Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
Data File : BE099238.D
Acq On : 27 Mar 2019 6:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 27 14:14:47 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	7.83	152	4916	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	22920	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	16991	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	43883	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	49865	0.40	ng		-0.01
34) Perylene-d12	23.89	264	46061	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	4836	0.33	ng		-0.01
5) Phenol-d6	6.99	99	7807	0.35	ng		0.00
8) Nitrobenzene-d5	8.99	82	6135	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	15028	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1882	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	23543	0.34	ng		0.00
25) Fluoranthene-d10	19.24	212	183350	0.34	ng		0.00
29) Terphenyl-d14	19.83	244	36131	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2138	0.330	ng		98
3) n-Nitrosodimethylamine	3.67	42	1081	0.298	ng	#	87
6) bis(2-Chloroethyl)ether	7.25	93	5895	0.334	ng		100
9) Naphthalene	10.68	128	92860	0.344	ng		100
10) Hexachlorobutadiene	10.95	225	4941	0.343	ng		98
12) 2-Methylnaphthalene	12.30	142	16720	0.346	ng		98
16) Acenaphthylene	14.20	152	27630	0.319	ng		100
17) Acenaphthene	14.54	154	17424	0.336	ng		99
18) Fluorene	15.50	166	24208	0.332	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	9057	0.320	ng	#	79
21) Hexachlorobenzene	16.50	284	9155	0.335	ng		98
22) Pentachlorophenol	16.85	266	1390	0.577	ng		95
23) Phenanthrene	17.24	178	42820	0.332	ng		99
24) Anthracene	17.33	178	36497	0.313	ng		99
26) Fluoranthene	19.26	202	54452	0.331	ng		99
28) Pyrene	19.63	202	55831	0.337	ng		100
30) Benzo(a)anthracene	21.37	228	53369	0.324	ng		98
31) Chrysene	21.41	228	59395	0.338	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	57536	0.293	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	38184	0.229	ng	#	91
35) Benzo(b)fluoranthene	23.17	252	55670	0.367	ng		98
36) Benzo(k)fluoranthene	23.17	252	55670	0.347	ng		98
37) Benzo(a)pyrene	23.78	252	47555	0.336	ng	#	94
38) Dibenzo(a,h)anthracene	26.57	278	27519	0.219	ng	#	84
39) Benzo(g,h,i)perylene	27.36	276	30265	0.240	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032619\
Data File : BE099238.D
Acq On : 27 Mar 2019 6:51
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 14:14:47 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
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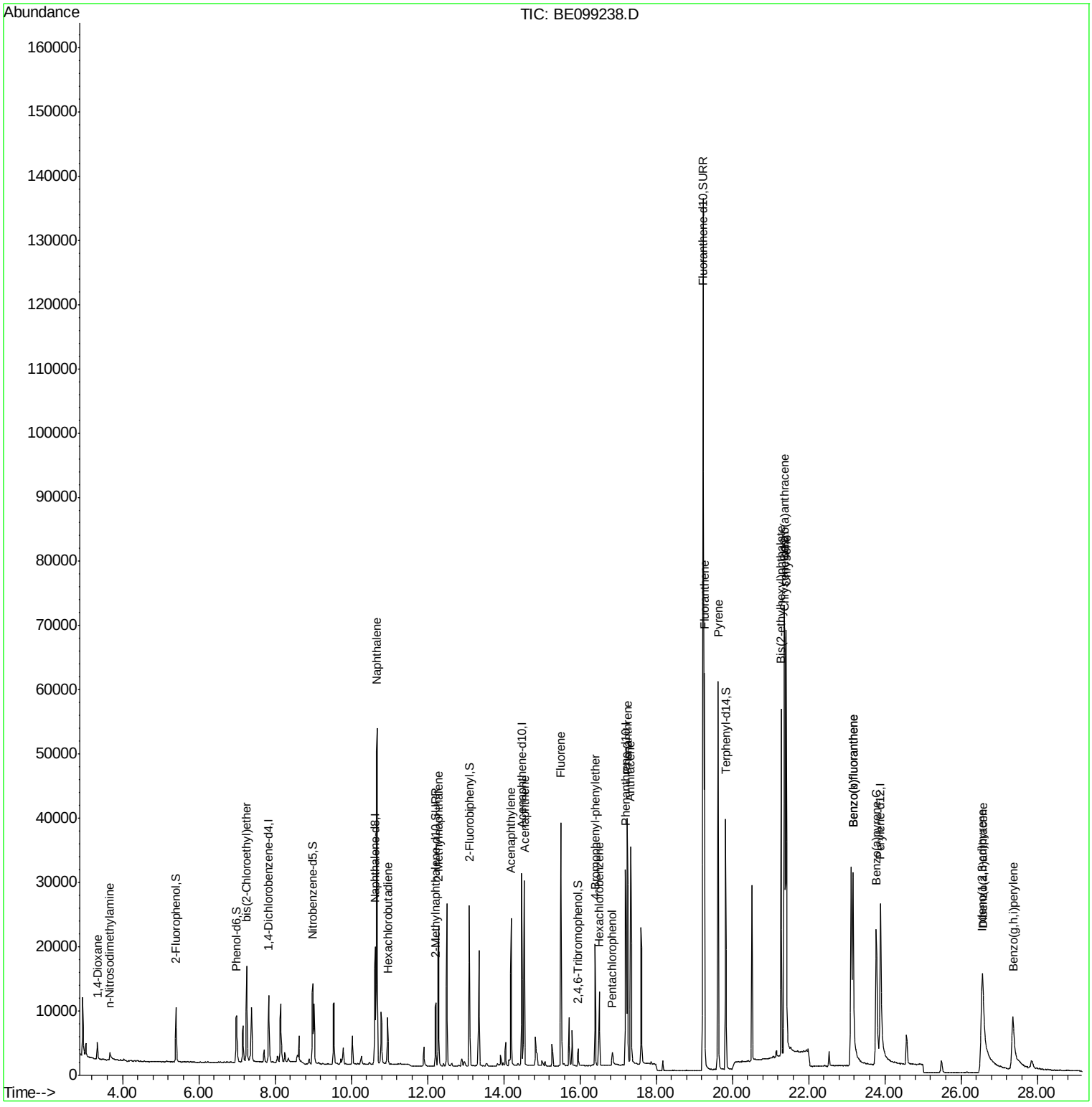
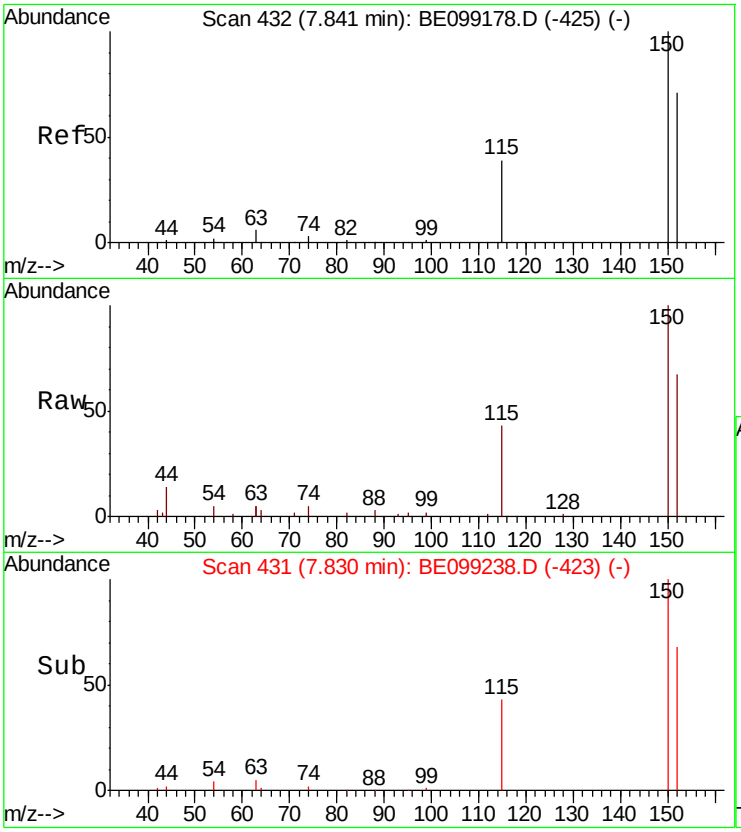


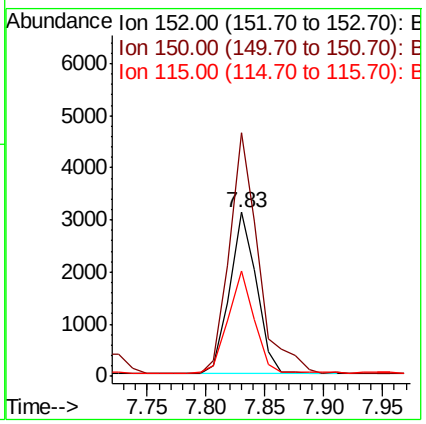


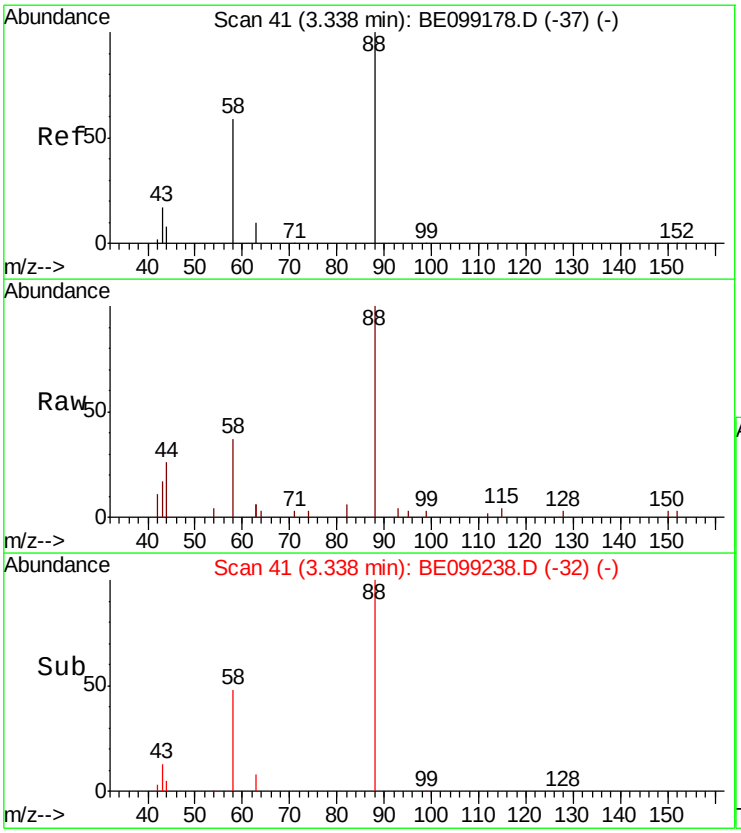
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4916

Ion	Ratio	Lower	Upper
152	100		
150	148.6	112.8	169.2
115	64.0	45.1	67.7

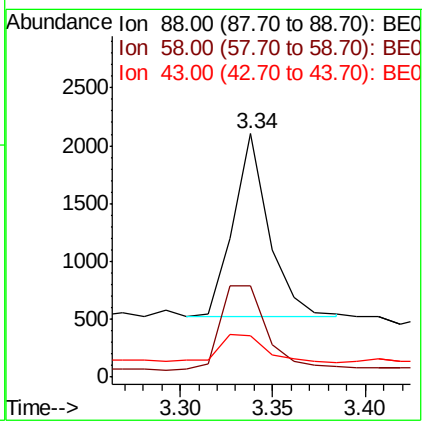


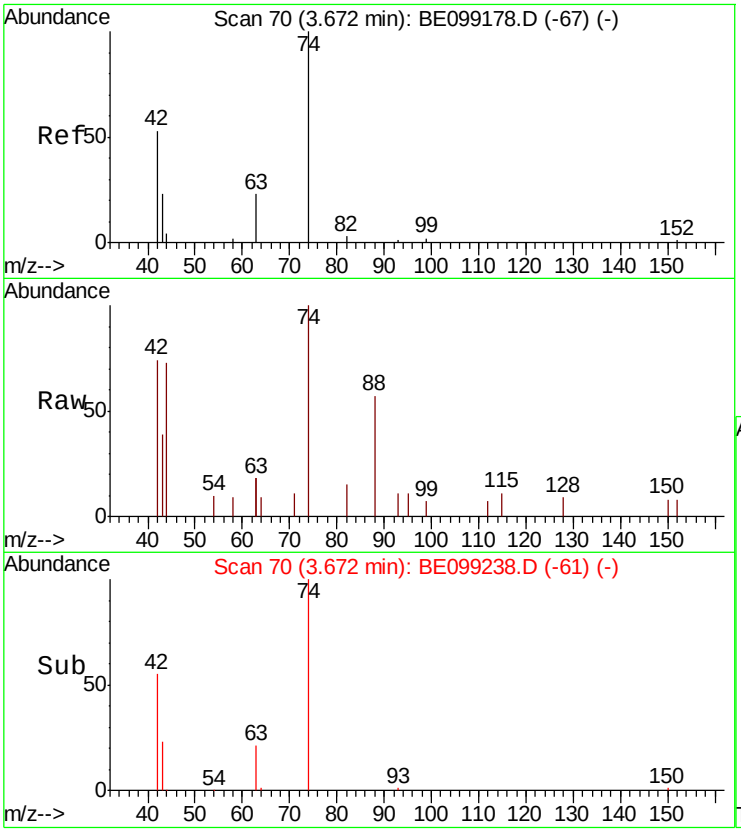


#2
1,4-Dioxane
Concen: 0.330 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion: 88 Resp: 2138

