Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098604.D
Acq On : 2 Jan 2019 12:14
Operator : SJ/JU
Sample : J659-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 02 13:30:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	942	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3798	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2510	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5202	0.40	ng		0.00
27) Chrysene-d12	21.43	240	8337	0.40	ng		0.02
34) Perylene-d12	23.96	264	7261	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1231	0.56	ng		0.02
5) Phenol-d6	6.99	99	1945	0.62	ng		0.00
8) Nitrobenzene-d5	8.96	82	1791	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	3818	0.62	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	551	0.60	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	3560	0.34	ng		0.00
25) Fluoranthene-d10	19.26	212	28510	0.43	ng		0.01
29) Terphenyl-d14	19.86	244	6343	0.31	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	463	0.284	ng	#	24
3) n-Nitrosodimethylamine	3.63	42	725	0.494	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	1202	0.405	ng	#	74
9) Naphthalene	10.65	128	23040	0.603	ng		99
10) Hexachlorobutadiene	10.94	225	920	0.378	ng		98
12) 2-Methylnaphthalene	12.28	142	3562	0.574	ng		96
16) Acenaphthylene	14.20	152	9495	0.807	ng		96
17) Acenaphthene	14.54	154	3347	0.474	ng		97
18) Fluorene	15.52	166	5641	0.597	ng	#	93
20) 4-Bromophenyl-phenylether	16.42	248	1136	0.406	ng	#	62
21) Hexachlorobenzene	16.53	284	1094	0.363	ng	#	72
22) Pentachlorophenol	16.88	266	1371	1.908	ng		97
23) Phenanthrene	17.36	178	11691	0.925	ng		98
24) Anthracene	17.36	178	11394	1.011	ng		98
26) Fluoranthene	19.29	202	81709	4.885	ng	#	97
28) Pyrene	19.65	202	75396	2.882	ng	#	91
30) Benzo(a)anthracene	21.40	228	56054	2.361	ng	#	85
31) Chrysene	21.46	228	53767	2.162	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.33	149	109706	2.275	ng		100
33) Indeno(1,2,3-cd)pyrene	26.62	276	29547	1.194	ng	#	91
35) Benzo(b)fluoranthene	23.19	252	65655	3.306	ng	#	1
36) Benzo(k)fluoranthene	23.19	252	65655	2.838	ng	#	1
37) Benzo(a)pyrene	23.84	252	44535	2.174	ng	#	1
38) Dibenzo(a,h)anthracene	26.64	278	11415	0.591	ng	#	1
39) Benzo(g,h,i)perylene	27.44	276	26981	1.387	ng	#	76

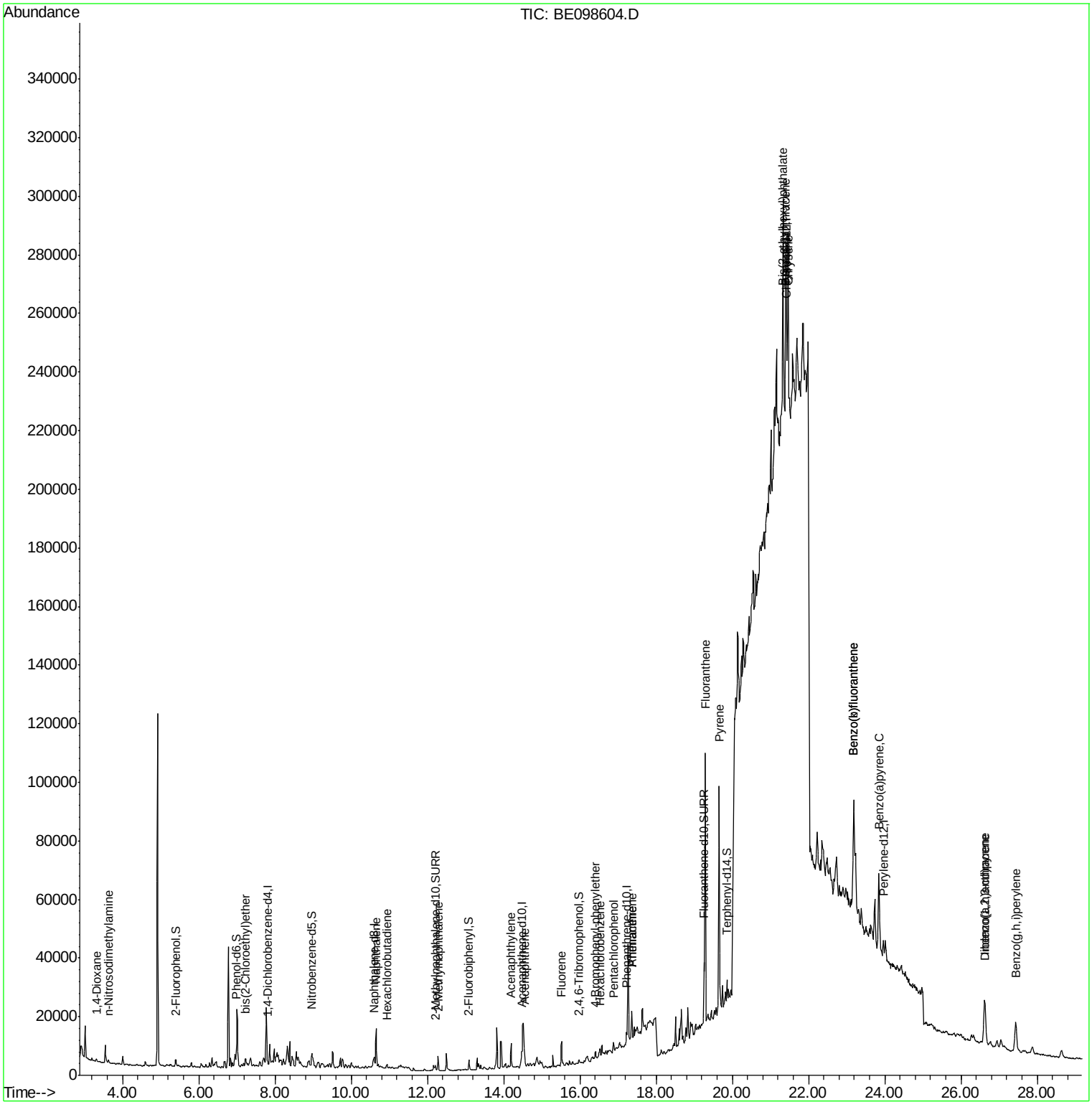
(#) = qualifier out of range (m) = manual integration (+) = signals summed

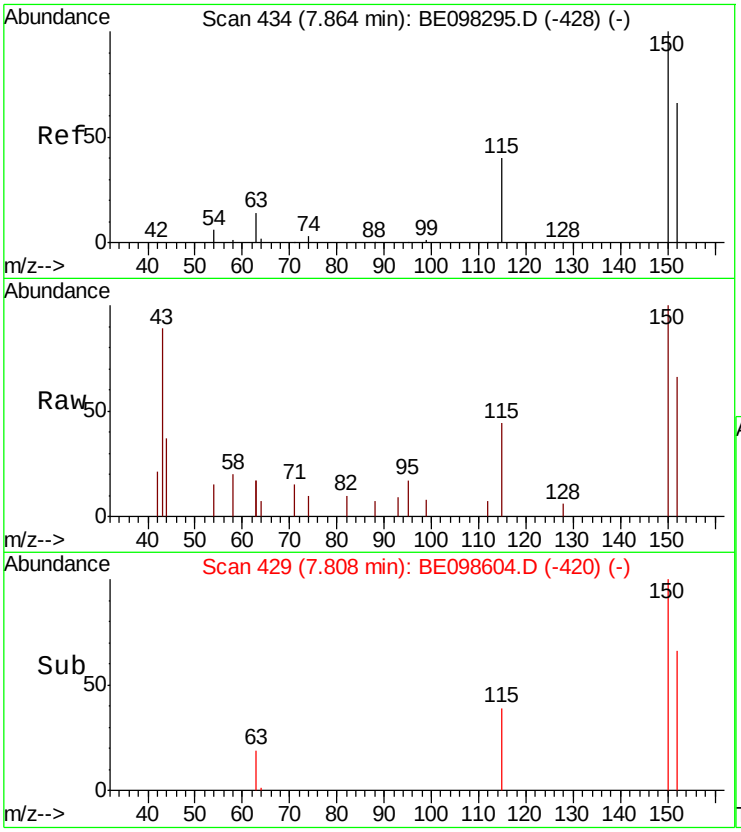
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
Data File : BE098604.D
Acq On : 2 Jan 2019 12:14
Operator : SJ/JU
Sample : J659-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 02 13:30:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration



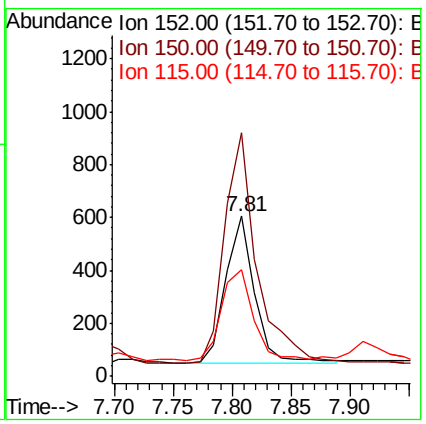


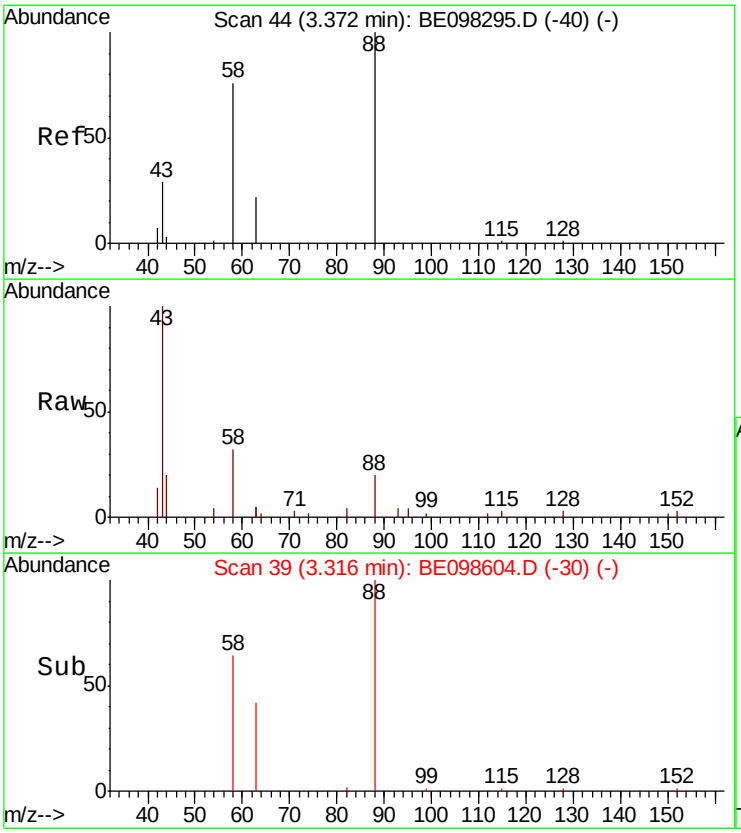
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 942

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.2	186.4
115	66.8	53.9	80.9

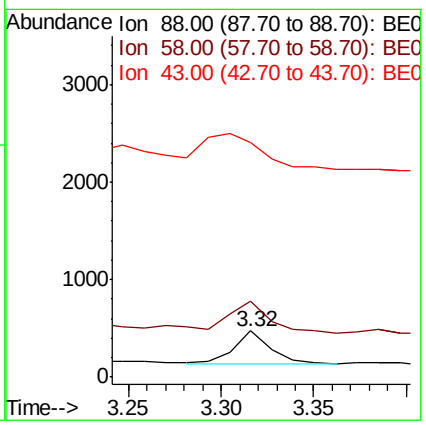


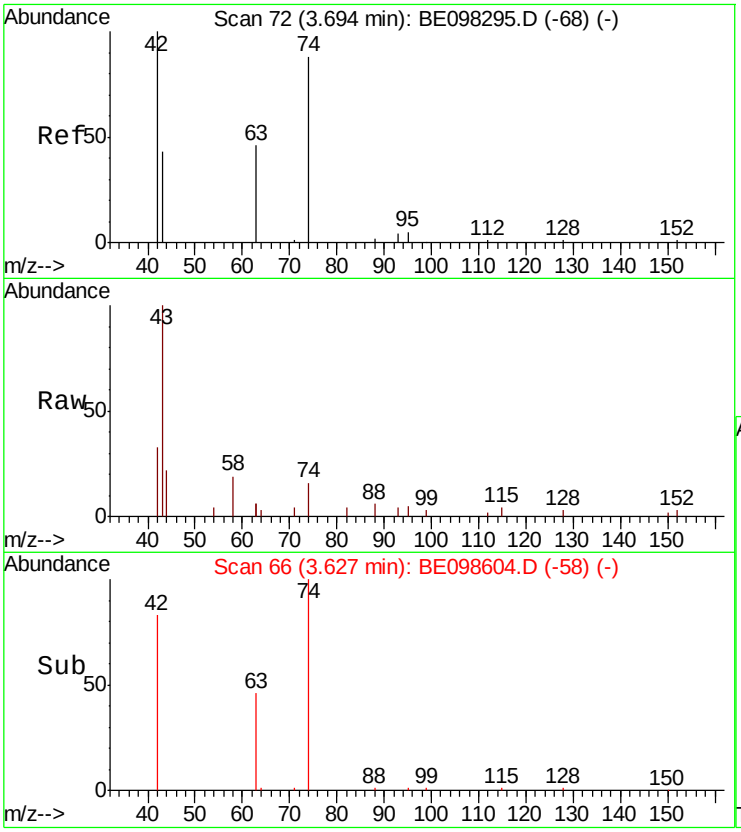


#2
1,4-Dioxane
Concen: 0.284 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion: 88 Resp: 463

