Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\

Quantitation Report (Not Reviewed)

Data File : BE098498.D
Acq On : 16 Dec 2018 8:39
Operator : SJ/JU
Sample : J6398-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-11-121118

Quant Time: Dec 17 02:04:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	804	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3250	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2375	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	5781	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7408	0.40	ng	-0.01
34) Perylene-d12	24.00	264	7027	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	373	0.20	ng	0.01
5) Phenol-d6	7.03	99	305	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1089	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2434	0.46	ng	-0.02
14) 2,4,6-Tribromophenol	16.02	330	459	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	4029	0.40	ng	0.00
25) Fluoranthene-d10	19.30	212	38299	0.52	ng	-0.01
29) Terphenyl-d14	19.90	244	7813	0.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	33	0.024	ng	# 12
6) bis(2-Chloroethyl)ether	7.19	93	89	0.035	ng	# 1
22) Pentachlorophenol	16.90	266	15	0.046	ng	# 78
23) Phenanthrene	17.31	178	413	0.029	ng	# 93
26) Fluoranthene	19.33	202	1114	0.060	ng	98
28) Pyrene	19.69	202	868	0.037	ng	# 87
30) Benzo(a)anthracene	21.44	228	446	0.021	ng	# 46
31) Chrysene	21.50	228	722	0.033	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.35	149	12544	0.293	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.69	276	517	0.024	ng	# 78
35) Benzo(b)fluoranthene	23.22	252	1249	0.065	ng	# 1
36) Benzo(k)fluoranthene	23.22	252	1249	0.056	ng	# 1
37) Benzo(a)pyrene	23.88	252	511	0.026	ng	# 1

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

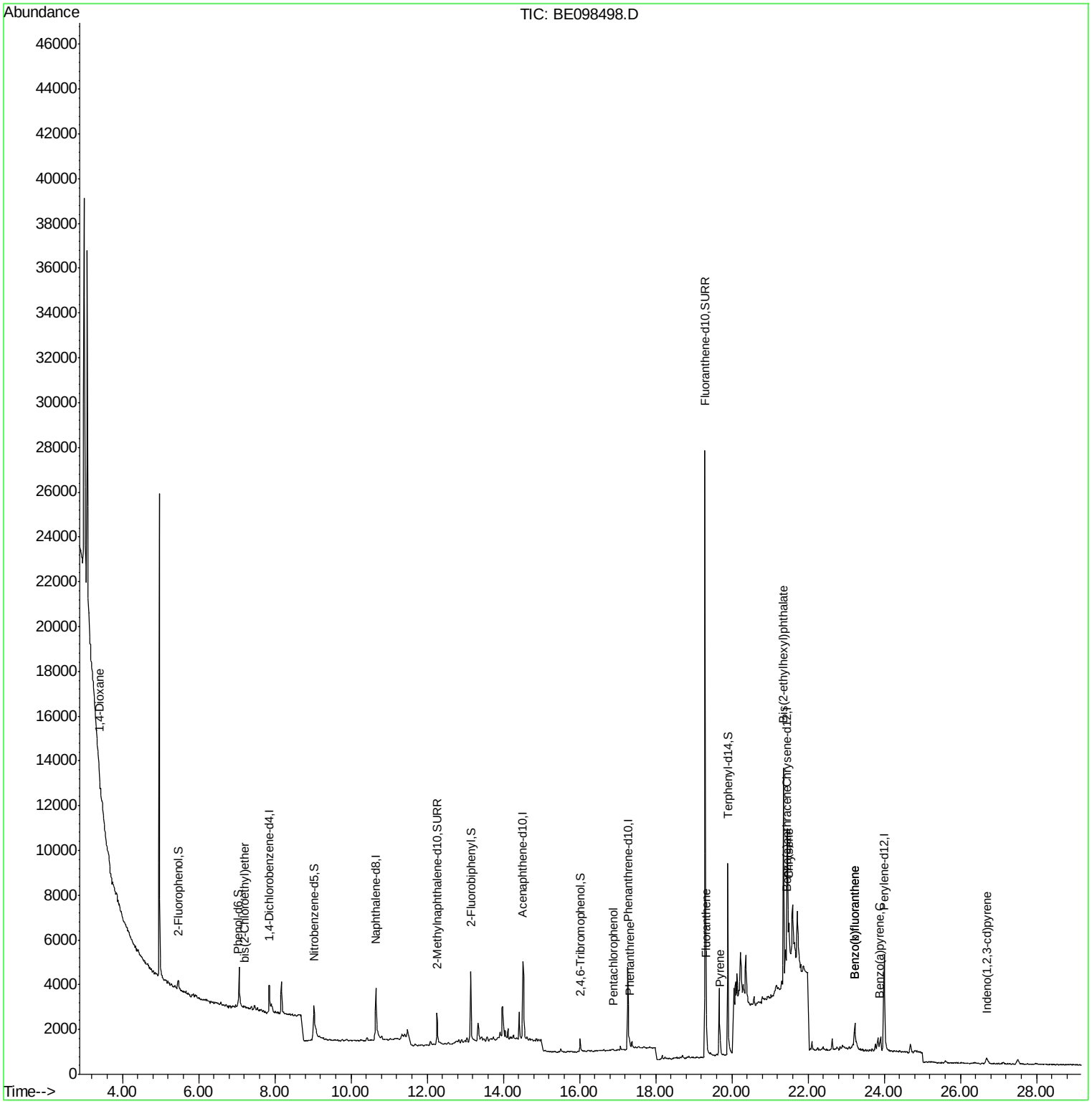
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121518\

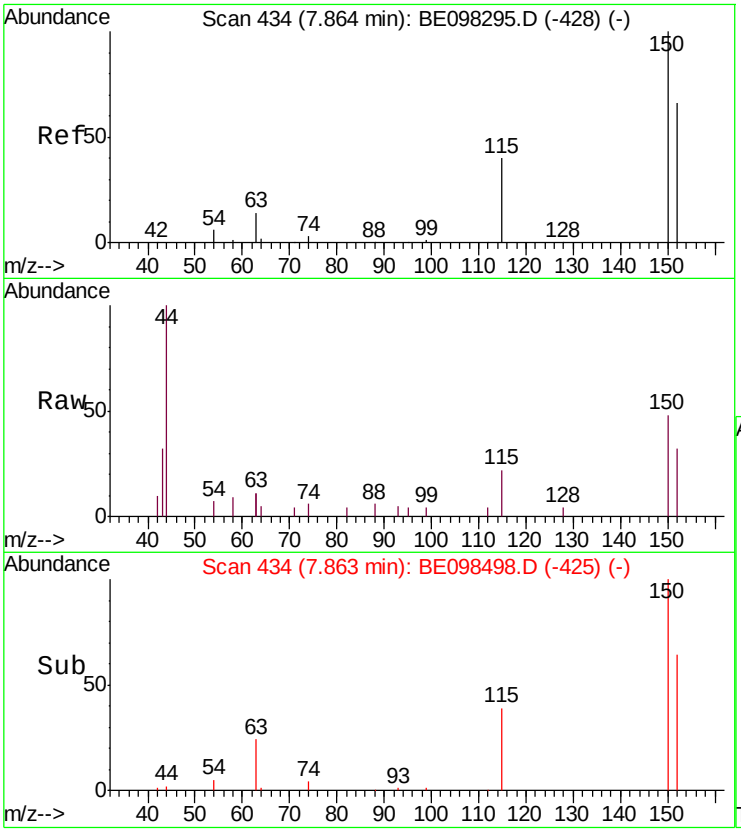
Quantitation Report (Not Reviewed)

Data File : BE098498.D
Acq On : 16 Dec 2018 8:39
Operator : SJ/JU
Sample : J6398-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-11-121118

Quant Time: Dec 17 02:04:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



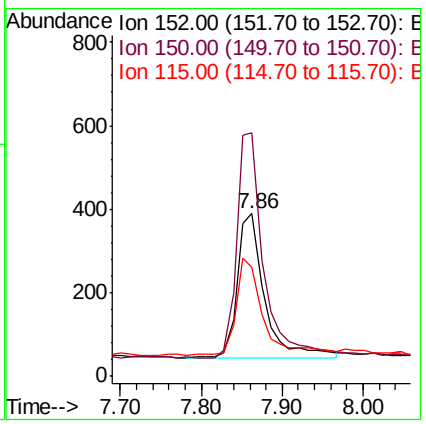


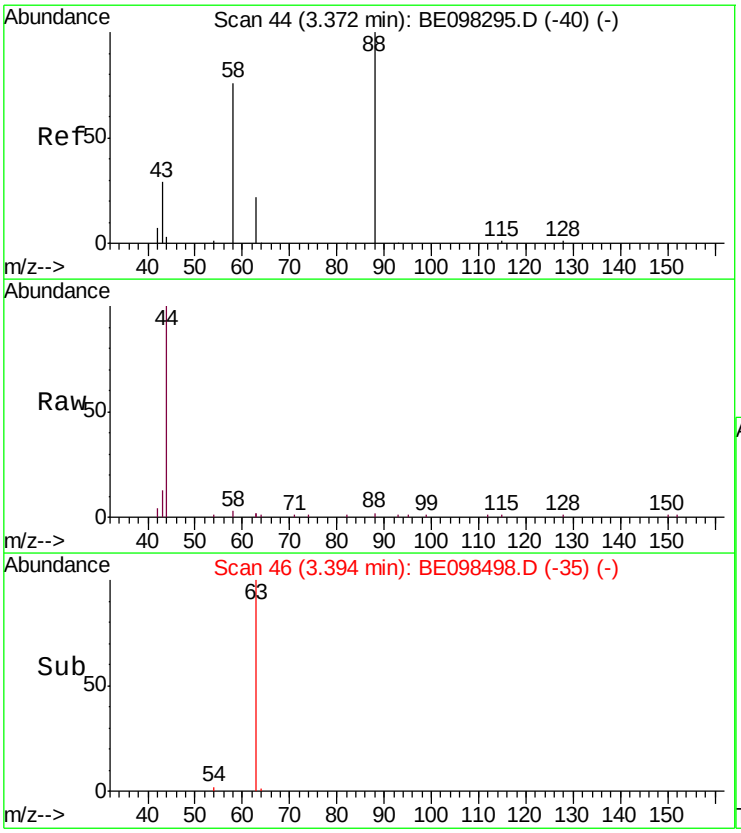
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:152 Resp: 804