Ion	Ratio	Lower	Upper
88	100		
58	60.3	47.4	71.0
43	21.1	15.6	23.4



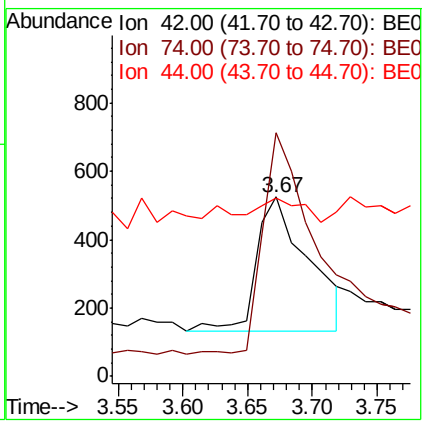


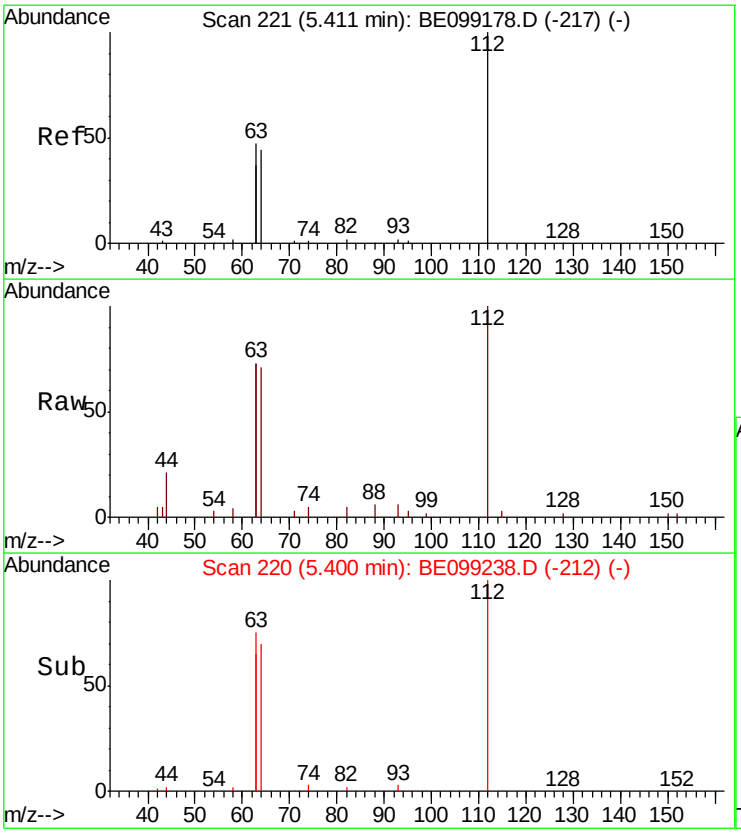
#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1081

Ion	Ratio	Lower	Upper
42	100		
74	155.2	138.6	207.8
44	13.8	15.0	22.6#

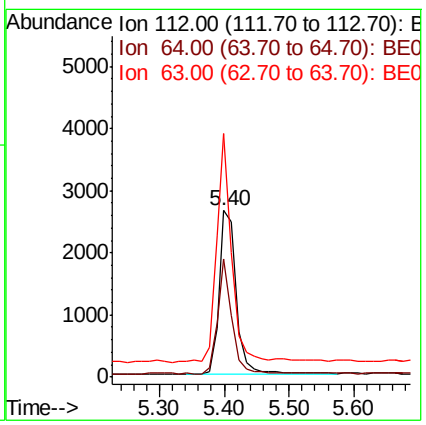


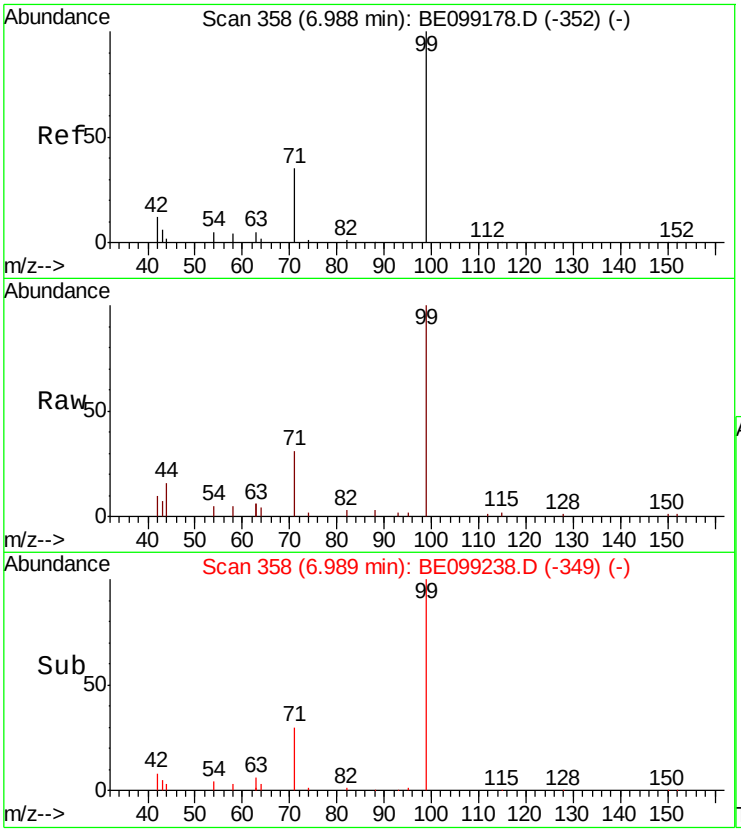


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:112 Resp: 4836

Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.2	69.2
63	119.4	89.9	134.9



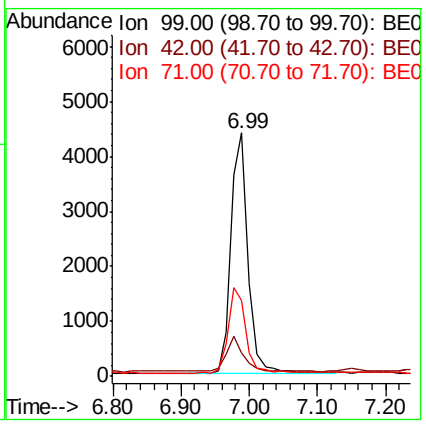


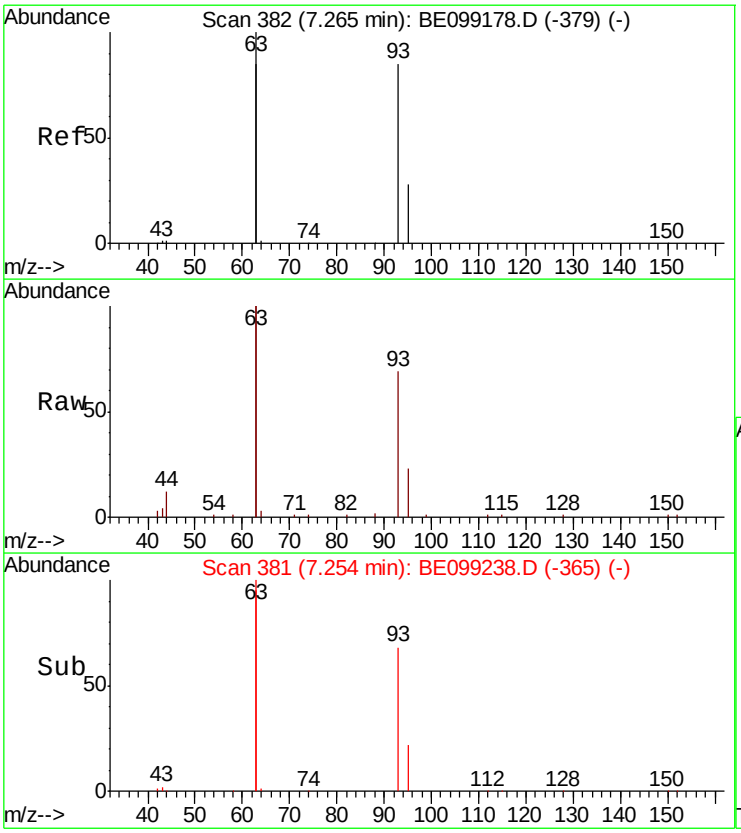
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7807

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.4	18.6
71	36.1	28.4	42.6

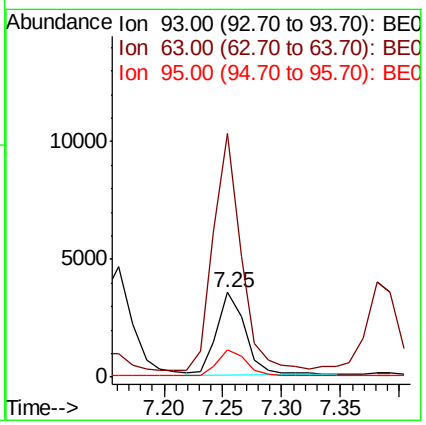


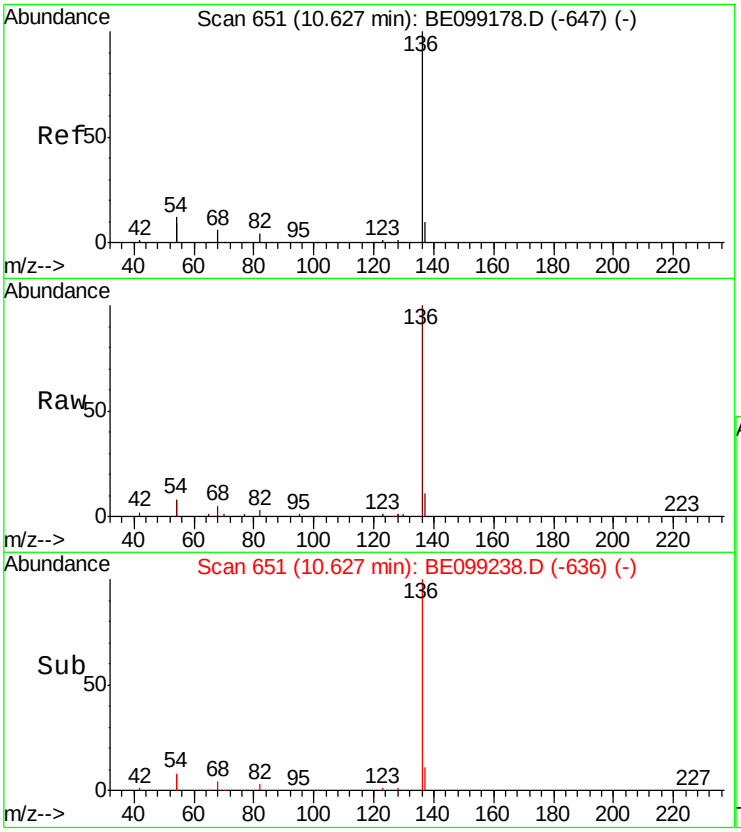


#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion: 93 Resp: 5895

Ion	Ratio	Lower	Upper
93	100		
63	276.4	221.4	332.0
95	33.5	25.8	38.8



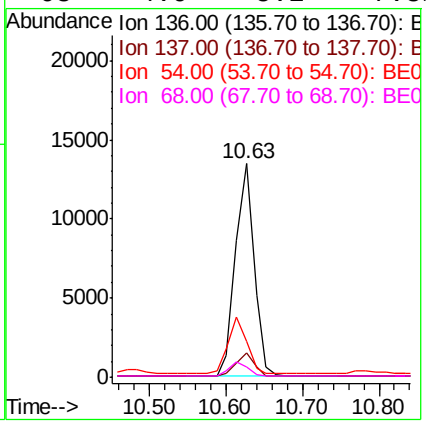


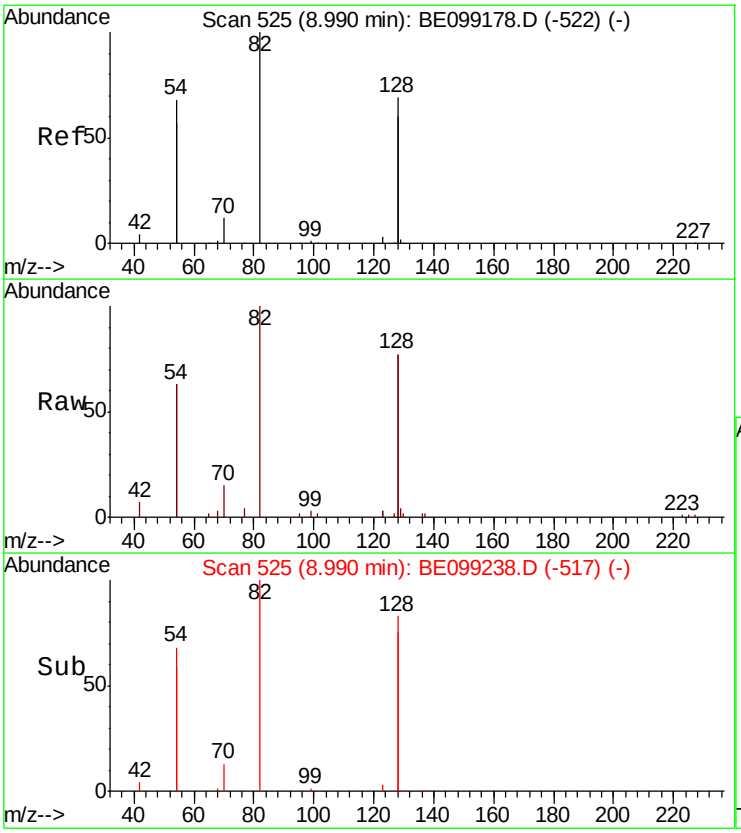
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 22920

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	16.8	18.7	28.1#
68	4.9	5.2	7.8#

