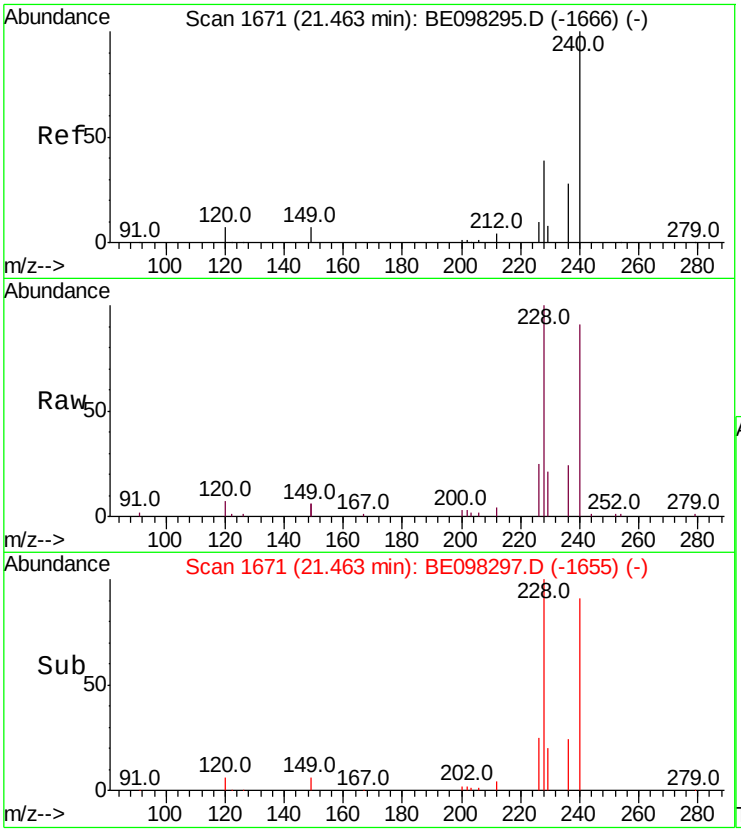


#26
Fluoranthene
Concen: 1.537 ng
RT: 19.34 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:202 Resp: 69270

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
203	17.1	13.8	20.6



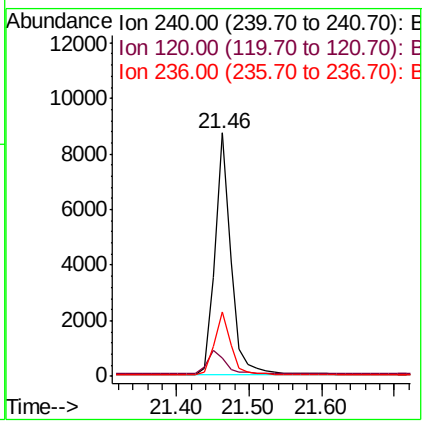


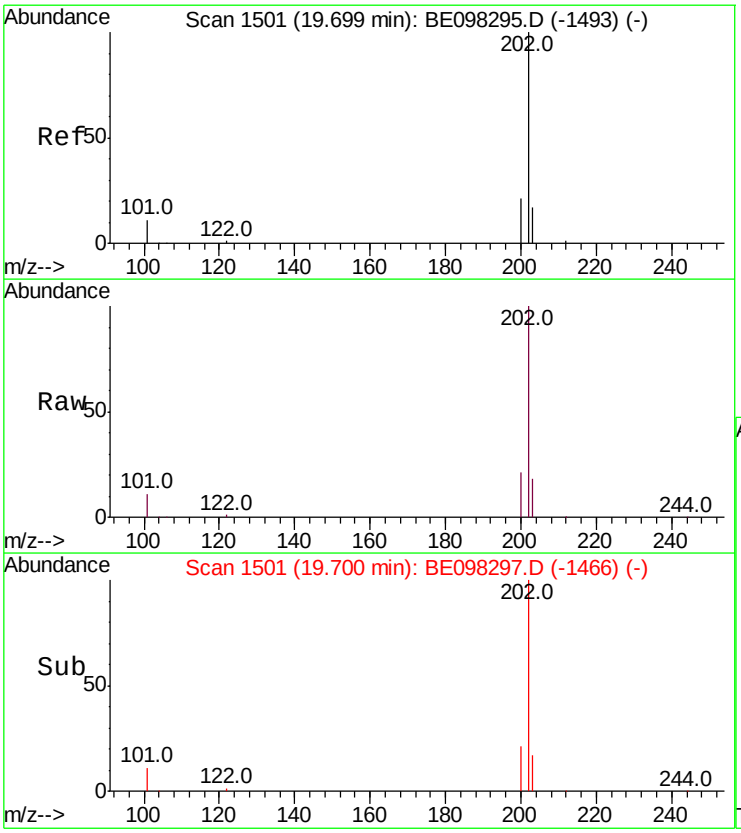
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 13489

