Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
Data File : BE099181.D
Acq On : 25 Mar 2019 13:46
Operator : JU/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 25 14:26:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 14:07:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3945	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	17778	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	13190	0.40	ng		-0.01
19) Phenanthrene-d10	17.21	188	33209	0.40	ng		0.00
27) Chrysene-d12	21.38	240	40091	0.40	ng		-0.01
34) Perylene-d12	23.89	264	38923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	36557	3.11	ng		0.00
5) Phenol-d6	6.99	99	57710	3.41	ng		0.00
8) Nitrobenzene-d5	8.99	82	49907	6.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	109485	3.42	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	21849	5.63	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	167810	3.20	ng		0.00
25) Fluoranthene-d10	19.24	212	1341017	3.03	ng		0.00
29) Terphenyl-d14	19.83	244	279602	3.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	16024	2.618	ng		96
3) n-Nitrosodimethylamine	3.65	42	10826	3.428	ng	#	90
6) bis(2-Chloroethyl)ether	7.25	93	45836	3.335	ng		98
9) Naphthalene	10.68	128	664628	3.172	ng		100
10) Hexachlorobutadiene	10.95	225	35781	3.493	ng		96
12) 2-Methylnaphthalene	12.30	142	121378	3.383	ng		98
16) Acenaphthylene	14.20	152	228868	3.251	ng		100
17) Acenaphthene	14.54	154	130417	3.124	ng		98
18) Fluorene	15.51	166	182397	2.995	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	71383	3.883	ng		98
21) Hexachlorobenzene	16.52	284	66206	3.878	ng		99
22) Pentachlorophenol	16.85	266	13587	2.194	ng	#	88
23) Phenanthrene	17.25	178	309952	3.143	ng		100
24) Anthracene	17.33	178	301375	3.230	ng		100
26) Fluoranthene	19.27	202	411156	2.963	ng		99
28) Pyrene	19.63	202	416478	3.063	ng		100
30) Benzo(a)anthracene	21.37	228	428107	3.031	ng		100
31) Chrysene	21.42	228	439086	3.111	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	542019	2.957	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	447071	2.946	ng		98
35) Benzo(b)fluoranthene	23.12	252	418401	3.107	ng		99
36) Benzo(k)fluoranthene	23.17	252	440009	3.335	ng		99
37) Benzo(a)pyrene	23.78	252	394176	3.167	ng		98
38) Dibenzo(a,h)anthracene	26.58	278	372826	3.081	ng		98
39) Benzo(g,h,i)perylene	27.37	276	365294	2.939	ng		100

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Mar 2019 13:46
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
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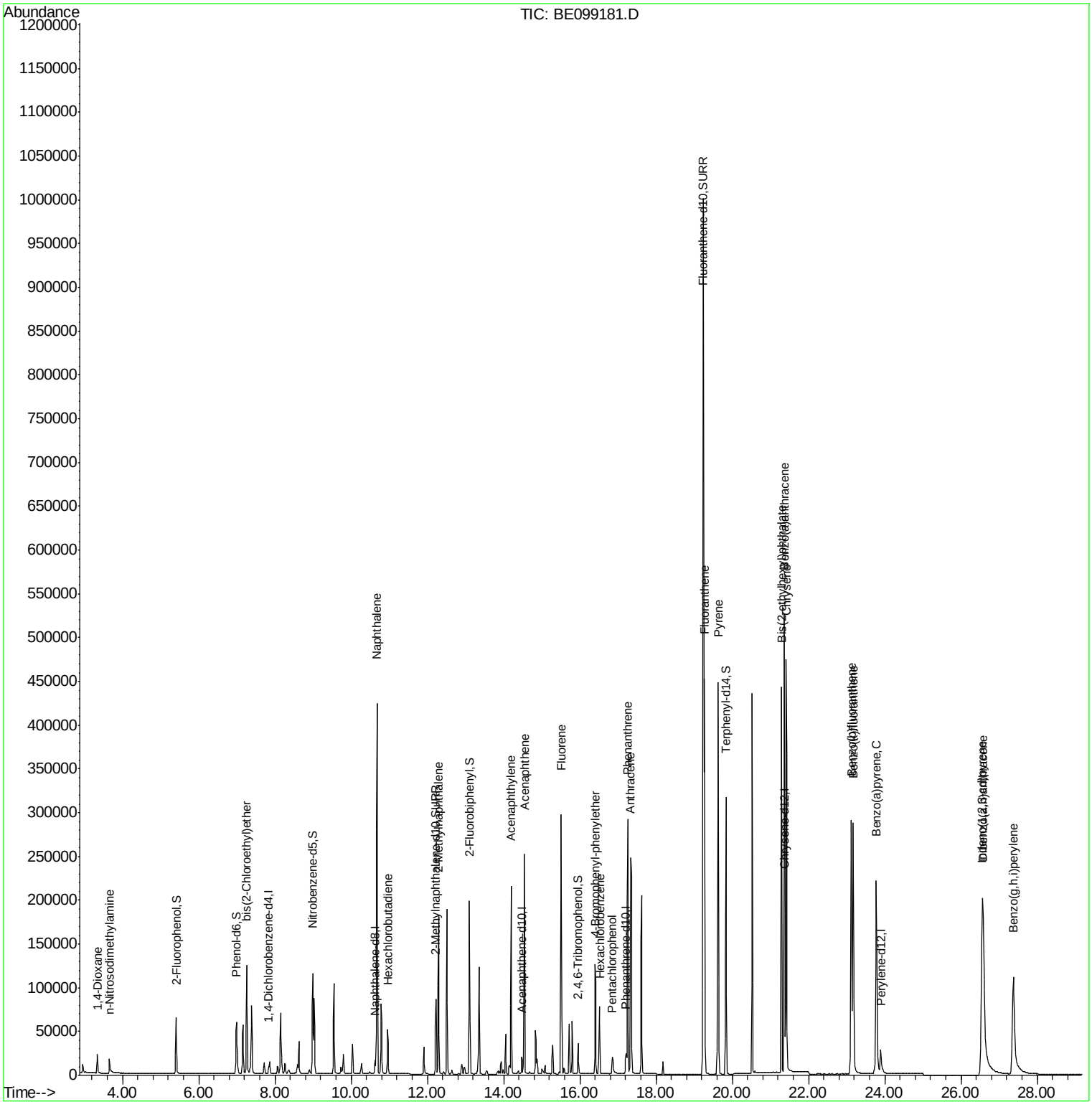
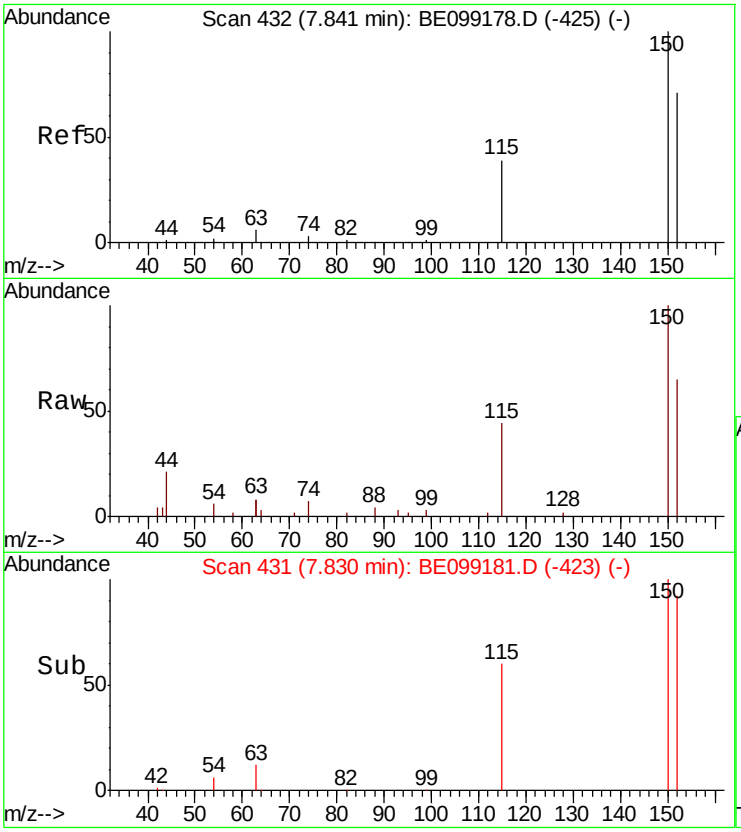
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 14:07:14 2019
Response via : Initial Calibration



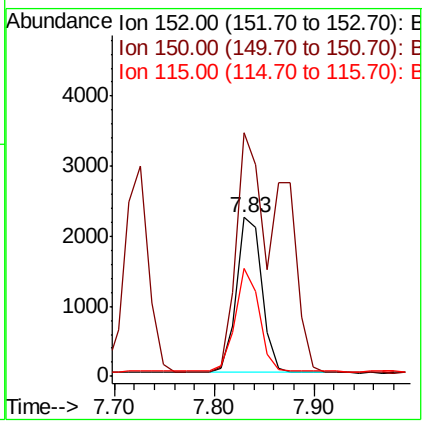


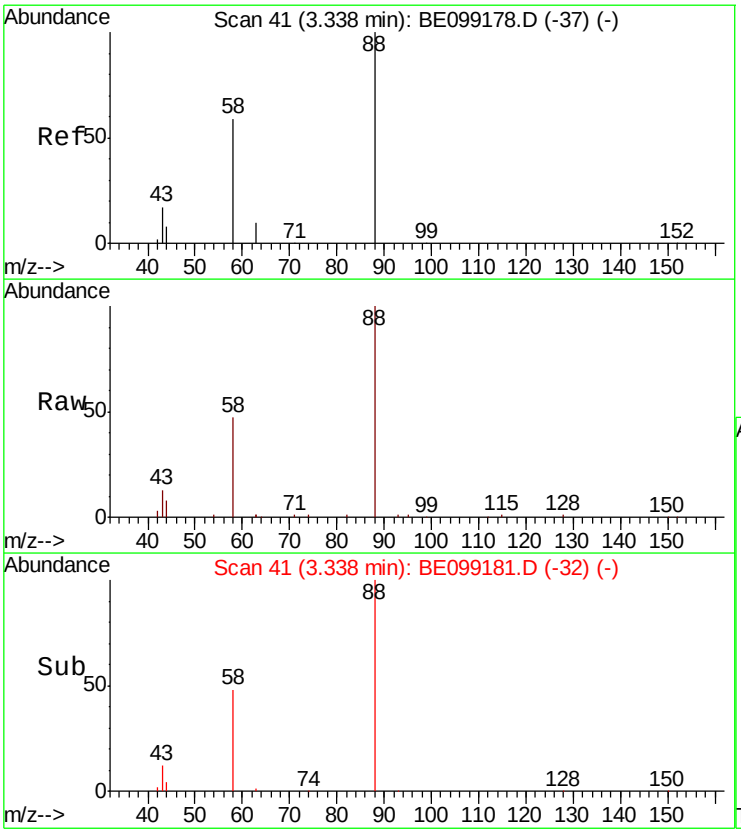
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3945

Ion	Ratio	Lower	Upper
152	100		
150	153.1	112.8	169.2
115	67.5	45.1	67.7

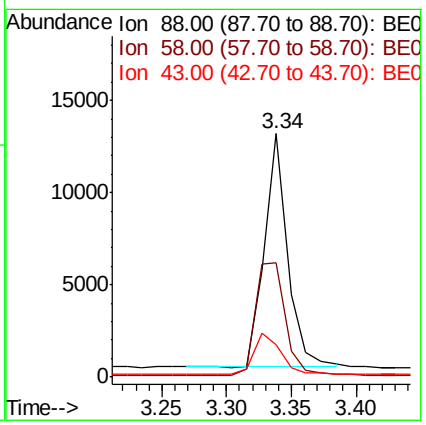


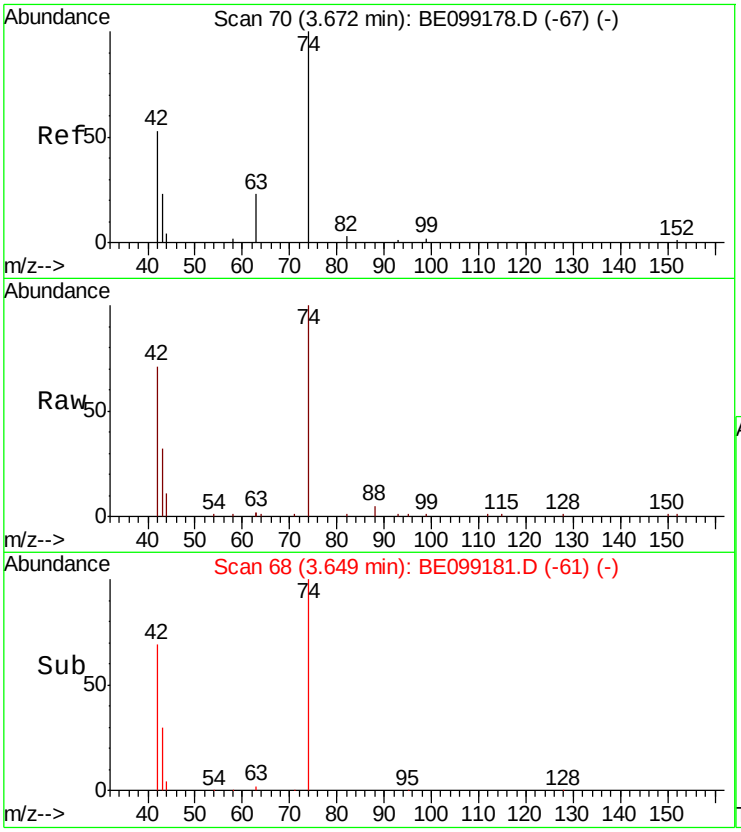


#2
1,4-Dioxane
Concen: 2.618 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion: 88 Resp: 16024

