Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
Data File : BE098543.D
Acq On : 20 Dec 2018 17:35
Operator : SJ/JU
Sample : PB115586BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115810BS

Quant Time: Dec 21 05:03:17 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	612	0.40	ng		-0.01
7) Naphthalene-d8	10.65	136	2799	0.40	ng		-0.01
13) Acenaphthene-d10	14.52	164	2191	0.40	ng		-0.01
19) Phenanthrene-d10	17.26	188	6646	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	9359	0.40	ng		-0.01
34) Perylene-d12	23.99	264	7616	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	618	0.43	ng		0.00
5) Phenol-d6	7.03	99	947	0.47	ng		-0.01
8) Nitrobenzene-d5	9.02	82	853	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2014	0.44	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	389	0.48	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	3366	0.36	ng		-0.01
25) Fluoranthene-d10	19.29	212	39183	0.46	ng		-0.02
29) Terphenyl-d14	19.89	244	7992	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	506	0.478	ng		90
3) n-Nitrosodimethylamine	3.69	42	278	0.292	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	702	0.364	ng		84
9) Naphthalene	10.69	128	12151	0.431	ng		98
10) Hexachlorobutadiene	10.98	225	774	0.432	ng		94
12) 2-Methylnaphthalene	12.33	142	1994	0.436	ng		97
16) Acenaphthylene	14.23	152	3774	0.368	ng		99
17) Acenaphthene	14.57	154	2500	0.405	ng		99
18) Fluorene	15.55	166	3499	0.424	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1302	0.364	ng		87
21) Hexachlorobenzene	16.57	284	1628	0.423	ng		98
22) Pentachlorophenol	16.93	266	422	0.630	ng		95
23) Phenanthrene	17.30	178	6542	0.405	ng		99
24) Anthracene	17.40	178	5268	0.366	ng		99
26) Fluoranthene	19.33	202	9660	0.452	ng		98
28) Pyrene	19.69	202	10188	0.347	ng		99
30) Benzo(a)anthracene	21.43	228	10423	0.391	ng		99
31) Chrysene	21.49	228	11032	0.395	ng		99
32) Bis(2-ethylhexyl)phthalate	21.35	149	19496	0.360	ng		99
33) Indeno(1,2,3-cd)pyrene	26.66	276	9299	0.335	ng		99
35) Benzo(b)fluoranthene	23.21	252	9128	0.438	ng		99
36) Benzo(k)fluoranthene	23.21	252	9128	0.376	ng		99
37) Benzo(a)pyrene	23.87	252	8669	0.403	ng		97
38) Dibenzo(a,h)anthracene	26.68	278	7724	0.382	ng		98
39) Benzo(g,h,i)perylene	27.48	276	7916	0.388	ng		98

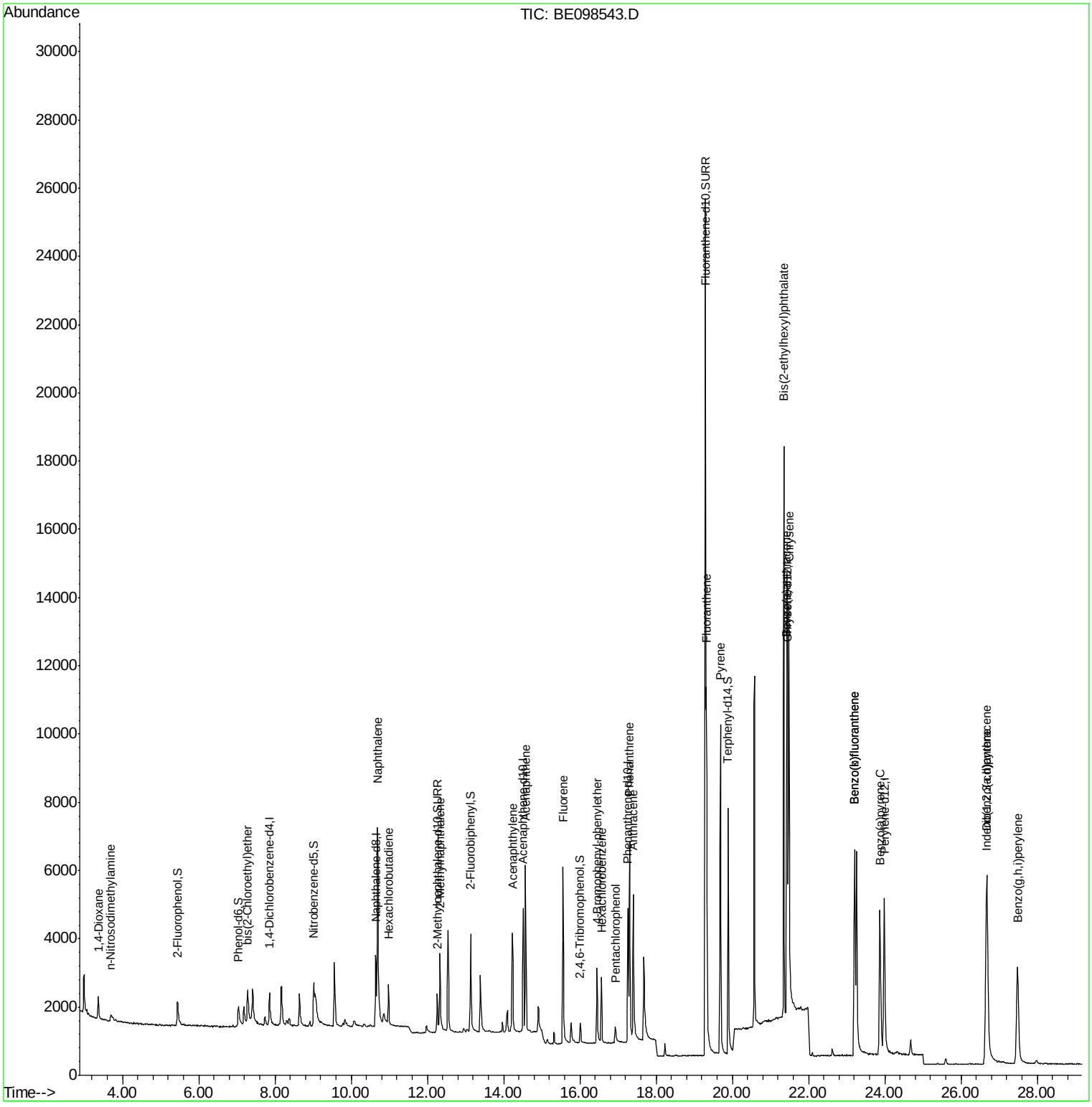
(#) = qualifier out of range (m) = manual integration (+) = signals summed

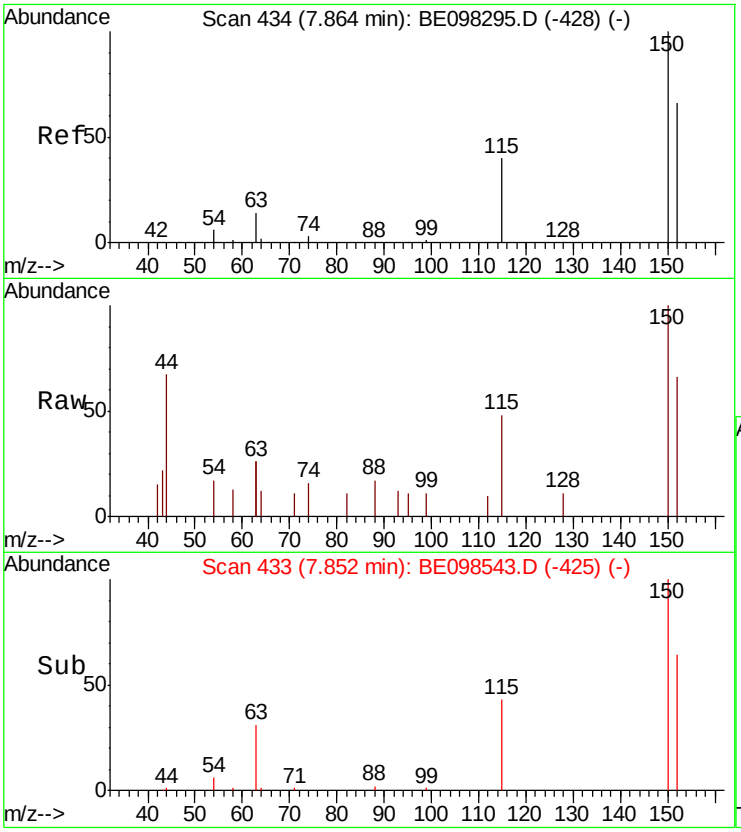
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
Data File : BE098543.D
Acq On : 20 Dec 2018 17:35
Operator : SJ/JU
Sample : PB115586BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Quant Time: Dec 21 05:03:17 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



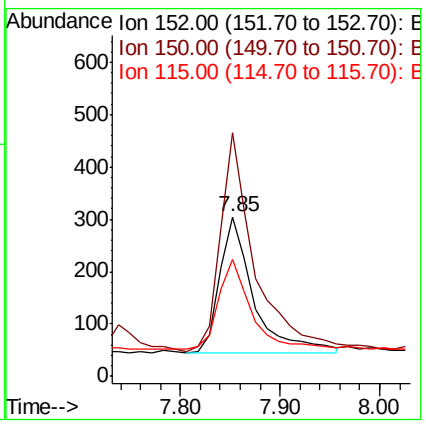


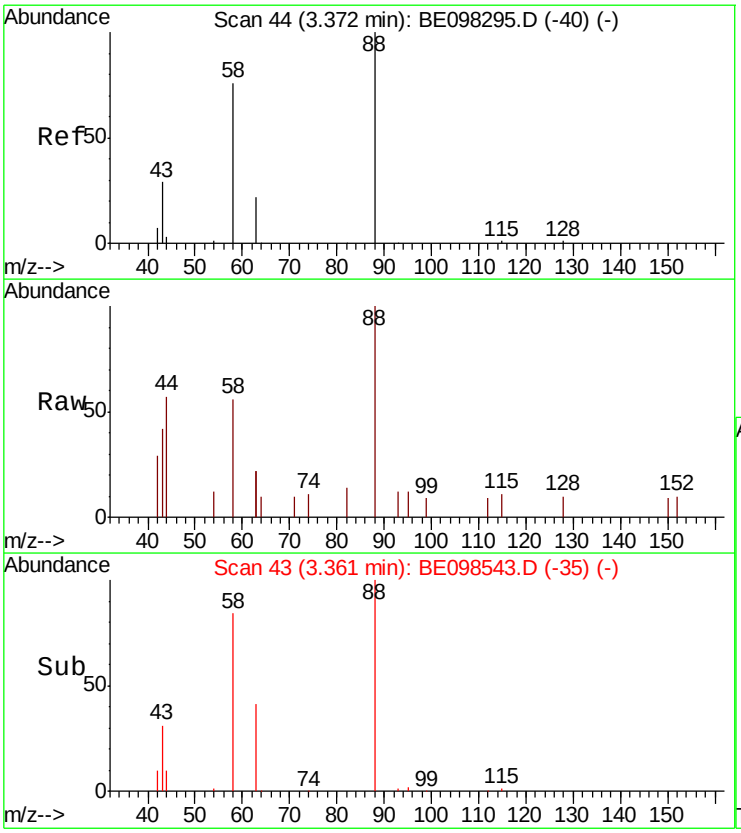
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:152 Resp: 612

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.4
115	73.4	53.9	80.9

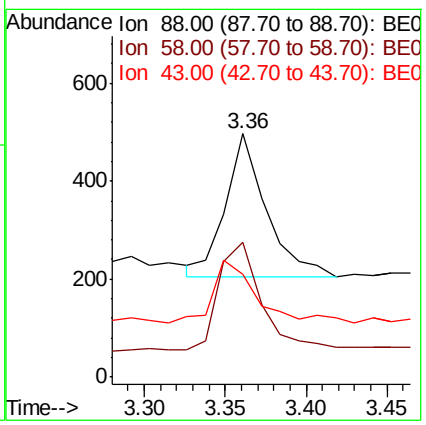


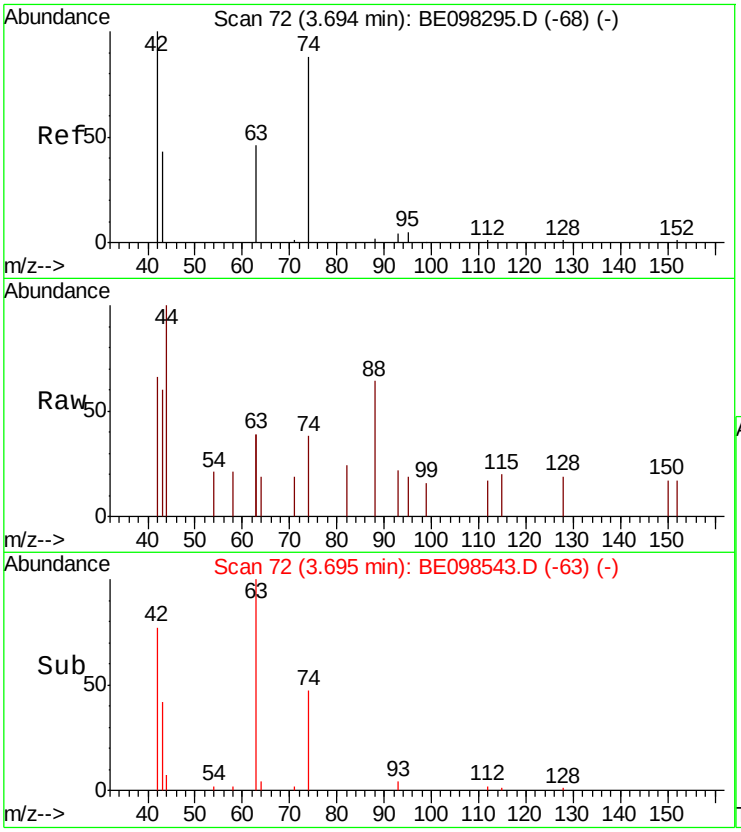


#2
1,4-Dioxane
Concen: 0.478 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion: 88 Resp: 506

