Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099248.D
Acq On : 29 Mar 2019 10:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 29 22:54:15 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	3306	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	14350	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10719	0.40	ng		-0.02
19) Phenanthrene-d10	17.20	188	30287	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	33015	0.40	ng		-0.01
34) Perylene-d12	23.89	264	23883	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3791	0.38	ng		-0.01
5) Phenol-d6	6.99	99	5670	0.38	ng		0.00
8) Nitrobenzene-d5	8.99	82	4494	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	12897	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	966	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	19965	0.46	ng		0.00
25) Fluoranthene-d10	19.24	212	169115	0.46	ng		0.00
29) Terphenyl-d14	19.83	244	32660	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1933	0.443	ng		98
3) n-Nitrosodimethylamine	3.67	42	722	0.296	ng	#	94
6) bis(2-Chloroethyl)ether	7.25	93	5137	0.433	ng		91
9) Naphthalene	10.67	128	76509	0.452	ng		99
10) Hexachlorobutadiene	10.95	225	4193	0.465	ng		97
12) 2-Methylnaphthalene	12.29	142	13473	0.445	ng		97
16) Acenaphthylene	14.20	152	22201	0.406	ng		99
17) Acenaphthene	14.54	154	14130	0.432	ng		99
18) Fluorene	15.51	166	20076	0.437	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	7727	0.395	ng	#	78
21) Hexachlorobenzene	16.51	284	7858	0.416	ng		98
22) Pentachlorophenol	16.85	266	554	0.438	ng	#	81
23) Phenanthrene	17.24	178	37407	0.421	ng		99
24) Anthracene	17.34	178	31596	0.393	ng		100
26) Fluoranthene	19.27	202	48877	0.431	ng		99
28) Pyrene	19.63	202	49602	0.452	ng		100
30) Benzo(a)anthracene	21.37	228	39825	0.366	ng		100
31) Chrysene	21.41	228	49954	0.429	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	37342	0.287	ng		100
33) Indeno(1,2,3-cd)pyrene	26.56	276	18968	0.172	ng	#	87
35) Benzo(b)fluoranthene	23.12	252	28363	0.361	ng		99
36) Benzo(k)fluoranthene	23.17	252	45026	0.542	ng		99
37) Benzo(a)pyrene	23.78	252	27587	0.376	ng		97
38) Dibenzo(a,h)anthracene	26.58	278	15163	0.233	ng		96
39) Benzo(g,h,i)perylene	27.37	276	18569	0.284	ng		97