Ion	Ratio	Lower	Upper
88	100		
58	63.0	47.4	71.0
43	20.0	15.6	23.4

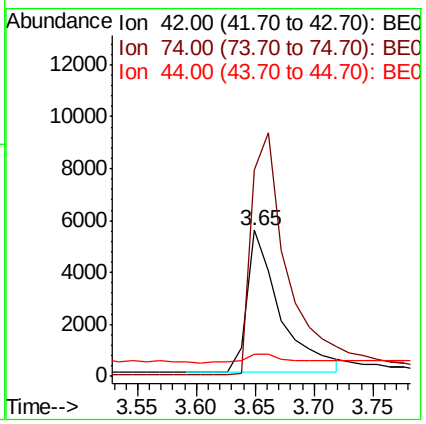




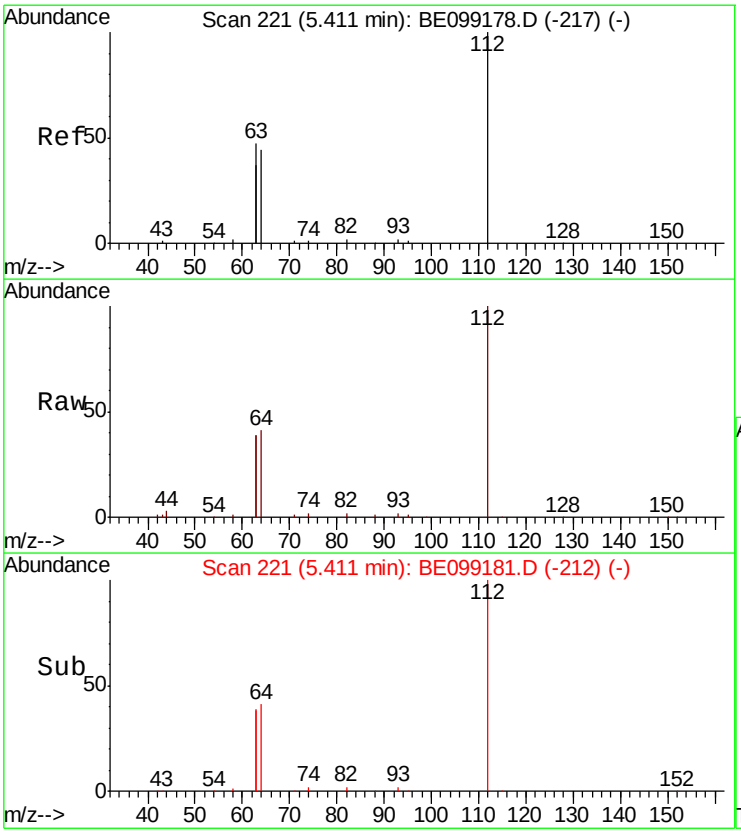
#3
n-Nitrosodimethylamine
Concen: 3.428 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion: 42 Resp: 10826

Ion	Ratio	Lower	Upper
42	100		
74	184.9	138.6	207.8
44	8.2	15.0	22.6#



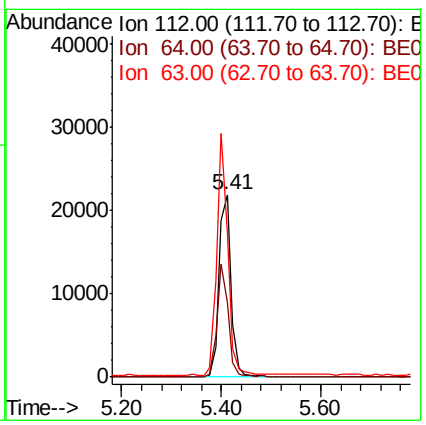
Instrument :
BNA_E
ClientSampleId :

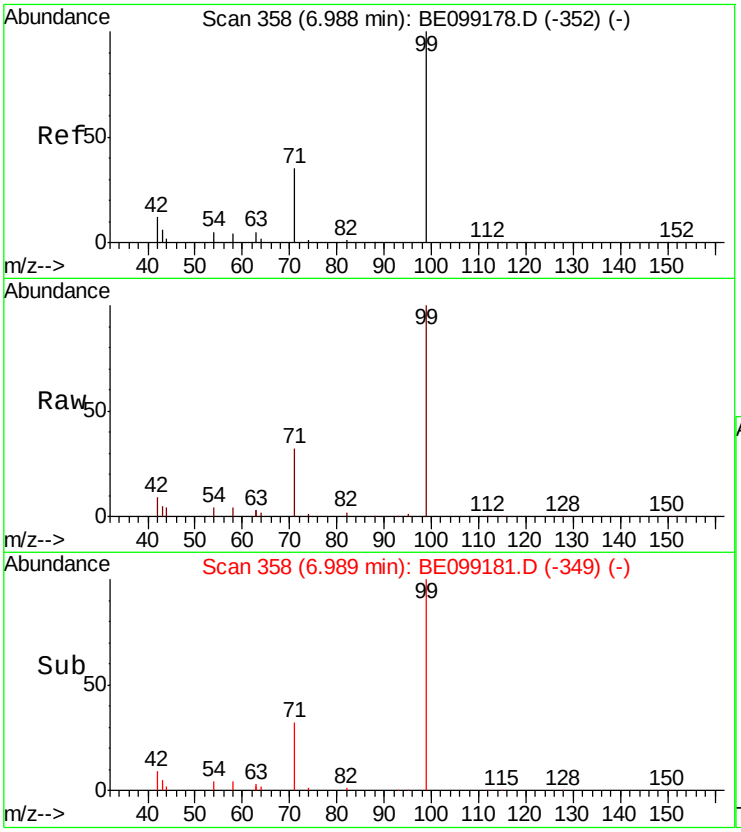


#4
2-Fluorophenol
Concen: 3.112 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:112 Resp: 36557

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.2	69.2
63	119.8	89.9	134.9



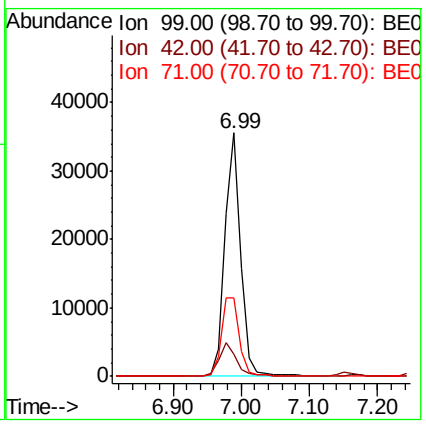


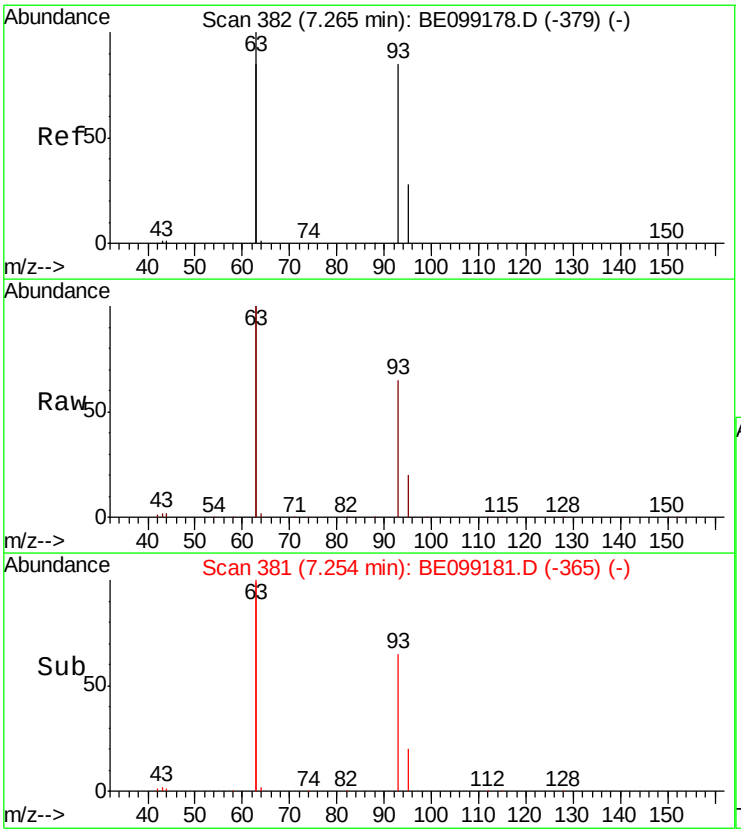
#5
Phenol-d6
Concen: 3.413 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 57710

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.4	18.6
71	37.1	28.4	42.6

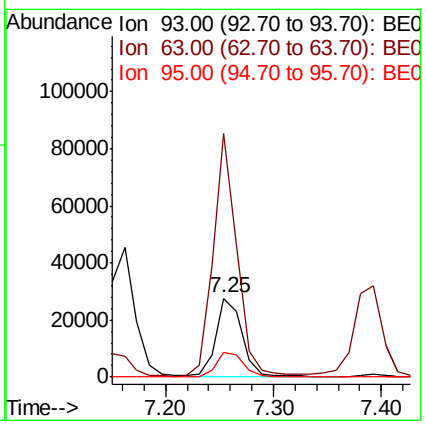


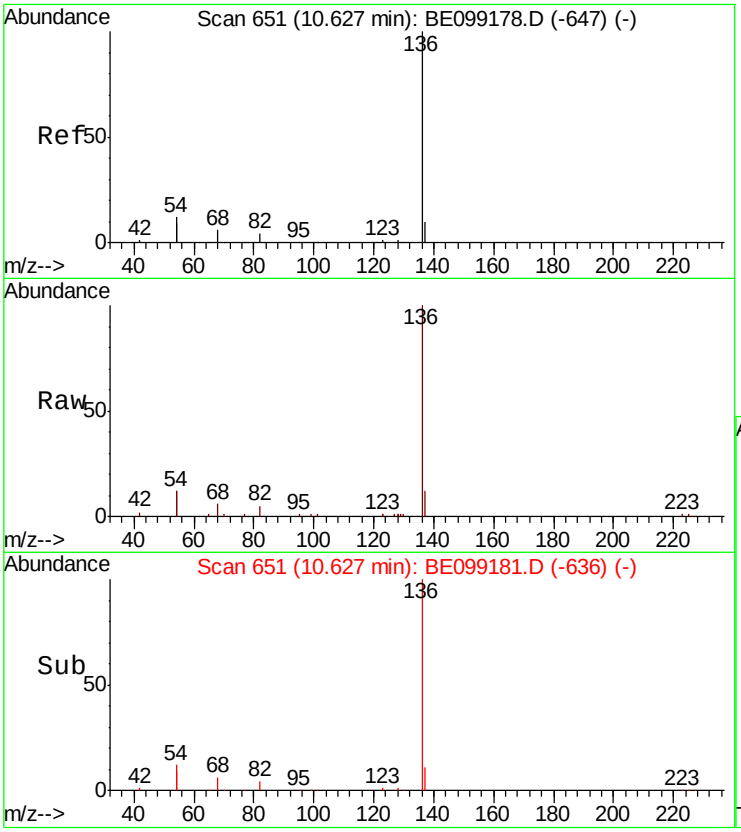


#6
bis(2-Chloroethyl)ether
Concen: 3.335 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion: 93 Resp: 45836

Ion	Ratio	Lower	Upper
93	100		
63	281.5	221.4	332.0
95	32.0	25.8	38.8



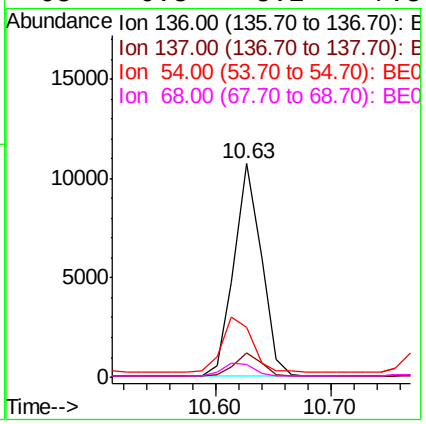


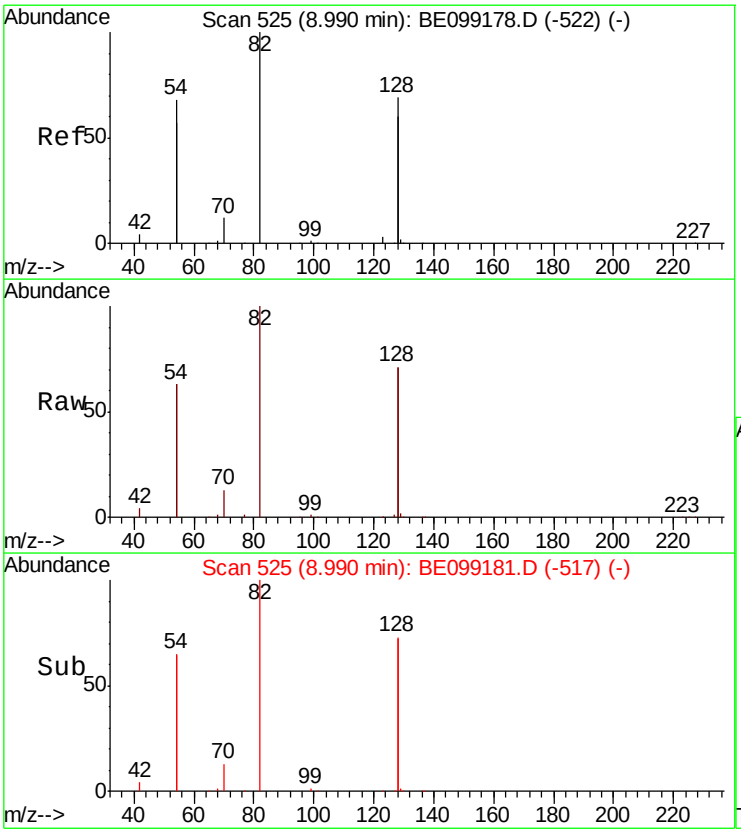
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 17778

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	23.3	18.7	28.1
68	6.3	5.2	7.8

