Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099210.D
Acq On : 26 Mar 2019 11:09
Operator : JU/SJ
Sample : K2073-02MSRE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 26 11:53:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3391	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13866	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10566	0.40	ng		-0.01
19) Phenanthrene-d10	17.31	188	8648	0.40	ng		0.09
27) Chrysene-d12	21.38	240	37492	0.40	ng		-0.01
34) Perylene-d12	23.89	264	34468	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1728	0.17	ng		0.00
5) Phenol-d6	6.99	99	1626	0.11	ng		0.00
8) Nitrobenzene-d5	8.99	82	4361	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	13926	0.52	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1730	0.52	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	17168	0.40	ng		0.00
25) Fluoranthene-d10	19.60	212	42975	0.41	ng		0.36
29) Terphenyl-d14	19.83	244	31926	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1507	0.337	ng	#	76
3) n-Nitrosodimethylamine	3.67	42	530	0.212	ng	#	64
6) bis(2-Chloroethyl)ether	7.26	93	4364	0.359	ng		99
9) Naphthalene	10.68	128	60237	0.368	ng		100
10) Hexachlorobutadiene	10.95	225	2899	0.333	ng		96
12) 2-Methylnaphthalene	12.30	142	11237	0.384	ng		99
16) Acenaphthylene	14.20	152	19510	0.362	ng		100
17) Acenaphthene	14.54	154	12313	0.382	ng		97
18) Fluorene	15.51	166	18278	0.403	ng		99
20) 4-Bromophenyl-phenylether	16.50	248	199	0.036	ng	#	40
23) Phenanthrene	17.33	178	31897	1.256	ng		99
26) Fluoranthene	19.26	202	45092	1.391	ng		100
28) Pyrene	19.63	202	47741	0.383	ng		100
30) Benzo(a)anthracene	21.37	228	47076	0.381	ng		99
31) Chrysene	21.41	228	48232	0.365	ng		100
32) Bis(2-ethylhexyl)phthalate	21.28	149	60596	0.411	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	39186	0.313	ng		98
35) Benzo(b)fluoranthene	23.17	252	47632	0.420	ng		98
36) Benzo(k)fluoranthene	23.17	252	48152	0.402	ng		98
37) Benzo(a)pyrene	23.78	252	42055	0.397	ng		99
38) Dibenzo(a,h)anthracene	26.57	278	33213	0.353	ng		98
39) Benzo(g,h,i)perylene	27.37	276	29864	0.316	ng		99

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

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Data File : BE099210.D
Acq On : 26 Mar 2019 11:09
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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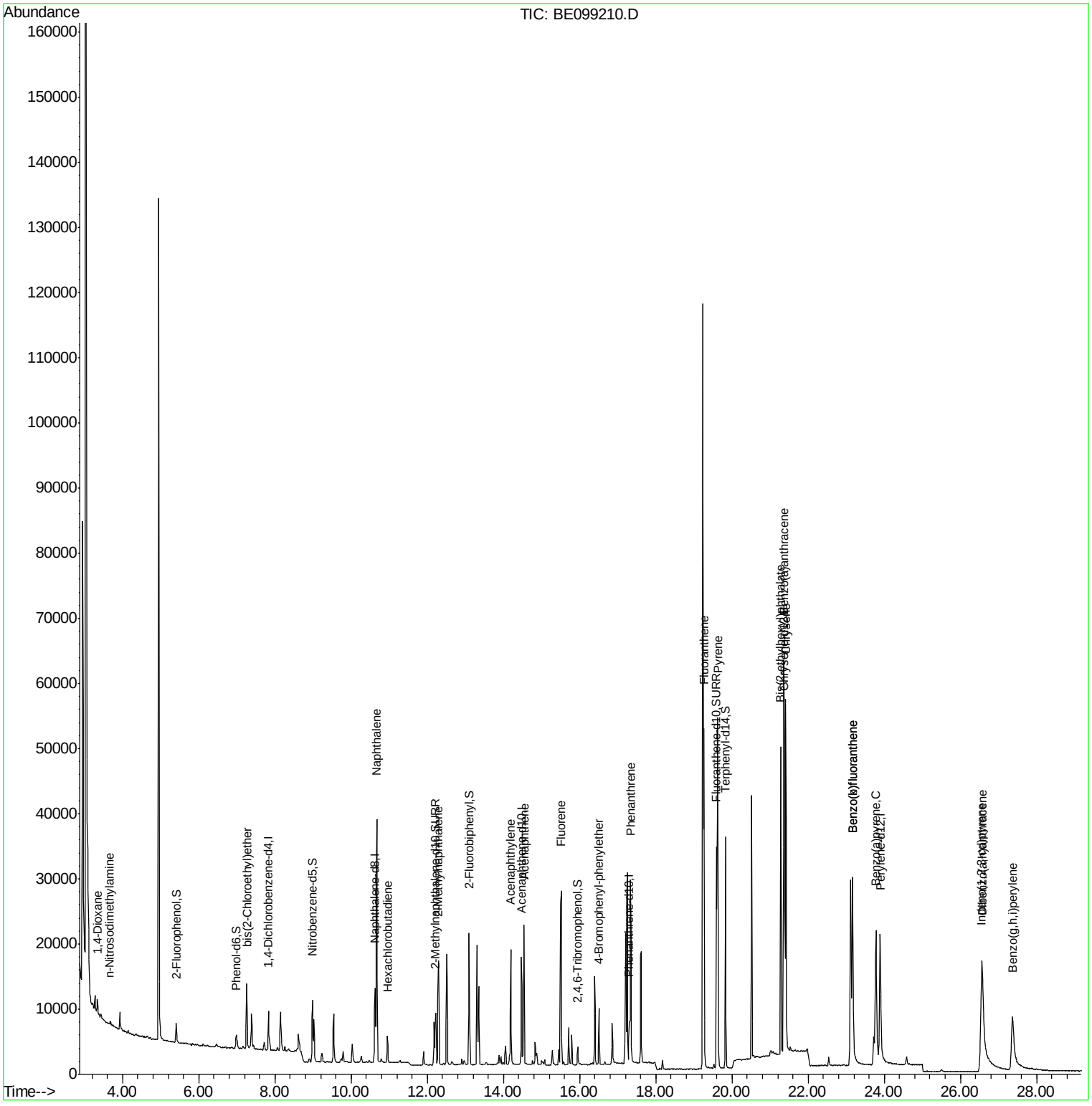
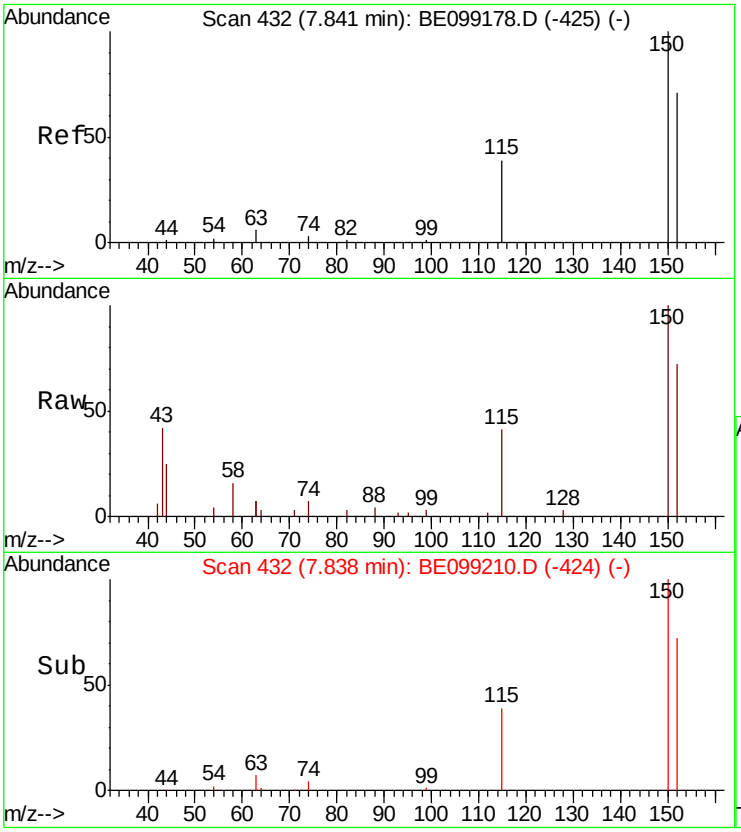
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



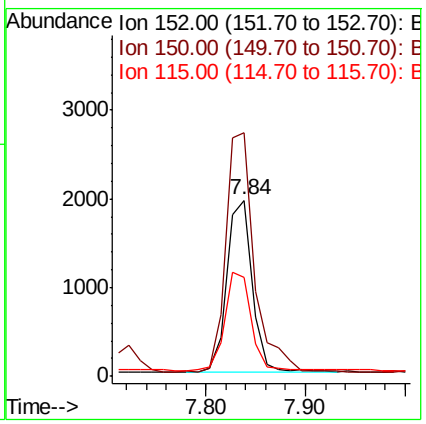


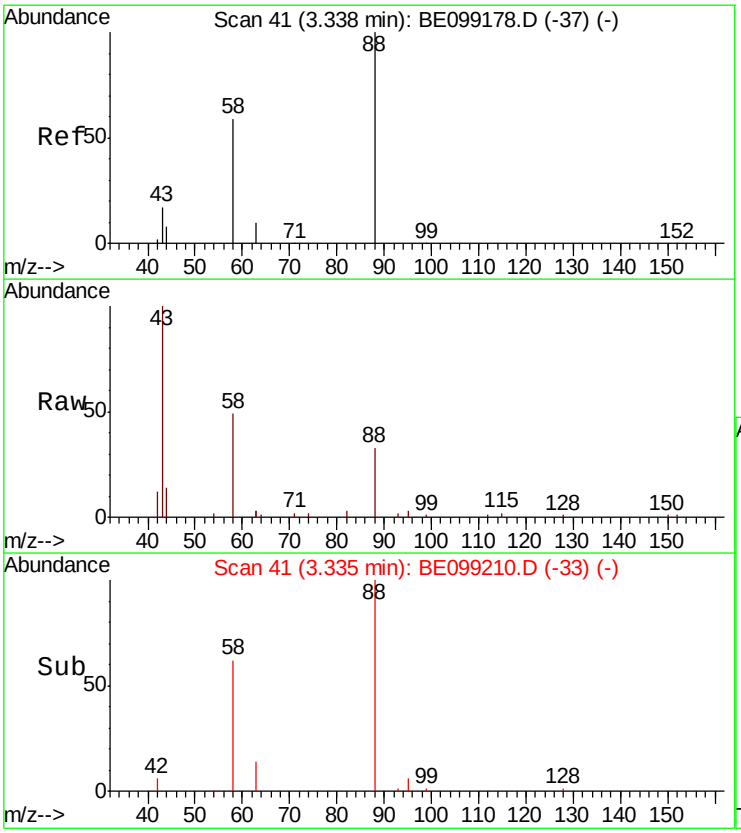
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3391

Ion	Ratio	Lower	Upper
152	100		
150	138.0	112.8	169.2
115	56.3	45.1	67.7

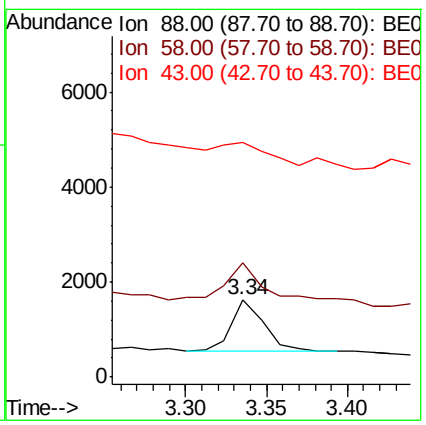


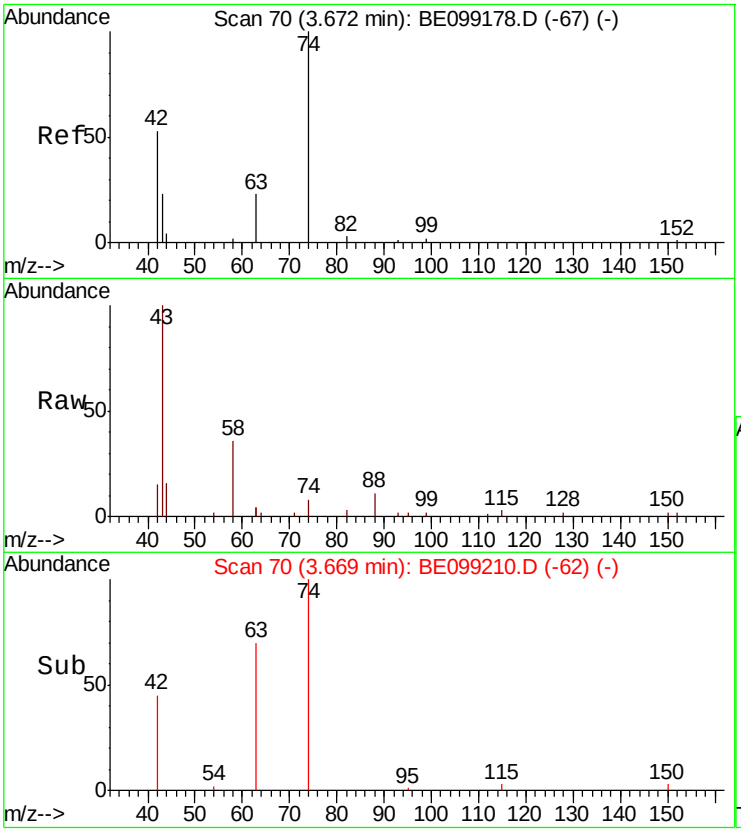


#2
1,4-Dioxane
Concen: 0.337 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion: 88 Resp: 1507