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	26.4	22.7	34.1

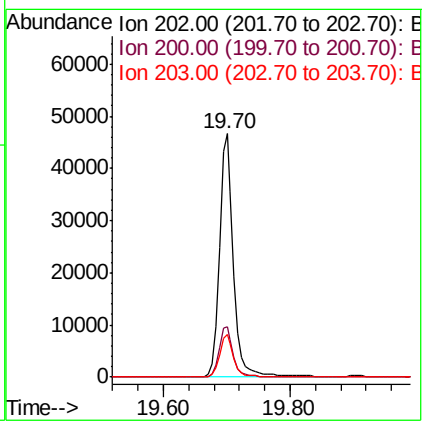


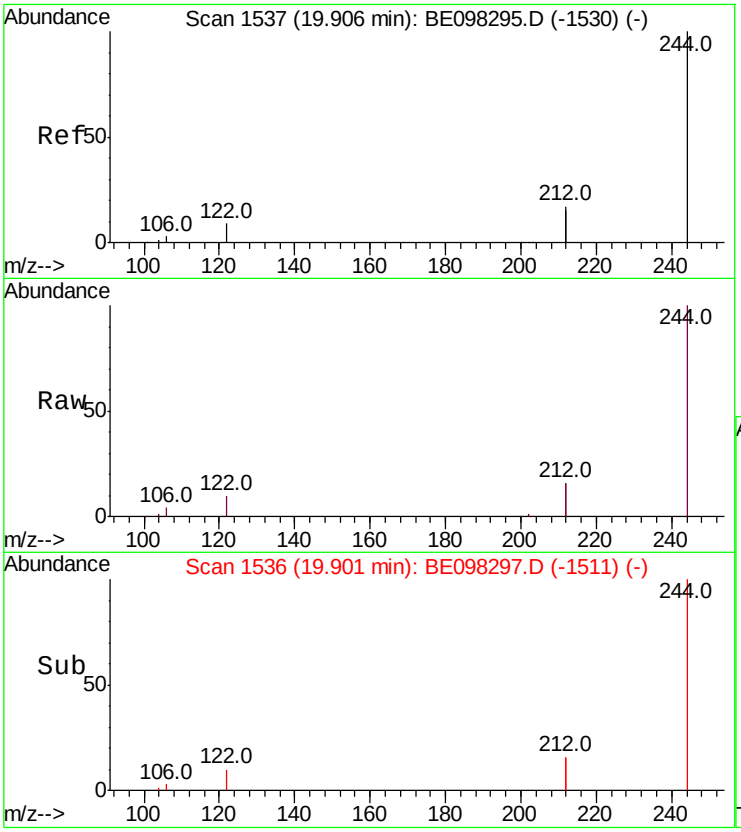


#28
Pyrene
Concen: 1.888 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:202 Resp: 70560