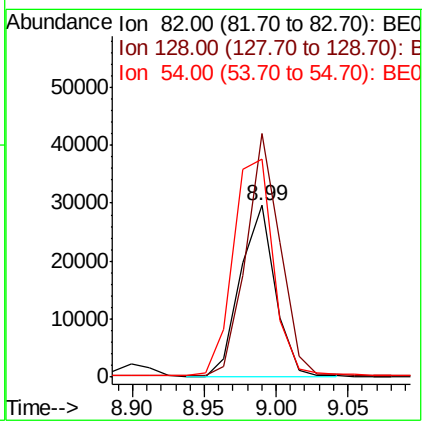


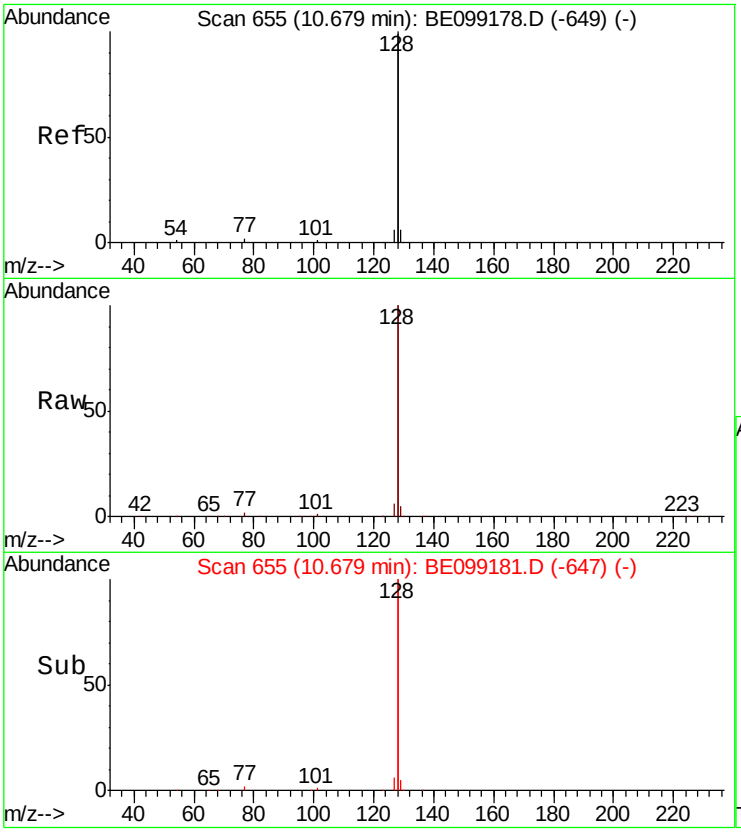


#8
Nitrobenzene-d5
Concen: 6.421 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion: 82 Resp: 49907

Ion	Ratio	Lower	Upper
82	100		
128	141.7	107.5	161.3
54	126.6	106.3	159.5



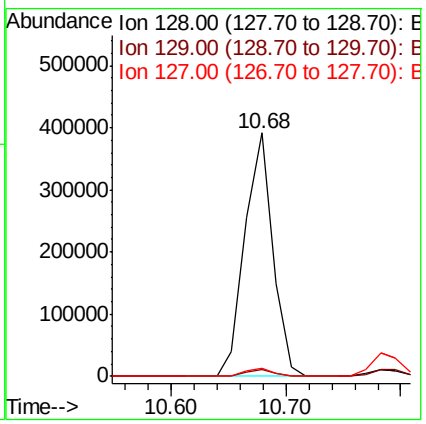


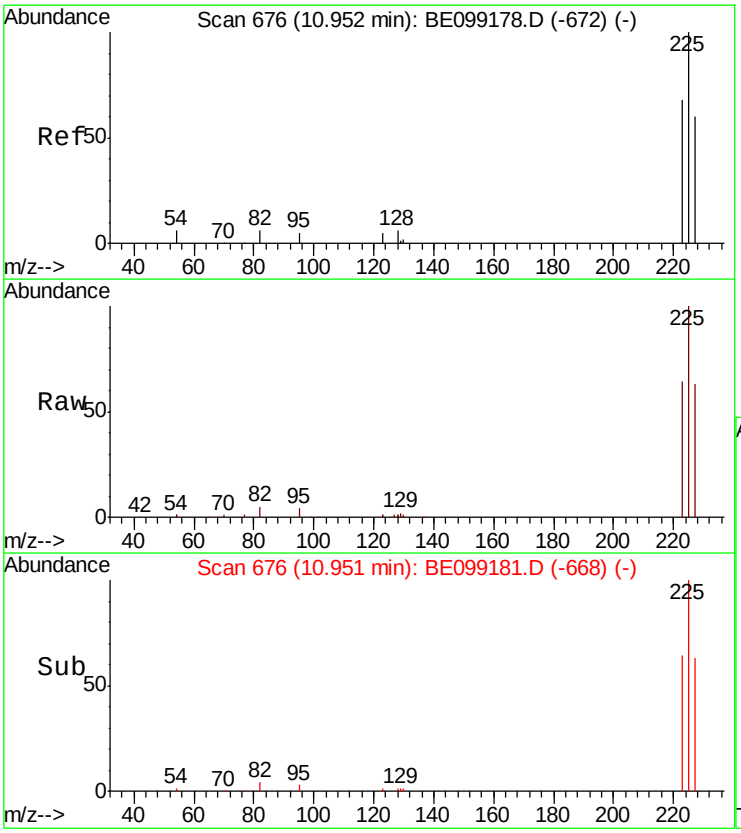
#9
Naphthalene
Concen: 3.172 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 664628

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.2	2.6	3.8

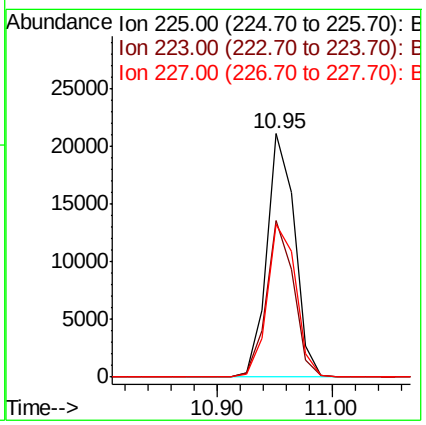


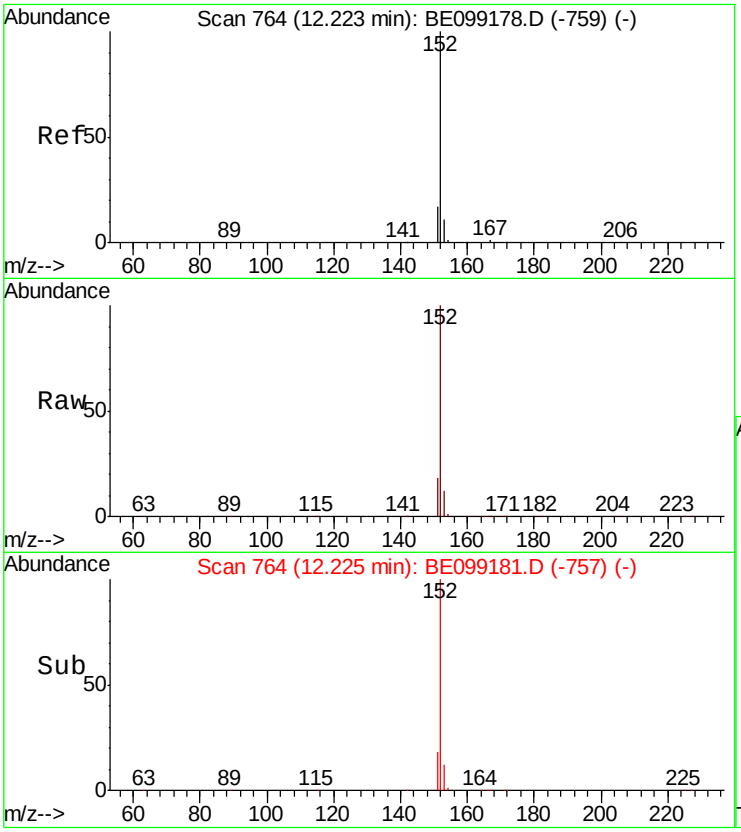


#10
Hexachlorobutadiene
Concen: 3.493 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:225 Resp: 35781

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.3	76.9
227	64.4	48.6	73.0



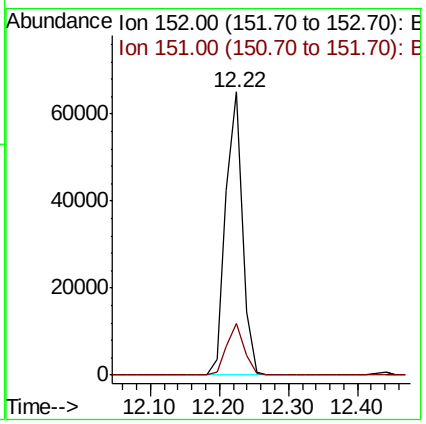


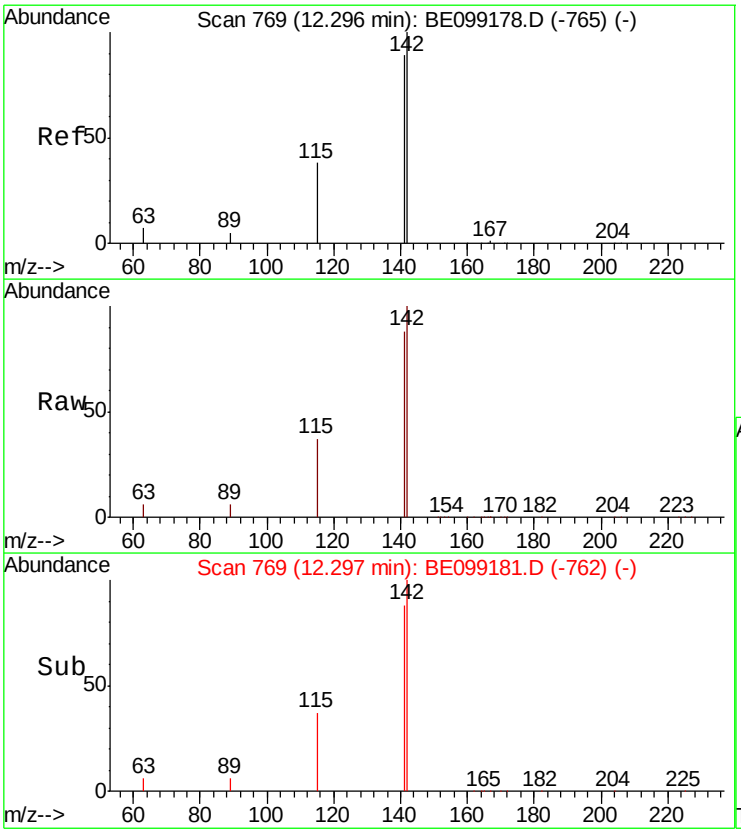
#11
2-Methylnaphthalene-d10
Concen: 3.419 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 109485

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

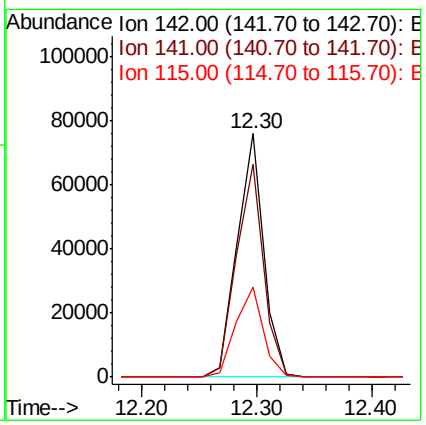


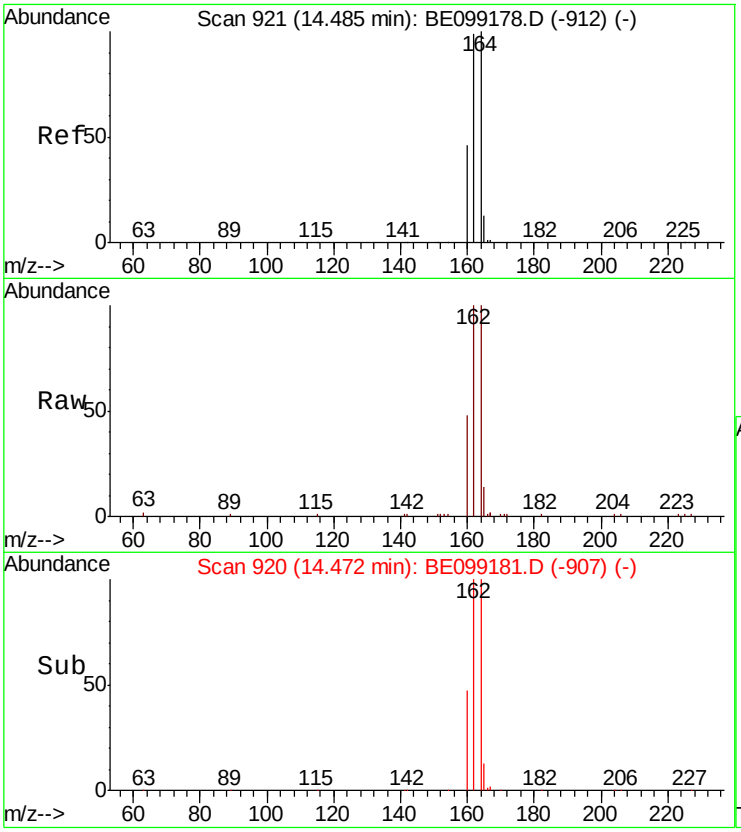


#12
2-Methylnaphthalene
Concen: 3.383 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:142 Resp: 121378