Ion	Ratio	Lower	Upper
88	100		
58	72.3	47.4	71.0#
43	0.0	15.6	23.4#



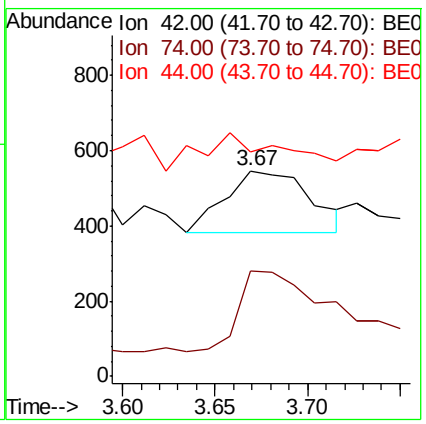


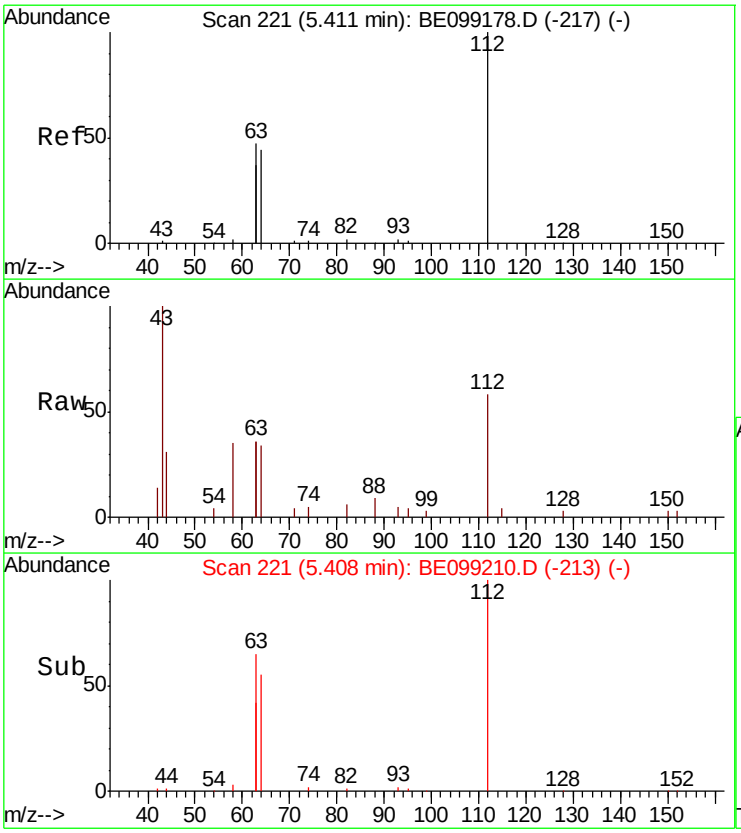
#3
n-Nitrosodimethylamine
Concen: 0.212 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 530

Ion	Ratio	Lower	Upper
42	100		
74	131.1	138.6	207.8#
44	60.2	15.0	22.6#

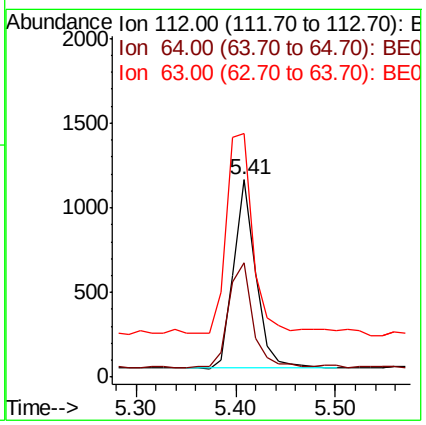


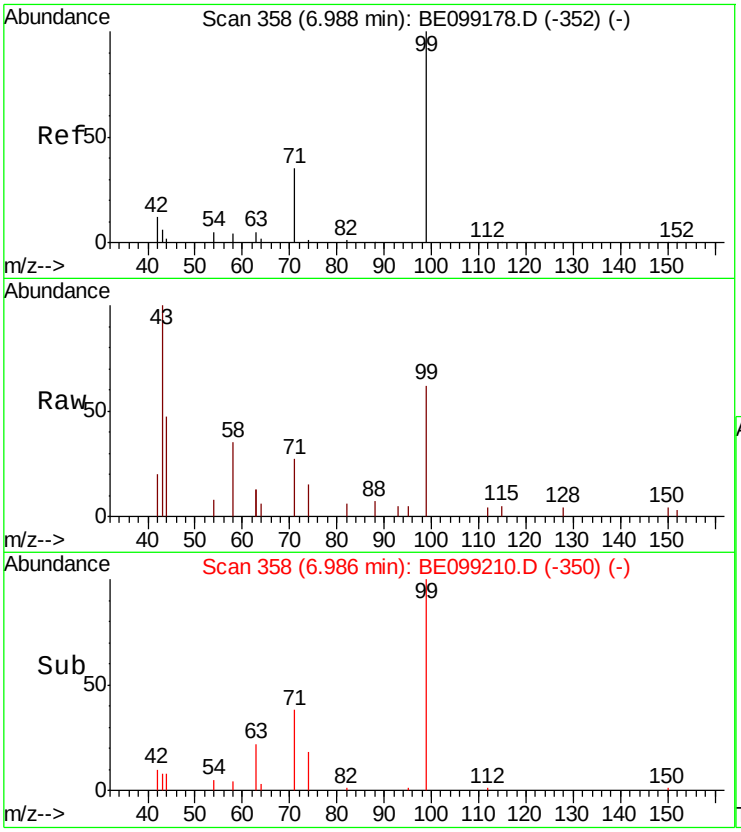


#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:112 Resp: 1728

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.2	69.2
63	136.3	89.9	134.9#



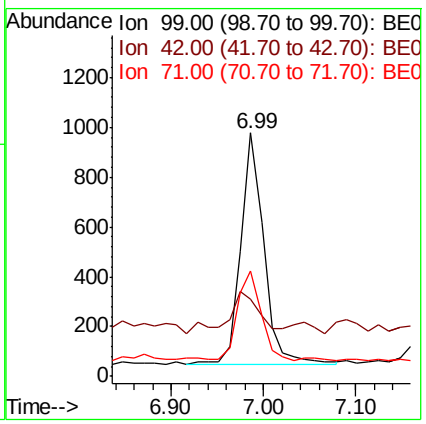


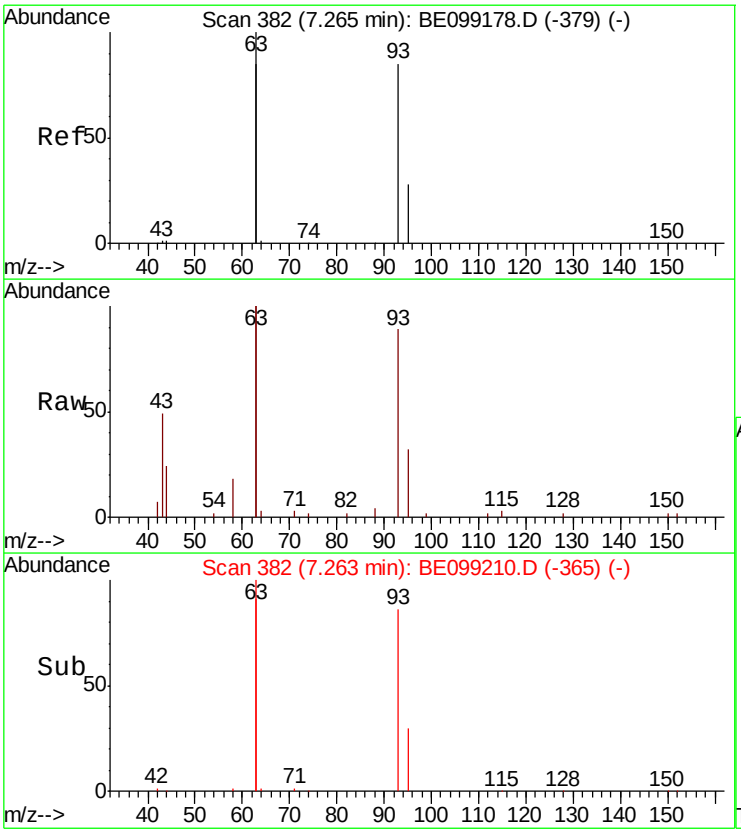
#5
Phenol-d6
Concen: 0.105 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1626

Ion	Ratio	Lower	Upper
99	100		
42	23.6	12.4	18.6#
71	40.2	28.4	42.6

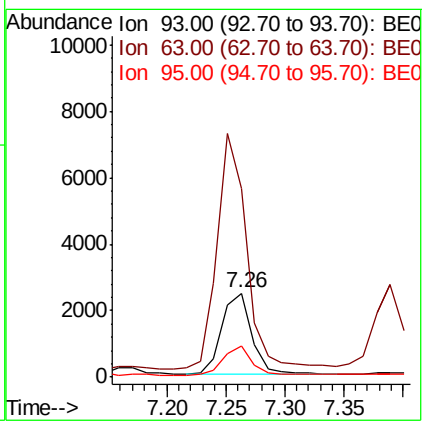


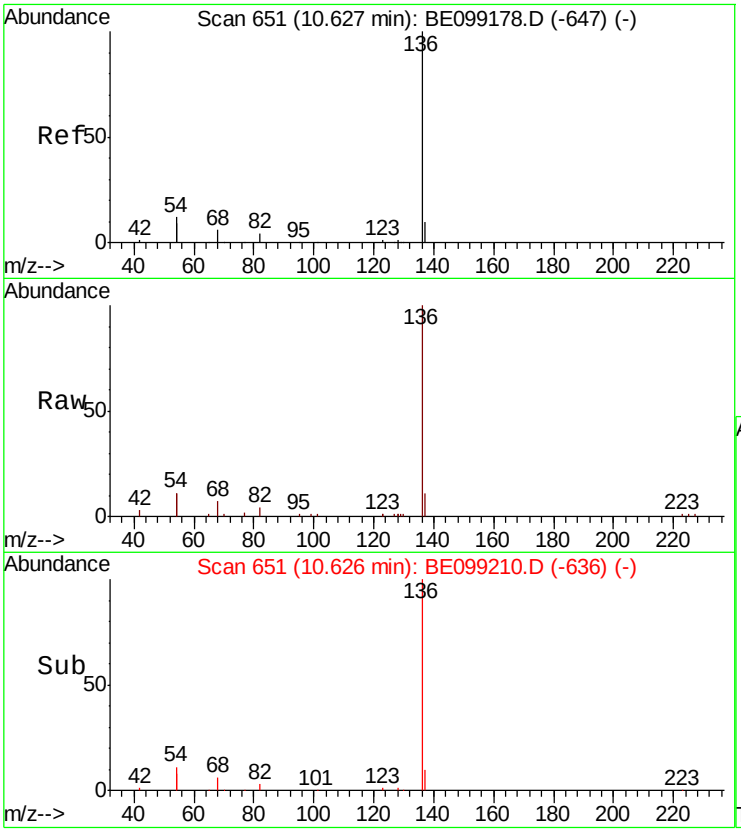


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion: 93 Resp: 4364

Ion	Ratio	Lower	Upper
93	100		
63	278.4	221.4	332.0
95	33.4	25.8	38.8



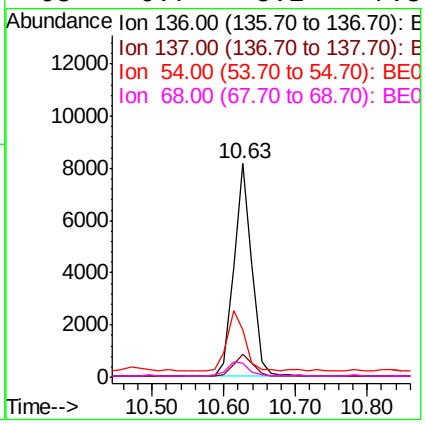


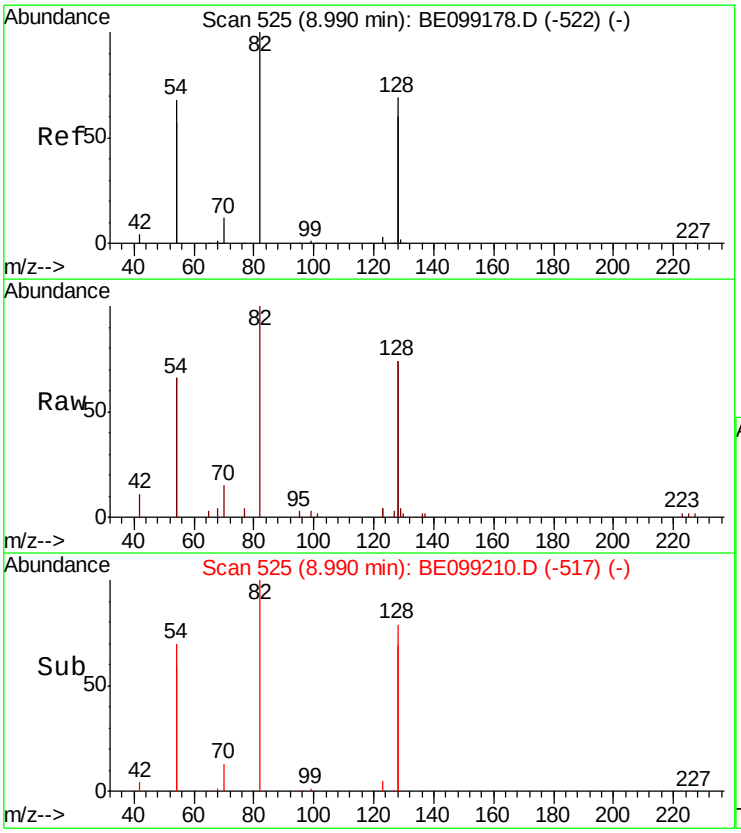
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13866