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.2	186.4
115	67.4	53.9	80.9

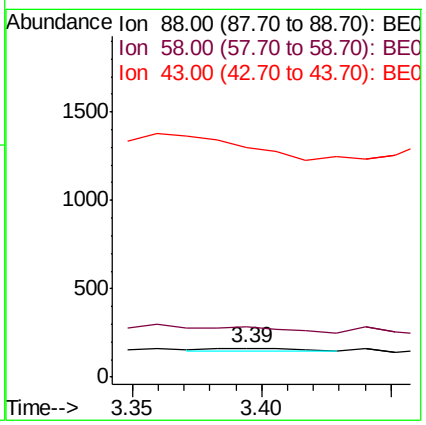


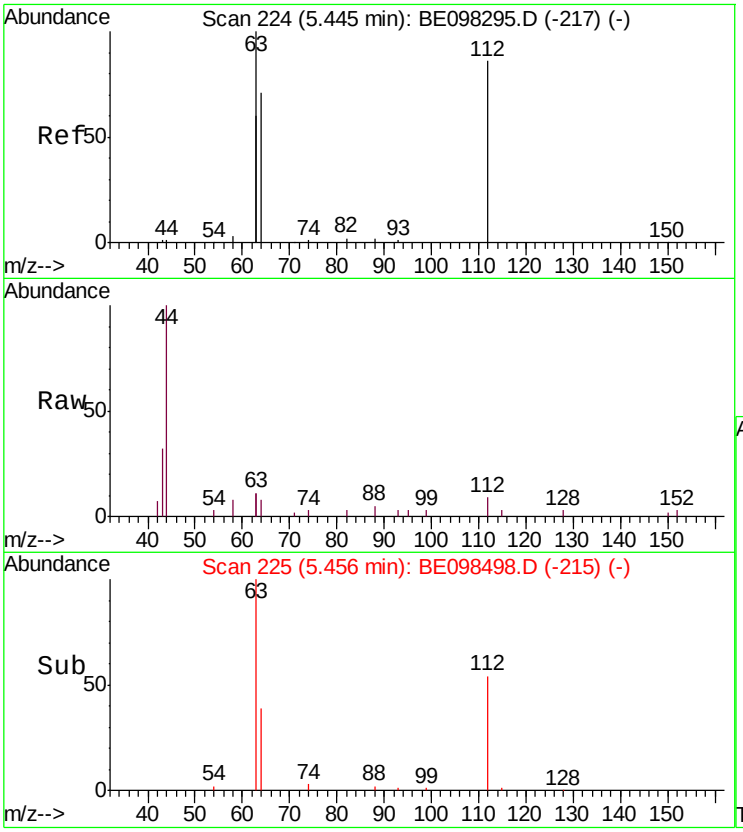


#2
1,4-Dioxane
Concen: 0.024 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.02 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
58	0.0	75.0	112.6#
43	0.0	38.3	57.5#



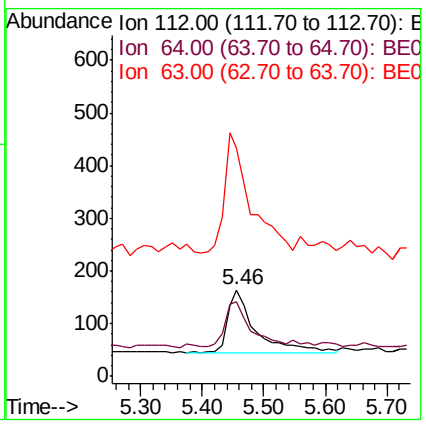


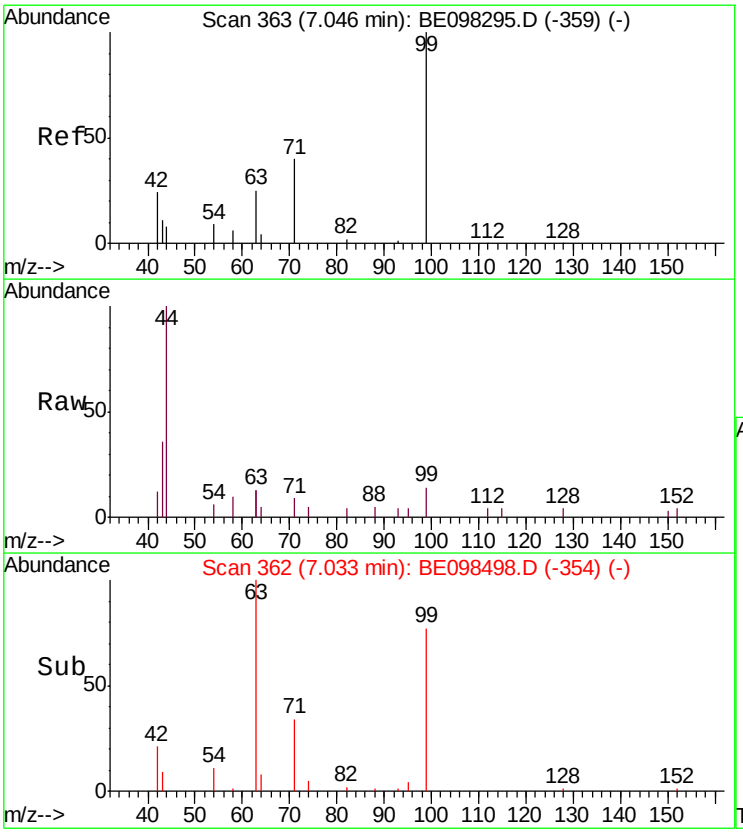
#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:112 Resp: 373

Ion	Ratio	Lower	Upper
112	100		
64	68.6	59.8	89.8
63	178.3	133.7	200.5

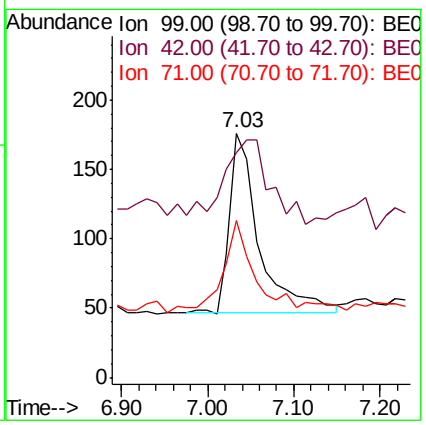


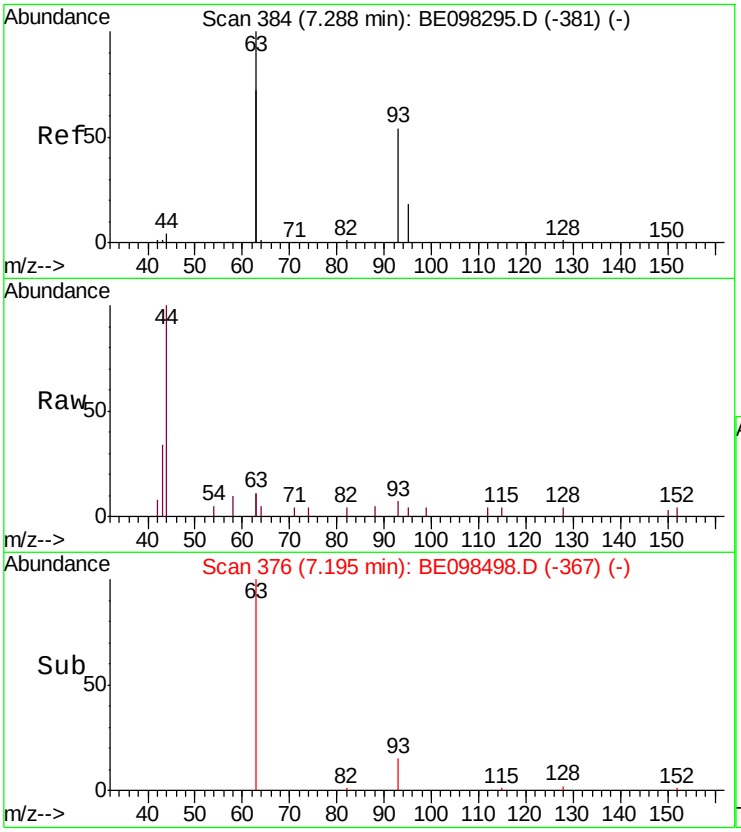


#5
Phenol-d6
Concen: 0.114 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion: 99 Resp: 305

