Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099033.D
Acq On : 19 Mar 2019 13:38
Operator : JU/SJ
Sample : K1937-13MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-TT-SW4002-20190314MS

Quant Time: Mar 19 14:14:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	838	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3792	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2501	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	6021	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	7037	0.40	ng		-0.01
34) Perylene-d12	23.89	264	6727	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	347	0.14	ng		0.04
5) Phenol-d6	7.00	99	376	0.11	ng		0.01
8) Nitrobenzene-d5	8.96	82	1447	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	3246	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	484	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4551	0.44	ng		-0.01
25) Fluoranthene-d10	19.24	212	35020	0.36	ng		-0.01
29) Terphenyl-d14	19.83	244	7536	0.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1075	0.729	ng	#	69
3) n-Nitrosodimethylamine	3.65	42	125	0.059	ng	#	14
6) bis(2-Chloroethyl)ether	7.23	93	1077	0.394	ng		78
9) Naphthalene	10.63	128	15118	0.348	ng		100
10) Hexachlorobutadiene	10.90	225	829	0.289	ng		99
12) 2-Methylnaphthalene	12.27	142	2506	0.356	ng		97
16) Acenaphthylene	14.17	152	4463	0.347	ng		97
17) Acenaphthene	14.51	154	2702	0.354	ng		98
18) Fluorene	15.50	166	3828	0.348	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	1247	0.382	ng	#	81
21) Hexachlorobenzene	16.50	284	1340	0.345	ng		99
22) Pentachlorophenol	16.87	266	803	0.872	ng	#	81
23) Phenanthrene	17.24	178	6338	0.370	ng		99
24) Anthracene	17.33	178	5186	0.355	ng		99
26) Fluoranthene	19.27	202	8403	0.348	ng		99
28) Pyrene	19.63	202	8568	0.398	ng		99
30) Benzo(a)anthracene	21.38	228	7827	0.356	ng		98
31) Chrysene	21.43	228	8383	0.357	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	23112	0.494	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	7416	0.299	ng		98
35) Benzo(b)fluoranthene	23.17	252	8757	0.396	ng		95
36) Benzo(k)fluoranthene	23.17	252	9024	0.390	ng		97
37) Benzo(a)pyrene	23.78	252	8007	0.378	ng	#	69
38) Dibenzo(a,h)anthracene	26.55	278	5718	0.285	ng	#	94
39) Benzo(g,h,i)perylene	27.33	276	6825	0.325	ng		98

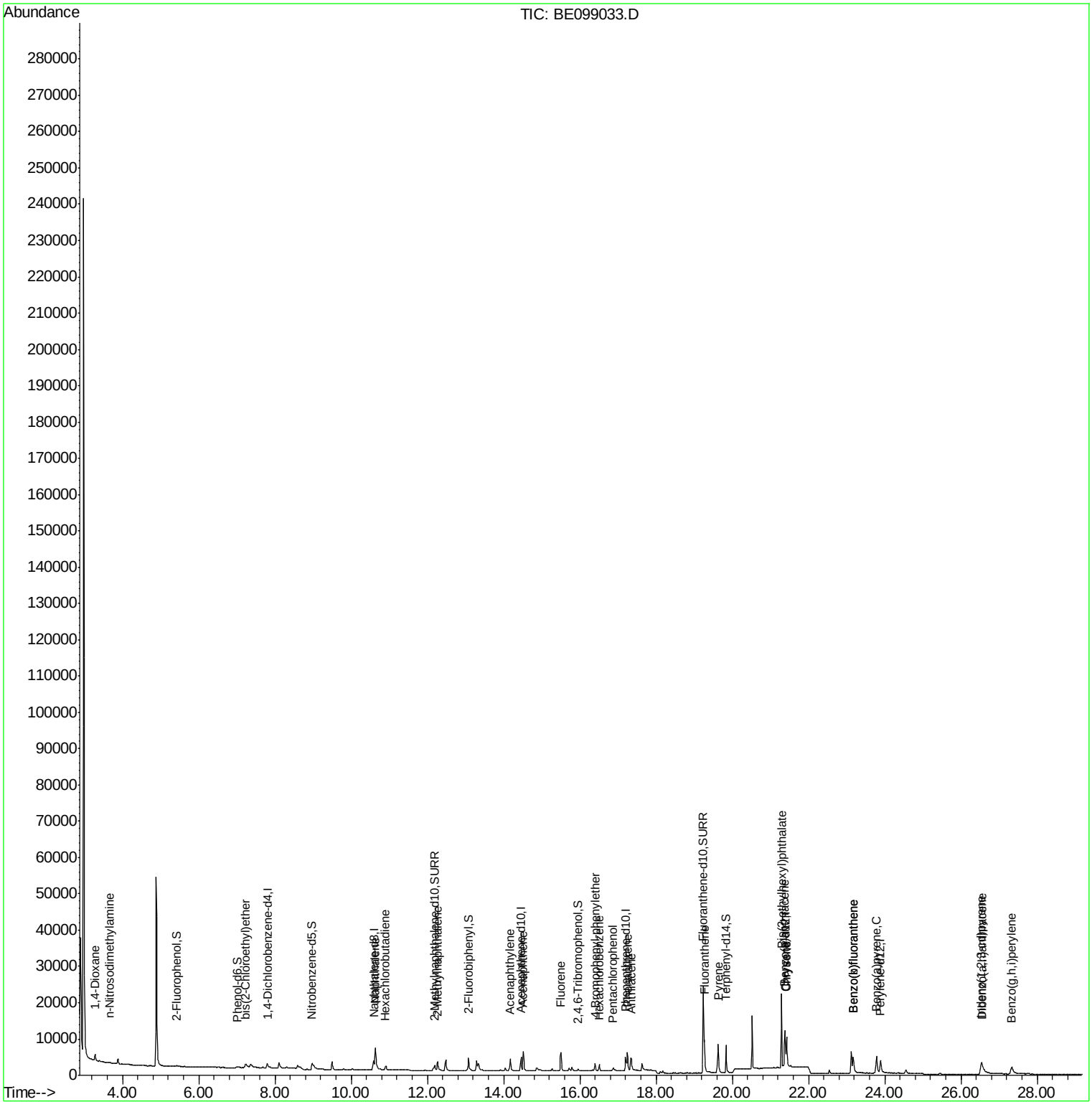
(#) = qualifier out of range (m) = manual integration (+) = signals summed

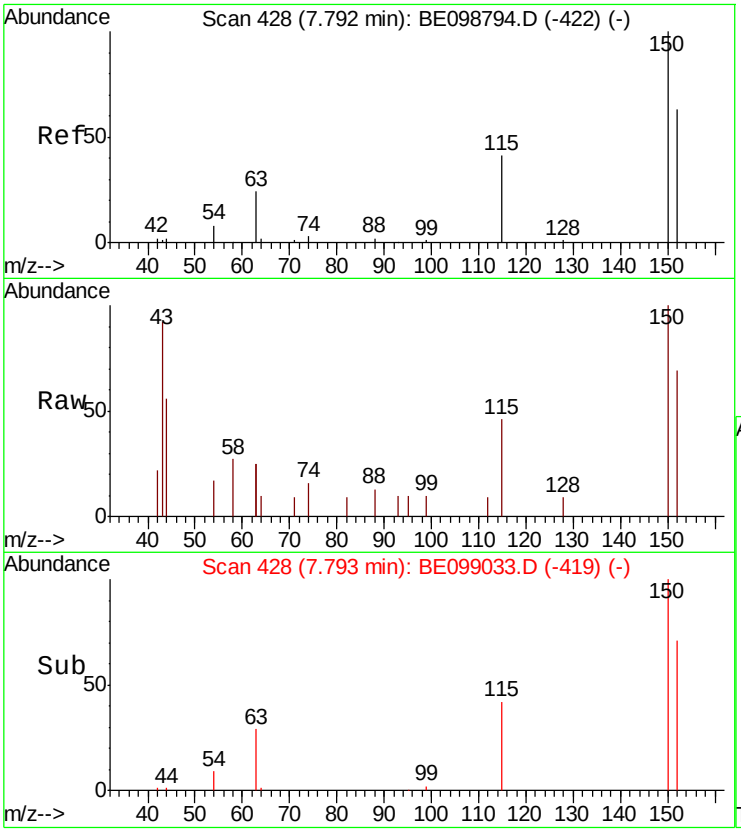
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099033.D
Acq On : 19 Mar 2019 13:38
Operator : JU/SJ
Sample : K1937-13MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Quant Time: Mar 19 14:14:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



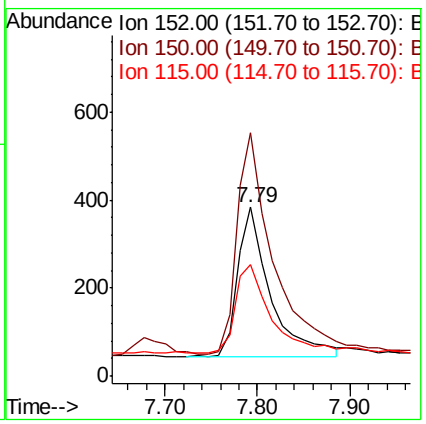


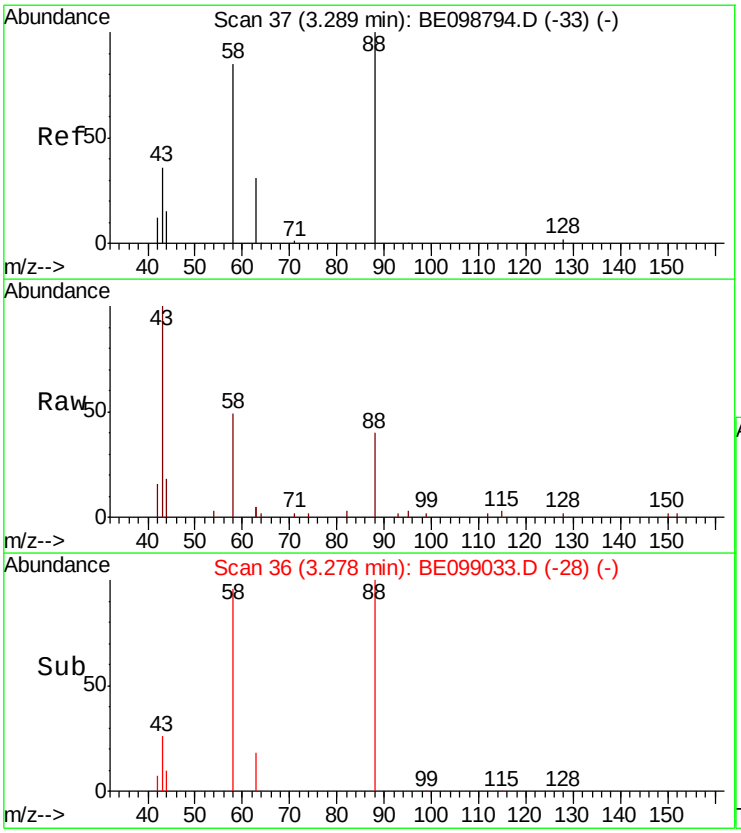
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:152 Resp: 838

Ion	Ratio	Lower	Upper
152	100		
150	144.4	122.5	183.7
115	66.3	57.4	86.2

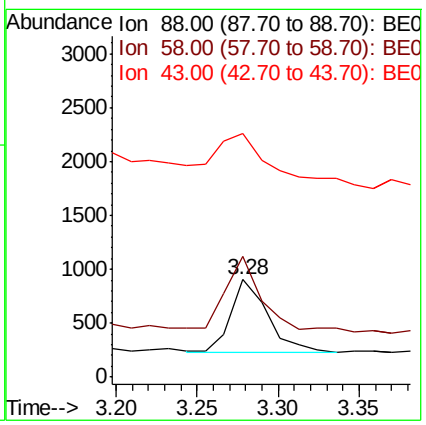


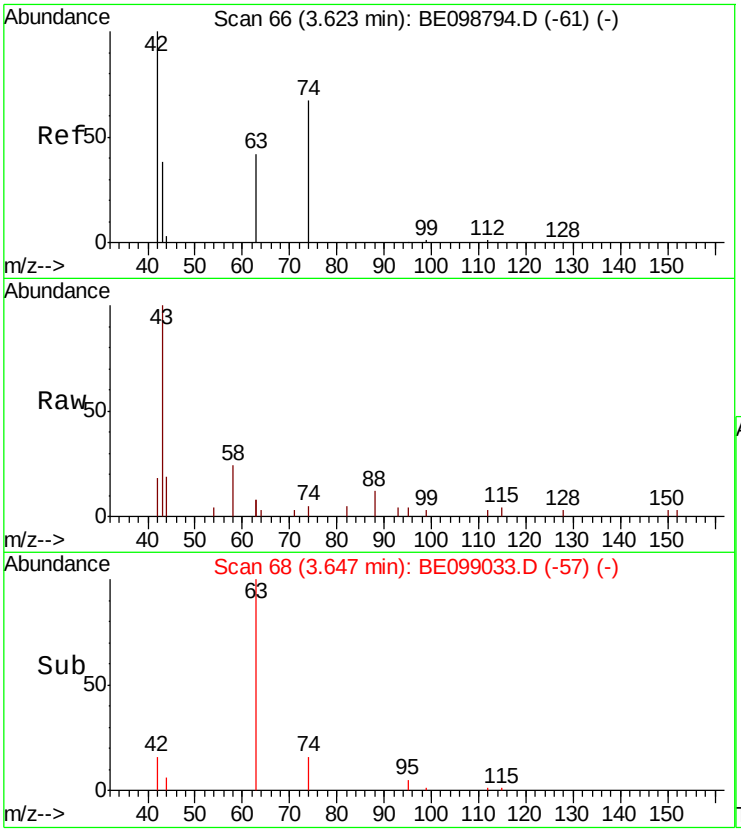


#2
1,4-Dioxane
Concen: 0.729 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion: 88 Resp: 1075