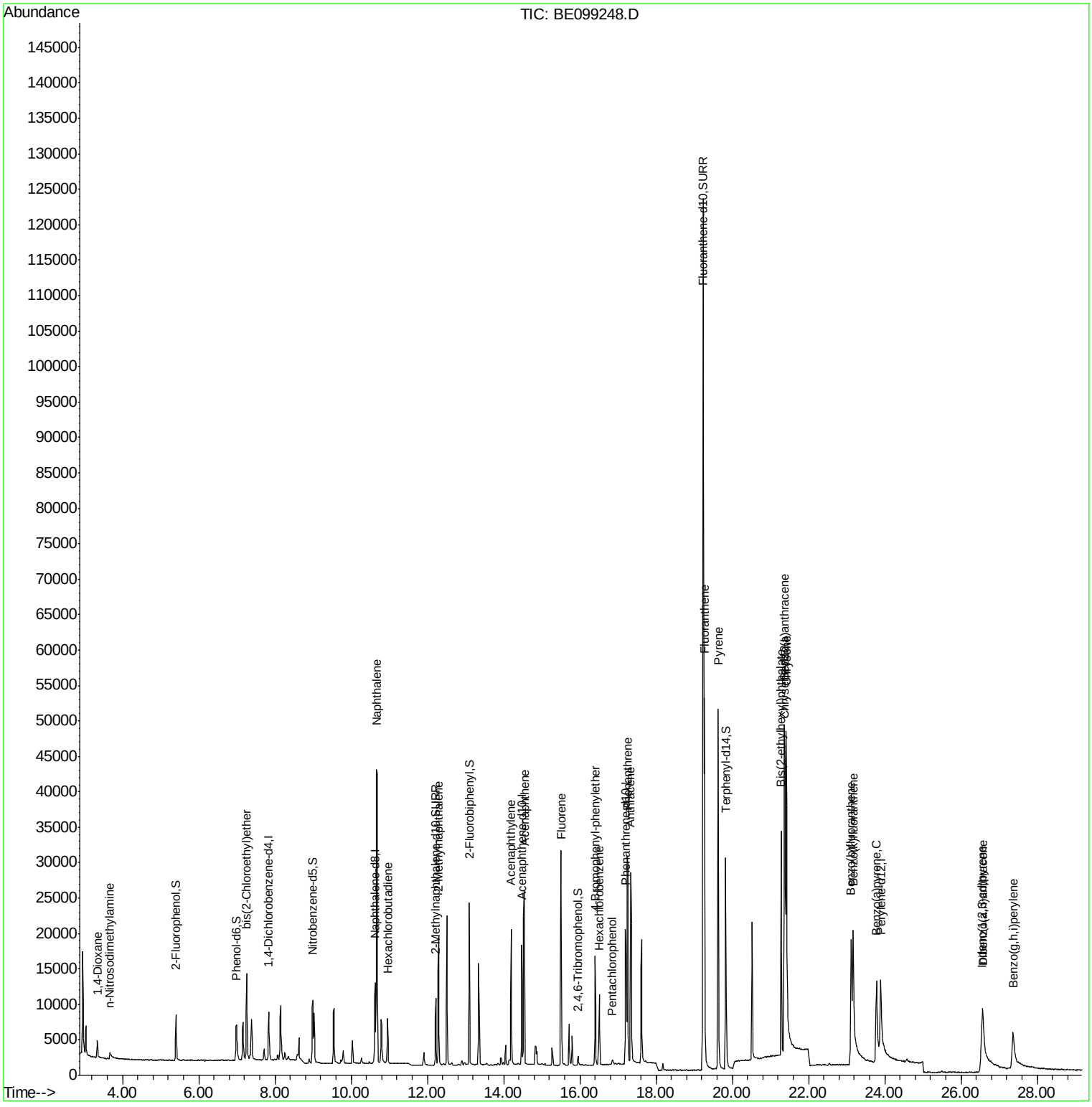
(#) = qualifier out of range (m) = manual integration (+) = signals summed

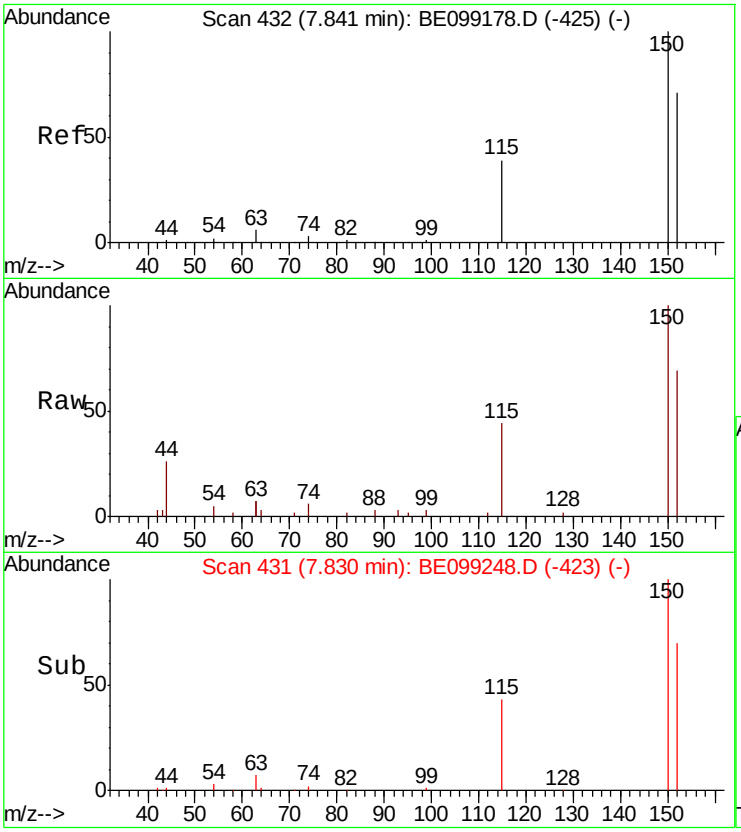
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099248.D
Acq On : 29 Mar 2019 10:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 29 22:54:15 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