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	37.1	30.4	45.6



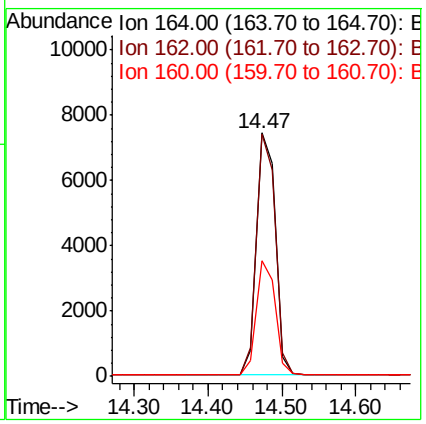


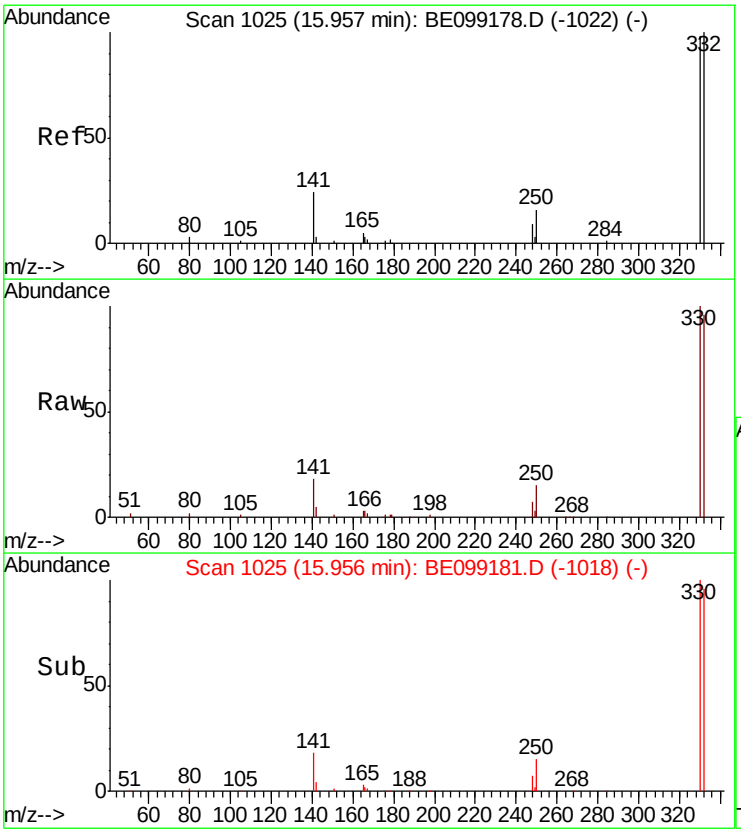
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13190

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	47.6	36.7	55.1

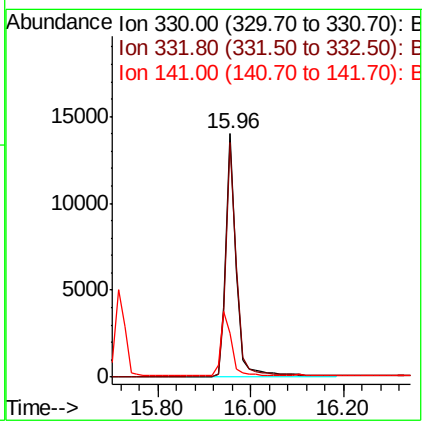


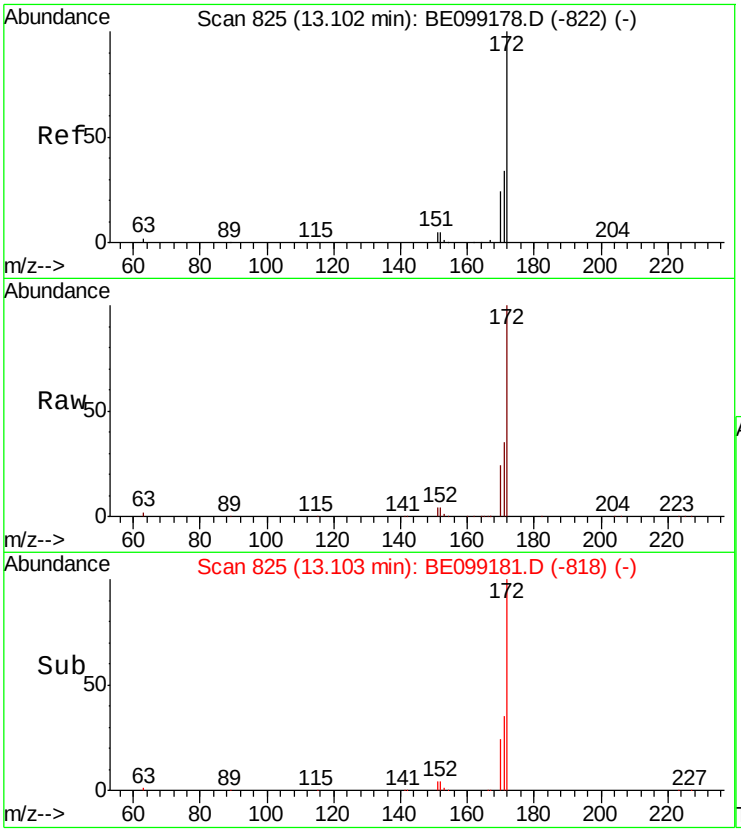


#14
2,4,6-Tribromophenol
Concen: 5.635 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:330 Resp: 21849

Ion	Ratio	Lower	Upper
330	100		
332	96.9	71.3	106.9
141	28.6	21.7	32.5



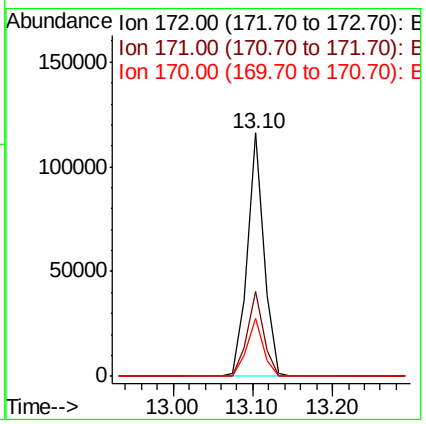


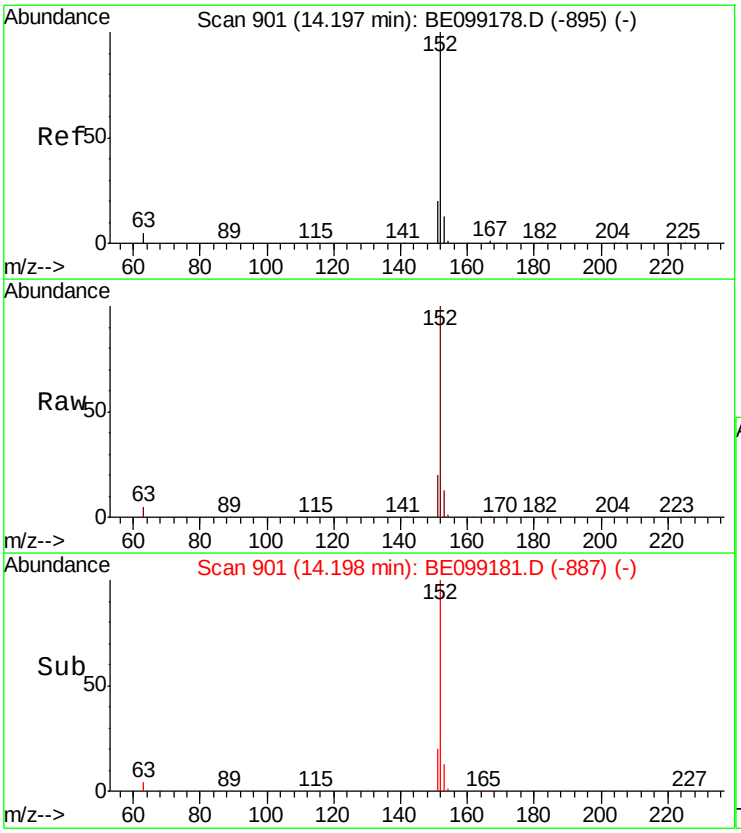
#15
2-Fluorobiphenyl
Concen: 3.199 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 167810

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.7	19.1	28.7

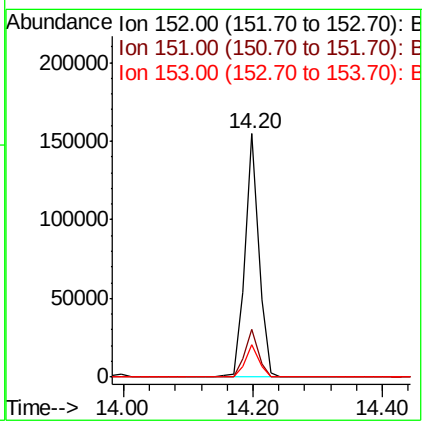


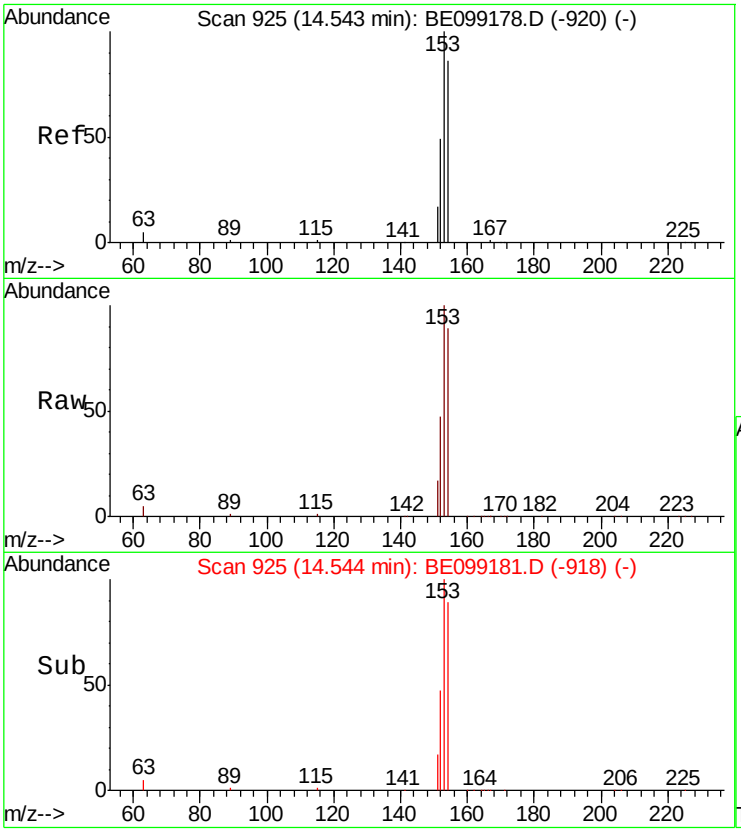


#16
Acenaphthylene
Concen: 3.251 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:152 Resp: 228868

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



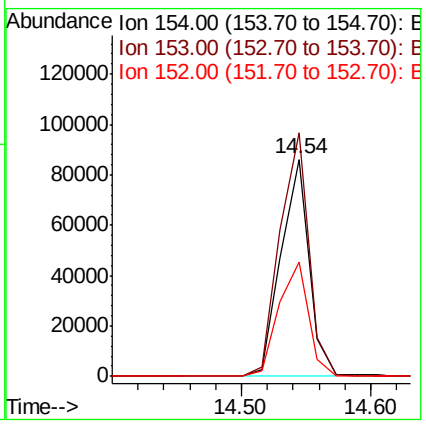


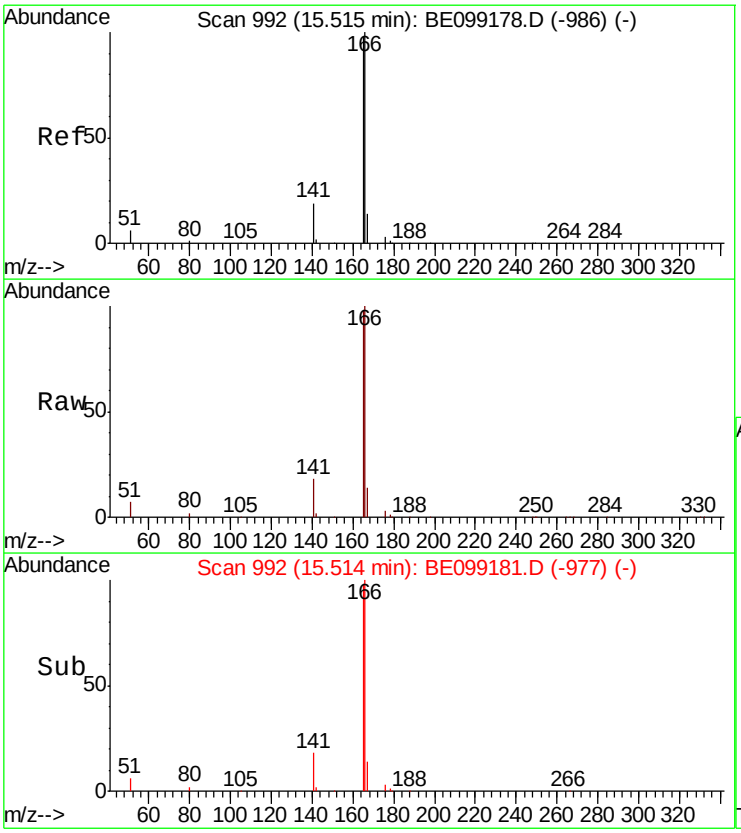
#17
Acenaphthene
Concen: 3.124 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 130417