Ion	Ratio	Lower	Upper
88	100		
58	101.5	75.8	113.6
43	104.2	41.8	62.8#



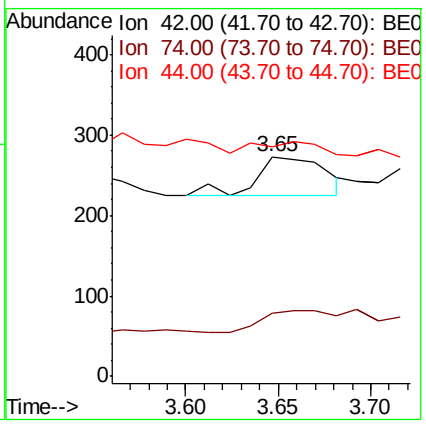


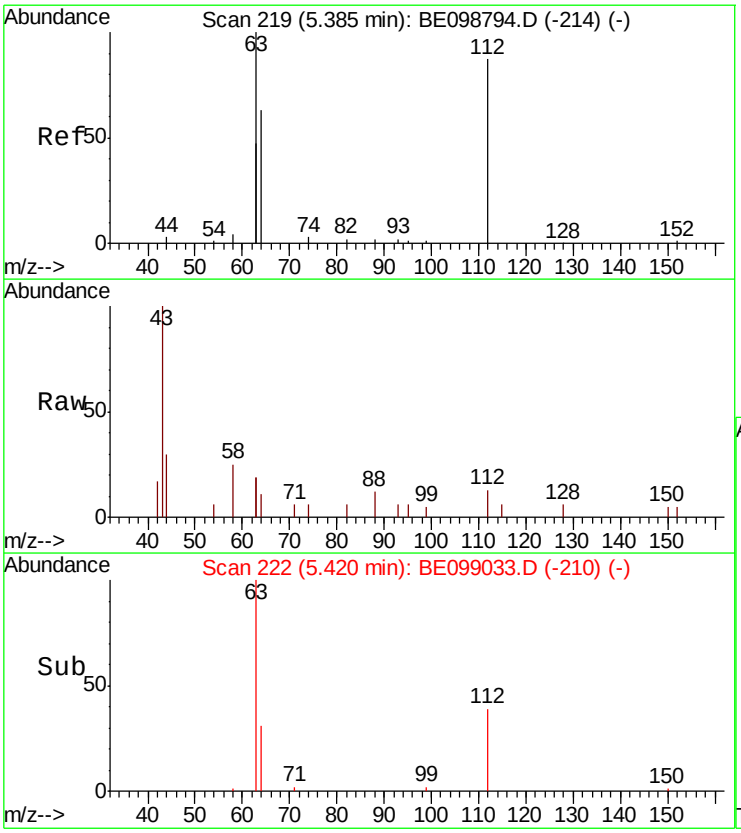
#3
n-Nitrosodimethylamine
Concen: 0.059 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion: 42 Resp: 125

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	28.8	0.0	0.0#

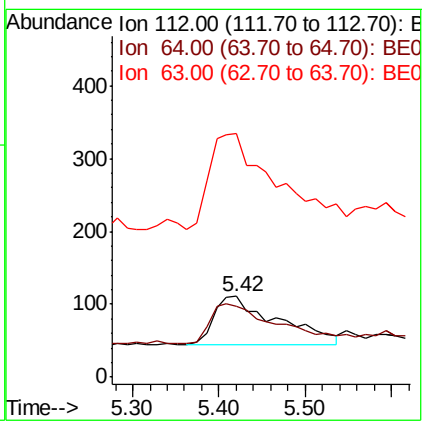


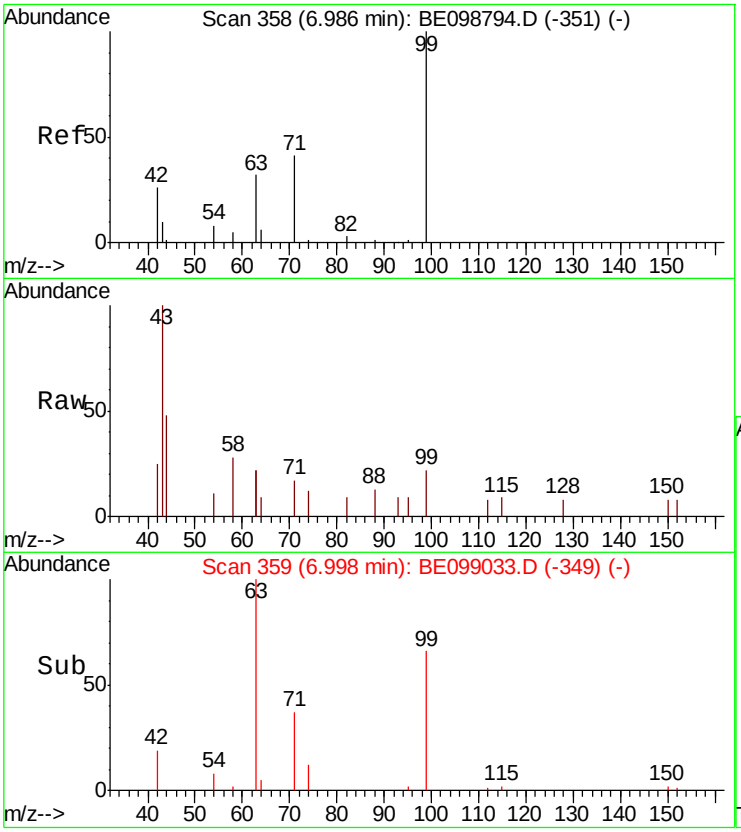


#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:112 Resp: 347

Ion	Ratio	Lower	Upper
112	100		
64	88.8	57.9	86.9#
63	211.0	158.3	237.5



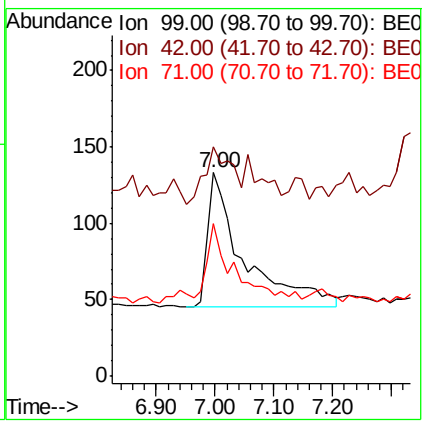


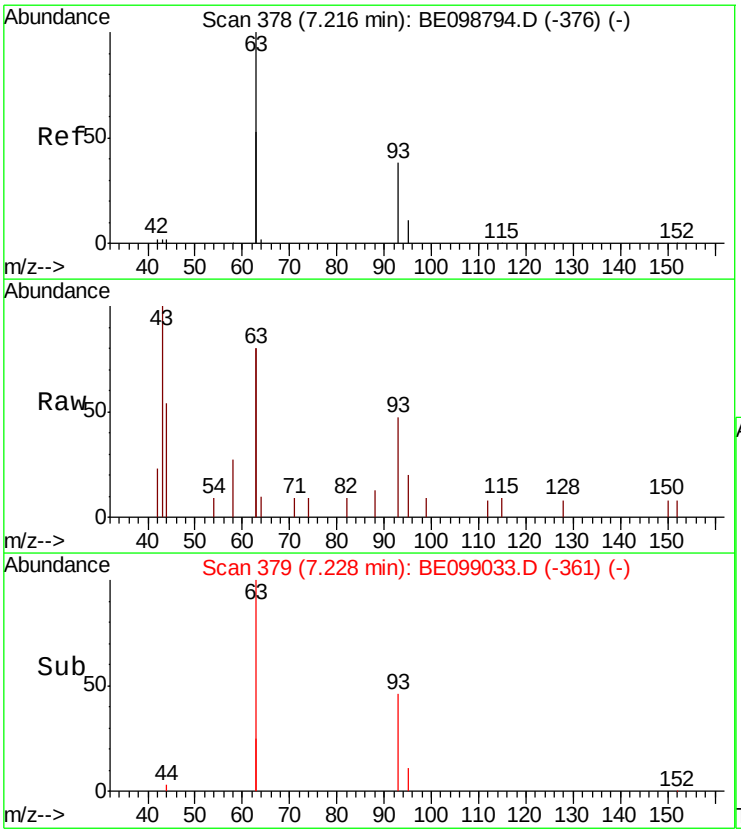
#5
Phenol-d6
Concen: 0.106 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion: 99 Resp: 376

Ion	Ratio	Lower	Upper
99	100		
42	32.2	24.2	36.2
71	43.6	35.7	53.5

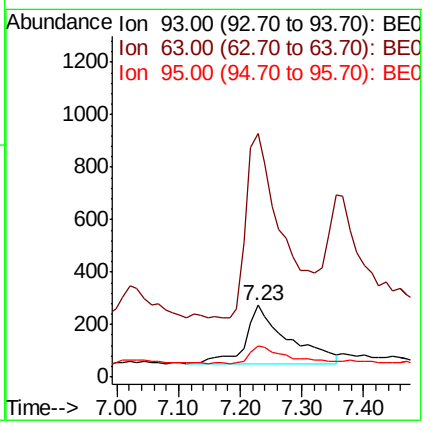


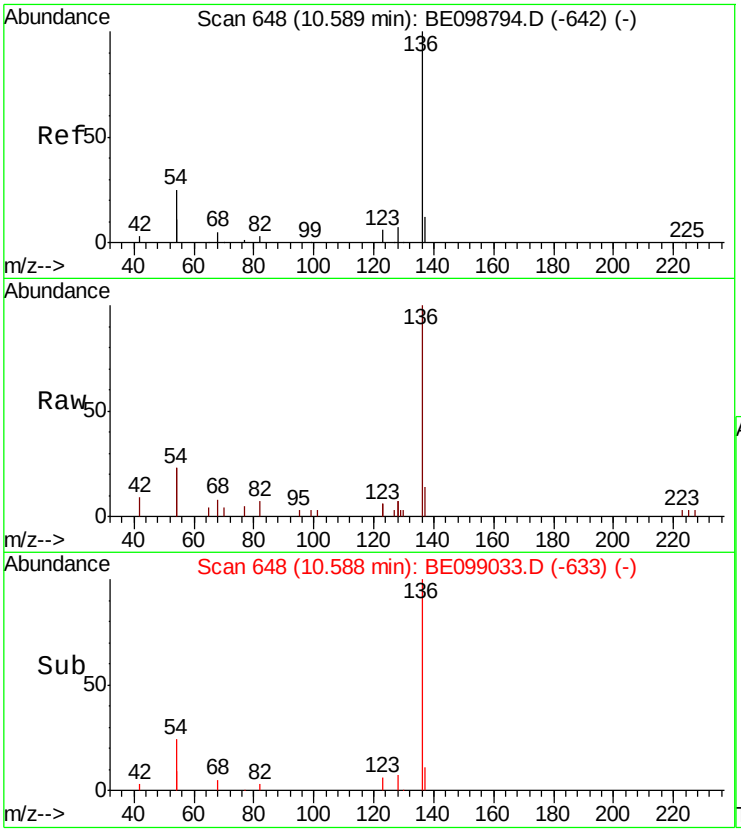


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion: 93 Resp: 1077

Ion	Ratio	Lower	Upper
93	100		
63	260.6	247.5	371.3
95	27.1	21.8	32.8



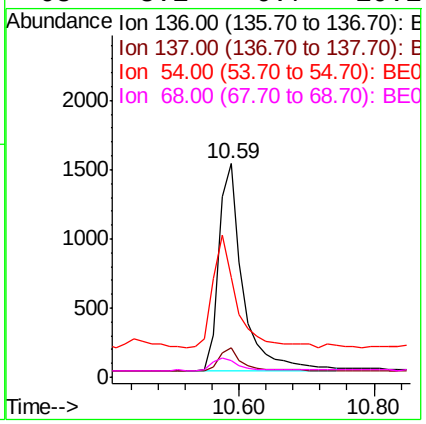


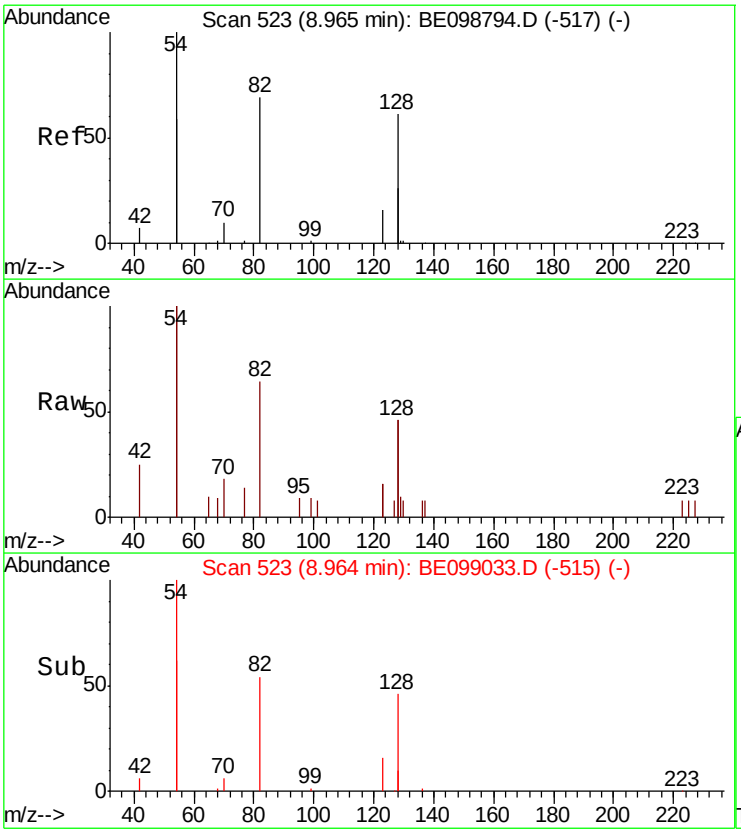
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:136 Resp: 3792

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.4	17.0
54	46.9	39.3	58.9
68	8.1	6.7	10.1

