Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098199.D
Acq On : 12 Nov 2018 21:17
Operator : SJ/JU
Sample : PB114586BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB114586BS

Quant Time: Nov 13 03:50:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1057	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	4143	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2511	0.40	ng		0.00
19) Phenanthrene-d10	17.28	188	7290	0.40	ng		0.00
27) Chrysene-d12	21.46	240	9096	0.40	ng		0.00
34) Perylene-d12	24.01	264	8491	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	3029	1.02	ng		0.00
5) Phenol-d6	7.03	99	4394	0.92	ng		0.00
8) Nitrobenzene-d5	9.02	82	3196	0.77	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	2037	0.28	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	1237	1.13	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7699	0.73	ng		0.00
25) Fluoranthene-d10	19.31	212	25644	0.28	ng		0.00
29) Terphenyl-d14	19.91	244	16494	0.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	362	0.226	ng	#	32
3) n-Nitrosodimethylamine	3.70	42	599	0.289	ng	#	96
6) bis(2-Chloroethyl)ether	7.29	93	875	0.226	ng		96
9) Naphthalene	10.72	128	11971	0.284	ng		99
10) Hexachlorobutadiene	11.00	225	673	0.257	ng		98
12) 2-Methylnaphthalene	12.34	142	2097	0.287	ng		97
16) Acenaphthylene	14.26	152	3189	0.277	ng		100
17) Acenaphthene	14.60	154	1916	0.273	ng		99
18) Fluorene	15.58	166	2686	0.298	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	1012	0.228	ng		94
21) Hexachlorobenzene	16.58	284	1097	0.237	ng		96
22) Pentachlorophenol	16.94	266	320	0.390	ng		100
23) Phenanthrene	17.31	178	5265	0.290	ng		99
24) Anthracene	17.41	178	4930	0.291	ng		98
26) Fluoranthene	19.34	202	6945	0.309	ng		100
28) Pyrene	19.71	202	7065	0.282	ng		100
30) Benzo(a)anthracene	21.45	228	7591	0.294	ng		98
31) Chrysene	21.50	228	7682	0.293	ng		99
32) Bis(2-ethylhexyl)phthalate	21.37	149	14960	0.279	ng		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	7130	0.296	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	7218	0.300	ng		99
36) Benzo(k)fluoranthene	23.28	252	7679	0.302	ng		98
37) Benzo(a)pyrene	23.90	252	6974	0.302	ng		96
38) Dibenzo(a,h)anthracene	26.72	278	5814	0.295	ng		96
39) Benzo(g,h,i)perylene	27.53	276	6072	0.296	ng	#	96

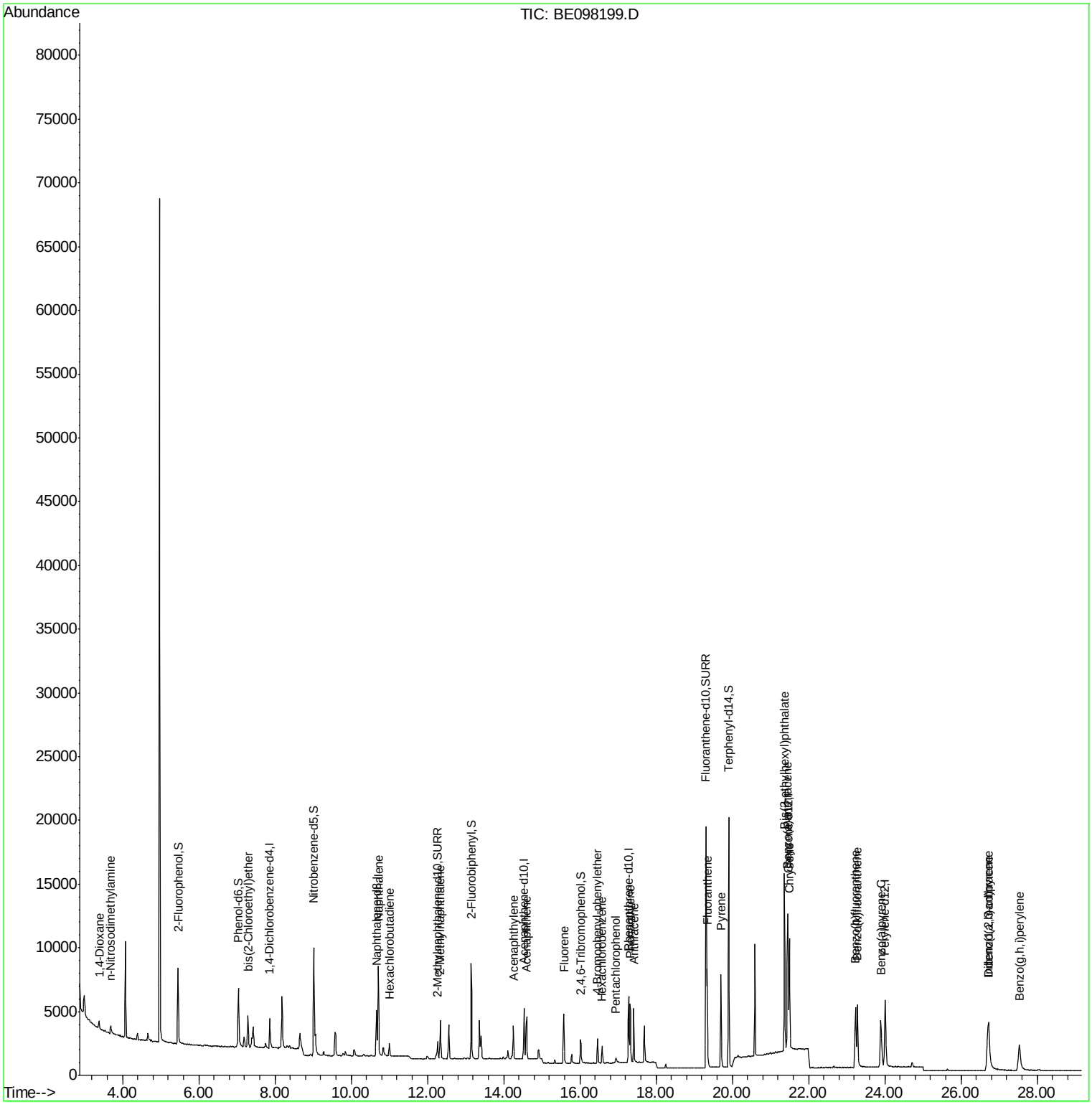
(#) = qualifier out of range (m) = manual integration (+) = signals summed

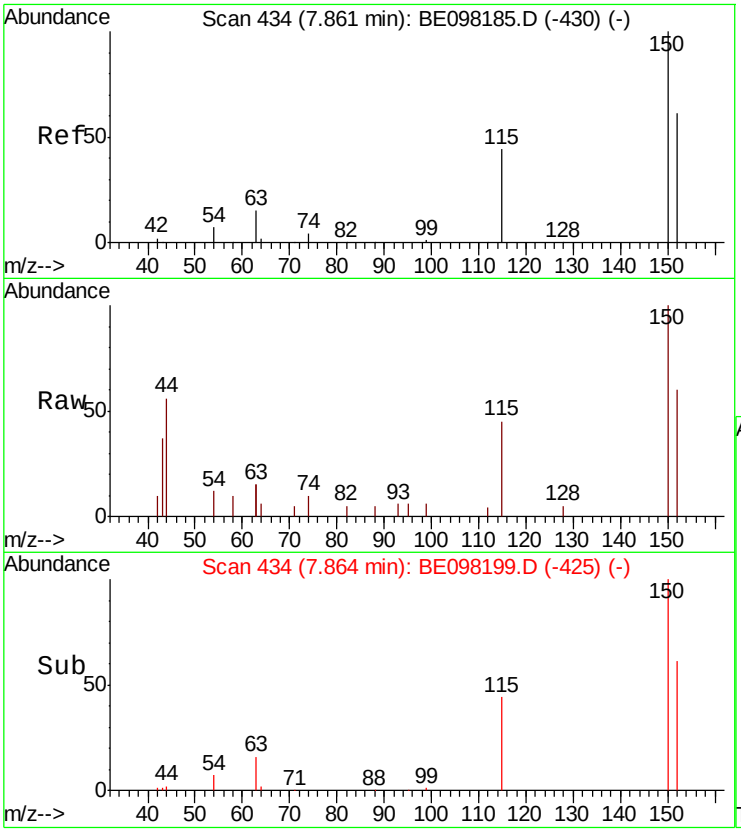
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
Data File : BE098199.D
Acq On : 12 Nov 2018 21:17
Operator : SJ/JU
Sample : PB114586BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Quant Time: Nov 13 03:50:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration



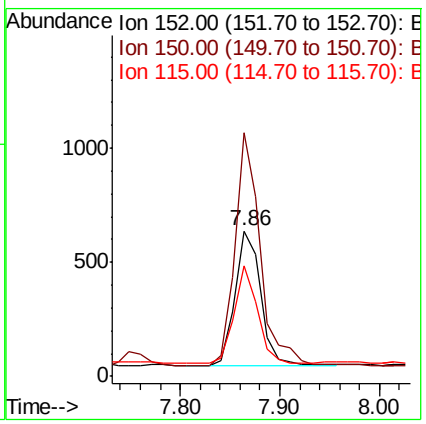


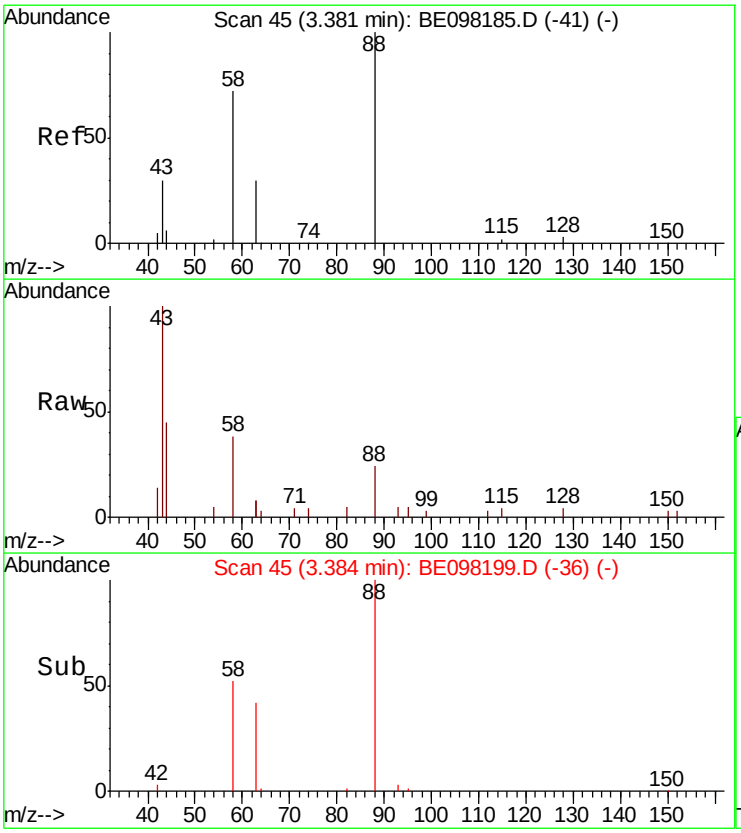
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:152 Resp: 1057

Ion	Ratio	Lower	Upper
152	100		
150	167.2	127.5	191.3
115	76.0	60.3	90.5

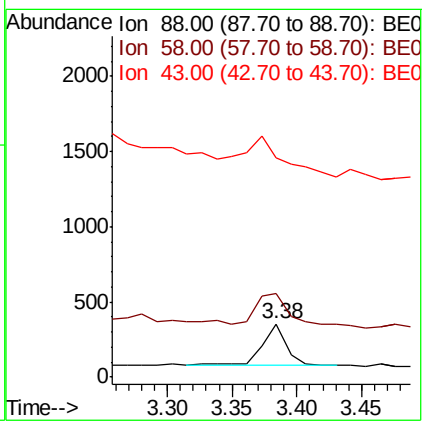


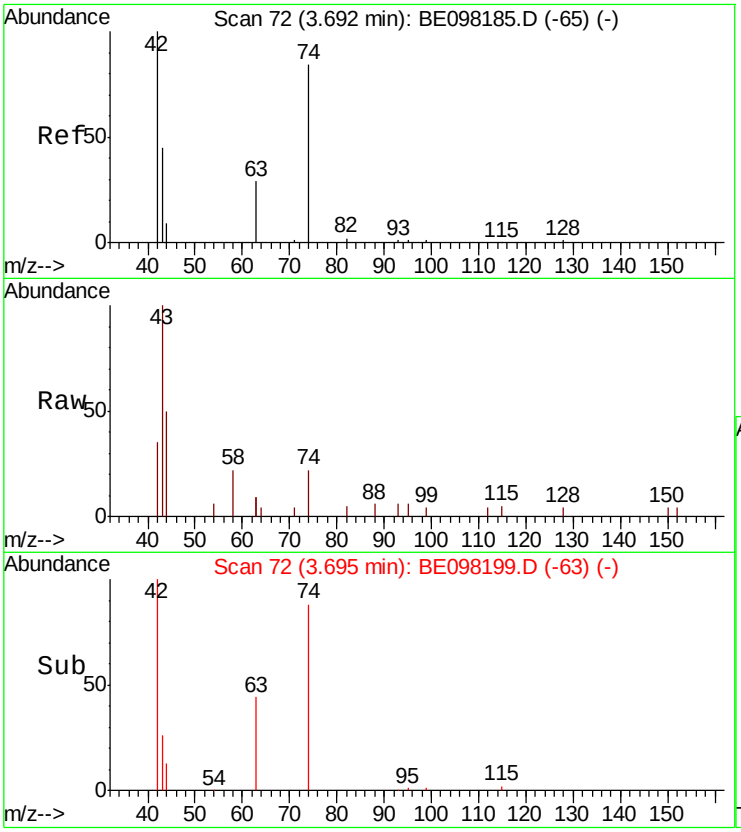


#2
1,4-Dioxane
Concen: 0.226 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion: 88 Resp: 362