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.4	140.0
152	55.6	46.6	69.8

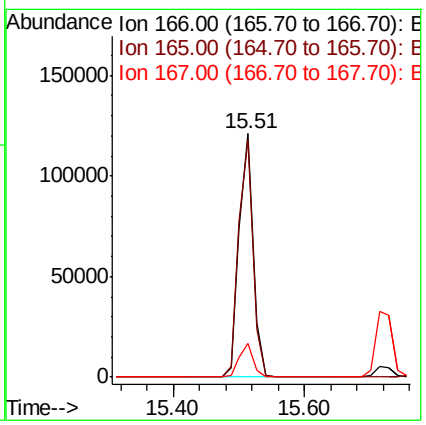


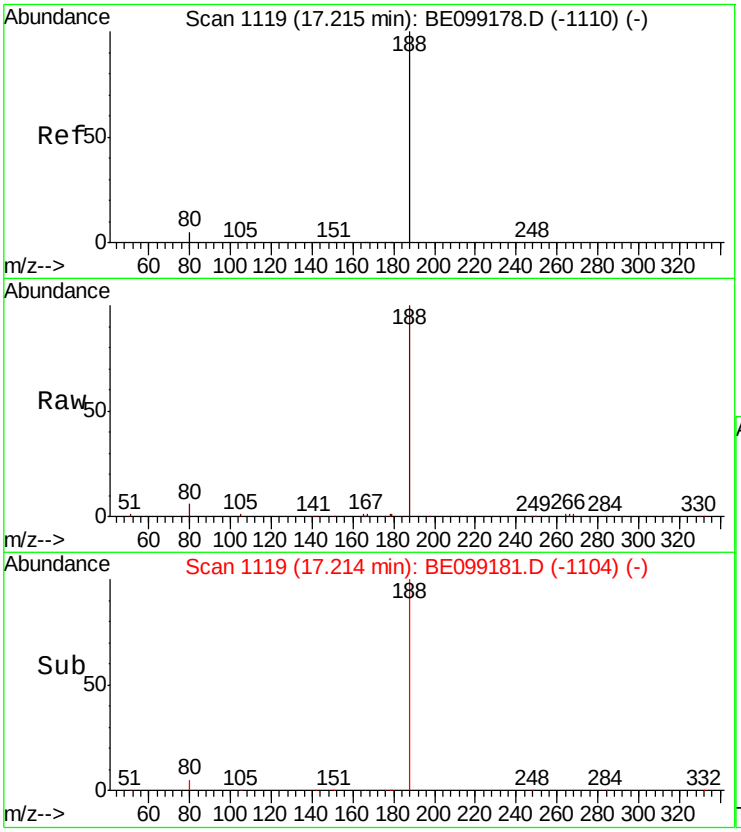


#18
Fluorene
Concen: 2.995 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:166 Resp: 182397

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.9	118.3
167	13.5	10.9	16.3



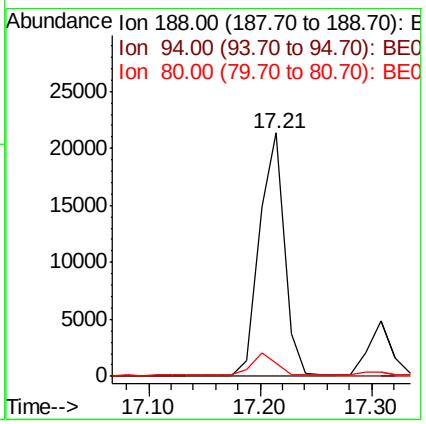


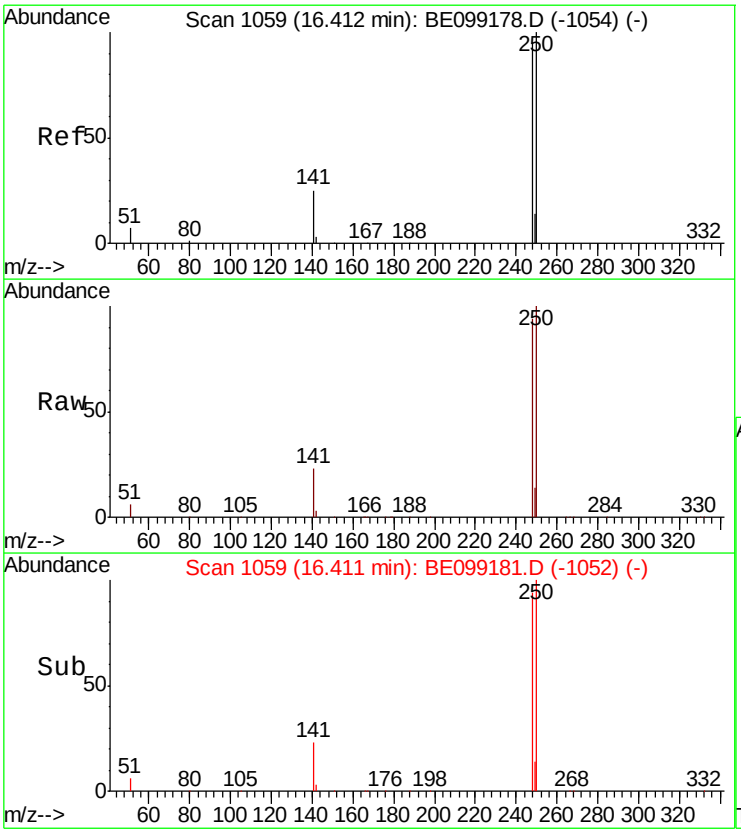
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33209

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	4.5	6.7

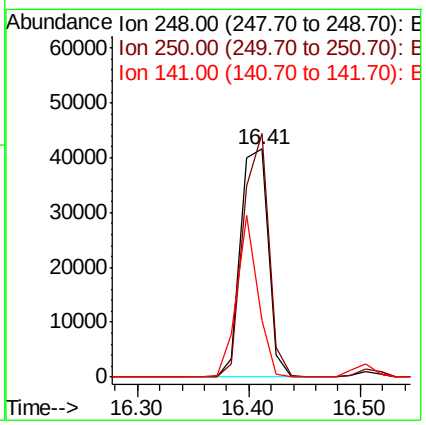


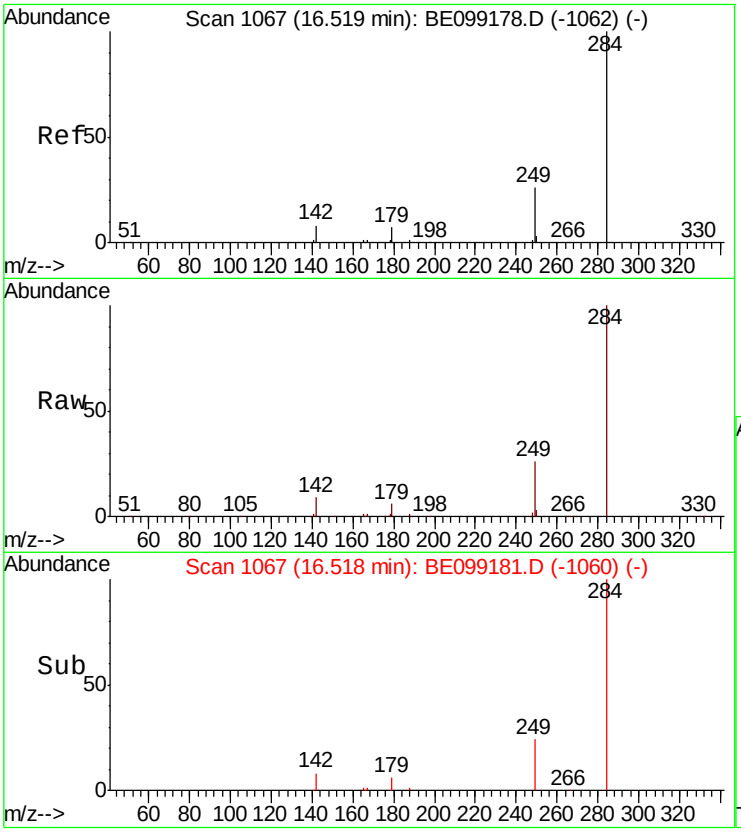


#20
4-Bromophenyl-phenylether
Concen: 3.883 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:248 Resp: 71383

Ion	Ratio	Lower	Upper
248	100		
250	106.9	84.2	126.2
141	24.7	21.8	32.6



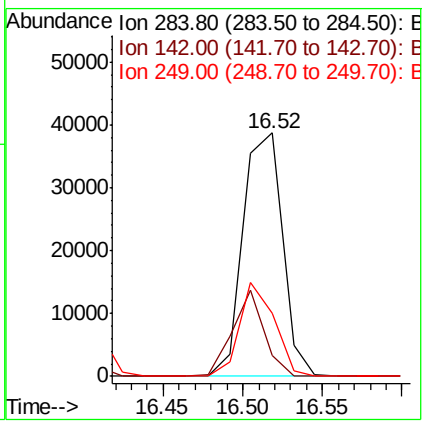


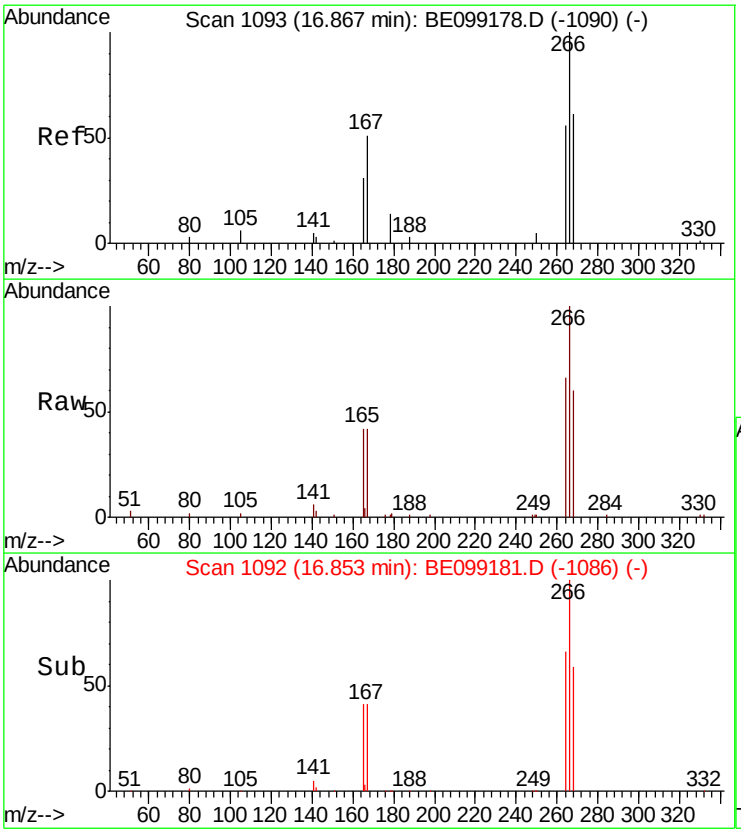
#21
Hexachlorobenzene
Concen: 3.878 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 66206

Ion	Ratio	Lower	Upper
284	100		
142	28.7	22.7	34.1
249	34.0	26.9	40.3

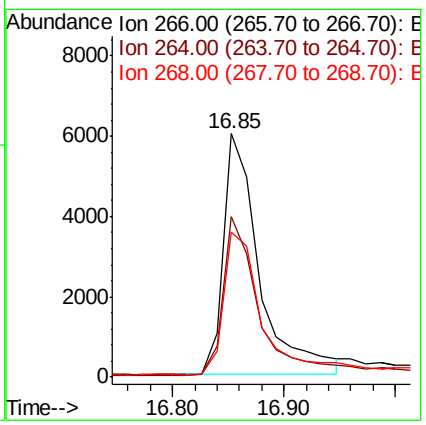


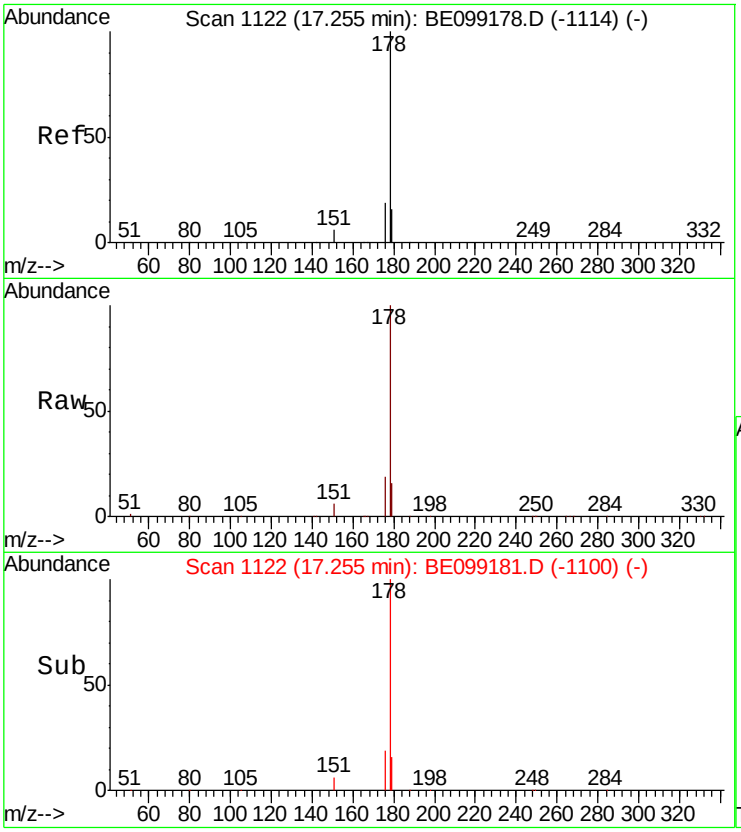


#22
Pentachlorophenol
Concen: 2.194 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:266 Resp: 13587

Ion	Ratio	Lower	Upper
266	100		
264	65.9	54.4	81.6
268	59.7	61.3	91.9#



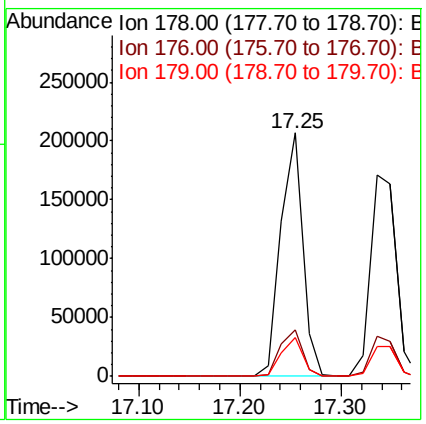


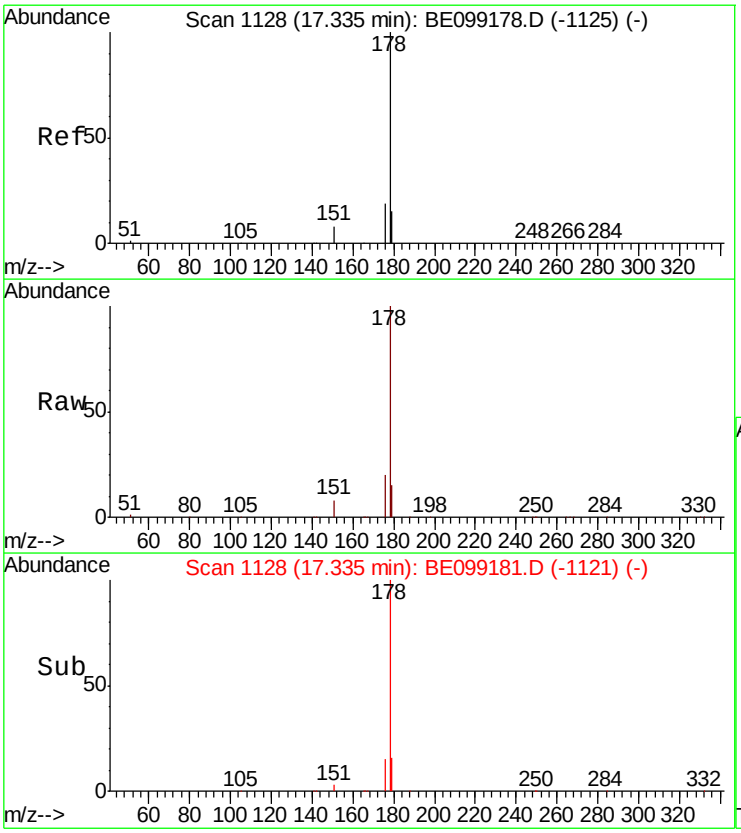
#23
Phenanthrene
Concen: 3.143 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 309952