Ion	Ratio	Lower	Upper
88	100		
58	111.2	75.0	112.6
43	174.7	38.3	57.5#



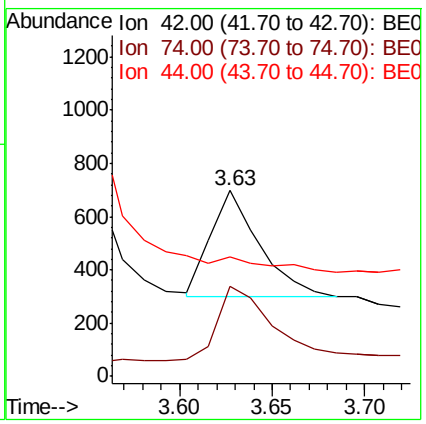


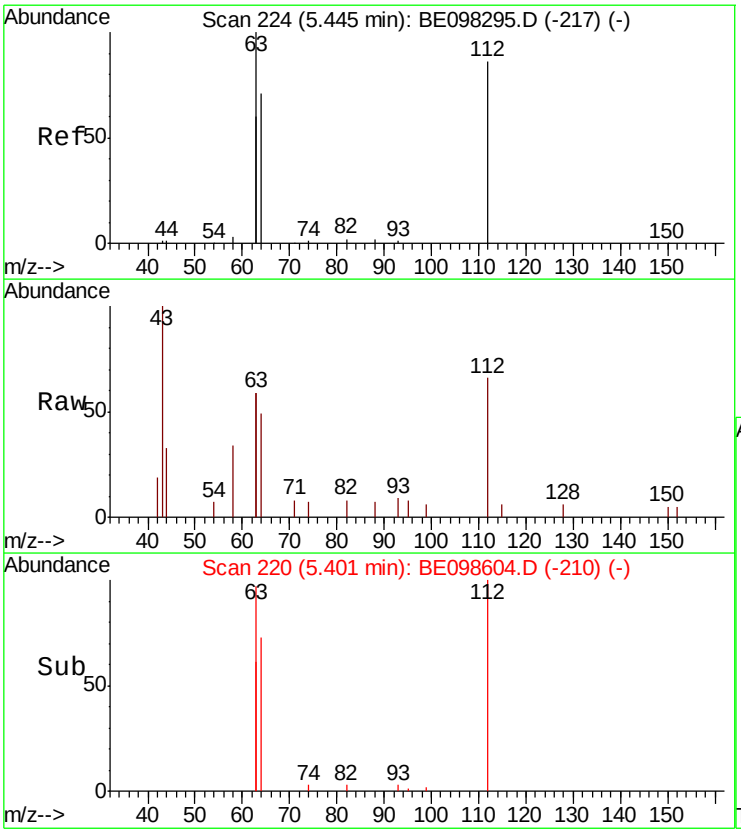
#3
n-Nitrosodimethylamine
Concen: 0.494 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 725

Ion	Ratio	Lower	Upper
42	100		
74	84.6	0.0	0.0#
44	0.0	0.0	0.0

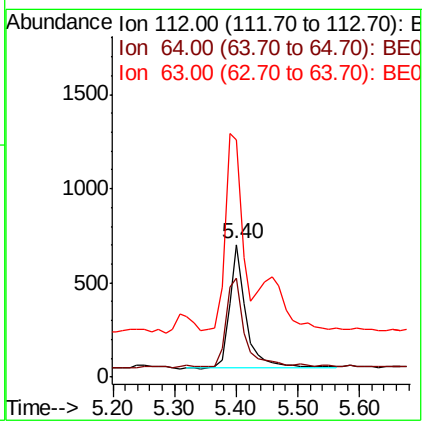


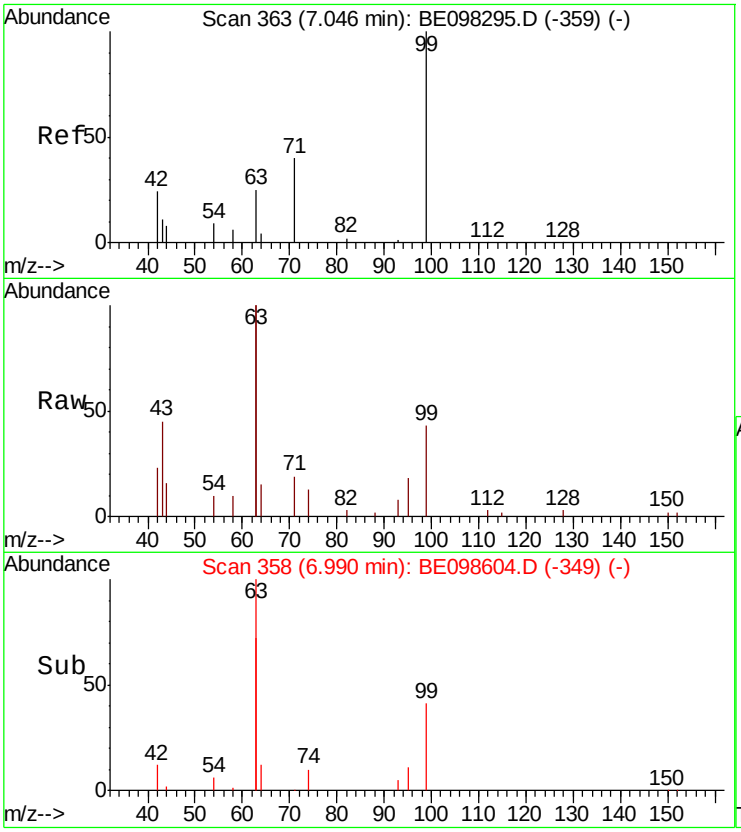


#4
2-Fluorophenol
Concen: 0.558 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:112 Resp: 1231

Ion	Ratio	Lower	Upper
112	100		
64	80.6	59.8	89.8
63	170.8	133.7	200.5



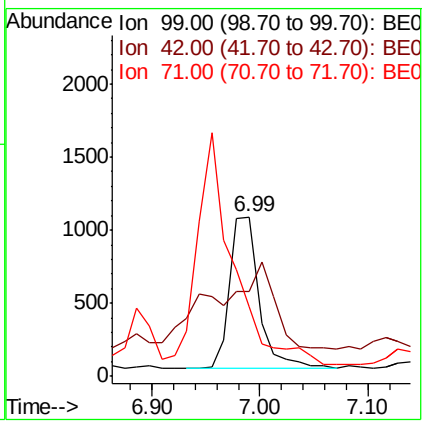


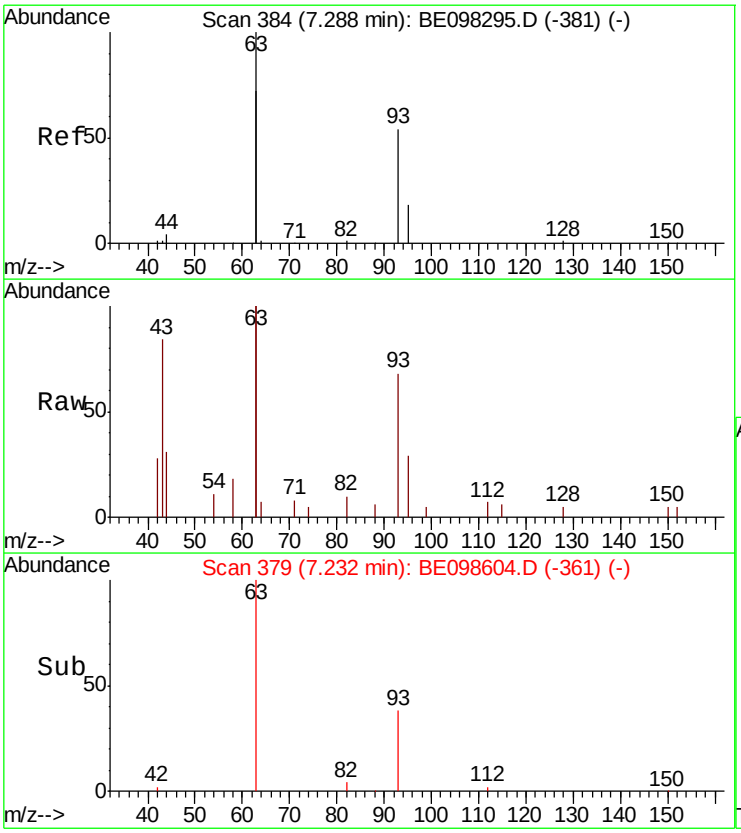
#5
Phenol-d6
Concen: 0.623 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1945

Ion	Ratio	Lower	Upper
99	100		
42	66.6	26.3	39.5#
71	0.0	33.6	50.4#

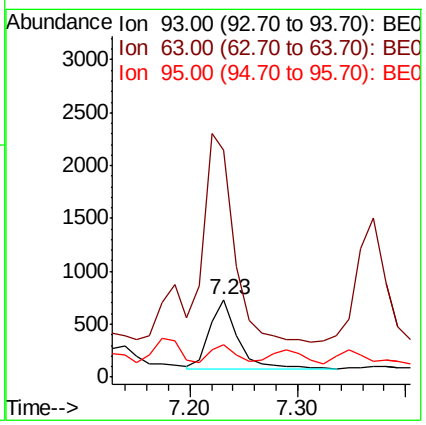


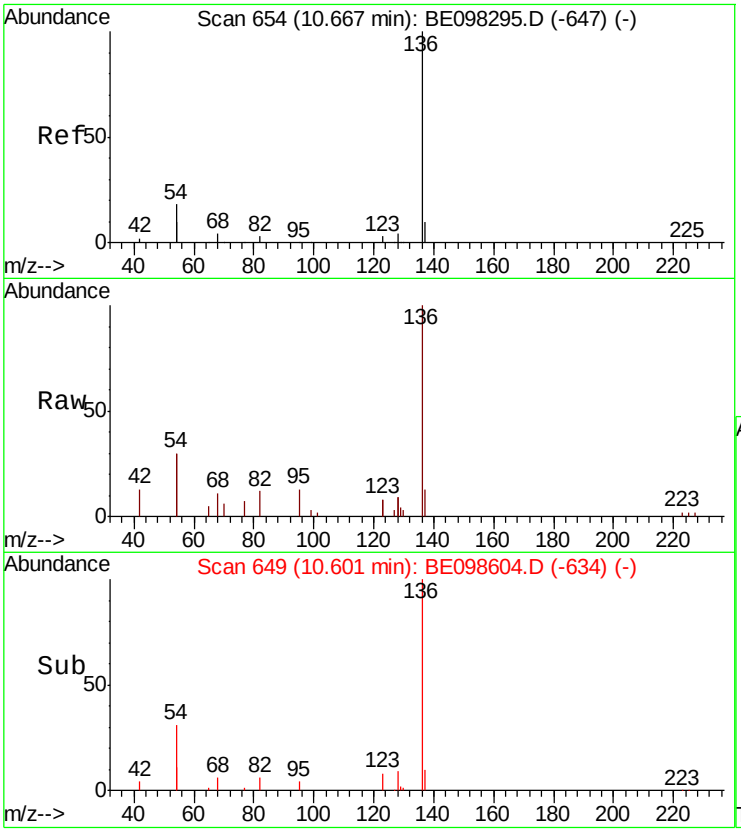


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion: 93 Resp: 1202

Ion	Ratio	Lower	Upper
93	100		
63	387.1	264.4	396.6
95	22.1	26.6	40.0#



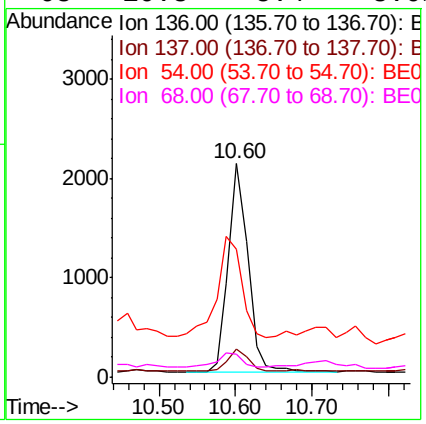


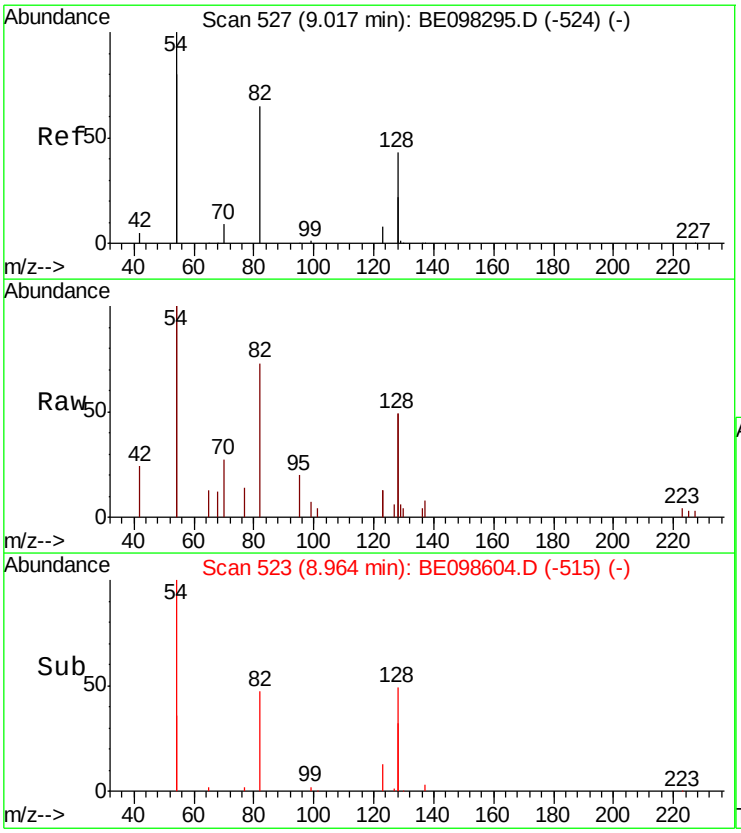
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3798

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.2	13.8
54	59.7	28.4	42.6#
68	10.8	5.4	8.0#