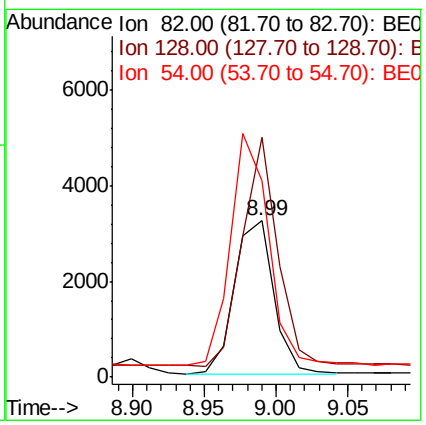


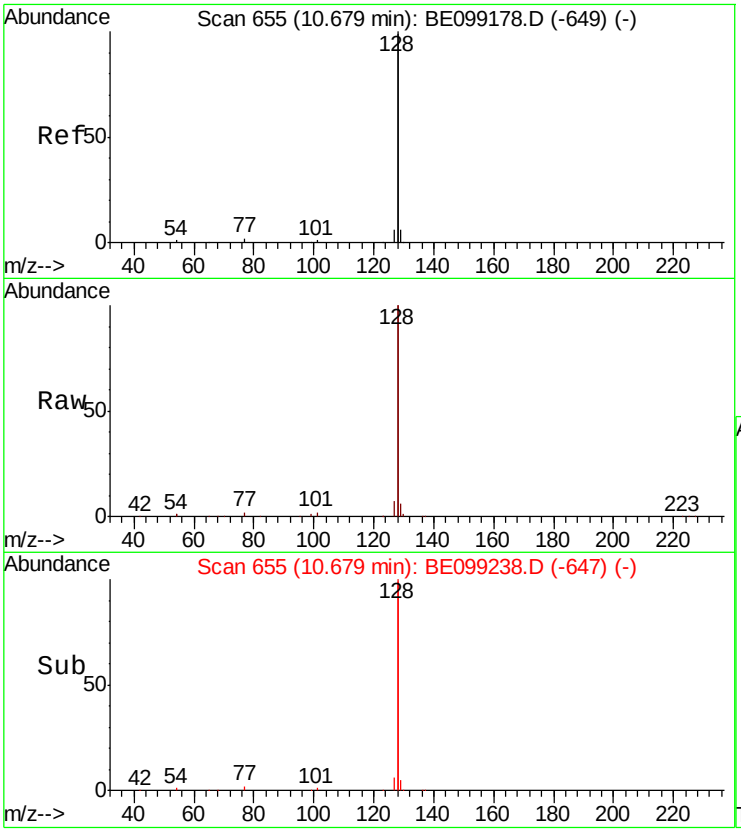


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion: 82 Resp: 6135

Ion	Ratio	Lower	Upper
82	100		
128	153.2	107.5	161.3
54	125.5	106.3	159.5



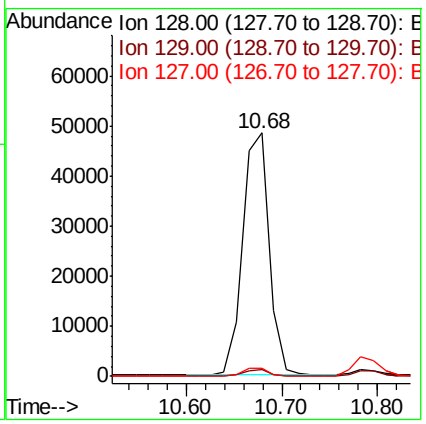


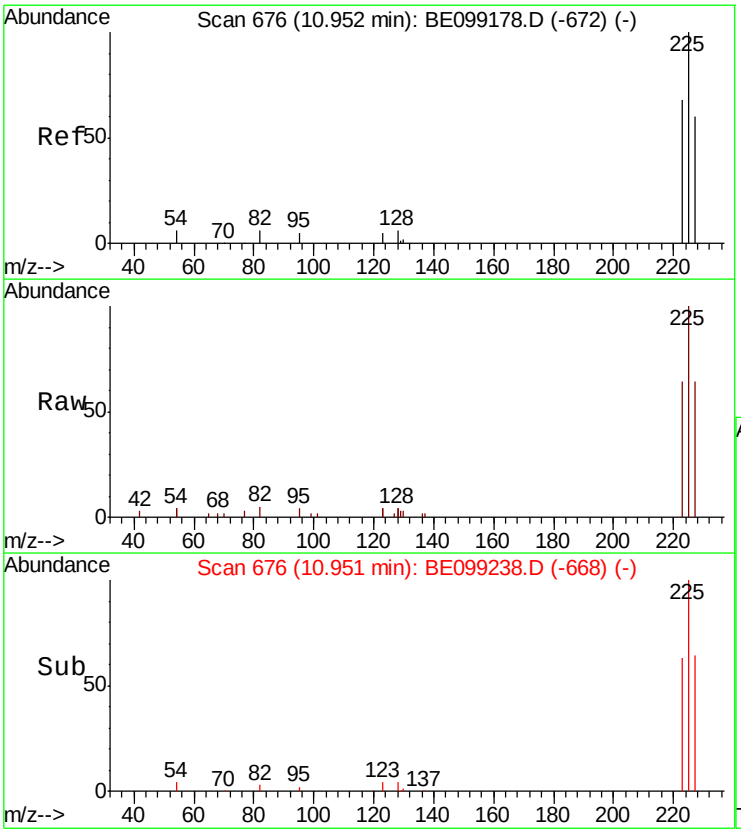
#9
Naphthalene
Concen: 0.344 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 92860

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.3	2.6	3.8

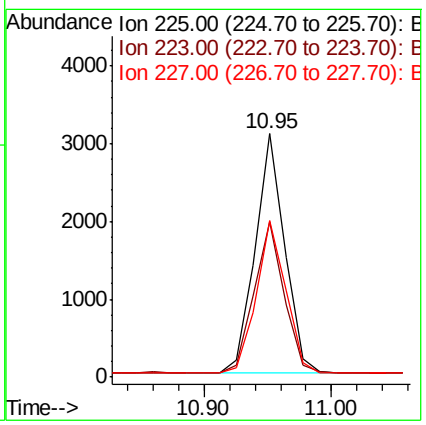


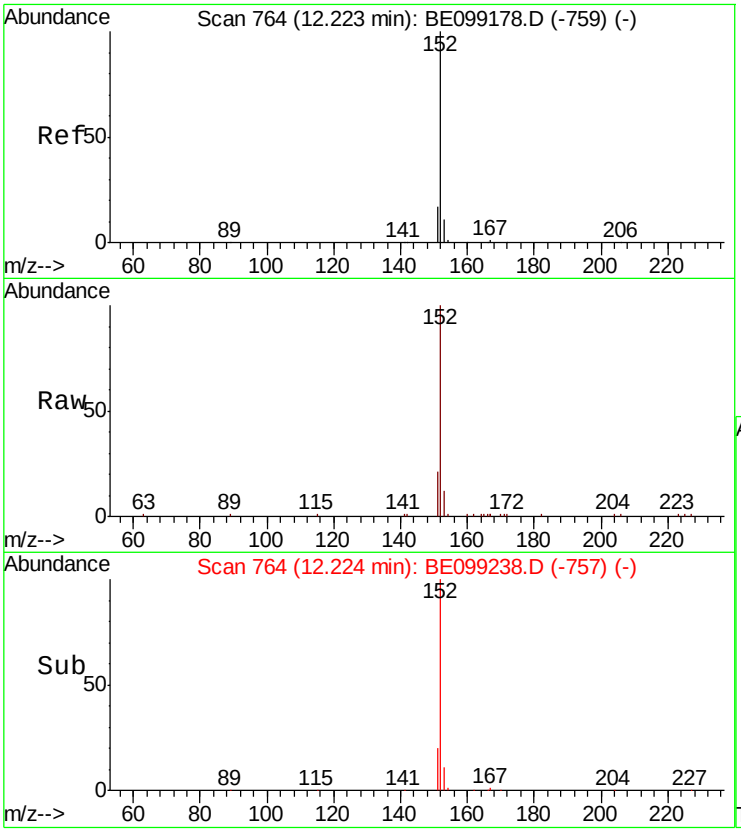


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:225 Resp: 4941

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	63.8	48.6	73.0



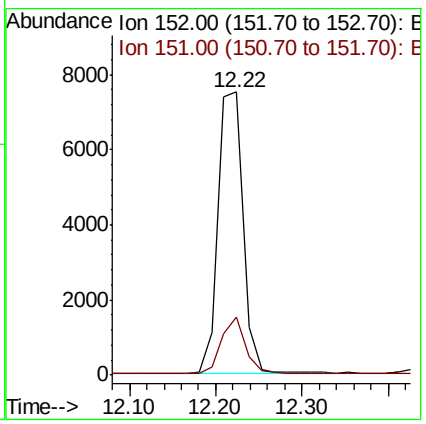


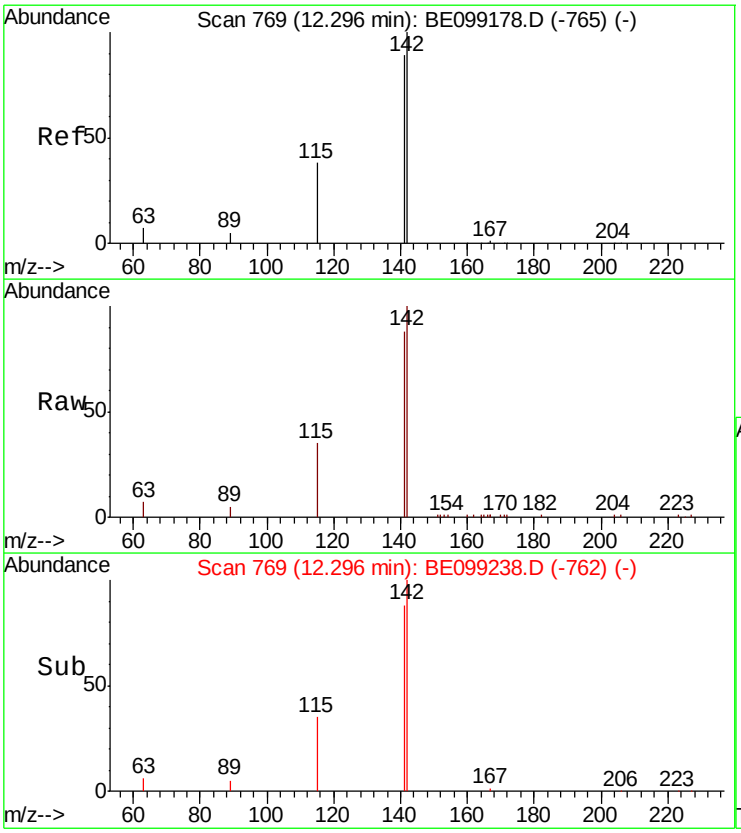
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15028

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6

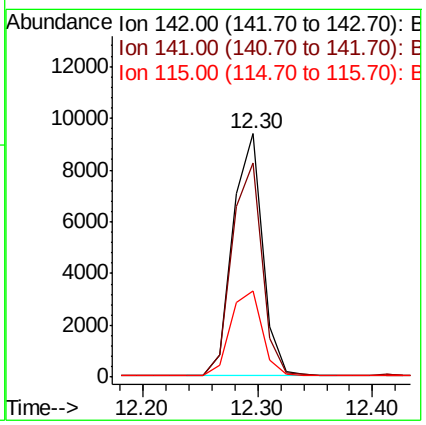


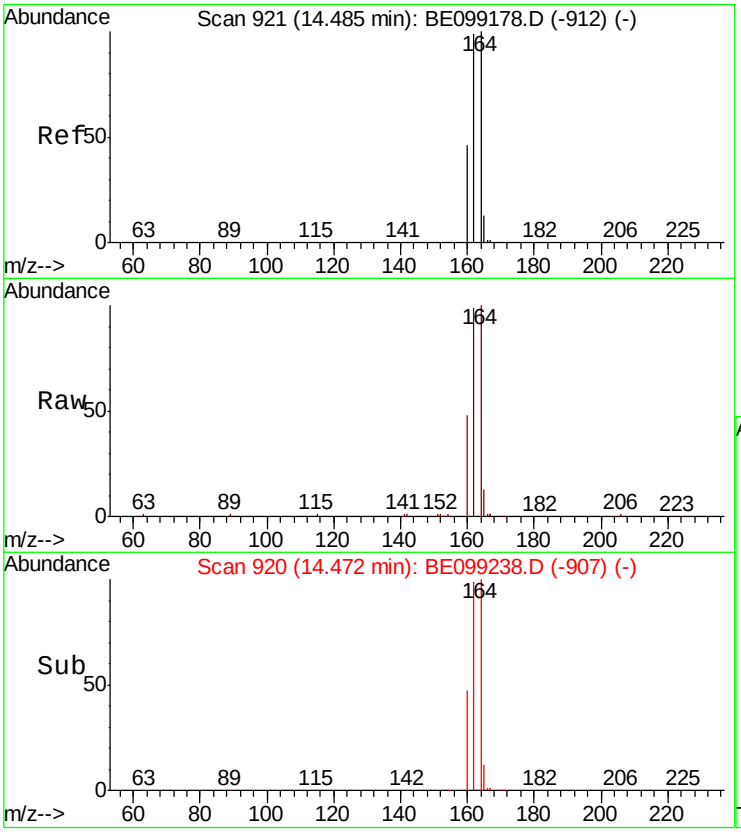


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:142 Resp: 16720

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	35.4	30.4	45.6



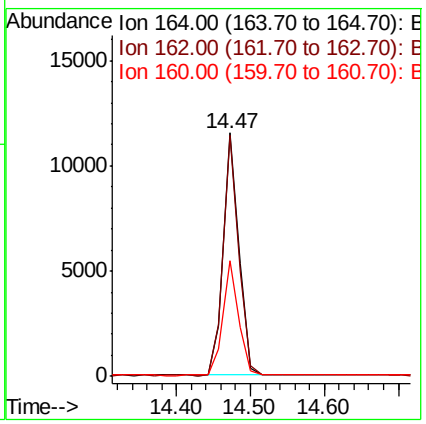


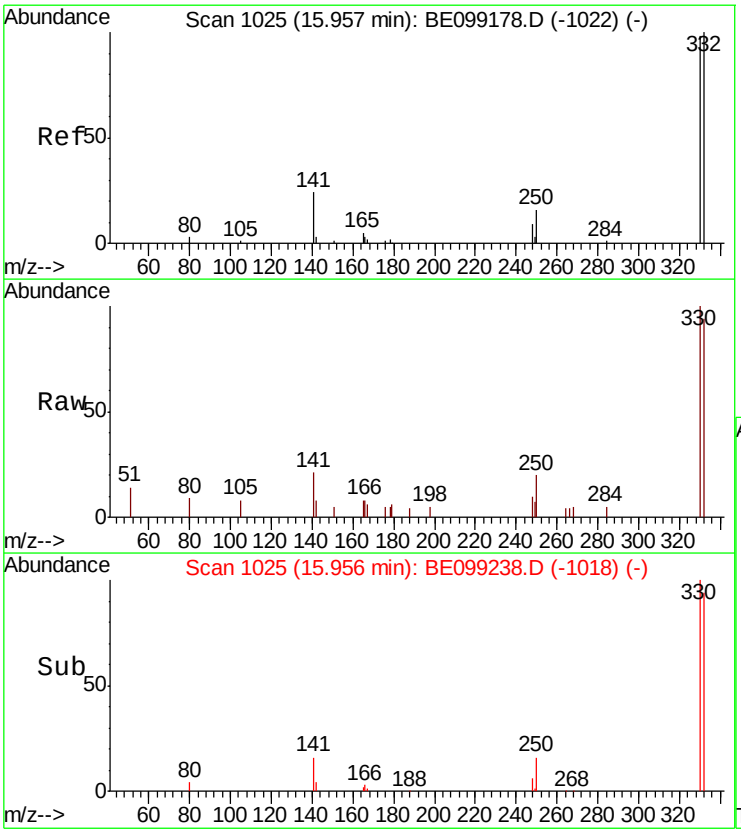
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 16991