Ion	Ratio	Lower	Upper
88	100		
58	107.7	79.0	118.4
43	174.9	38.1	57.1#



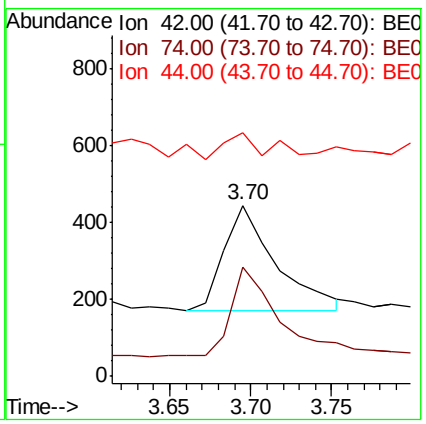


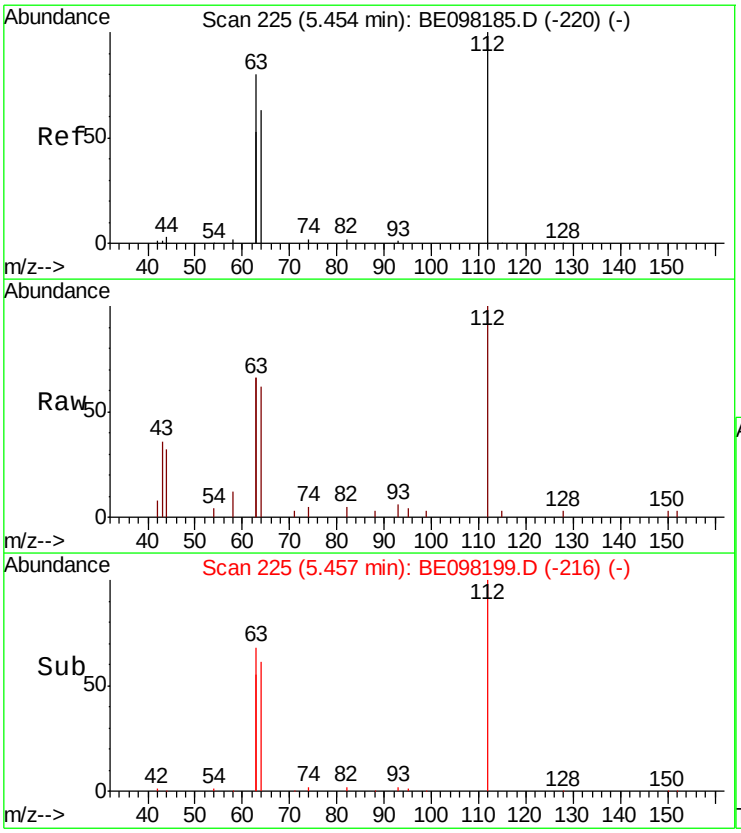
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.70 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion: 42 Resp: 599

Ion	Ratio	Lower	Upper
42	100		
74	79.3	61.7	92.5
44	23.0	14.0	21.0#

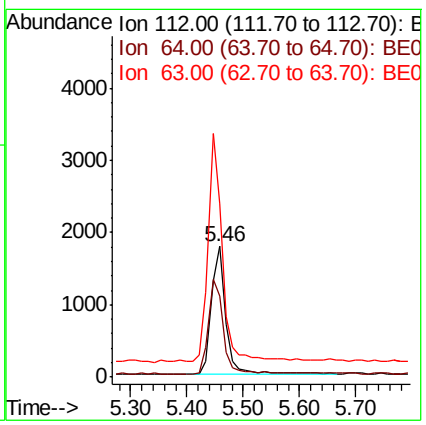


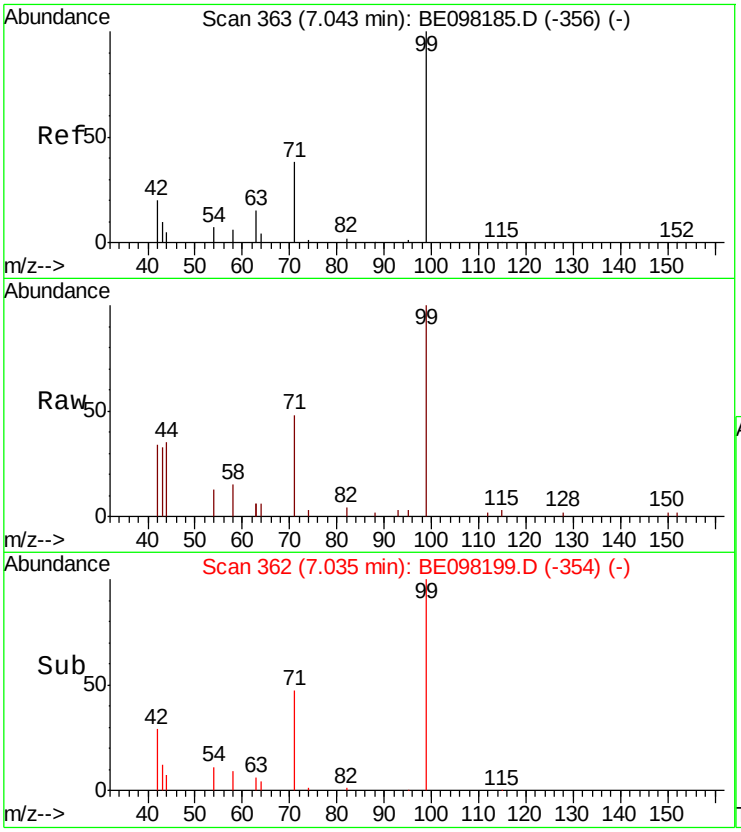


#4
2-Fluorophenol
Concen: 1.015 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:112 Resp: 3029

Ion	Ratio	Lower	Upper
112	100		
64	75.8	61.7	92.5
63	173.0	136.2	204.2



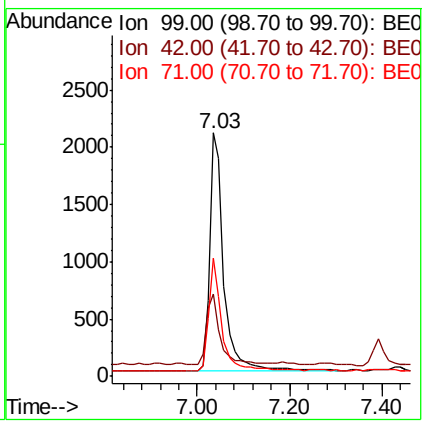


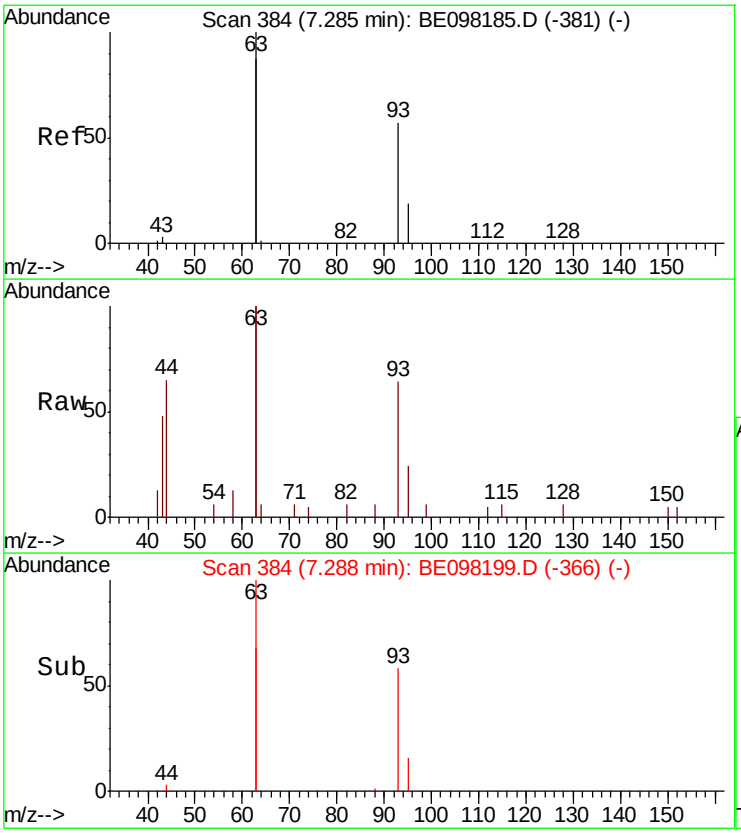
#5
Phenol-d6
Concen: 0.917 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion: 99 Resp: 4394

Ion	Ratio	Lower	Upper
99	100		
42	28.9	27.1	40.7
71	43.2	37.0	55.6

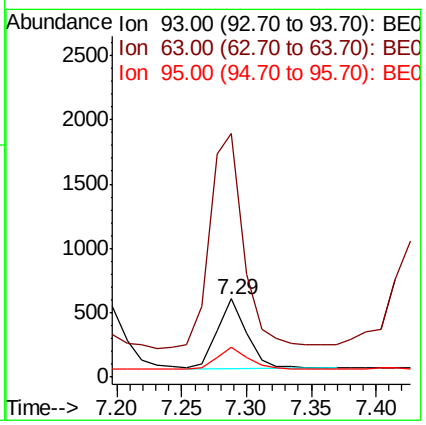


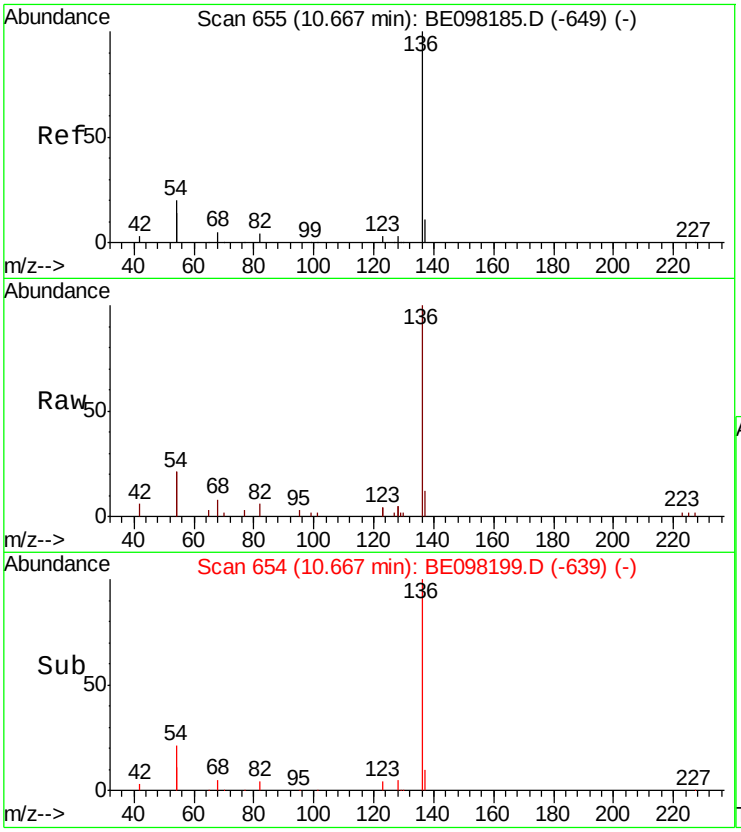


#6
bis(2-Chloroethyl)ether
Concen: 0.226 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion: 93 Resp: 875

Ion	Ratio	Lower	Upper
93	100		
63	350.3	272.6	409.0
95	35.1	27.1	40.7



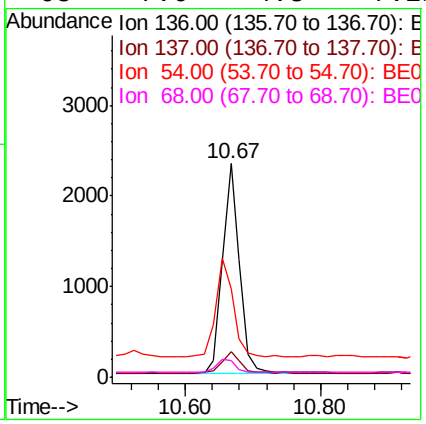


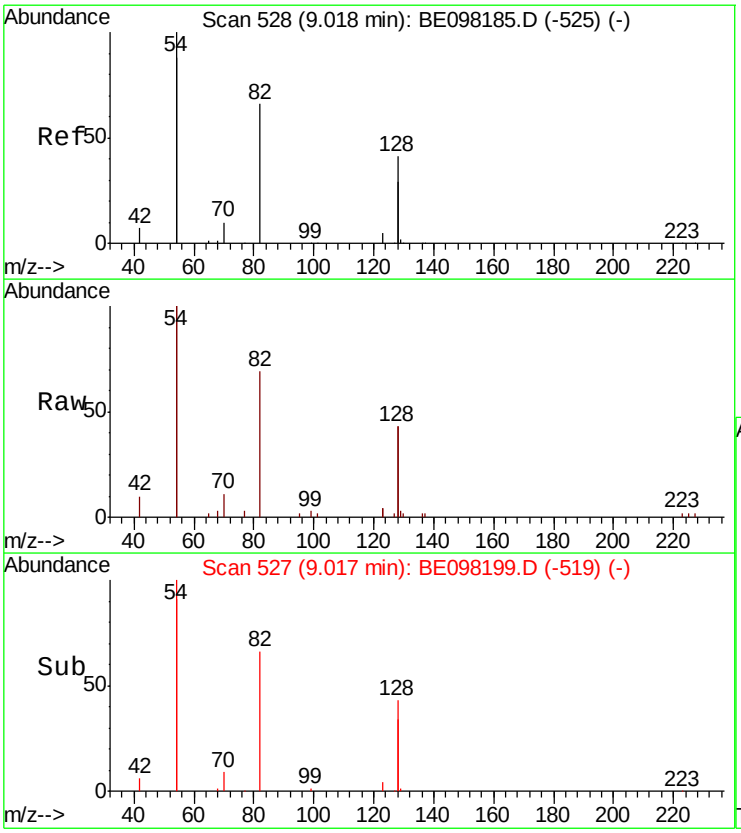
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:136 Resp: 4143

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	41.2	31.3	46.9
68	7.6	4.8	7.2#