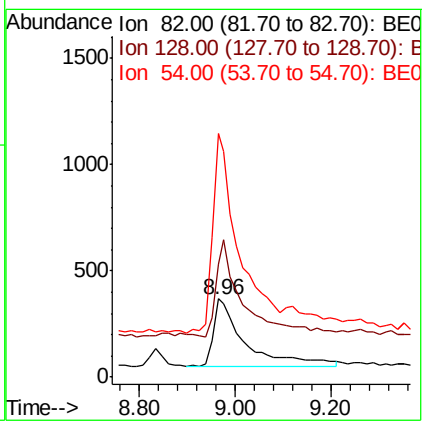


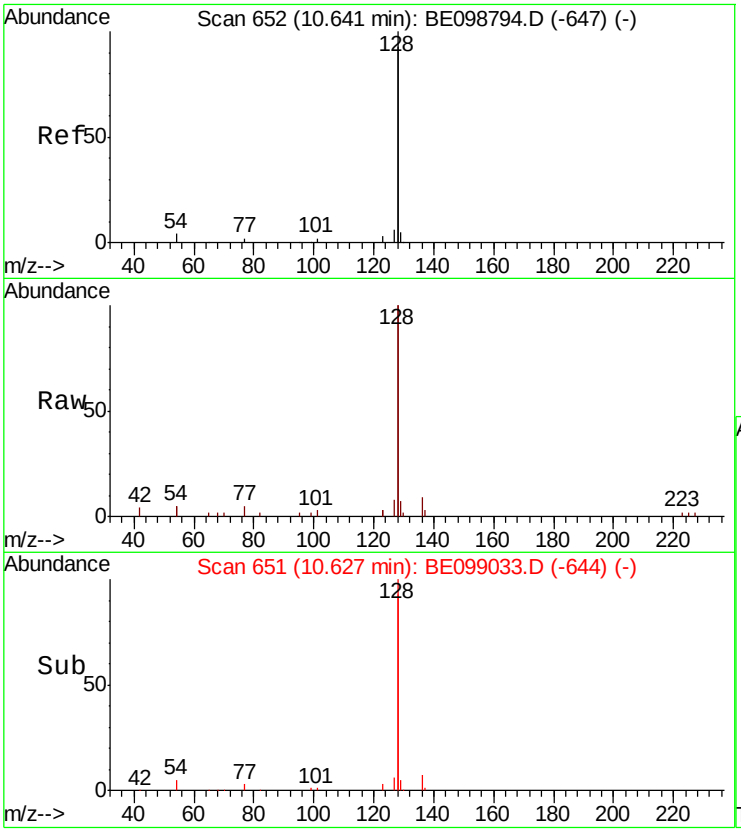


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion: 82 Resp: 1447

Ion	Ratio	Lower	Upper
82	100		
128	144.4	123.8	185.8
54	312.3	203.4	305.2#



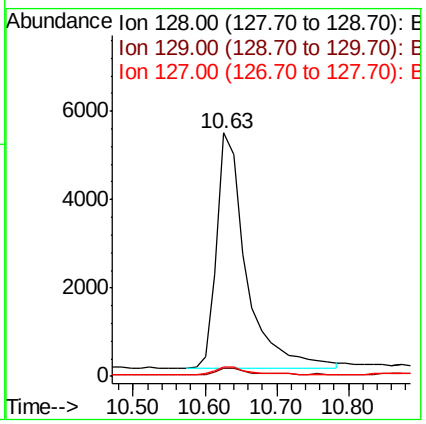


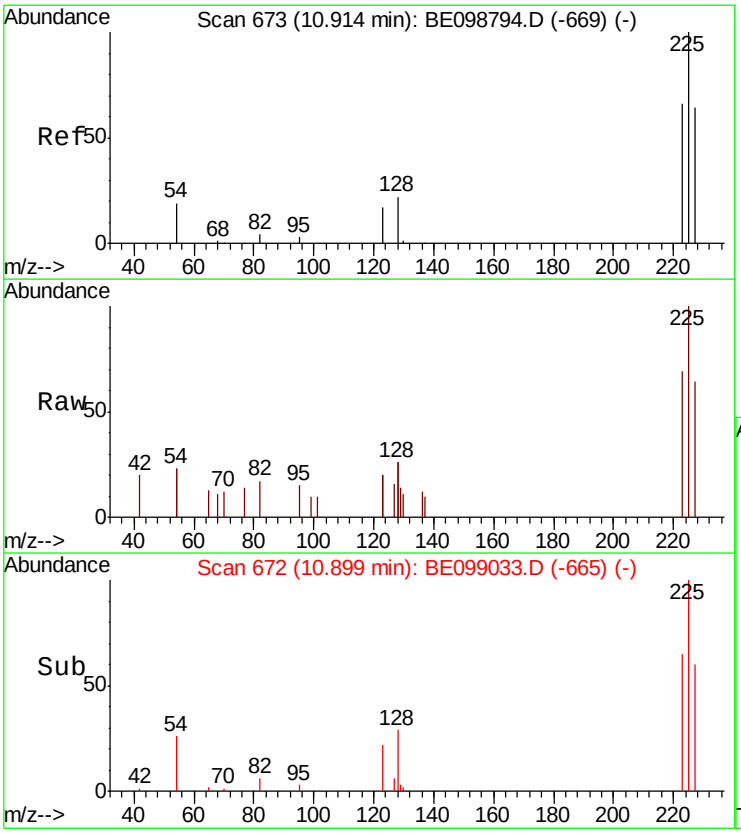
#9
Naphthalene
Concen: 0.348 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:128 Resp: 15118

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.0	3.1	4.7

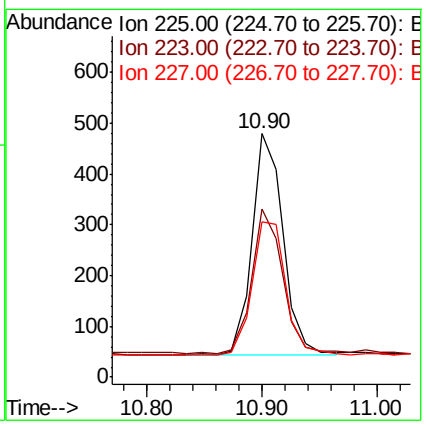


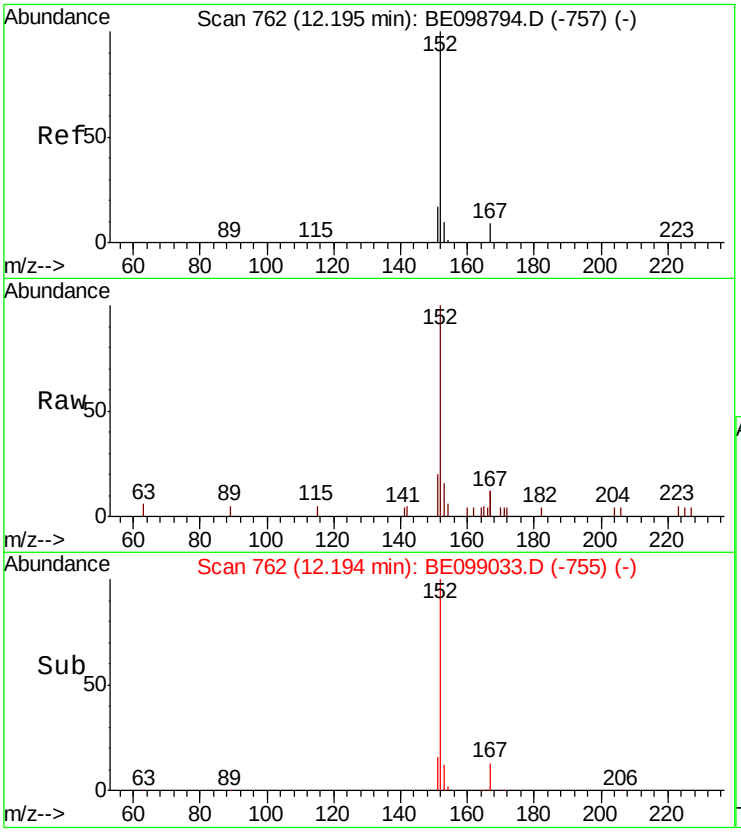


#10
Hexachlorobutadiene
Concen: 0.289 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:225 Resp: 829

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.1	76.7
227	64.7	51.6	77.4



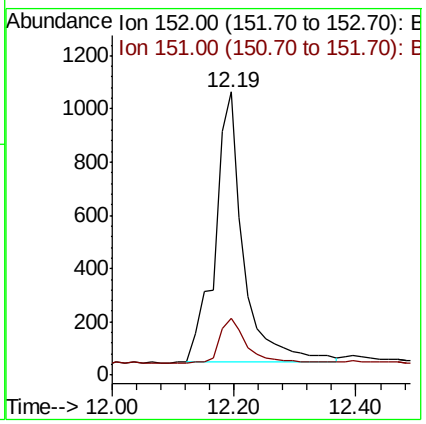


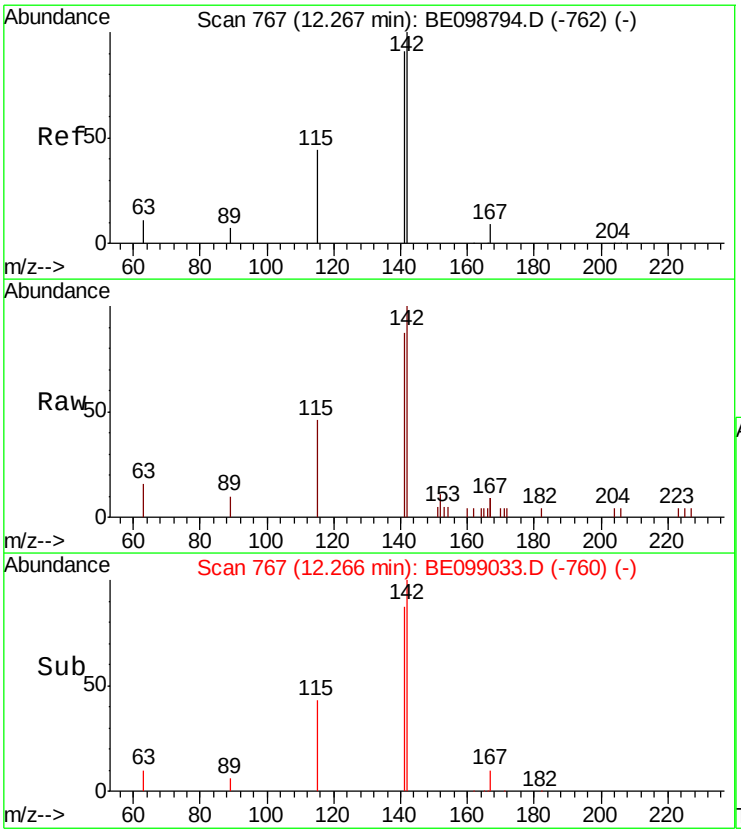
#11
2-Methylnaphthalene-d10
Concen: 0.463 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:152 Resp: 3246

Ion	Ratio	Lower	Upper
152	100		
151	15.8	16.5	24.7#

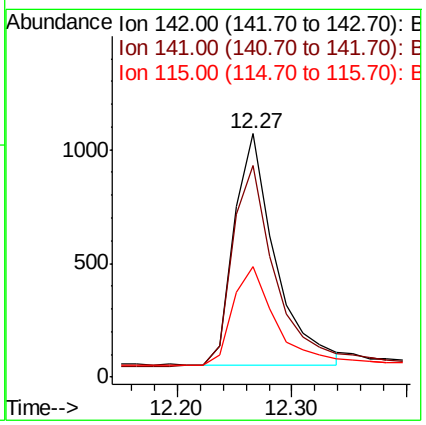


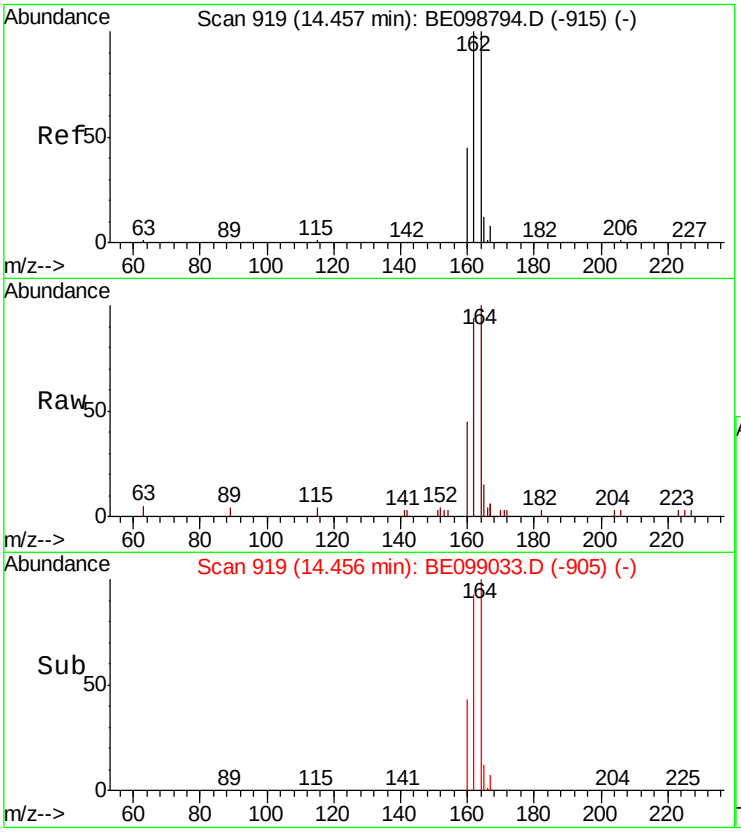


#12
2-Methylnaphthalene
Concen: 0.356 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:142 Resp: 2506