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.2	118.8
160	47.5	36.7	55.1

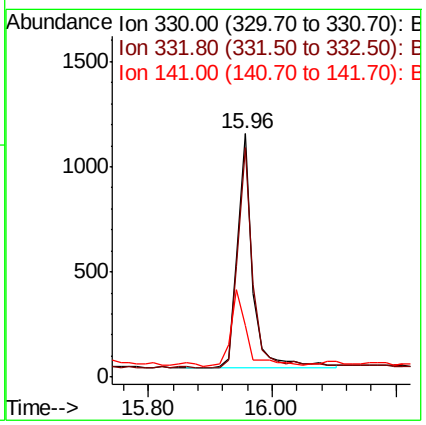


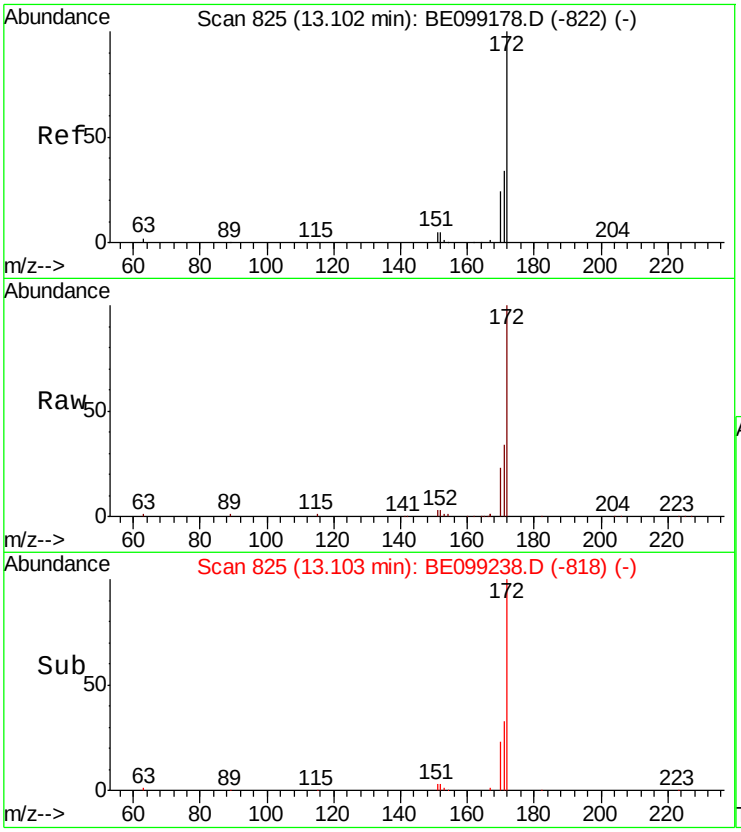


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:330 Resp: 1882

Ion	Ratio	Lower	Upper
330	100		
332	96.4	71.3	106.9
141	33.8	21.7	32.5#



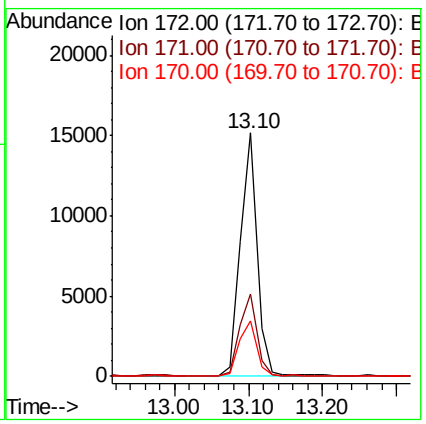


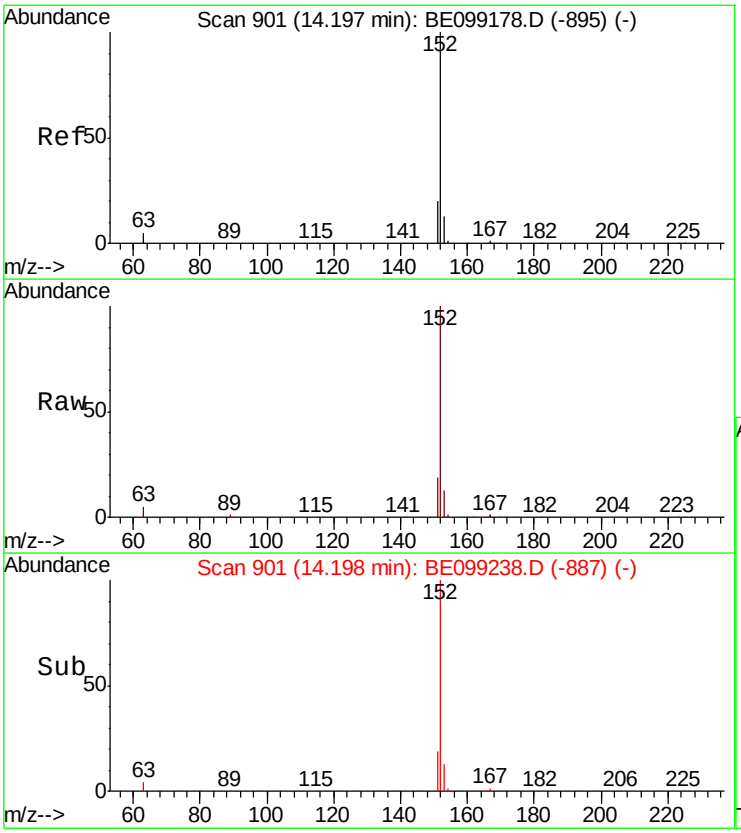
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23543

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	22.8	19.1	28.7

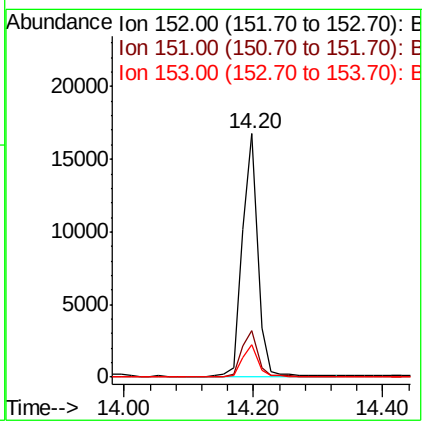


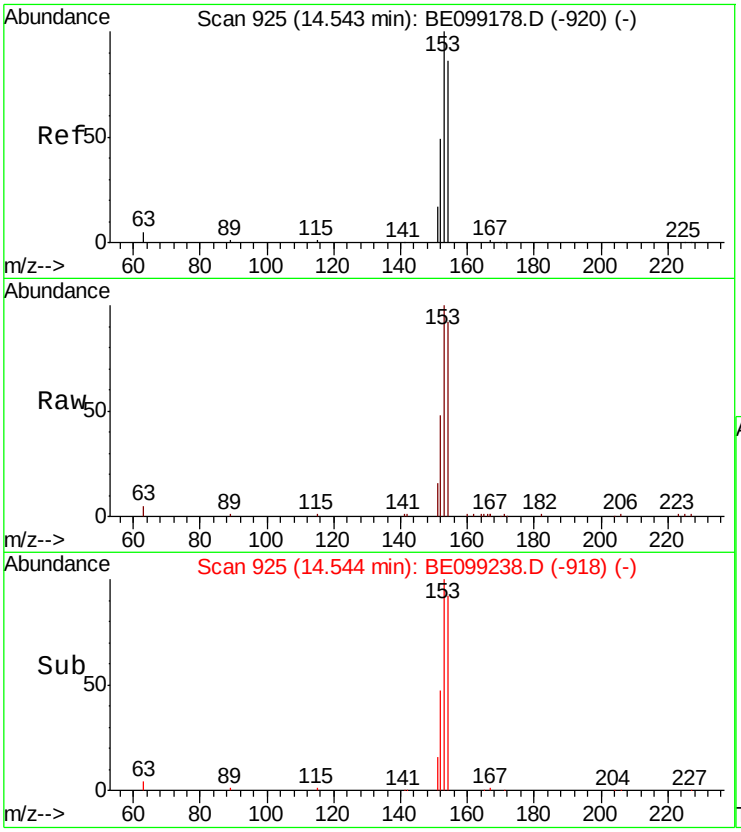


#16
Acenaphthylene
Concen: 0.319 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:152 Resp: 27630

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	15.8



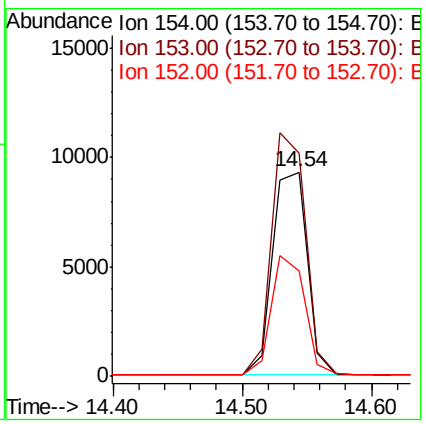


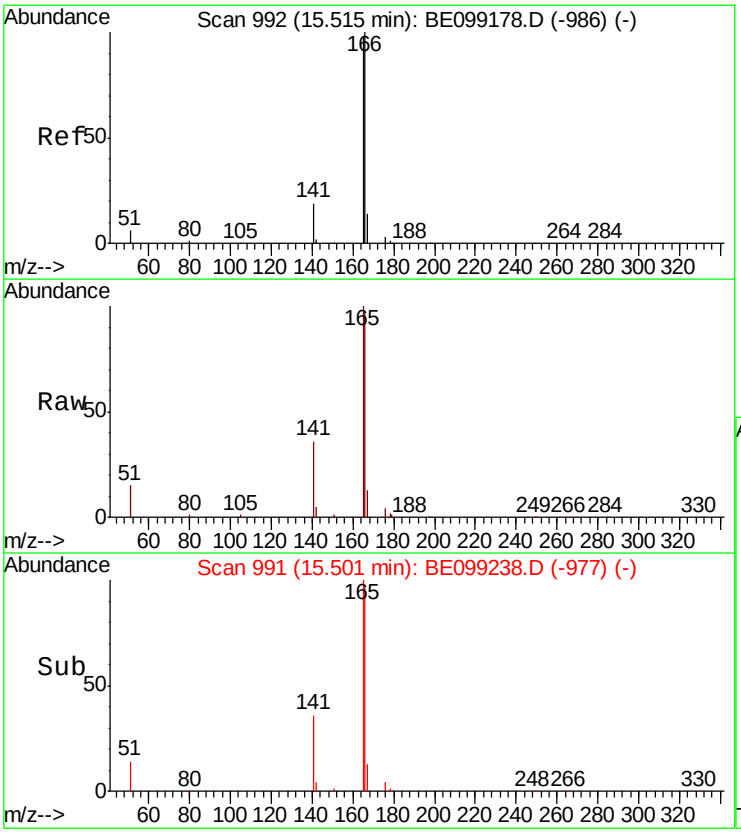
#17
Acenaphthene
Concen: 0.336 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 17424

Ion	Ratio	Lower	Upper
154	100		
153	116.8	93.4	140.0
152	56.5	46.6	69.8

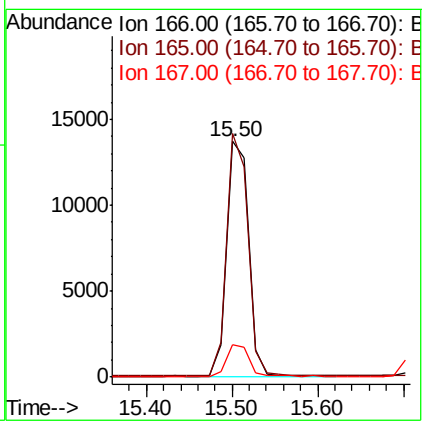


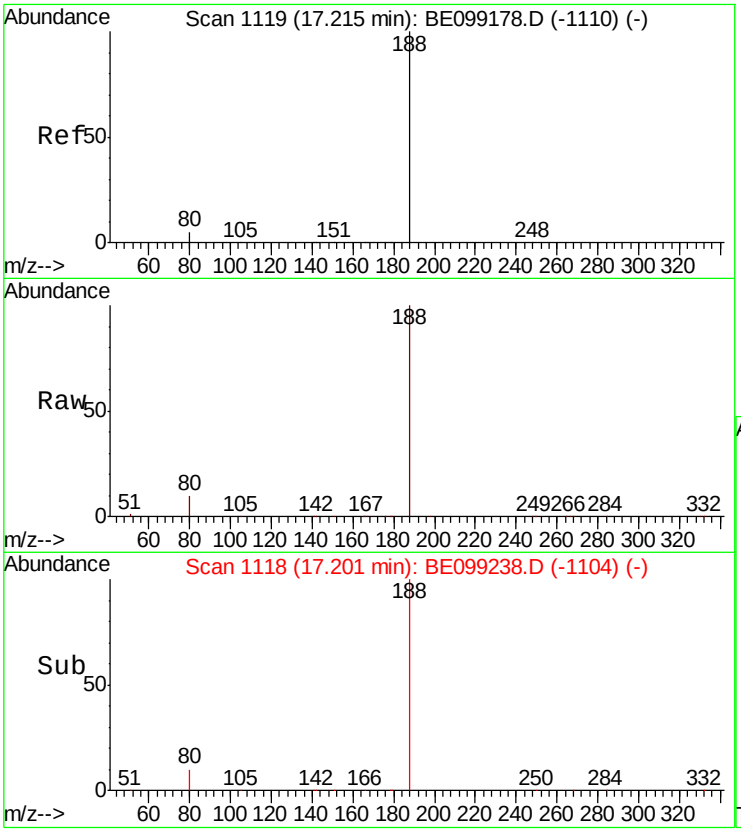


#18
Fluorene
Concen: 0.332 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:166 Resp: 24208