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	14.1	21.1



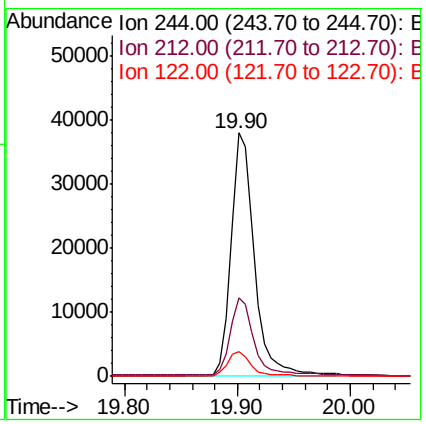


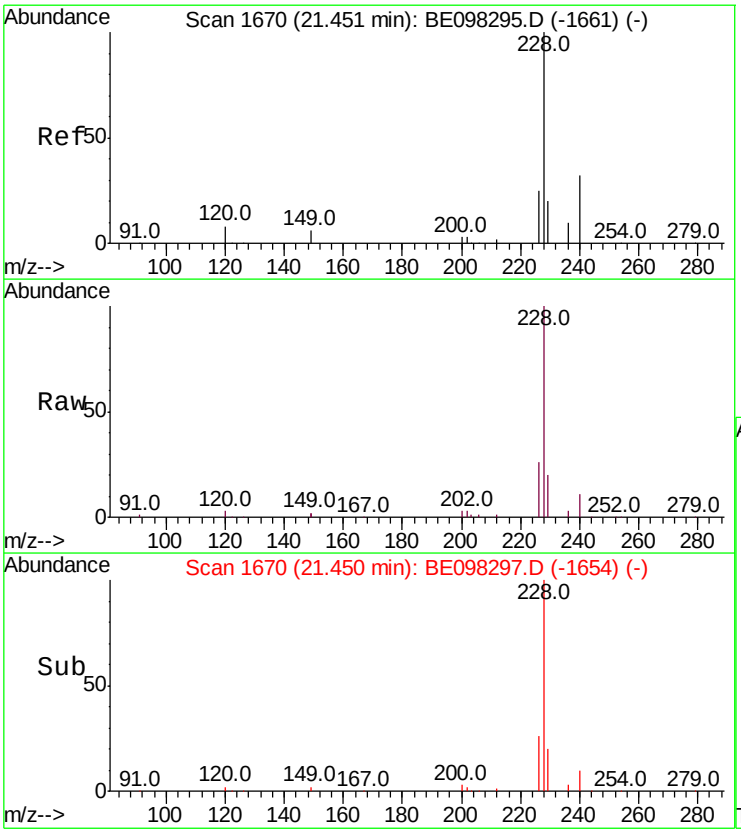
#29
Terphenyl-d14
Concen: 1.818 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 55150

Ion	Ratio	Lower	Upper
244	100		
212	32.4	27.4	41.0
122	10.1	8.3	12.5

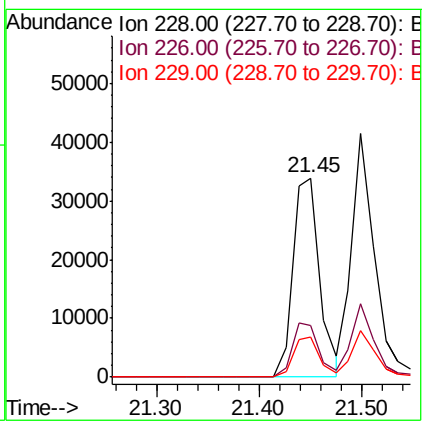


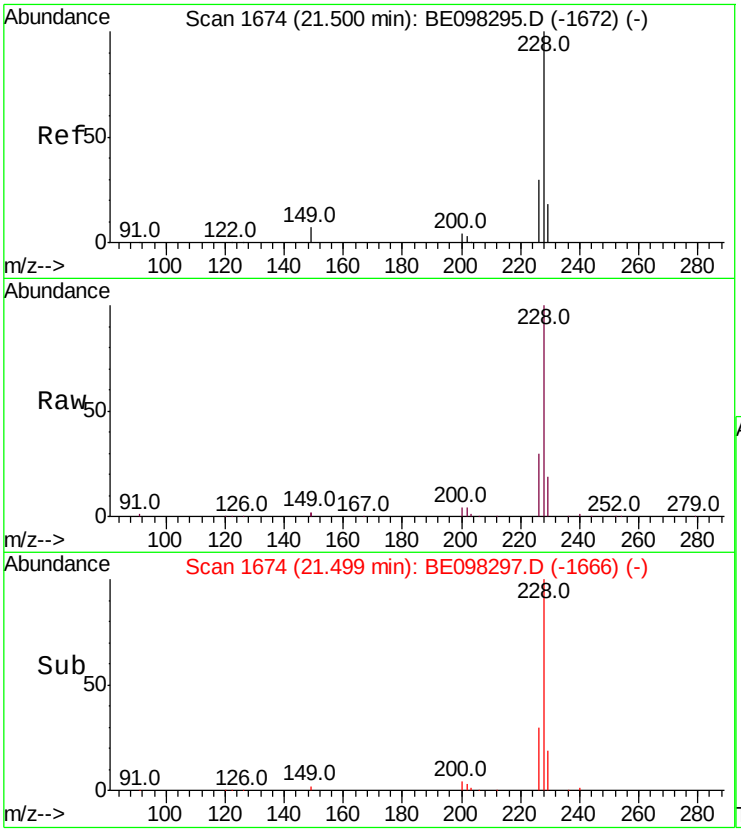


#30
Benzo(a)anthracene
Concen: 1.547 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:228 Resp: 61445