Ion	Ratio	Lower	Upper
99	100		
42	65.9	26.3	39.5#
71	46.6	33.6	50.4



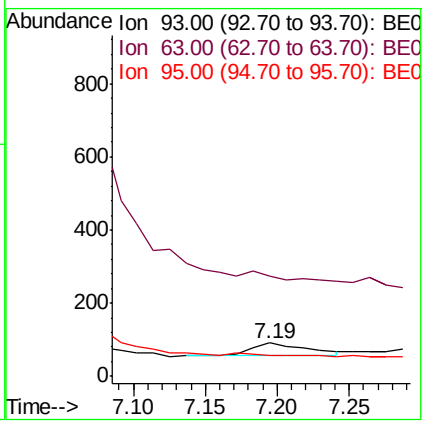


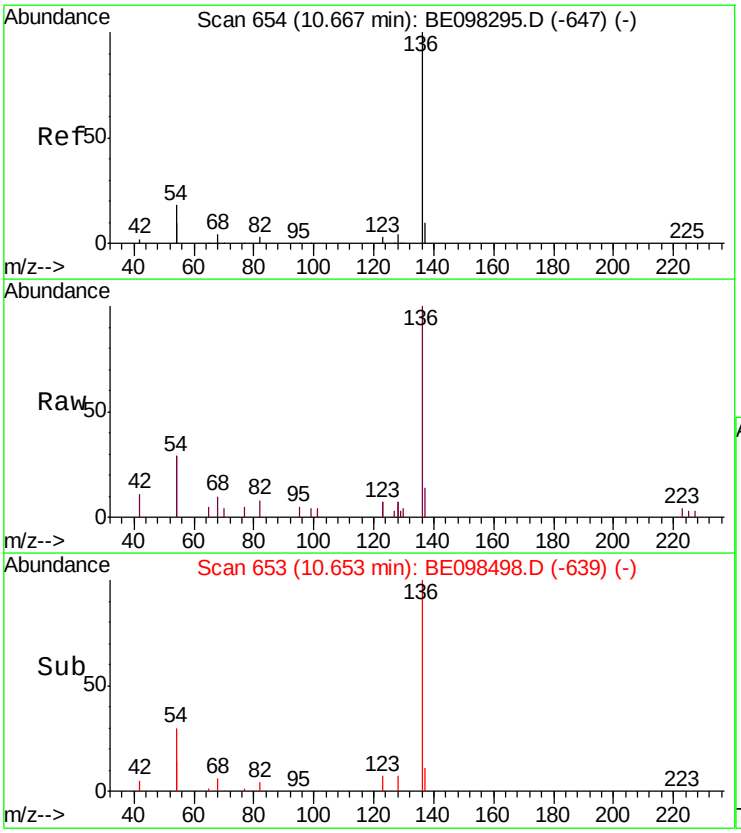
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.09 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion: 93 Resp: 89

Ion	Ratio	Lower	Upper
93	100		
63	0.0	264.4	396.6#
95	0.0	26.6	40.0#

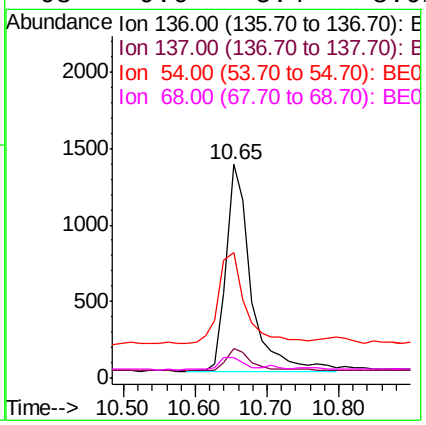


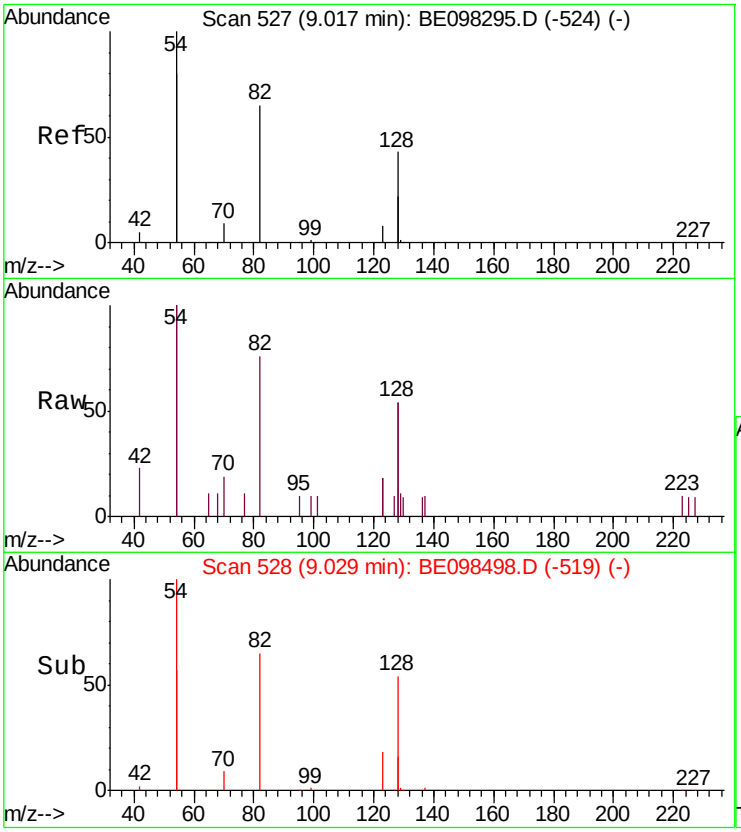


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:136 Resp: 3250

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.2	13.8
54	58.5	28.4	42.6#
68	9.6	5.4	8.0#



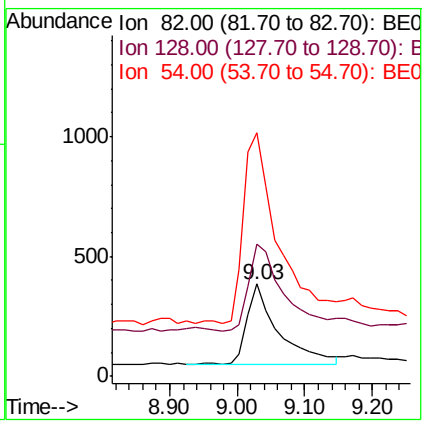


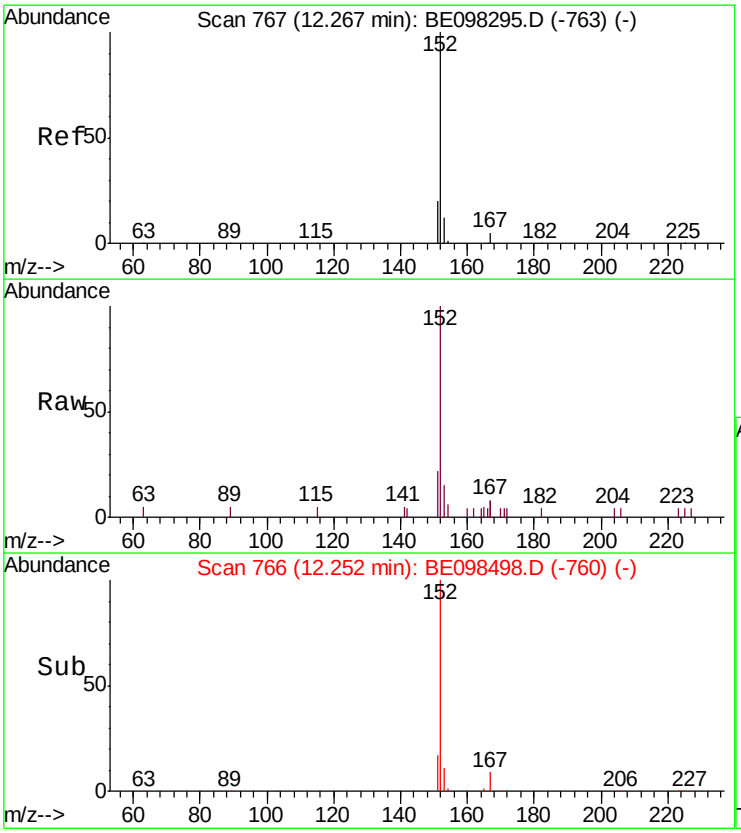
#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion: 82 Resp: 1089

Ion	Ratio	Lower	Upper
82	100		
128	143.2	102.4	153.6
54	264.6	221.8	332.8

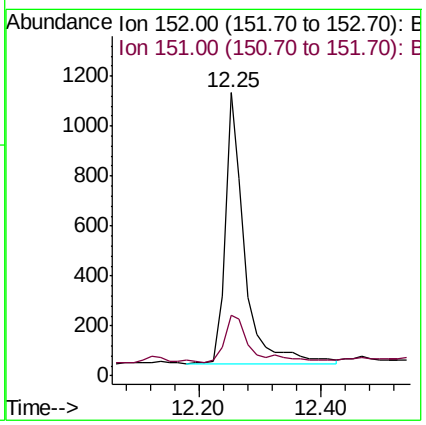


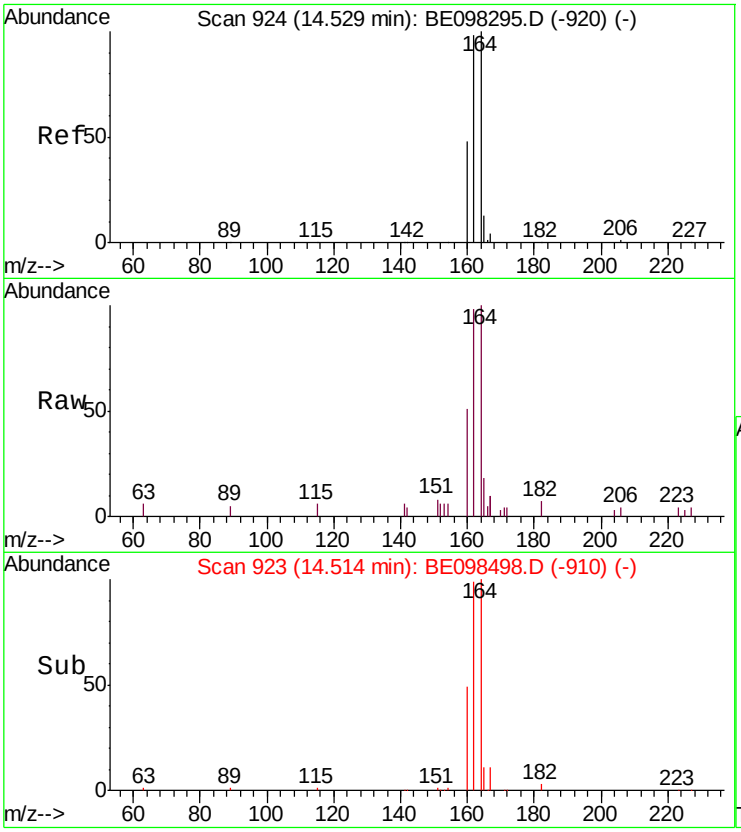


#11
2-Methylnaphthalene-d10
Concen: 0.461 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.02 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:152 Resp: 2434