Ion	Ratio	Lower	Upper
88	100		
58	80.2	75.0	112.6
43	48.4	38.3	57.5



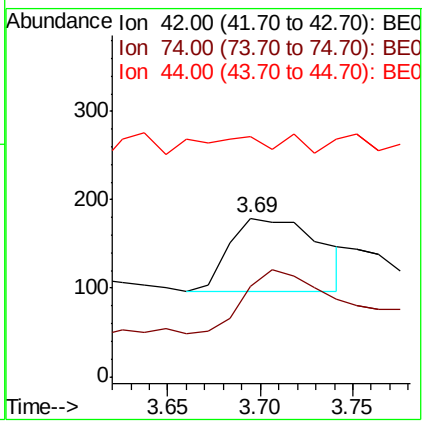


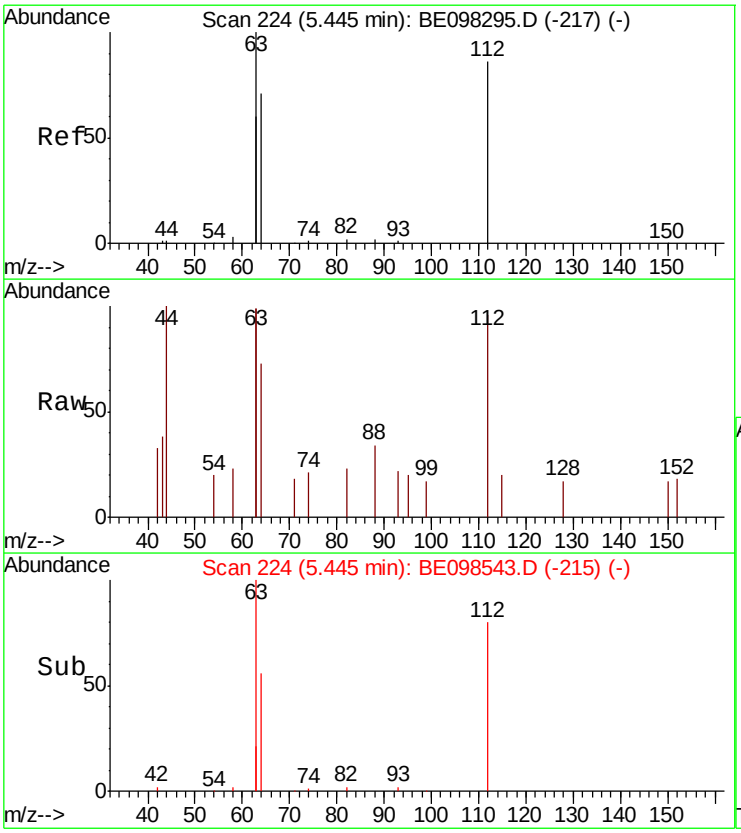
#3
n-Nitrosodimethylamine
Concen: 0.292 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion: 42 Resp: 278

Ion	Ratio	Lower	Upper
42	100		
74	74.5	0.0	0.0#
44	18.3	0.0	0.0#

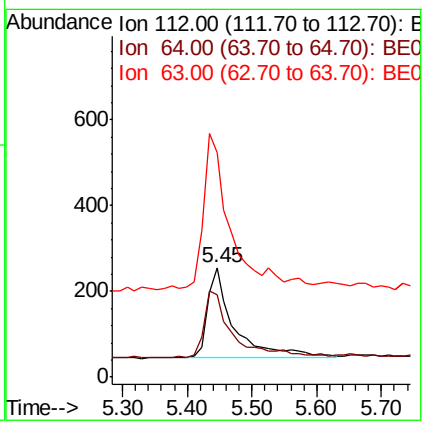


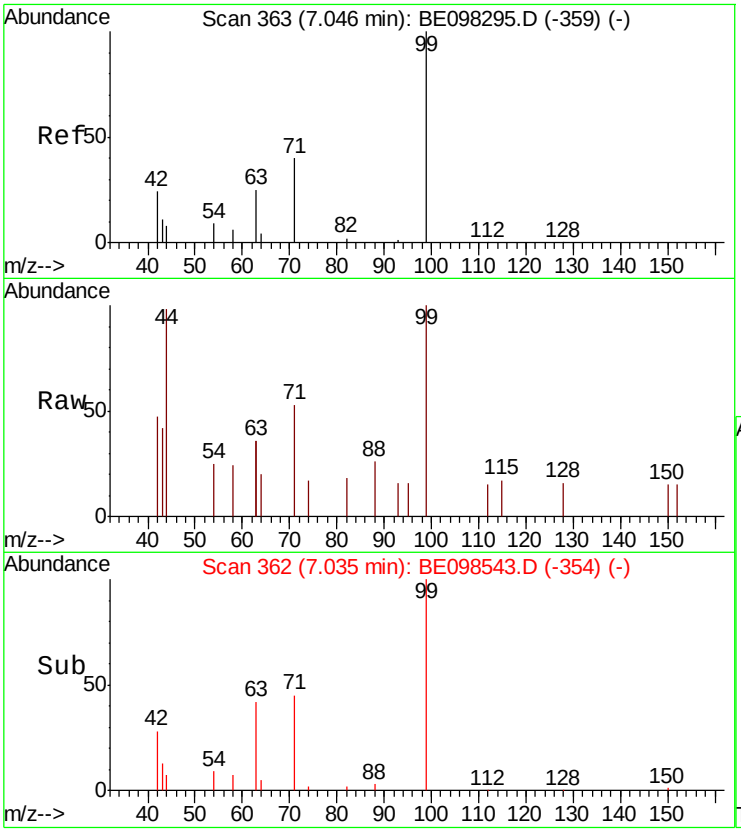


#4
2-Fluorophenol
Concen: 0.431 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:112 Resp: 618

Ion	Ratio	Lower	Upper
112	100		
64	79.1	59.8	89.8
63	167.0	133.7	200.5



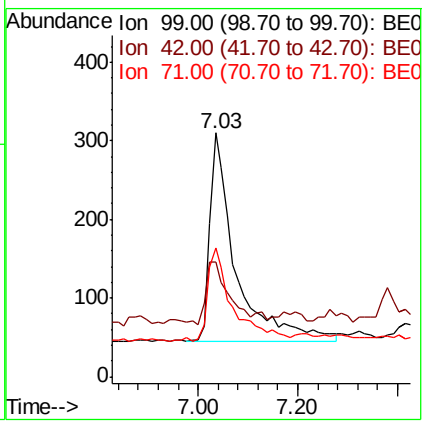


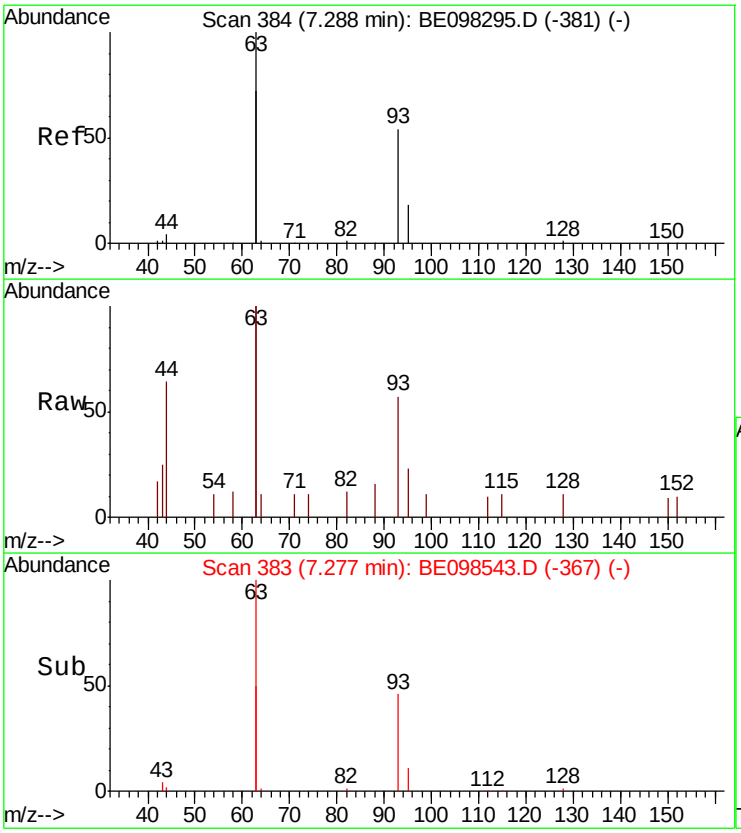
#5
Phenol-d6
Concen: 0.467 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion: 99 Resp: 947

Ion	Ratio	Lower	Upper
99	100		
42	26.4	26.3	39.5
71	42.3	33.6	50.4

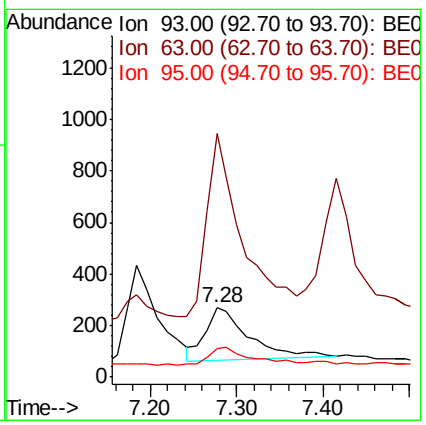


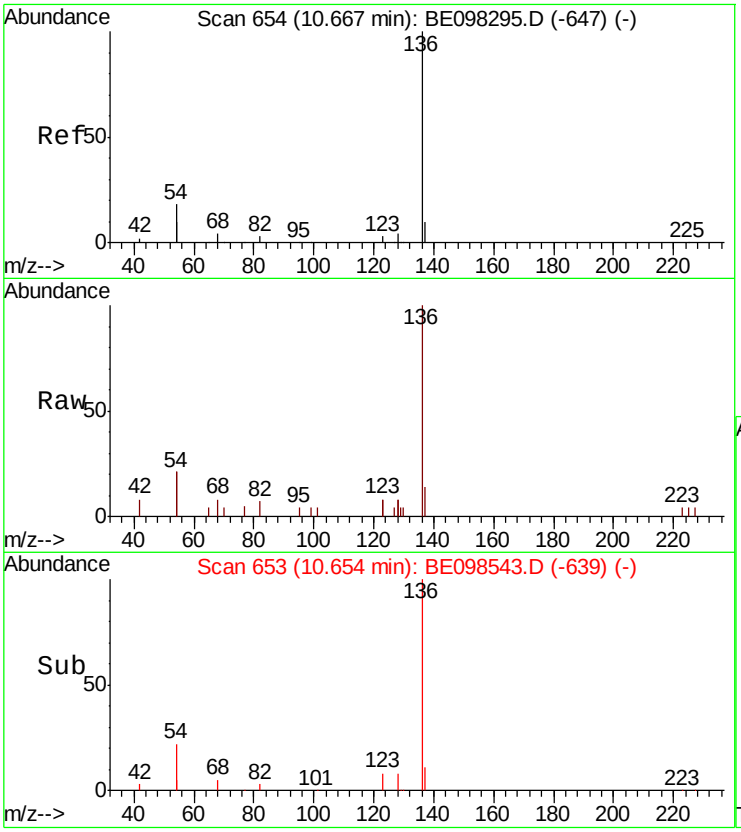


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion: 93 Resp: 702

Ion	Ratio	Lower	Upper
93	100		
63	292.7	264.4	396.6
95	33.0	26.6	40.0



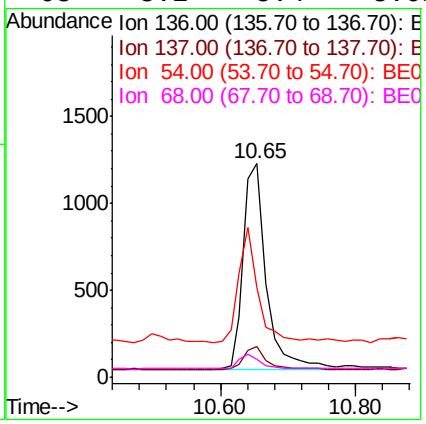


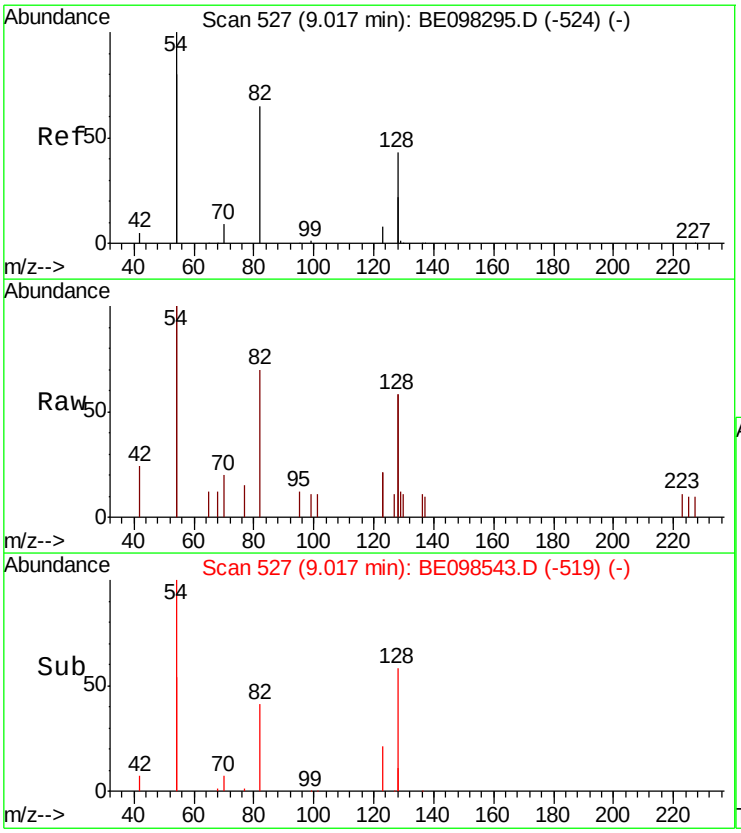
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:136 Resp: 2799

Ion	Ratio	Lower	Upper
136	100		
137	14.5	9.2	13.8#
54	42.1	28.4	42.6
68	8.2	5.4	8.0#