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	22.0	18.7	28.1
68	6.7	5.2	7.8

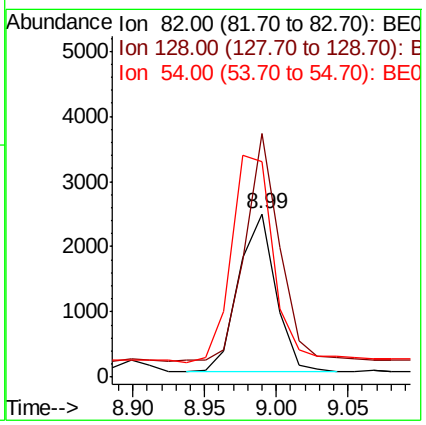


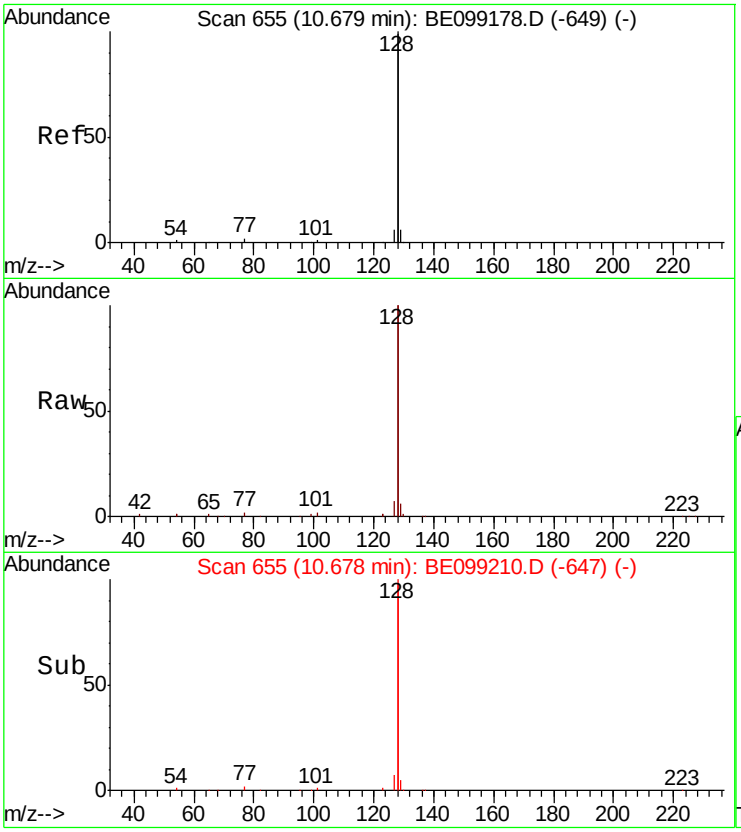


#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion: 82 Resp: 4361

Ion	Ratio	Lower	Upper
82	100		
128	149.0	107.5	161.3
54	131.6	106.3	159.5



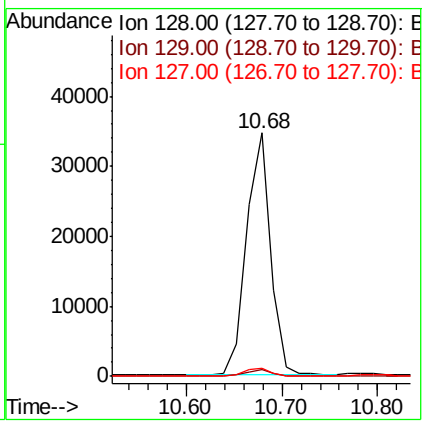


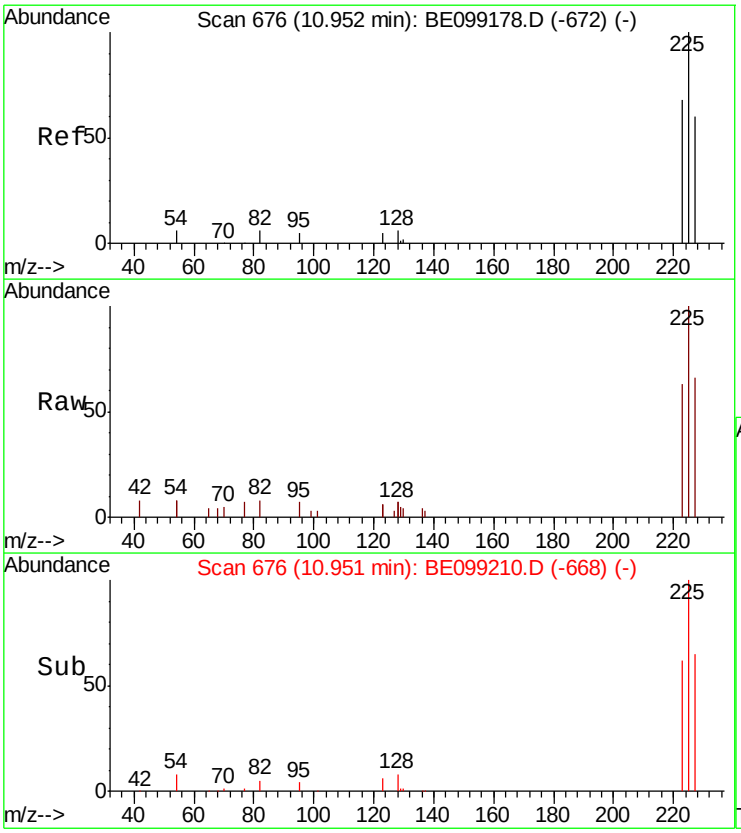
#9
Naphthalene
Concen: 0.368 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 60237

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.6	3.8

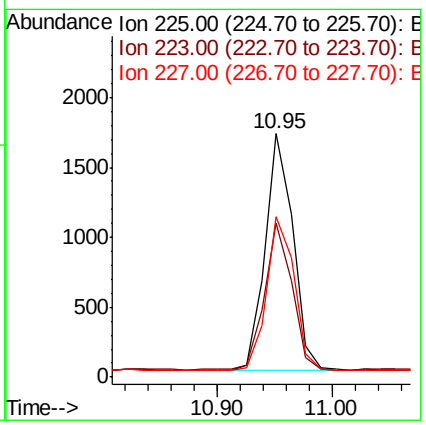


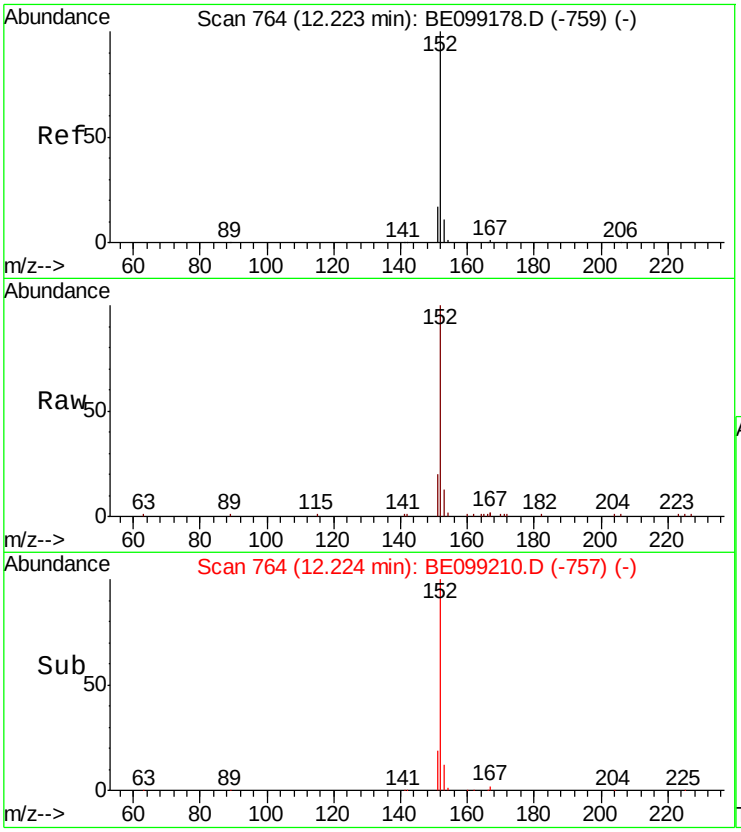


#10
Hexachlorobutadiene
Concen: 0.333 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:225 Resp: 2899

Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.3	76.9
227	64.4	48.6	73.0



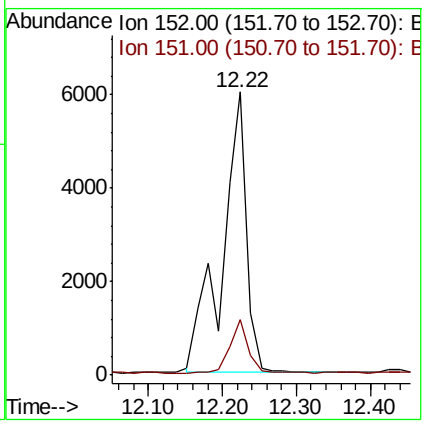


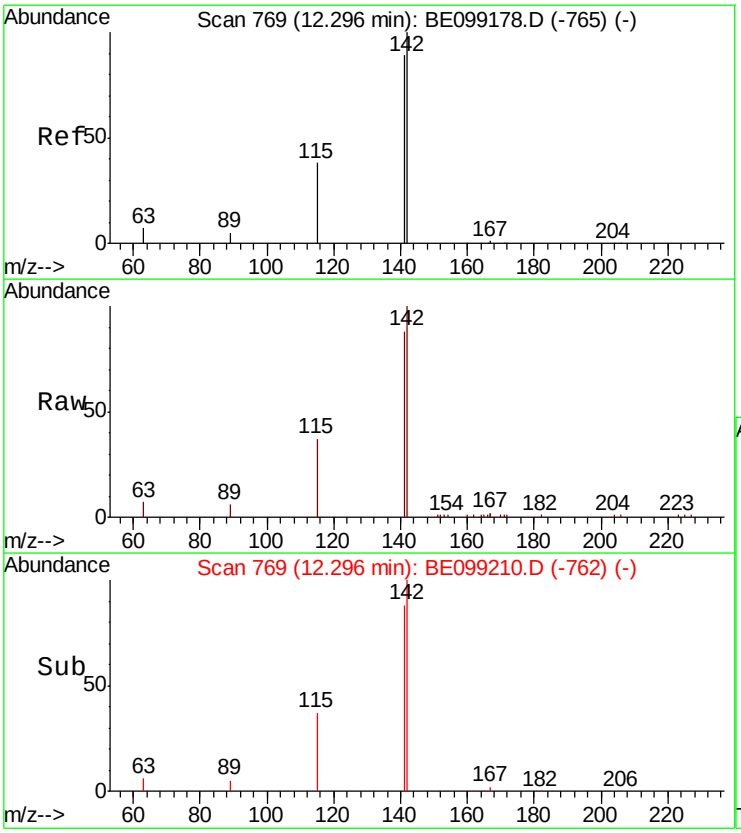
#11
2-Methylnaphthalene-d10
Concen: 0.521 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13926