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	13.4	10.9	16.3



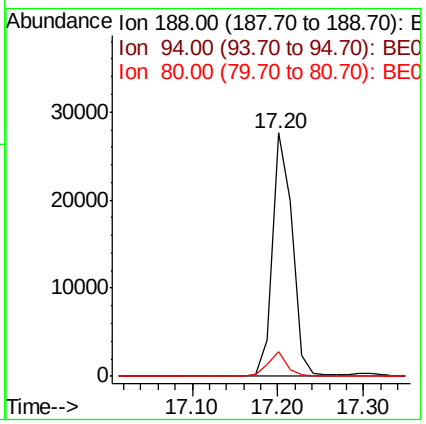


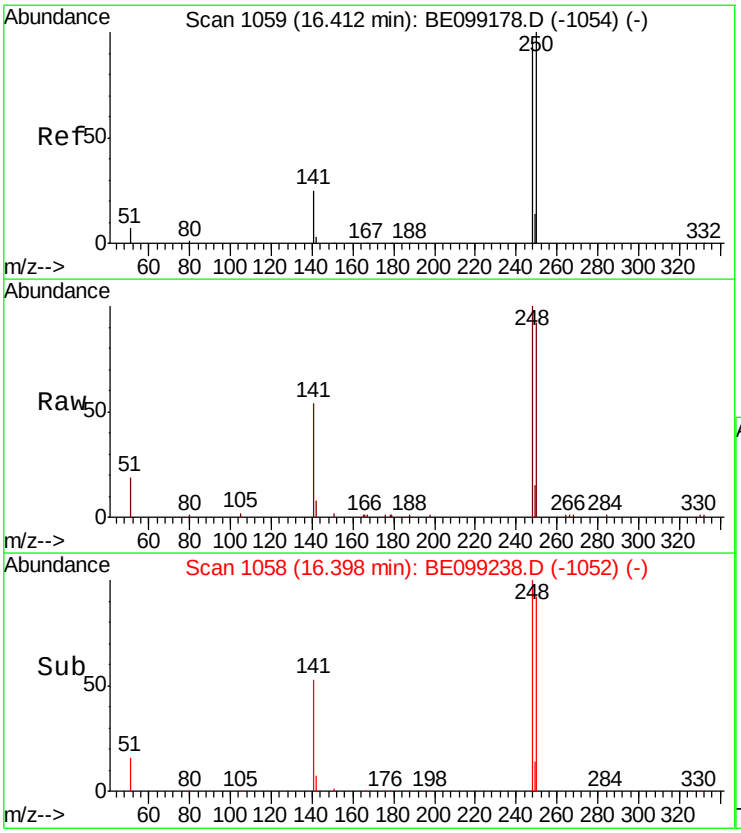
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 43883

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	4.5	6.7#

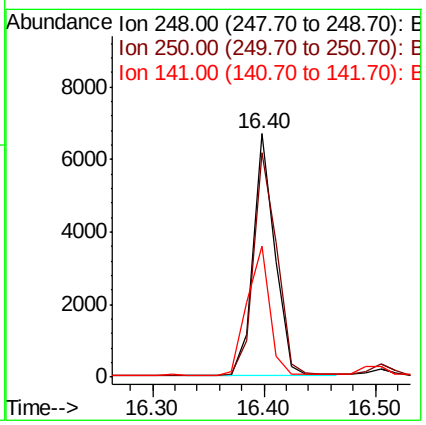


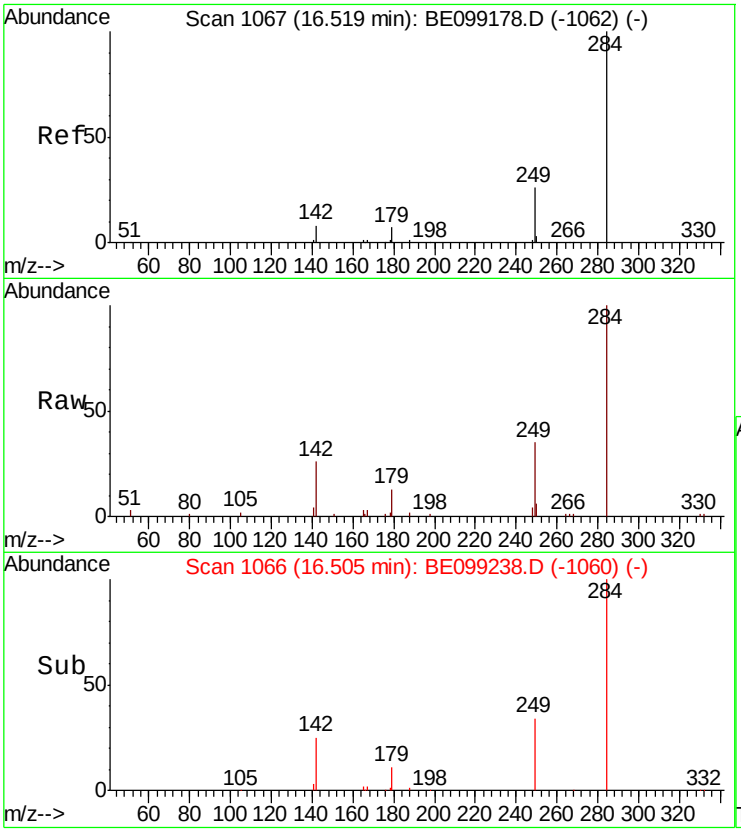


#20
4-Bromophenyl-phenylether
Concen: 0.320 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:248 Resp: 9057

Ion	Ratio	Lower	Upper
248	100		
250	92.2	84.2	126.2
141	53.8	21.8	32.6#



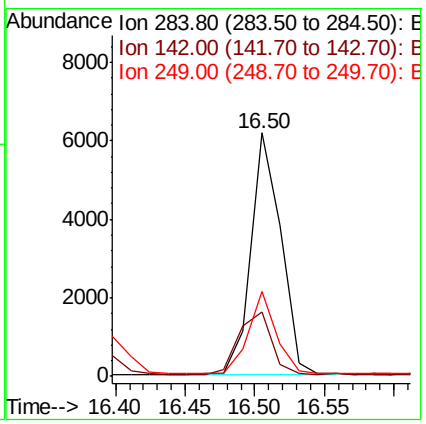


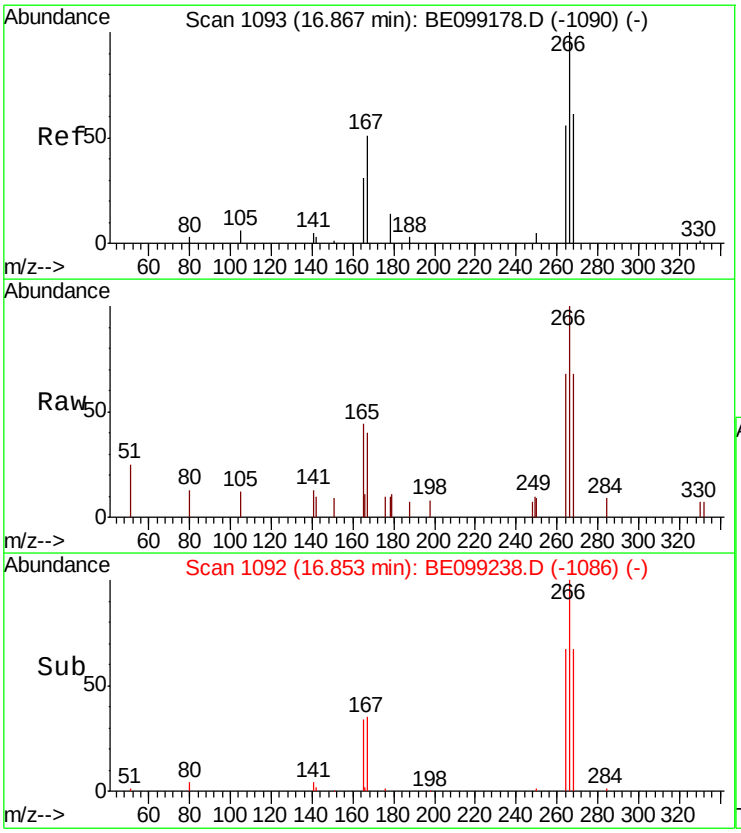
#21
Hexachlorobenzene
Concen: 0.335 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9155

Ion	Ratio	Lower	Upper
284	100		
142	28.1	22.7	34.1
249	31.9	26.9	40.3

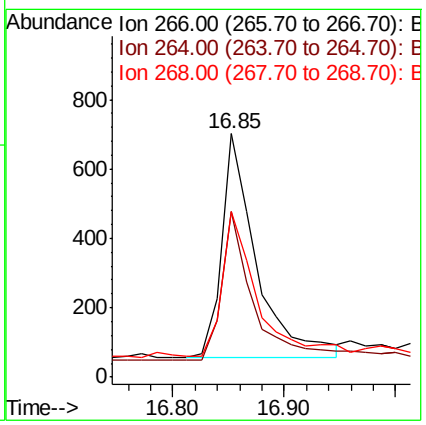


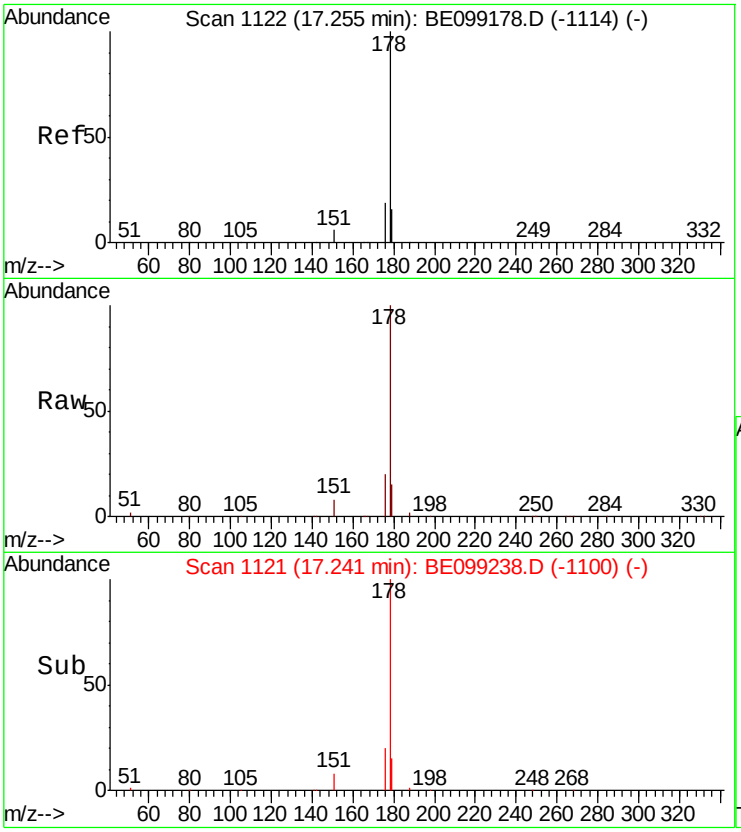


#22
Pentachlorophenol
Concen: 0.577 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:266 Resp: 1390

Ion	Ratio	Lower	Upper
266	100		
264	68.1	54.4	81.6
268	68.2	61.3	91.9



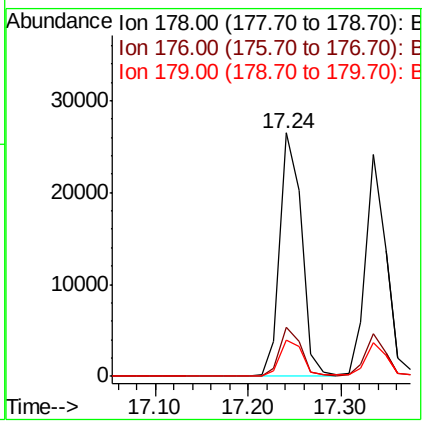


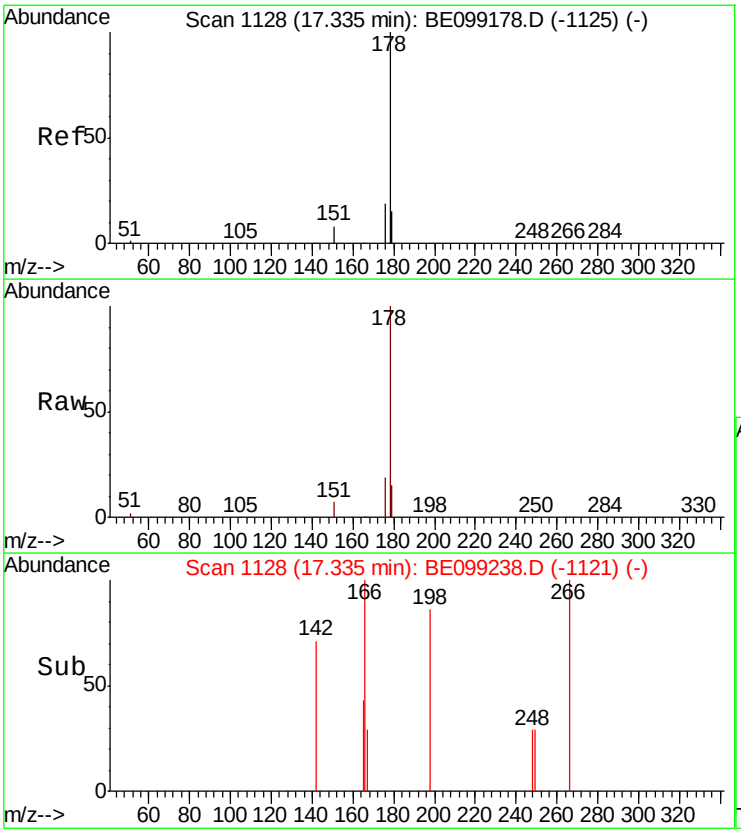
#23
Phenanthrene
Concen: 0.332 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 42820