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8
115	45.6	37.4	56.2



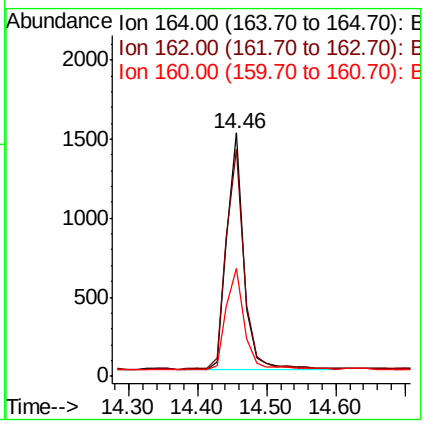


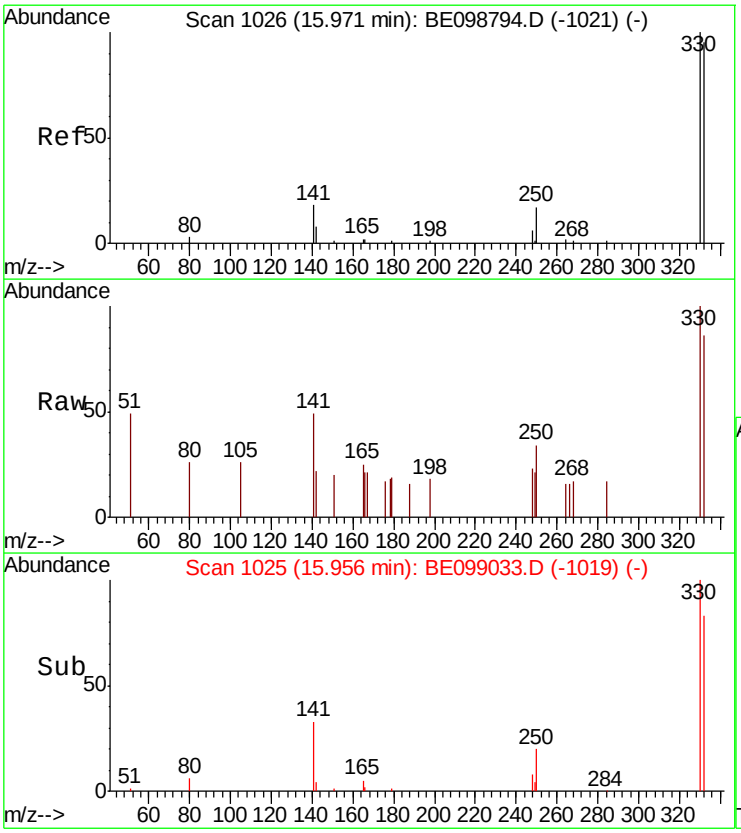
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:164 Resp: 2501

Ion	Ratio	Lower	Upper
164	100		
162	93.5	80.2	120.2
160	44.5	37.8	56.8

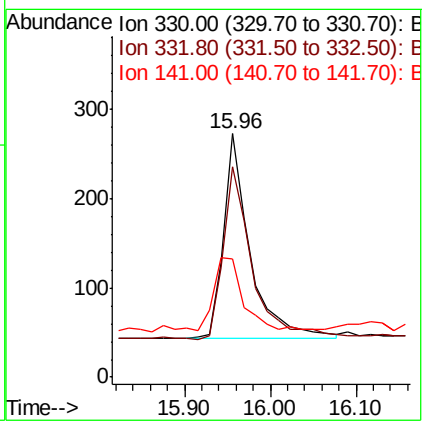


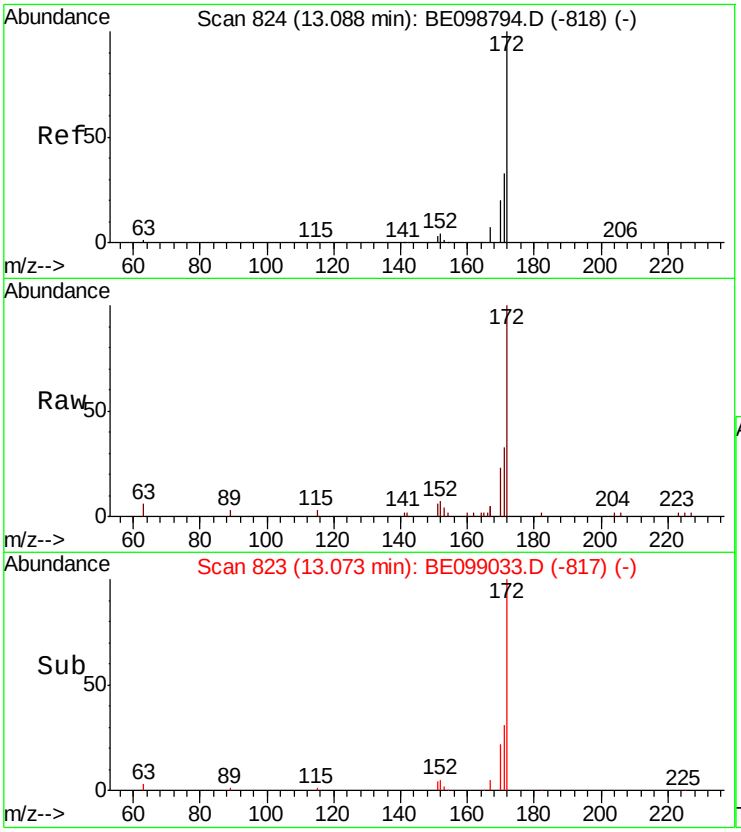


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:330 Resp: 484

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	41.1	31.0	46.4



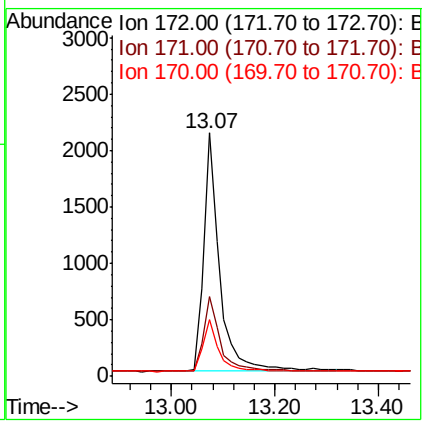


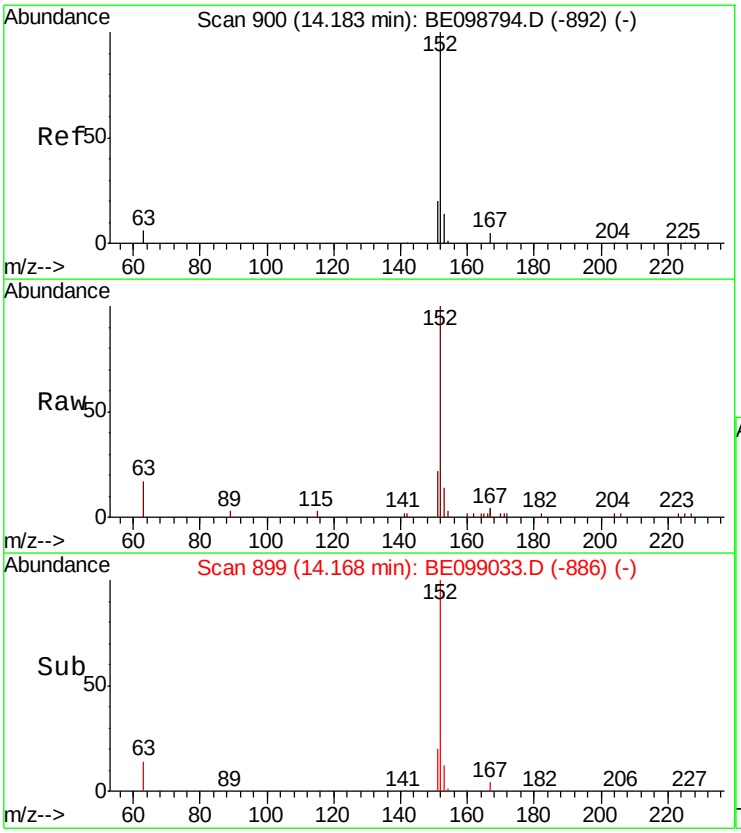
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:172 Resp: 4551

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.0	42.0
170	23.5	17.7	26.5

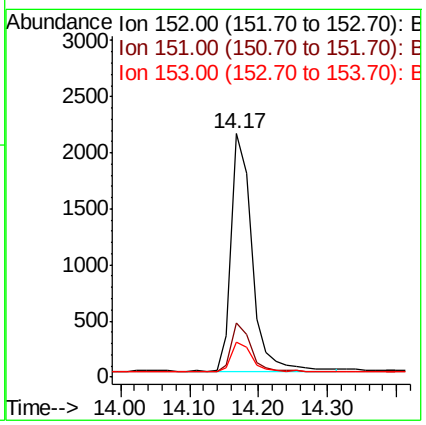


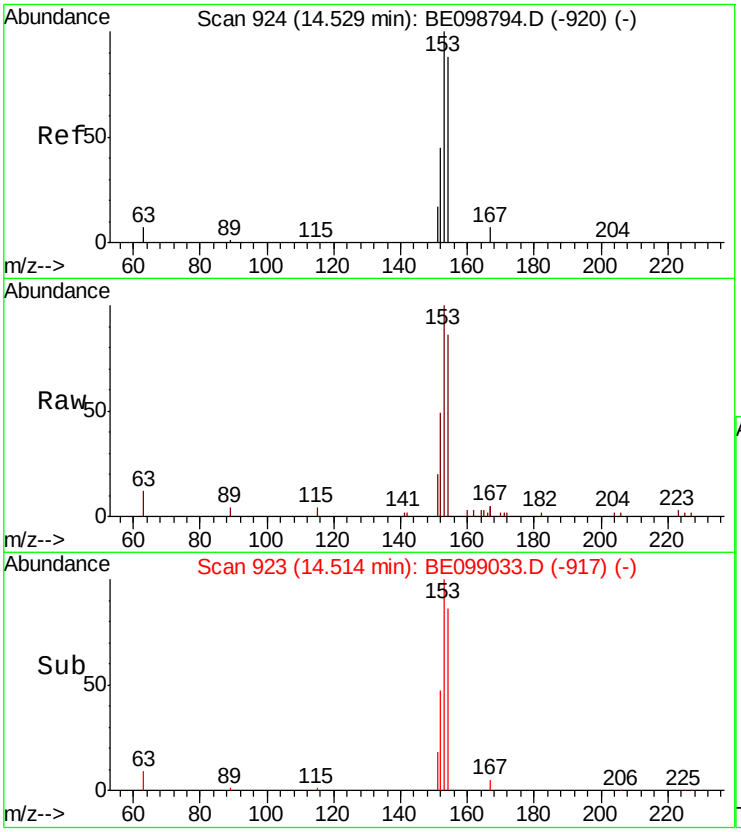


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:152 Resp: 4463

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.6
153	12.4	11.2	16.8



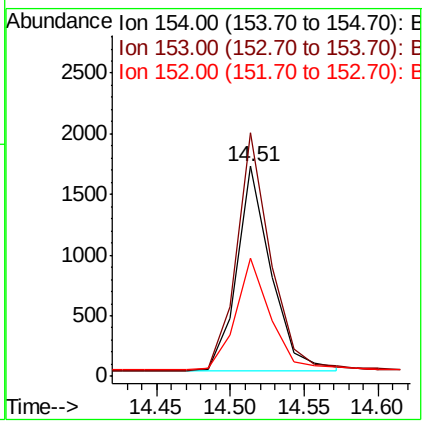


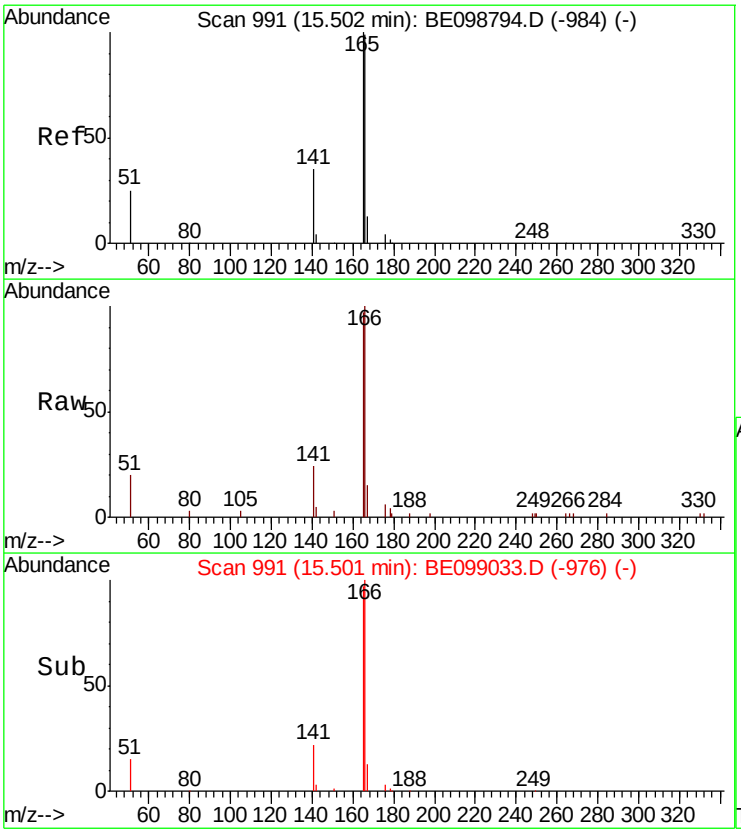
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:154 Resp: 2702