Ion	Ratio	Lower	Upper
152	100		
151	14.1	15.0	22.6#

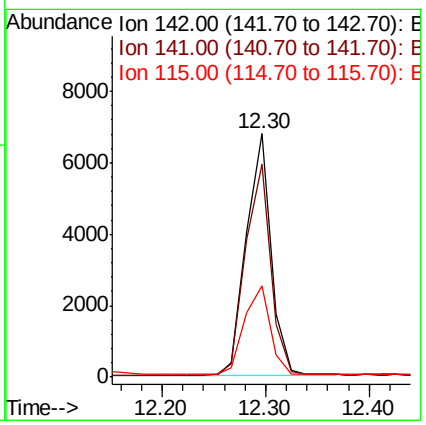


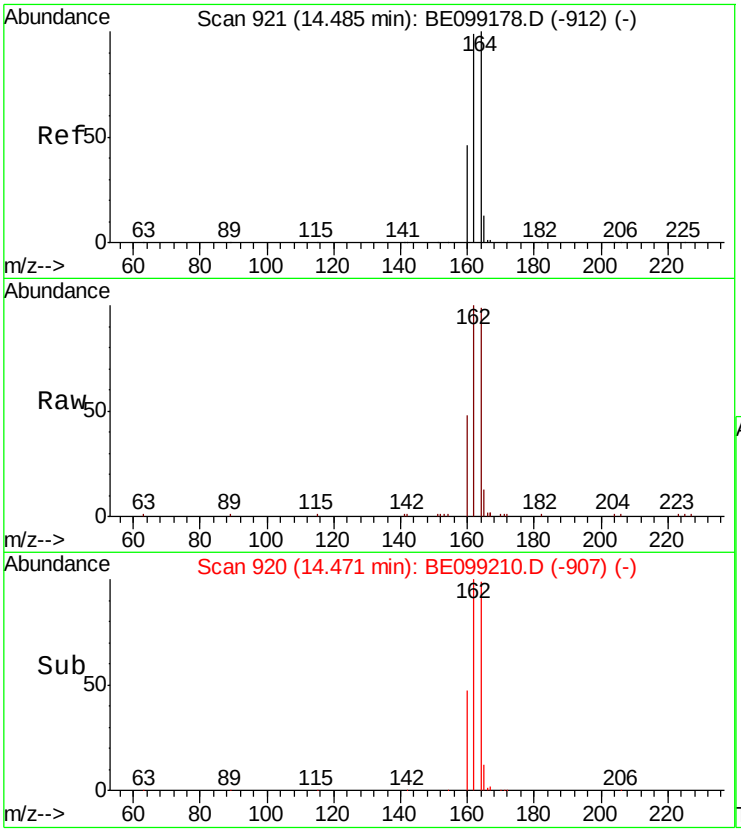


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:142 Resp: 11237

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	37.4	30.4	45.6



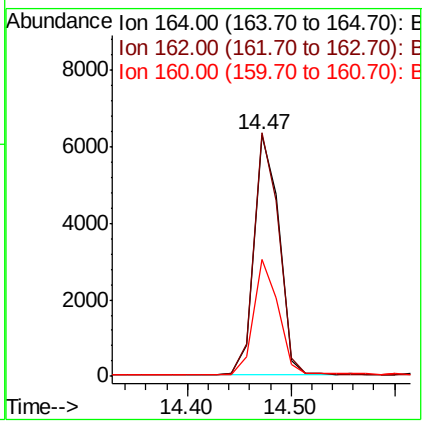


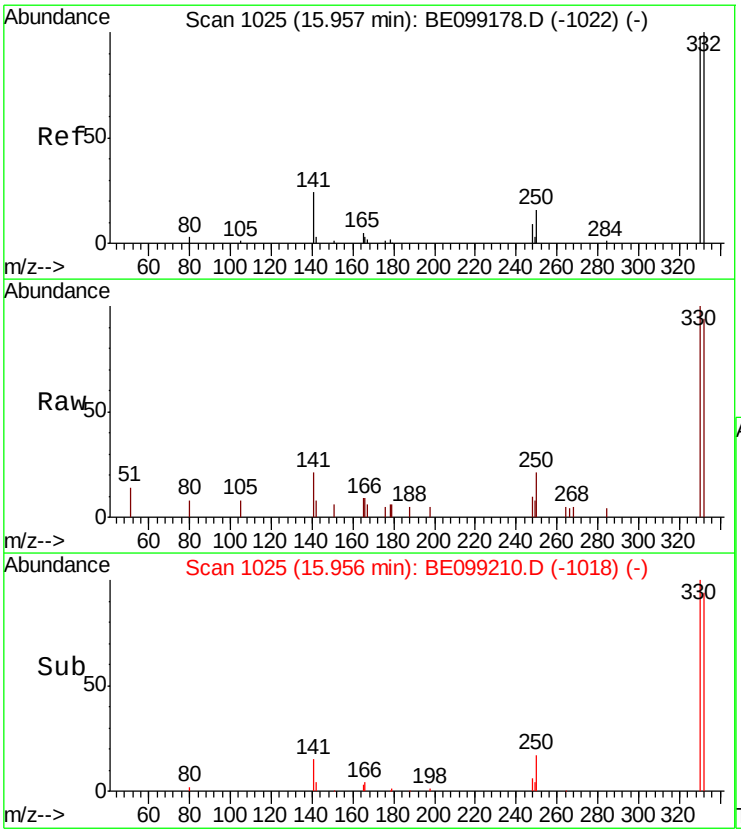
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10566

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.2	118.8
160	48.4	36.7	55.1

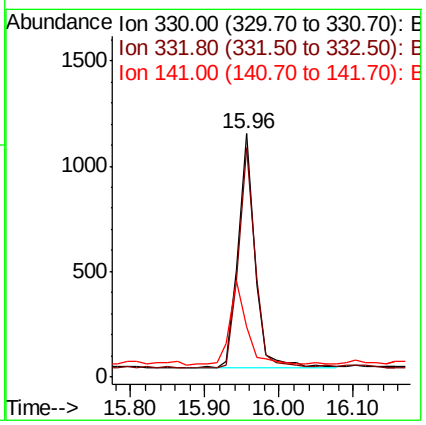


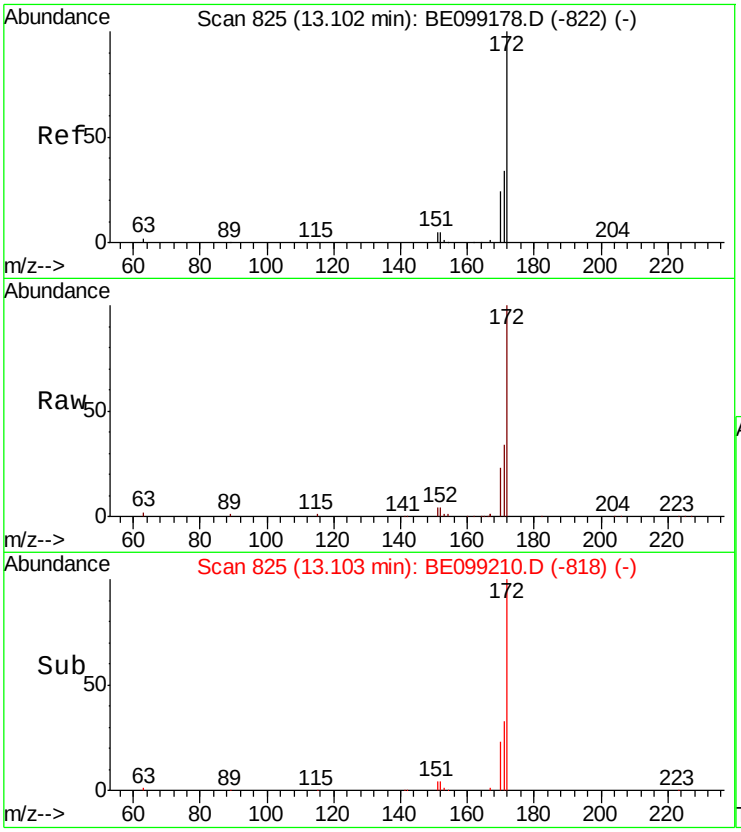


#14
2,4,6-Tribromophenol
Concen: 0.516 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:330 Resp: 1730

Ion	Ratio	Lower	Upper
330	100		
332	93.9	71.3	106.9
141	34.2	21.7	32.5#



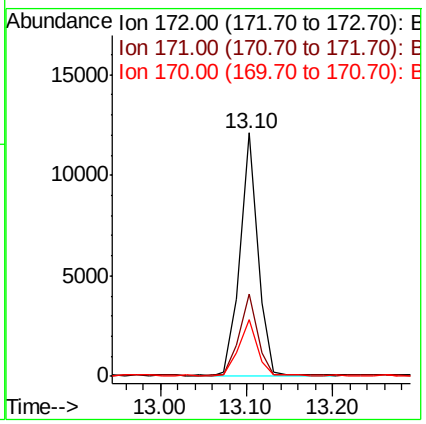


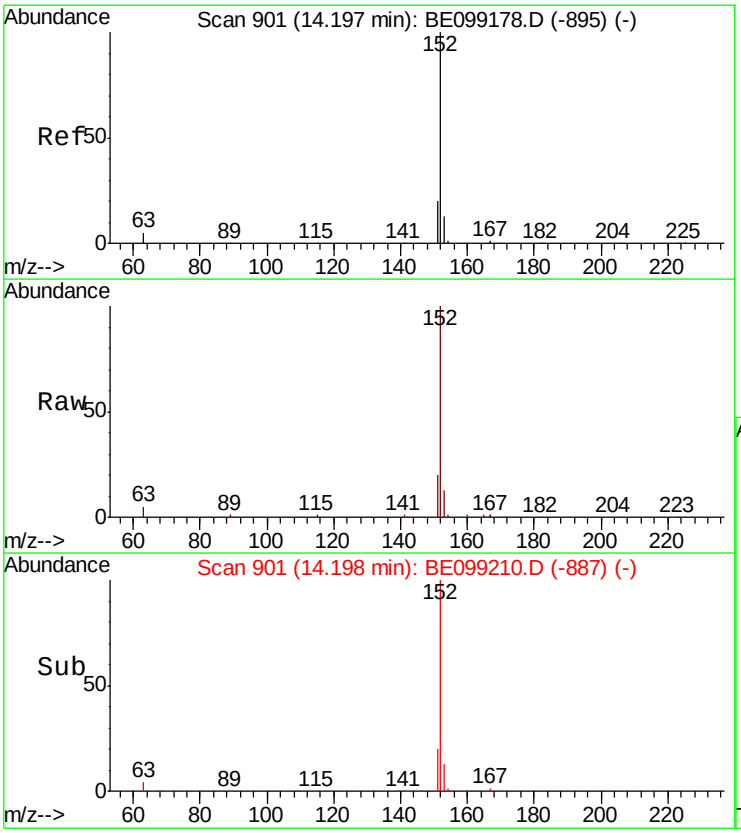
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 17168