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.3	18.5

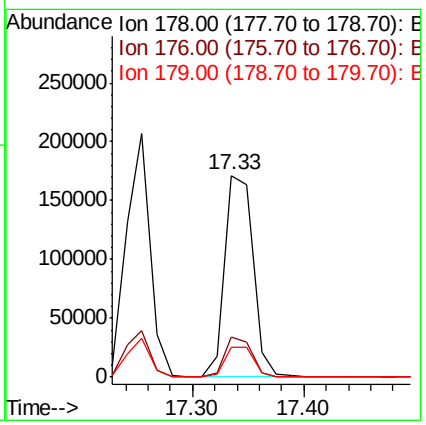


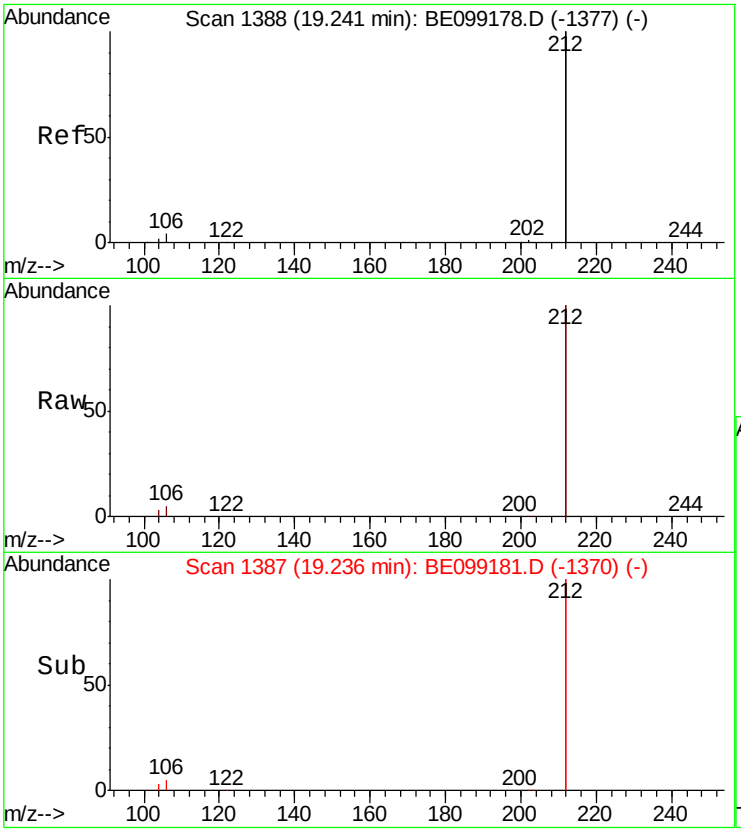


#24
Anthracene
Concen: 3.230 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:178 Resp: 301375

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.4	18.6



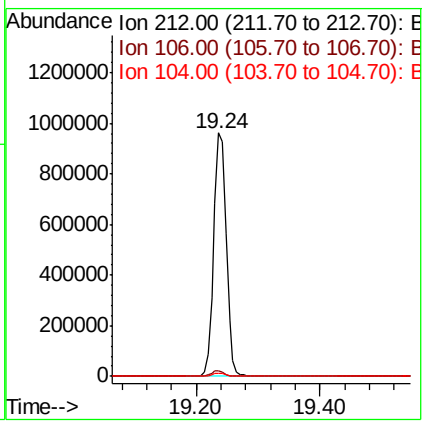


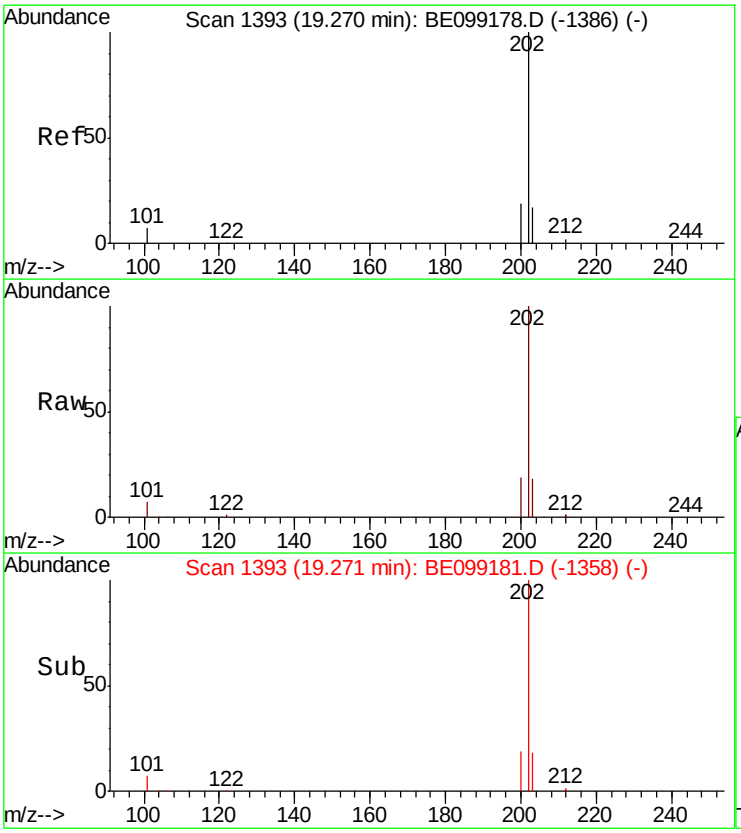
#25
Fluoranthene-d10
Concen: 3.027 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1341017

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.1	1.7

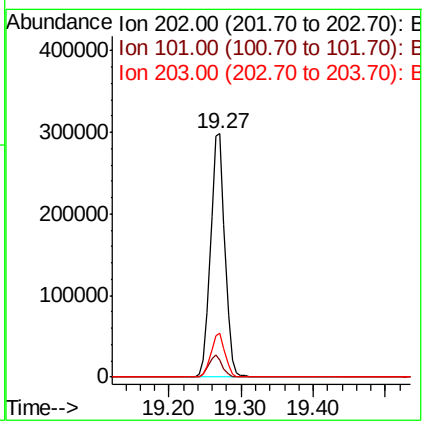


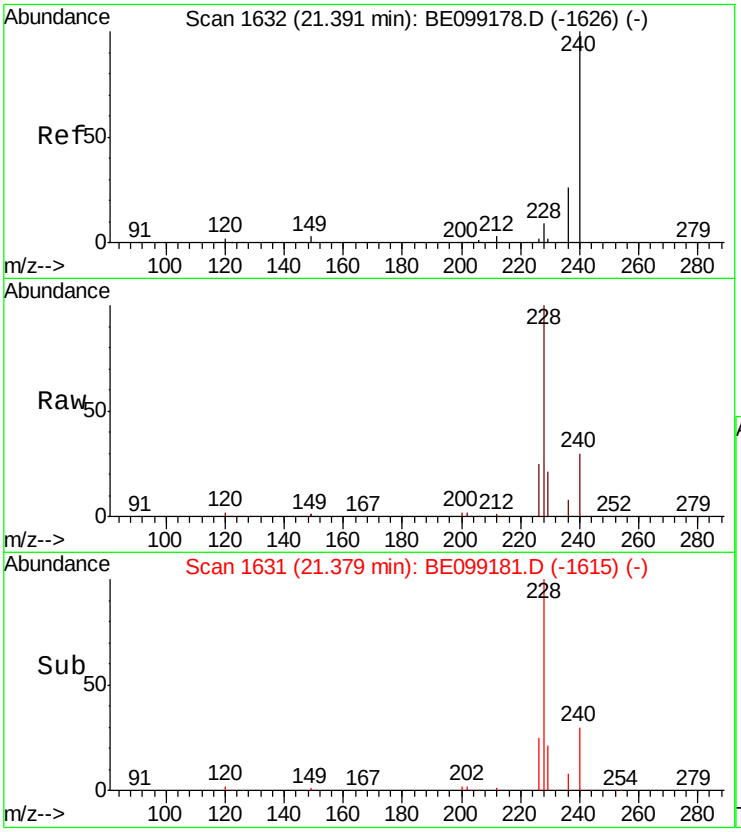


#26
Fluoranthene
Concen: 2.963 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:202 Resp: 411156

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
203	17.5	13.8	20.6



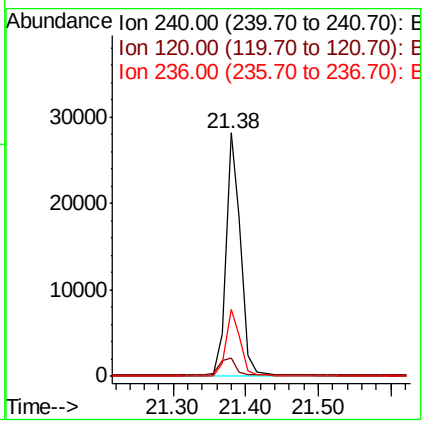


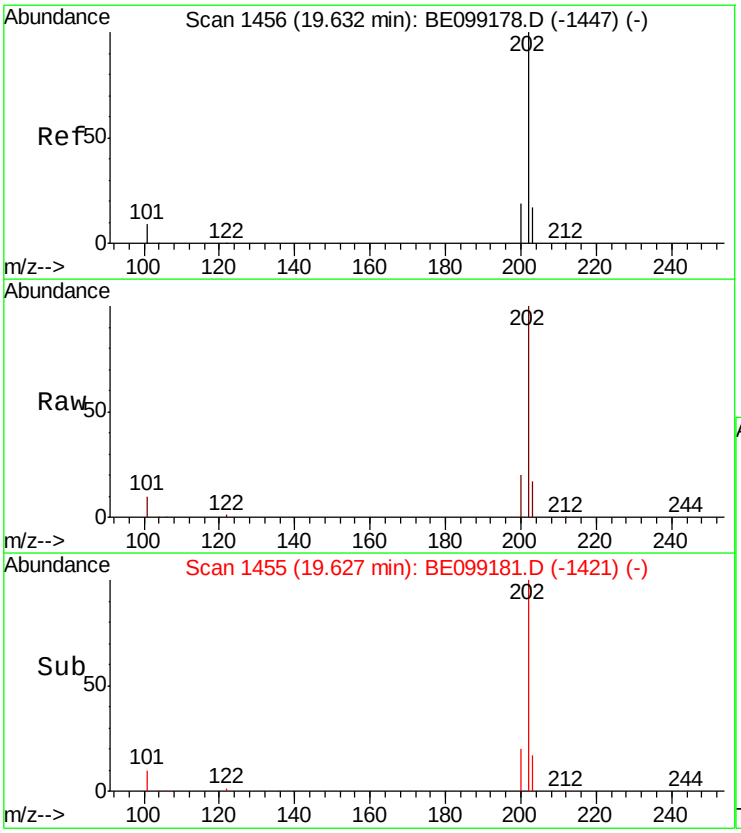
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 40091

Ion	Ratio	Lower	Upper
240	100		
120	7.7	2.6	3.8#
236	27.6	20.9	31.3

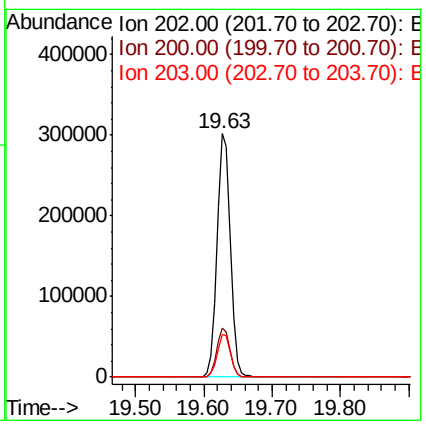


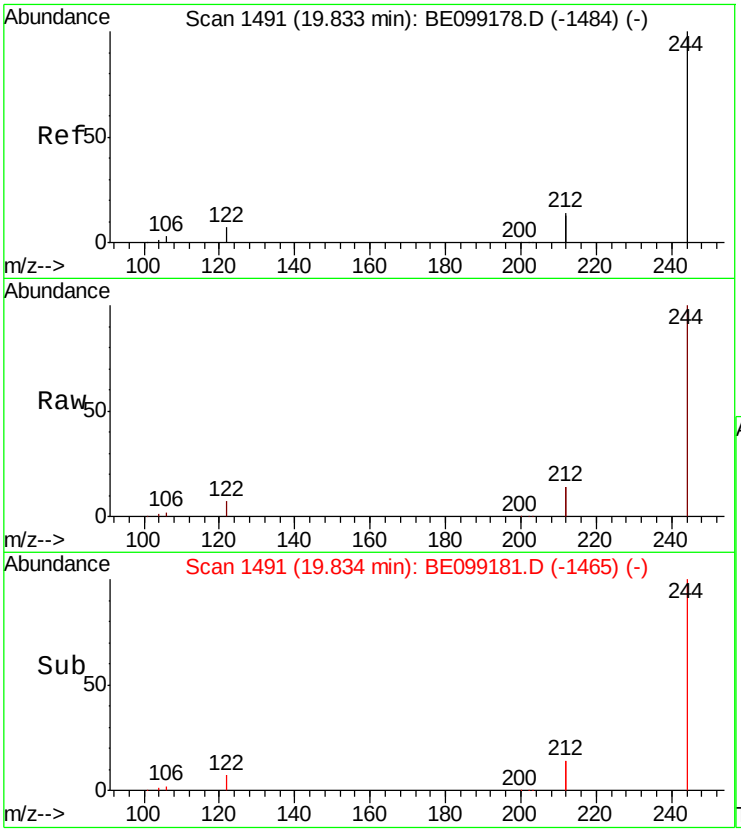


#28
Pyrene
Concen: 3.063 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:202 Resp: 416478