Ion	Ratio	Lower	Upper
154	100		
153	115.5	94.2	141.4
152	56.4	45.0	67.4

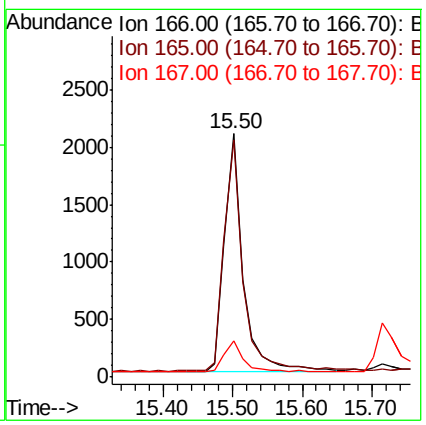


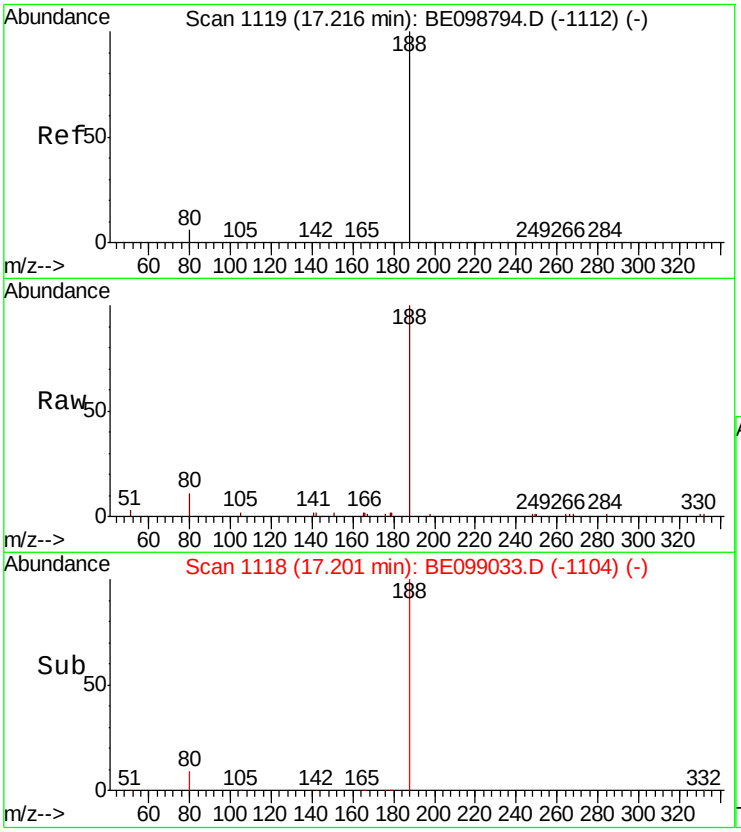


#18
Fluorene
Concen: 0.348 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:166 Resp: 3828

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.3	118.9
167	13.4	10.5	15.7



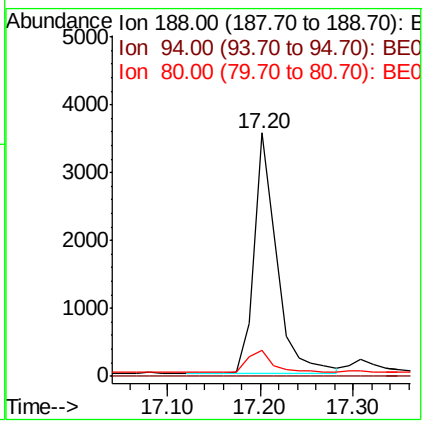


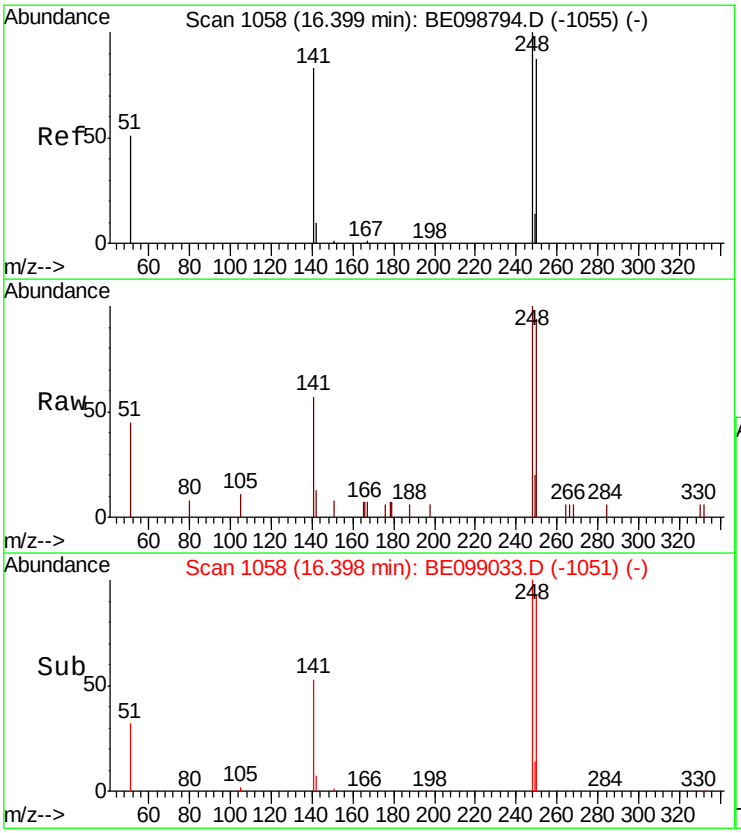
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:188 Resp: 6021

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	6.3	9.5#

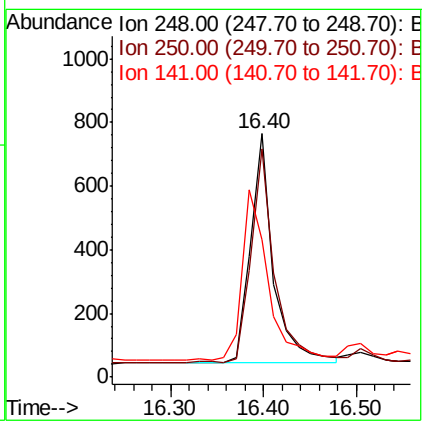


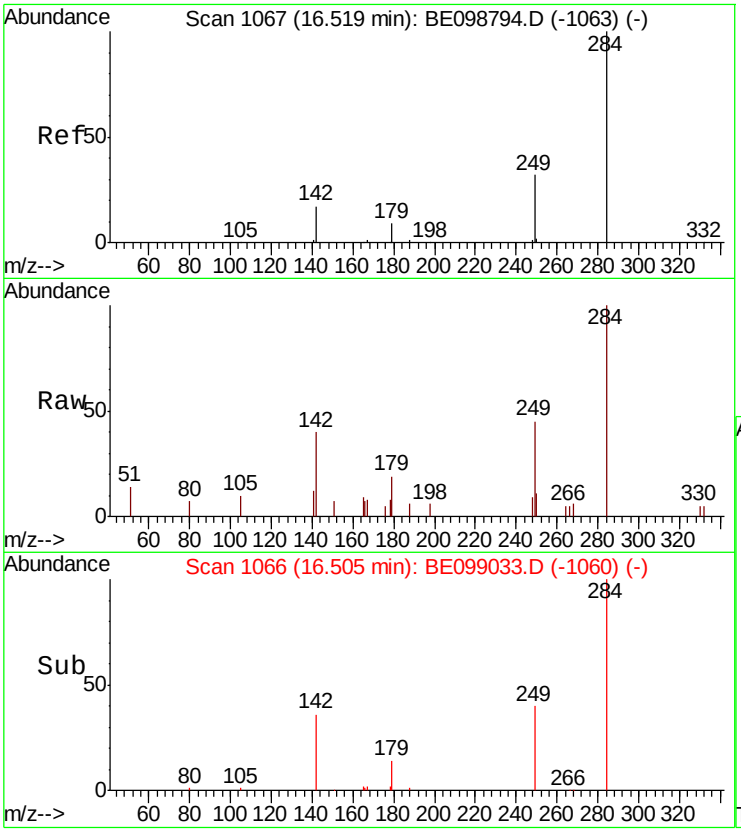


#20
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:248 Resp: 1247

Ion	Ratio	Lower	Upper
248	100		
250	93.7	70.6	105.8
141	56.6	68.6	102.8#



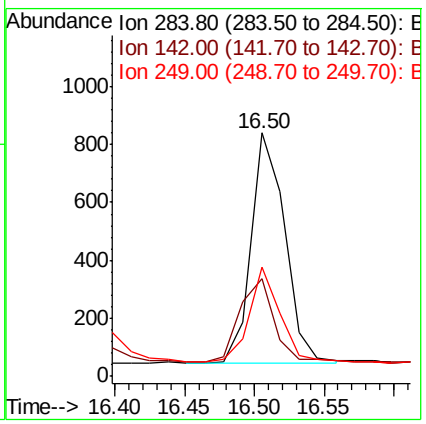


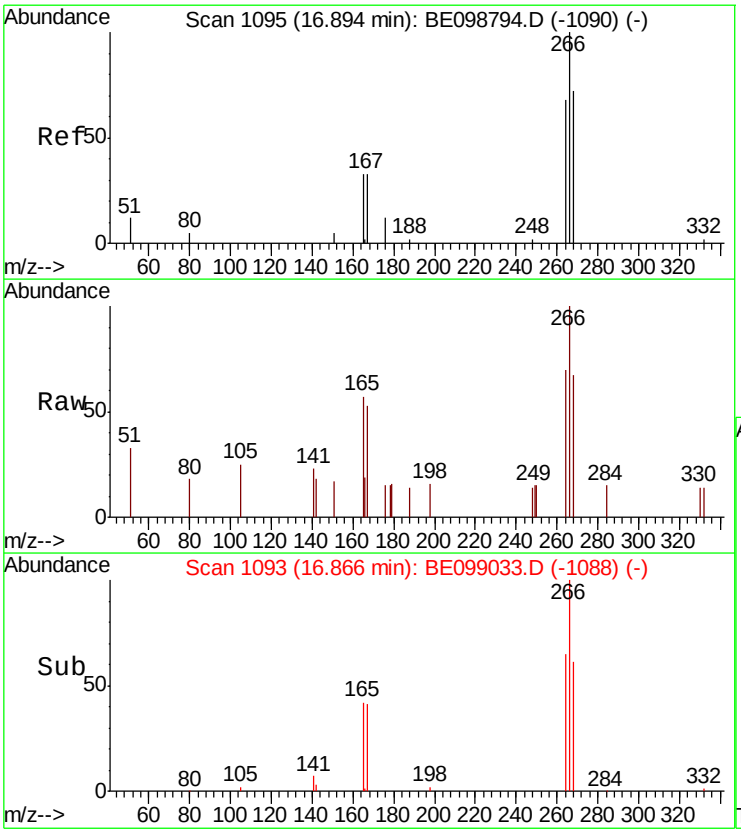
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:284 Resp: 1340

Ion	Ratio	Lower	Upper
284	100		
142	36.9	28.7	43.1
249	37.3	29.6	44.4

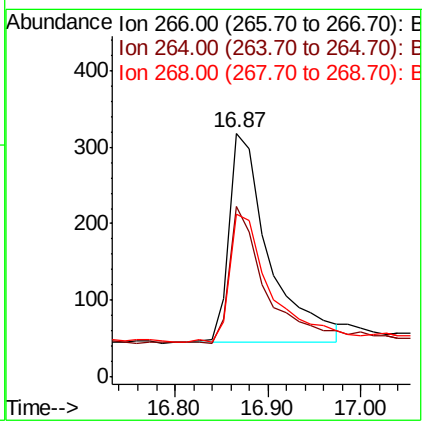


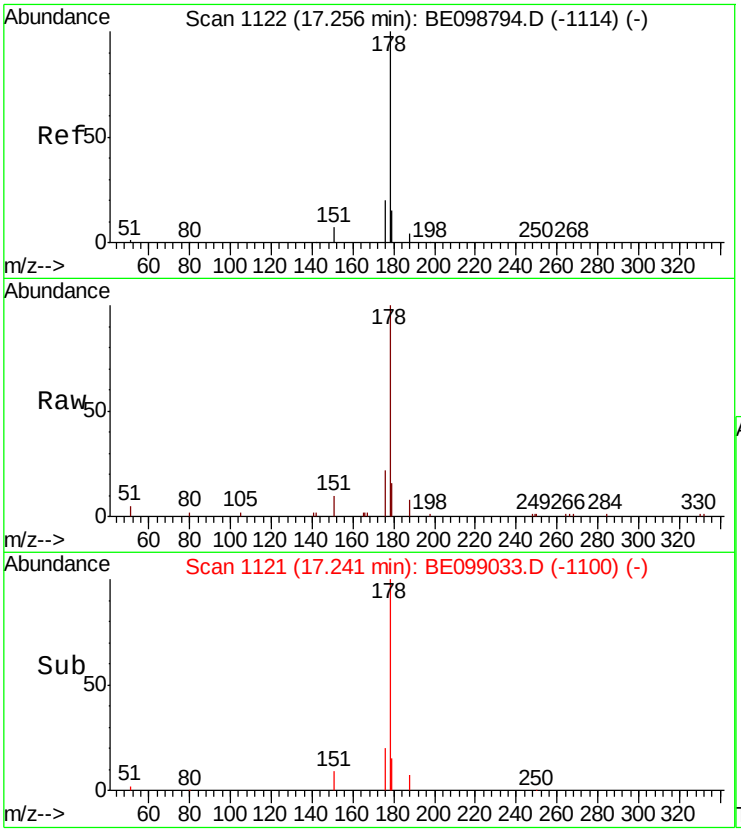


#22
Pentachlorophenol
Concen: 0.872 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:266 Resp: 803

Ion	Ratio	Lower	Upper
266	100		
264	70.1	66.6	100.0
268	66.7	69.8	104.8#



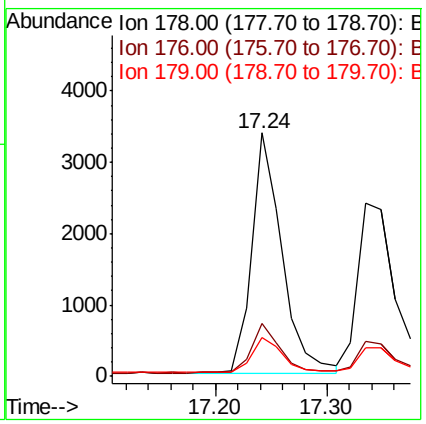


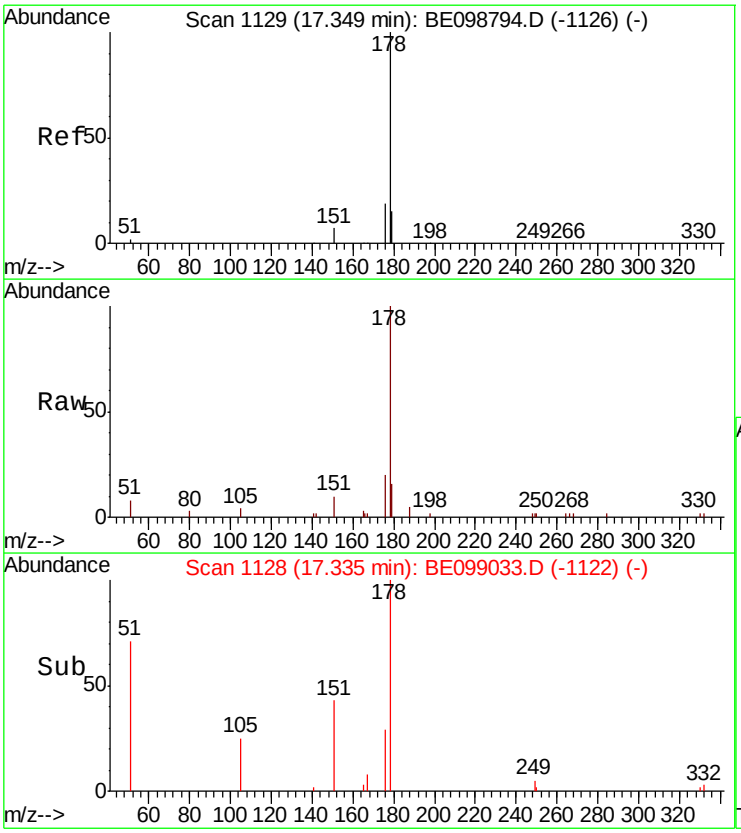
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:178 Resp: 6338