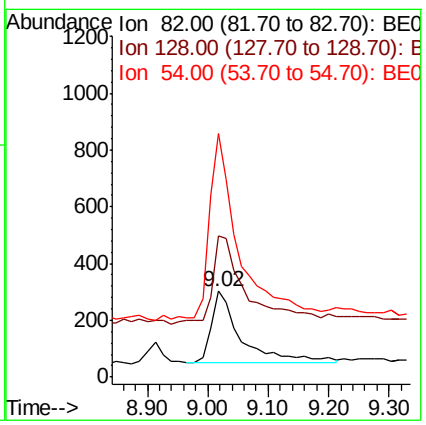


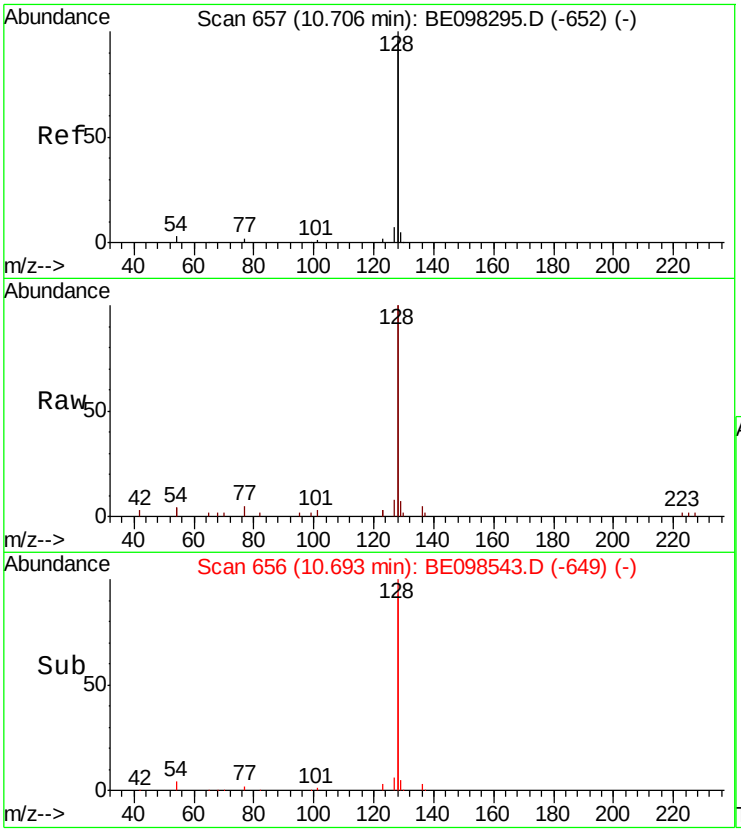


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion: 82 Resp: 853

Ion	Ratio	Lower	Upper
82	100		
128	164.2	102.4	153.6#
54	284.1	221.8	332.8



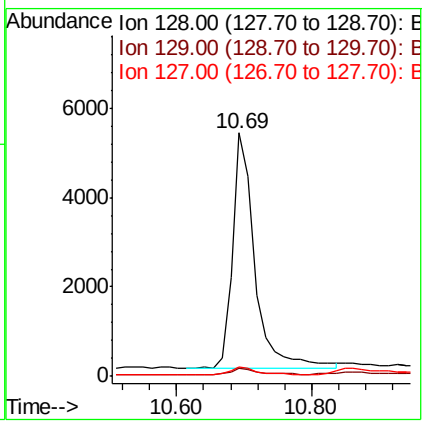


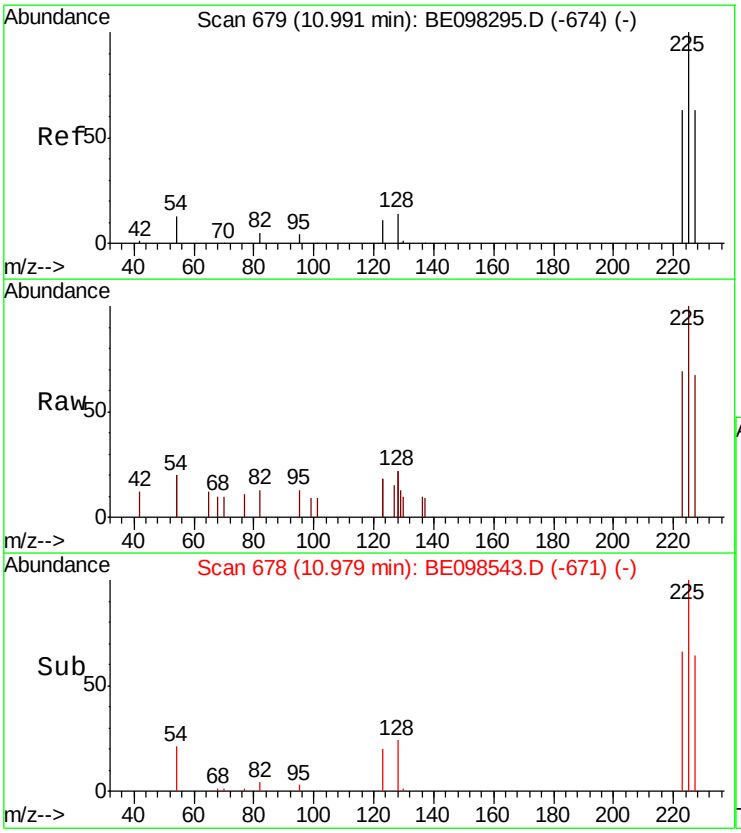
#9
Naphthalene
Concen: 0.431 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:128 Resp: 12151

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.5	3.7
127	4.0	2.7	4.1

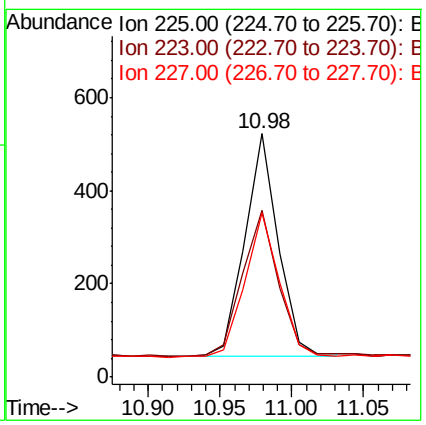


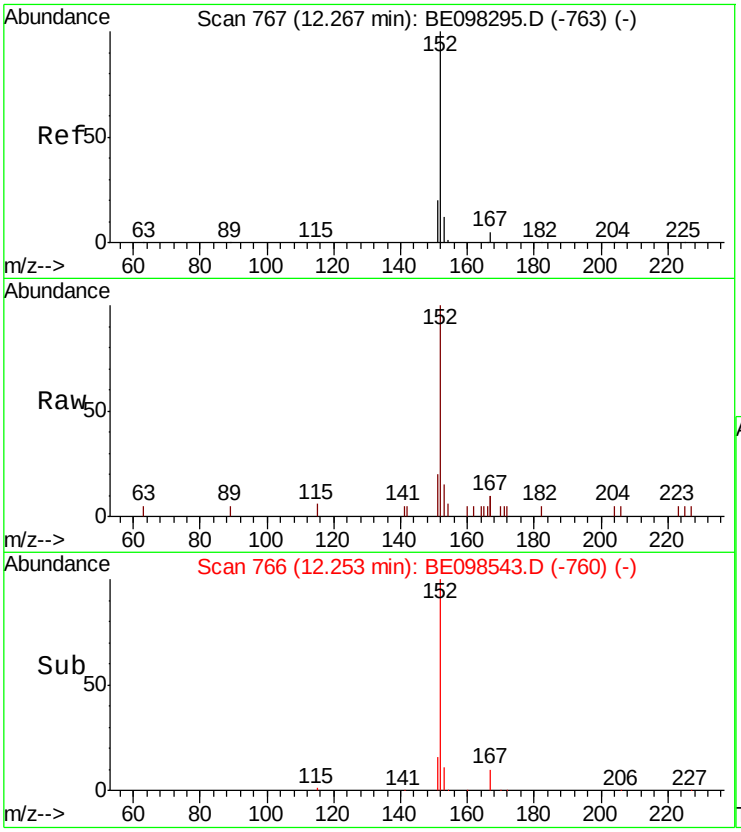


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:225 Resp: 774

Ion	Ratio	Lower	Upper
225	100		
223	70.0	49.4	74.0
227	66.5	52.0	78.0



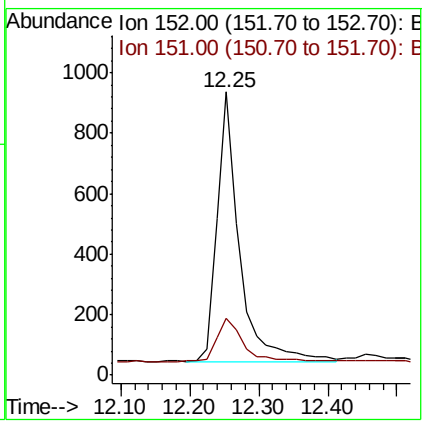


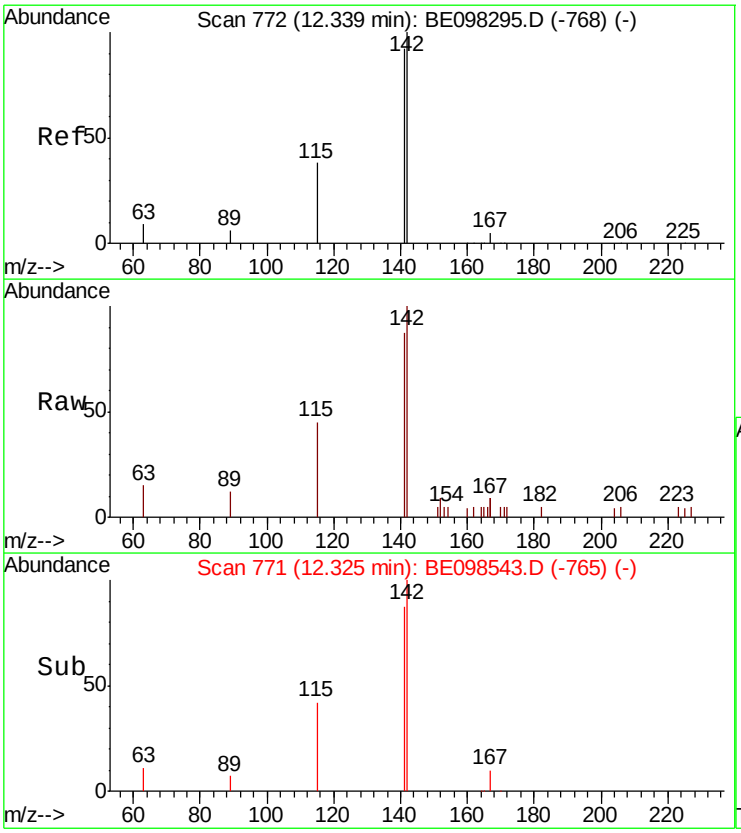
#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:152 Resp: 2014

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

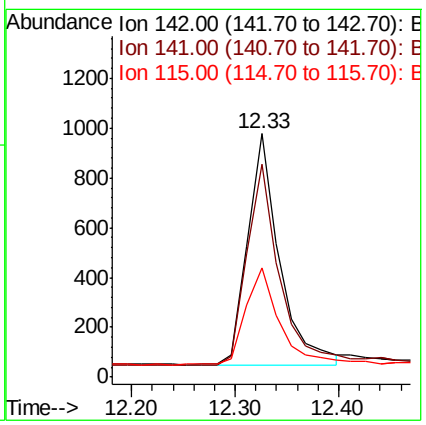


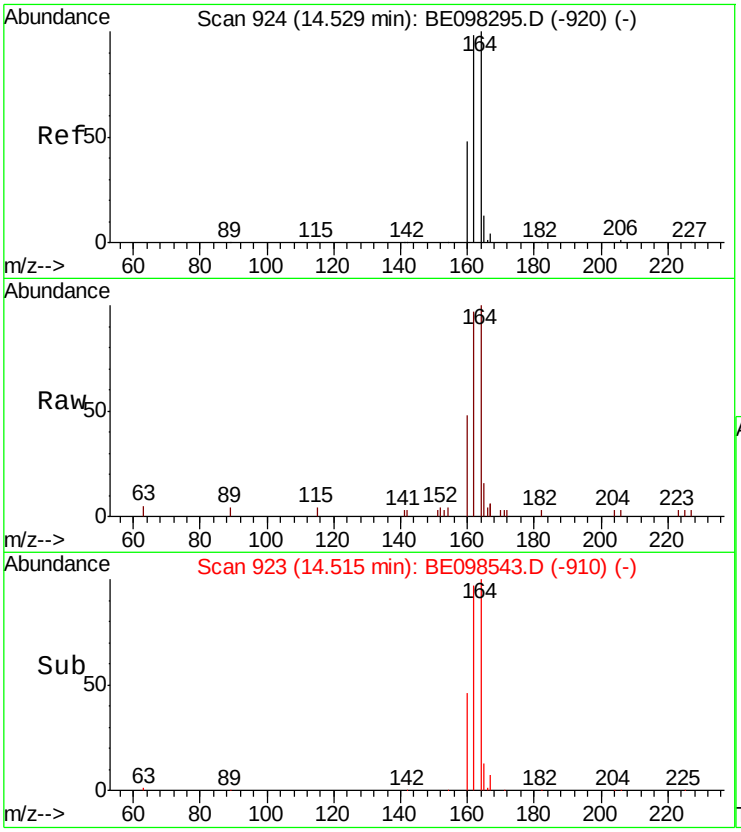


#12
2-Methylnaphthalene
Concen: 0.436 ng
RT: 12.33 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:142 Resp: 1994