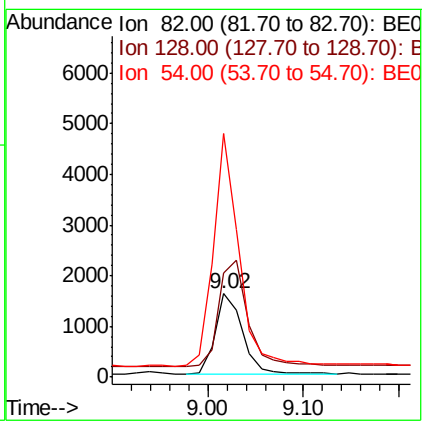


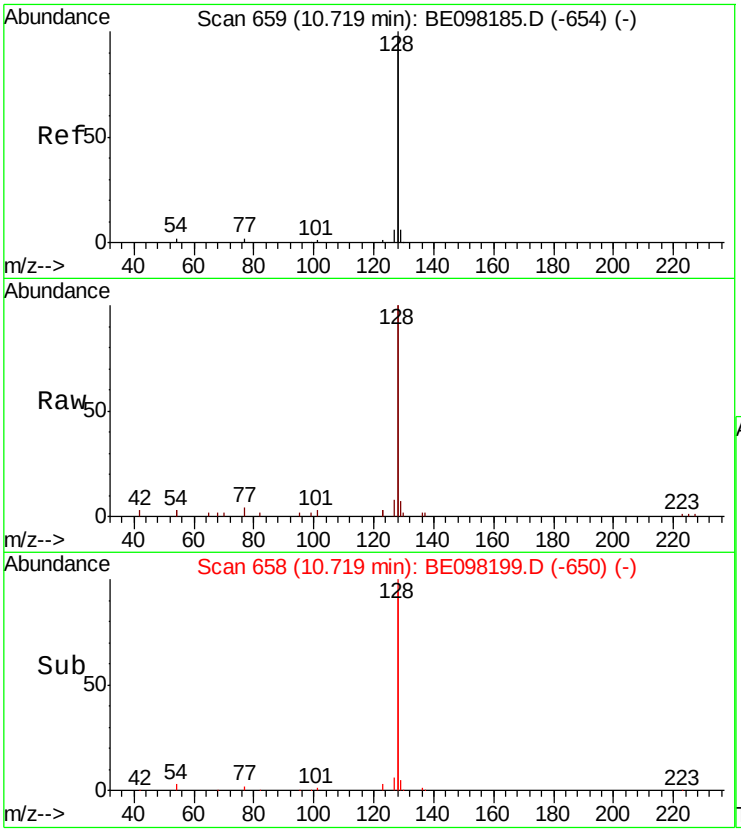


#8
Nitrobenzene-d5
Concen: 0.773 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion: 82 Resp: 3196

Ion	Ratio	Lower	Upper
82	100		
128	125.3	96.1	144.1
54	291.9	232.0	348.0



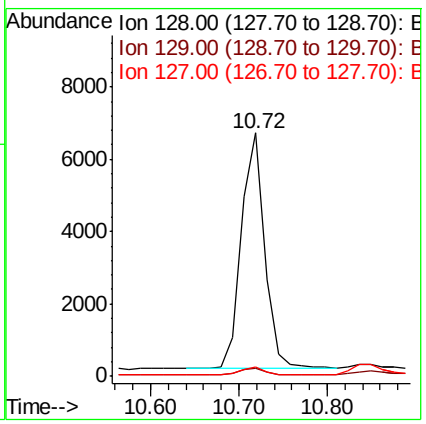


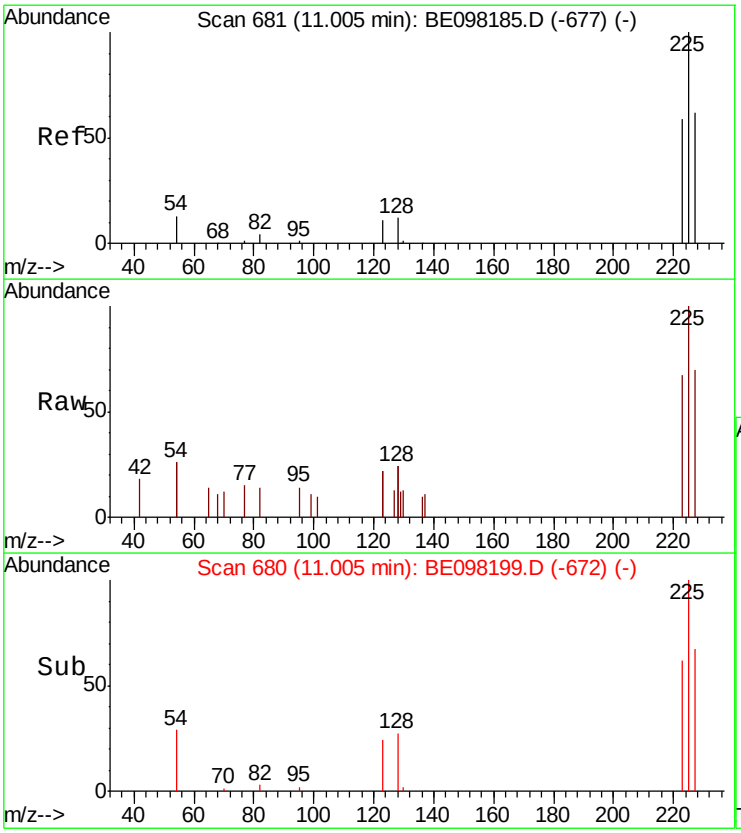
#9
Naphthalene
Concen: 0.284 ng
RT: 10.72 min Scan# 658
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:128 Resp: 11971

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	3.8	2.8	4.2

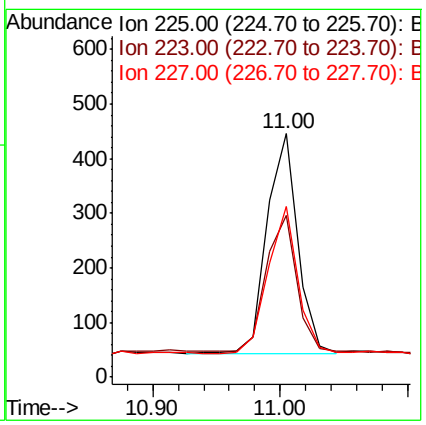


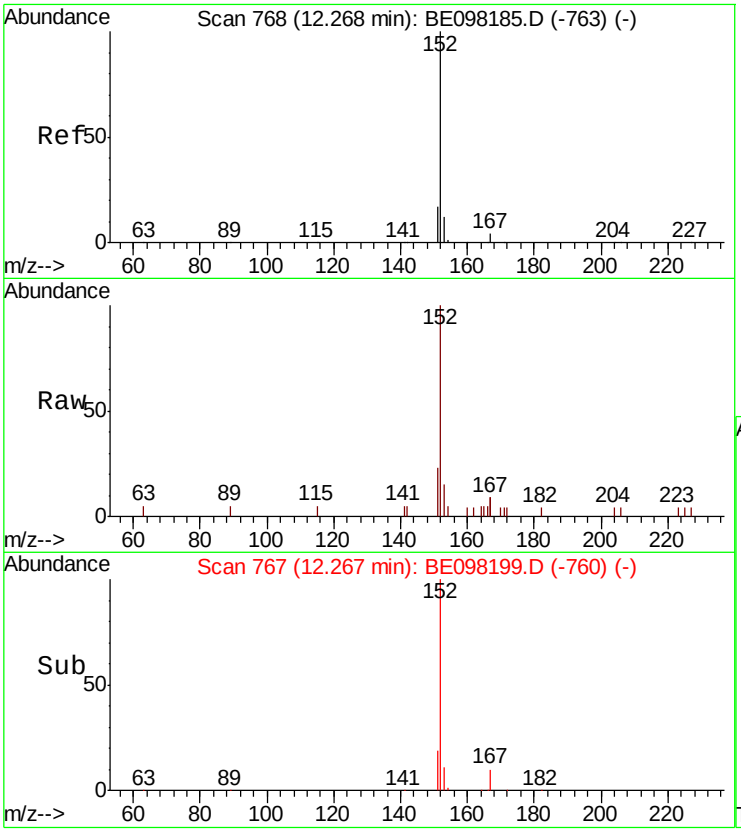


#10
Hexachlorobutadiene
Concen: 0.257 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:225 Resp: 673

Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.5	75.7
227	64.2	50.3	75.5



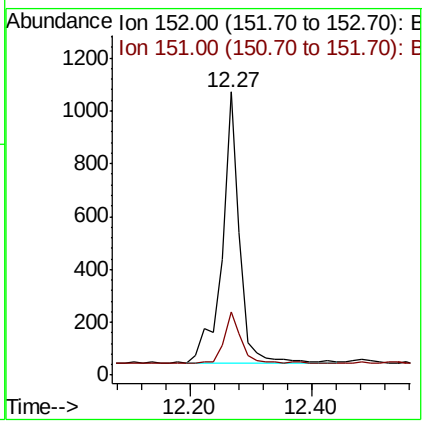


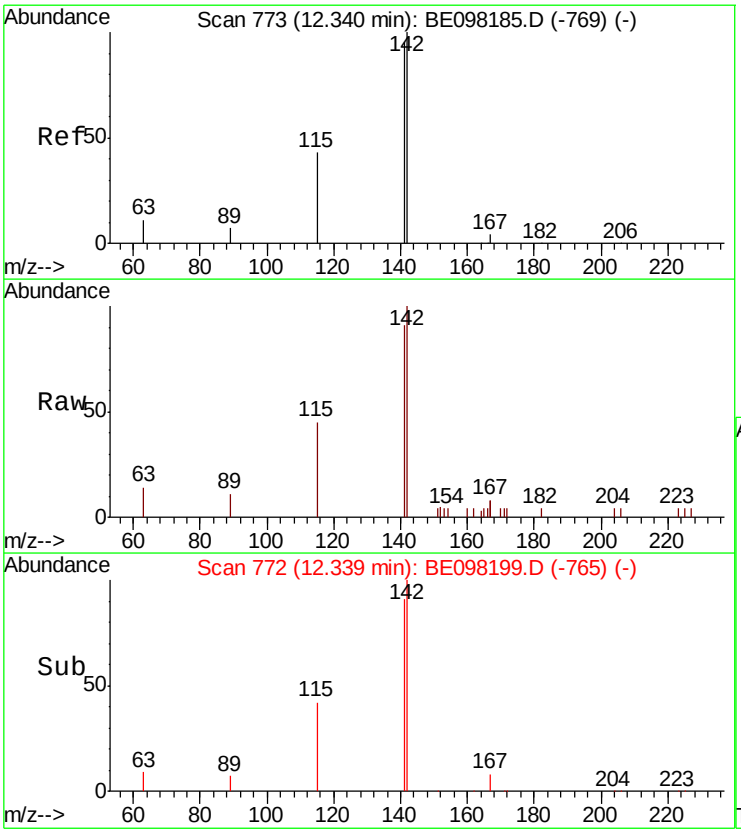
#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:152 Resp: 2037

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.2

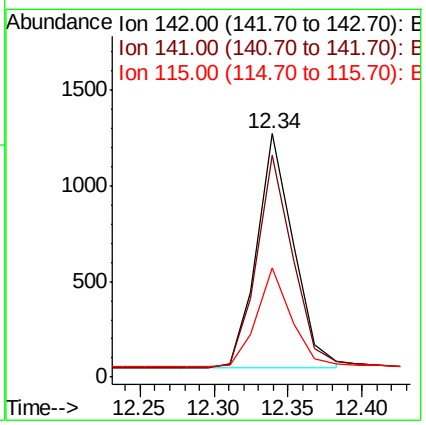


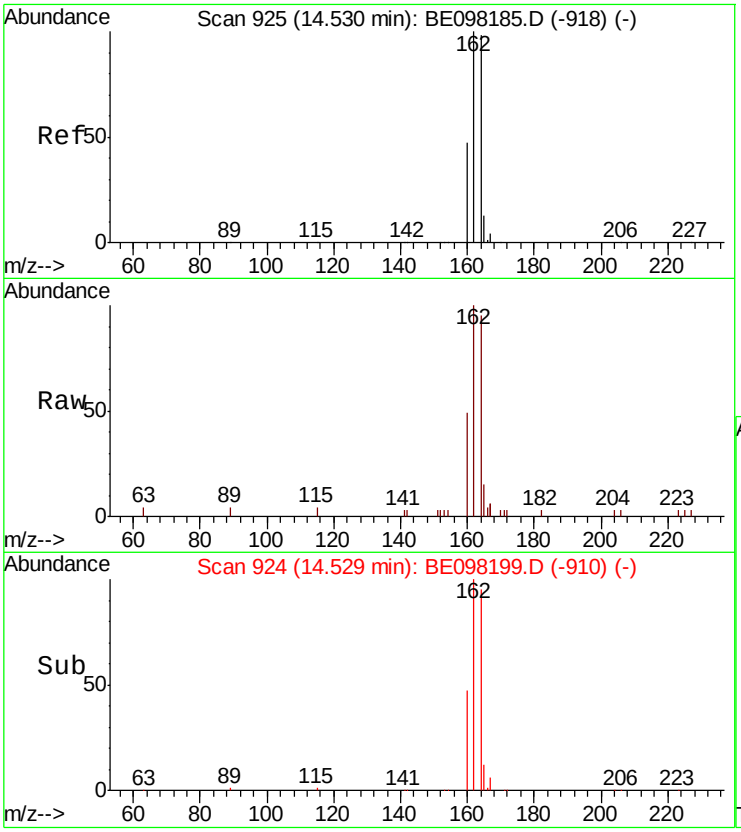


#12
2-Methylnaphthalene
Concen: 0.287 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:142 Resp: 2097