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.3	12.1	18.1

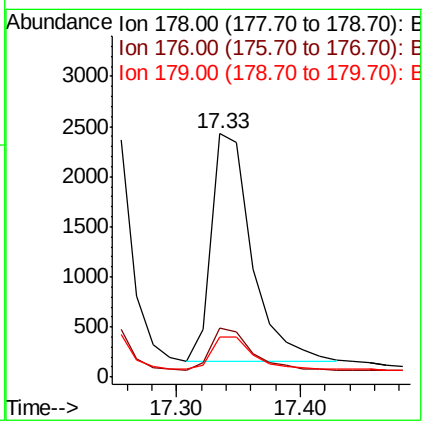


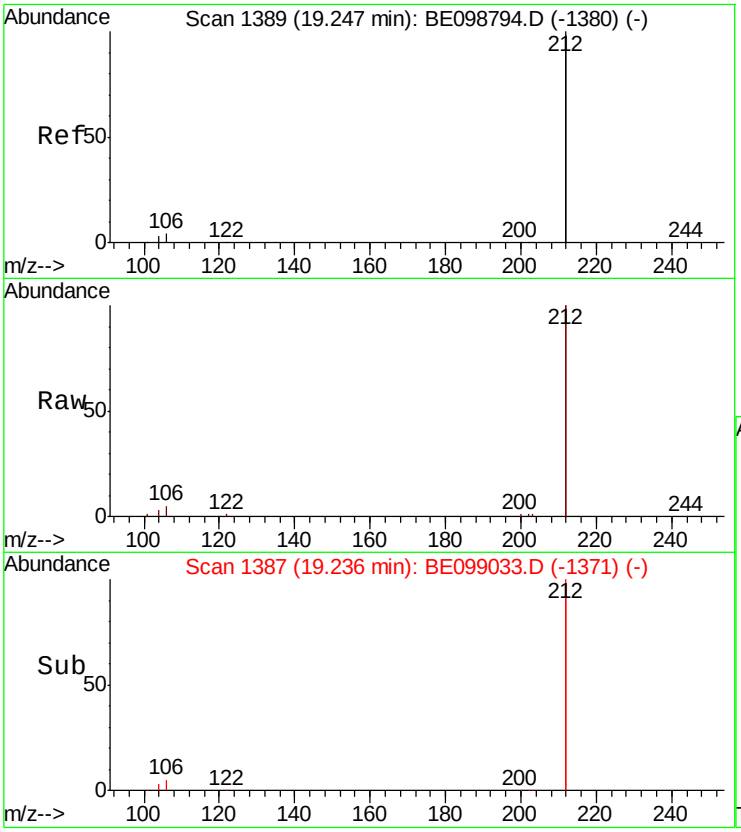


#24
Anthracene
Concen: 0.355 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:178 Resp: 5186

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.0	12.2	18.4



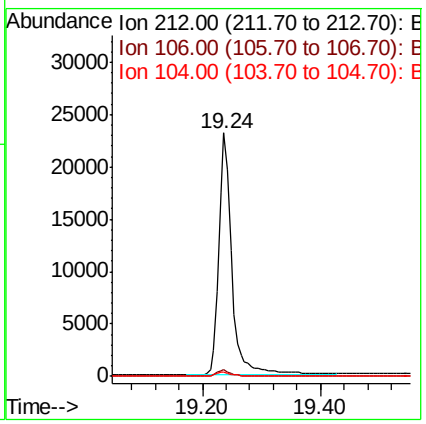


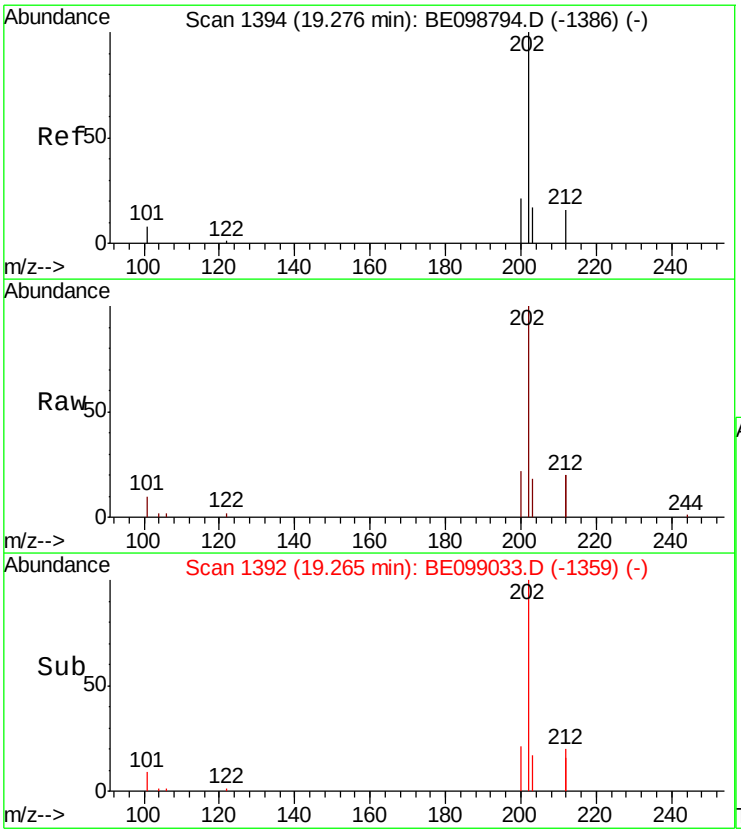
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:212 Resp: 35020

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.5	1.0	1.6

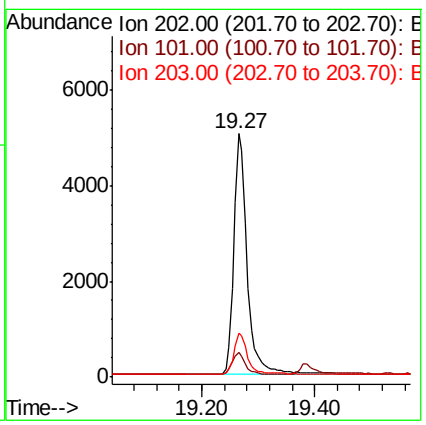


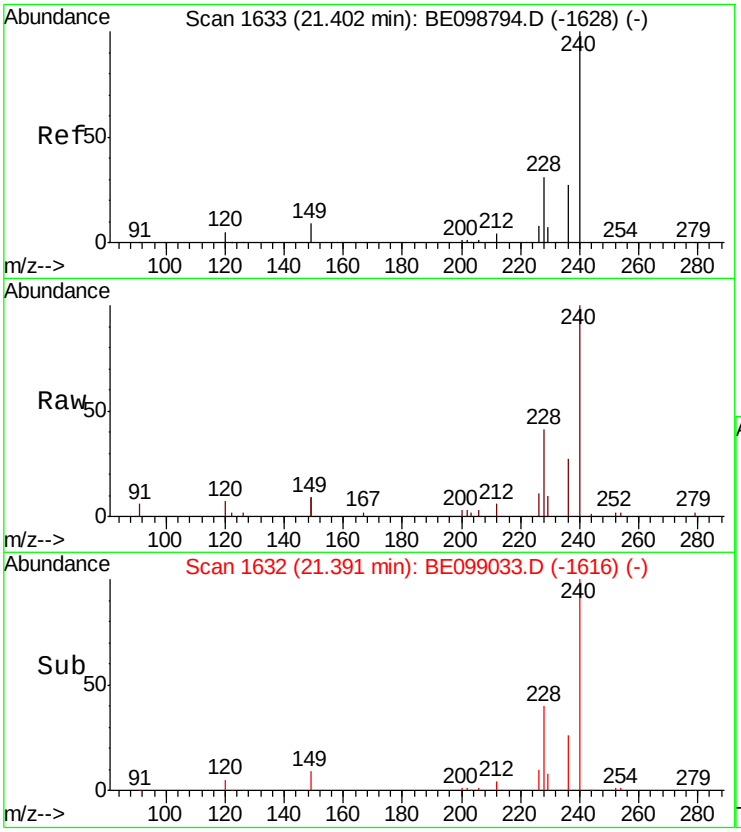


#26
Fluoranthene
Concen: 0.348 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:202 Resp: 8403

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.3	10.9
203	17.4	13.4	20.2



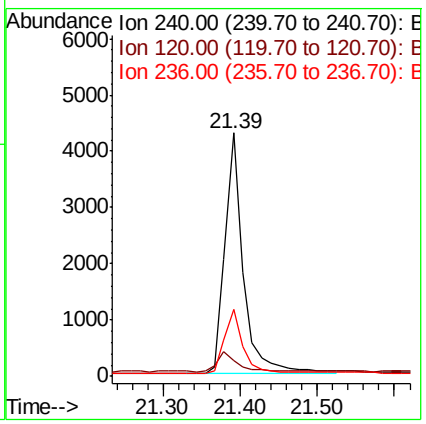


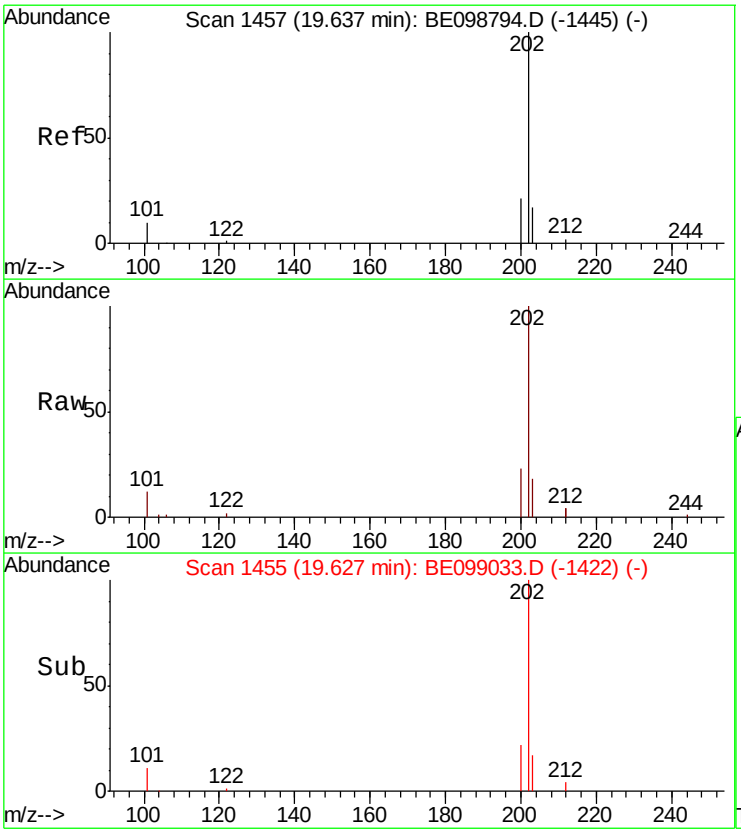
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:240 Resp: 7037

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.0	7.4
236	27.3	22.7	34.1

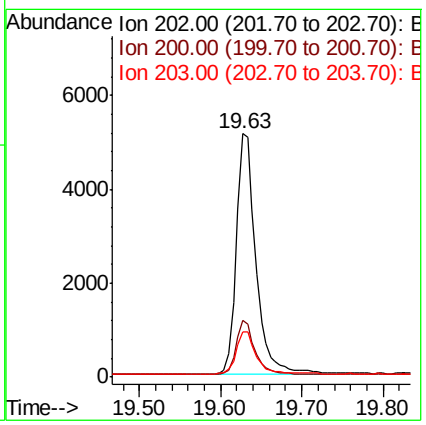


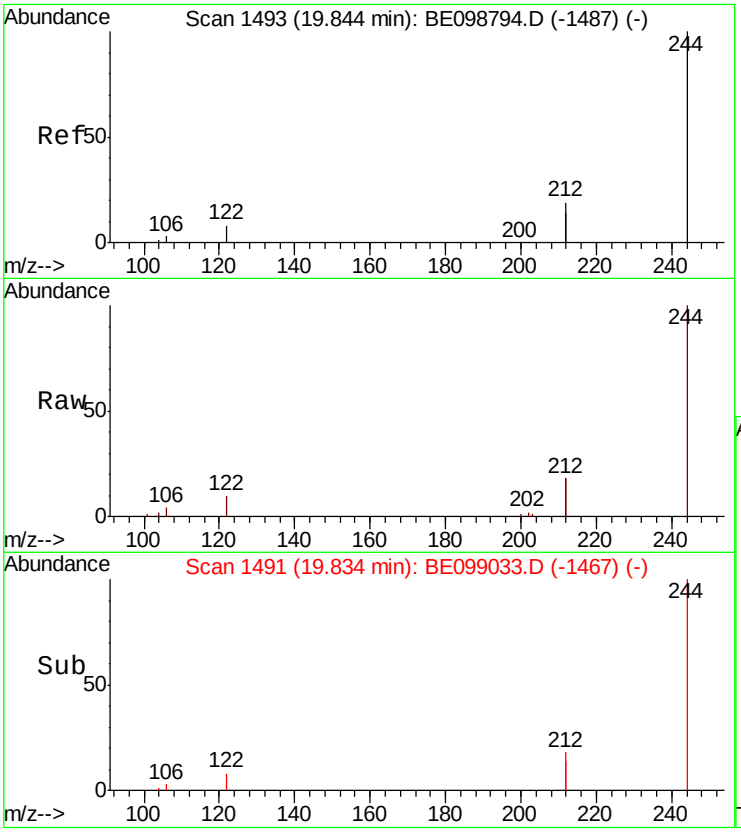


#28
Pyrene
Concen: 0.398 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:202 Resp: 8568