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	23.4	19.1	28.7

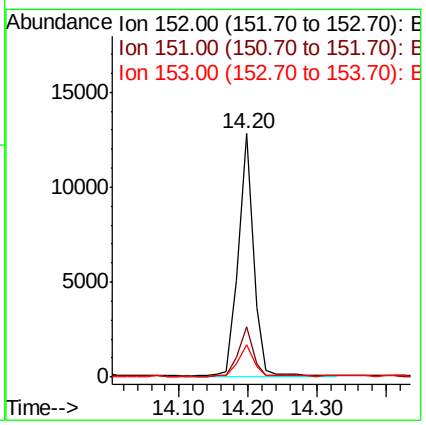


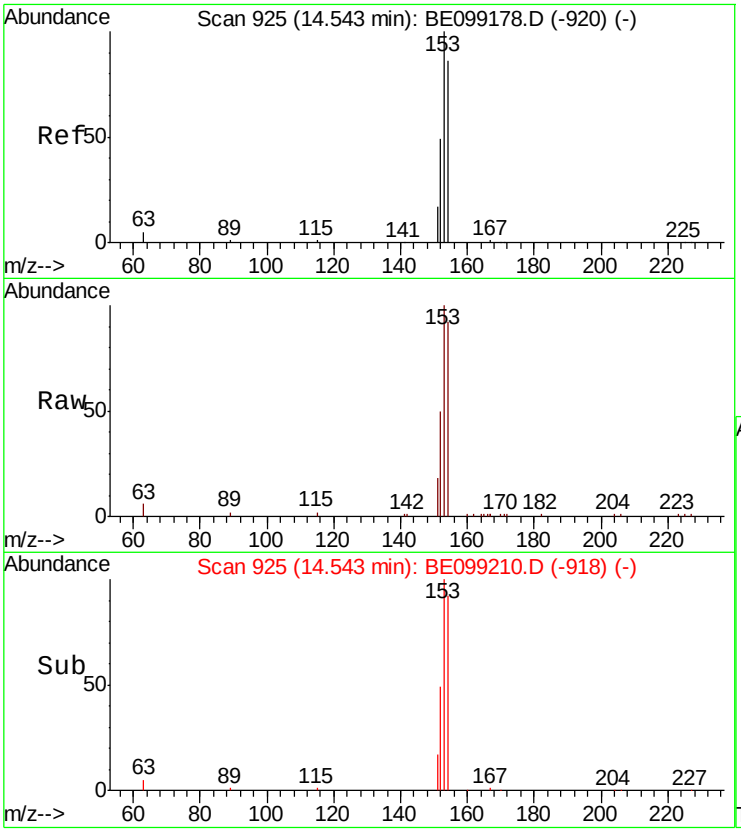


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:152 Resp: 19510

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



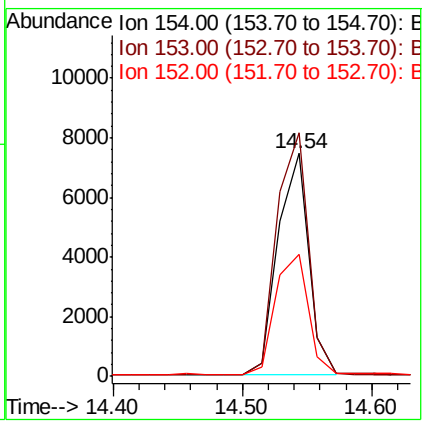


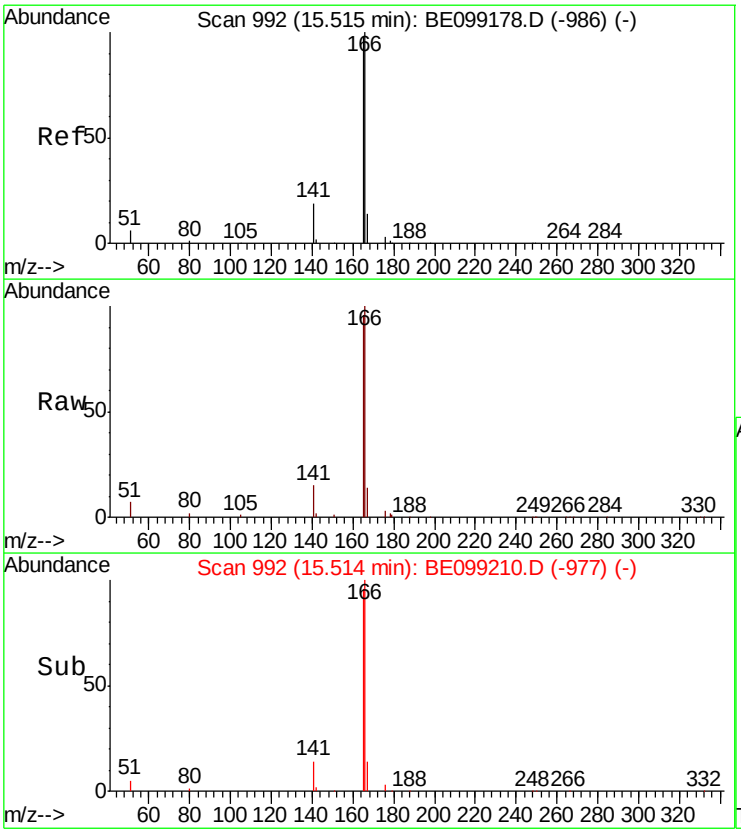
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 12313

Ion	Ratio	Lower	Upper
154	100		
153	112.1	93.4	140.0
152	57.4	46.6	69.8

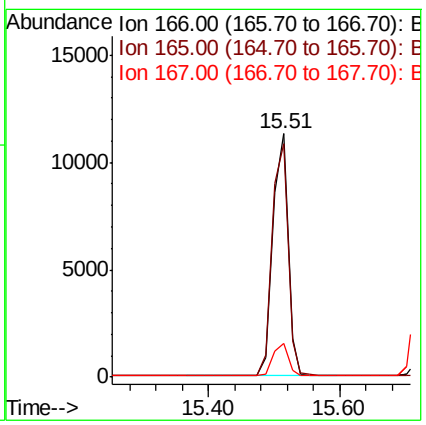


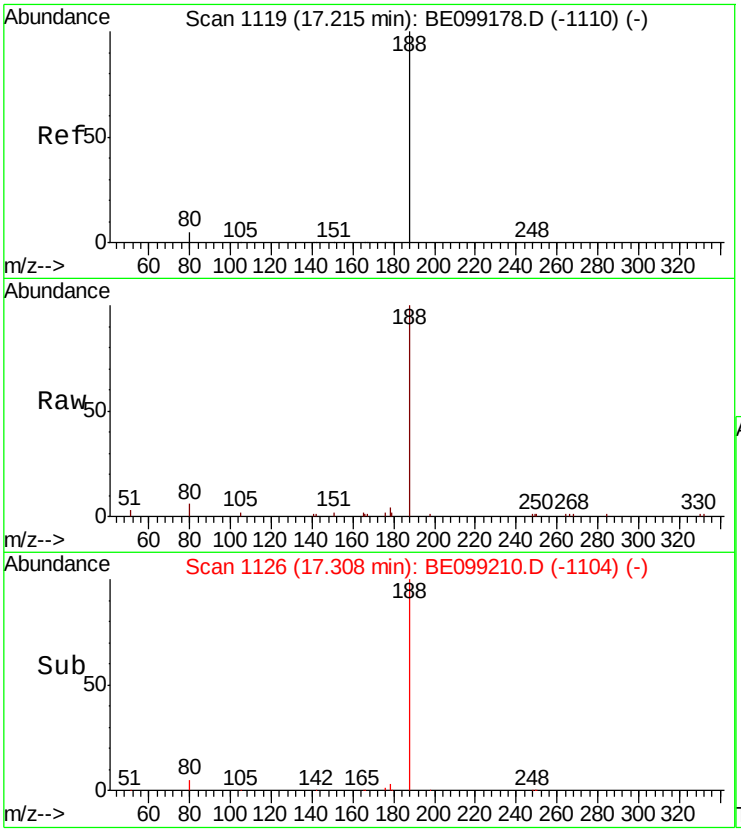


#18
Fluorene
Concen: 0.403 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:166 Resp: 18278

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.9	118.3
167	13.7	10.9	16.3



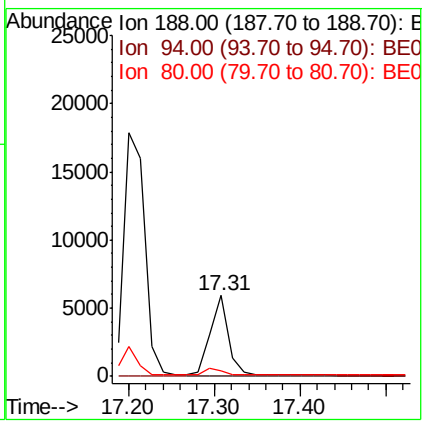


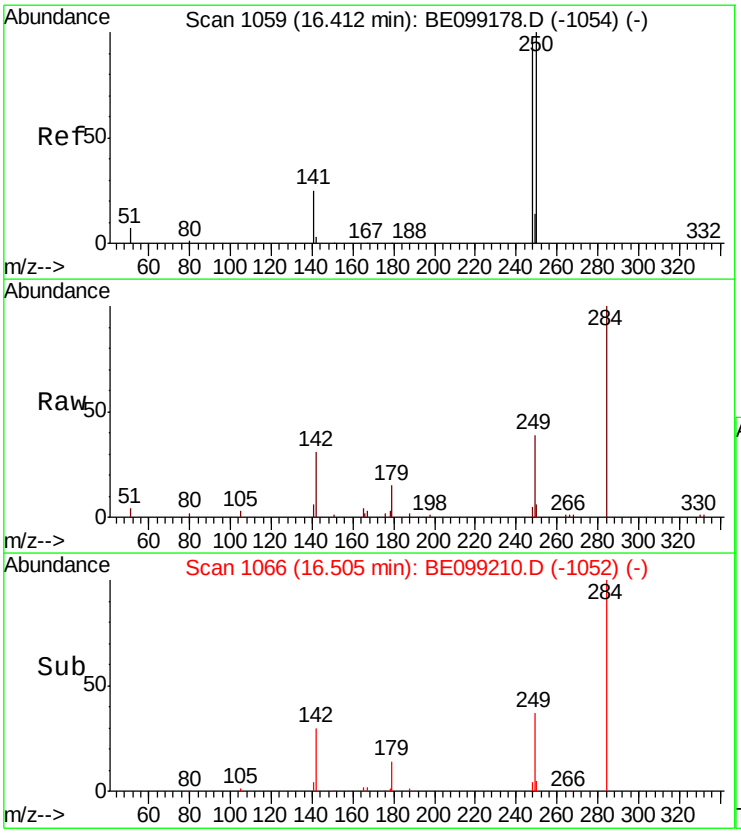
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.31 min Scan# 1126
Delta R.T. 0.09 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8648

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	4.5	6.7

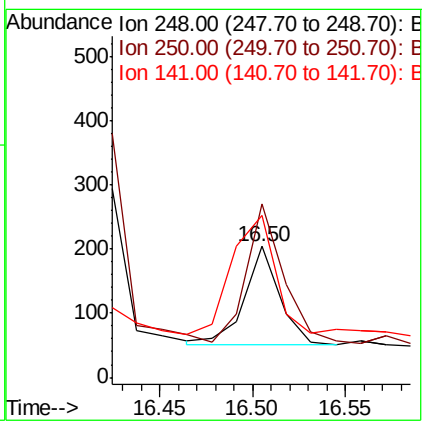


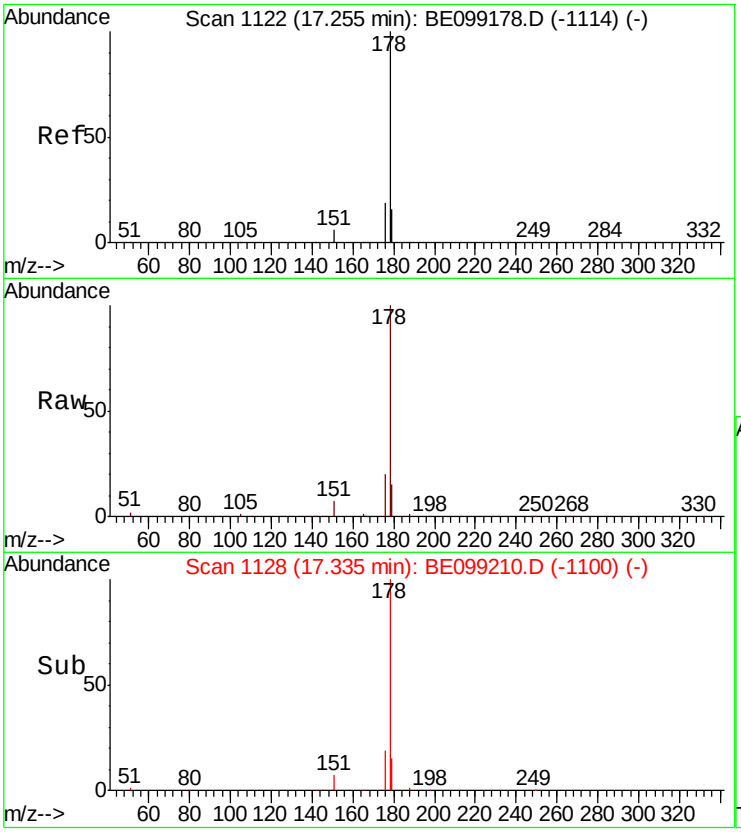


#20
4-Bromophenyl-phenylether
Concen: 0.036 ng
RT: 16.50 min Scan# 1066
Delta R.T. 0.09 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:248 Resp: 199

Ion	Ratio	Lower	Upper
248	100		
250	132.8	84.2	126.2#
141	124.0	21.8	32.6#



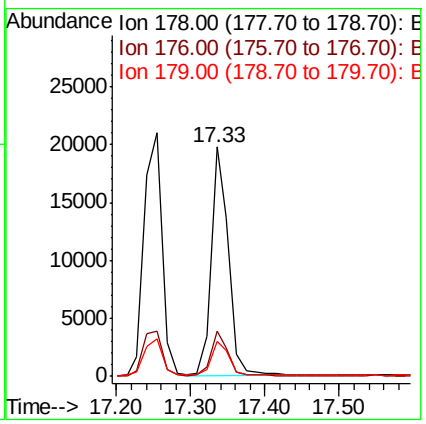


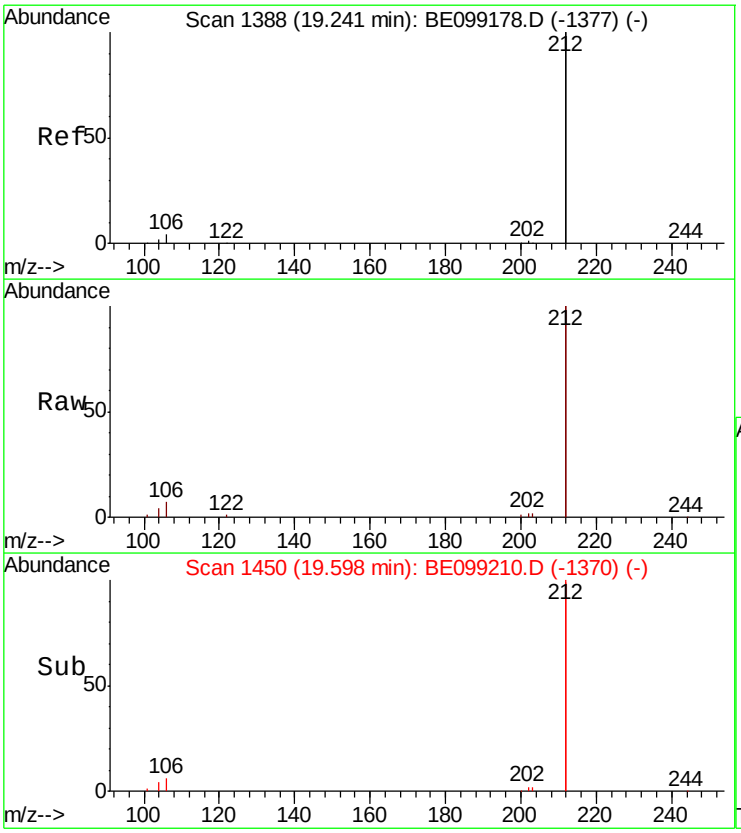
#23
Phenanthrene
Concen: 1.256 ng
RT: 17.33 min Scan# 1128
Delta R.T. 0.08 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 31897