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.8	23.8
203	17.6	14.1	21.1



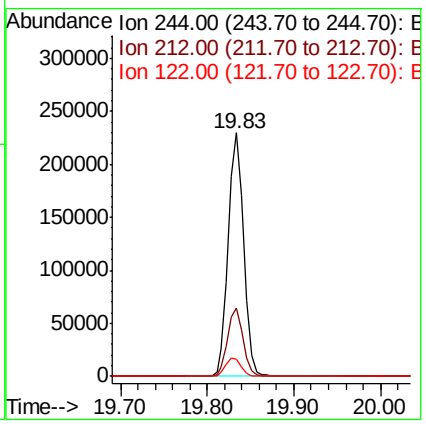


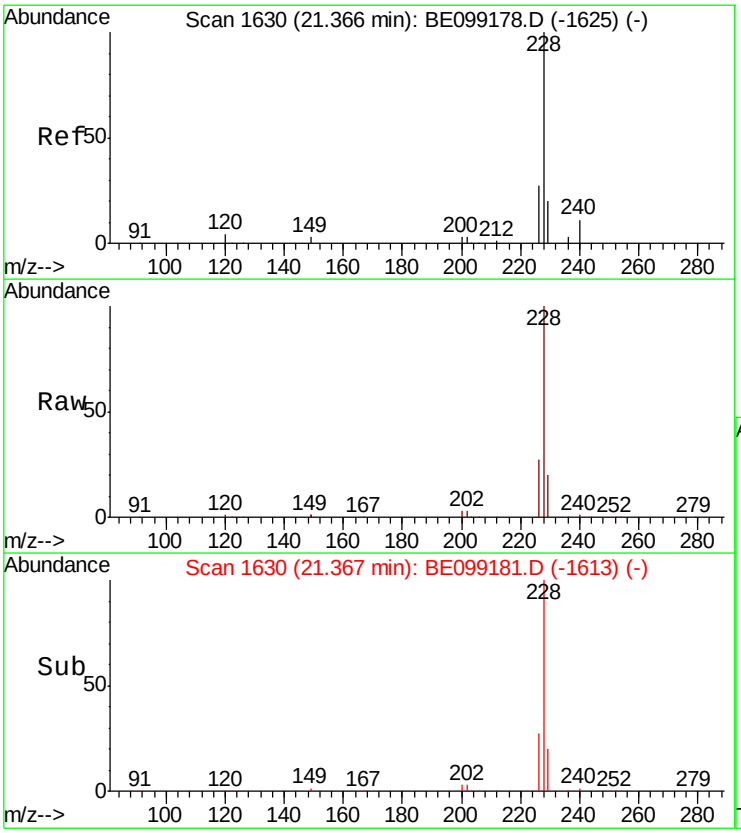
#29
Terphenyl-d14
Concen: 3.296 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 279602

Ion	Ratio	Lower	Upper
244	100		
212	27.9	22.7	34.1
122	6.8	5.8	8.6

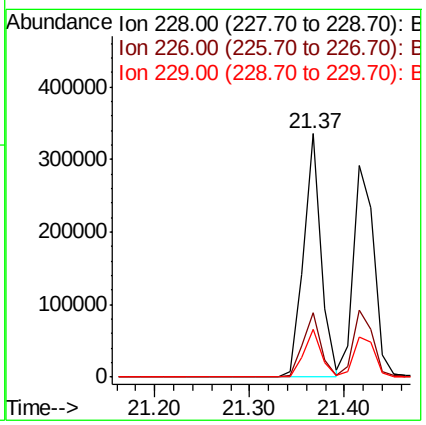


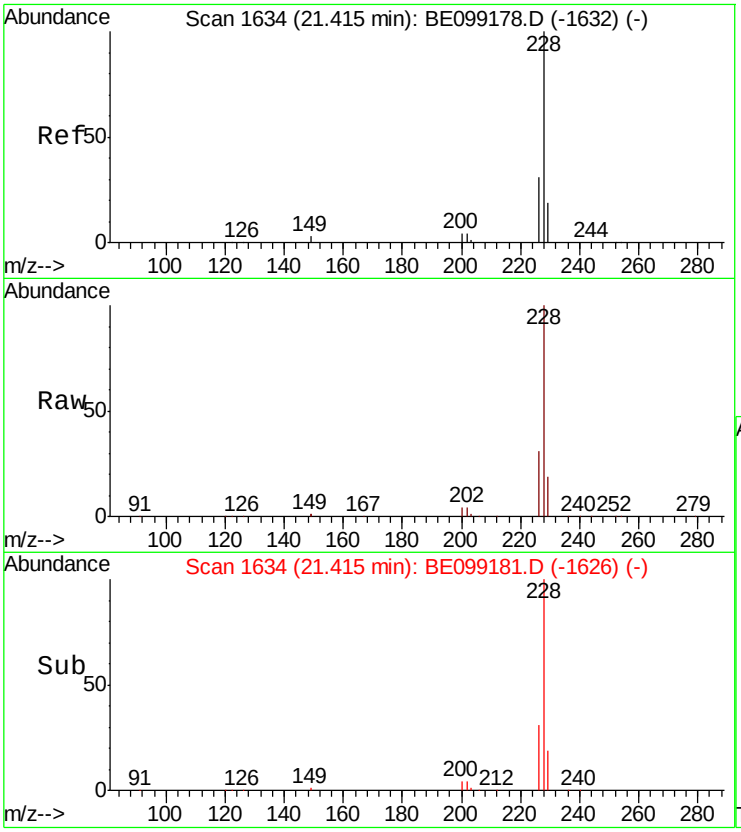


#30
Benzo(a)anthracene
Concen: 3.031 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:228 Resp: 428107

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.9	15.9	23.9



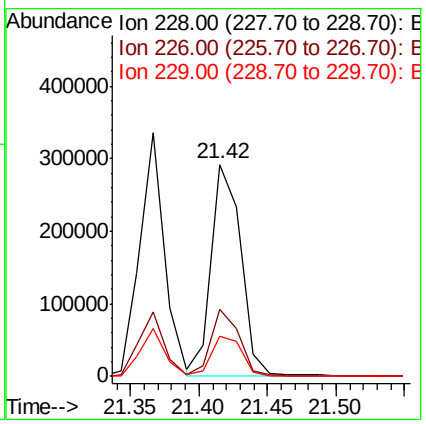


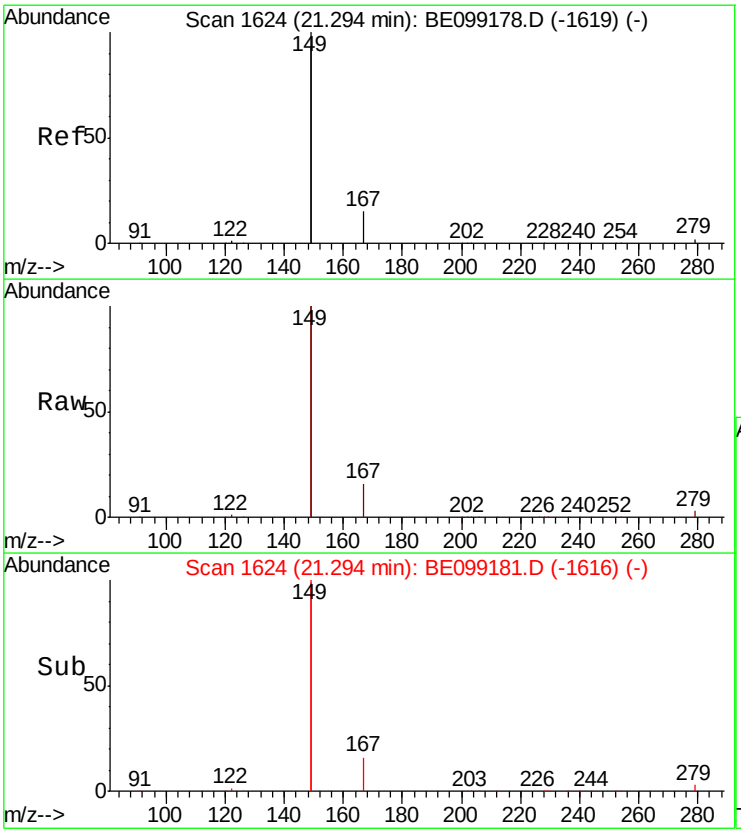
#31
Chrysene
Concen: 3.111 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 439086

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	19.0	15.4	23.0

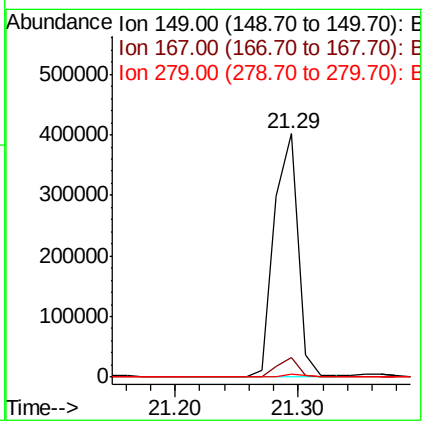


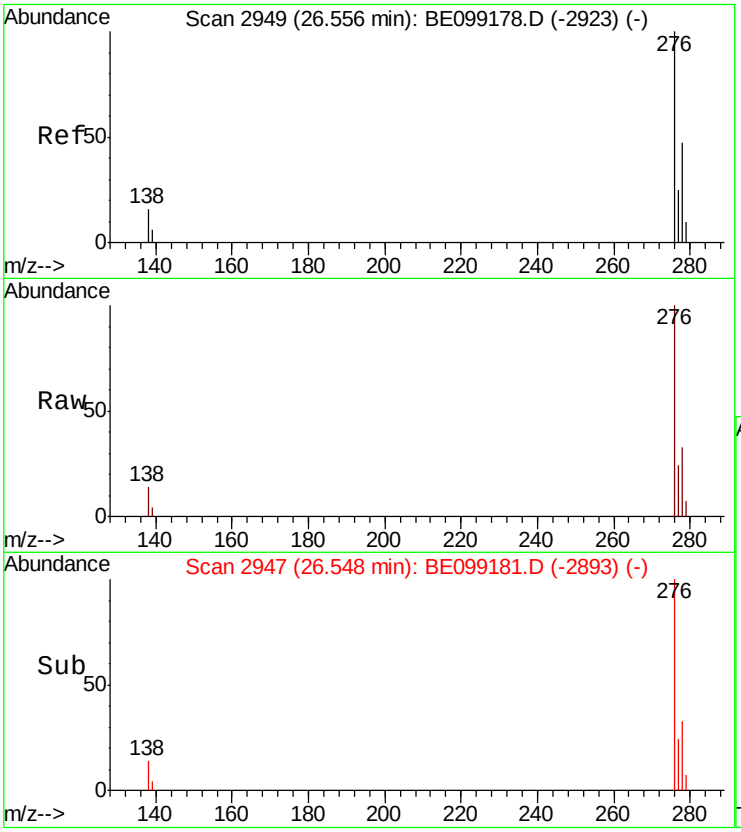


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.957 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:149 Resp: 542019

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.2	1.0	1.6



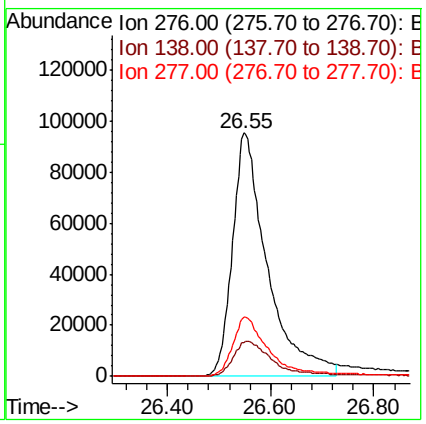


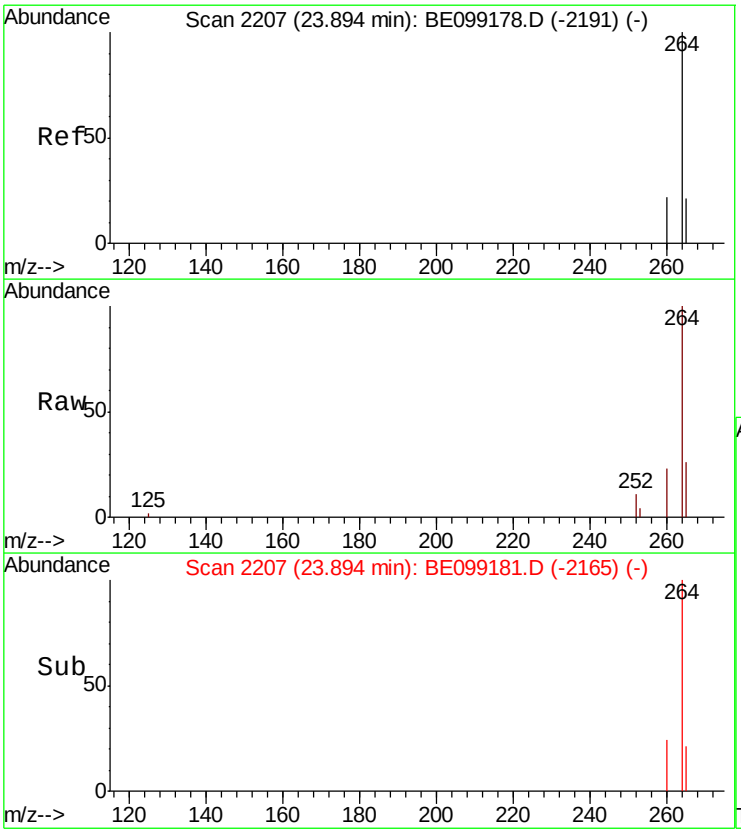
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.946 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 447071