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.3	18.5

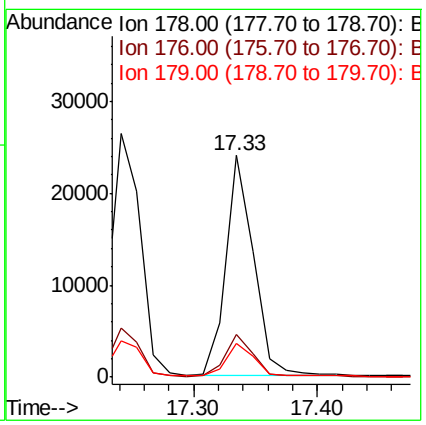


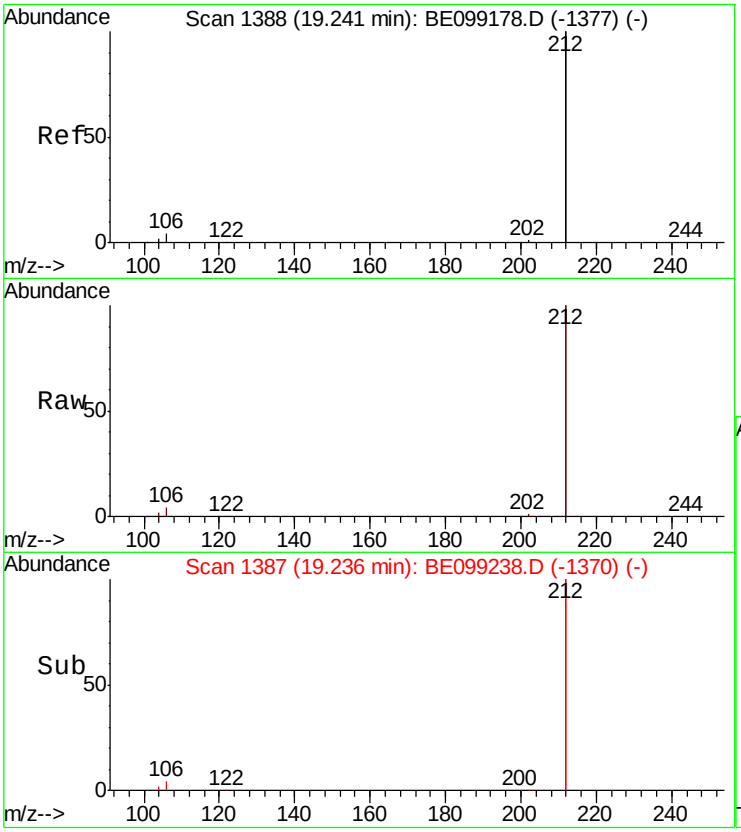


#24
Anthracene
Concen: 0.313 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:178 Resp: 36497

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



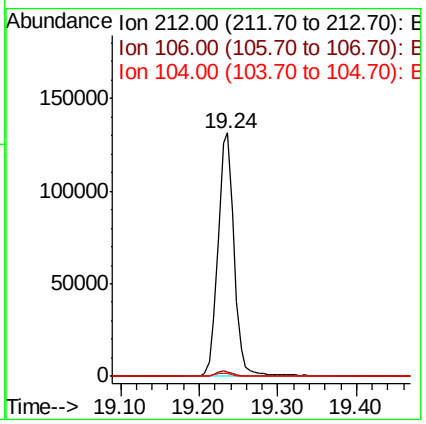


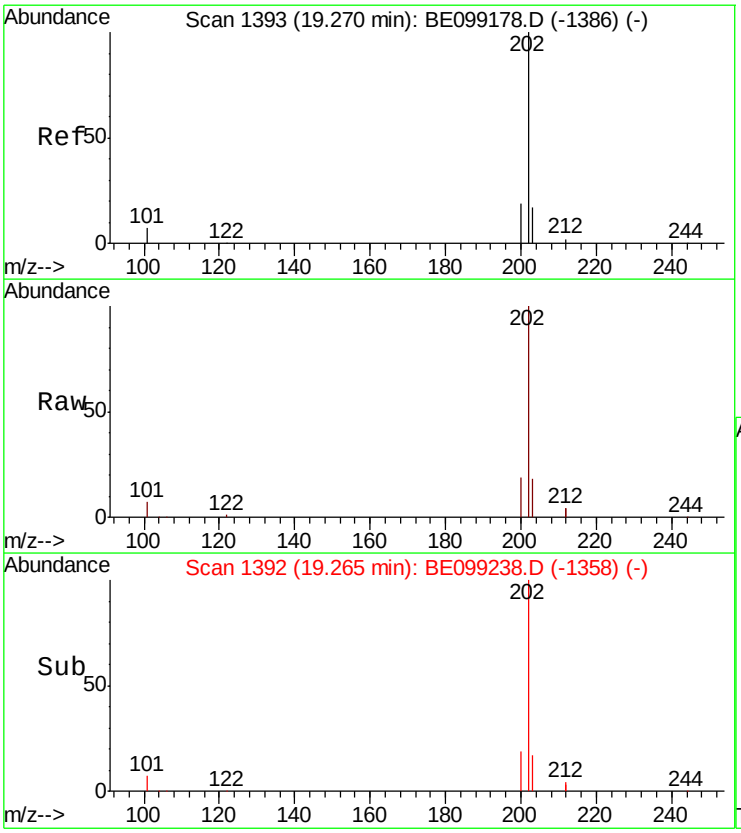
#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 183350

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7

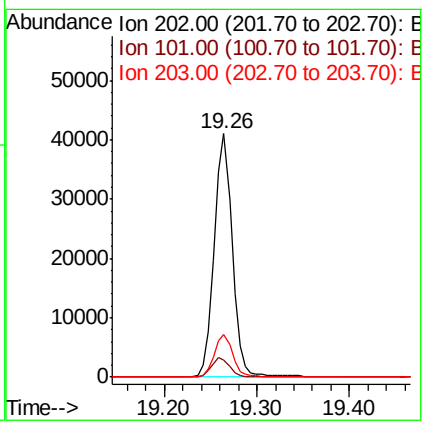


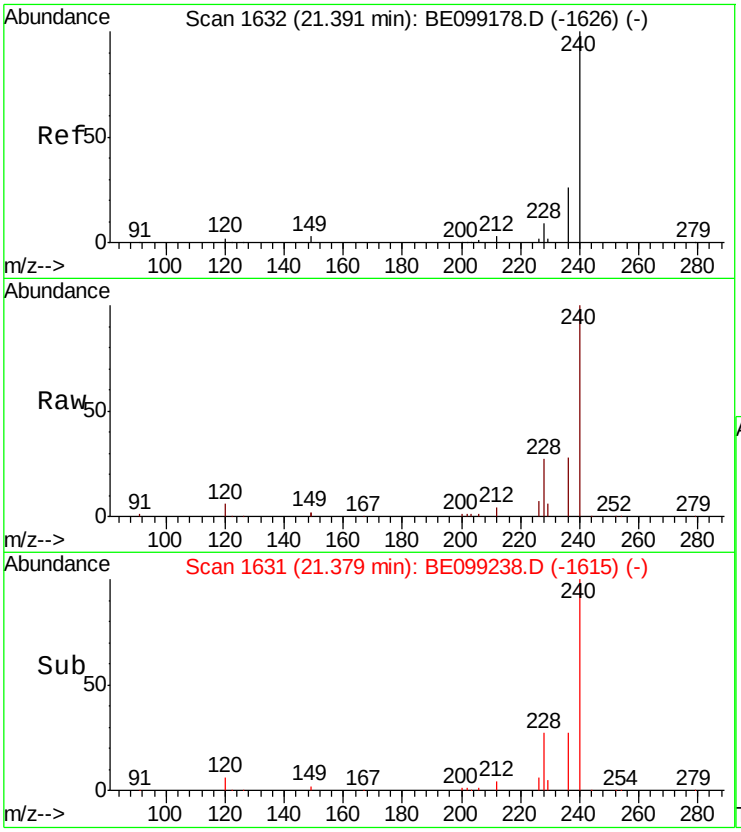


#26
Fluoranthene
Concen: 0.331 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:202 Resp: 54452

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
203	17.3	13.8	20.6



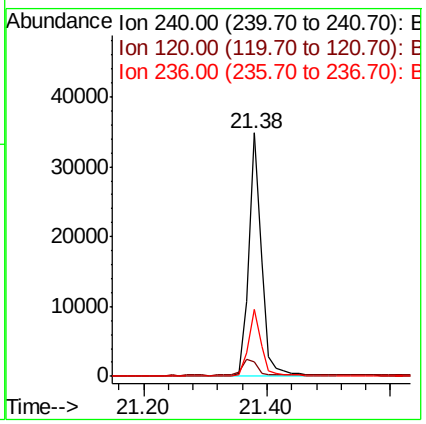


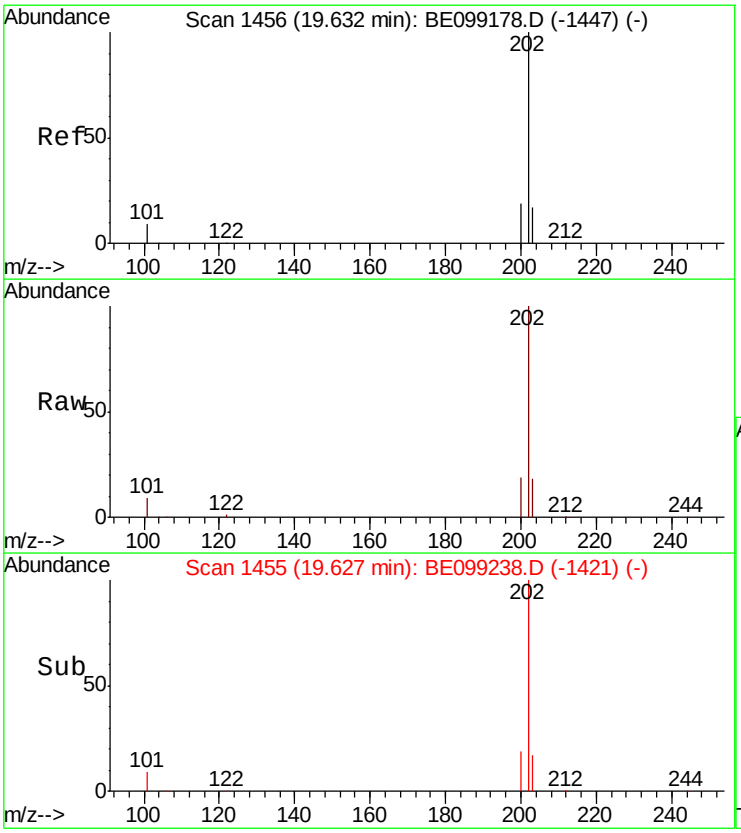
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 49865

Ion	Ratio	Lower	Upper
240	100		
120	5.9	2.6	3.8#
236	27.6	20.9	31.3

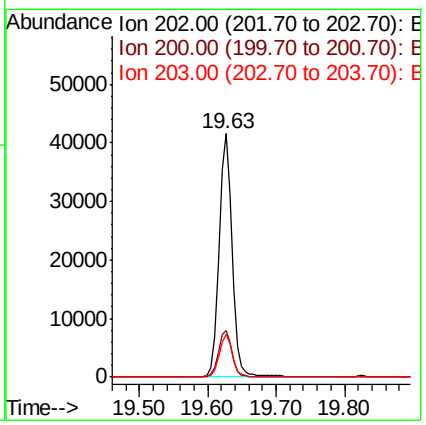


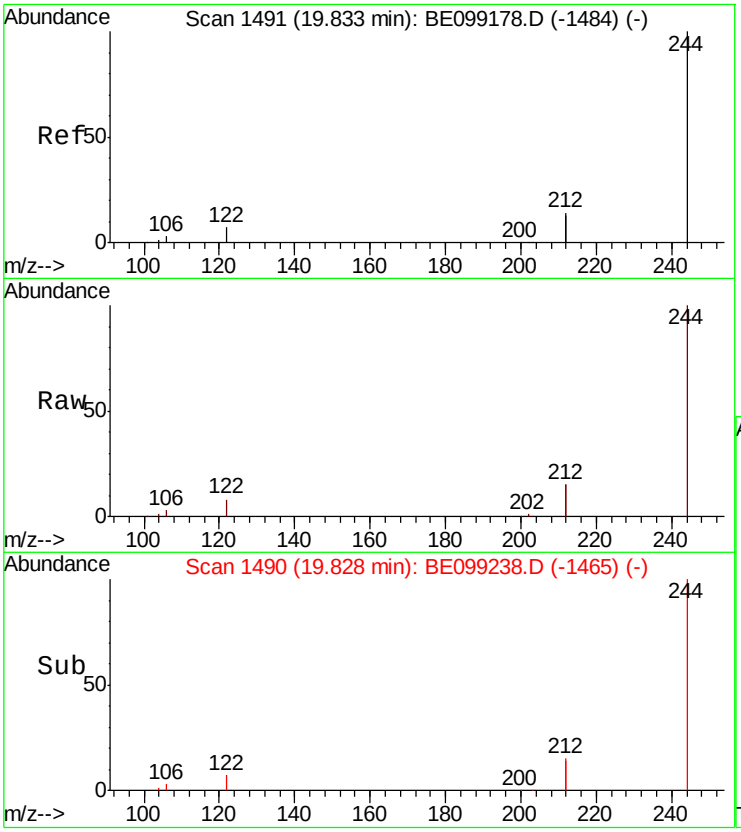


#28
Pyrene
Concen: 0.337 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:202 Resp: 55831