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.6
203	18.3	14.2	21.2



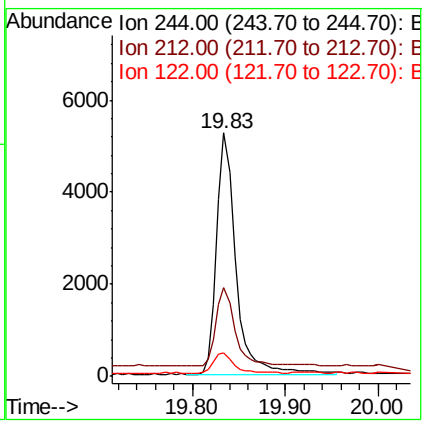


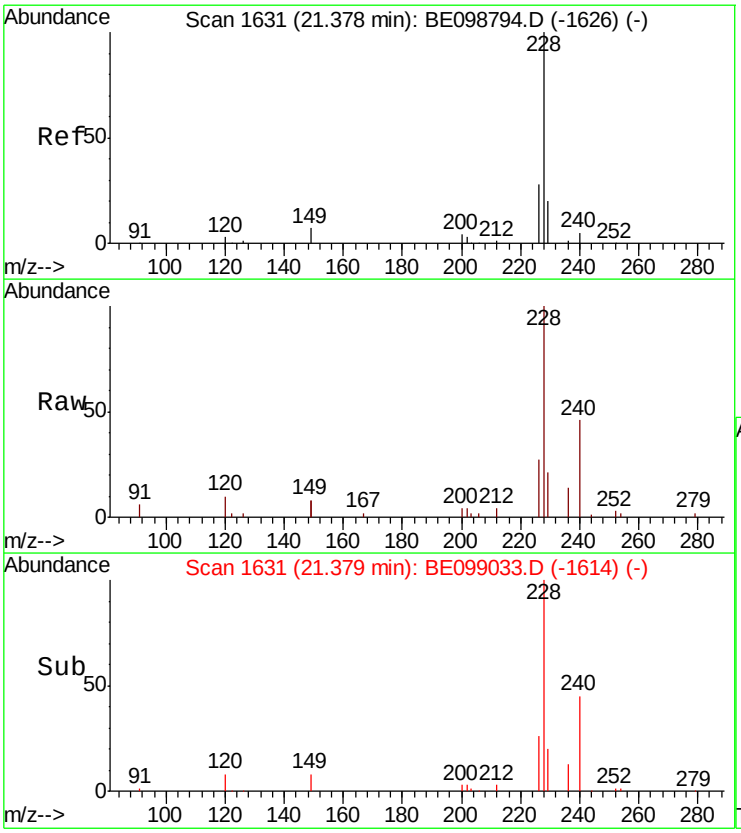
#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:244 Resp: 7536

Ion	Ratio	Lower	Upper
244	100		
212	36.5	29.4	44.2
122	9.6	7.1	10.7

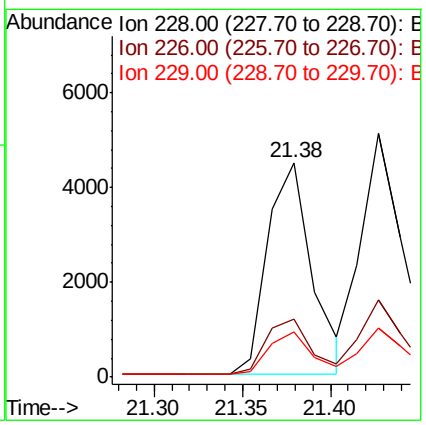


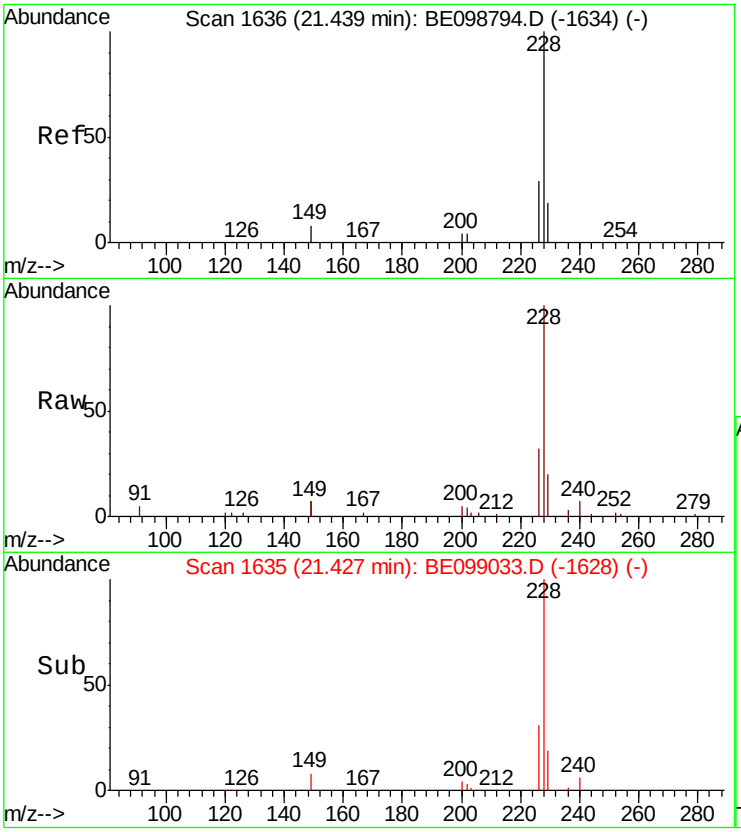


#30
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:228 Resp: 7827

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.4
229	21.2	16.5	24.7



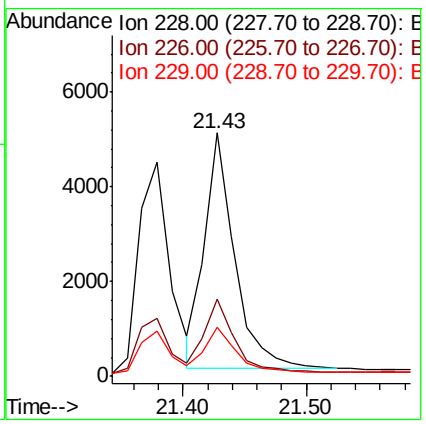


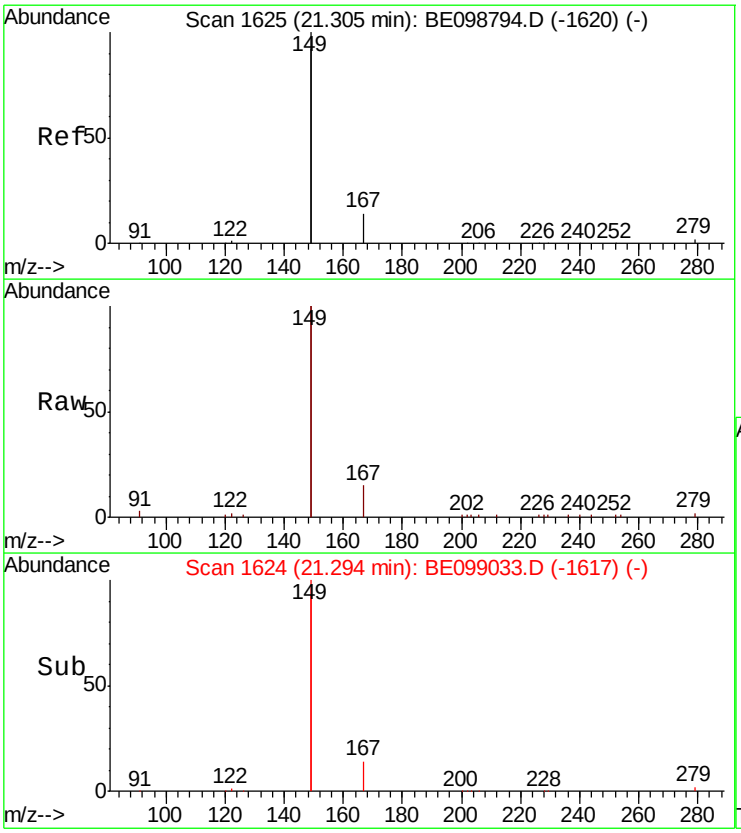
#31
Chrysene
Concen: 0.357 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:228 Resp: 8383

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	20.3	16.1	24.1

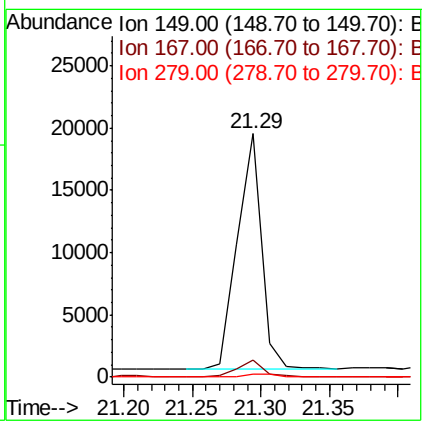


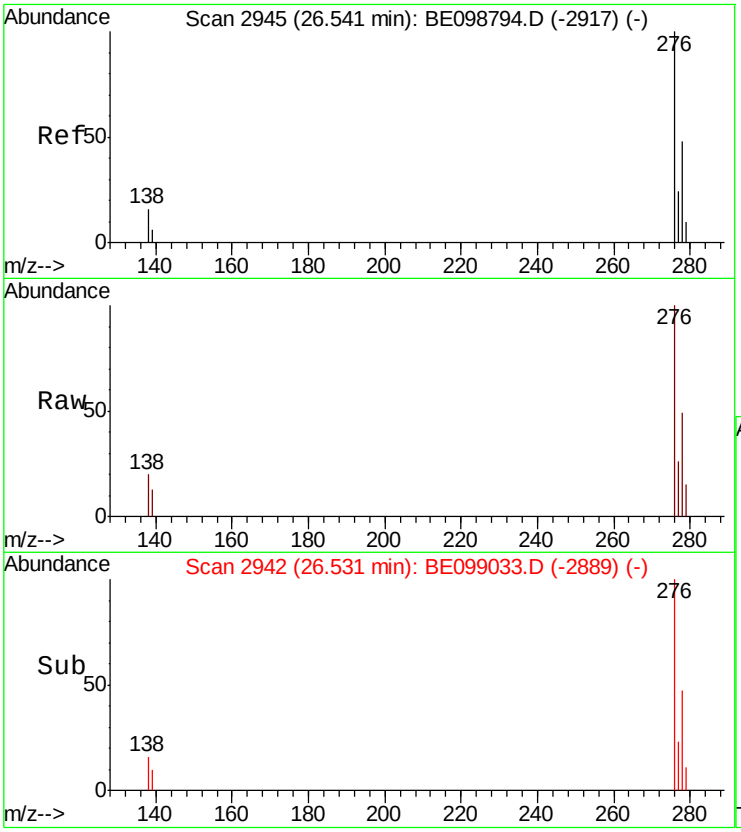


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.494 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:149 Resp: 23112

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4



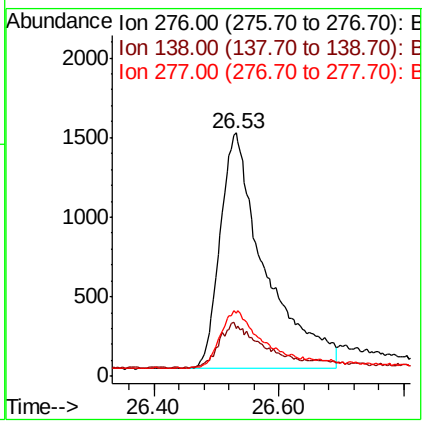


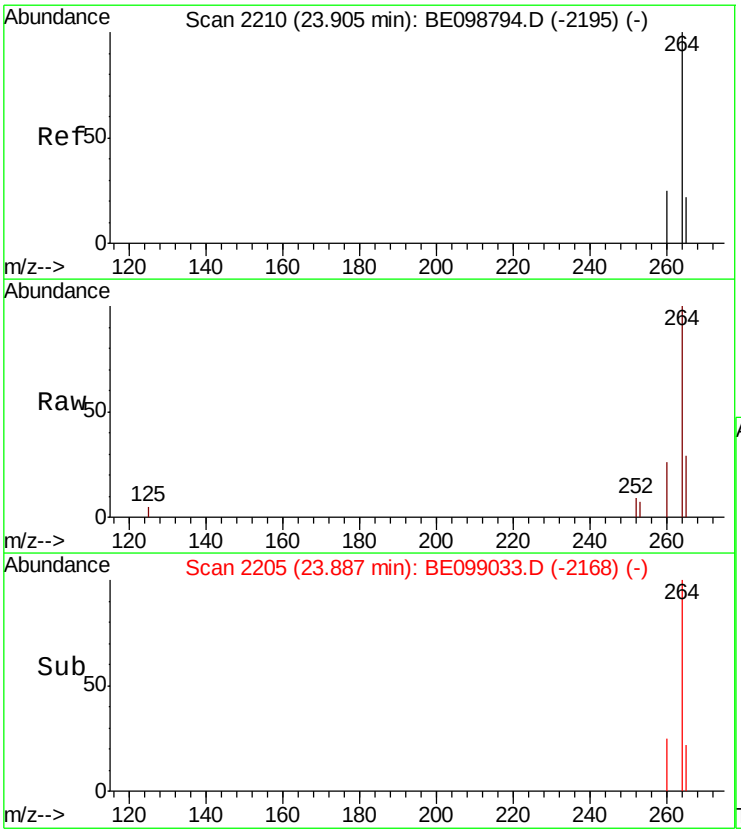
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:276 Resp: 7416