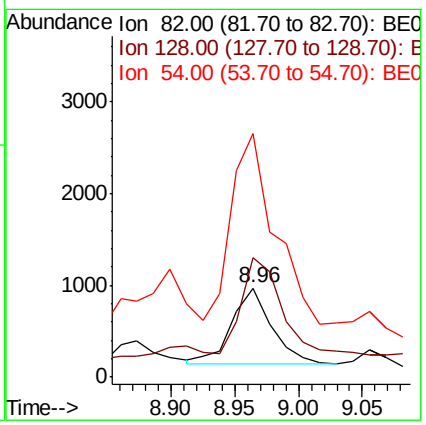


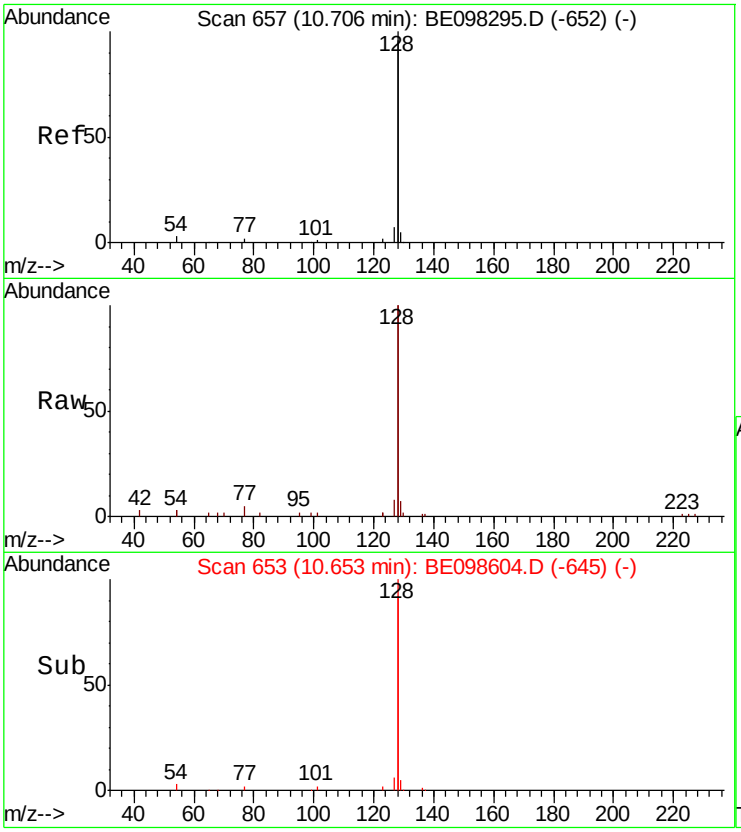


#8
Nitrobenzene-d5
Concen: 0.518 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion: 82 Resp: 1791

Ion	Ratio	Lower	Upper
82	100		
128	134.4	102.4	153.6
54	272.8	221.8	332.8



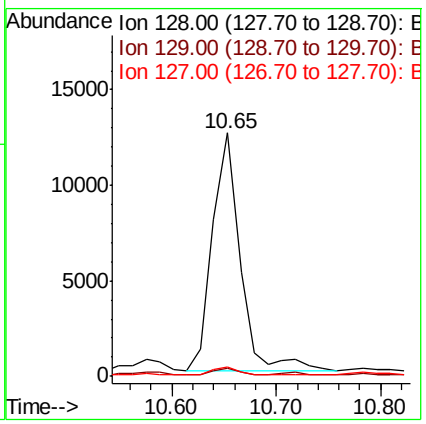


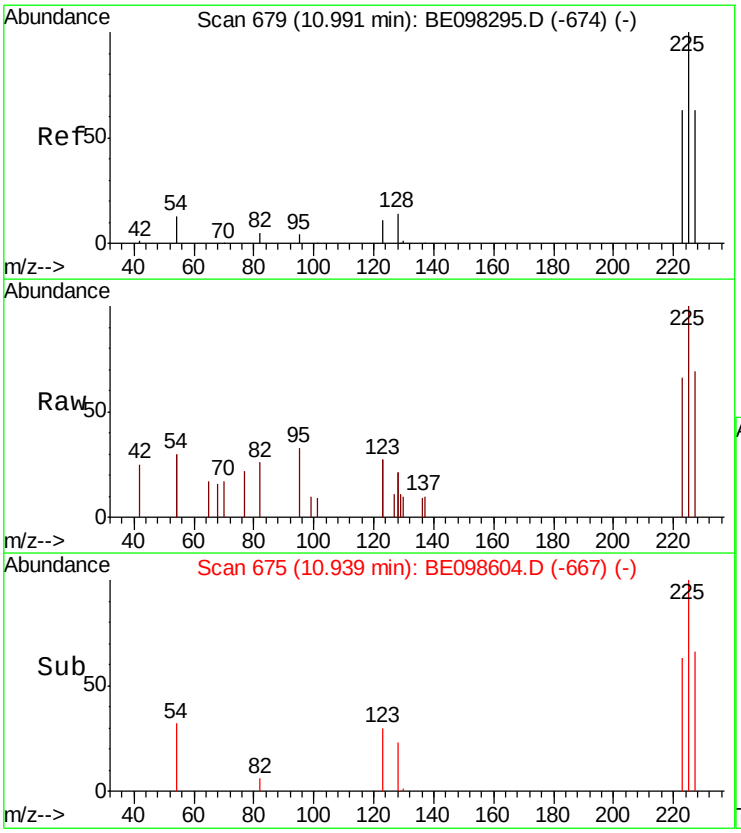
#9
Naphthalene
Concen: 0.603 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 23040

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.5	3.7
127	3.8	2.7	4.1

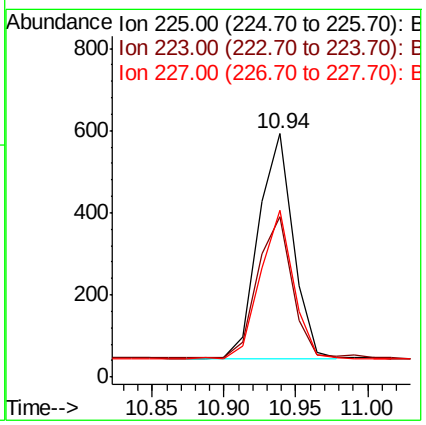


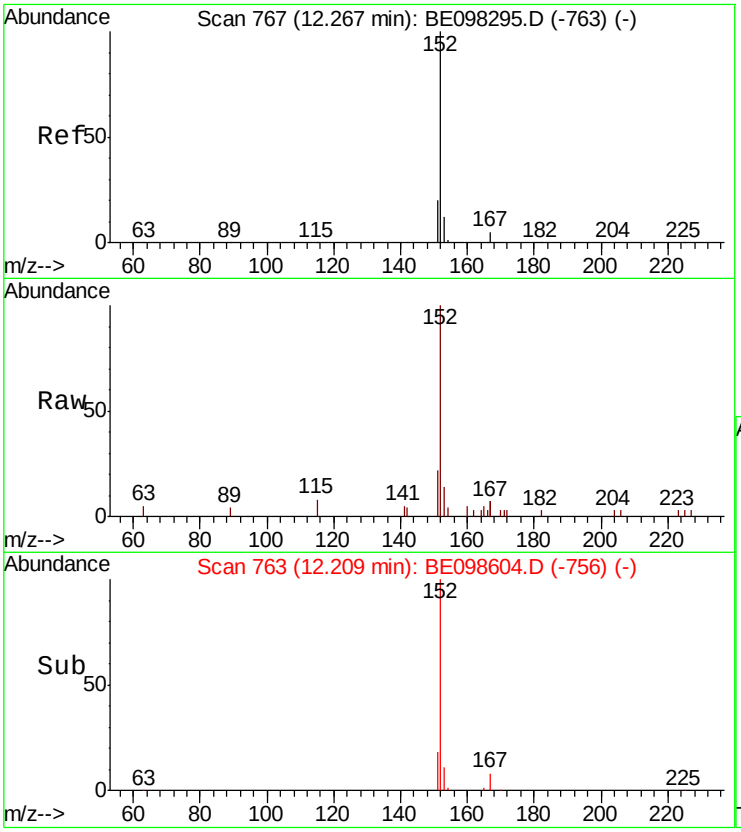


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:225 Resp: 920

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	62.8	52.0	78.0



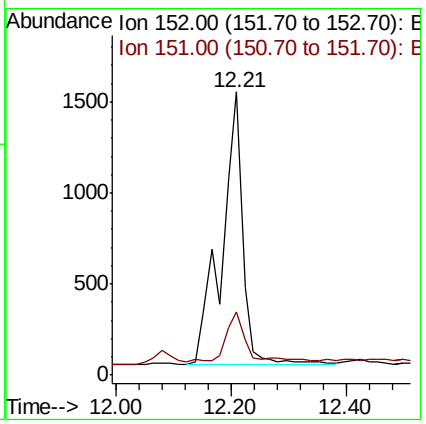


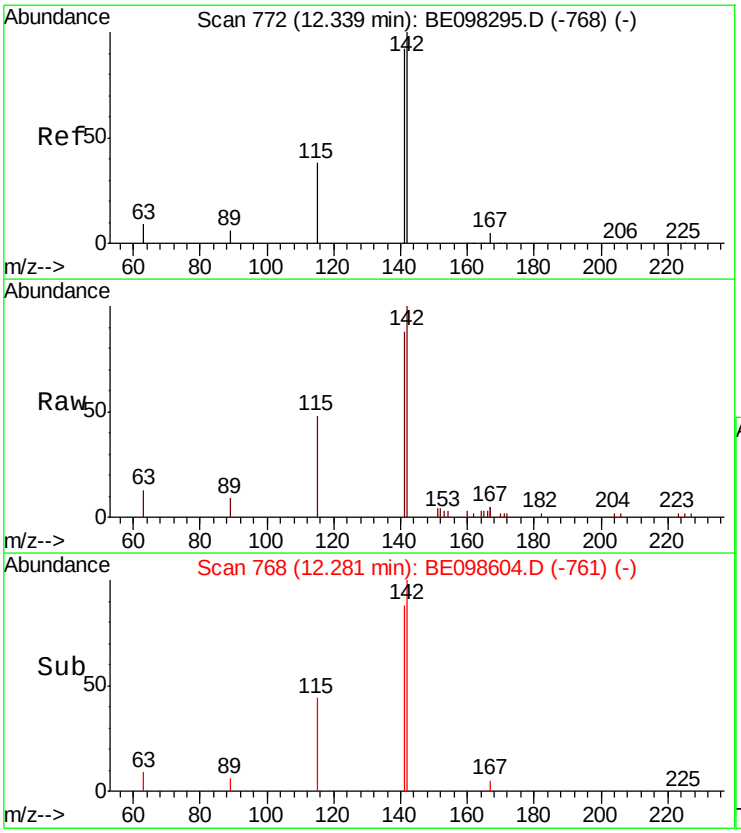
#11
2-Methylnaphthalene-d10
Concen: 0.618 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3818

Ion	Ratio	Lower	Upper
152	100		
151	16.2	16.2	24.4#

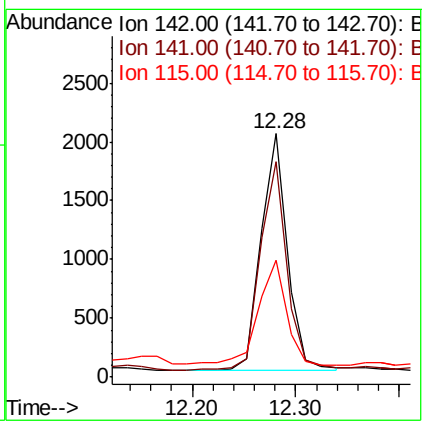


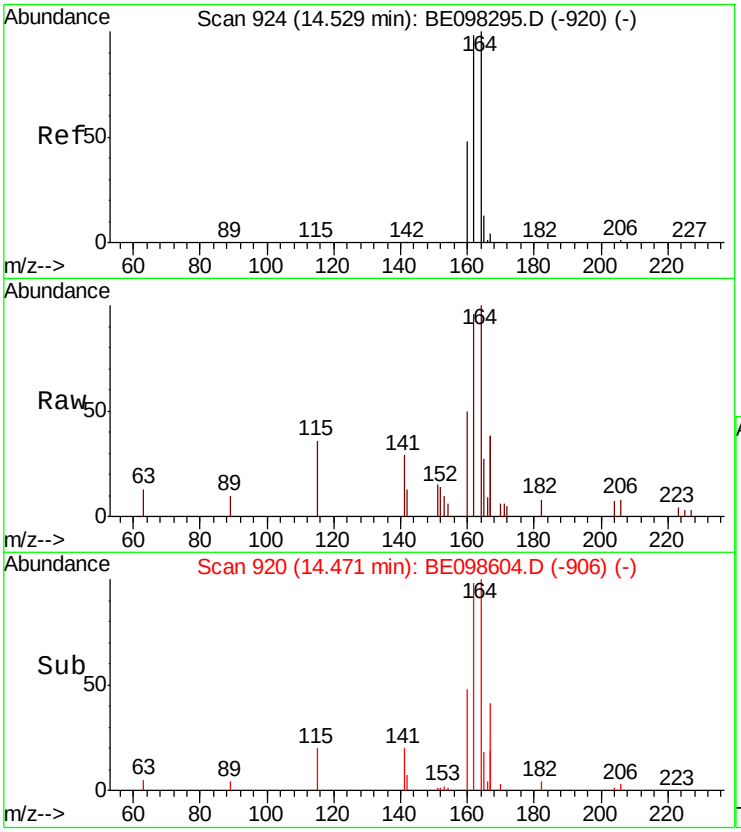


#12
2-Methylnaphthalene
Concen: 0.574 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:142 Resp: 3562