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	20.0	16.3	24.5



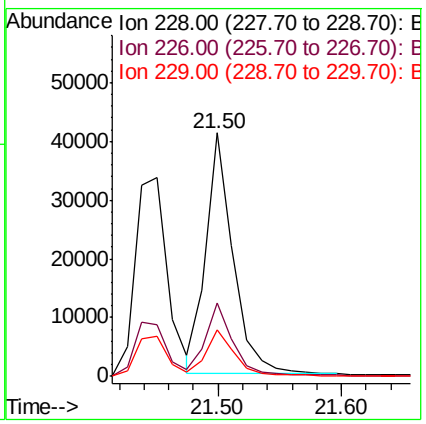


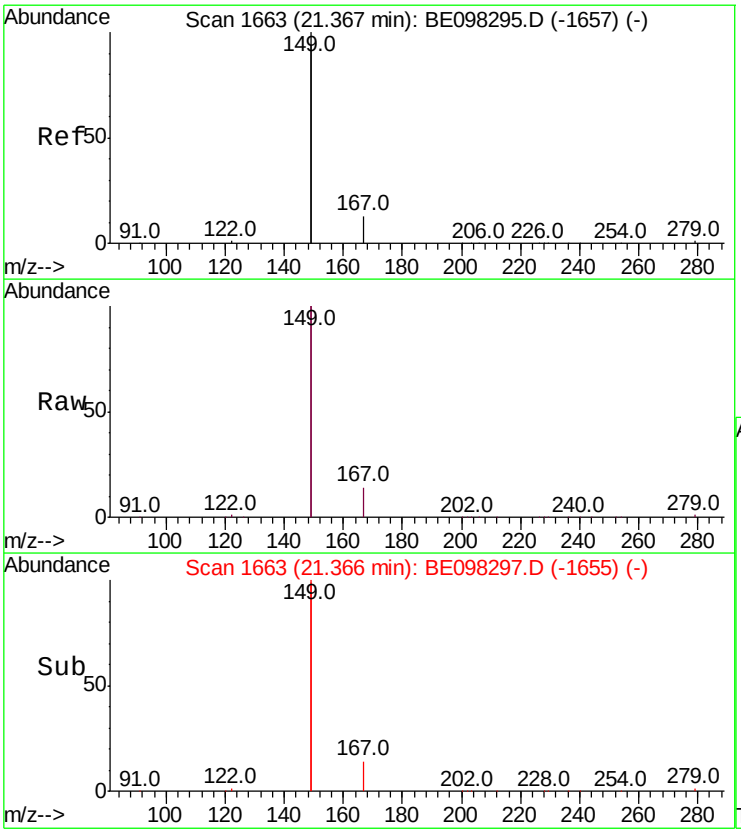
#31
Chrysene
Concen: 1.566 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 63177