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.2	12.3	18.5

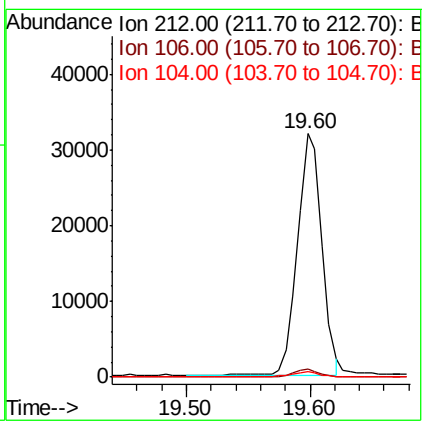


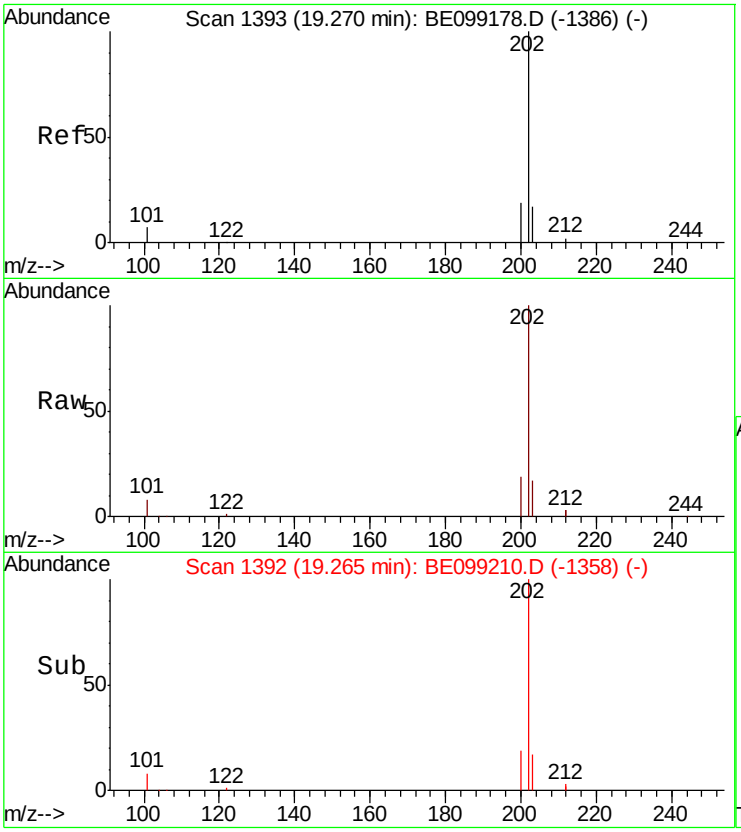


#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 19.60 min Scan# 1450
Delta R.T. 0.36 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:212 Resp: 42975

Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8#
104	1.9	1.1	1.7#



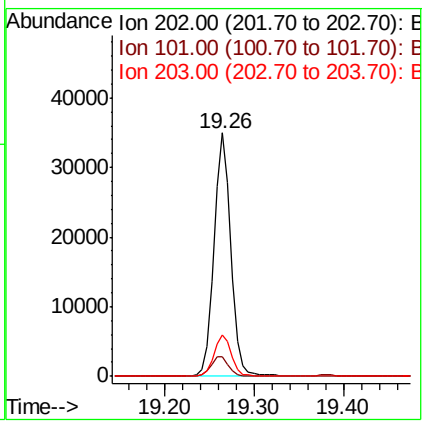


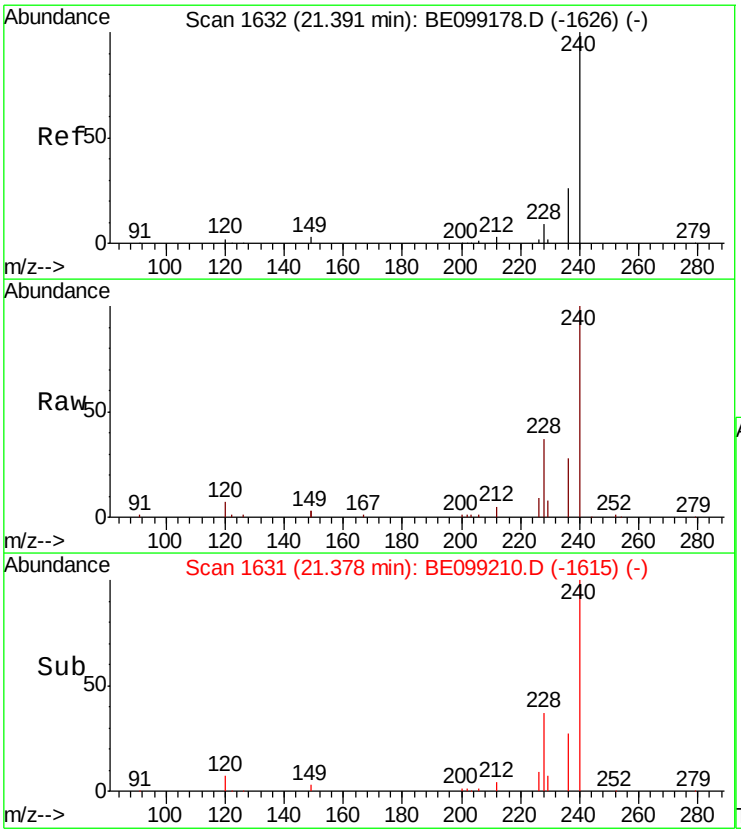
#26
Fluoranthene
Concen: 1.391 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 45092

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.4
203	17.2	13.8	20.6

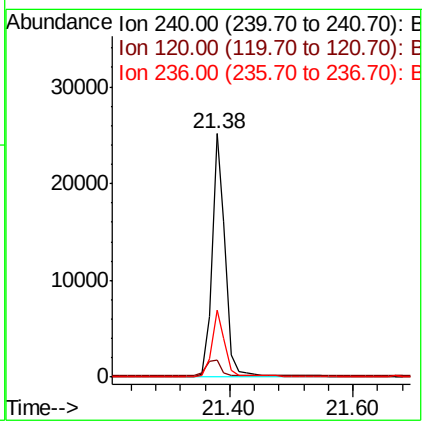


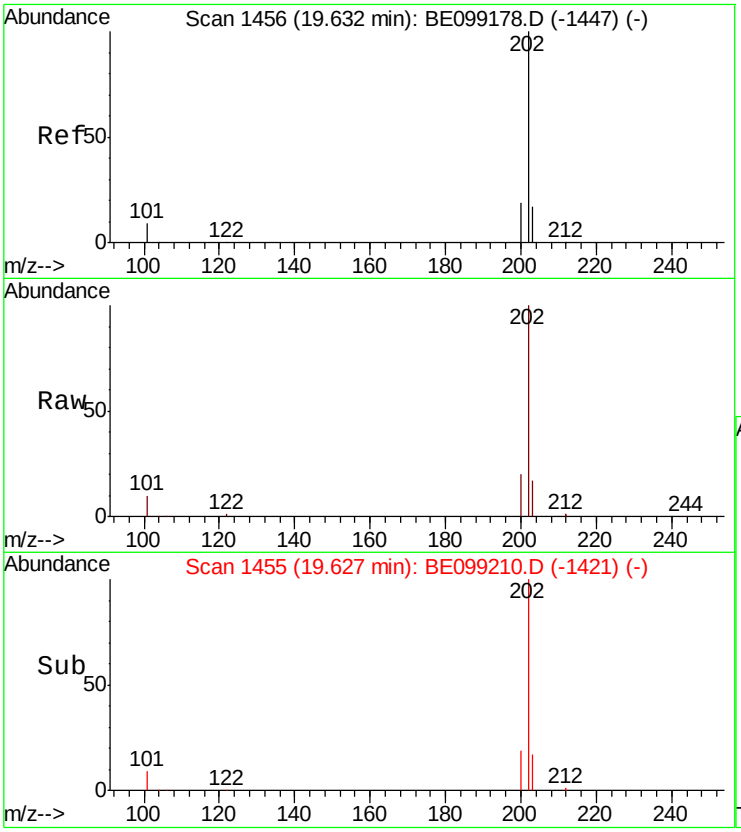


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:240 Resp: 37492

Ion	Ratio	Lower	Upper
240	100		
120	7.1	2.6	3.8#
236	27.6	20.9	31.3



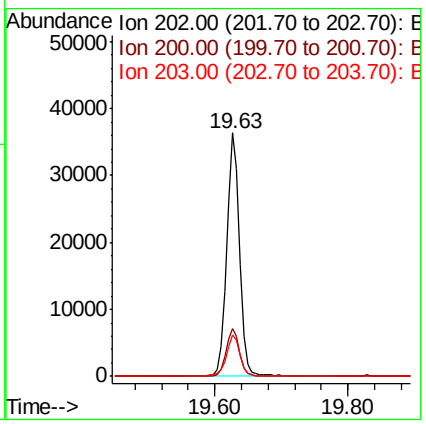


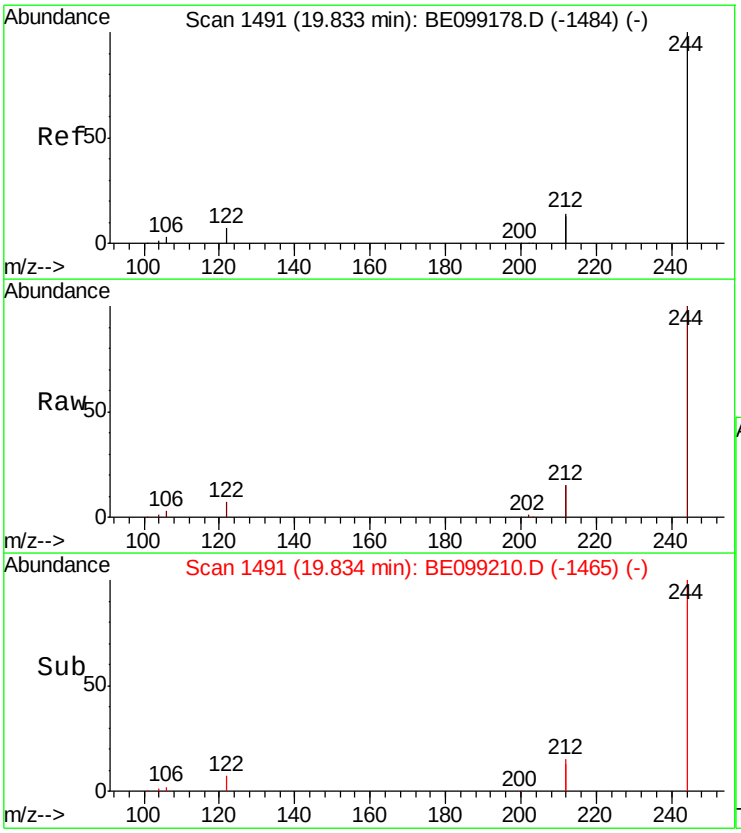
#28
Pyrene
Concen: 0.383 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 47741