Ion	Ratio	Lower	Upper
142	100		
141	91.2	76.3	114.5
115	44.9	35.8	53.8



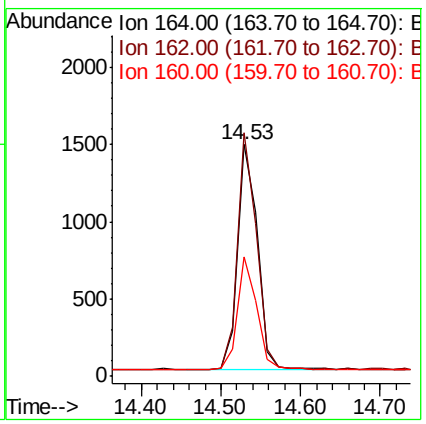


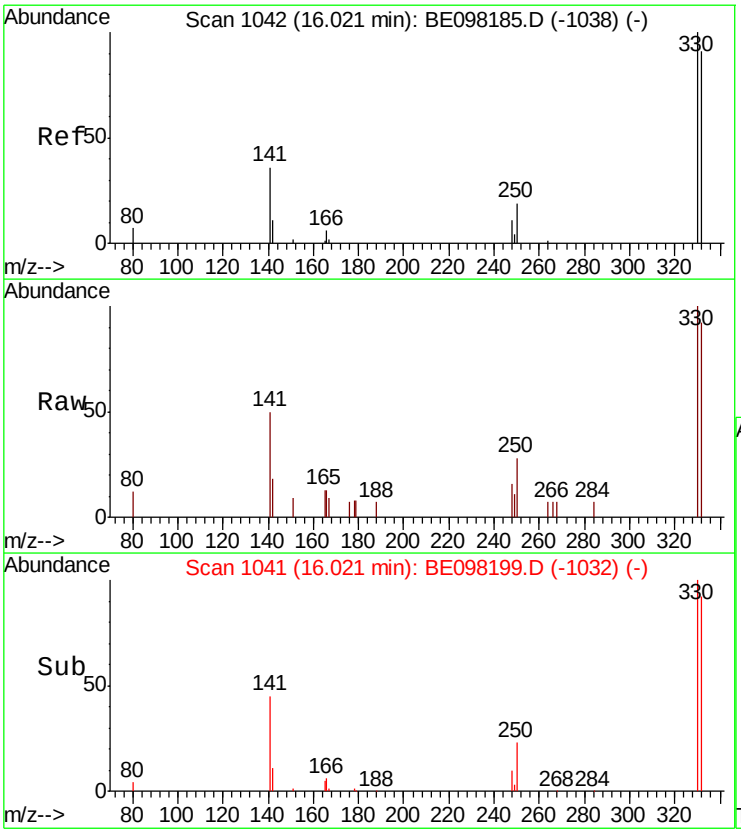
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:164 Resp: 2511

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.8	122.6
160	51.4	39.4	59.0

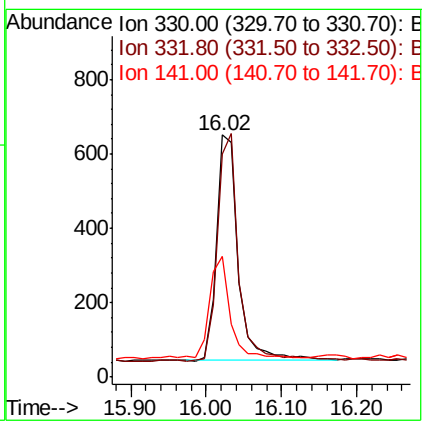


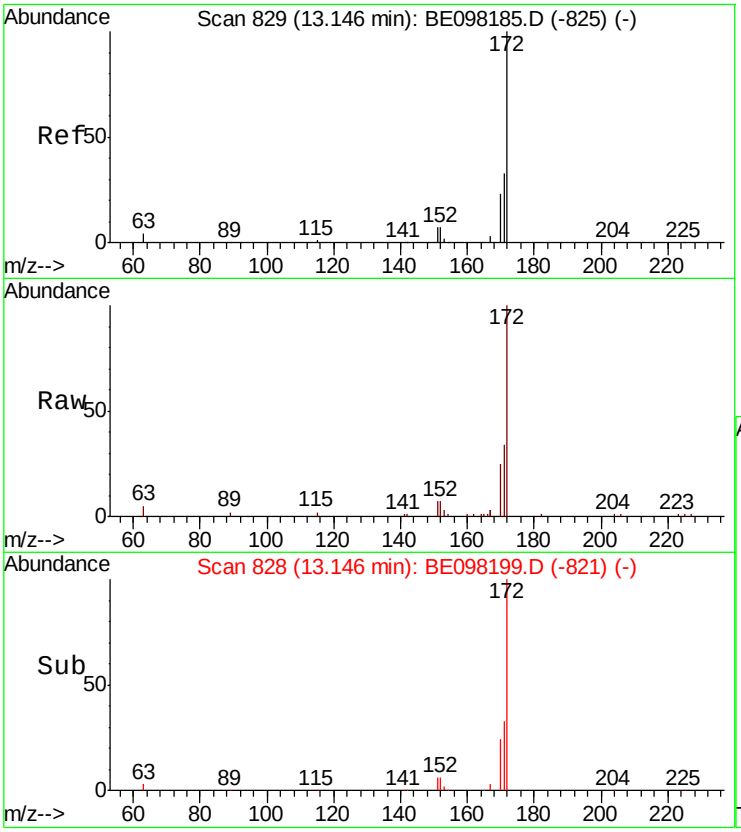


#14
2,4,6-Tribromophenol
Concen: 1.130 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:330 Resp: 1237

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	41.6	33.6	50.4



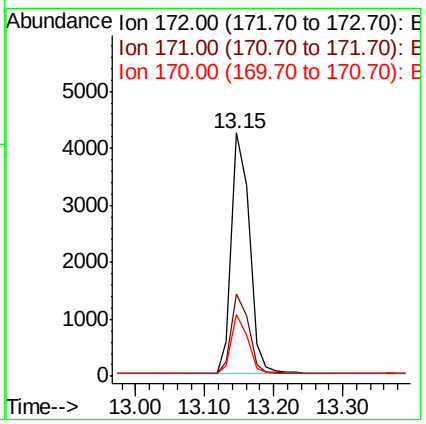


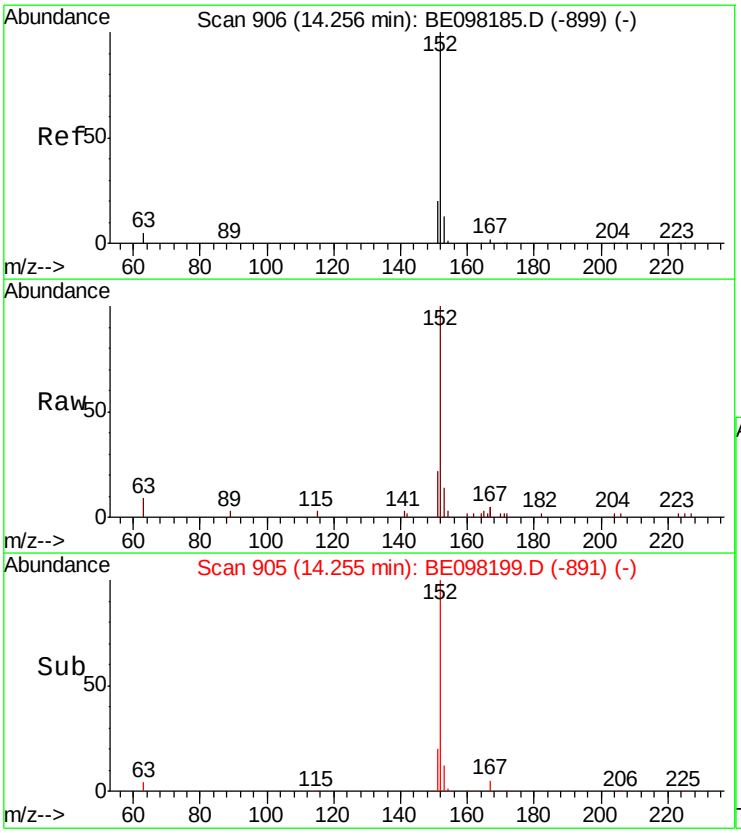
#15
2-Fluorobiphenyl
Concen: 0.732 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:172 Resp: 7699

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.3	40.9
170	25.2	19.4	29.0

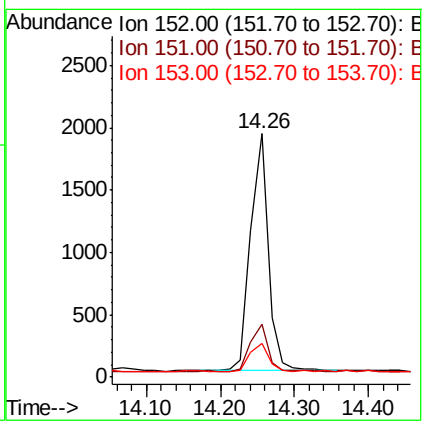


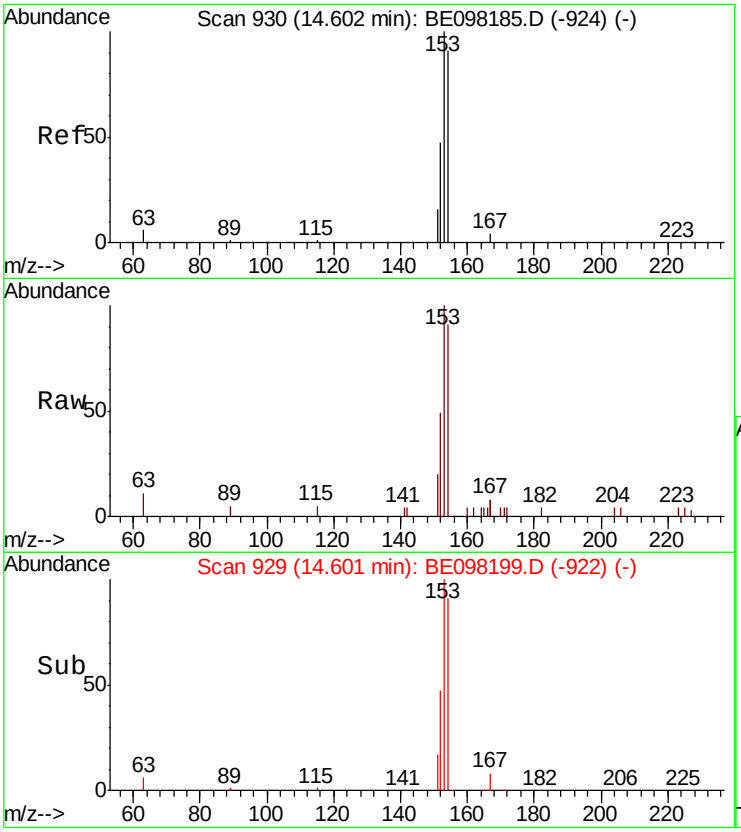


#16
Acenaphthylene
Concen: 0.277 ng
RT: 14.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:152 Resp: 3189

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	12.9	10.6	15.8



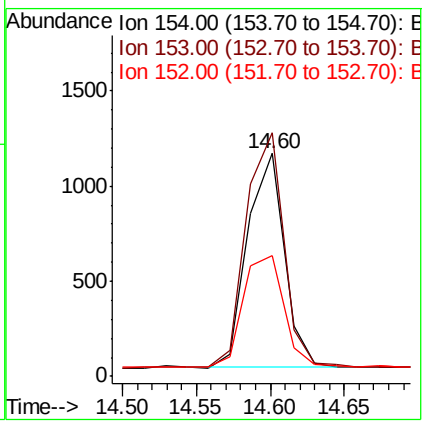


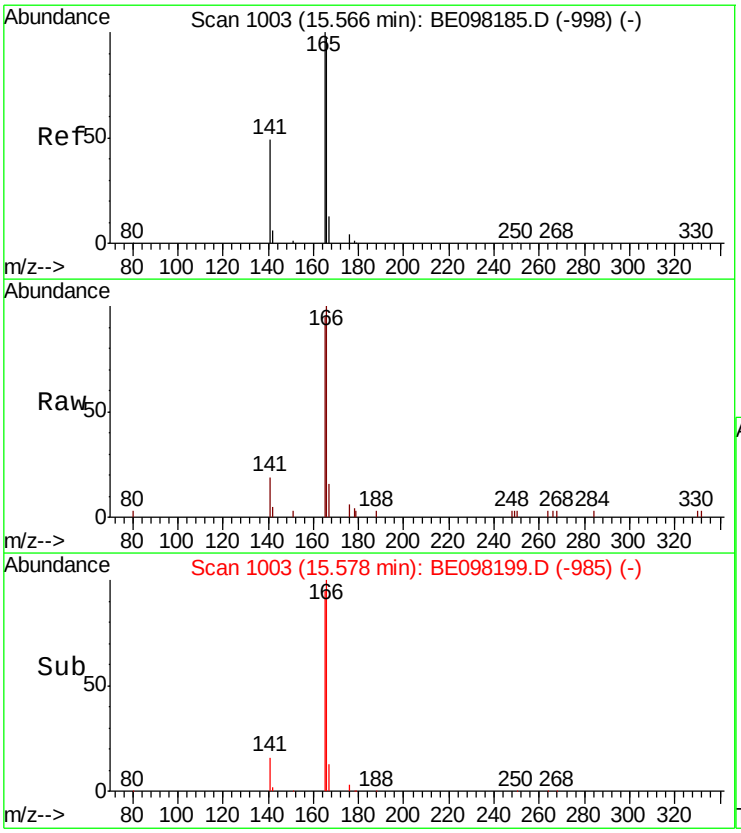
#17
Acenaphthene
Concen: 0.273 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:154 Resp: 1916

Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.1	138.1
152	57.6	46.2	69.2

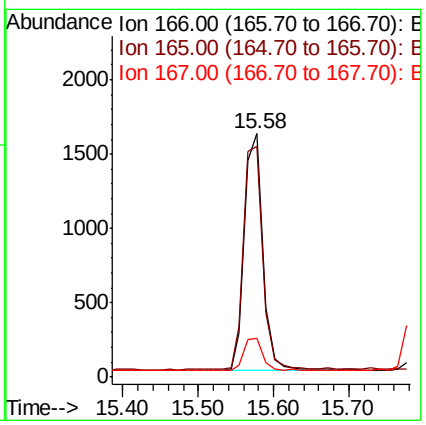


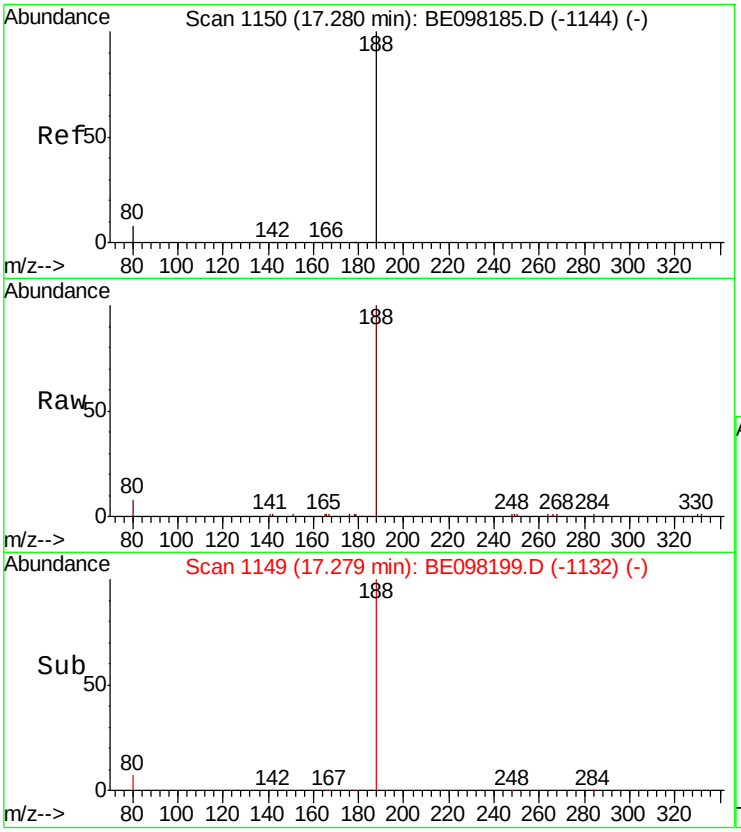


#18
Fluorene
Concen: 0.298 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:166 Resp: 2686

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.1	120.1
167	13.9	10.8	16.2



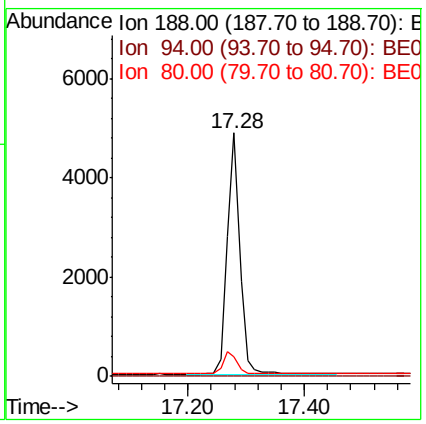


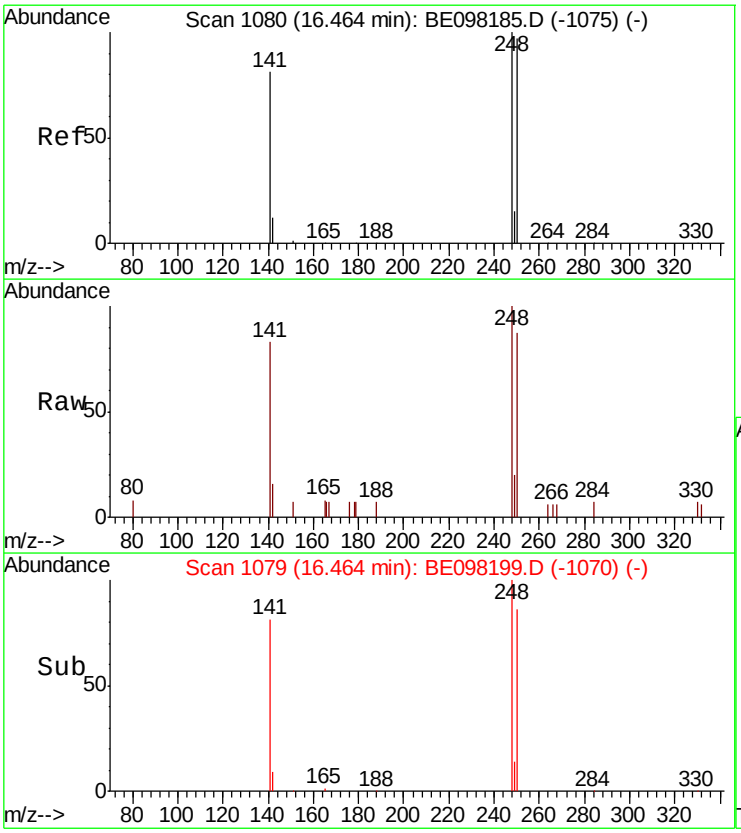
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:188 Resp: 7290

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.7	10.1

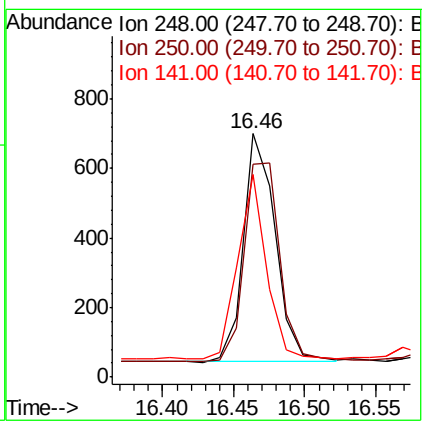


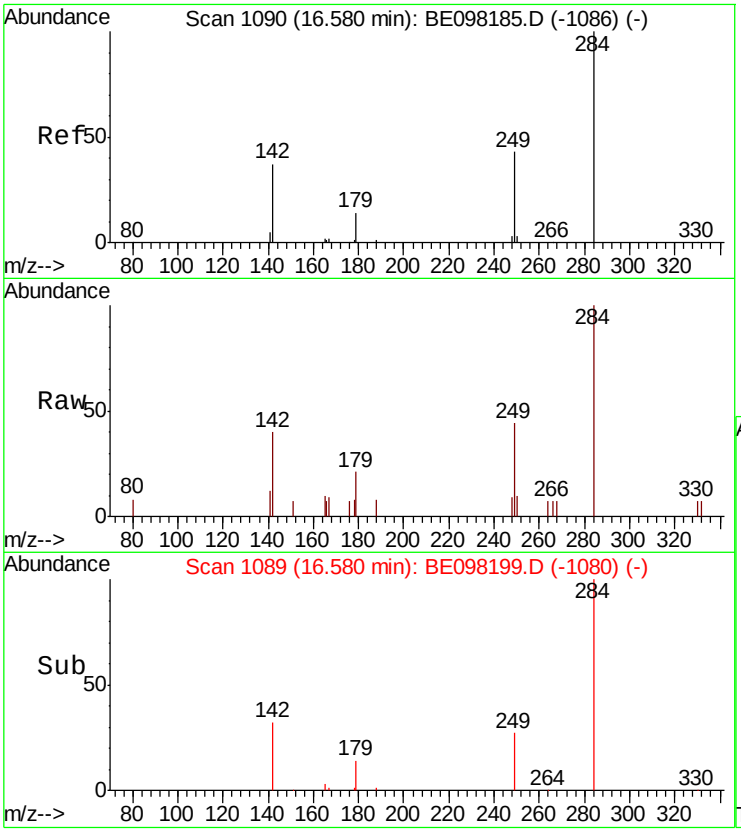


#20
4-Bromophenyl-phenylether
Concen: 0.228 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:248 Resp: 1012

Ion	Ratio	Lower	Upper
248	100		
250	87.4	77.6	116.4
141	83.3	65.8	98.8



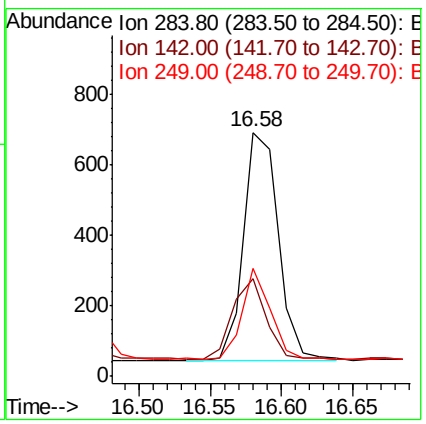


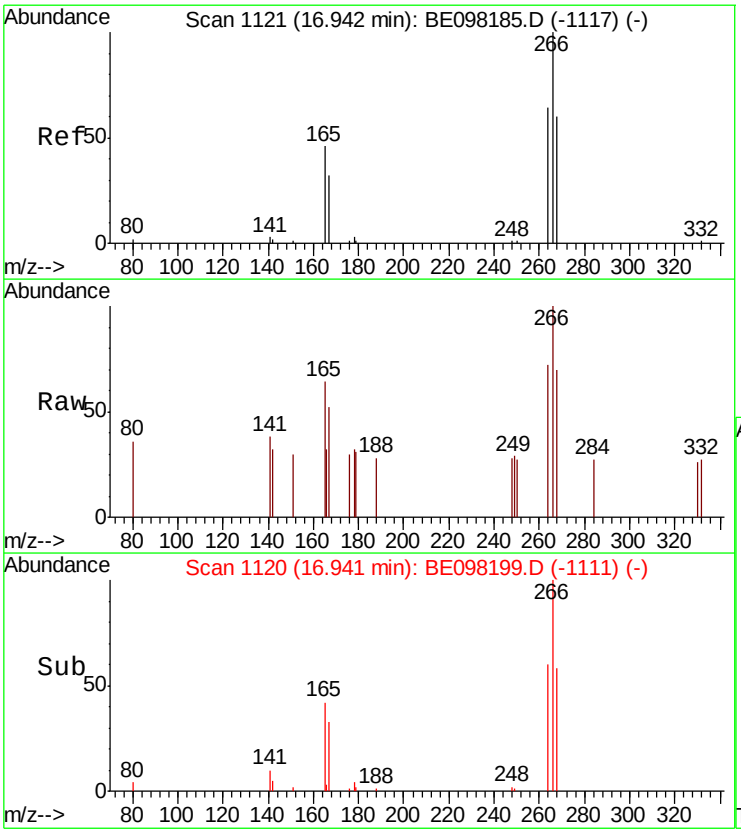
#21
Hexachlorobenzene
Concen: 0.237 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:284 Resp: 1097

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.5	39.7
249	32.4	28.4	42.6

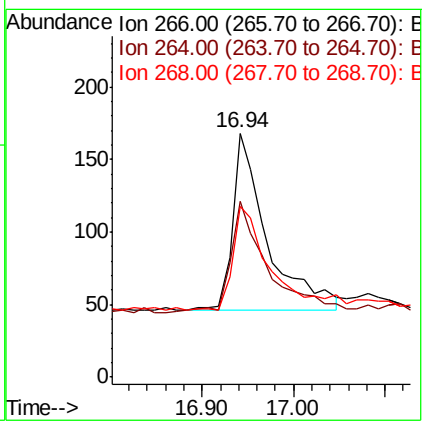


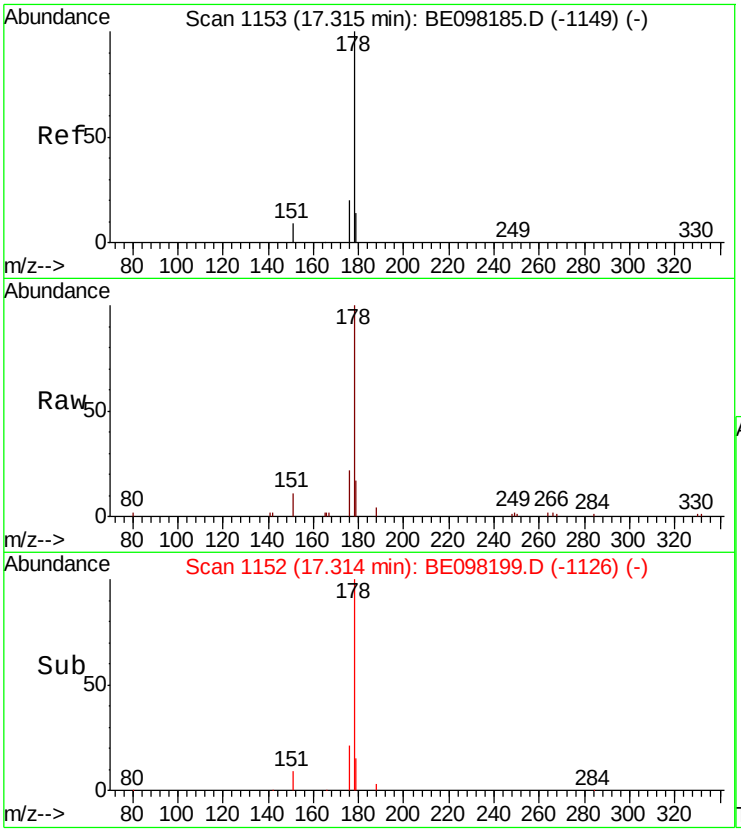


#22
Pentachlorophenol
Concen: 0.390 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:266 Resp: 320

Ion	Ratio	Lower	Upper
266	100		
264	72.0	57.6	86.4
268	70.2	56.8	85.2



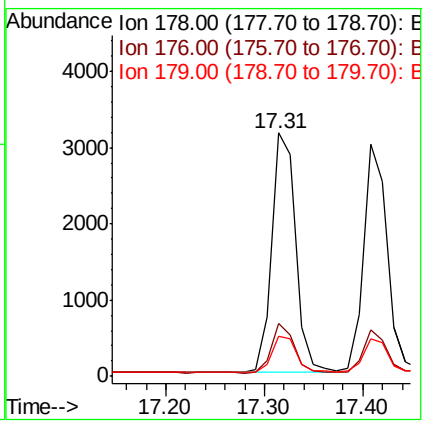


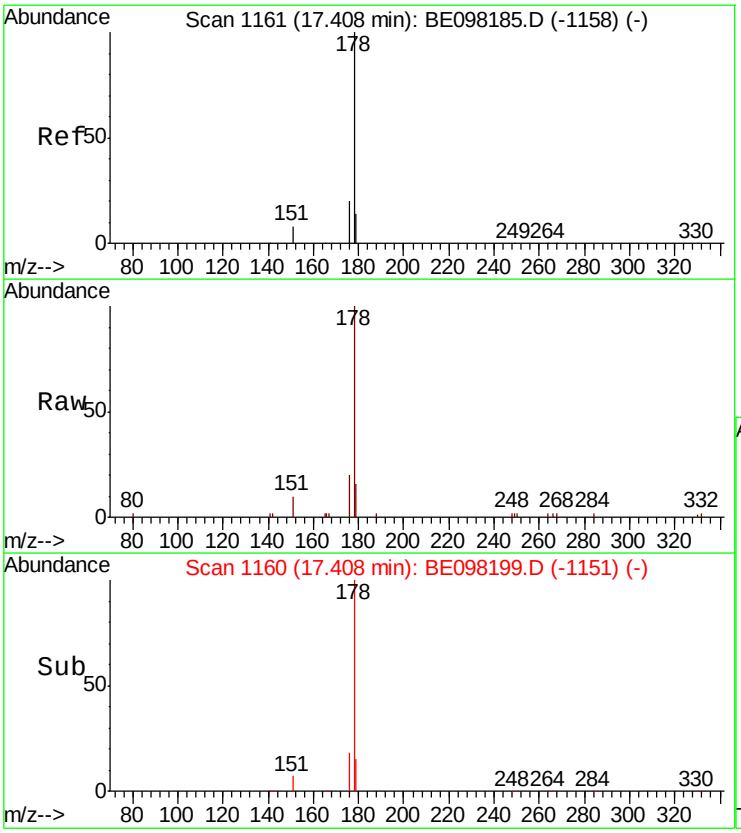
#23
Phenanthrene
Concen: 0.290 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:178 Resp: 5265