Ion	Ratio	Lower	Upper
152	100		
151	24.6	16.2	24.4#



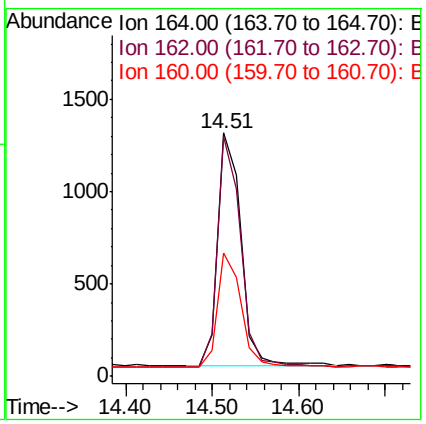


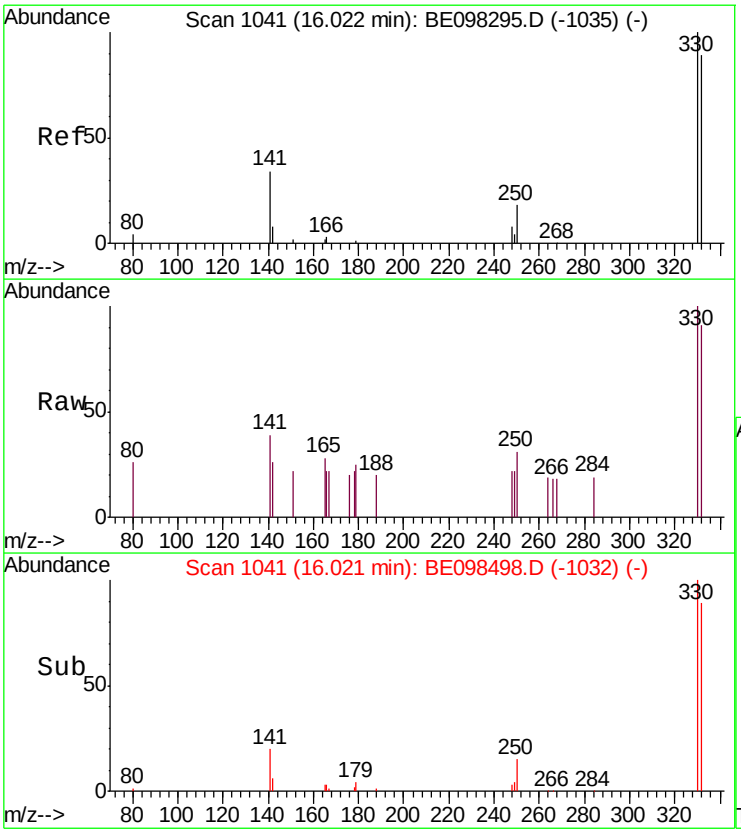
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:164 Resp: 2375

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.6	116.4
160	50.8	36.0	54.0

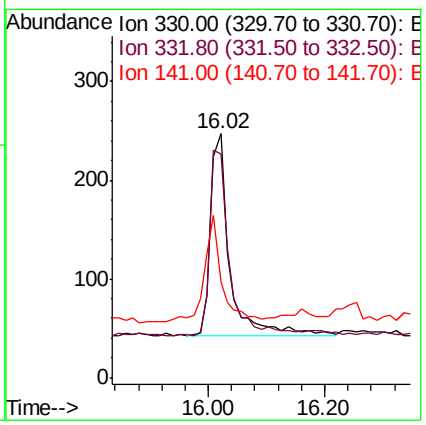


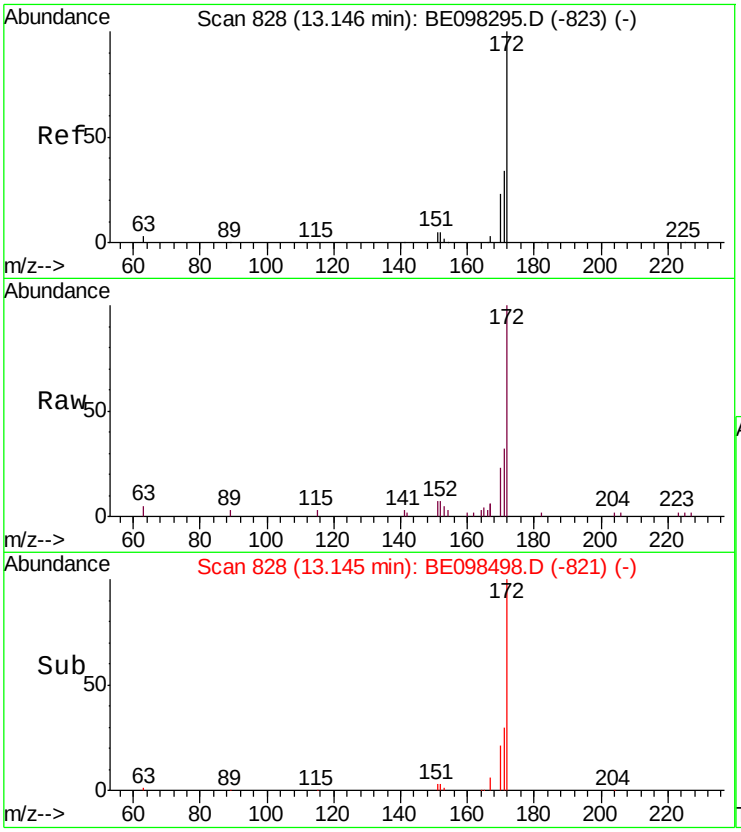


#14
2,4,6-Tribromophenol
Concen: 0.526 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.2	114.4
141	46.8	39.0	58.4



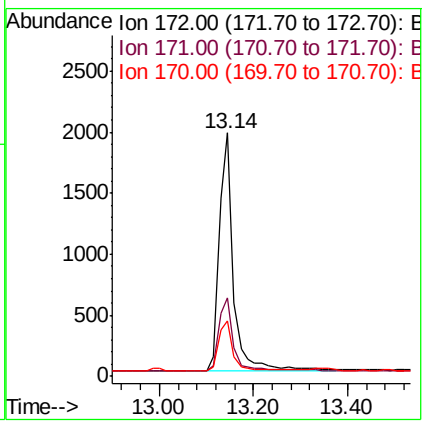


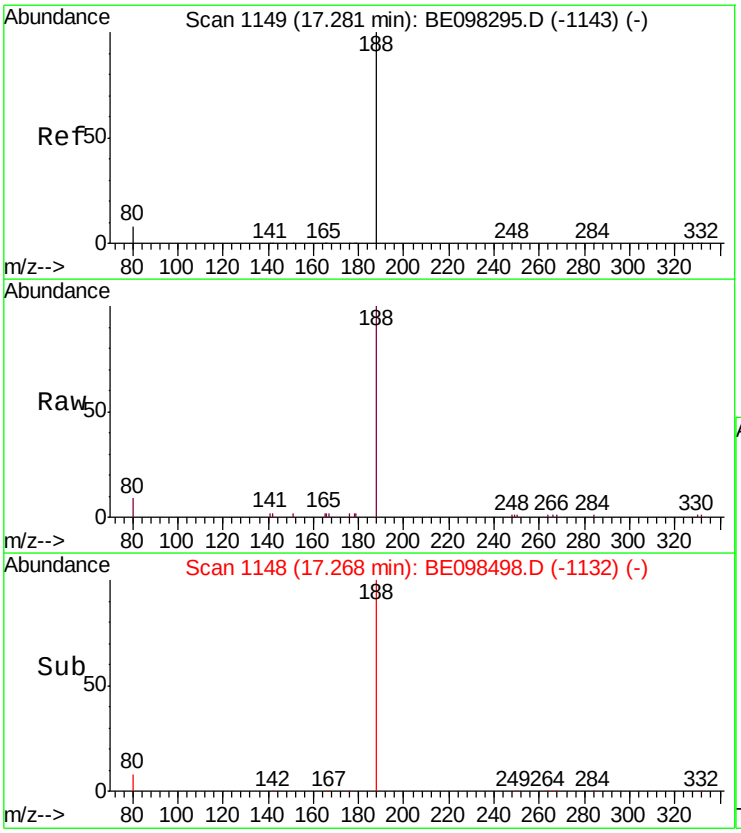
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:172 Resp: 4029