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.8
203	17.4	14.1	21.1



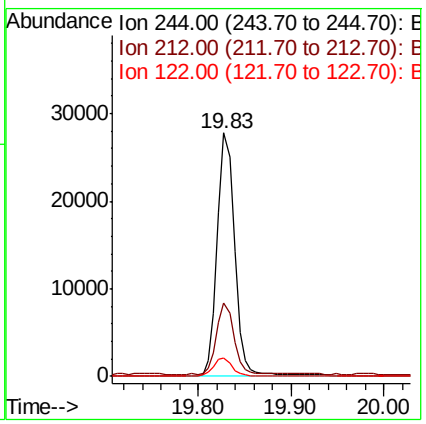


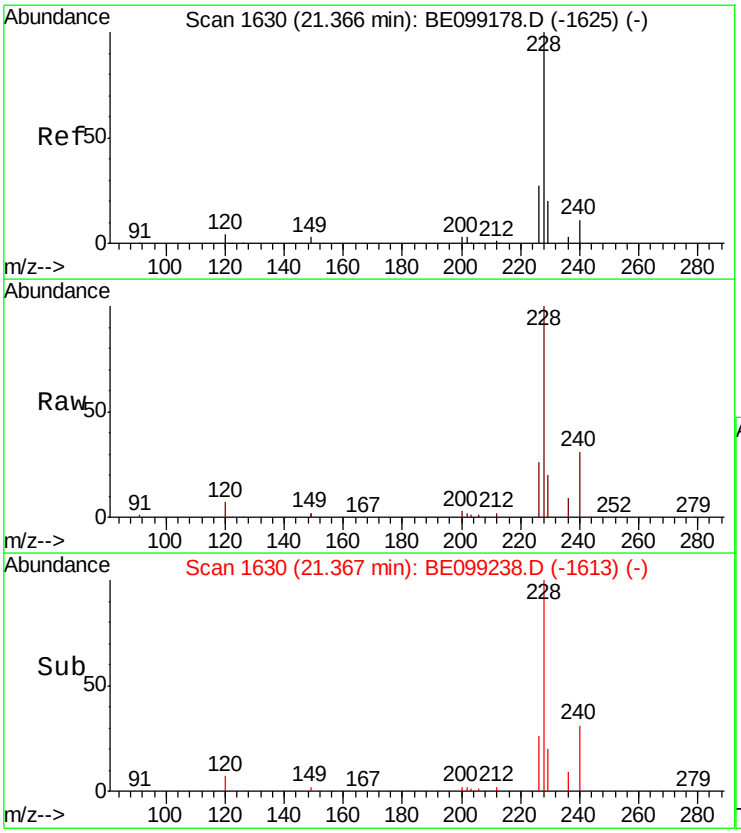
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 36131

Ion	Ratio	Lower	Upper
244	100		
212	30.1	22.7	34.1
122	7.6	5.8	8.6

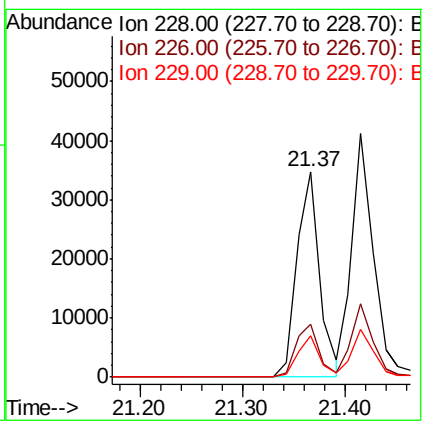


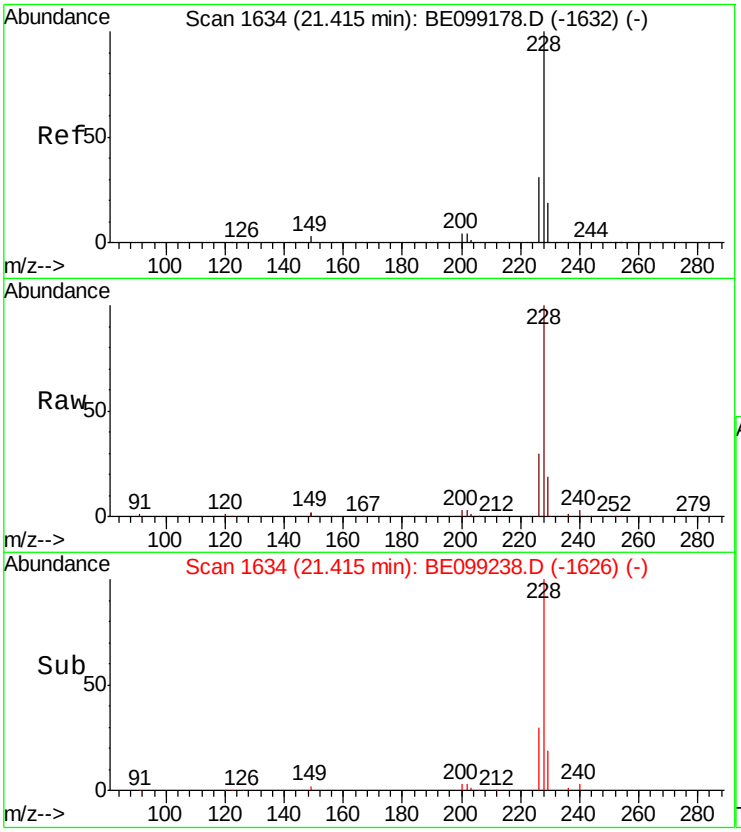


#30
Benzo(a)anthracene
Concen: 0.324 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:228 Resp: 53369

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.7	32.5
229	20.1	15.9	23.9



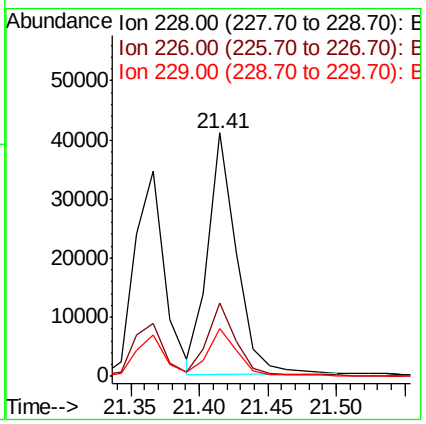


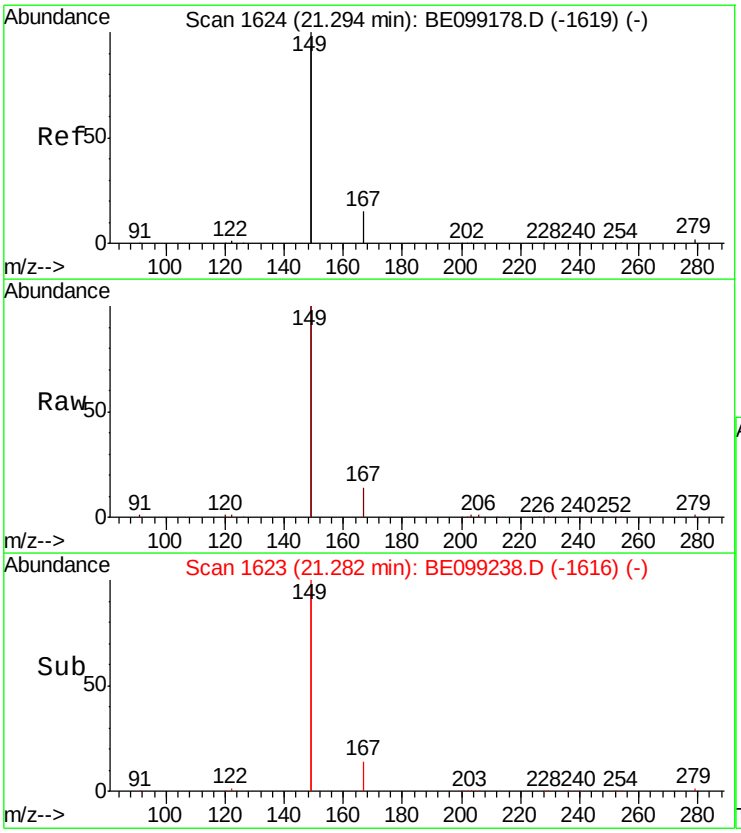
#31
Chrysene
Concen: 0.338 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 59395

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.4	15.4	23.0

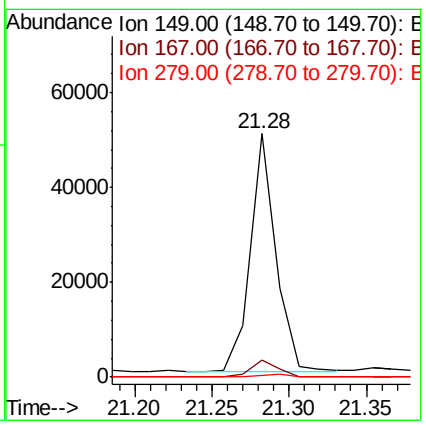


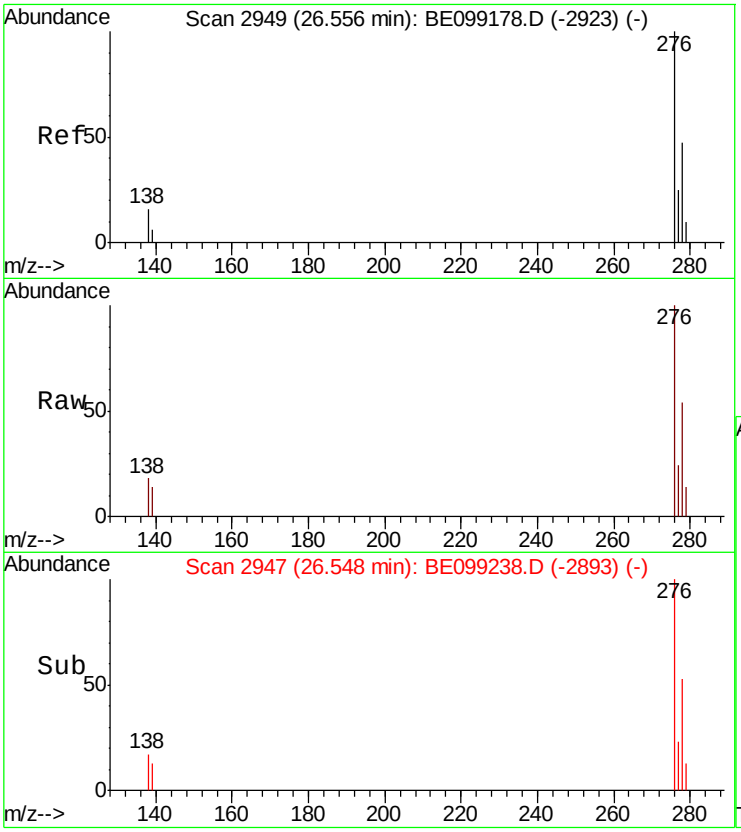


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:149 Resp: 57536

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.1	1.0	1.6



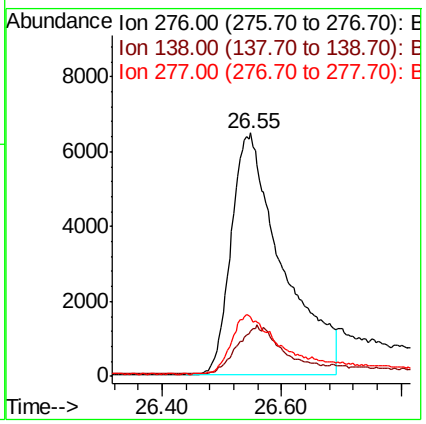


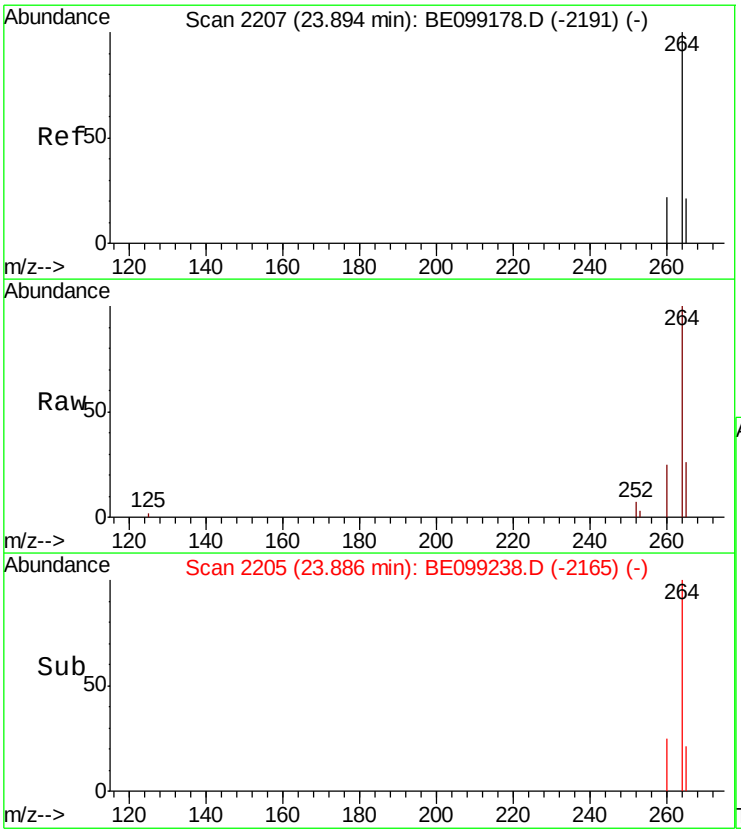
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.229 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38184