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.9	12.3	18.5

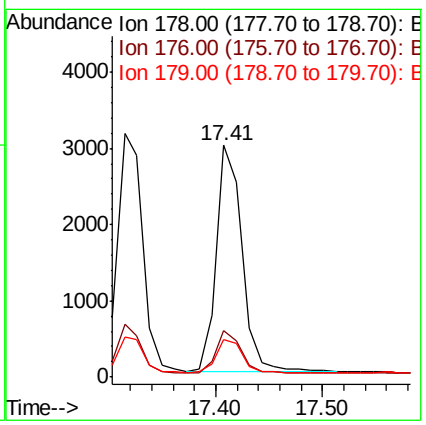


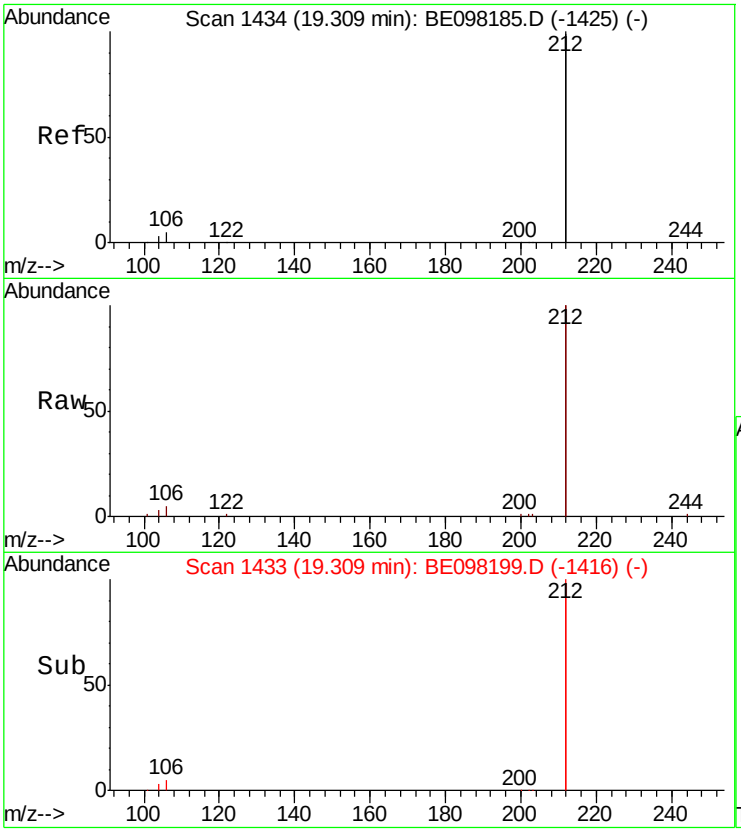


#24
Anthracene
Concen: 0.291 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:178 Resp: 4930

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.2	12.1	18.1



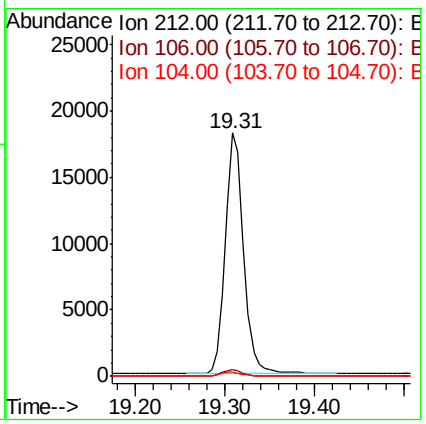


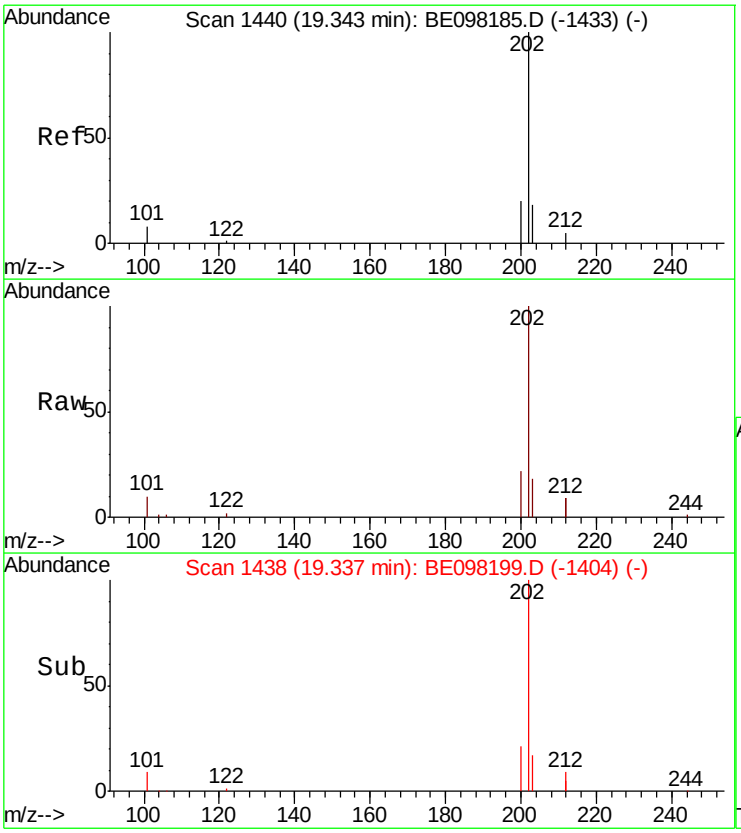
#25
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:212 Resp: 25644

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.4	1.1	1.7

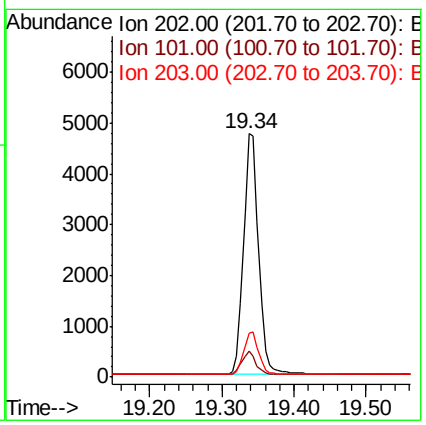


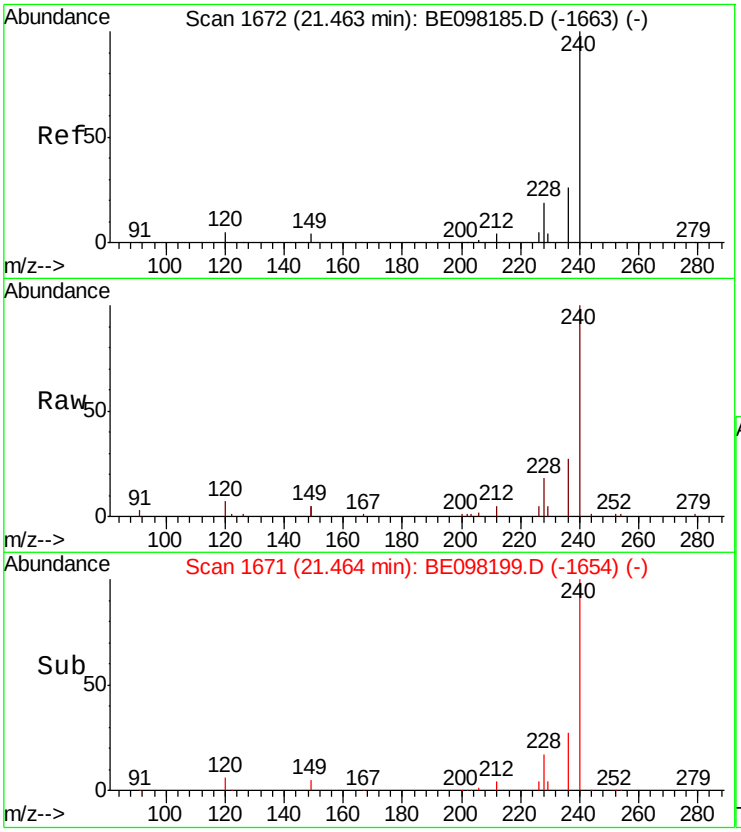


#26
Fluoranthene
Concen: 0.309 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:202 Resp: 6945

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	17.2	13.7	20.5



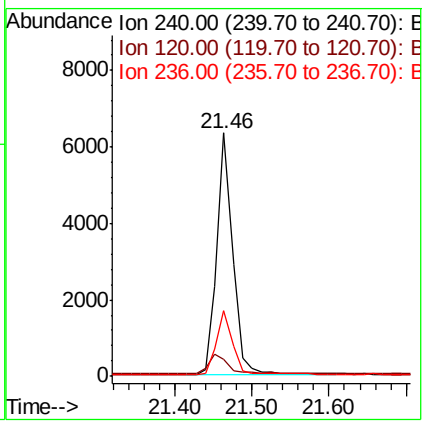


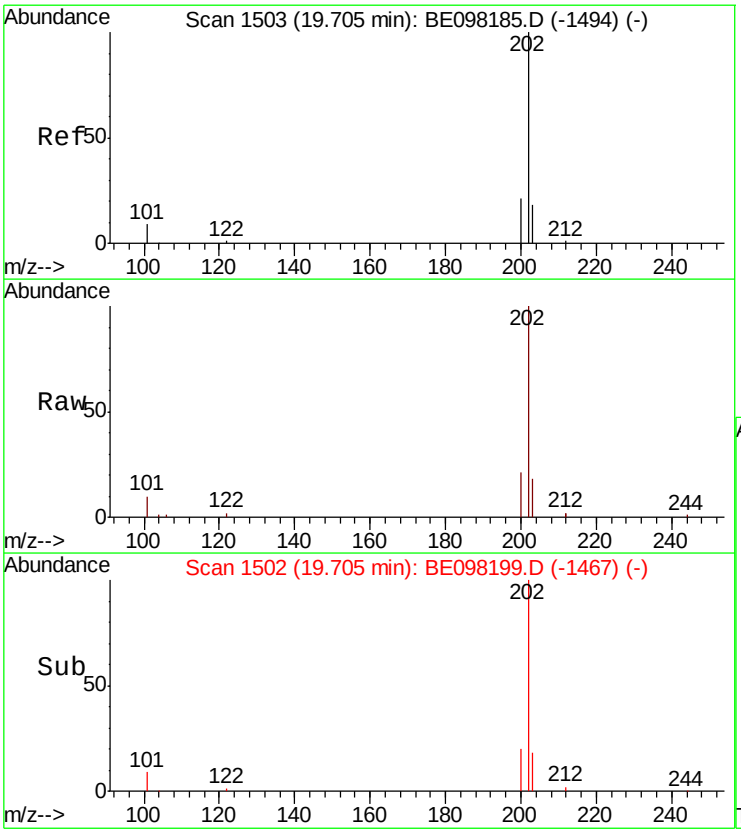
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:240 Resp: 9096

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.8	7.2
236	27.1	21.4	32.0

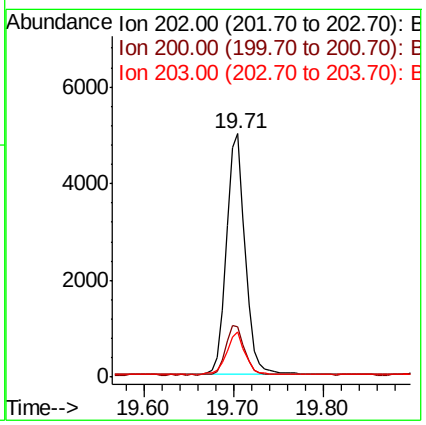


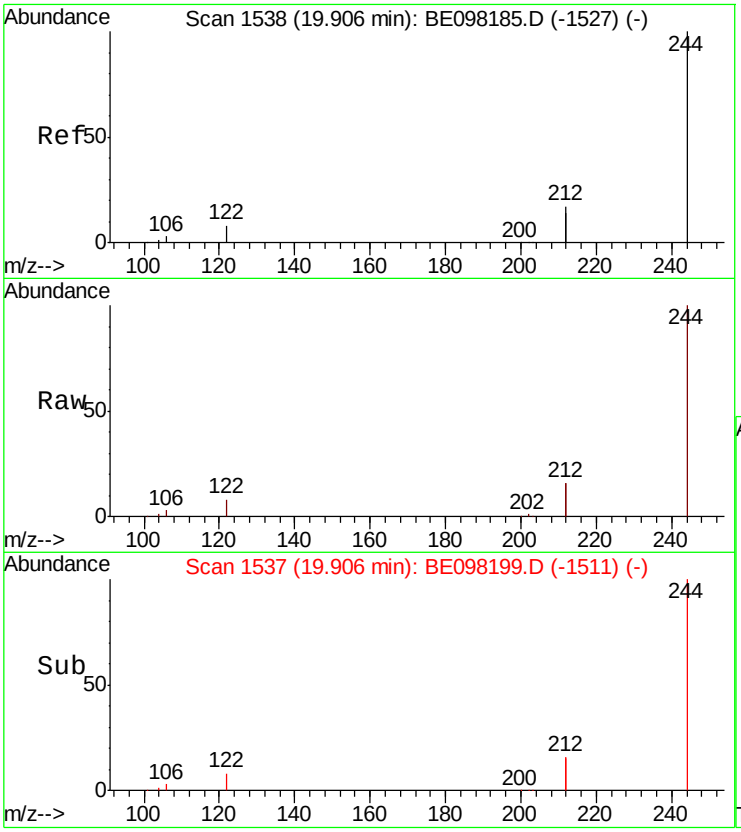


#28
Pyrene
Concen: 0.282 ng
RT: 19.71 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:202 Resp: 7065