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	19.3	16.2	24.4

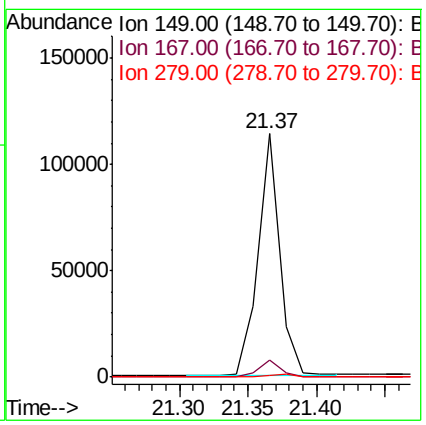


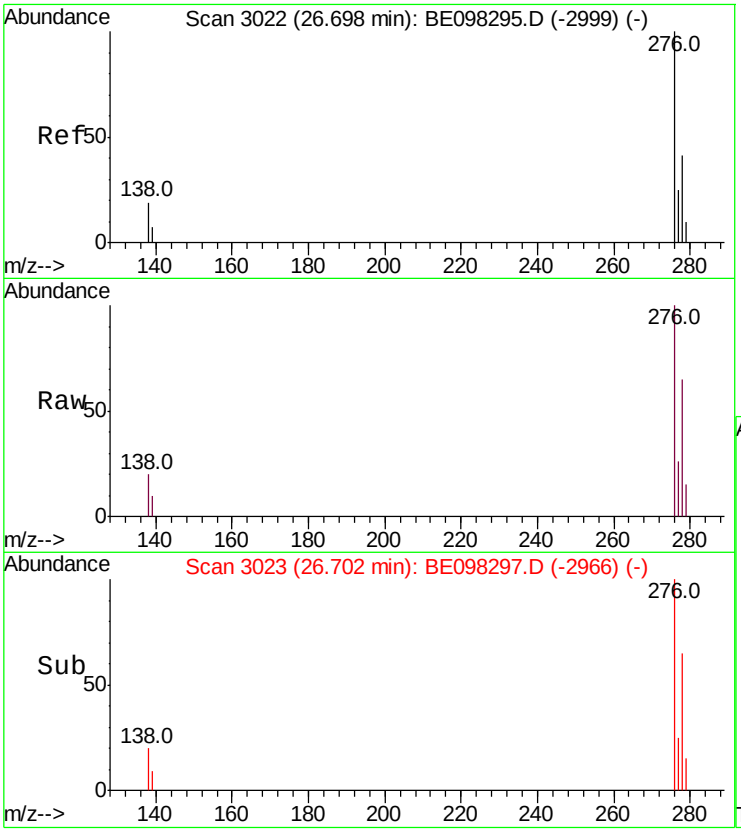


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.309 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:149 Resp: 124526

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.0	1.0	1.4



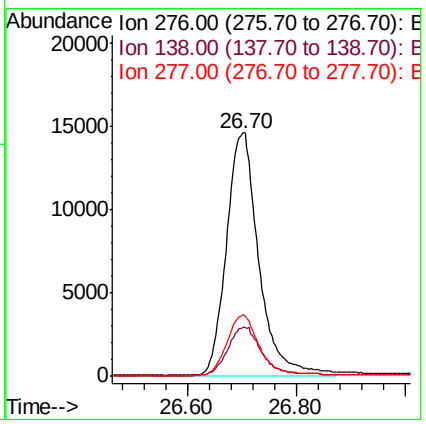


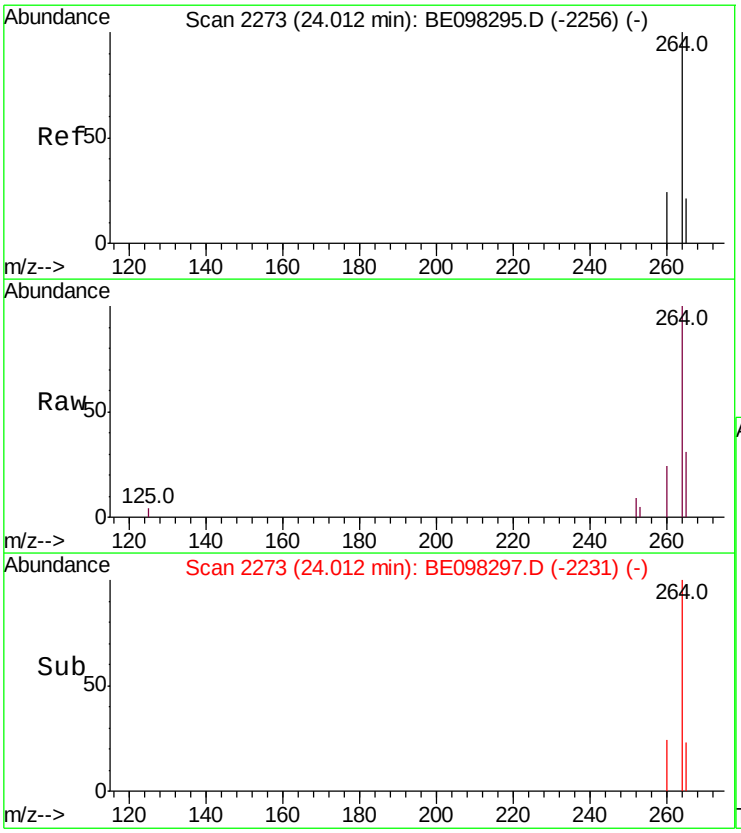
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.481 ng
RT: 26.70 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 60394