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.9	19.3
277	24.7	18.3	27.5

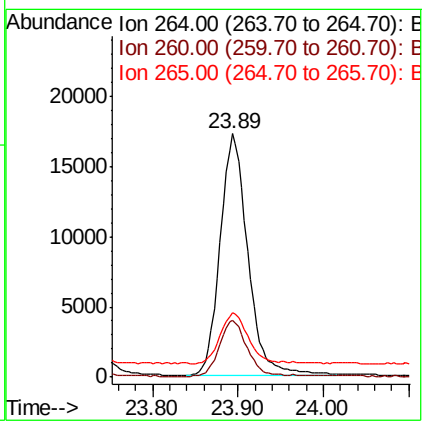


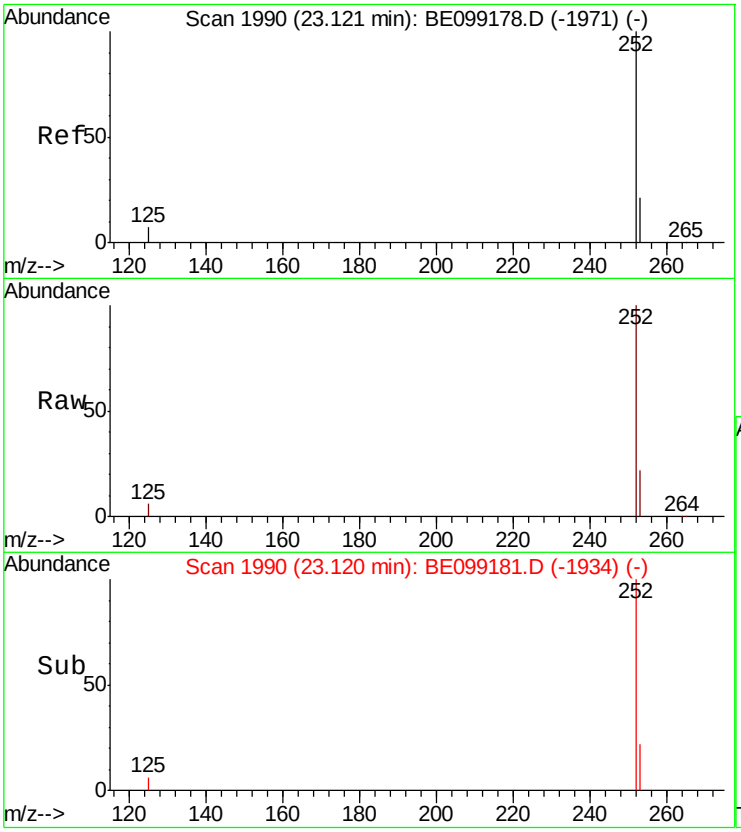


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:264 Resp: 38923

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	26.4	21.8	32.8



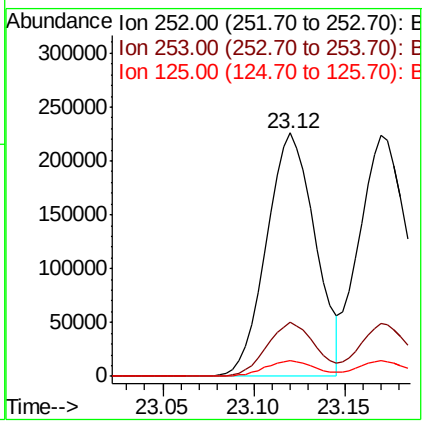


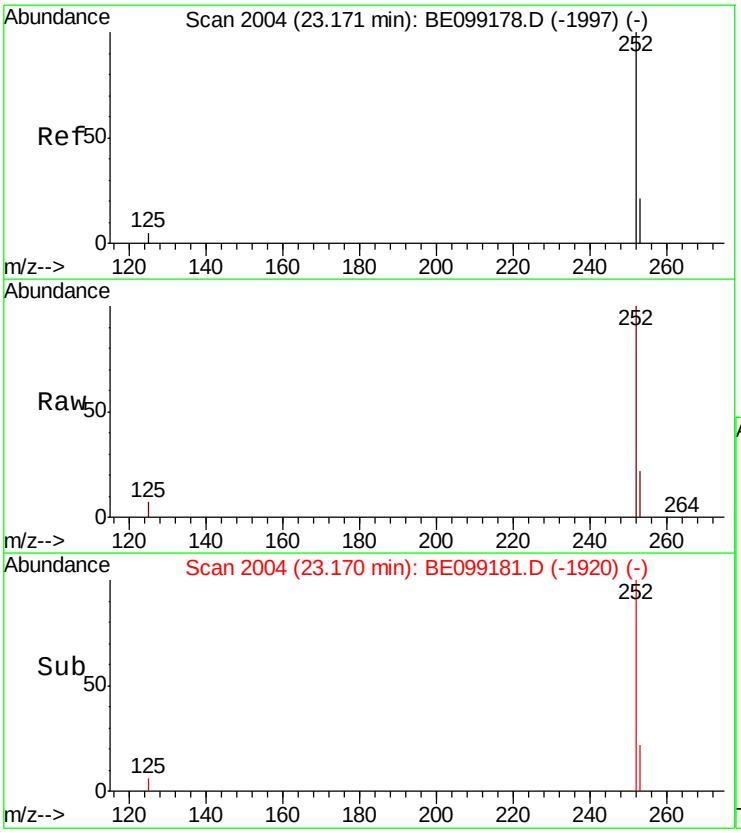
#35
Benzo(b)fluoranthene
Concen: 3.107 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 418401

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	6.5	6.1	9.1

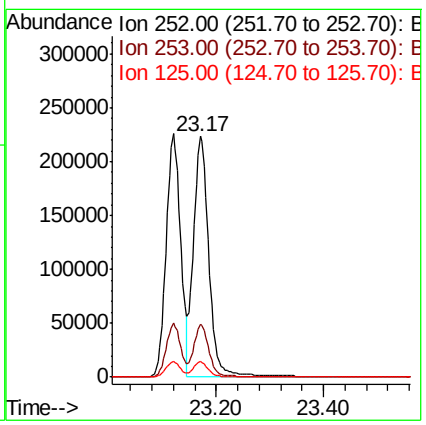


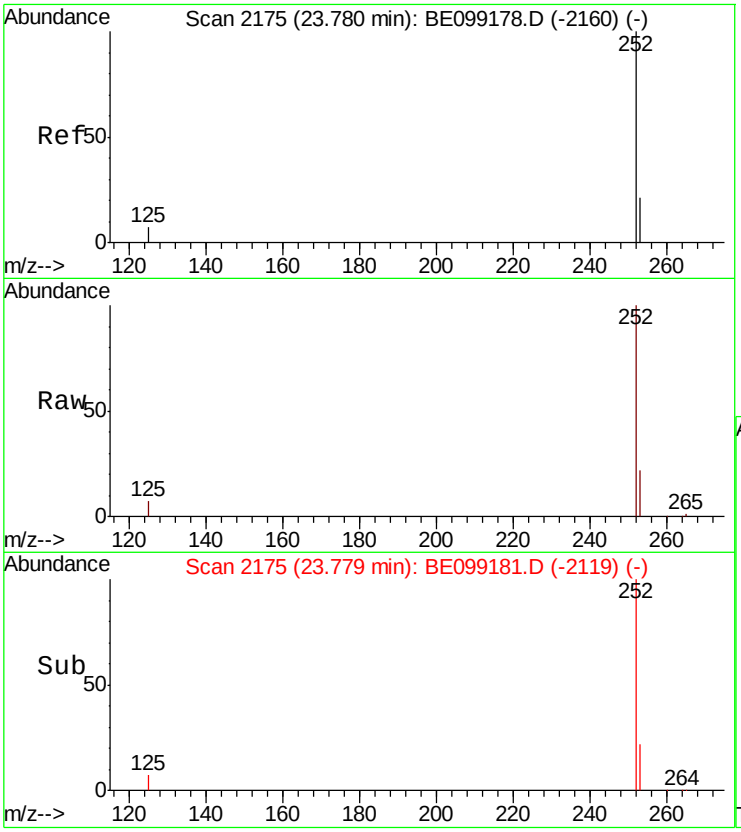


#36
Benzo(k)fluoranthene
Concen: 3.335 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:252 Resp: 440009

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	6.5	5.9	8.9



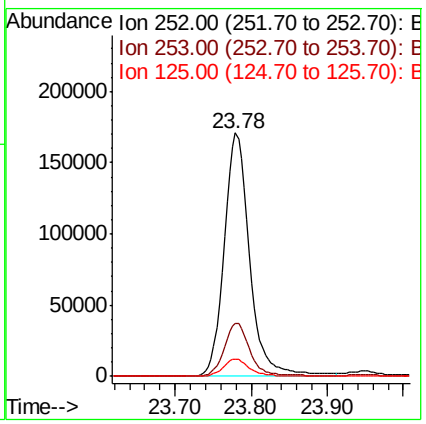


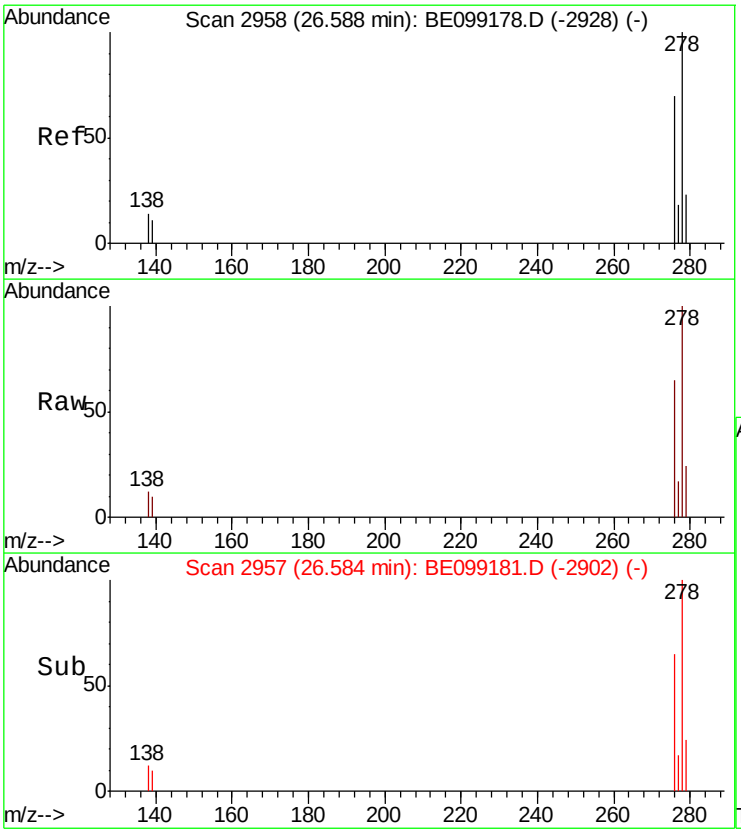
#37
Benzo(a)pyrene
Concen: 3.167 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 394176

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	7.2	6.8	10.2

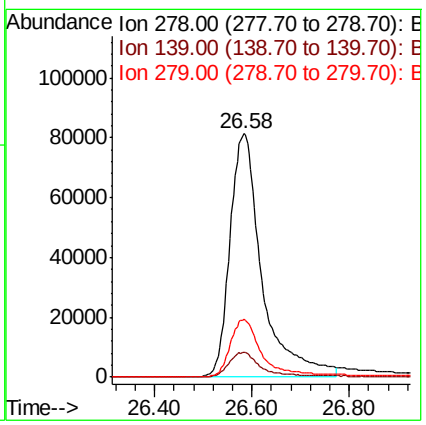


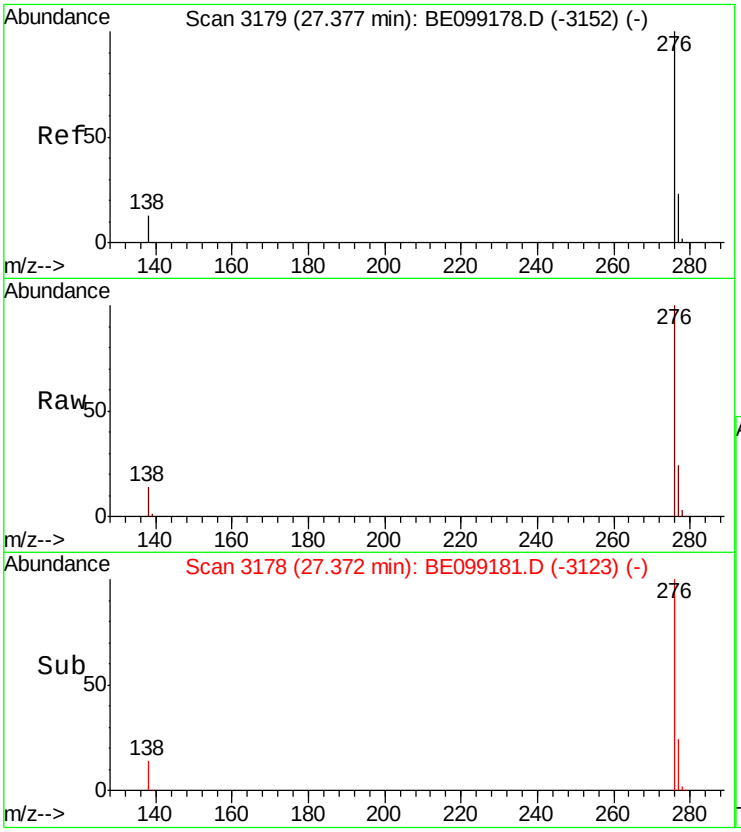


#38
Dibenzo(a,h)anthracene
Concen: 3.081 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:278 Resp: 372826

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.5	14.3
279	23.9	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 2.939 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 365294

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	14.0	11.1	16.7