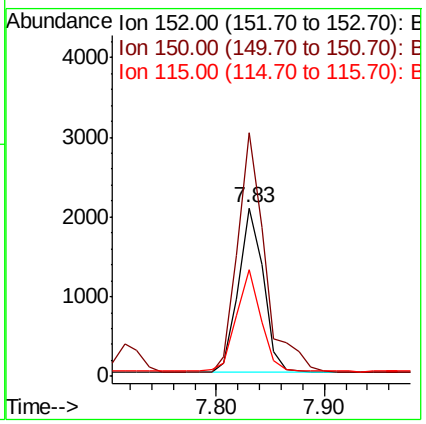


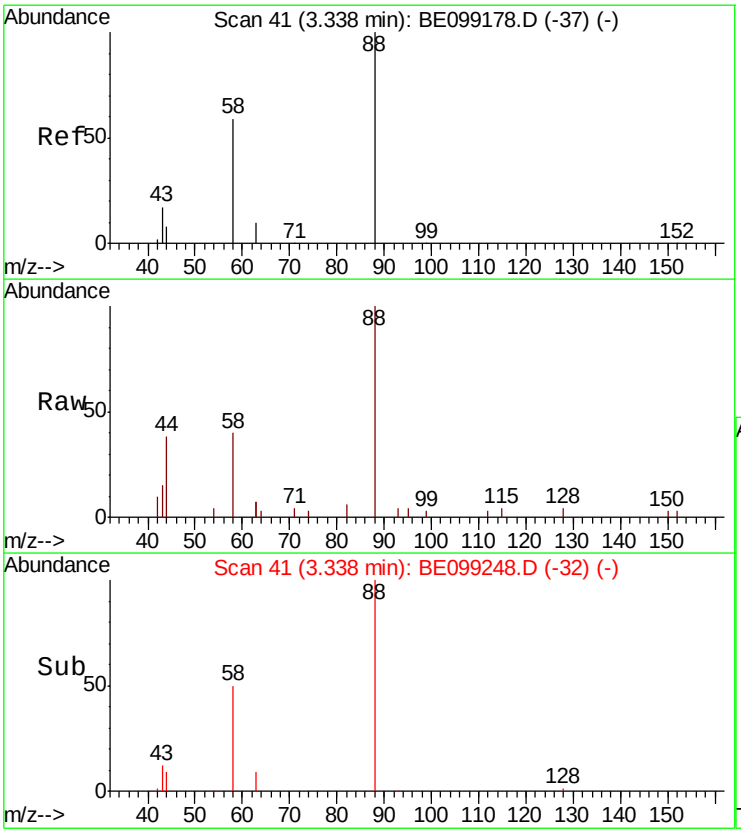
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3306