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	48.2	32.2	48.2



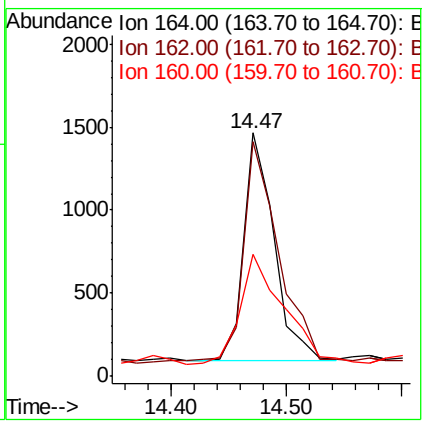


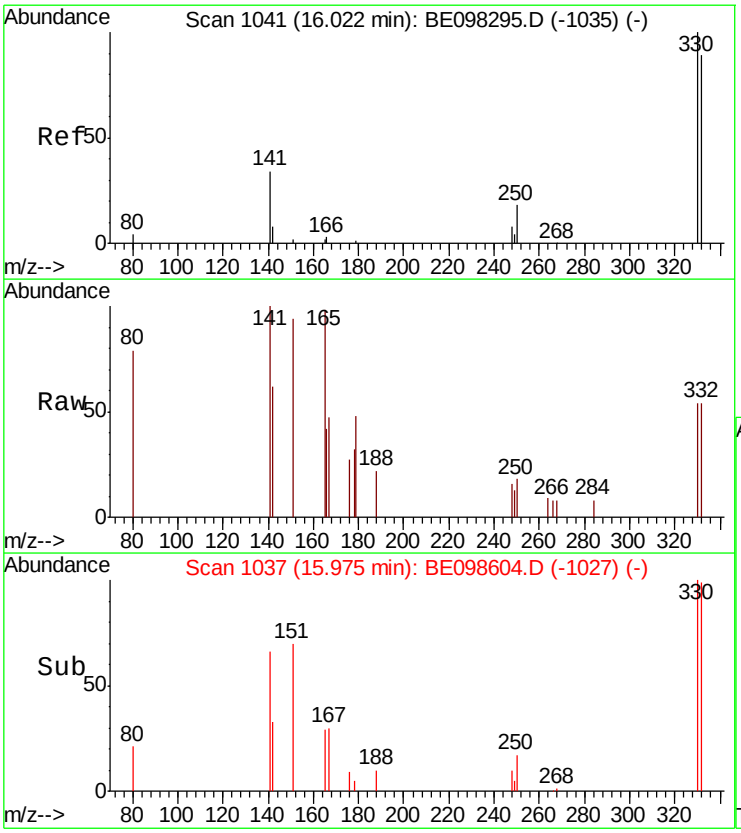
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2510

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.6	116.4
160	49.9	36.0	54.0

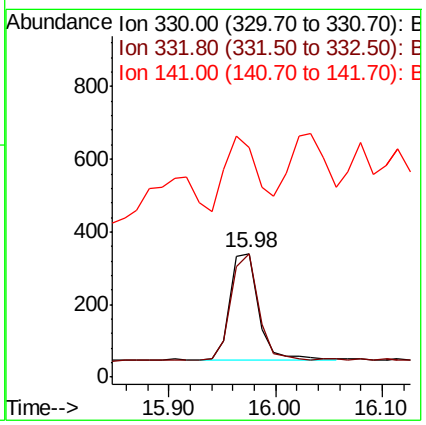


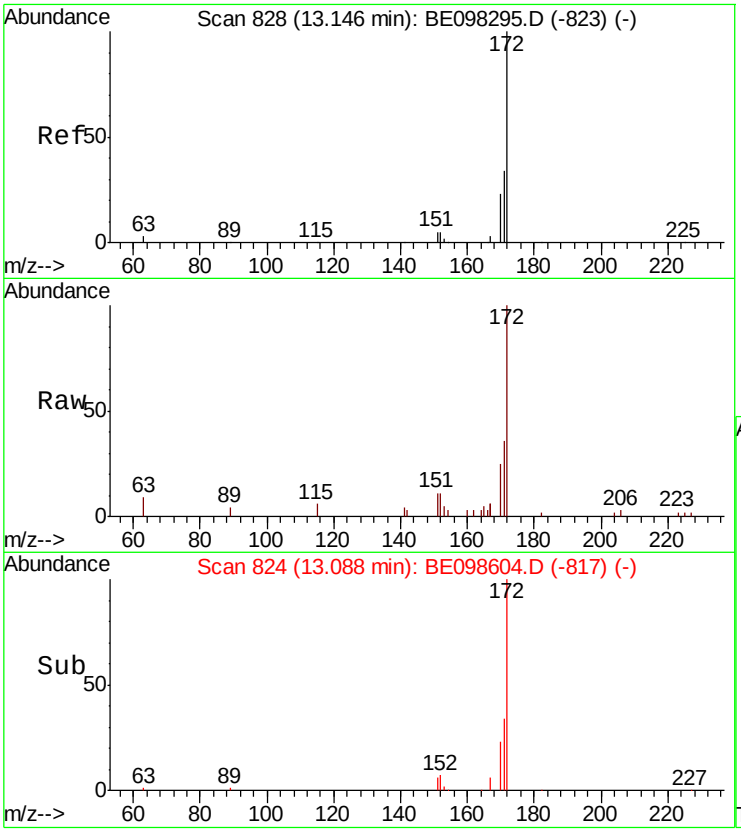


#14
2,4,6-Tribromophenol
Concen: 0.598 ng
RT: 15.98 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:330 Resp: 551

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	76.6	39.0	58.4#



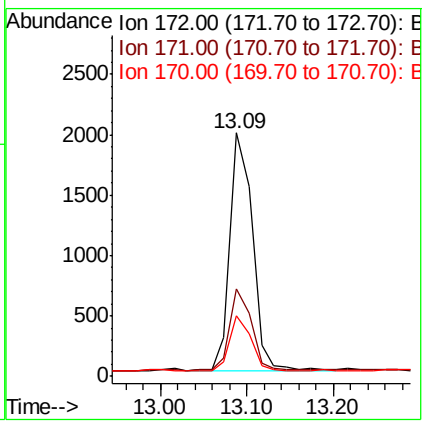


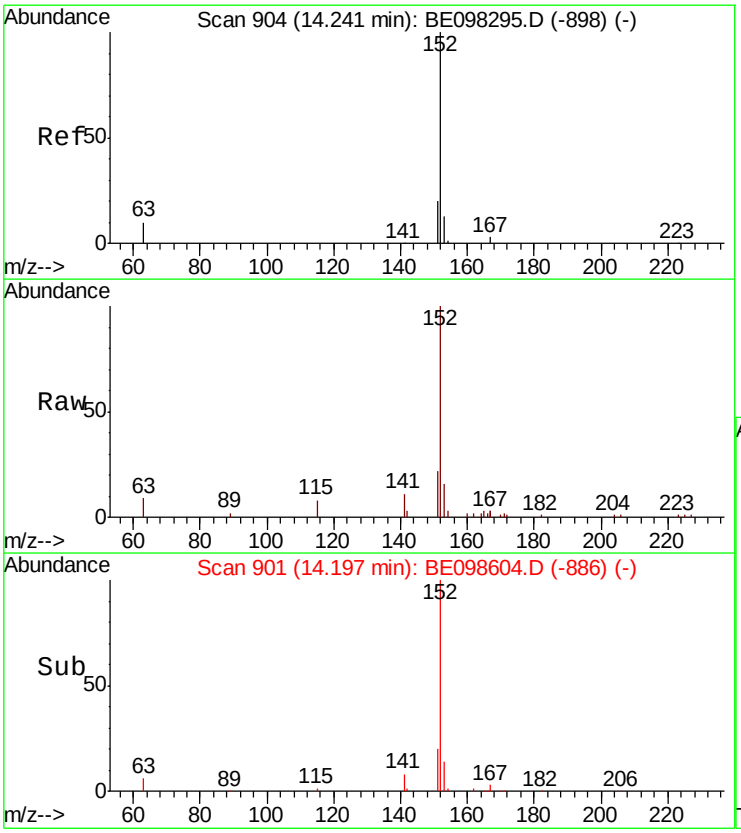
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3560

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.5	41.3
170	24.7	19.6	29.4

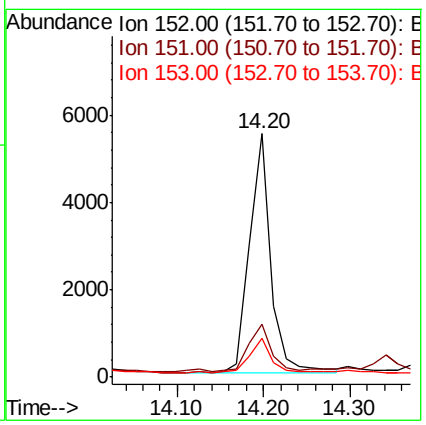


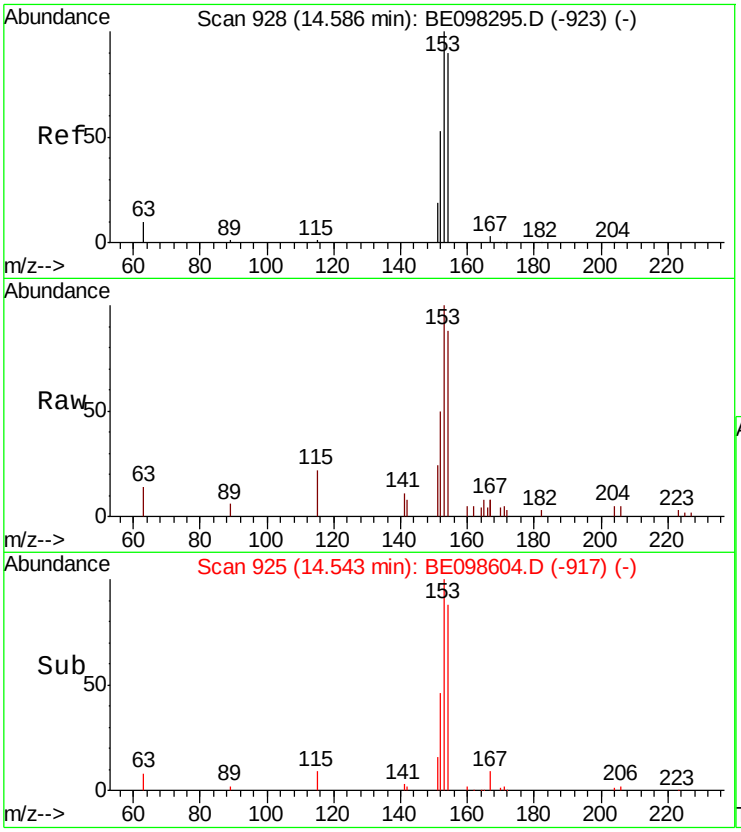


#16
Acenaphthylene
Concen: 0.807 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:152 Resp: 9495

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3
153	15.1	10.6	16.0



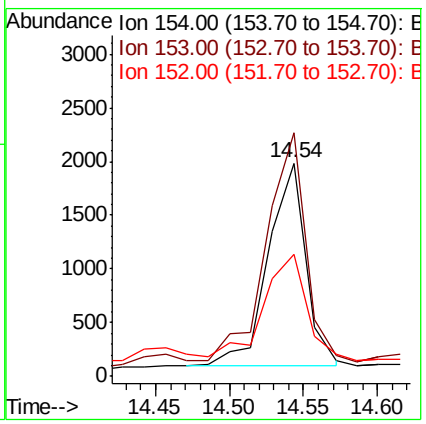


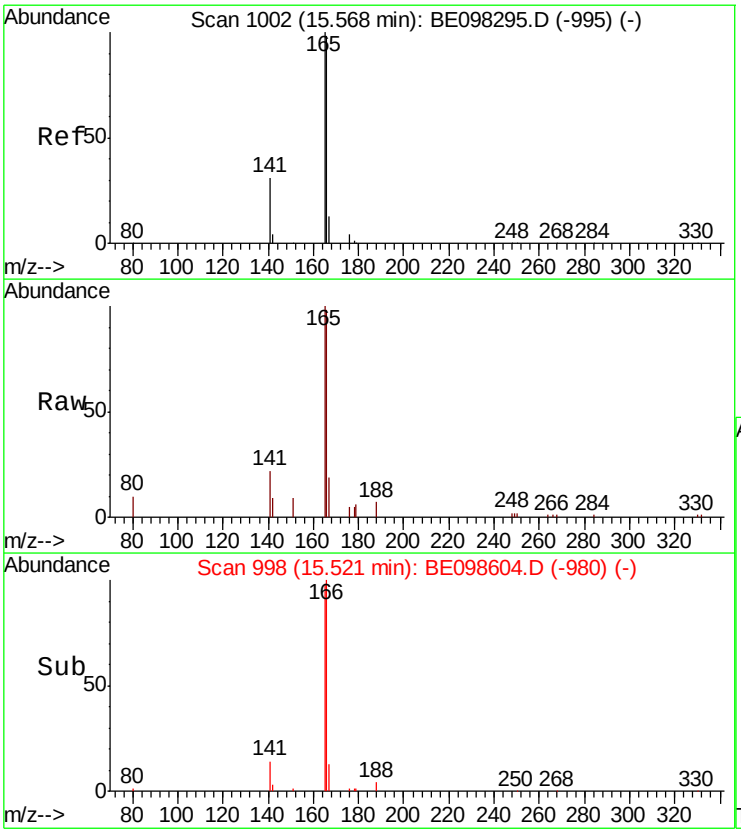
#17
Acenaphthene
Concen: 0.474 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3347

Ion	Ratio	Lower	Upper
154	100		
153	117.4	91.8	137.6
152	54.4	45.5	68.3

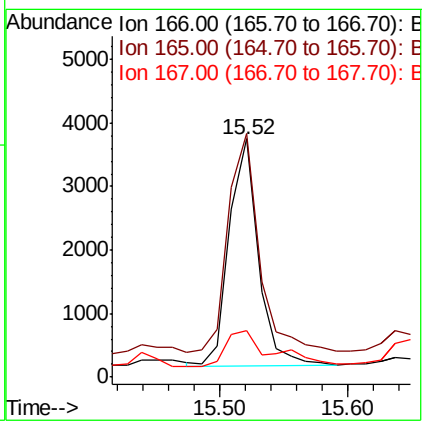


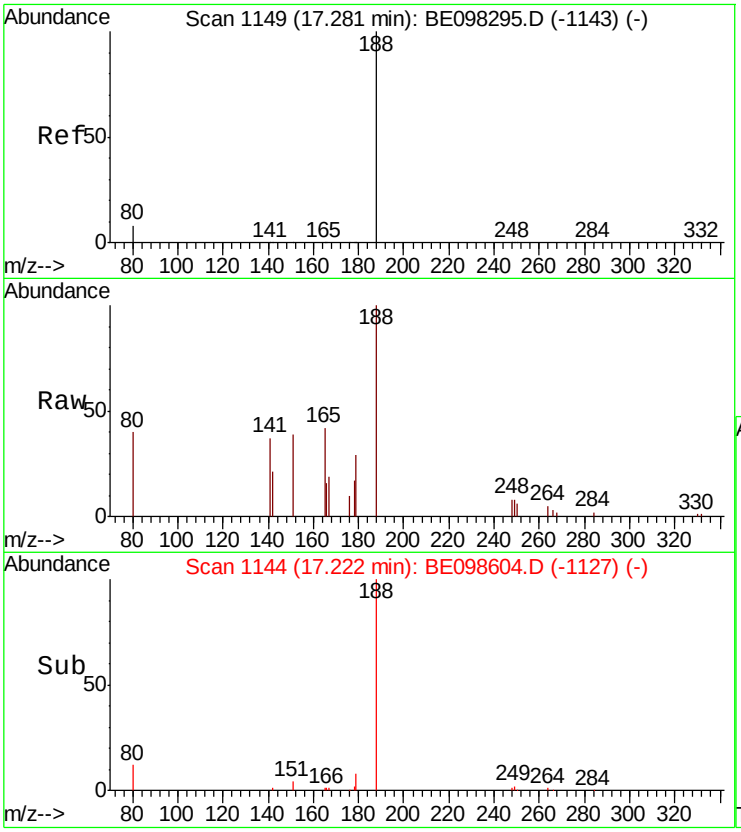


#18
Fluorene
Concen: 0.597 ng
RT: 15.52 min Scan# 998
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:166 Resp: 5641