Ion	Ratio	Lower	Upper
172	100		
171	32.1	27.5	41.3
170	22.8	19.6	29.4

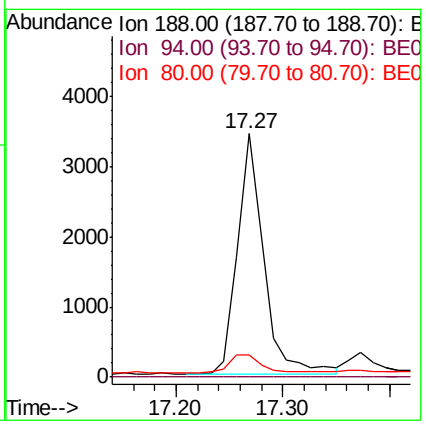


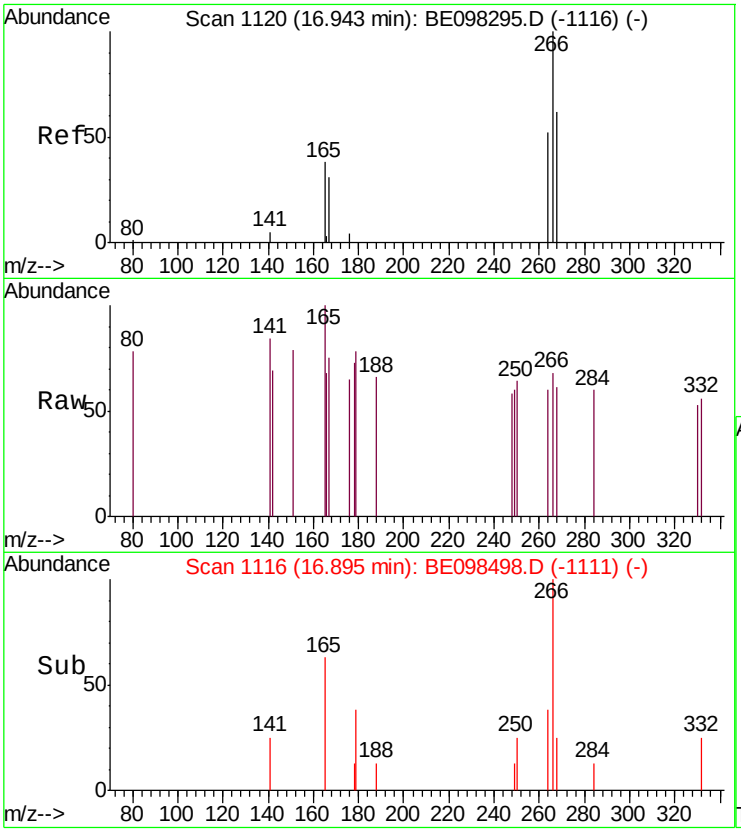


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:188 Resp: 5781

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.2	10.8



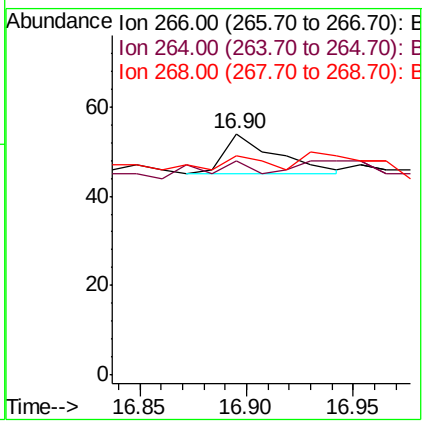


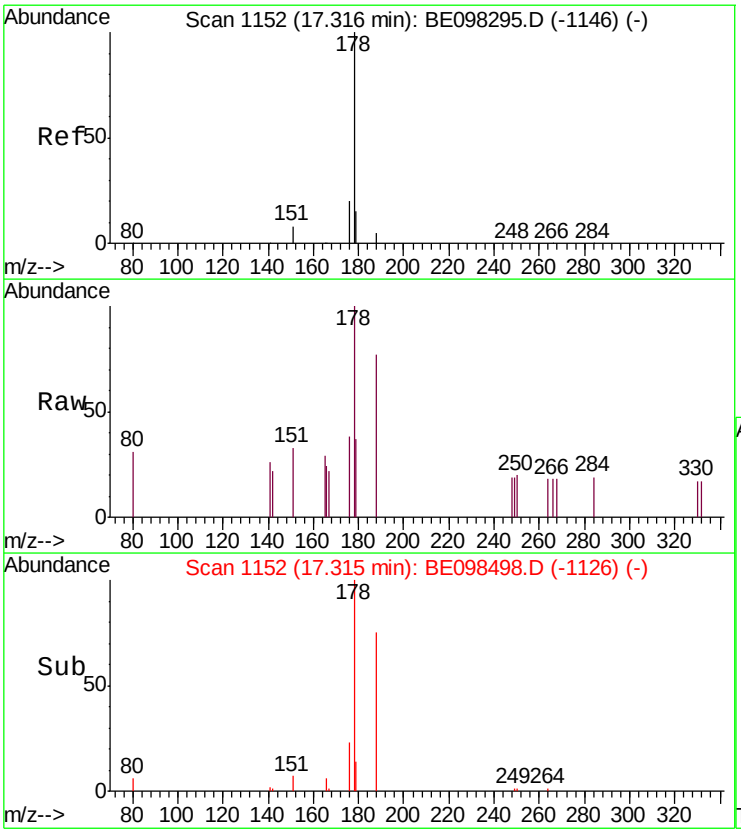
#22
Pentachlorophenol
Concen: 0.046 ng
RT: 16.90 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	88.9	59.0	88.4#
268	90.7	55.1	82.7#

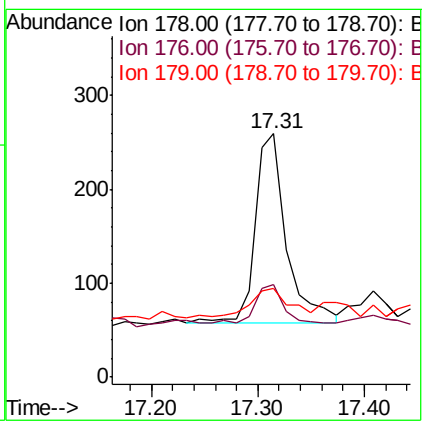


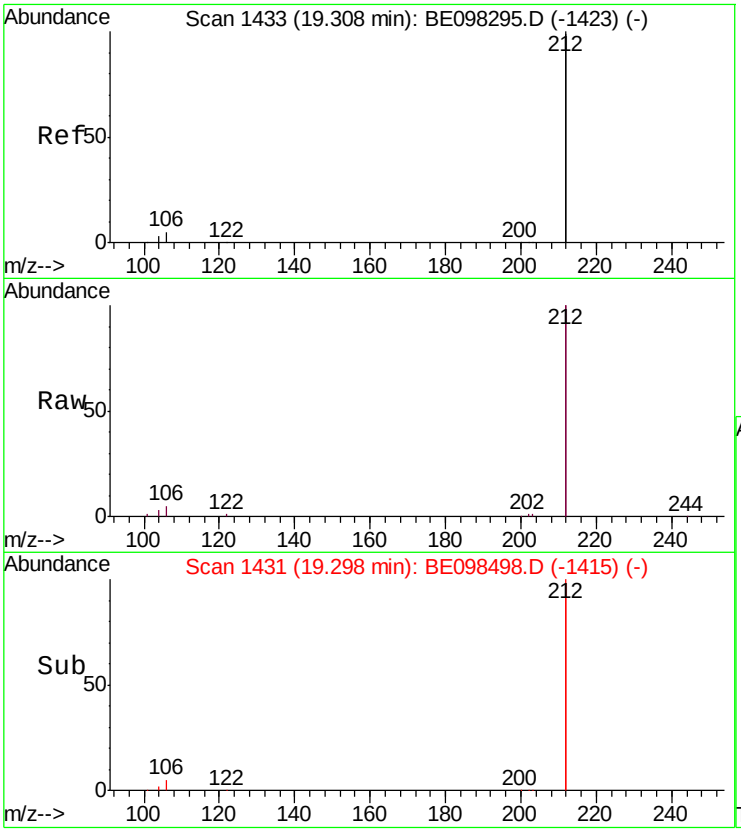


#23
Phenanthrene
Concen: 0.029 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:178 Resp: 413

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	20.1	12.3	18.5#



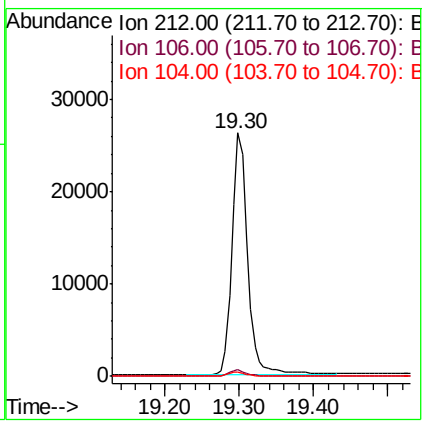


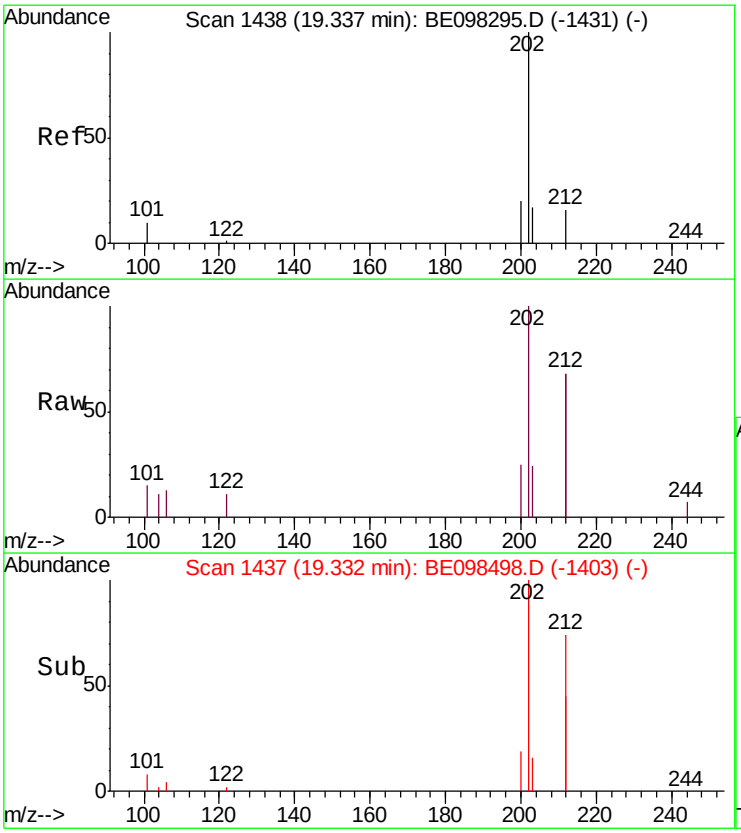
#25
Fluoranthene-d10
Concen: 0.516 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:212 Resp: 38299