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	44.7	32.2	48.2



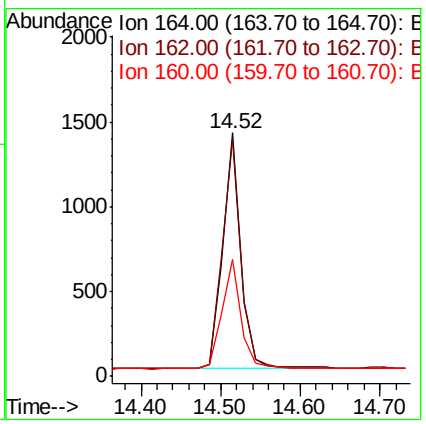


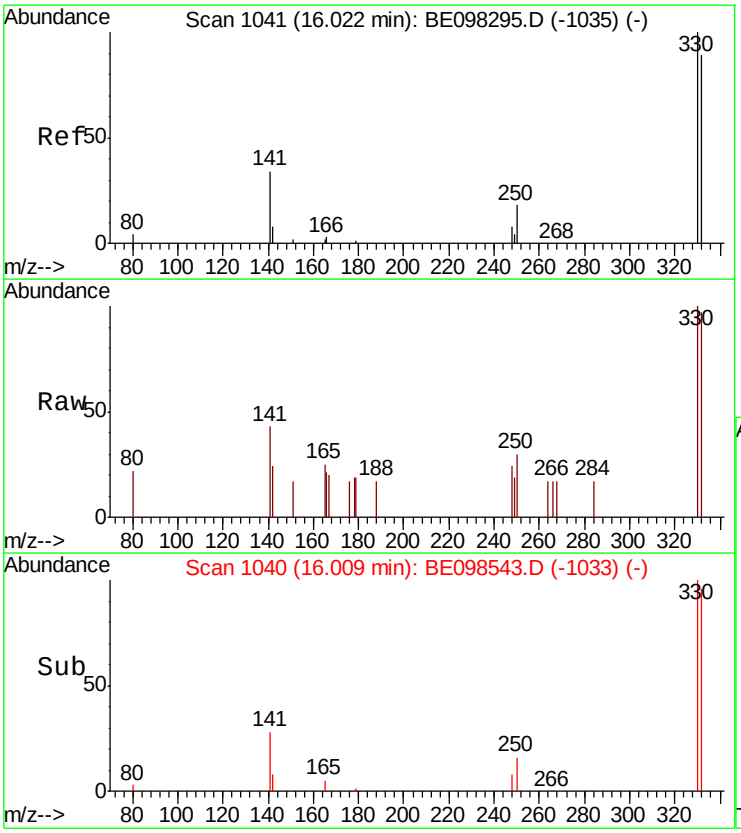
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:164 Resp: 2191

Ion	Ratio	Lower	Upper
164	100		
162	97.5	77.6	116.4
160	47.8	36.0	54.0

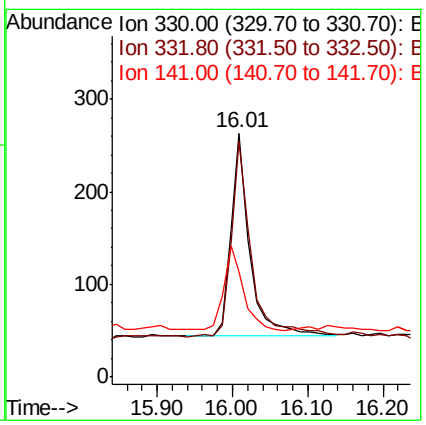


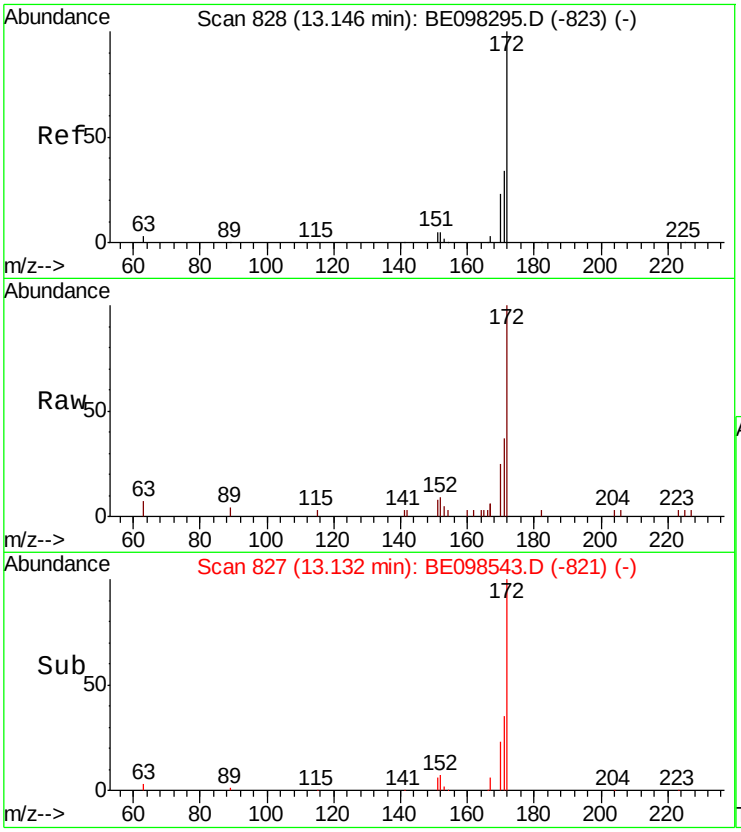


#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:330 Resp: 389

Ion	Ratio	Lower	Upper
330	100		
332	103.9	76.2	114.4
141	44.5	39.0	58.4



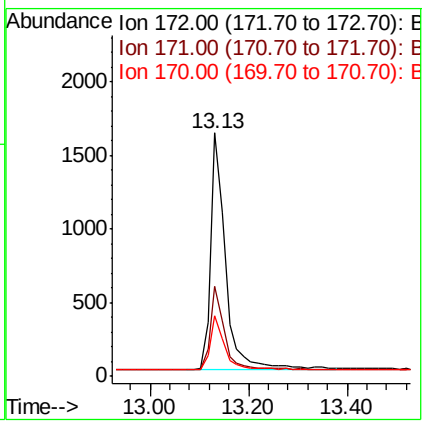


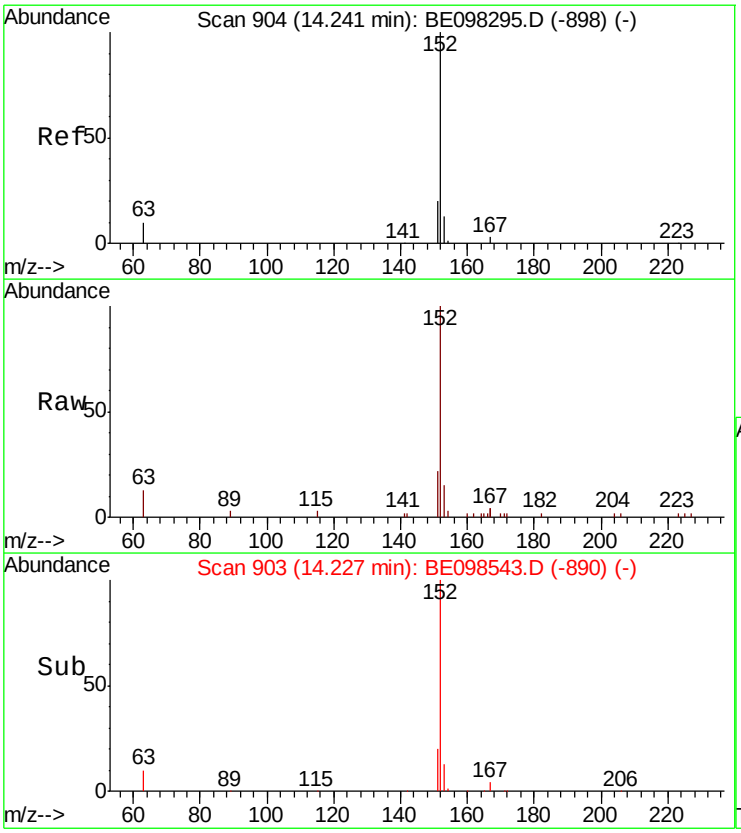
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:172 Resp: 3366

Ion	Ratio	Lower	Upper
172	100		
171	36.8	27.5	41.3
170	25.0	19.6	29.4

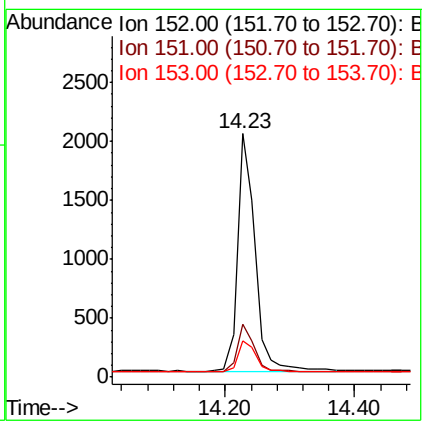


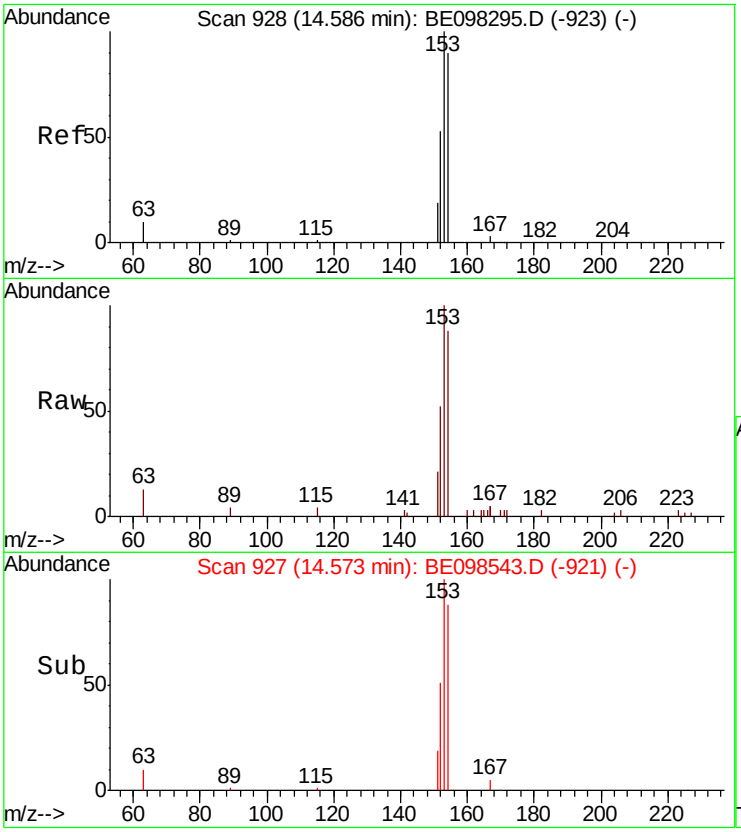


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:152 Resp: 3774

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3
153	13.7	10.6	16.0



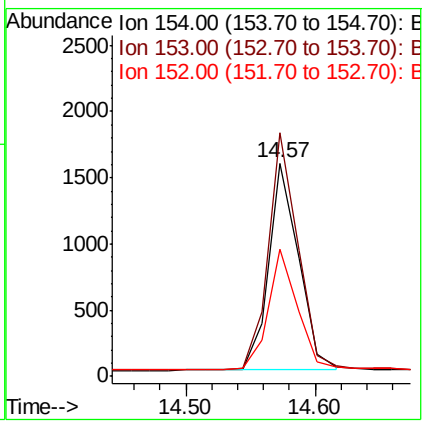


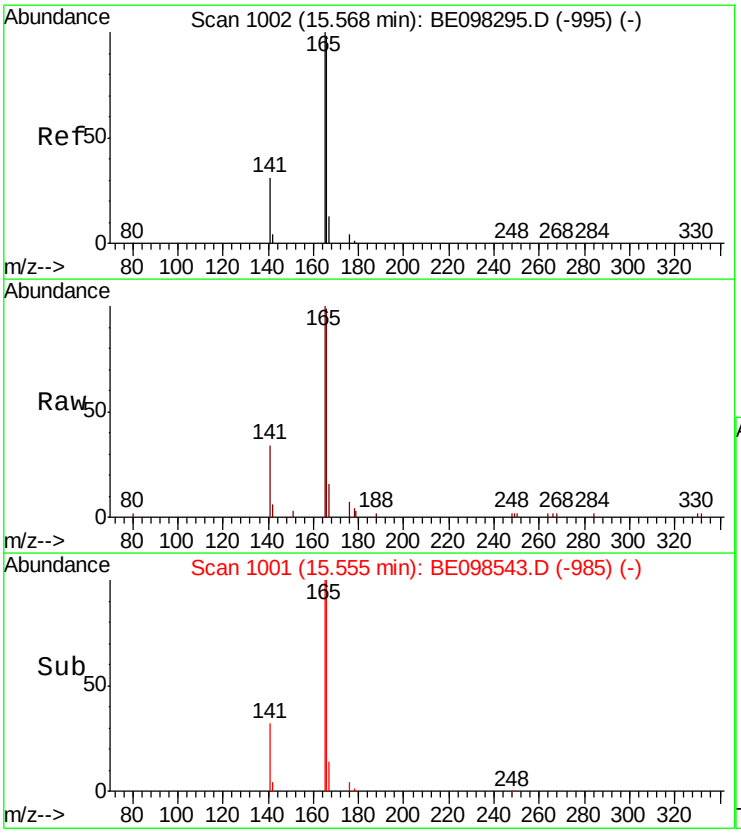
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:154 Resp: 2500