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.3	118.9
167	24.7	11.3	16.9#



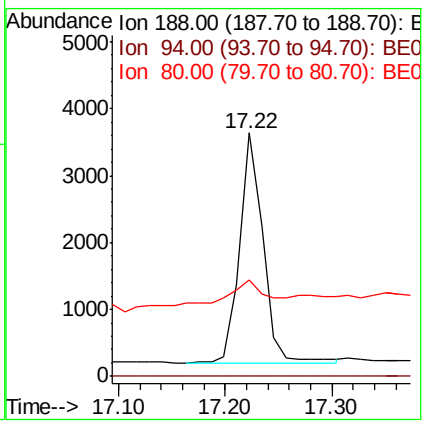


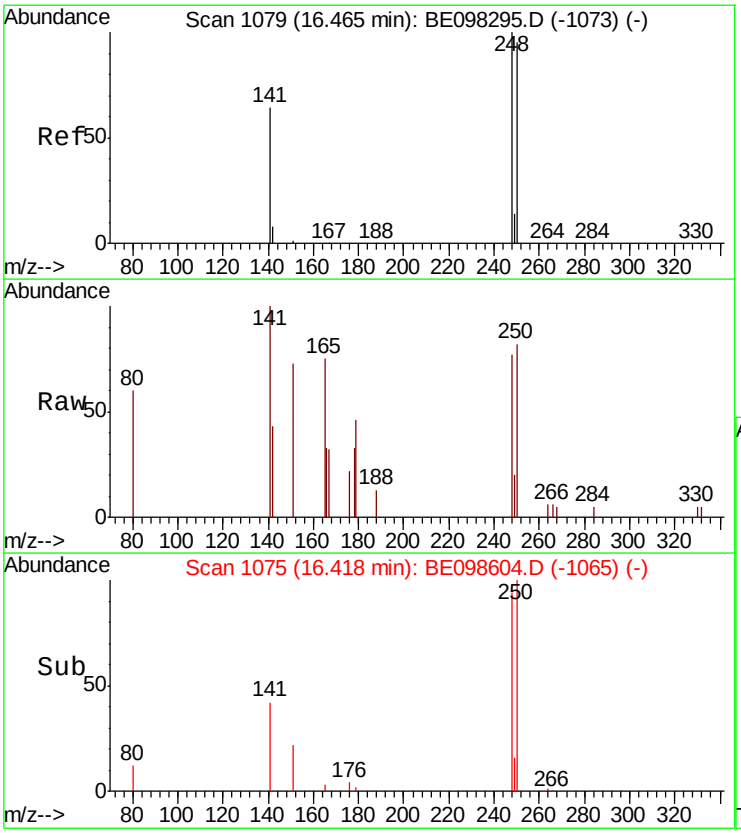
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5202

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	39.7	7.2	10.8#

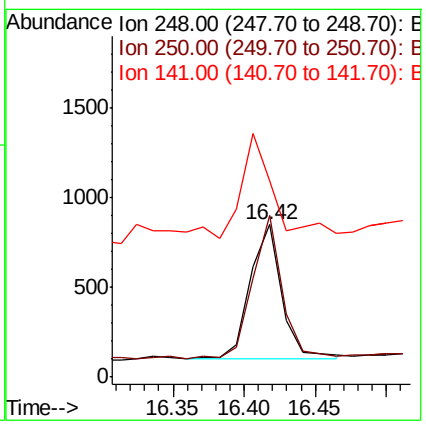


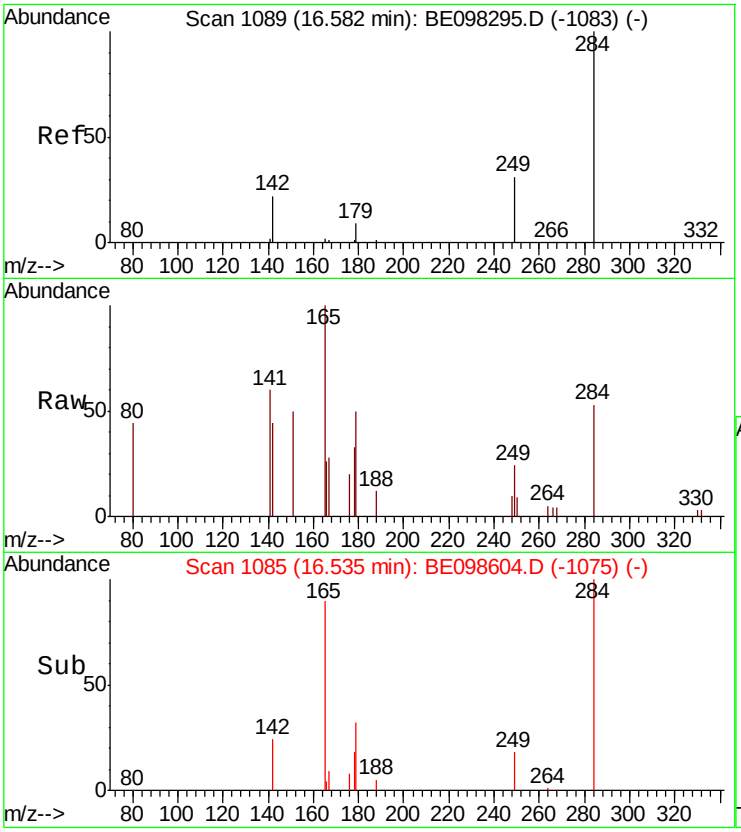


#20
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.42 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:248 Resp: 1136

Ion	Ratio	Lower	Upper
248	100		
250	106.6	71.0	106.6#
141	129.3	62.1	93.1#



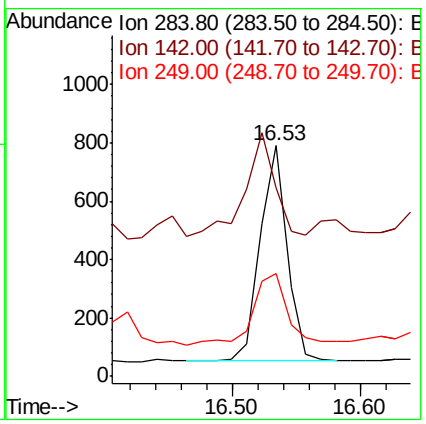


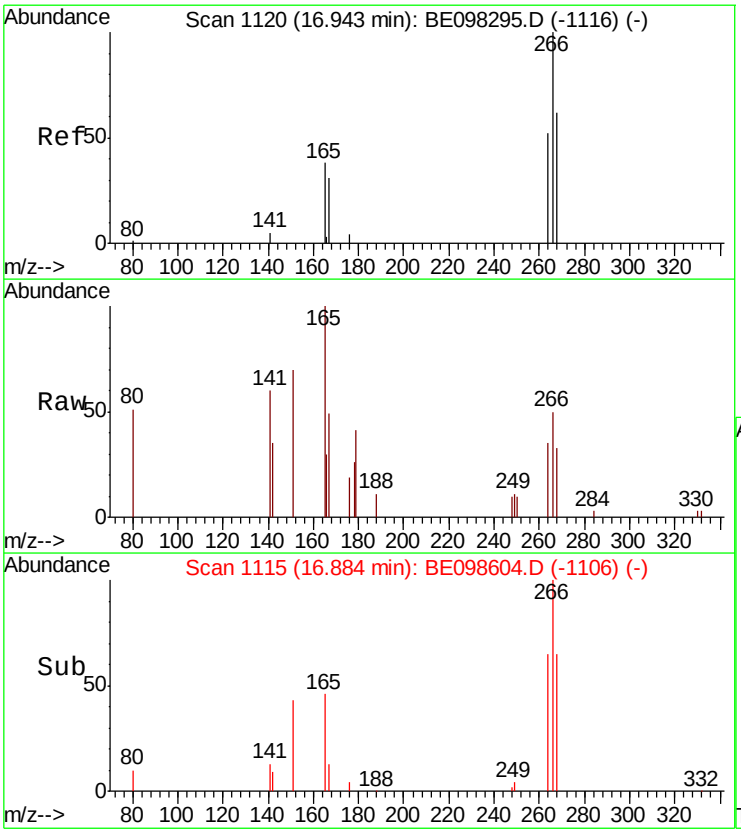
#21
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.53 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1094

Ion	Ratio	Lower	Upper
284	100		
142	52.8	26.3	39.5#
249	43.8	26.0	39.0#

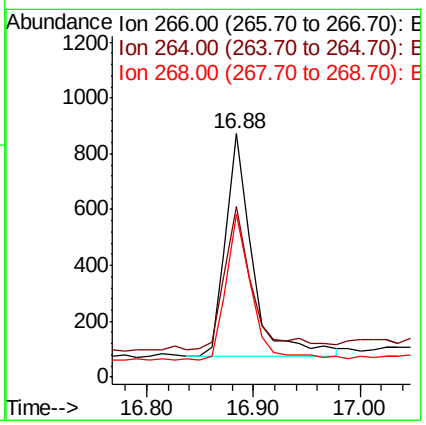


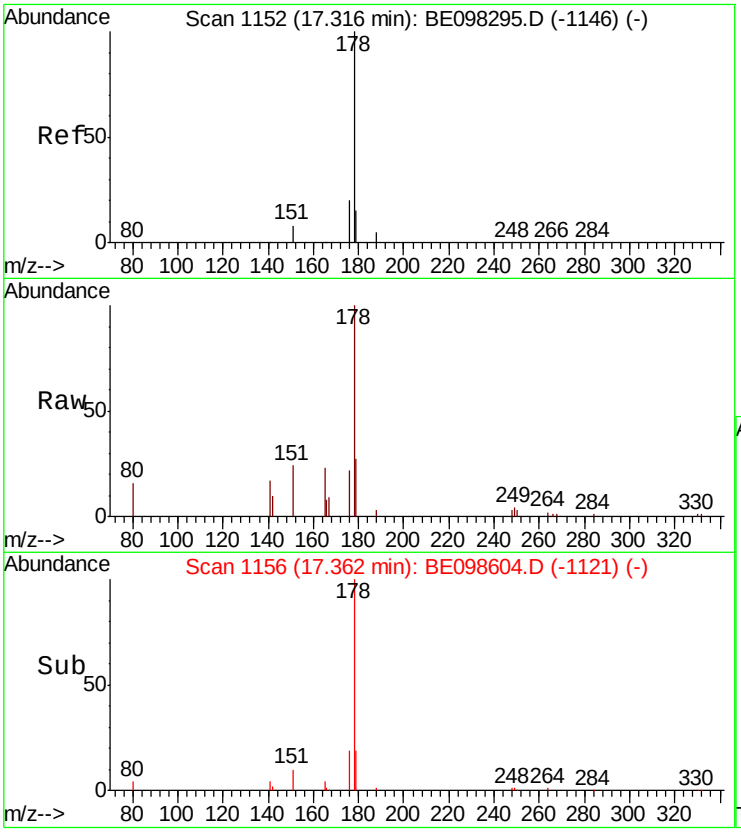


#22
Pentachlorophenol
Concen: 1.908 ng
RT: 16.88 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:266 Resp: 1371

Ion	Ratio	Lower	Upper
266	100		
264	70.2	59.0	88.4
268	66.7	55.1	82.7



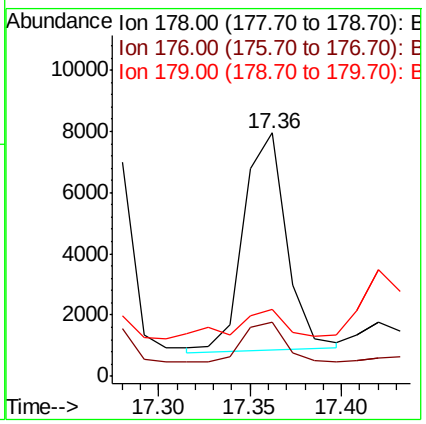


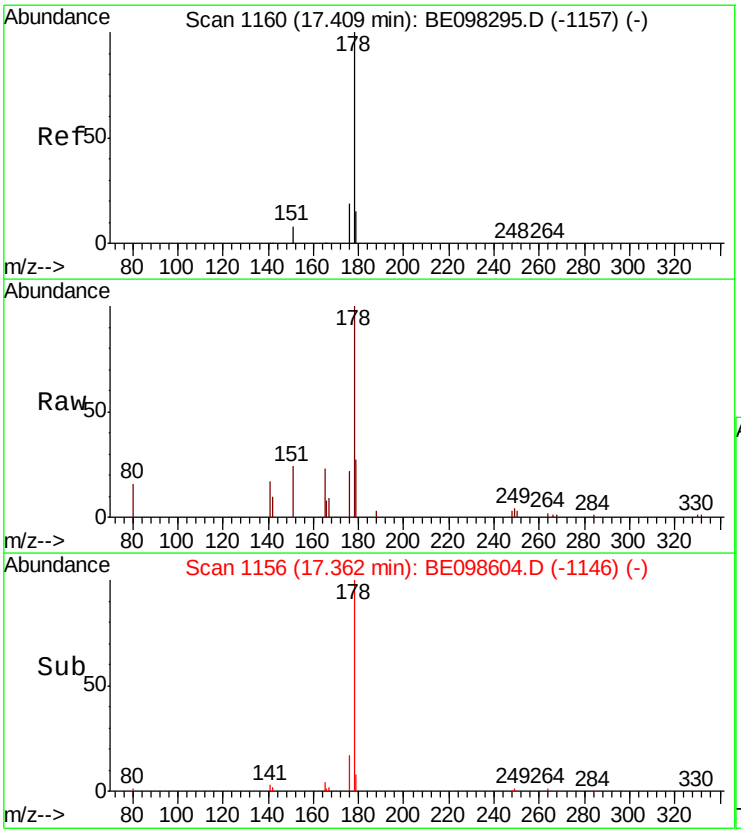
#23
Phenanthrene
Concen: 0.925 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.11 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11691