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.8	20.8
277	22.8	19.5	29.3

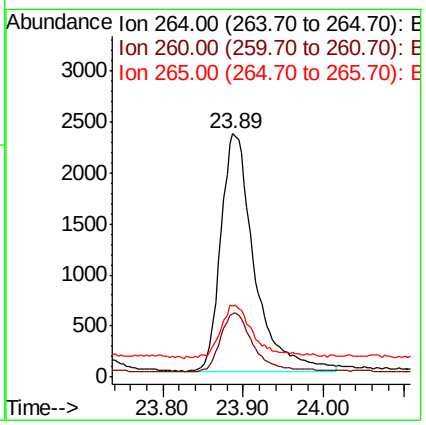


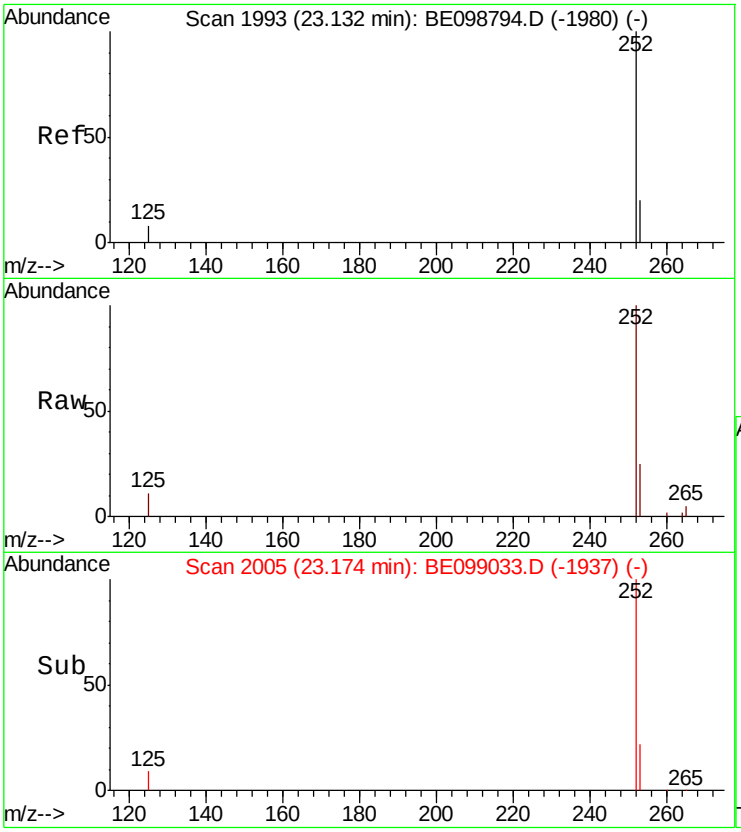


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:264 Resp: 6727

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.2	31.8
265	29.2	24.6	36.8



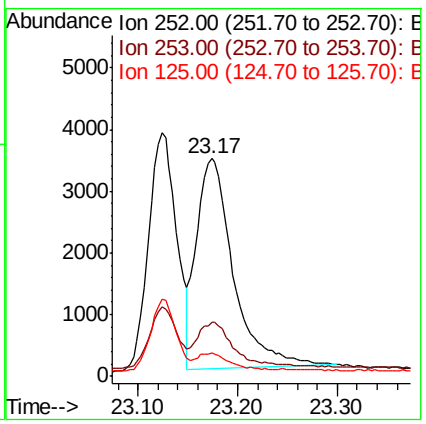


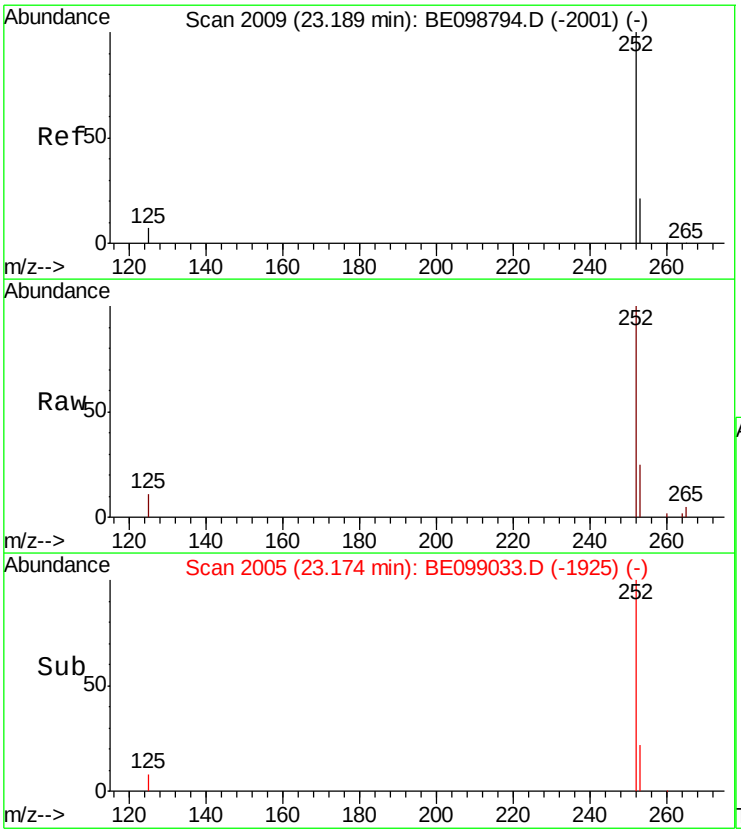
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.04 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:252 Resp: 8757

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	10.9	7.3	10.9

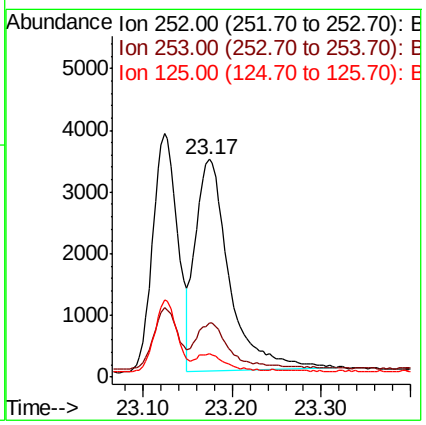


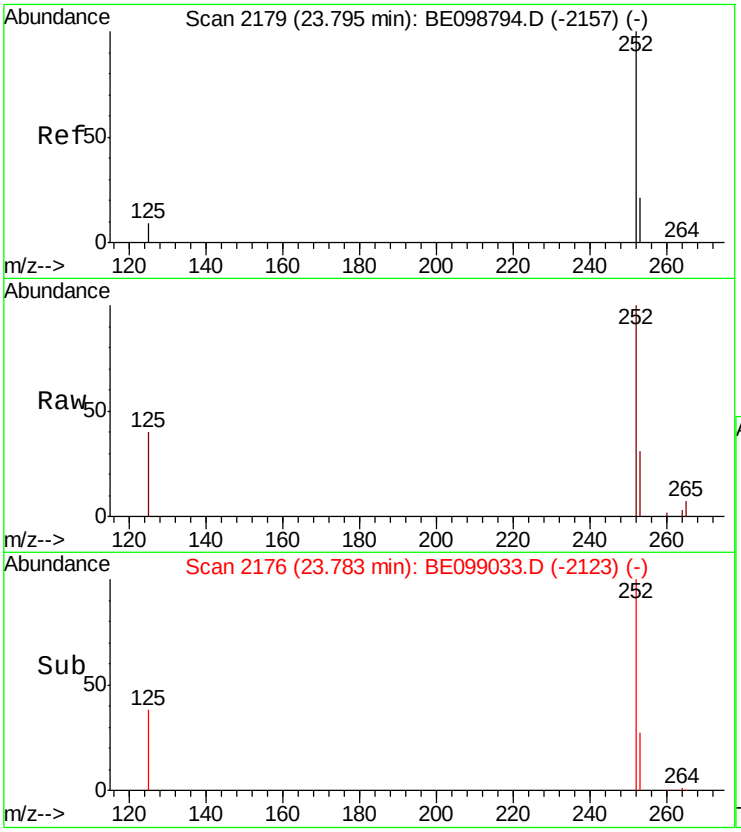


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:252 Resp: 9024

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	10.9	7.5	11.3



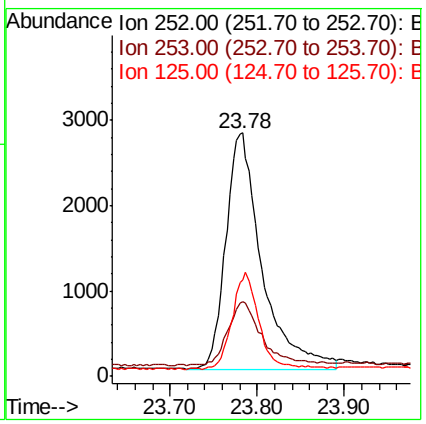


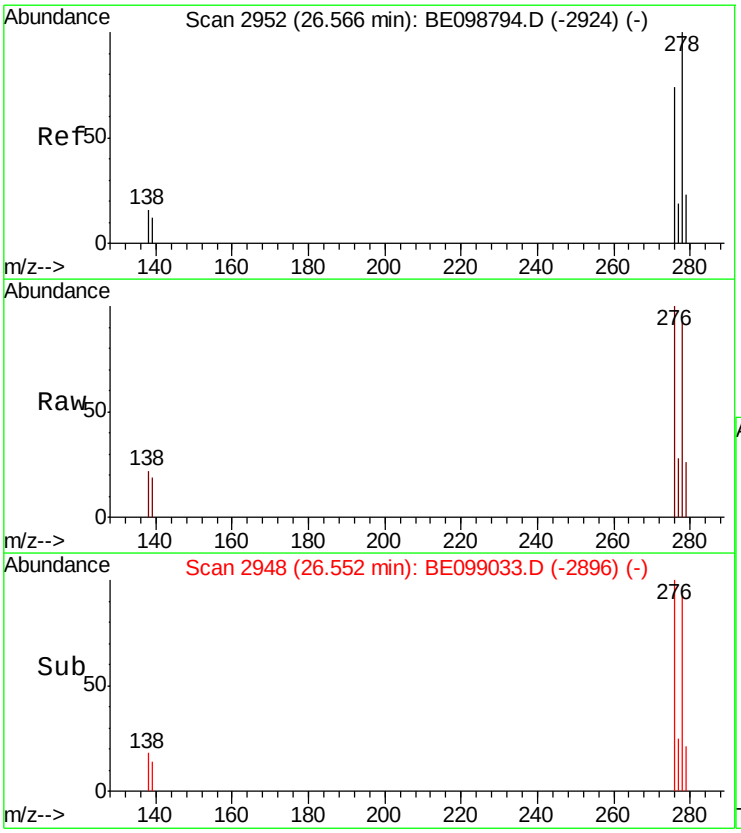
#37
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:252 Resp: 8007

Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.9	29.9#
125	39.8	9.0	13.4#

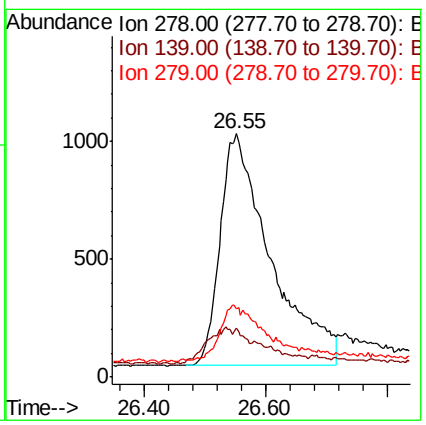


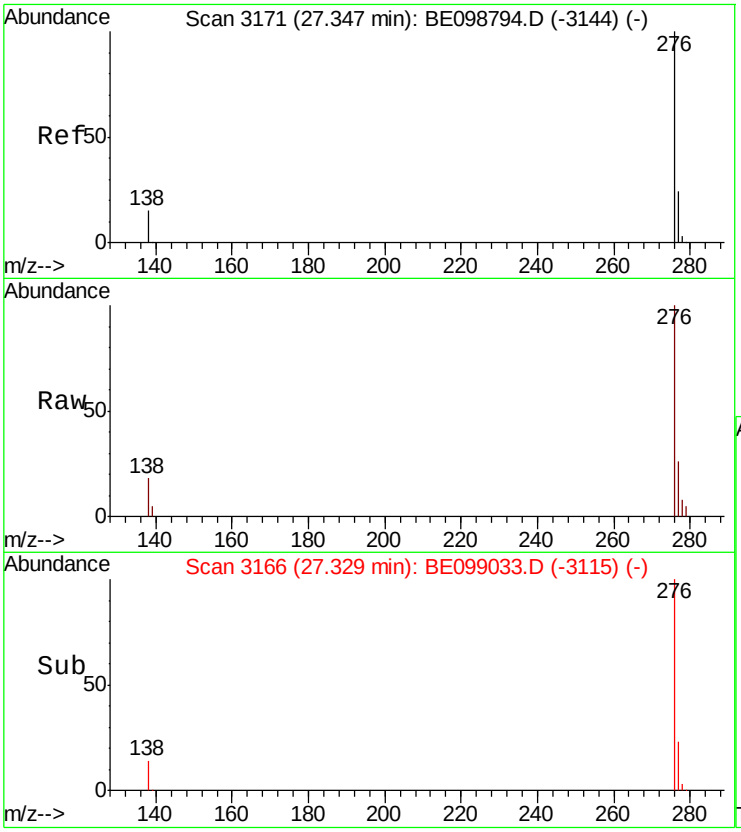


#38
Dibenzo(a,h)anthracene
Concen: 0.285 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Tgt Ion:278 Resp: 5718

Ion	Ratio	Lower	Upper
278	100		
139	20.0	11.8	17.6#
279	27.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.325 ng
RT: 27.33 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BE099033.D
Acq: 19 Mar 2019 13:38

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20190314MS

Tgt Ion:276 Resp: 6825

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.4	30.6
138	18.2	13.6	20.4