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	57.0	45.5	68.3

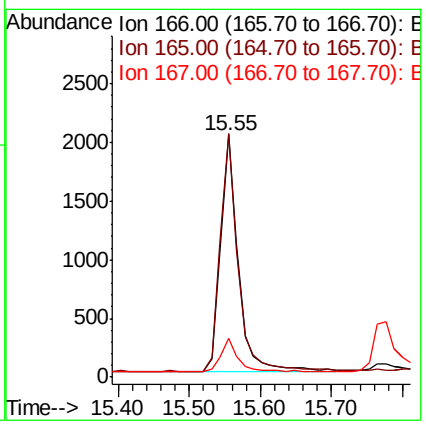


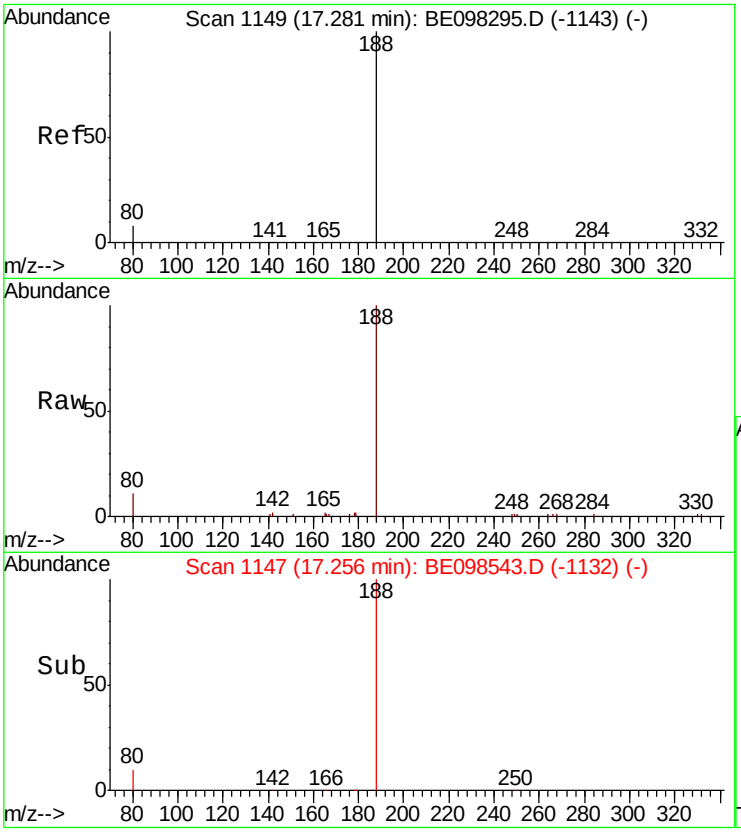


#18
Fluorene
Concen: 0.424 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:166 Resp: 3499

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.5	11.3	16.9



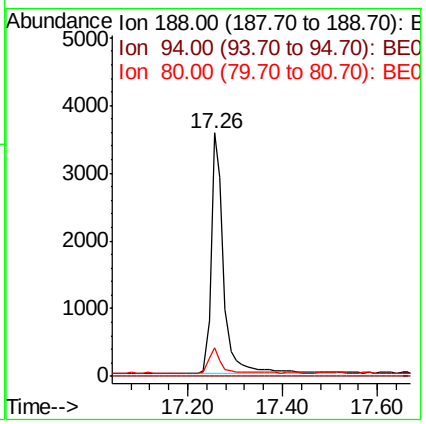


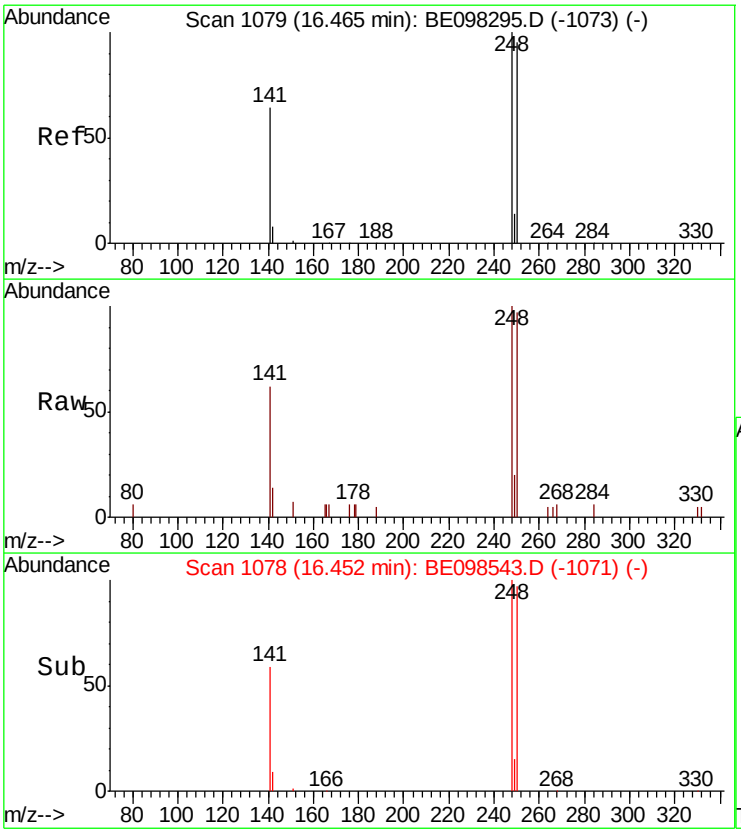
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:188 Resp: 6646

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.2	10.8#

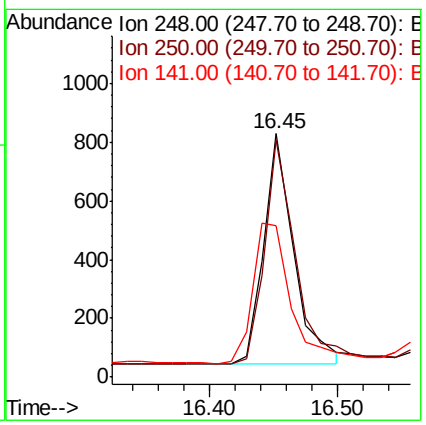


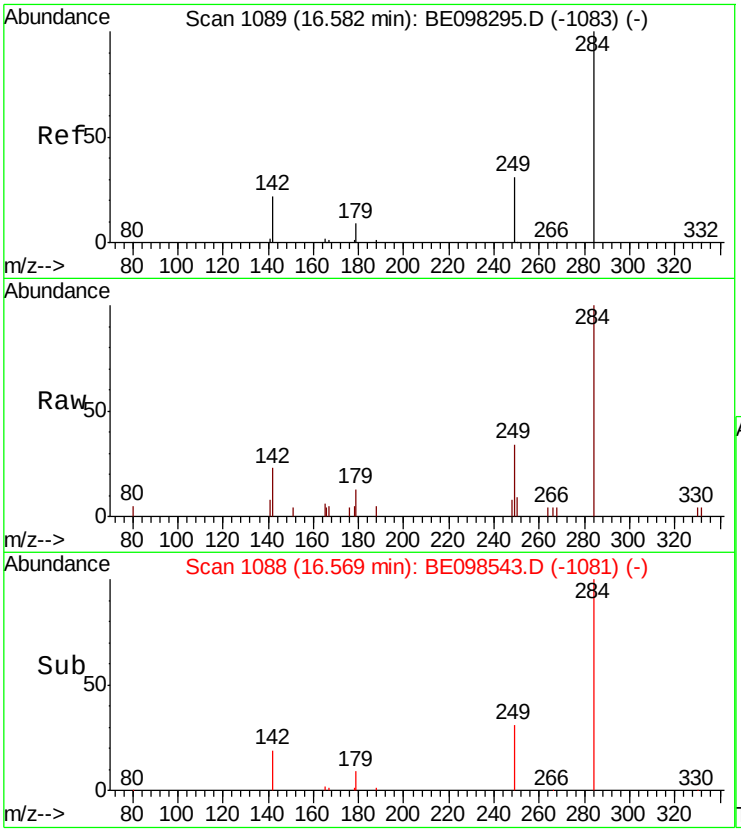


#20
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.45 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:248 Resp: 1302

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



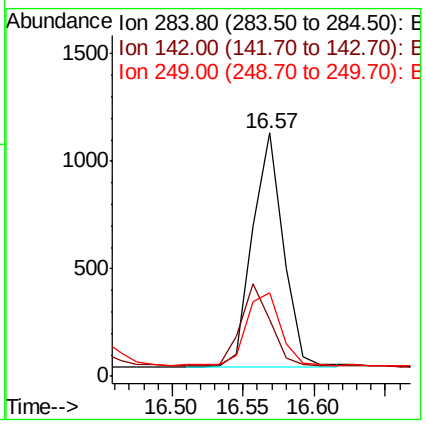


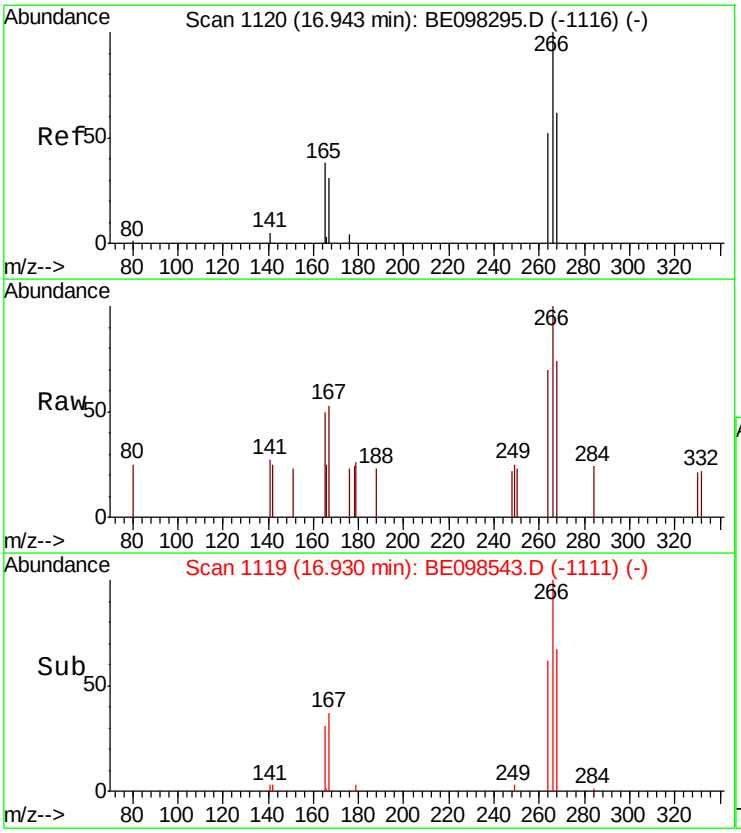
#21
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:284 Resp: 1628

Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.3	39.5
249	33.7	26.0	39.0

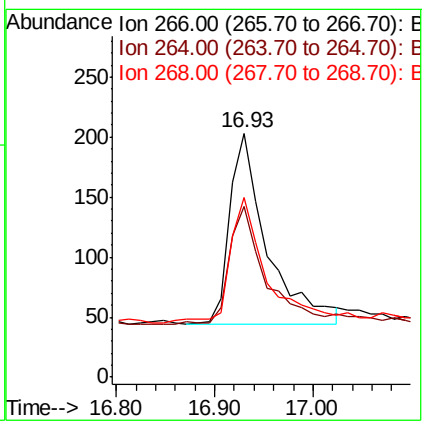


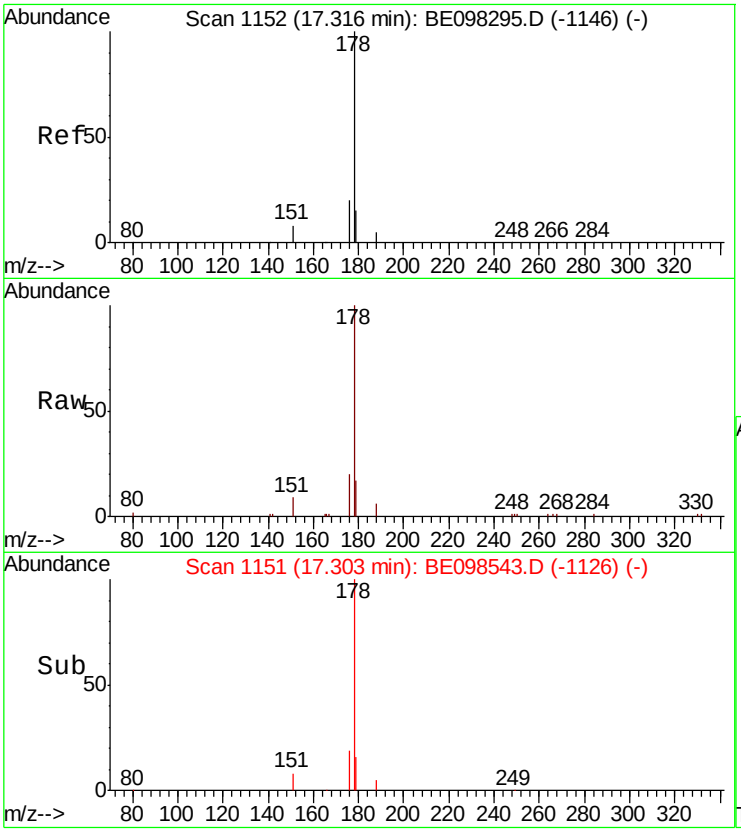


#22
Pentachlorophenol
Concen: 0.630 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:266 Resp: 422

Ion	Ratio	Lower	Upper
266	100		
264	70.0	59.0	88.4
268	73.9	55.1	82.7



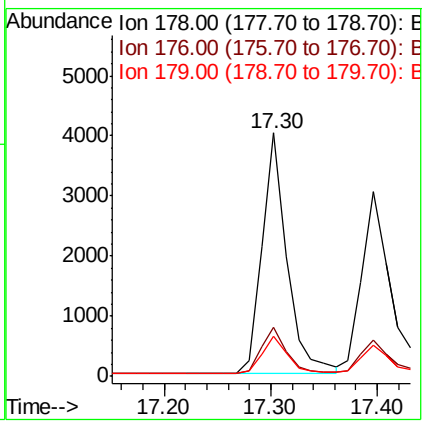


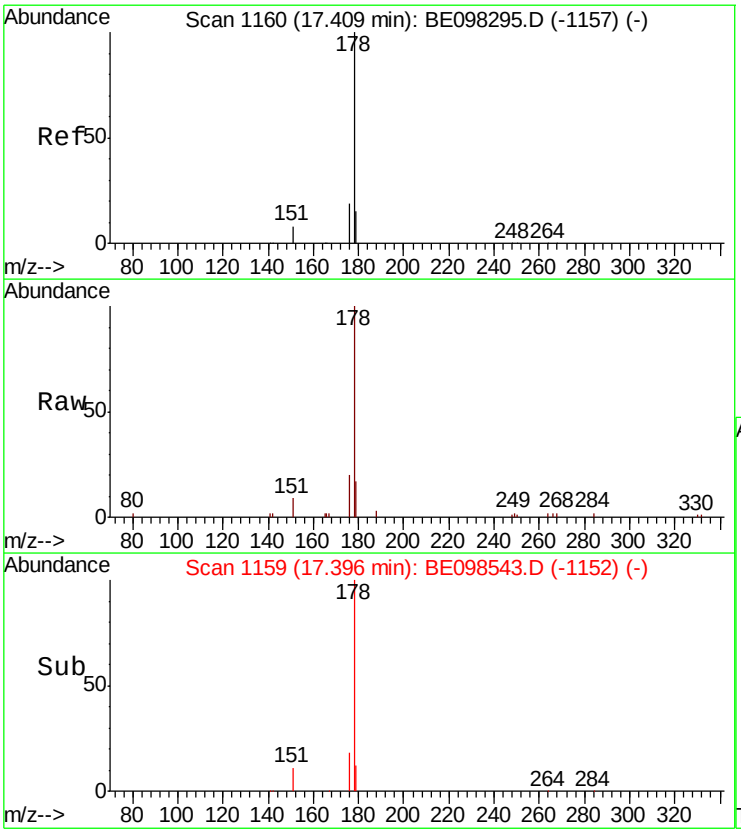
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:178 Resp: 6542