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	16.3	12.3	18.5

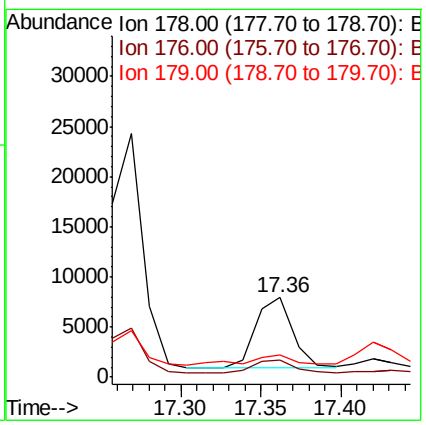


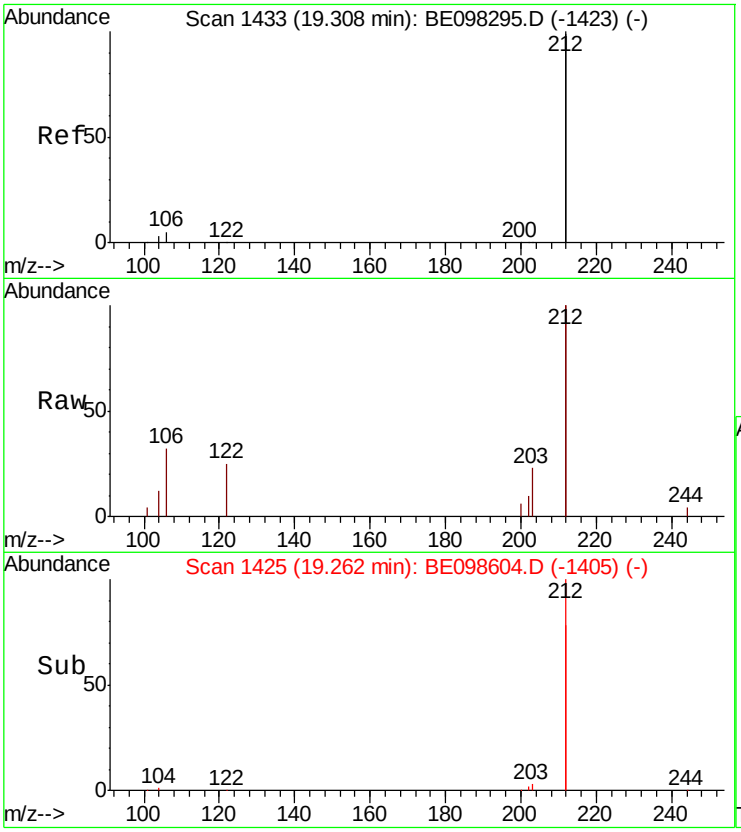


#24
Anthracene
Concen: 1.011 ng
RT: 17.36 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:178 Resp: 11394

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	16.7	12.3	18.5



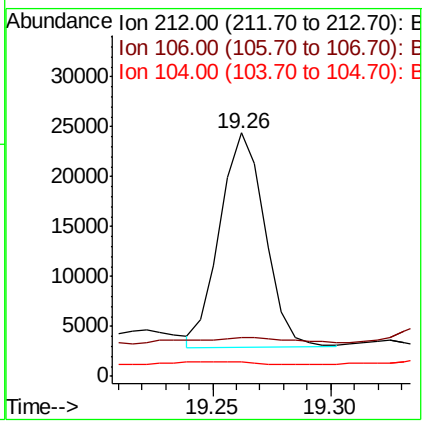


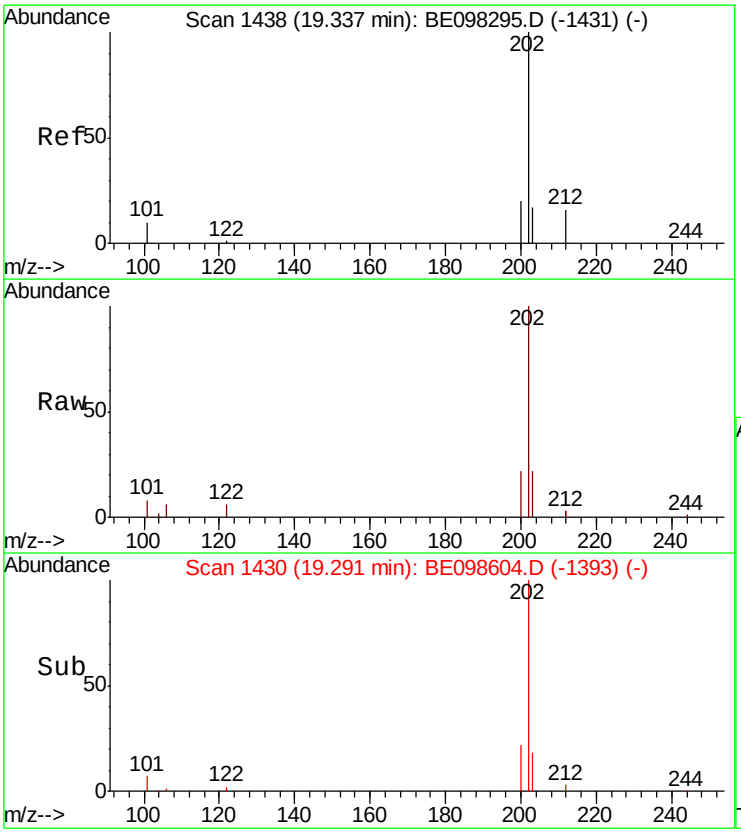
#25
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.26 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 28510

Ion	Ratio	Lower	Upper
212	100		
106	6.5	2.2	3.2#
104	4.7	1.3	1.9#

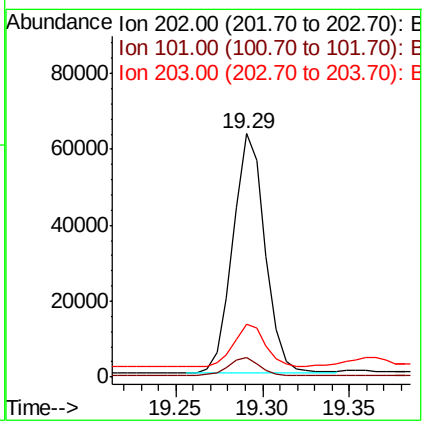


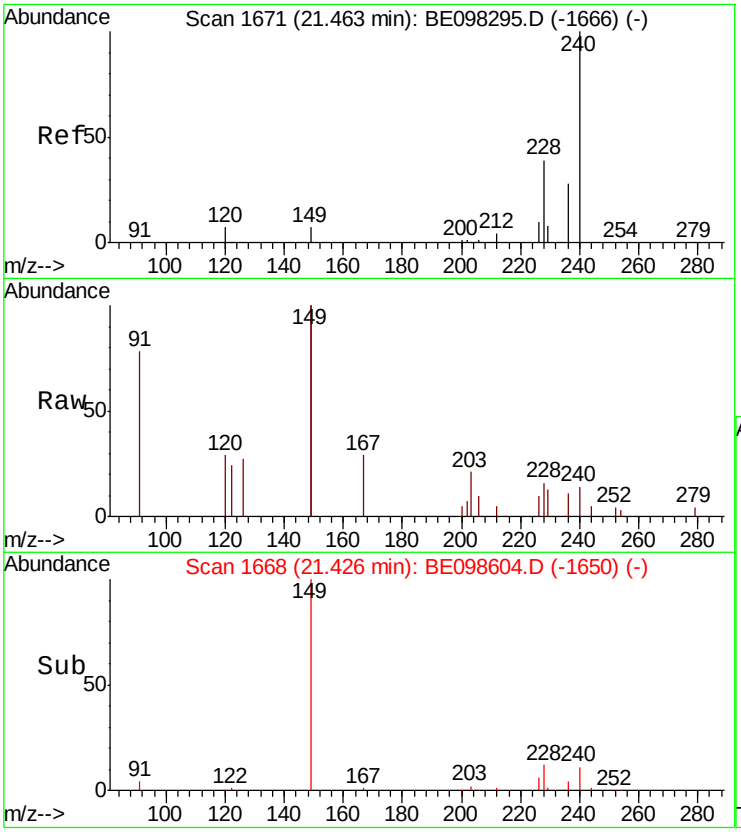


#26
Fluoranthene
Concen: 4.885 ng
RT: 19.29 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:202 Resp: 81709

Ion	Ratio	Lower	Upper
202	100		
101	7.5	8.0	12.0#
203	17.4	13.8	20.6



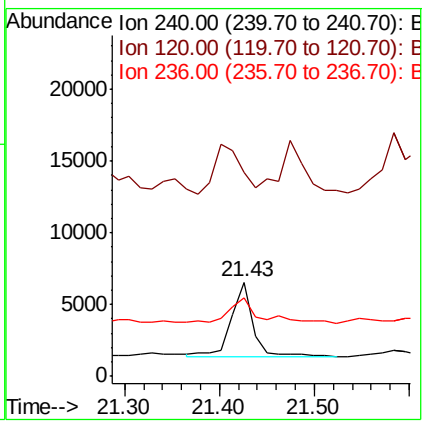


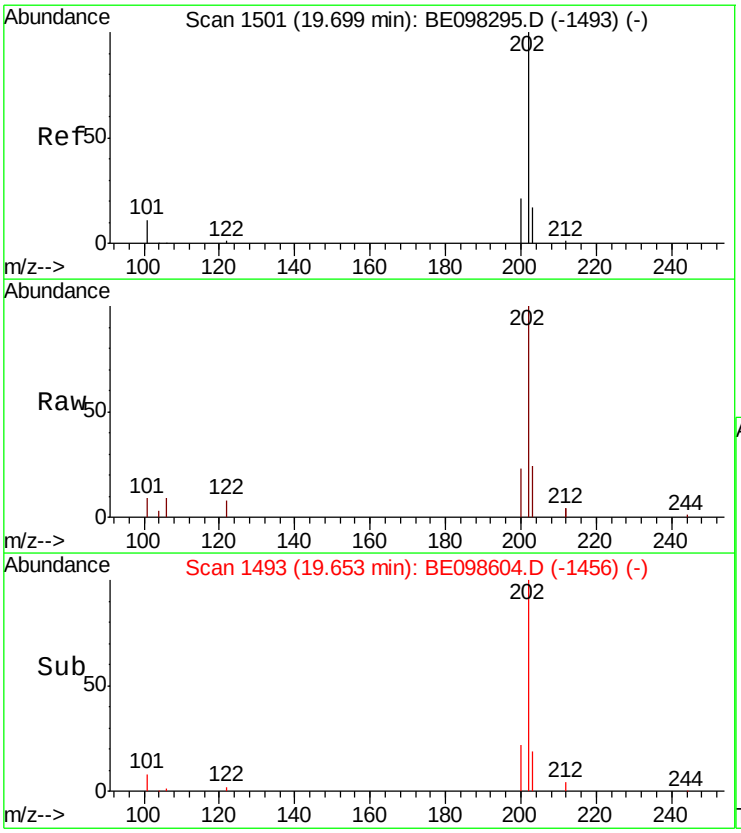
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8337

Ion	Ratio	Lower	Upper
240	100		
120	215.7	9.5	14.3#
236	83.1	22.7	34.1#

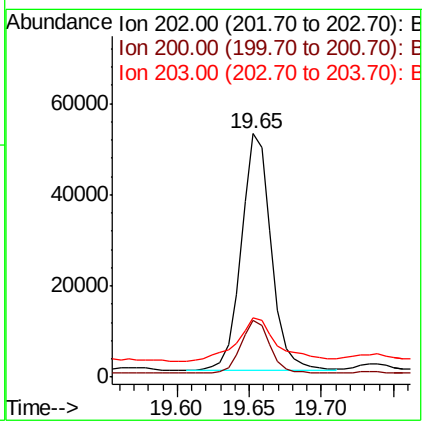


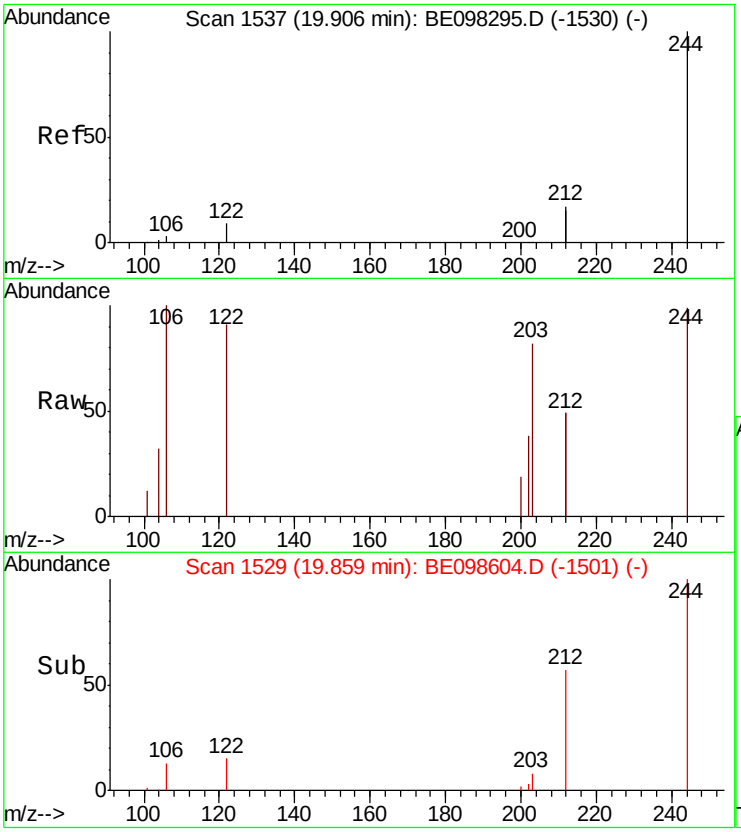


#28
Pyrene
Concen: 2.882 ng
RT: 19.65 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:202 Resp: 75396