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	18.0	14.1	21.1

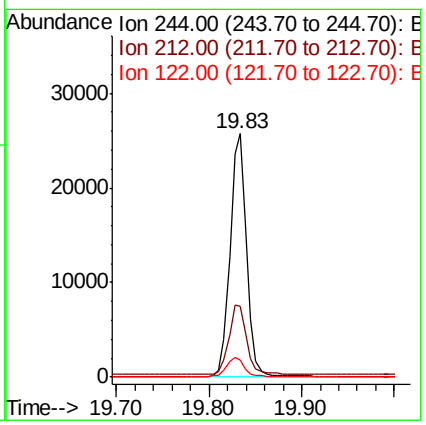


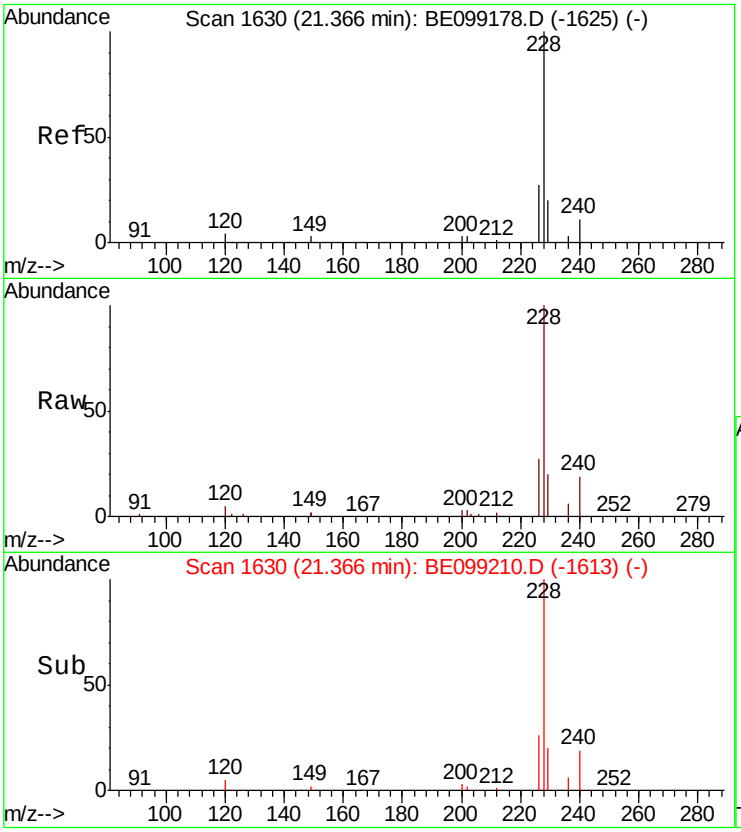


#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:244 Resp: 31926

Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.7	34.1
122	7.1	5.8	8.6



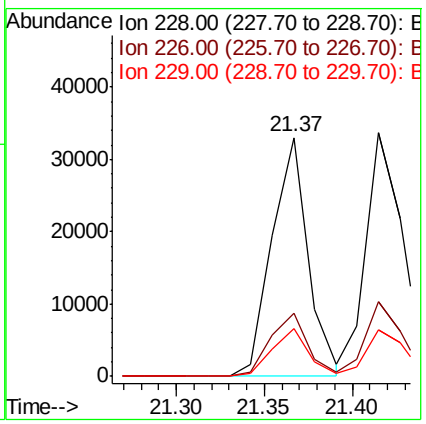


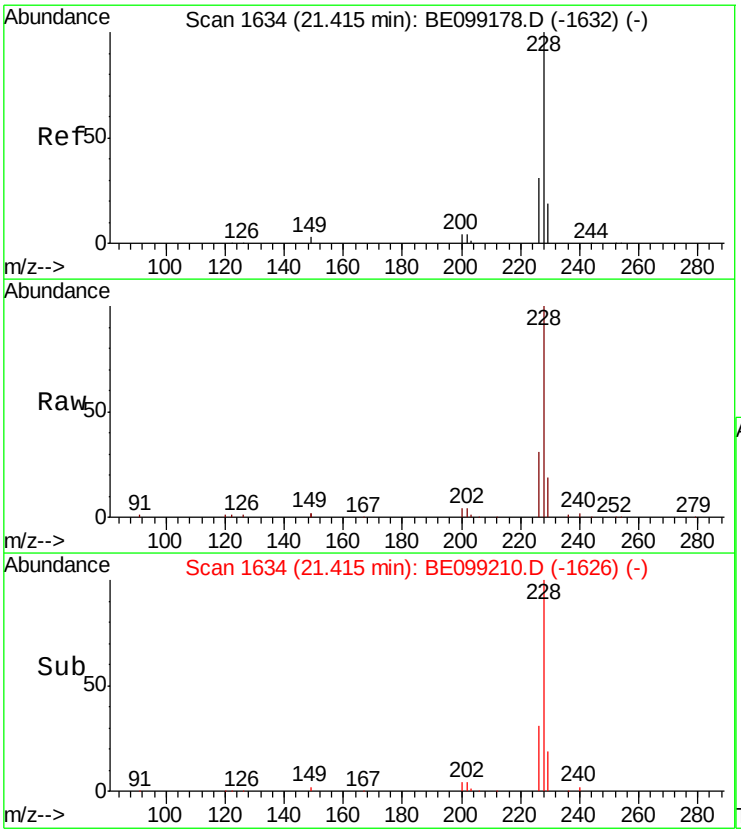
#30
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 47076

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.8	15.9	23.9

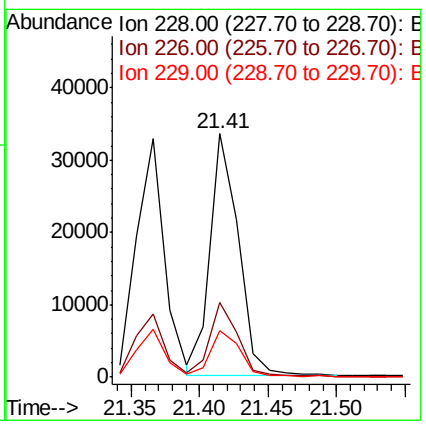


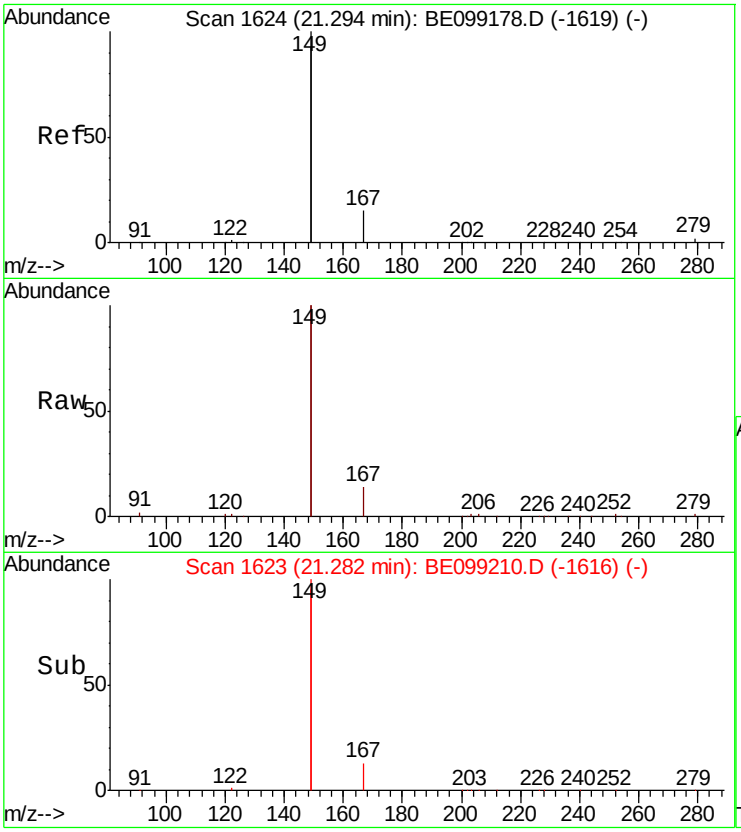


#31
Chrysene
Concen: 0.365 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:228 Resp: 48232

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.3	15.4	23.0



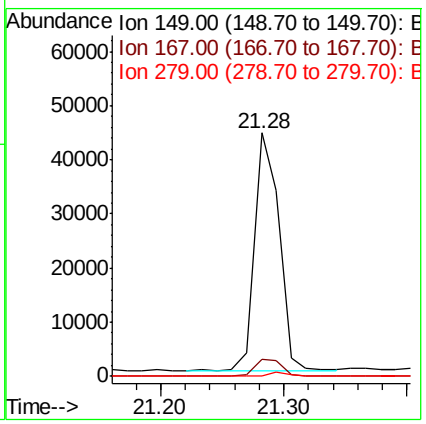


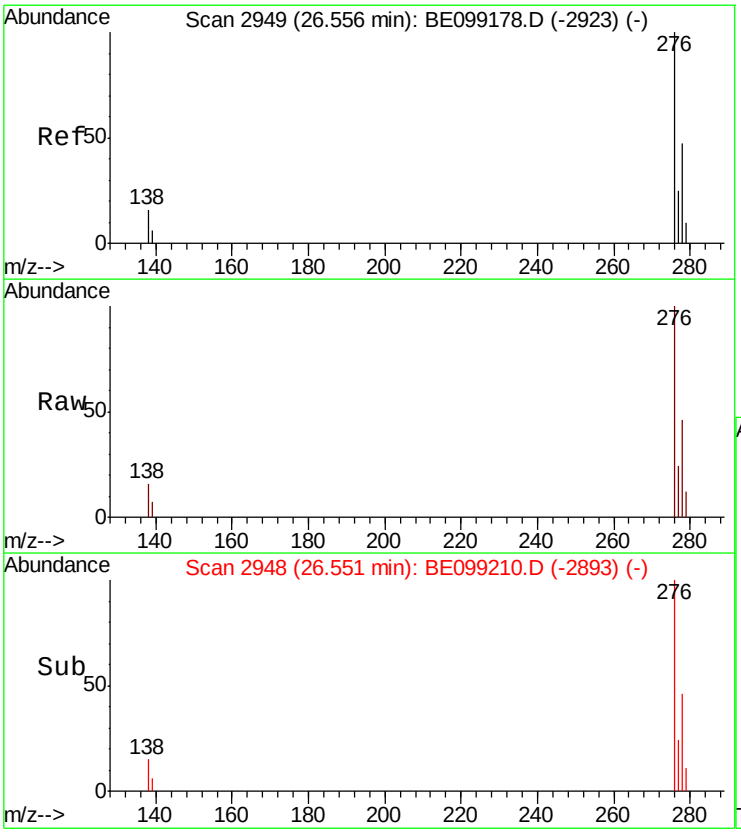
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.411 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 60596