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.4	1.3	1.9

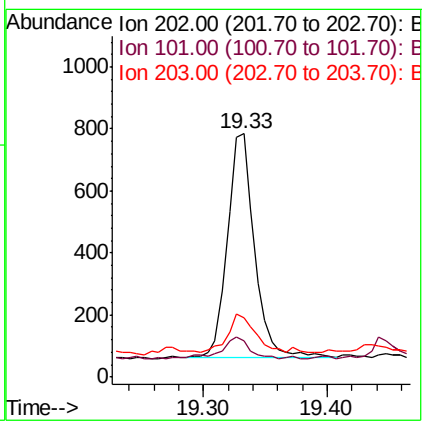


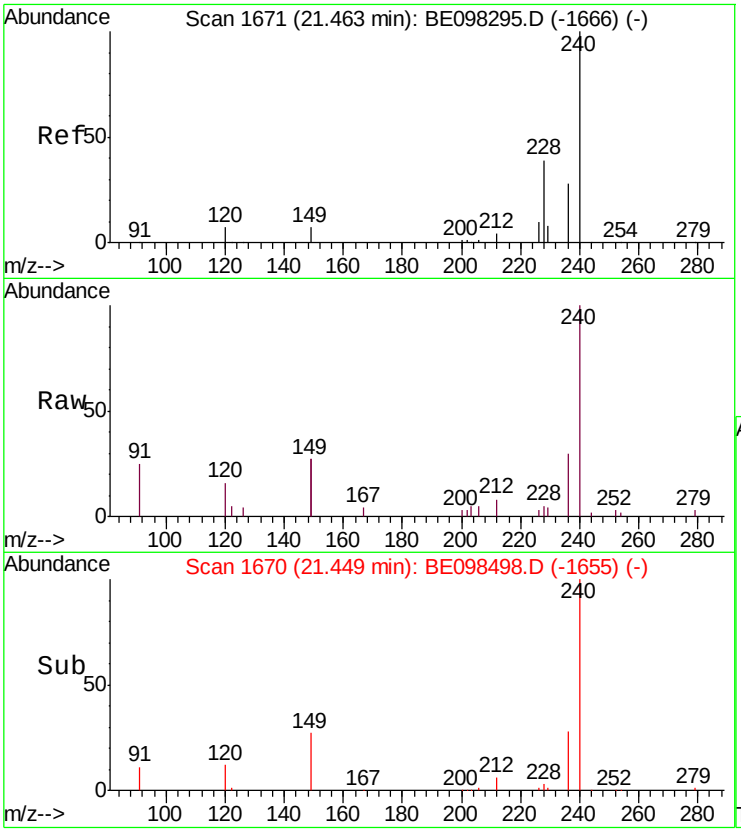


#26
Fluoranthene
Concen: 0.060 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:202 Resp: 1114

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.0	12.0
203	17.7	13.8	20.6



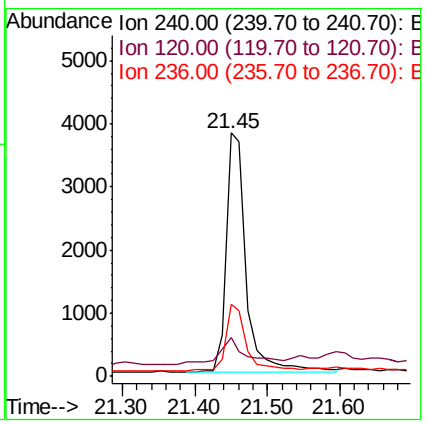


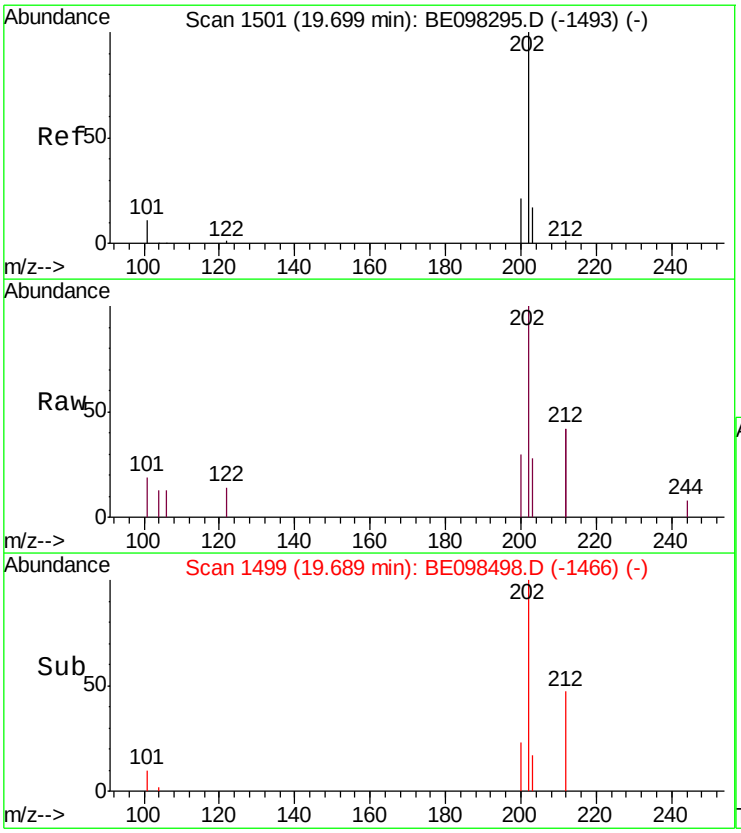
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:240 Resp: 7408

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	29.8	22.7	34.1

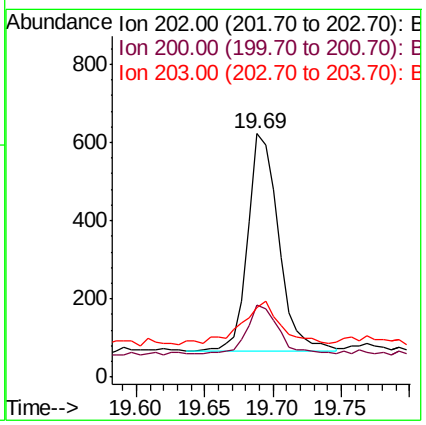


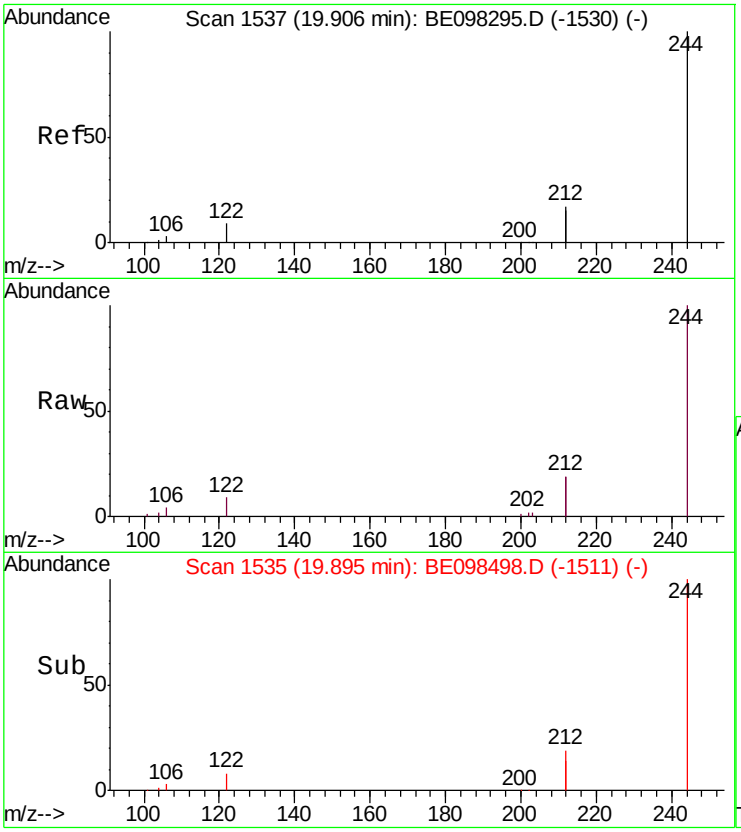


#28
Pyrene
Concen: 0.037 ng
RT: 19.69 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:202 Resp: 868

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.7	25.1
203	26.8	14.1	21.1#



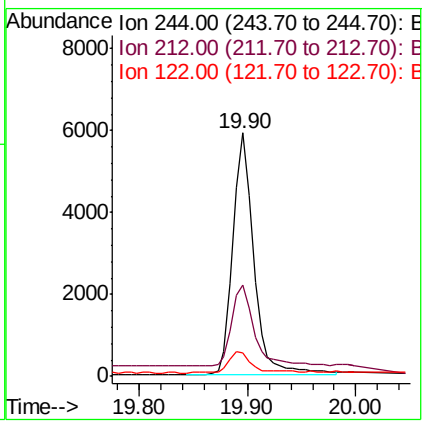


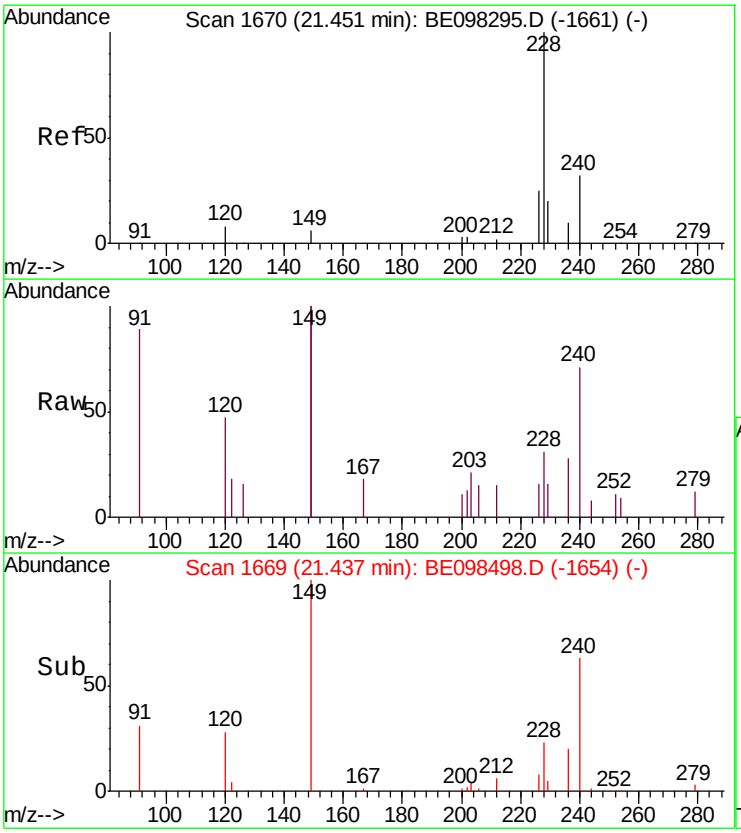
#29
Terphenyl-d14
Concen: 0.434 ng
RT: 19.90 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:244 Resp: 7813