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.9	12.3	18.5

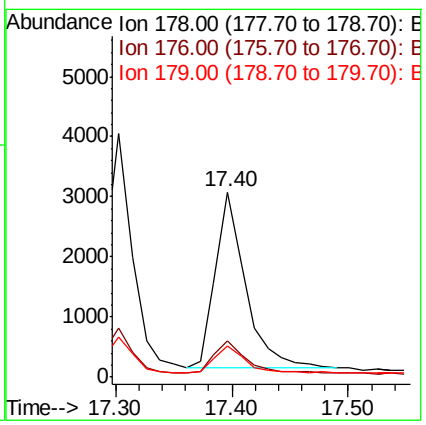


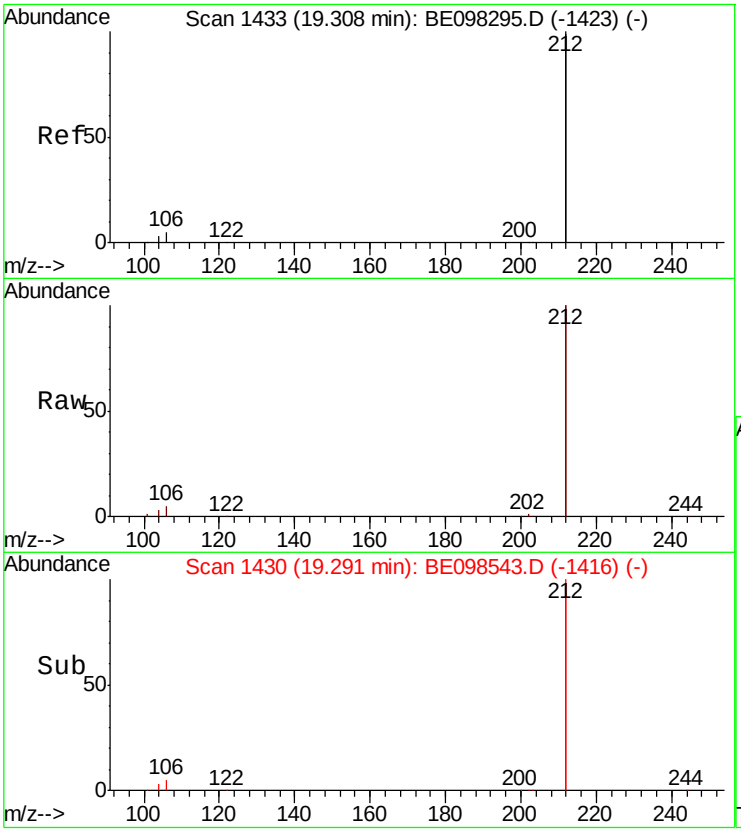


#24
Anthracene
Concen: 0.366 ng
RT: 17.40 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:178 Resp: 5268

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	15.3	12.3	18.5



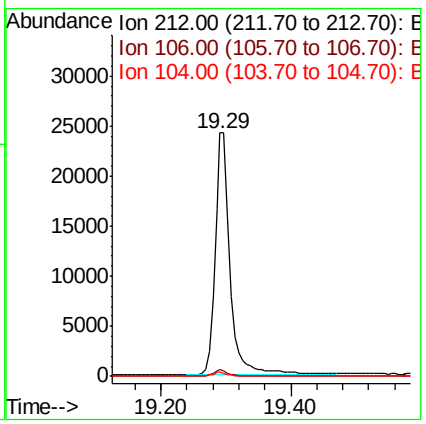


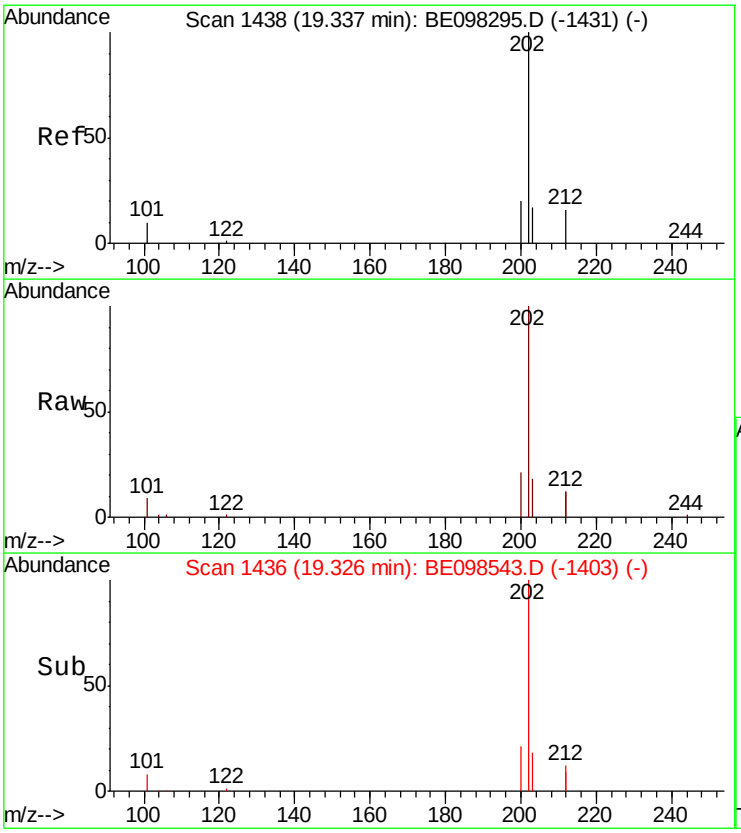
#25
Fluoranthene-d10
Concen: 0.460 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:212 Resp: 39183

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

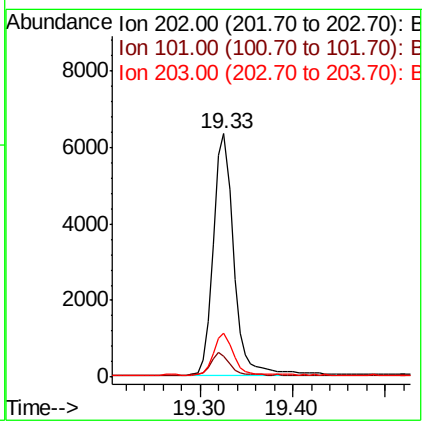


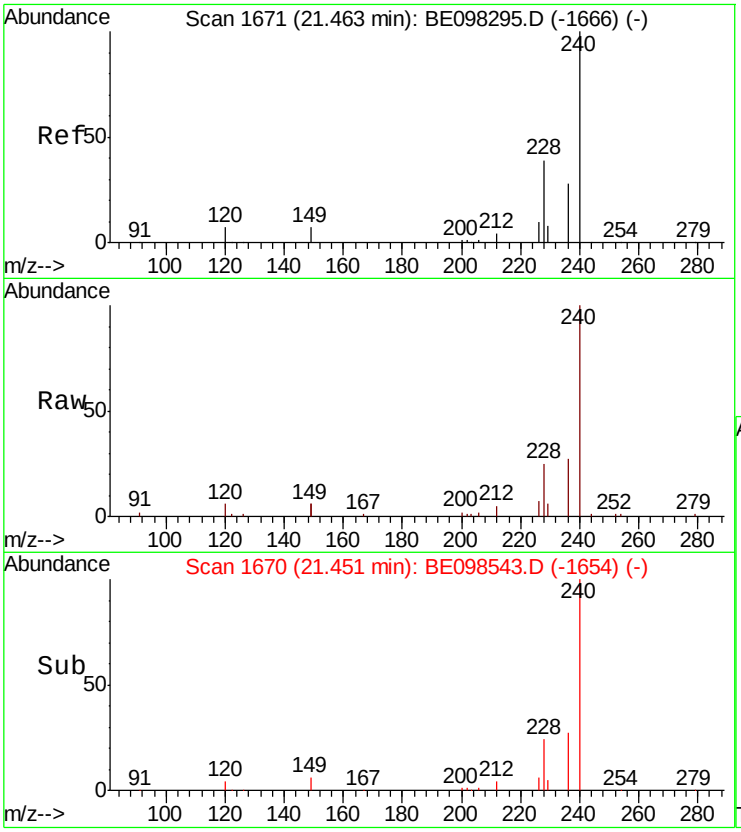


#26
Fluoranthene
Concen: 0.452 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:202 Resp: 9660

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.0	12.0
203	16.6	13.8	20.6



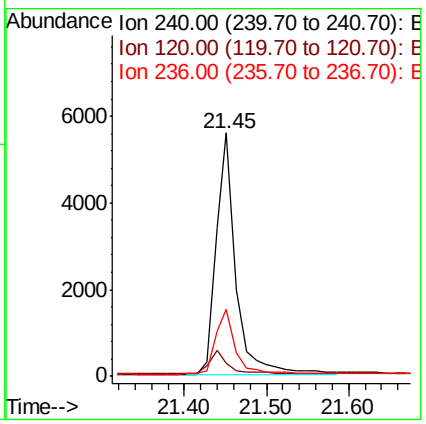


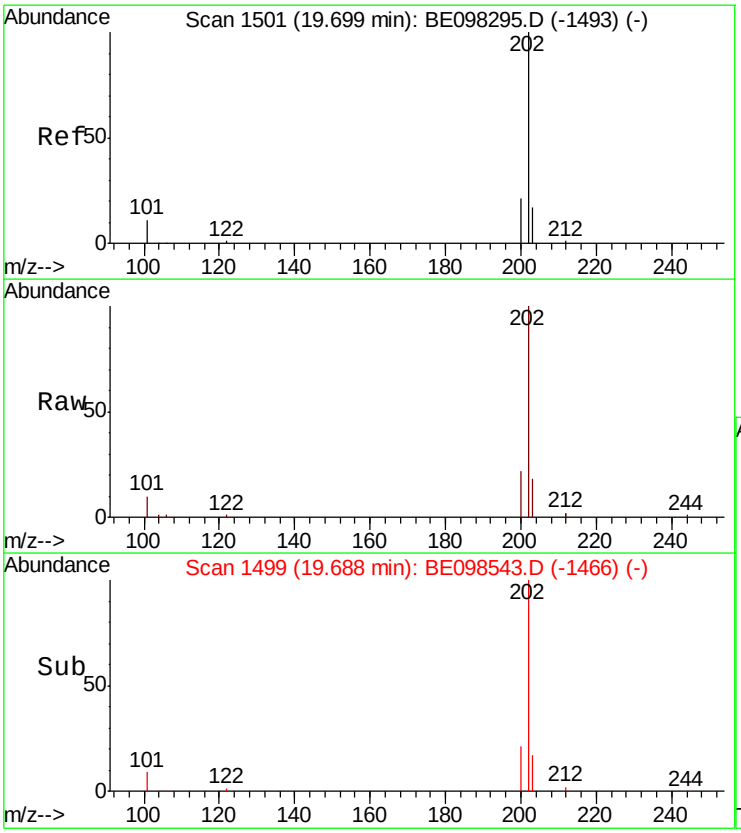
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:240 Resp: 9359

Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	27.3	22.7	34.1

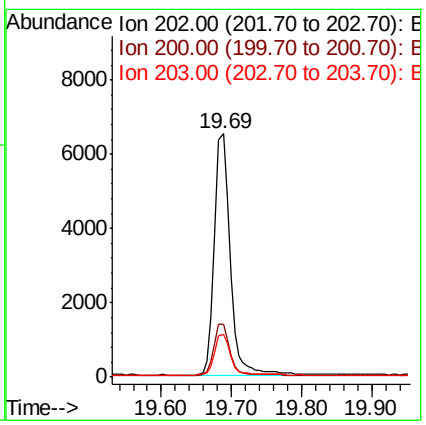


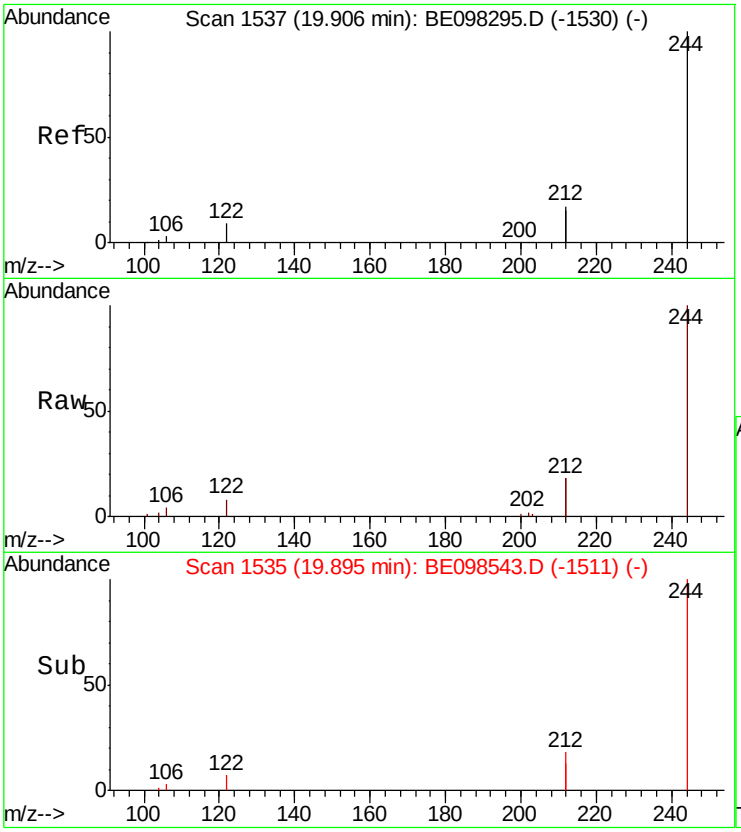


#28
Pyrene
Concen: 0.347 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:202 Resp: 10188