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.3	24.5
277	24.9	20.2	30.4

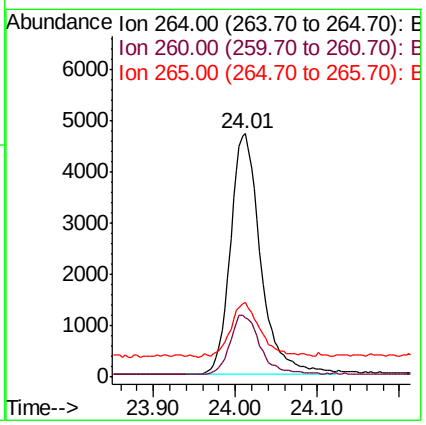


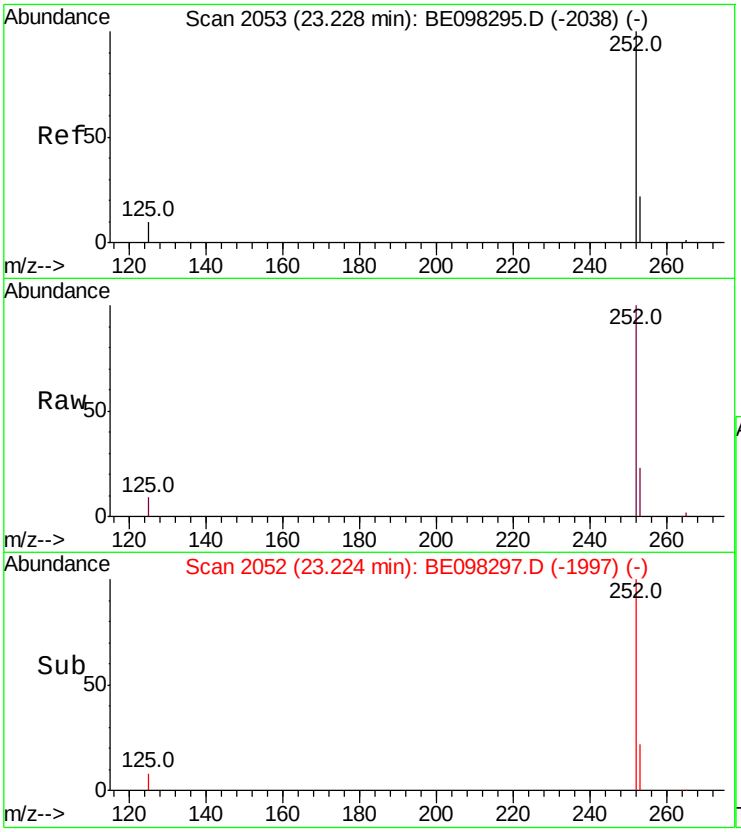


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:264 Resp: 11986

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	30.6	25.2	37.8



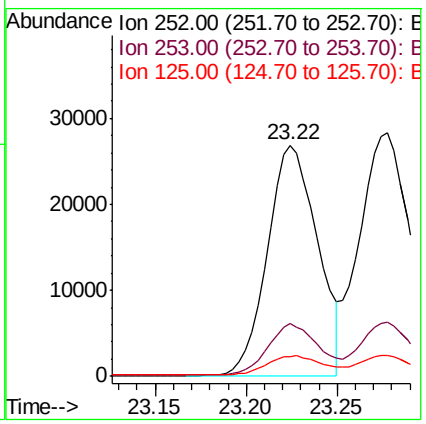


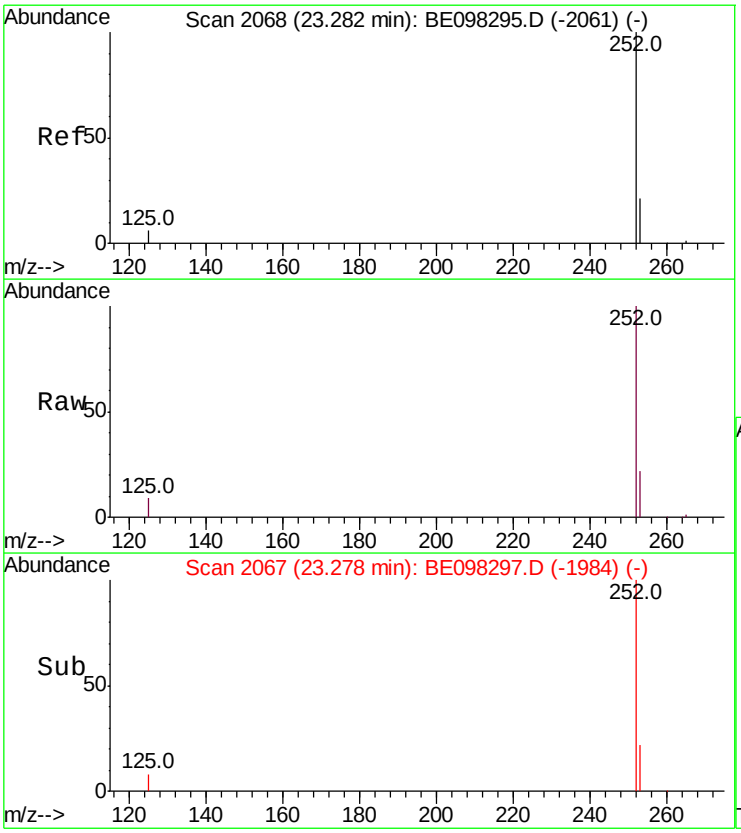
#35
Benzo(b)fluoranthene
Concen: 1.450 ng
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 50961