Ion	Ratio	Lower	Upper
244	100		
212	37.3	27.4	41.0
122	9.5	8.3	12.5

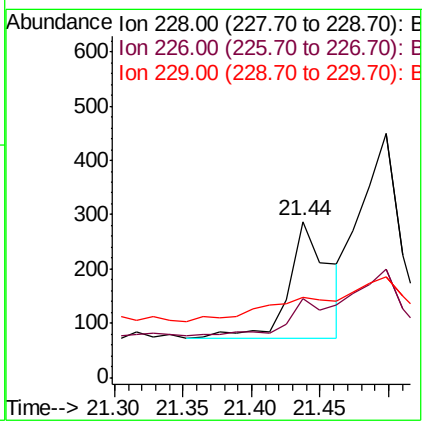


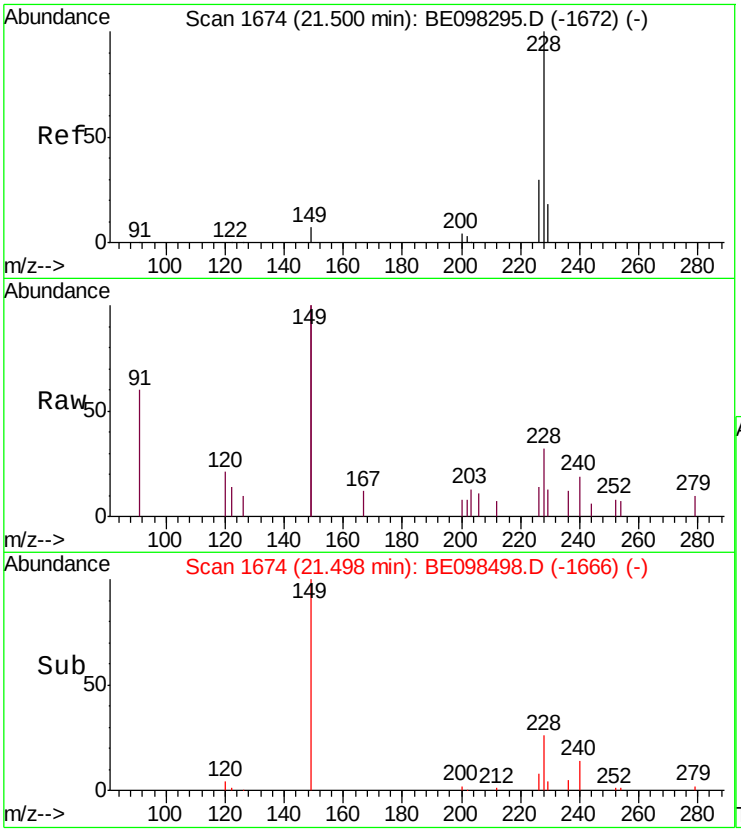


#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:228 Resp: 446

Ion	Ratio	Lower	Upper
228	100		
226	50.9	21.8	32.8#
229	51.2	16.3	24.5#



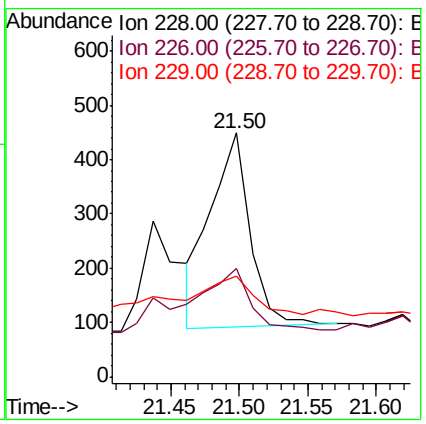


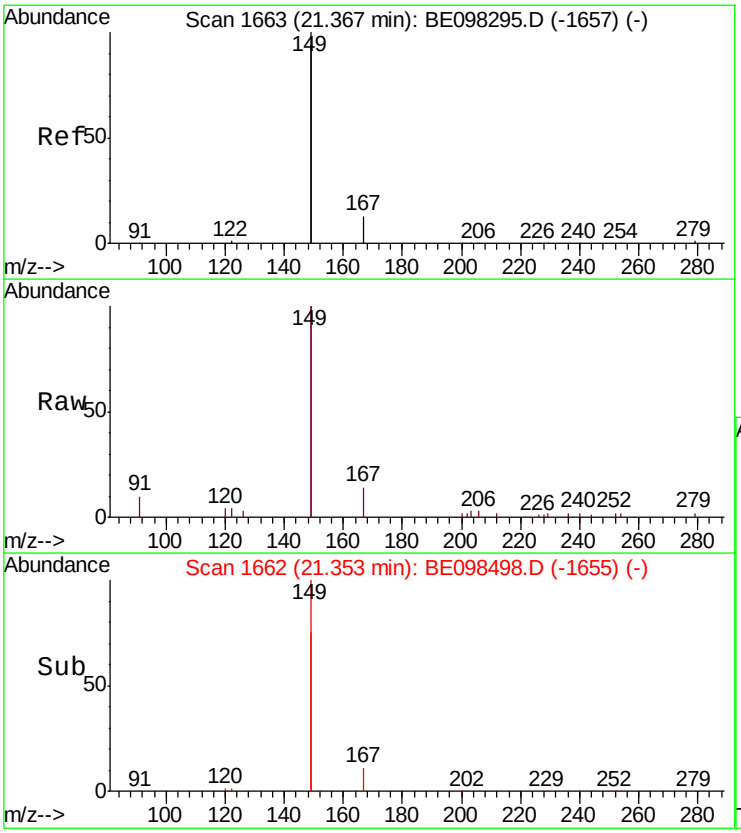
#31
Chrysene
Concen: 0.033 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:228 Resp: 722

Ion	Ratio	Lower	Upper
228	100		
226	44.3	23.4	35.0#
229	41.2	16.2	24.4#

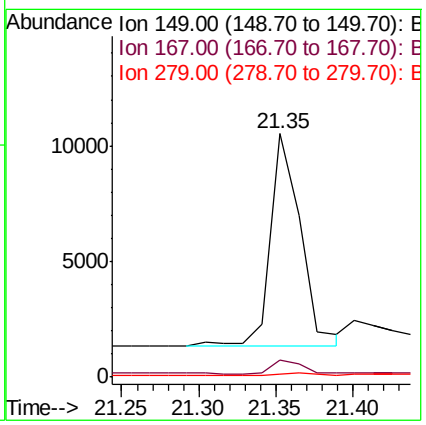


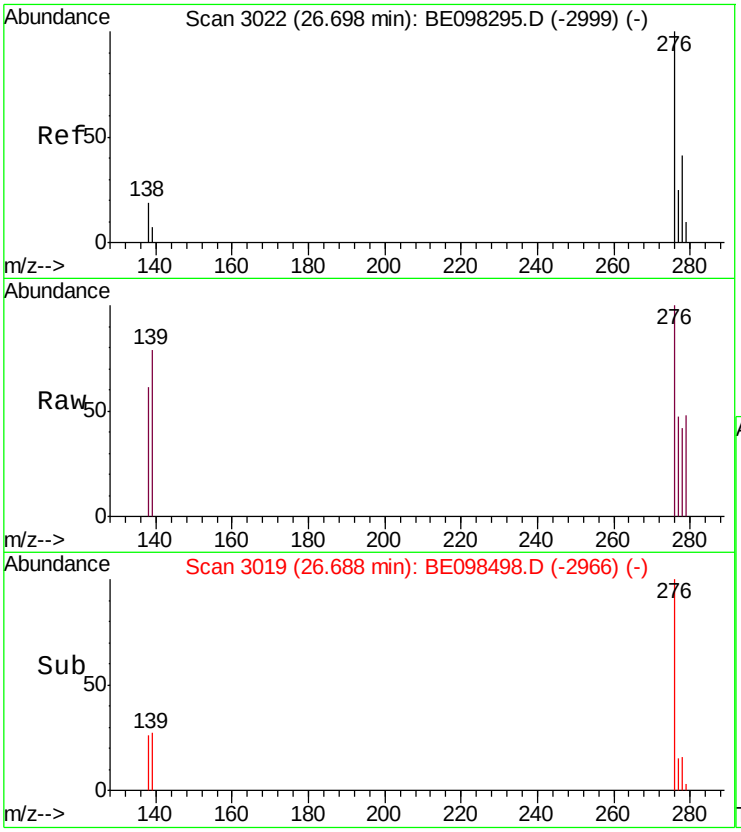


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:149 Resp: 12544

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	0.9	1.0	1.4#



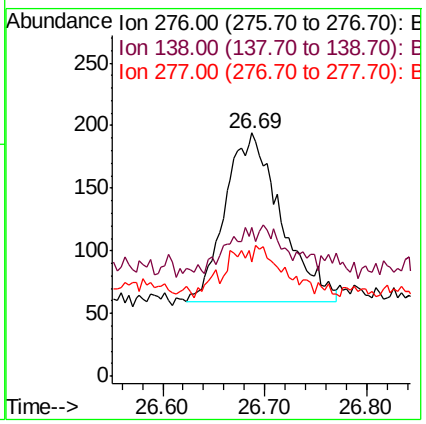


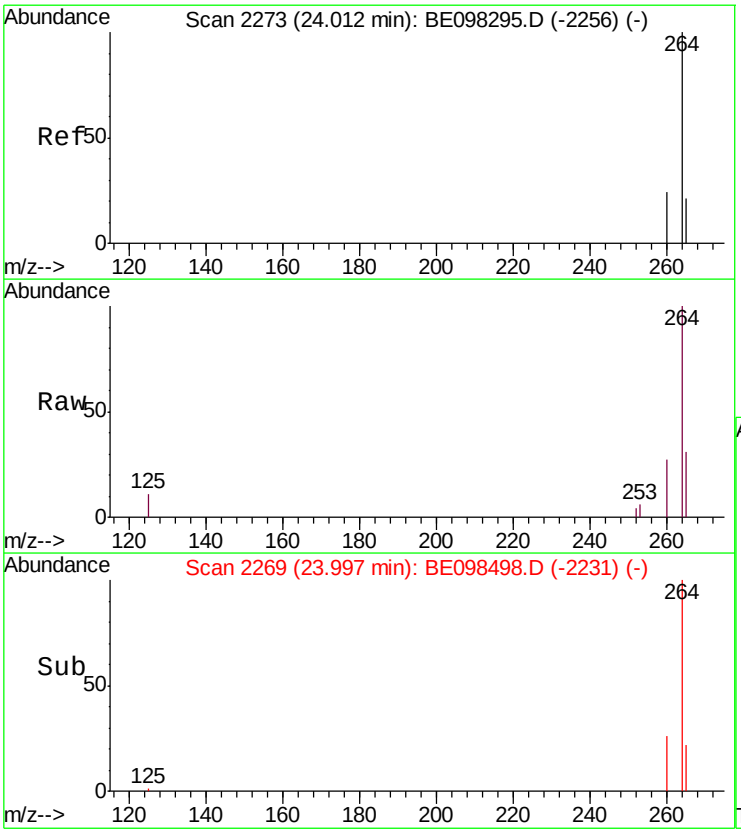
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:276 Resp: 517