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.7	14.2	21.4



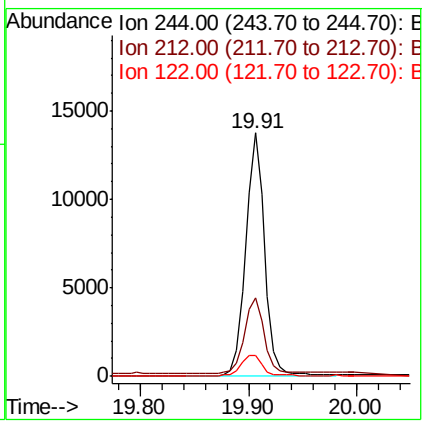


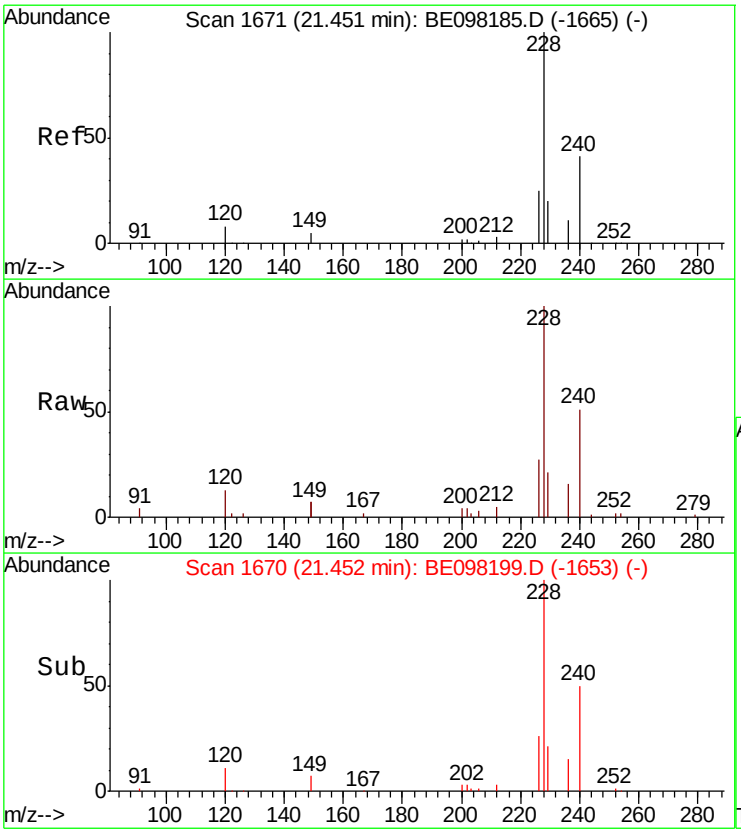
#29
Terphenyl-d14
Concen: 0.799 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:244 Resp: 16494

Ion	Ratio	Lower	Upper
244	100		
212	32.3	26.8	40.2
122	8.5	7.0	10.6

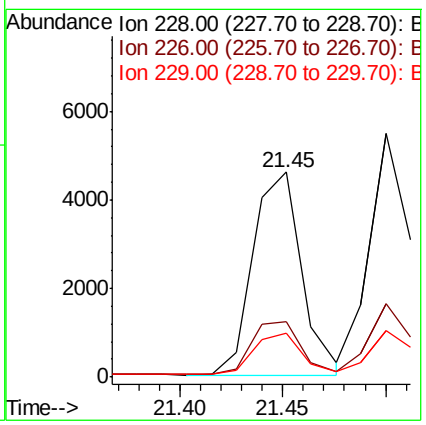


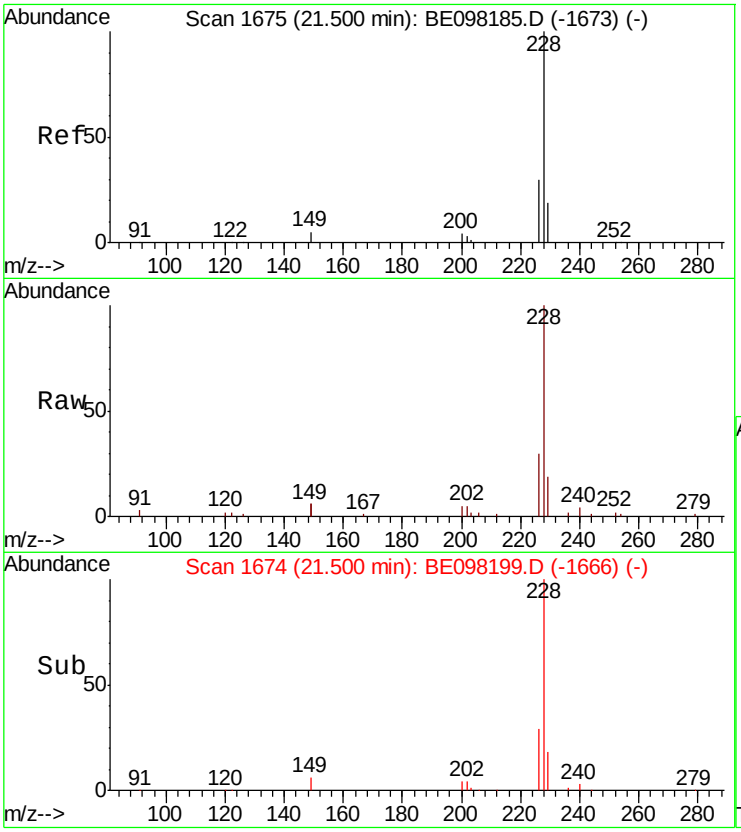


#30
Benzo(a)anthracene
Concen: 0.294 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:228 Resp: 7591

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.7	31.1
229	21.4	16.2	24.4



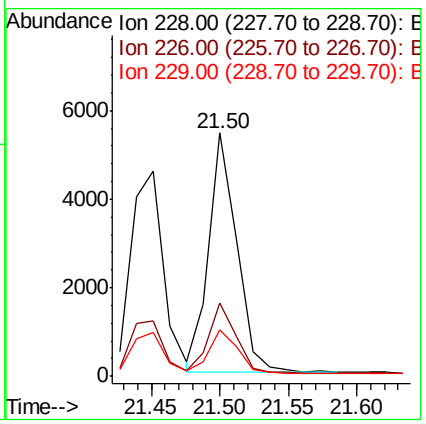


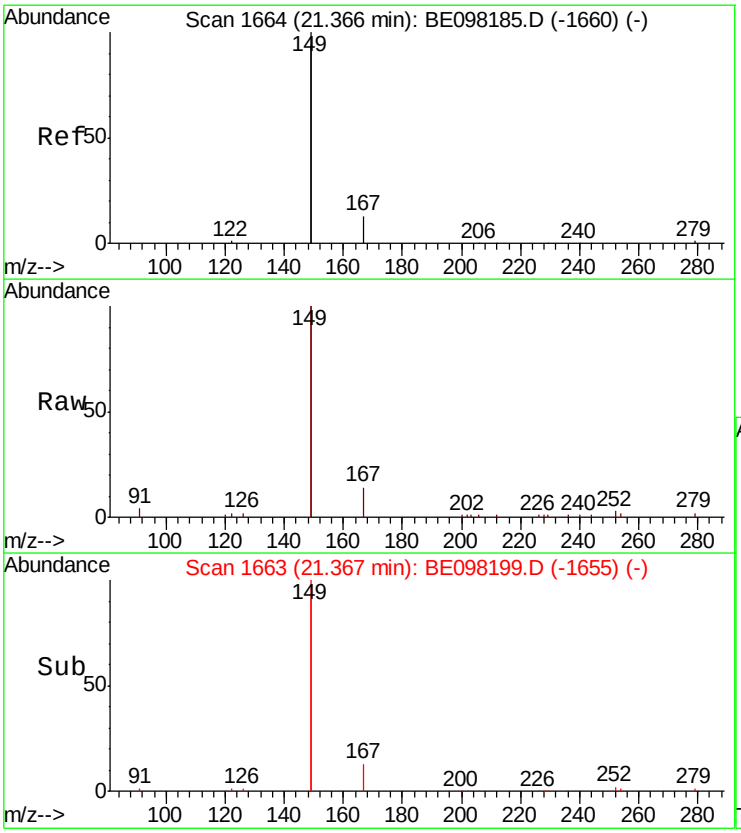
#31
Chrysene
Concen: 0.293 ng
RT: 21.50 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:228 Resp: 7682

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.1	16.0	24.0

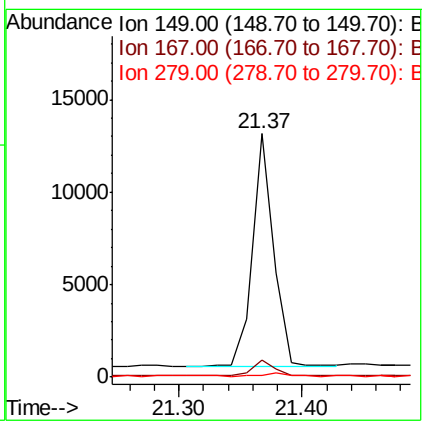


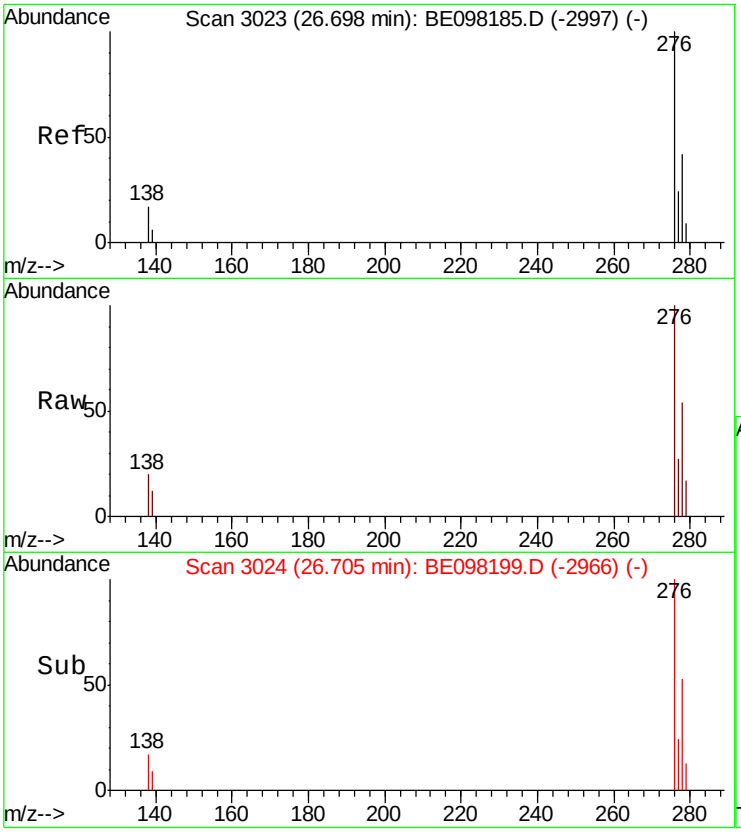


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.279 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:149 Resp: 14960

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.6	8.4
279	1.2	0.9	1.3



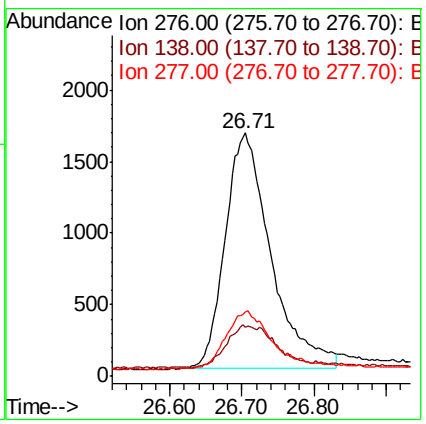


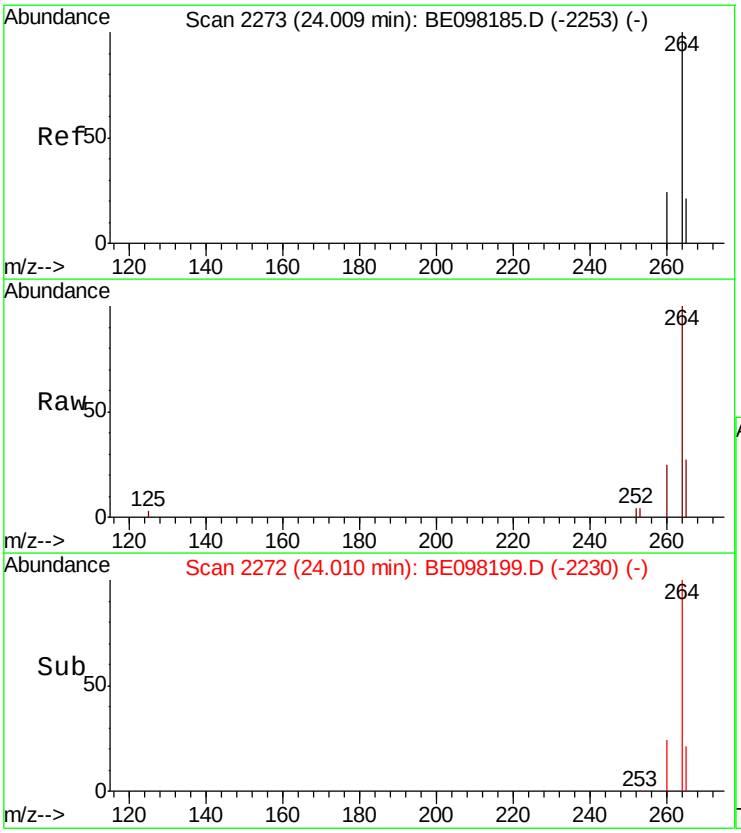
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng
RT: 26.71 min Scan# 3024
Delta R.T. 0.01 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:276 Resp: 7130