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	24.8	14.1	21.1#



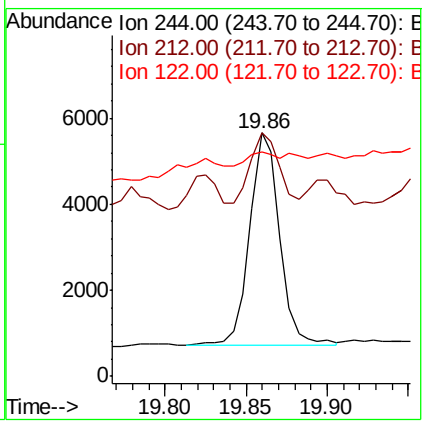


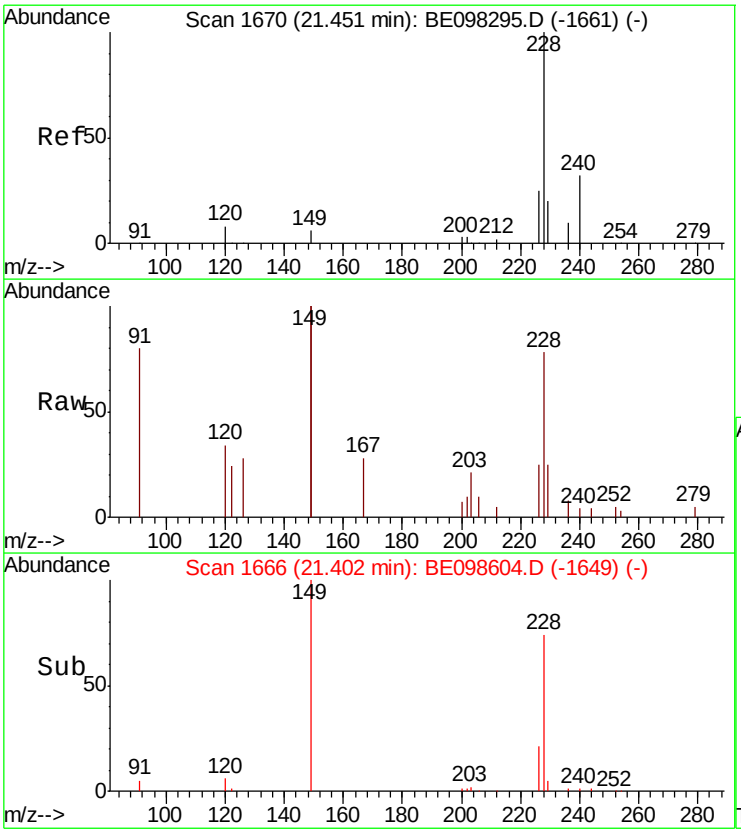
#29
Terphenyl-d14
Concen: 0.313 ng
RT: 19.86 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6343

Ion	Ratio	Lower	Upper
244	100		
212	100.0	27.4	41.0#
122	92.3	8.3	12.5#

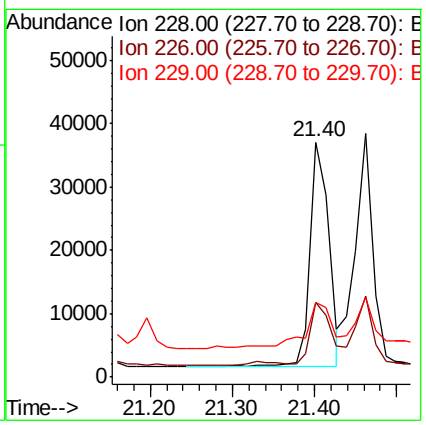


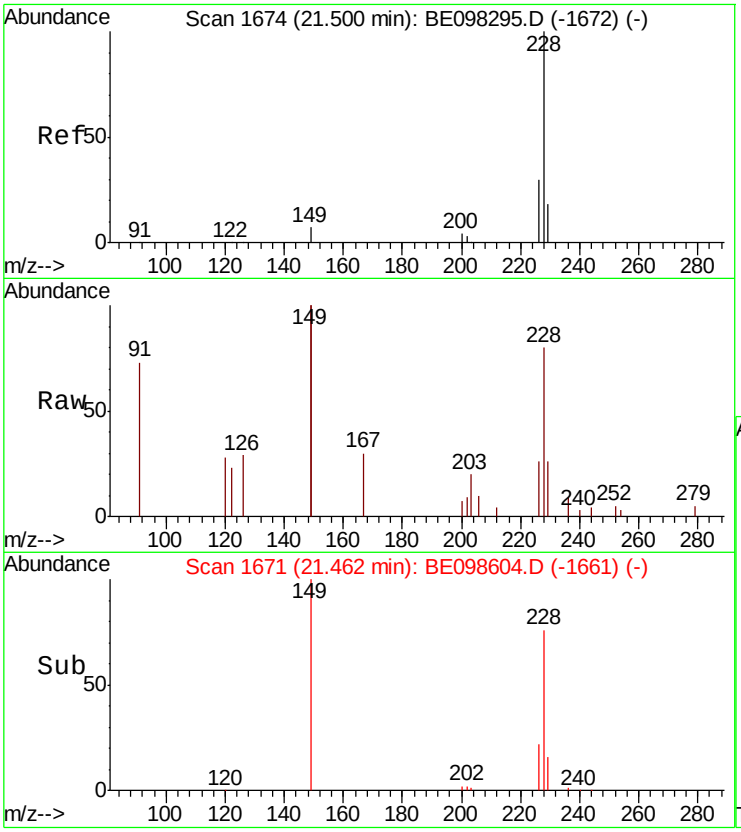


#30
Benzo(a)anthracene
Concen: 2.361 ng
RT: 21.40 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:228 Resp: 56054

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.8	32.8
229	31.6	16.3	24.5#



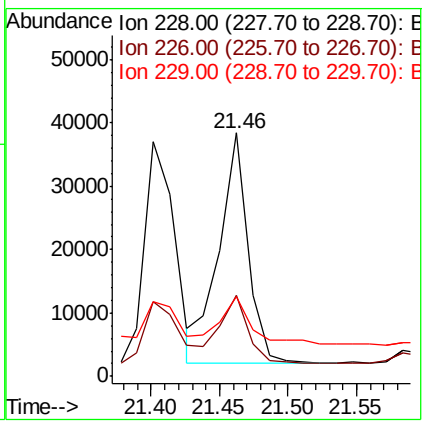


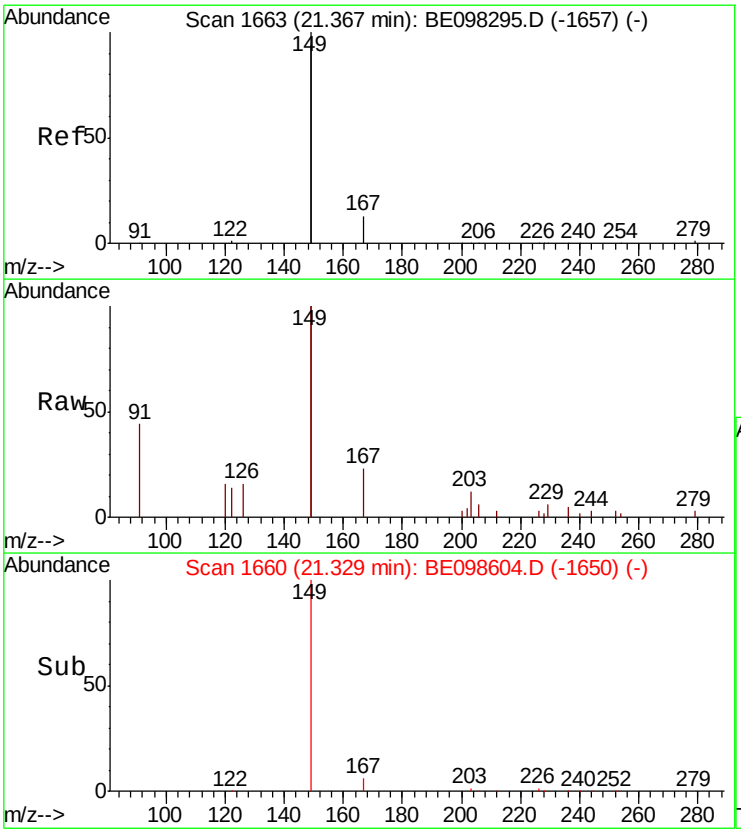
#31
Chrysene
Concen: 2.162 ng
RT: 21.46 min Scan# 1671
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 53767

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	32.6	16.2	24.4#

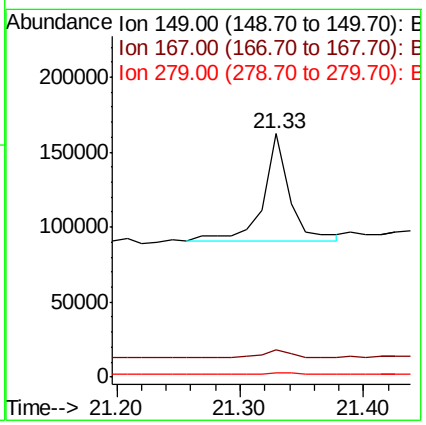


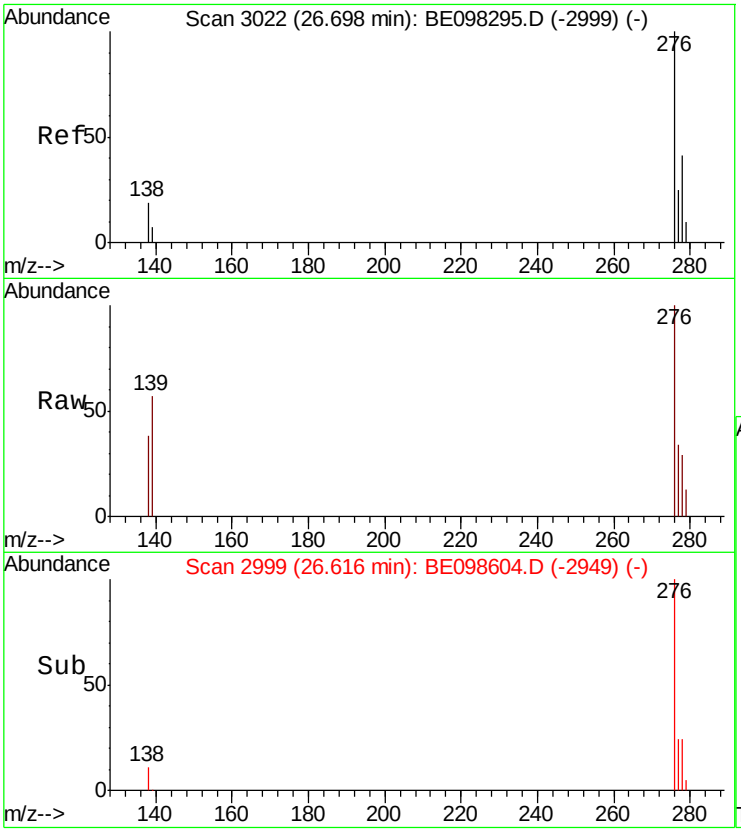


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.275 ng
RT: 21.33 min Scan# 1660
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:149 Resp: 109706

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



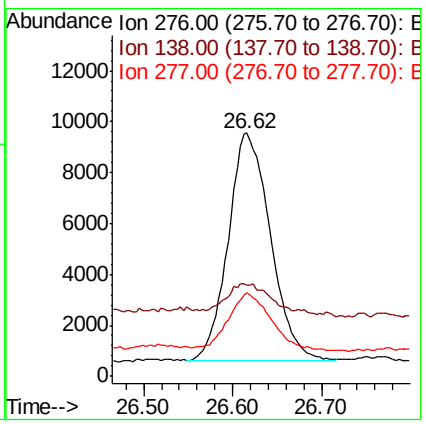


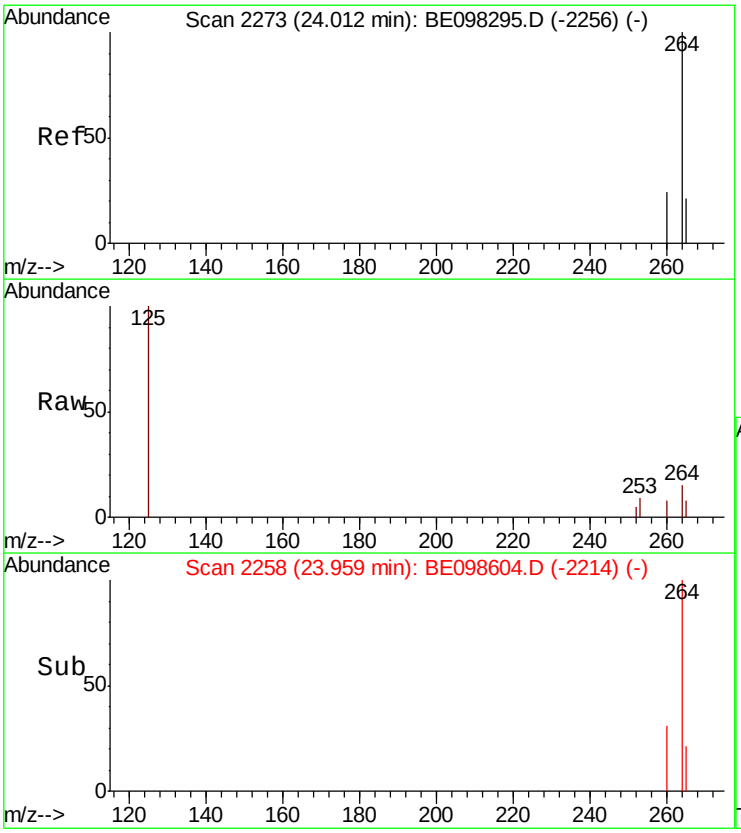
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.194 ng
RT: 26.62 min Scan# 2999
Delta R.T. -0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 29547