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.0	14.1	21.1



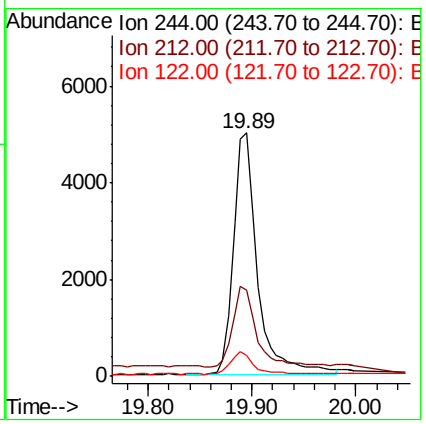


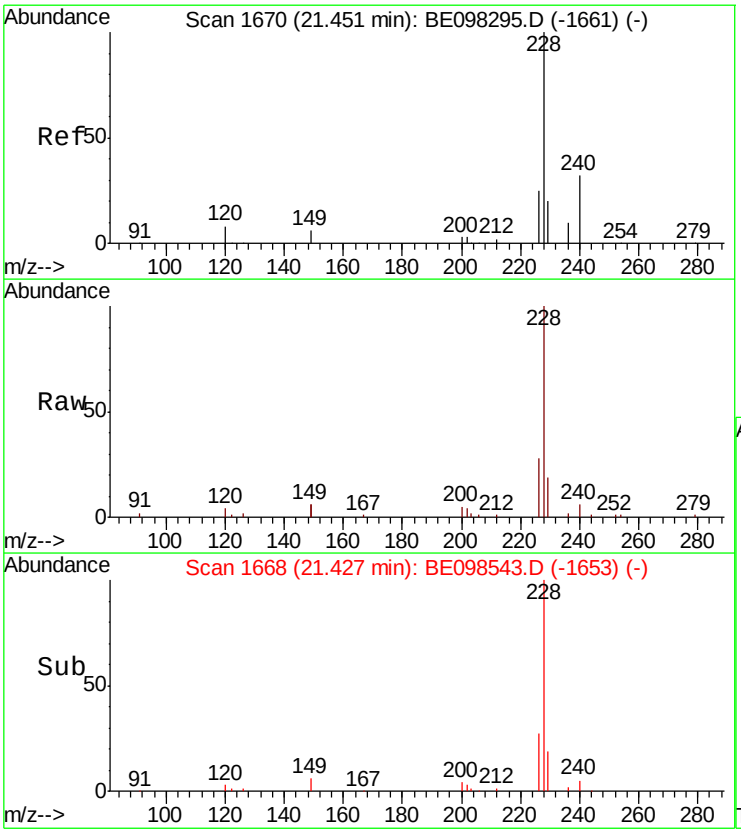
#29
Terphenyl-d14
Concen: 0.351 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument : BNA_E
ClientSampleId : PB115810BS

Tgt Ion:244 Resp: 7992

Ion	Ratio	Lower	Upper
244	100		
212	35.2	27.4	41.0
122	8.4	8.3	12.5

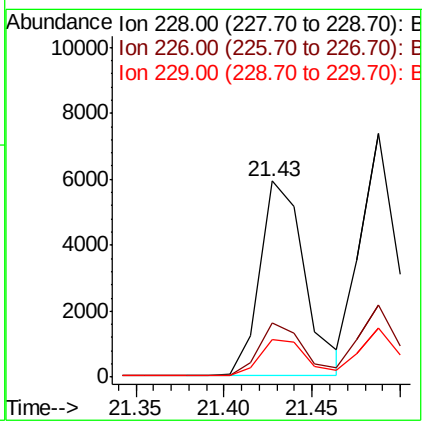


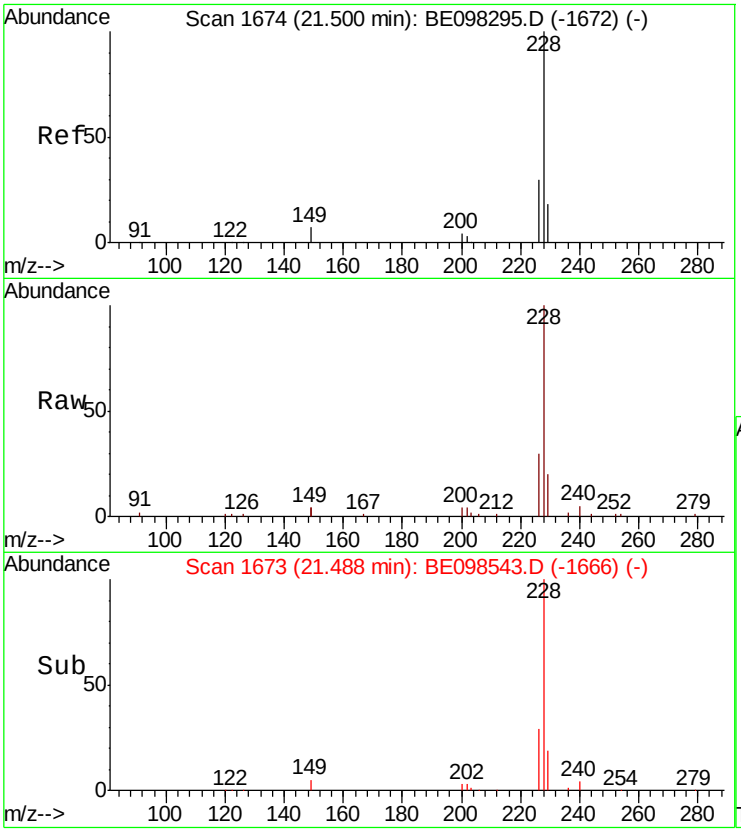


#30
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.43 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:228 Resp: 10423

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.4	16.3	24.5



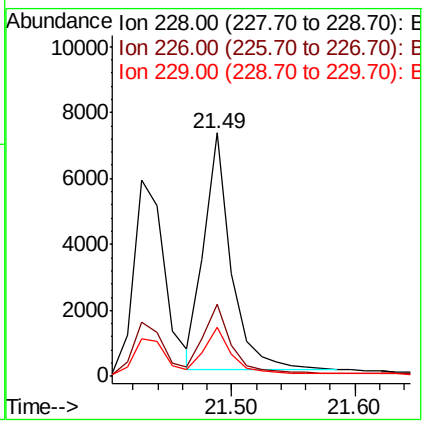


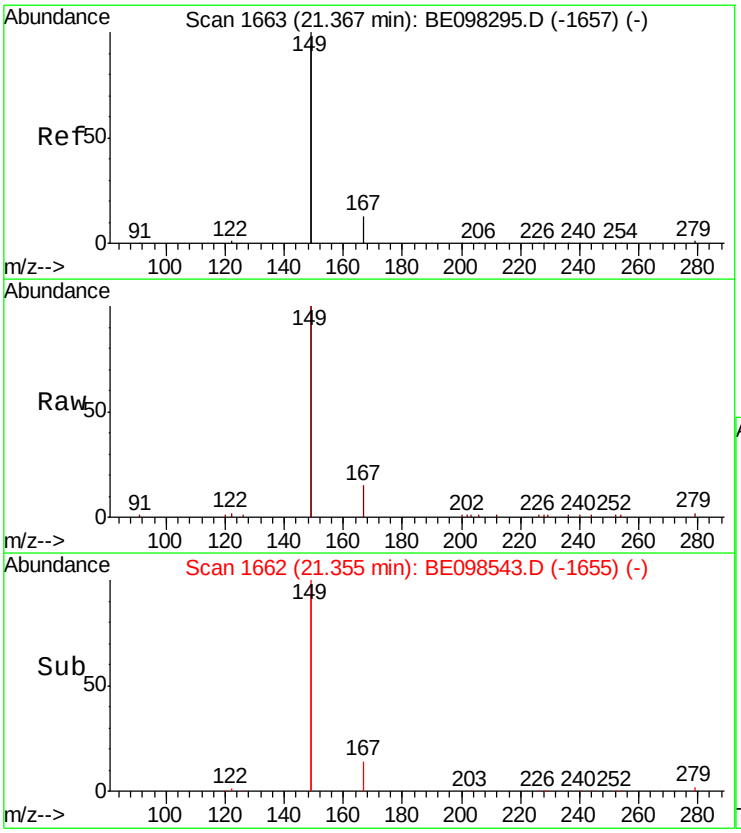
#31
Chrysene
Concen: 0.395 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:228 Resp: 11032

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	20.0	16.2	24.4

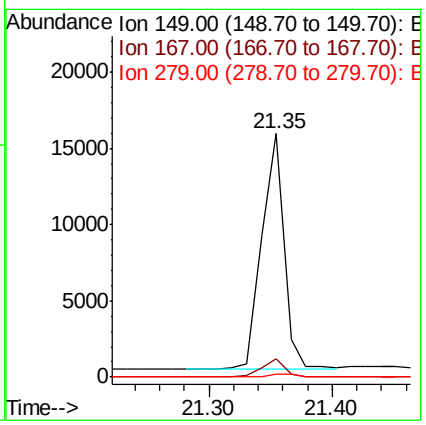


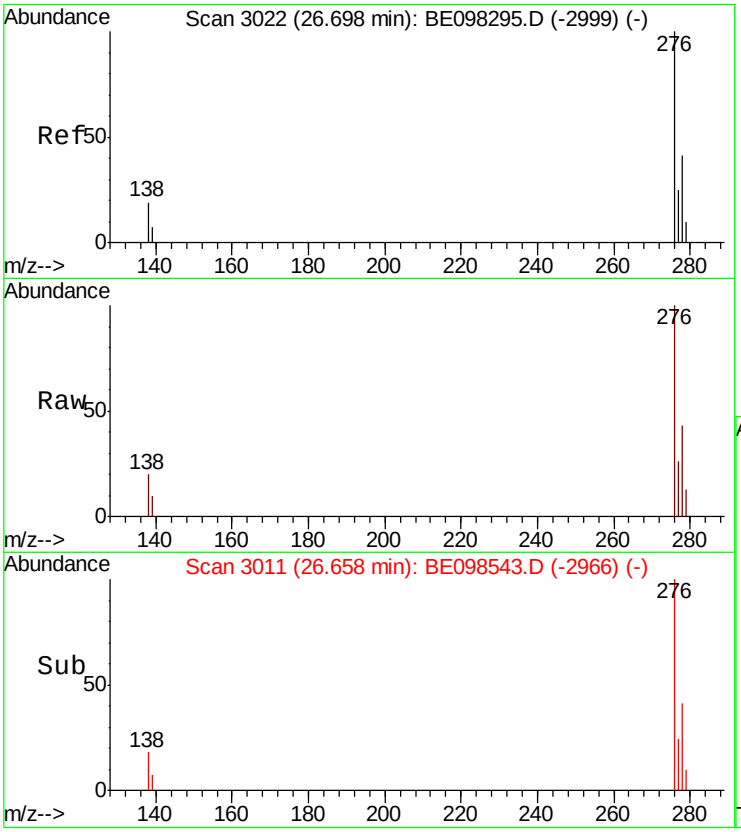


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.360 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:149 Resp: 19496

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



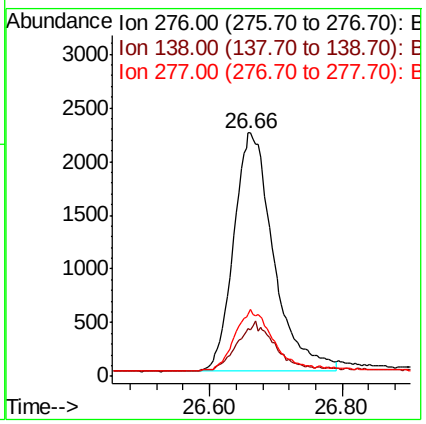


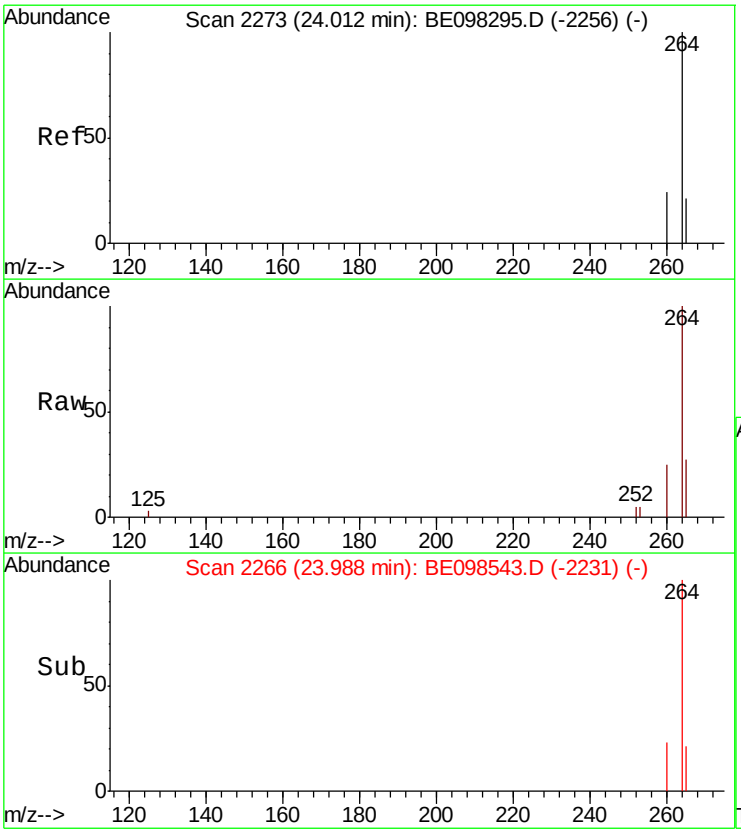
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 26.66 min Scan# 3011
Delta R.T. -0.04 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:276 Resp: 9299