Ion	Ratio	Lower	Upper
276	100		
138	13.3	16.3	24.5#
277	11.0	20.2	30.4#

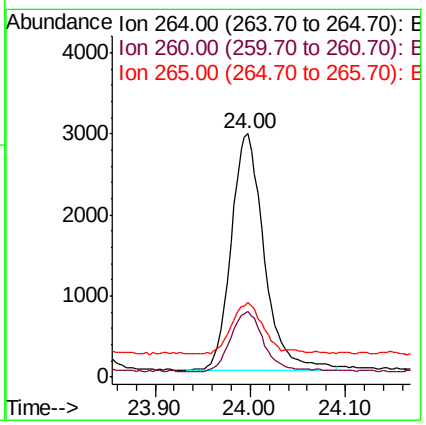


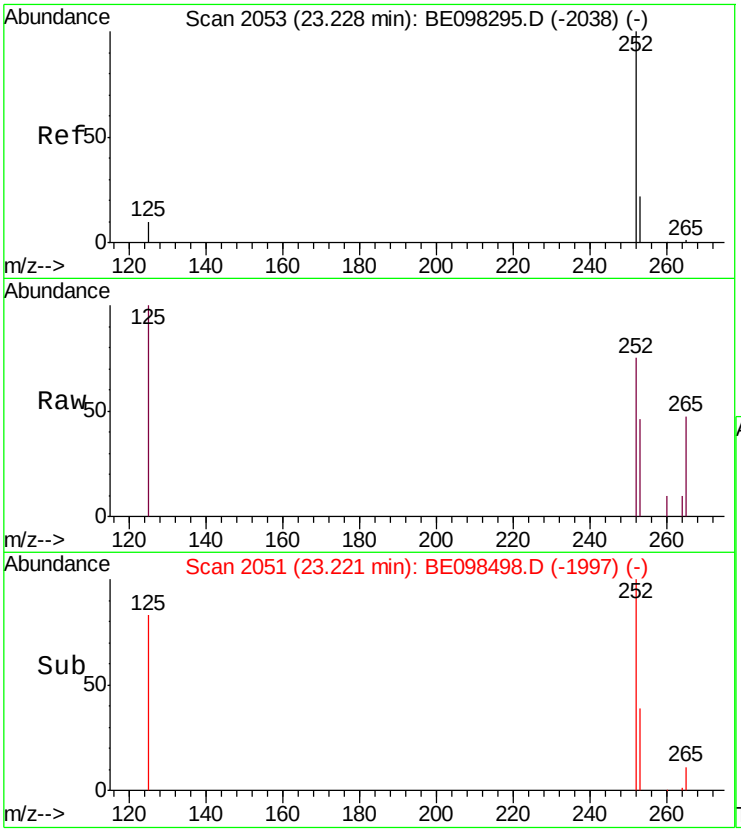


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:264 Resp: 7027

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.2	30.2
265	30.7	25.2	37.8



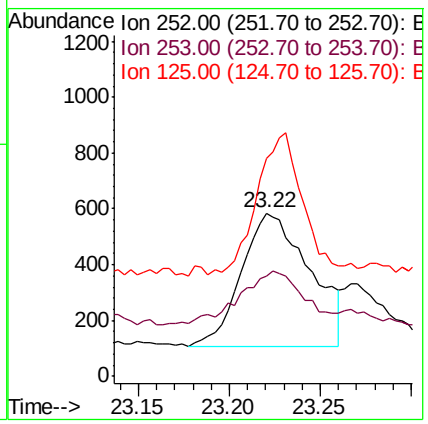


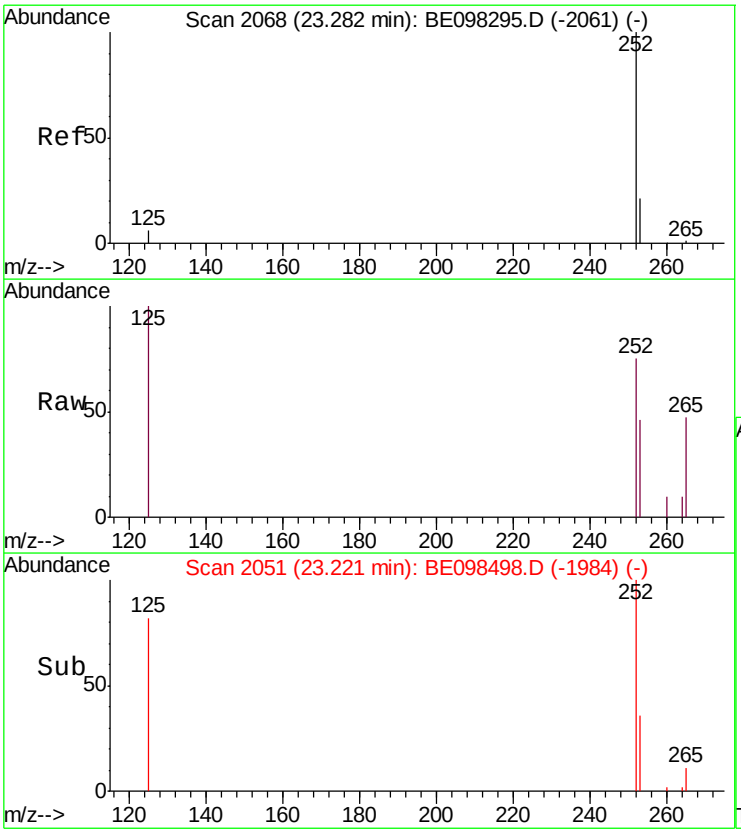
#35
Benzo(b)fluoranthene
Concen: 0.065 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:252 Resp: 1249

Ion	Ratio	Lower	Upper
252	100		
253	61.5	20.0	30.0#
125	133.7	9.6	14.4#

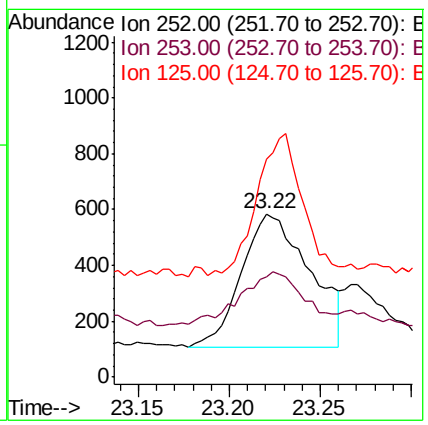


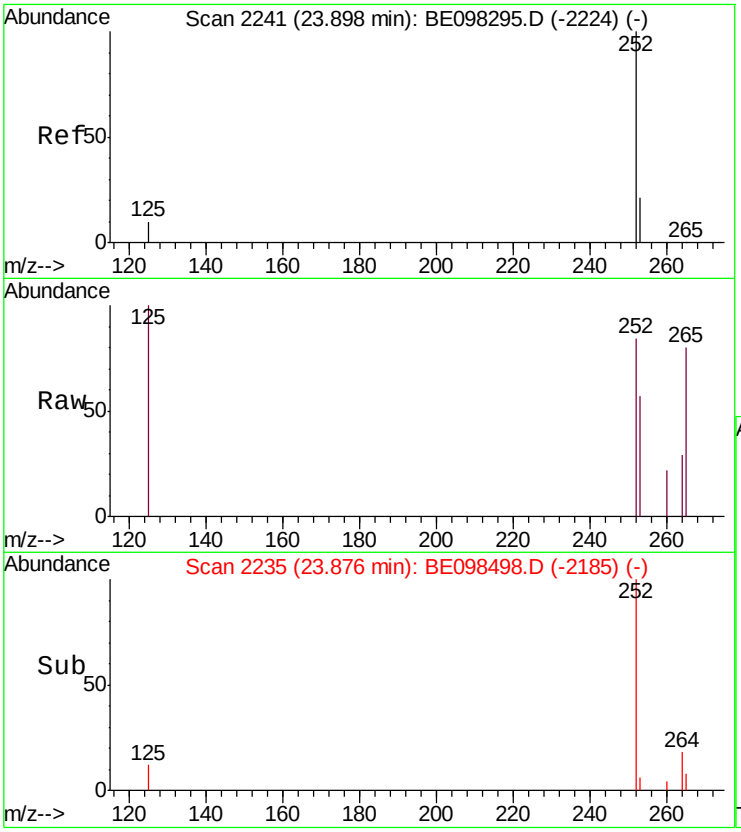


#36
Benzo(k)fluoranthene
Concen: 0.056 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.06 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Tgt Ion:252 Resp: 1249

Ion	Ratio	Lower	Upper
252	100		
253	61.5	19.0	28.6#
125	133.7	9.1	13.7#





#37
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.88 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BE098498.D
Acq: 16 Dec 2018 8:39

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121118

Tgt Ion:252 Resp: 511

Ion	Ratio	Lower	Upper
252	100		
253	68.5	20.6	30.8#
125	119.1	10.5	15.7#