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.0	30.0
125	8.8	9.6	14.4#

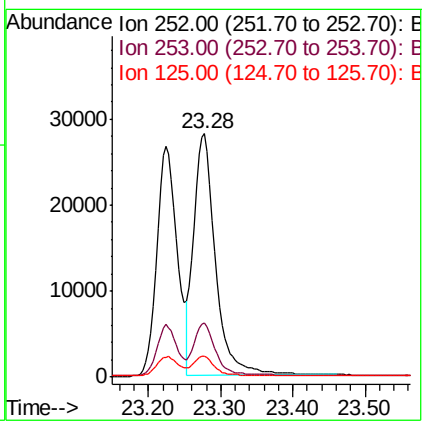


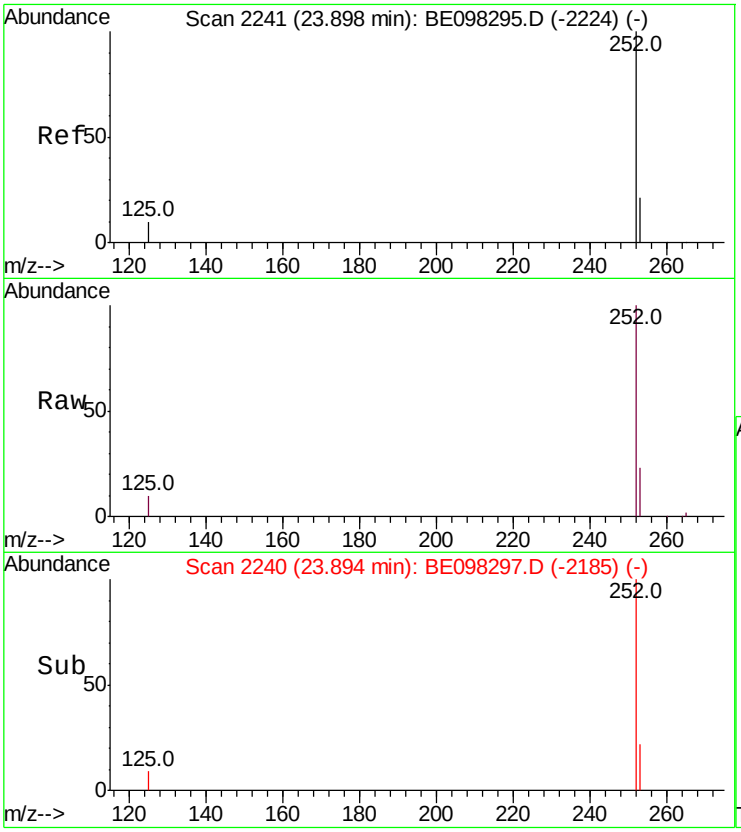


#36
Benzo(k)fluoranthene
Concen: 1.620 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:252 Resp: 59768