Ion	Ratio	Lower	Upper
276	100		
138	9.3	12.9	19.3#
277	24.7	18.3	27.5

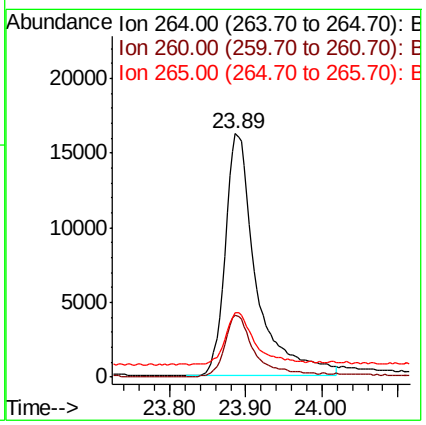


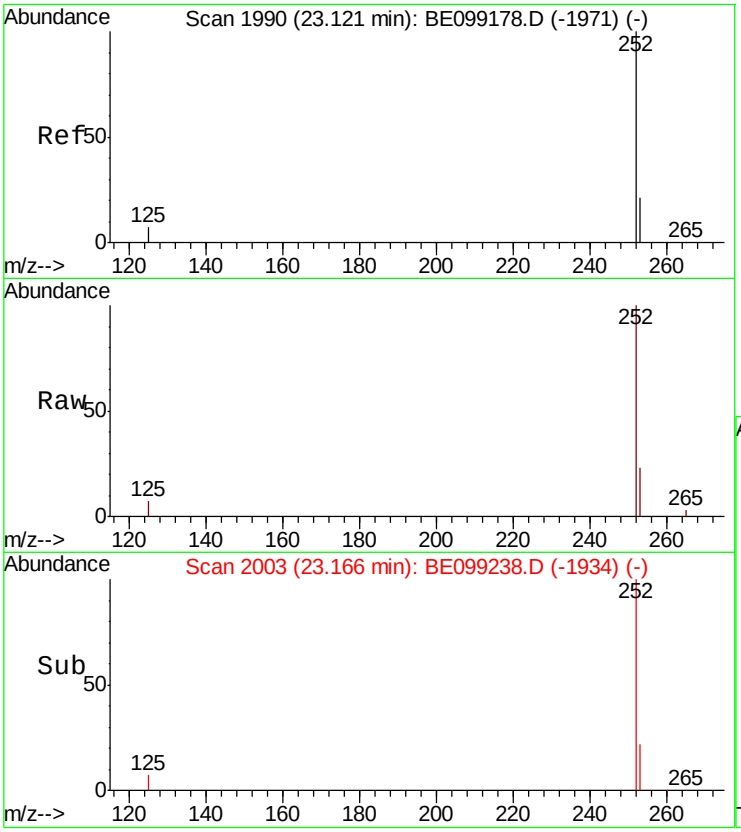


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:264 Resp: 46061

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	26.2	21.8	32.8



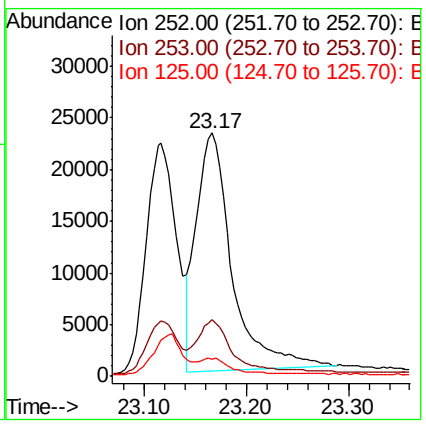


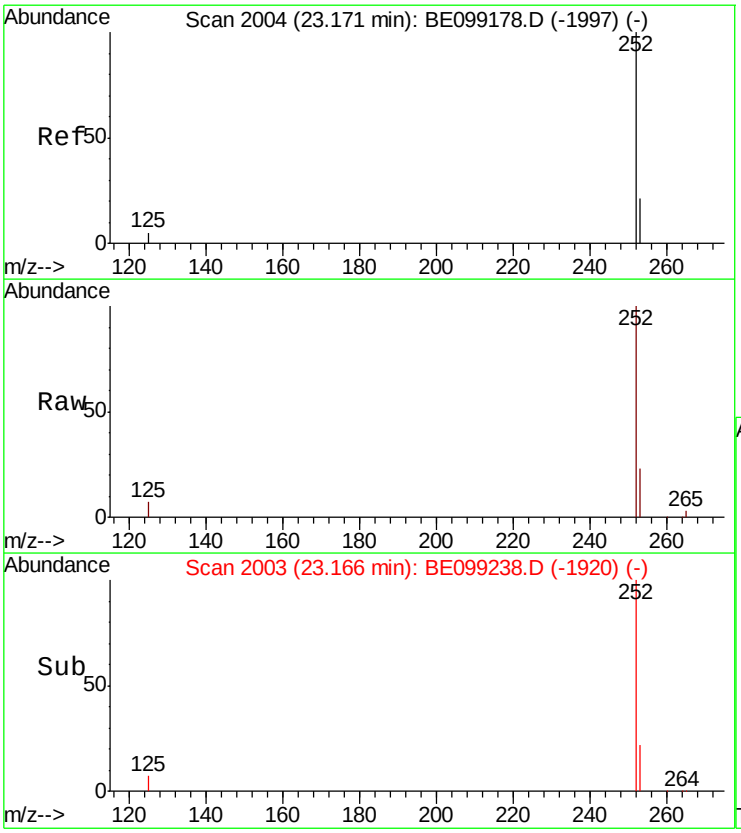
#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 55670

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	7.3	6.1	9.1

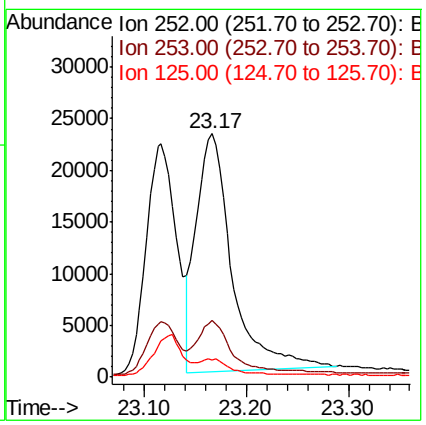


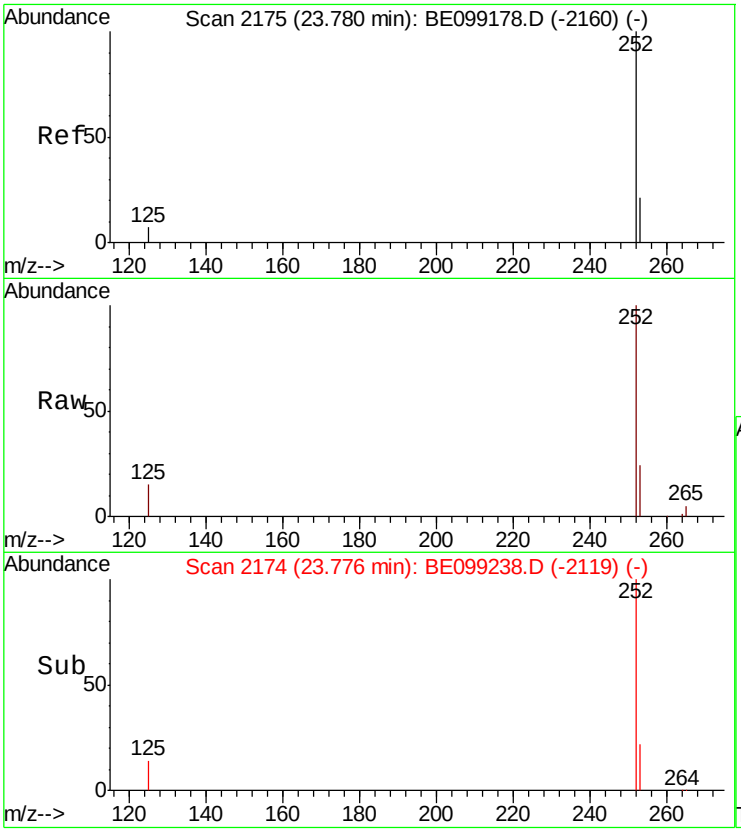


#36
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:252 Resp: 55670

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	7.3	5.9	8.9



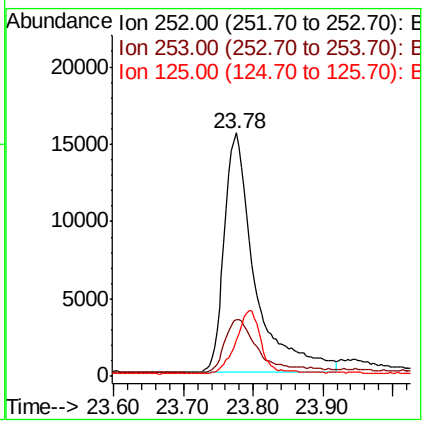


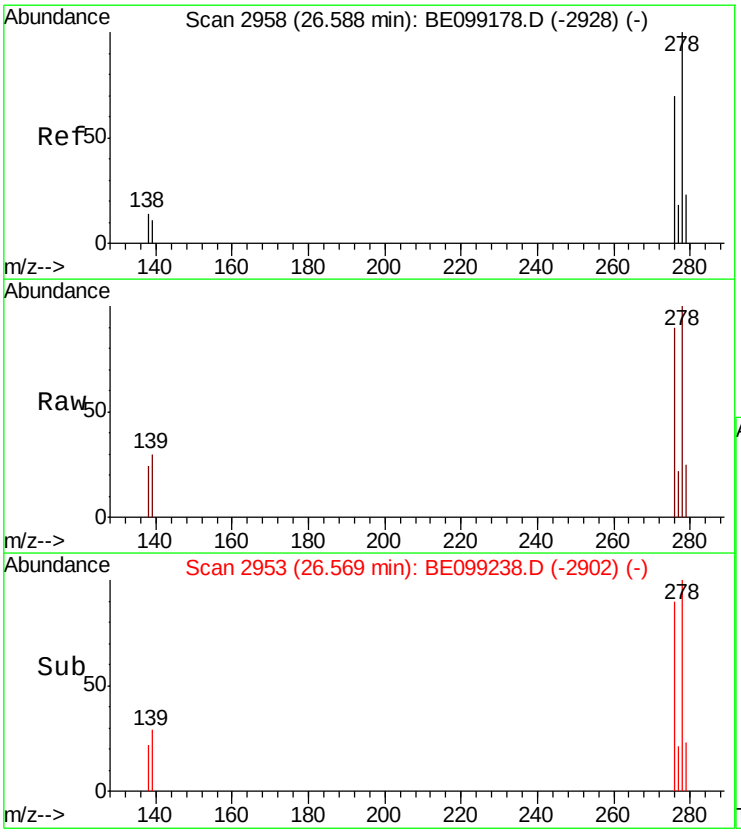
#37
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 47555

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	14.8	6.8	10.2#

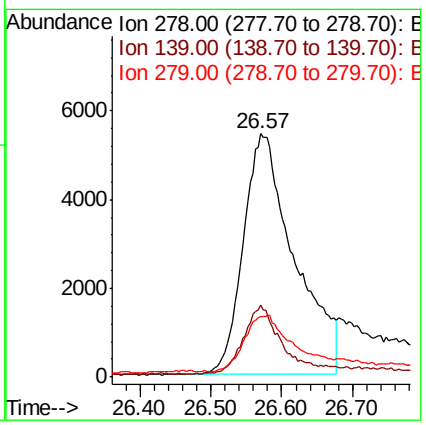


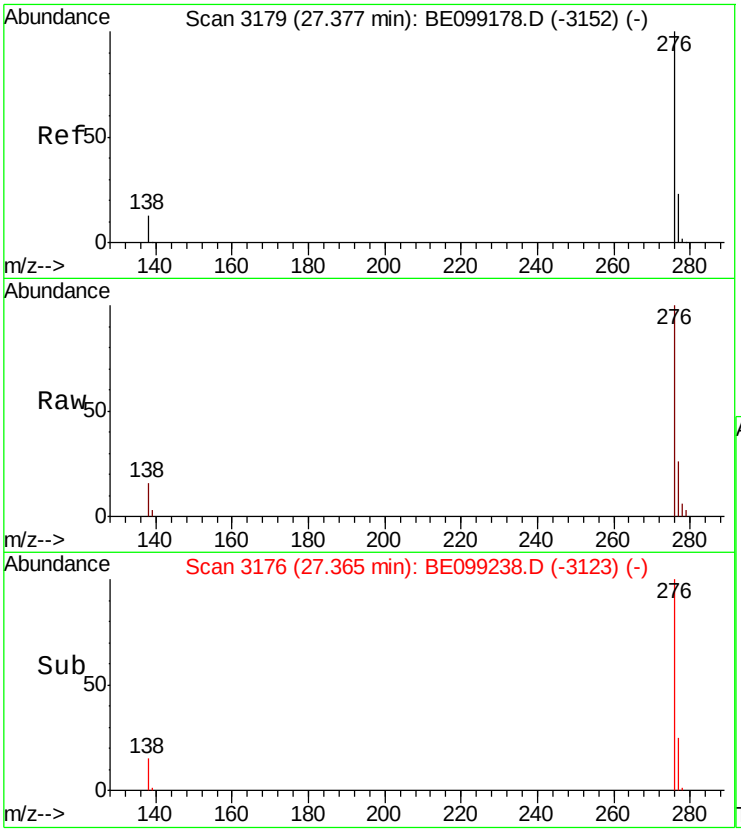


#38
Dibenzo(a,h)anthracene
Concen: 0.219 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Tgt Ion:278 Resp: 27519

Ion	Ratio	Lower	Upper
278	100		
139	29.7	9.5	14.3#
279	24.7	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.240 ng
RT: 27.36 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE099238.D
Acq: 27 Mar 2019 6:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 30265

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.0	28.4
138	16.5	11.1	16.7