Ion	Ratio	Lower	Upper
276	100		
138	11.2	16.3	24.5#
277	25.6	20.2	30.4

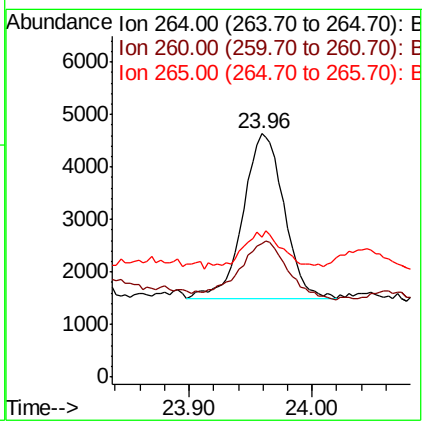


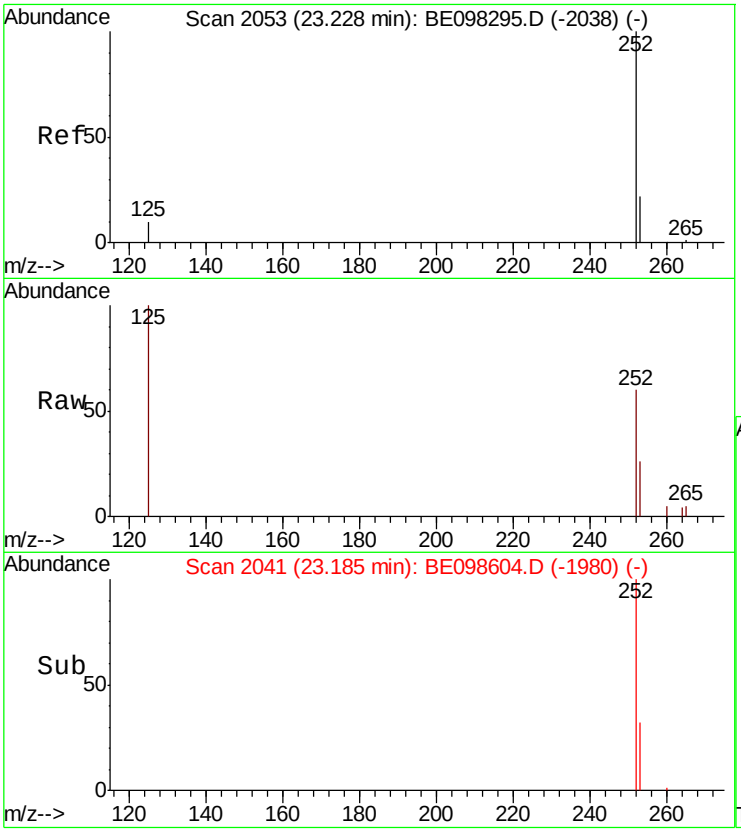


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:264 Resp: 7261

Ion	Ratio	Lower	Upper
264	100		
260	55.1	20.2	30.2#
265	57.3	25.2	37.8#



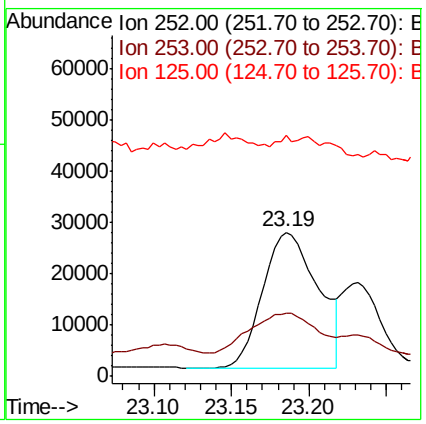


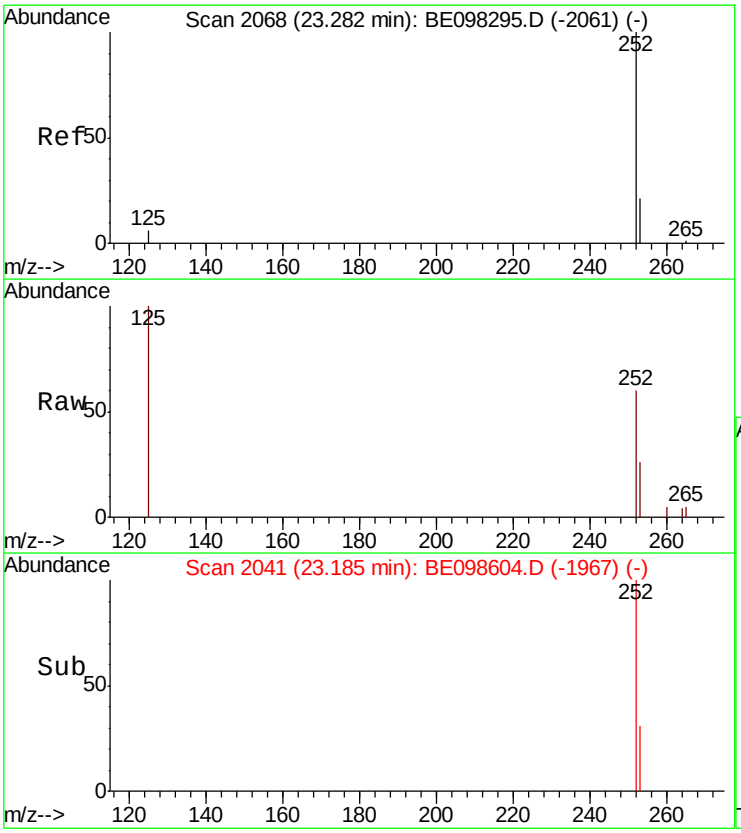
#35
Benzo(b)fluoranthene
Concen: 3.306 ng
RT: 23.19 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 65655

Ion	Ratio	Lower	Upper
252	100		
253	44.4	20.0	30.0#
125	167.6	9.6	14.4#

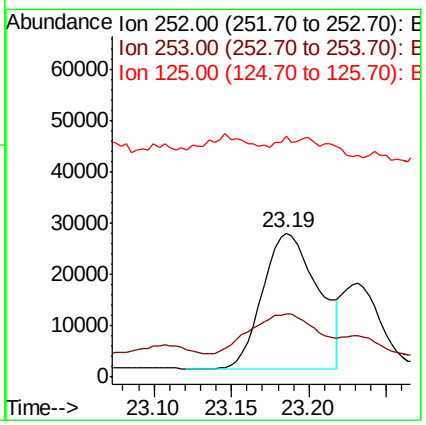


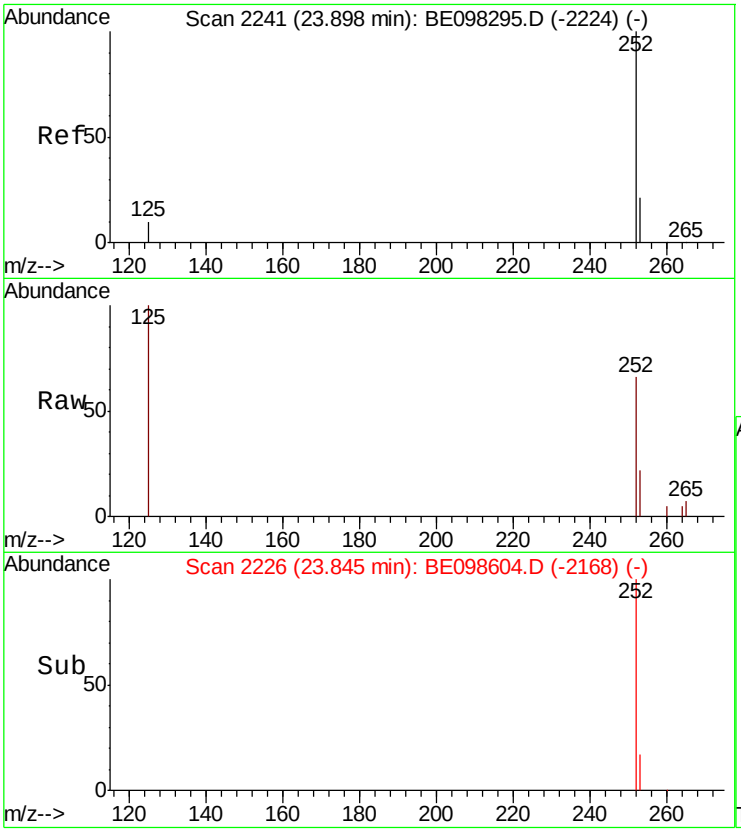


#36
Benzo(k)fluoranthene
Concen: 2.838 ng
RT: 23.19 min Scan# 2041
Delta R.T. -0.04 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:252 Resp: 65655

Ion	Ratio	Lower	Upper
252	100		
253	44.4	19.0	28.6#
125	167.6	9.1	13.7#



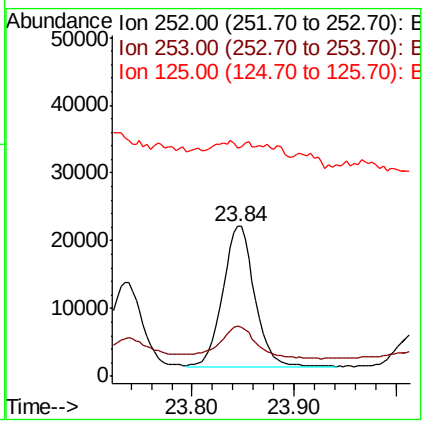


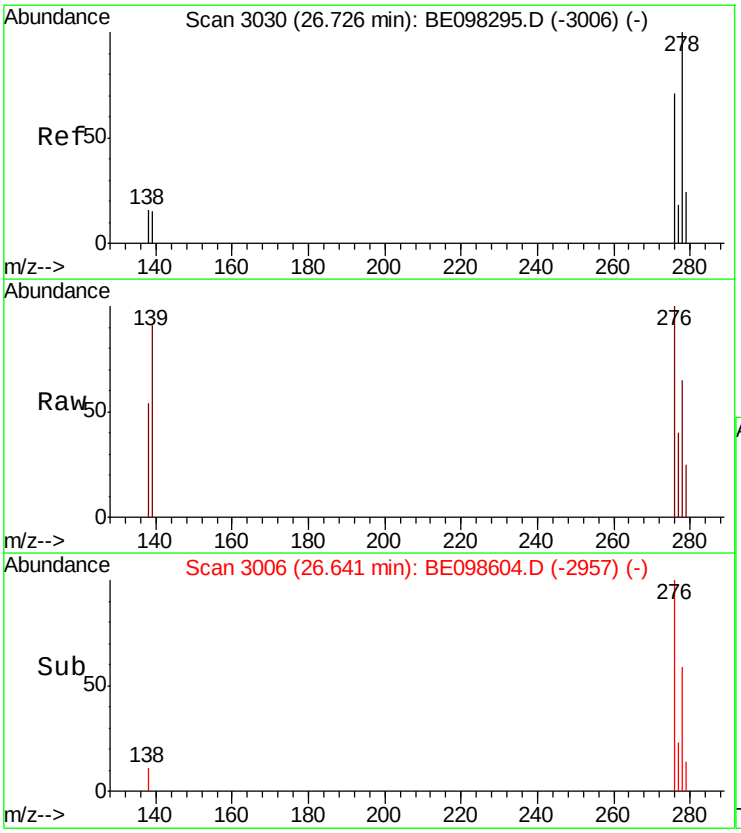
#37
Benzo(a)pyrene
Concen: 2.174 ng
RT: 23.84 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 44535

Ion	Ratio	Lower	Upper
252	100		
253	33.4	20.6	30.8#
125	152.5	10.5	15.7#

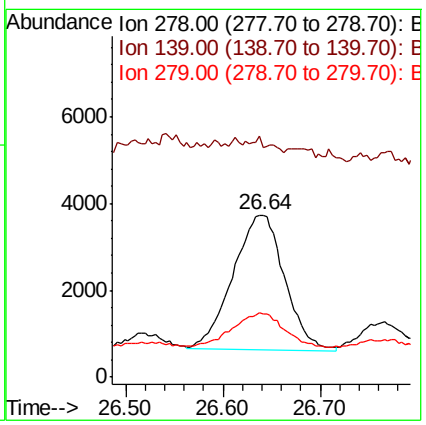


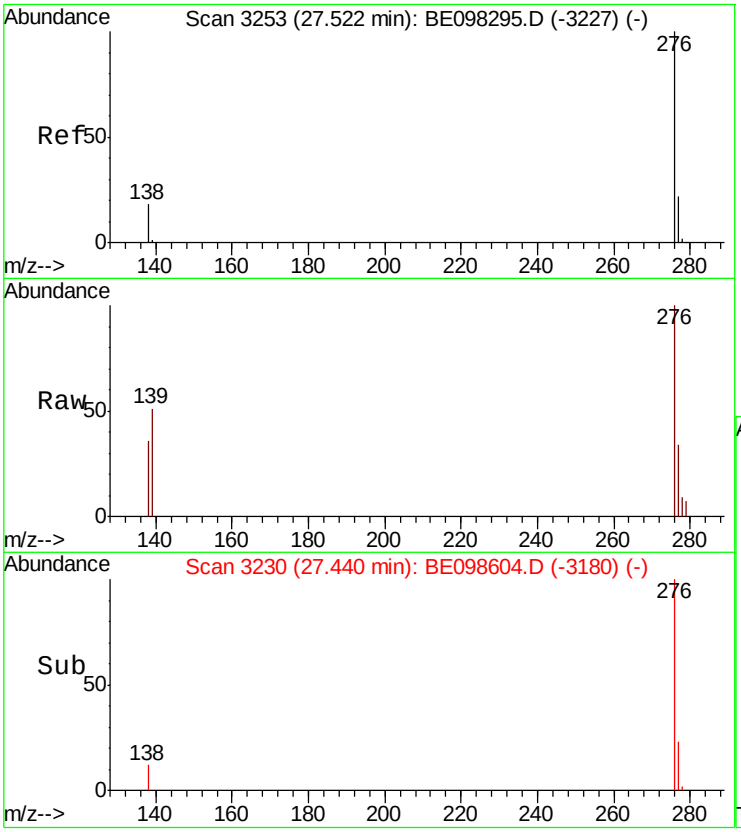


#38
Dibenzo(a,h)anthracene
Concen: 0.591 ng
RT: 26.64 min Scan# 3006
Delta R.T. -0.03 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Tgt Ion:278 Resp: 11415

Ion	Ratio	Lower	Upper
278	100		
139	141.2	14.5	21.7#
279	39.1	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 1.387 ng
RT: 27.44 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BE098604.D
Acq: 2 Jan 2019 12:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 26981

Ion	Ratio	Lower	Upper
276	100		
277	33.6	20.8	31.2#
138	35.7	15.8	23.6#