Ion	Ratio	Lower	Upper
276	100		
138	11.4	6.4	9.6#
277	25.1	18.9	28.3

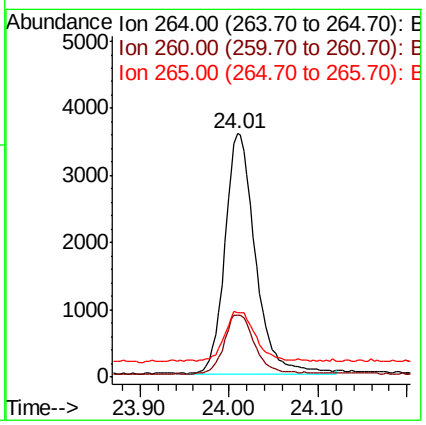


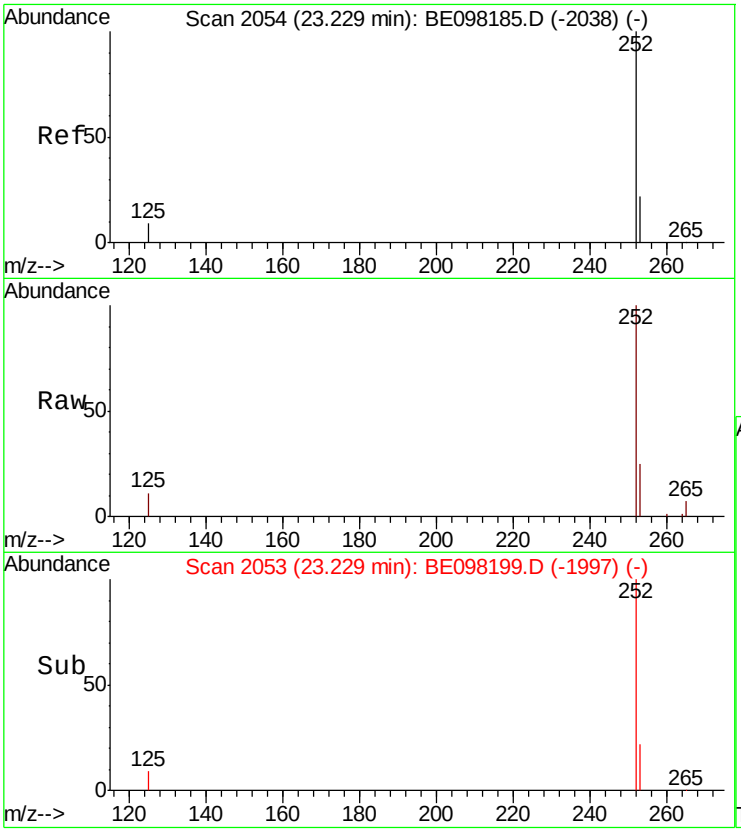


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:264 Resp: 8491

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.9	29.9
265	26.5	21.3	31.9



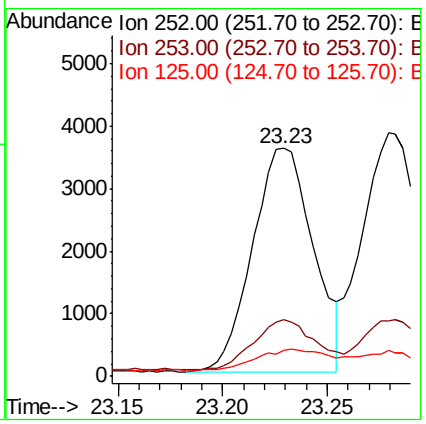


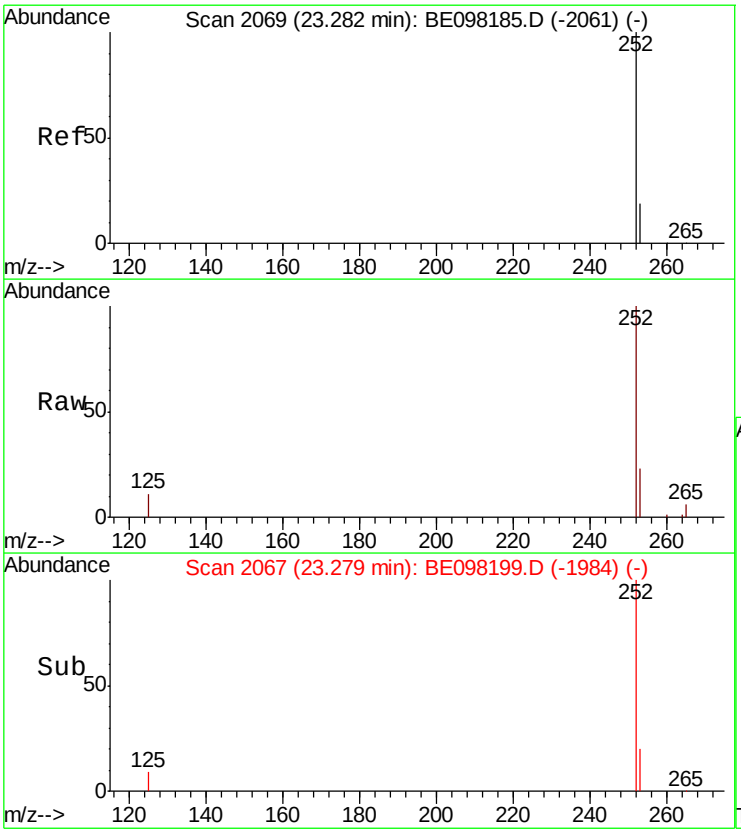
#35
Benzo(b)fluoranthene
Concen: 0.300 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:252 Resp: 7218

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.0
125	11.4	8.6	12.8

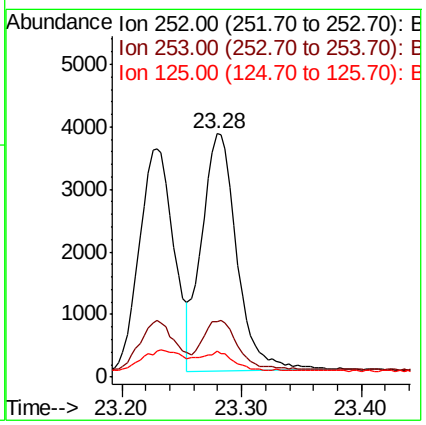


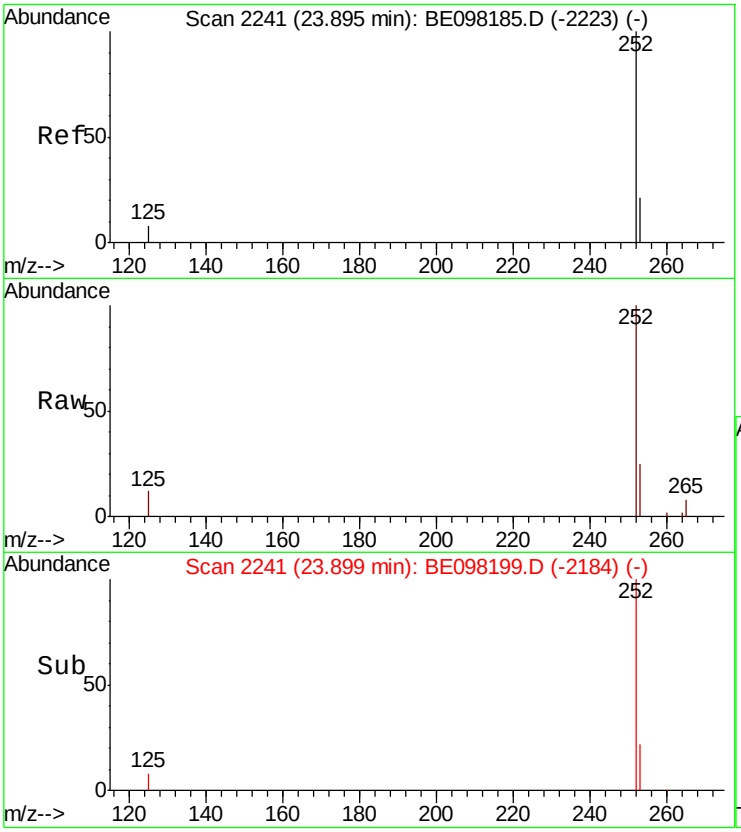


#36
Benzo(k)fluoranthene
Concen: 0.302 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:252 Resp: 7679

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	10.8	7.4	11.0



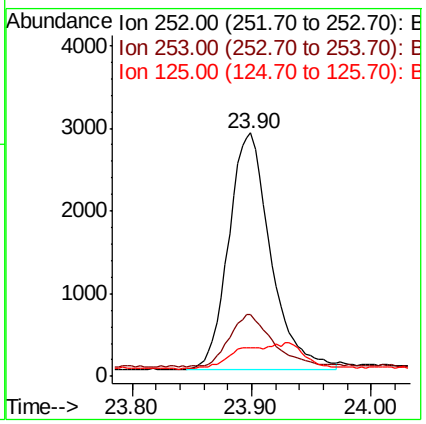


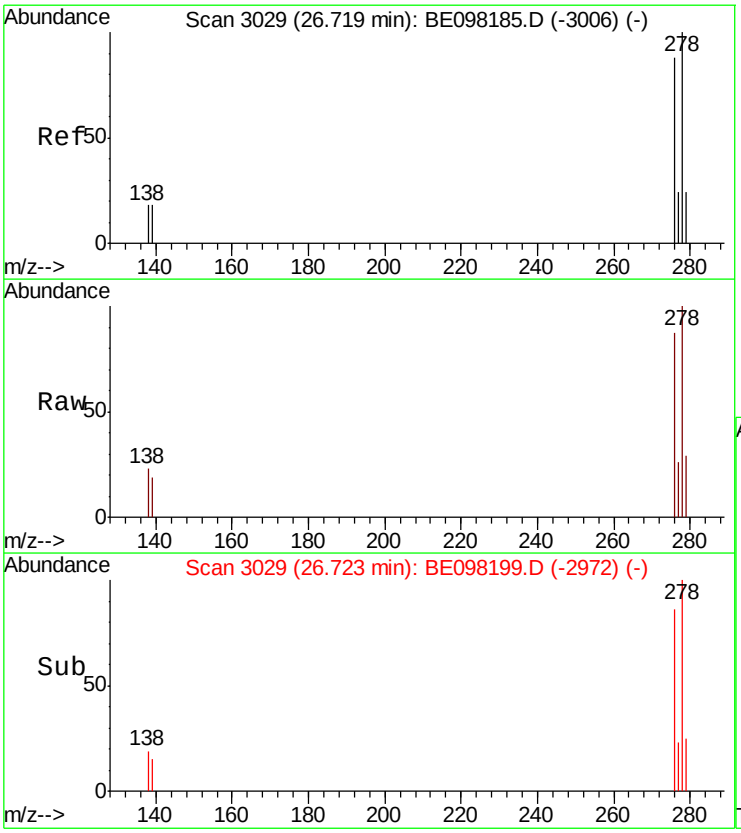
#37
Benzo(a)pyrene
Concen: 0.302 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:252 Resp: 6974

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.6	27.8
125	11.8	8.0	12.0

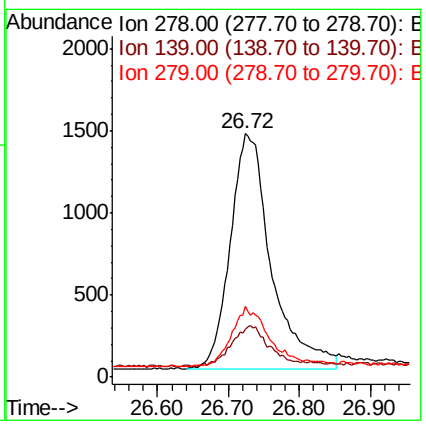


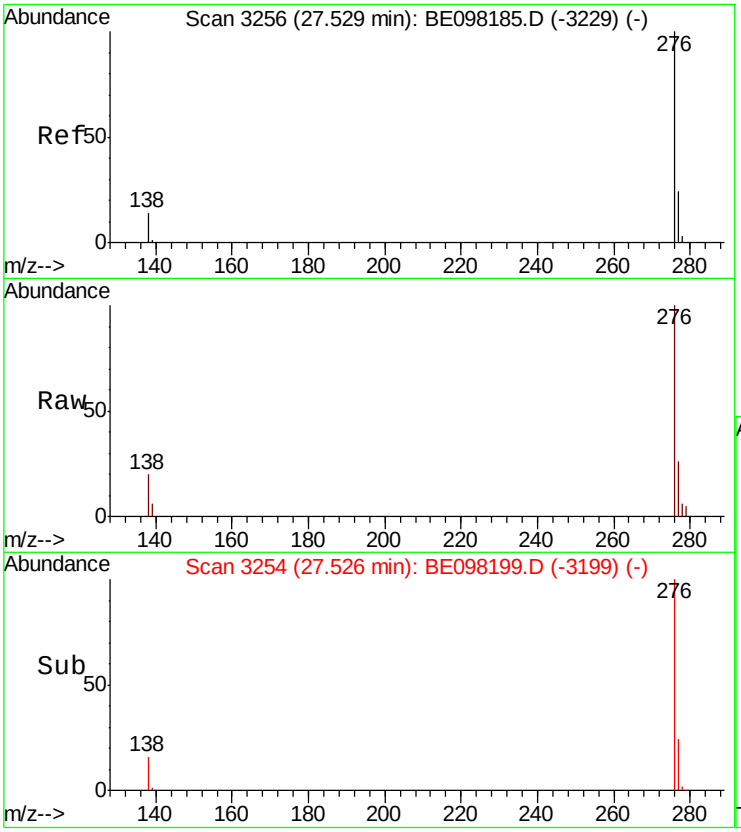


#38
Dibenzo(a,h)anthracene
Concen: 0.295 ng
RT: 26.72 min Scan# 3029
Delta R.T. 0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Tgt Ion:278 Resp: 5814

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.4	24.6
279	29.2	21.3	31.9





#39
Benzo(g,h,i)perylene
Concen: 0.296 ng
RT: 27.53 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BE098199.D
Acq: 12 Nov 2018 21:17

Instrument :
BNA_E
ClientSampleId :
PB114586BS

Tgt Ion:276 Resp: 6072

Ion	Ratio	Lower	Upper
276	100		
277	26.5	20.4	30.6
138	20.0	13.2	19.8#