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	8.8	9.1	13.7#



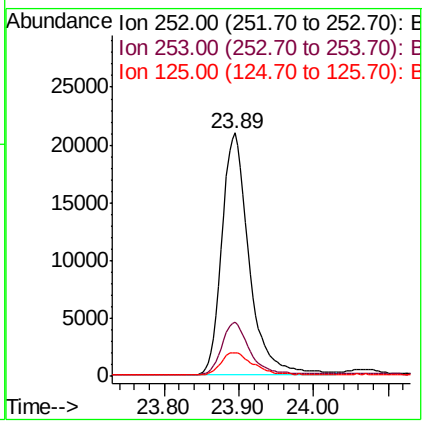


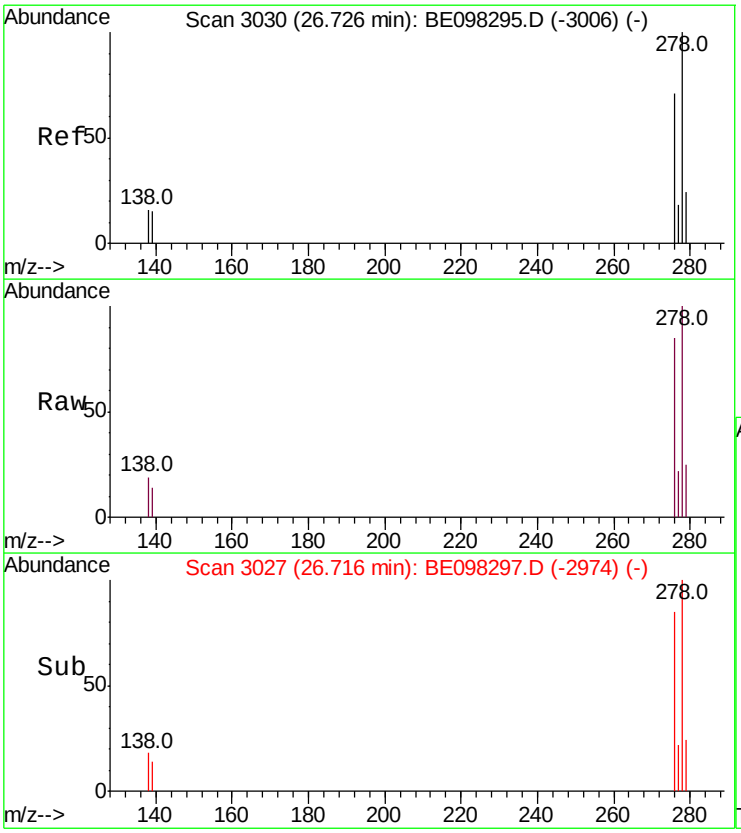
#37
Benzo(a)pyrene
Concen: 1.556 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 52672

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.6	30.8
125	9.7	10.5	15.7#

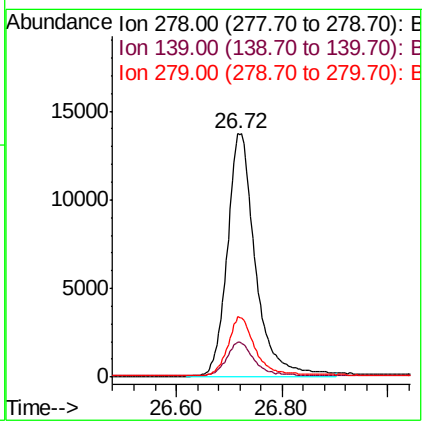


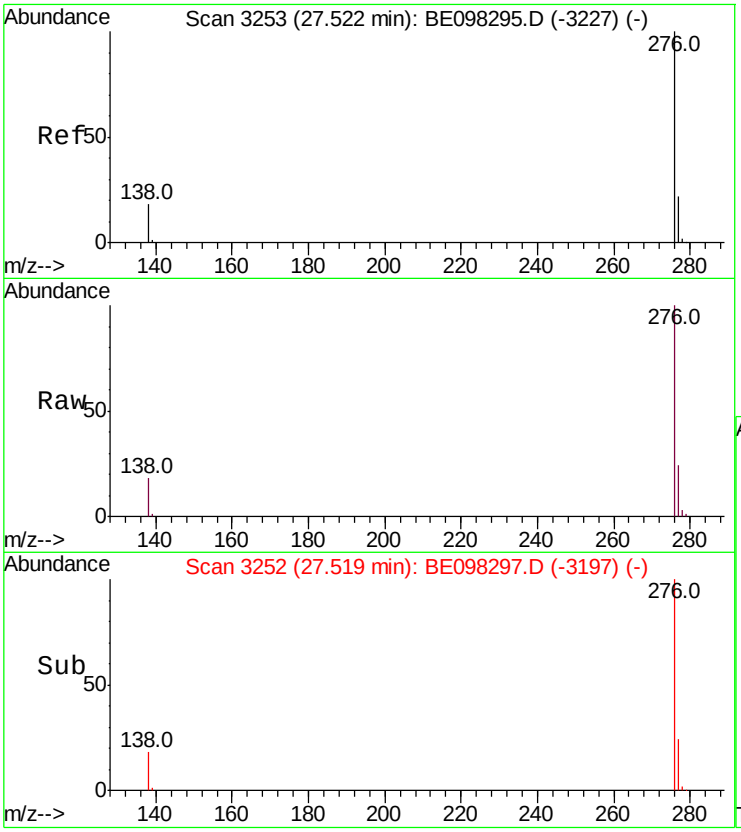


#38
Dibenzo(a,h)anthracene
Concen: 1.574 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Tgt Ion:278 Resp: 50528

Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.5	21.7#
279	24.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 1.591 ng
RT: 27.52 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BE098297.D
Acq: 10 Dec 2018 13:42

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 51178

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.8	31.2
138	18.2	15.8	23.6