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.3	24.5
277	24.9	20.2	30.4

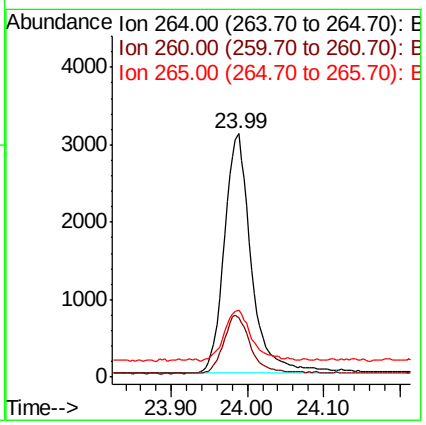


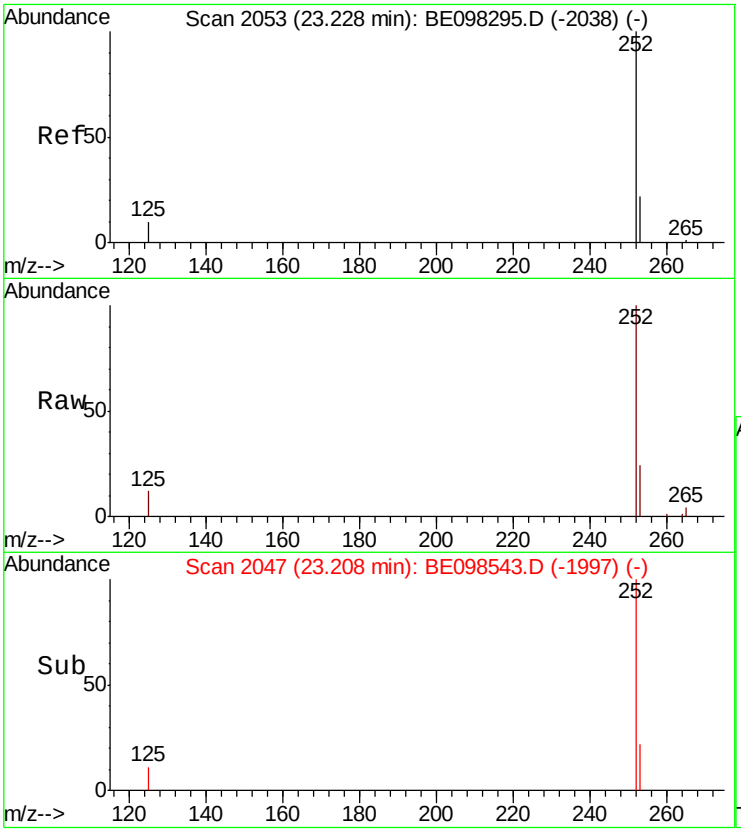


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:264 Resp: 7616

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	27.4	25.2	37.8



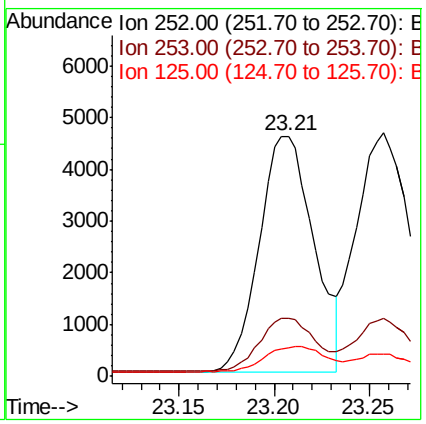


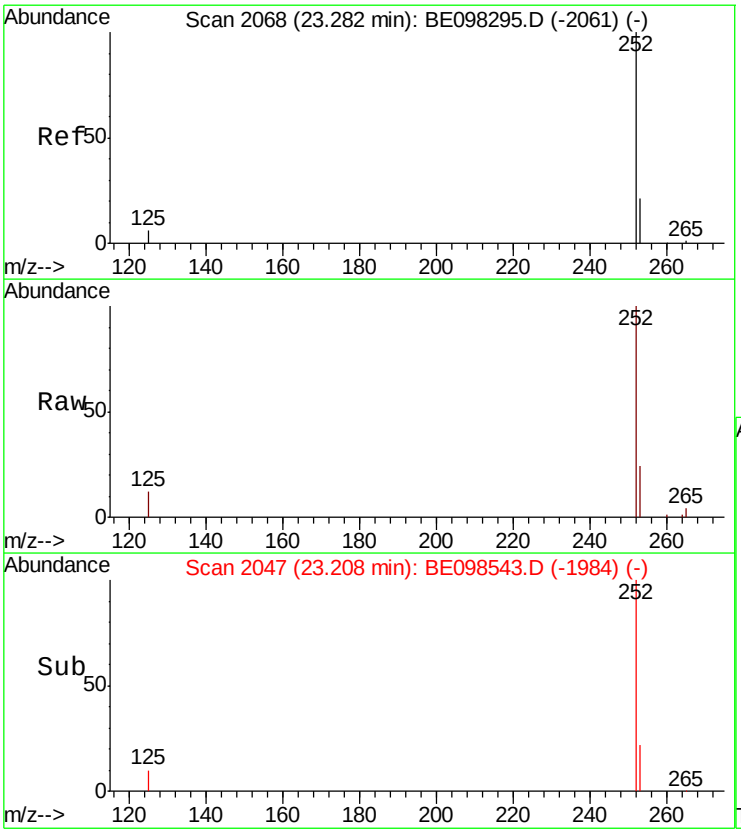
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:252 Resp: 9128

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.0	30.0
125	12.1	9.6	14.4

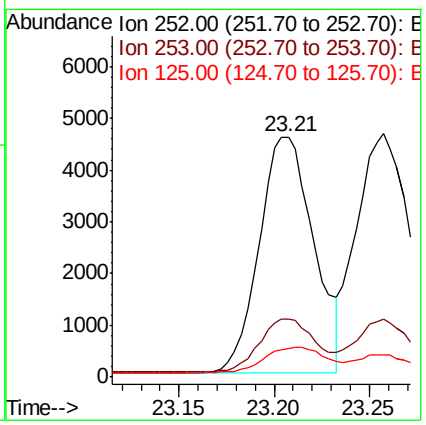


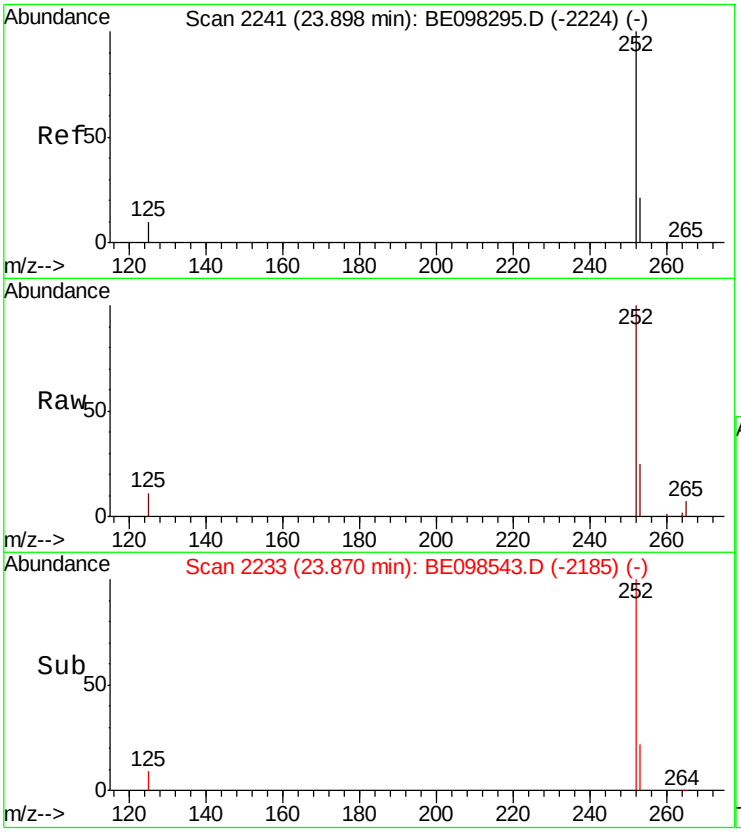


#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.21 min Scan# 2047
Delta R.T. -0.07 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:252 Resp: 9128

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	12.1	9.1	13.7



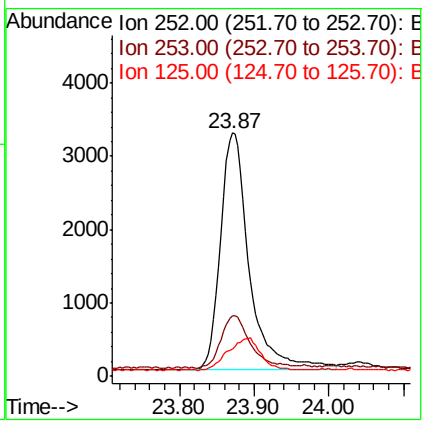


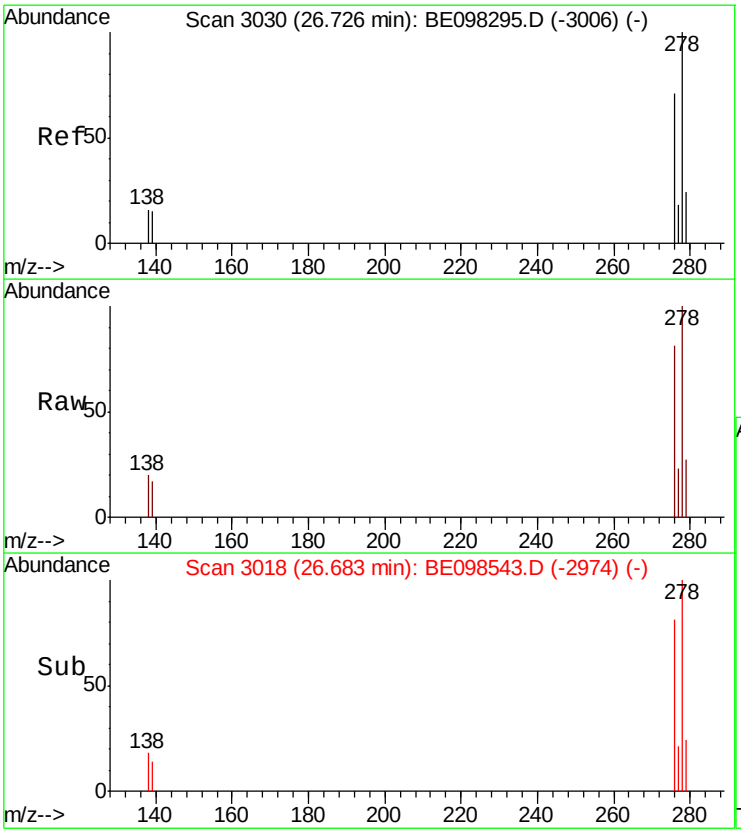
#37
Benzo(a)pyrene
Concen: 0.403 ng
RT: 23.87 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:252 Resp: 8669

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.6	30.8
125	11.1	10.5	15.7

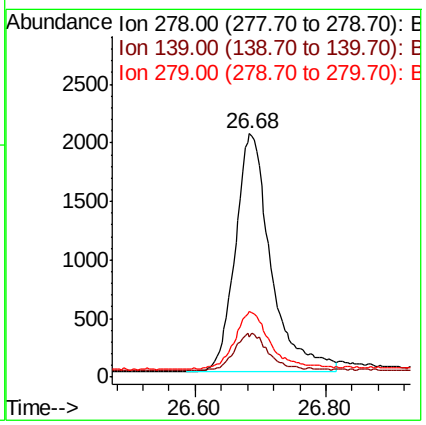


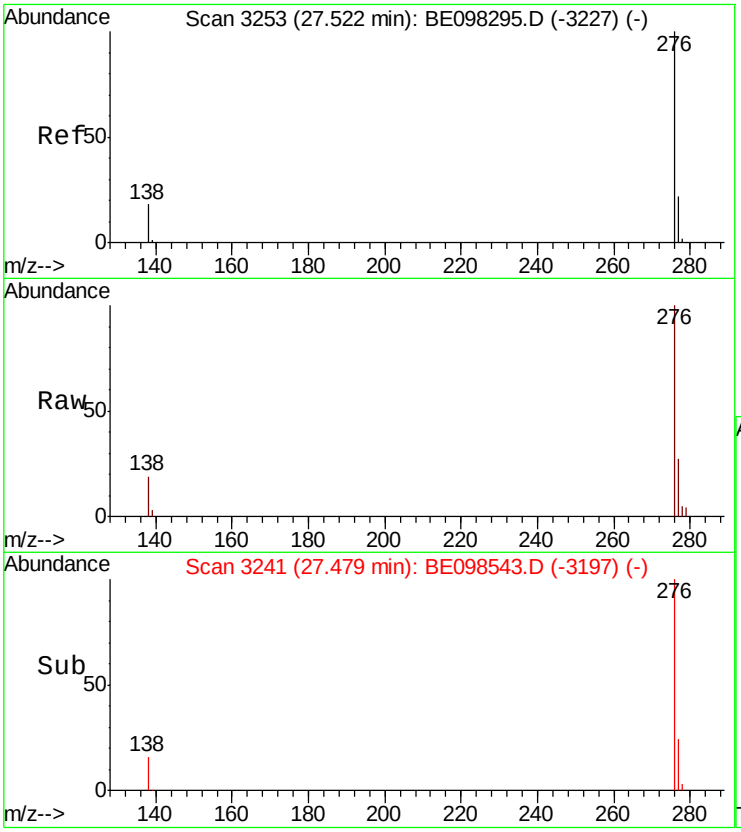


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.68 min Scan# 3018
Delta R.T. -0.04 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Tgt Ion:278 Resp: 7724

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	26.8	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 27.48 min Scan# 3241
Delta R.T. -0.04 min
Lab File: BE098543.D
Acq: 20 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
PB115810BS

Tgt Ion:276 Resp: 7916

Ion	Ratio	Lower	Upper
276	100		
277	26.6	20.8	31.2
138	18.6	15.8	23.6