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.1	1.0	1.6

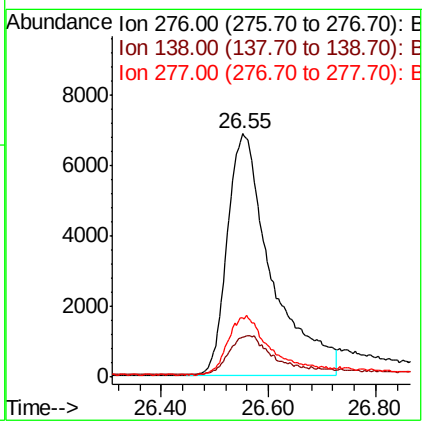


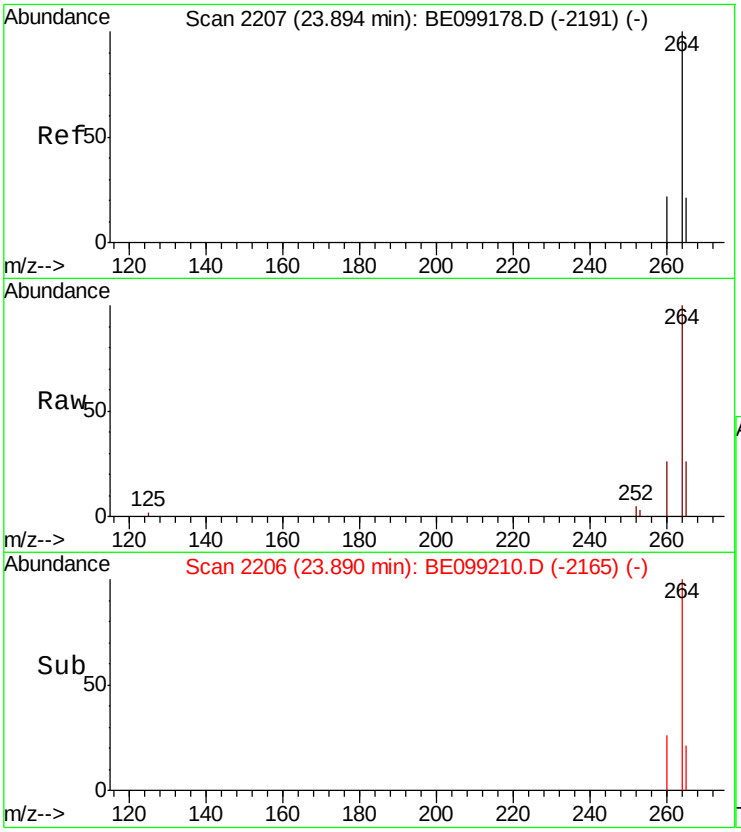


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:276 Resp: 39186

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.9	19.3
277	23.8	18.3	27.5



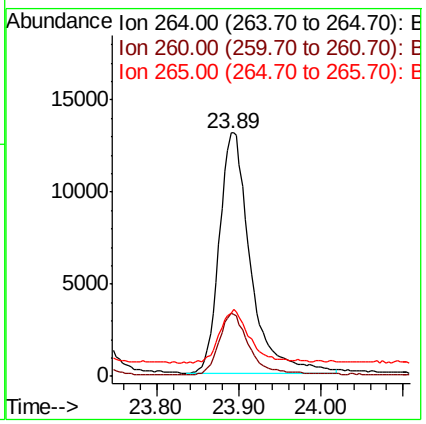


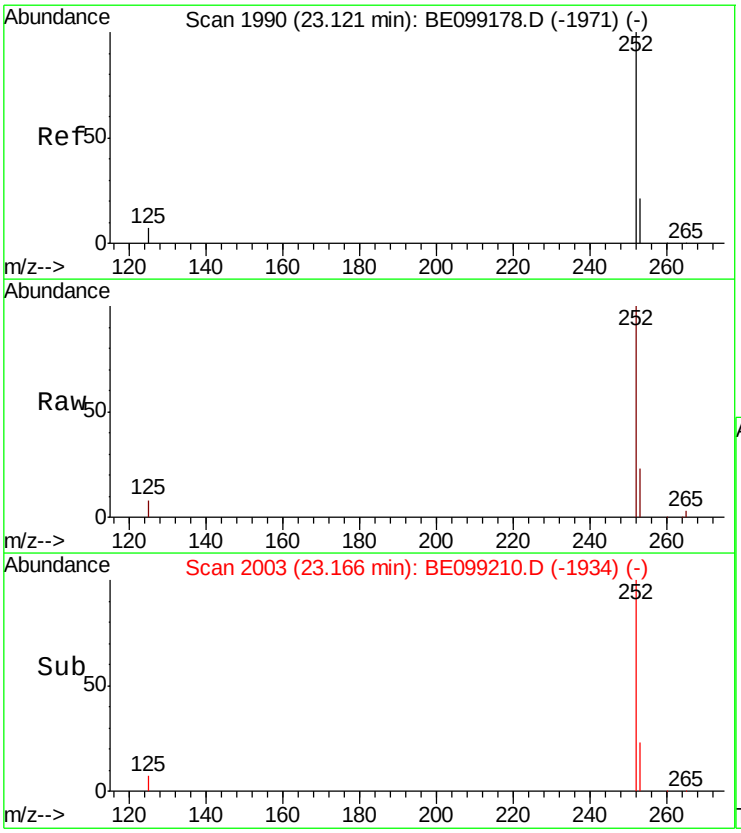
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 34468

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.2
265	26.0	21.8	32.8

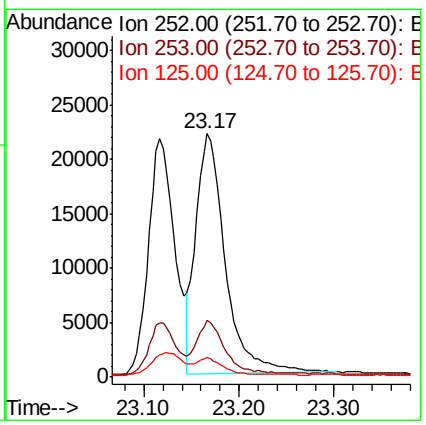


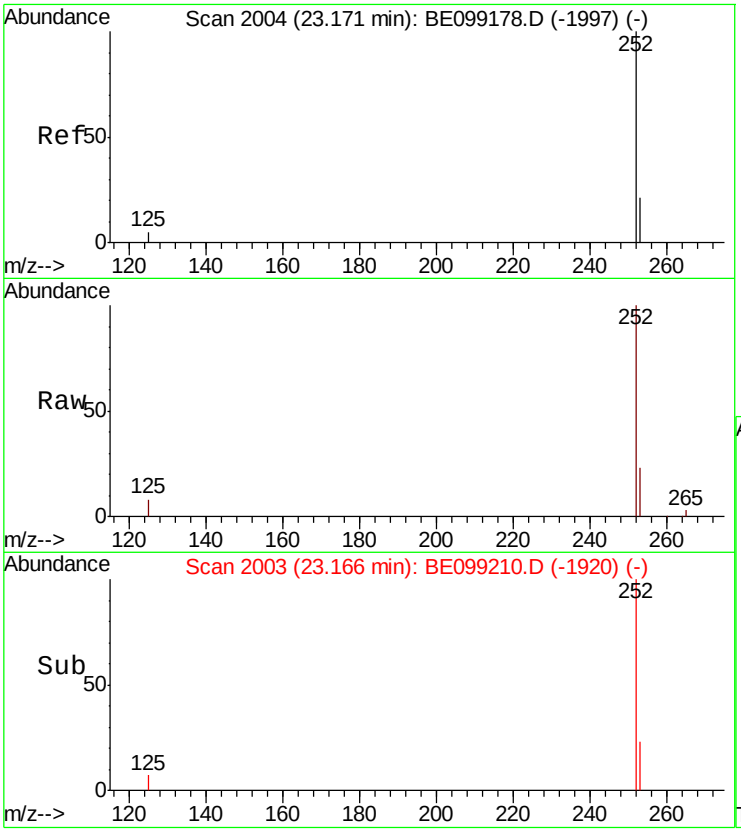


#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:252 Resp: 47632

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	7.8	6.1	9.1



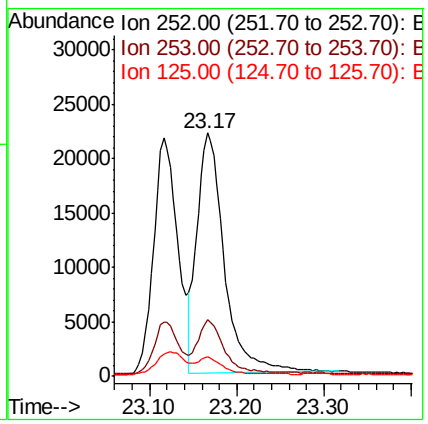


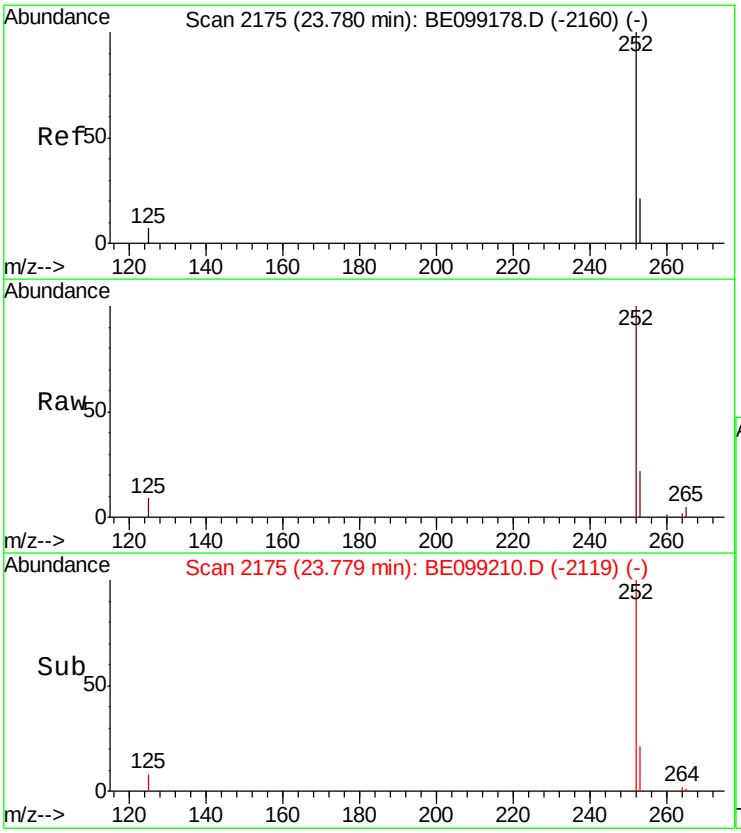
#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 48152

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	7.8	5.9	8.9

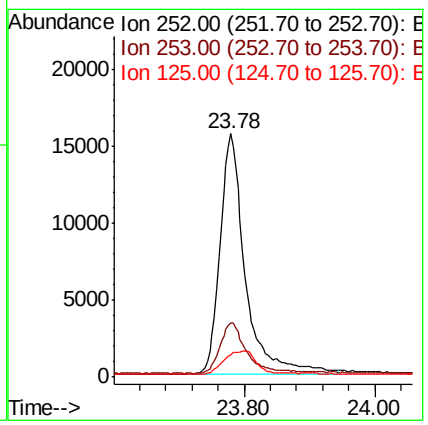


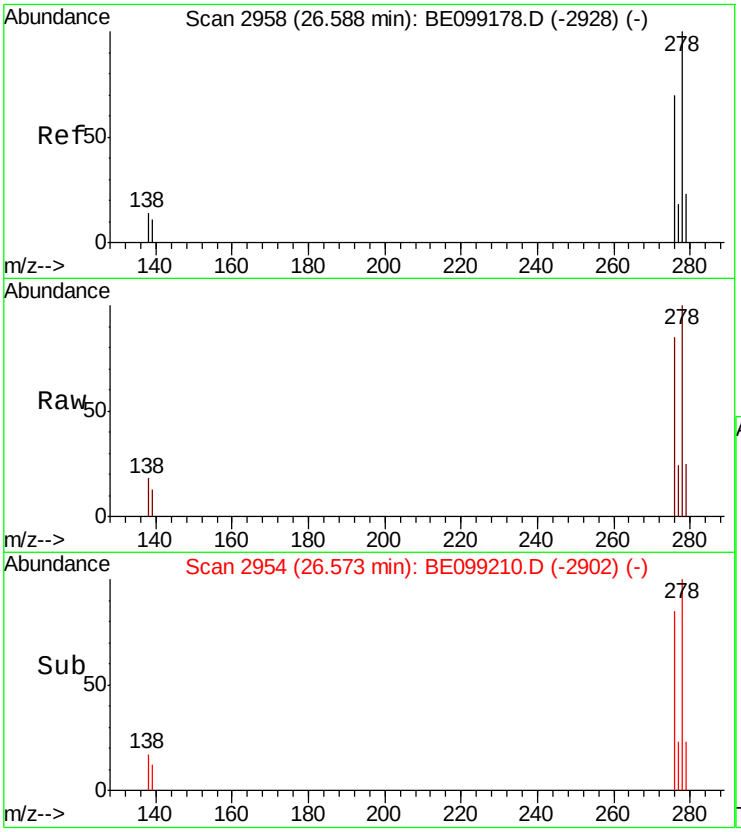


#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:252 Resp: 42055

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	8.9	6.8	10.2



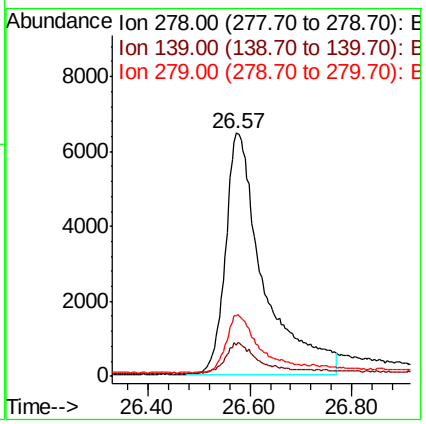


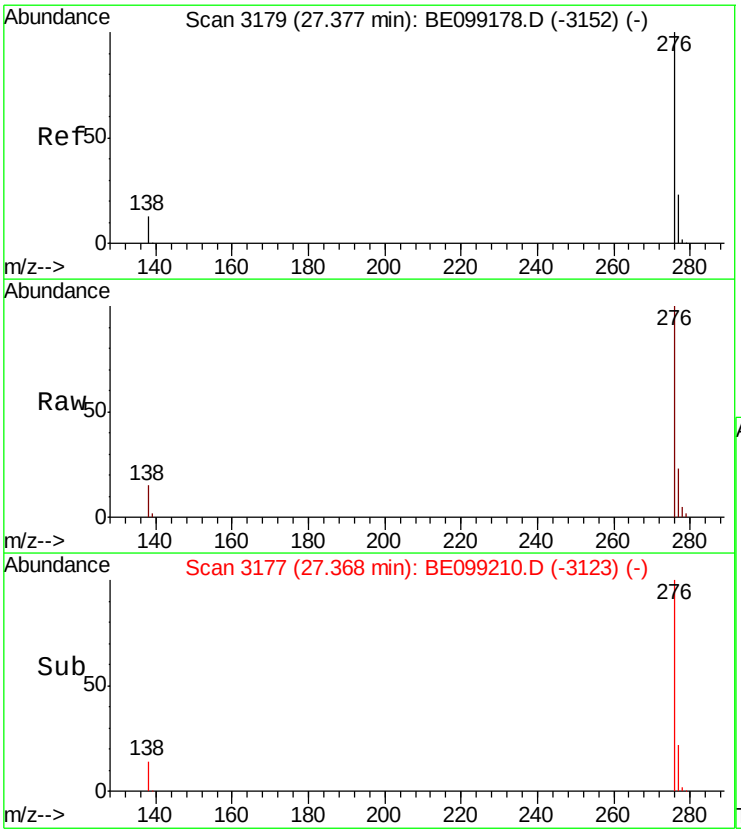
#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.02 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 33213

Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.5	14.3
279	24.8	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.316 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE099210.D
Acq: 26 Mar 2019 11:09

Tgt Ion:276 Resp: 29864

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	15.1	11.1	16.7