Ion	Ratio	Lower	Upper
152	100		
150	144.6	112.8	169.2
115	63.0	45.1	67.7

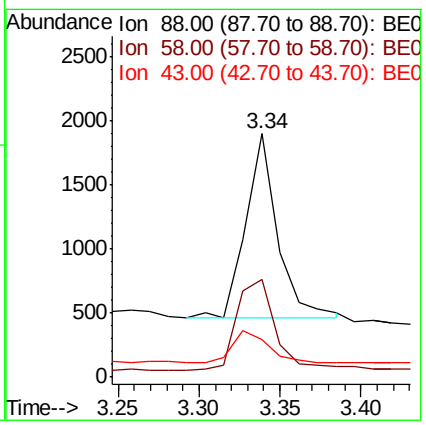


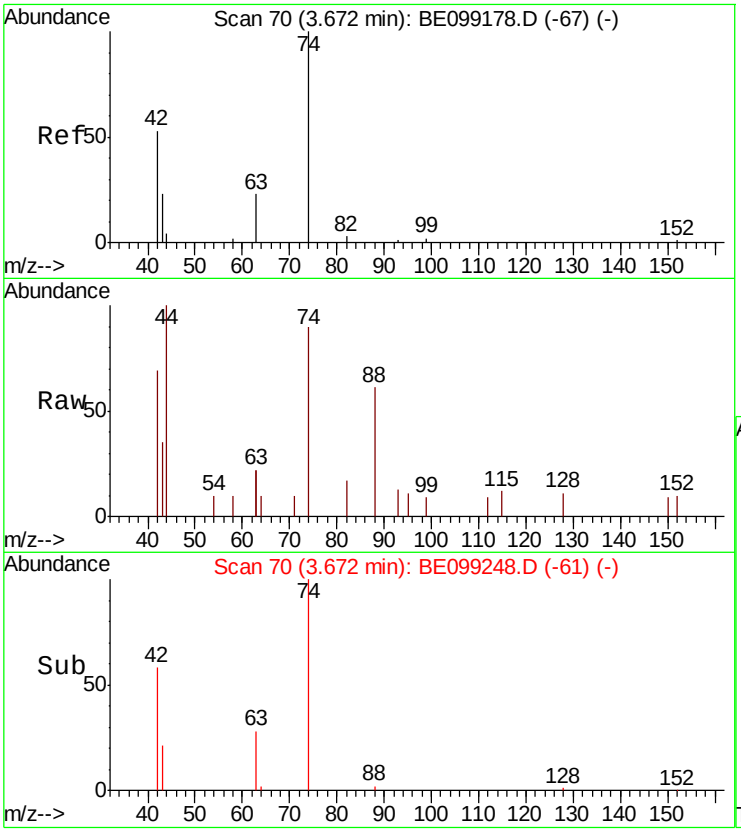


#2
1,4-Dioxane
Concen: 0.443 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion: 88 Resp: 1933

Ion	Ratio	Lower	Upper
88	100		
58	60.7	47.4	71.0
43	20.0	15.6	23.4



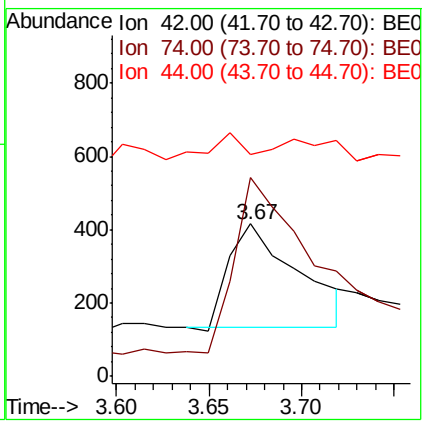


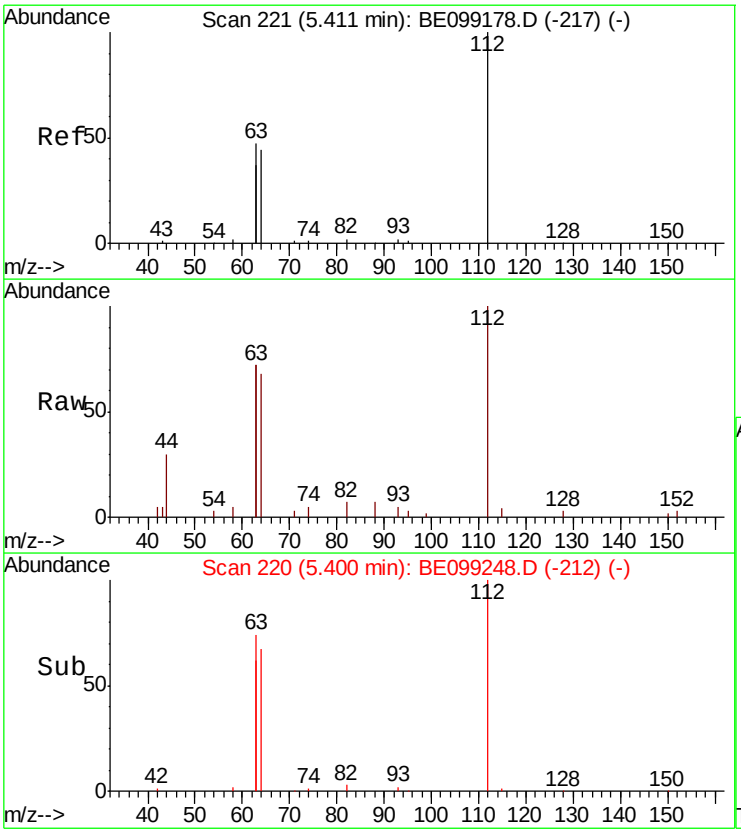
#3
n-Nitrosodimethylamine
Concen: 0.296 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 722

Ion	Ratio	Lower	Upper
42	100		
74	179.6	138.6	207.8
44	11.5	15.0	22.6#

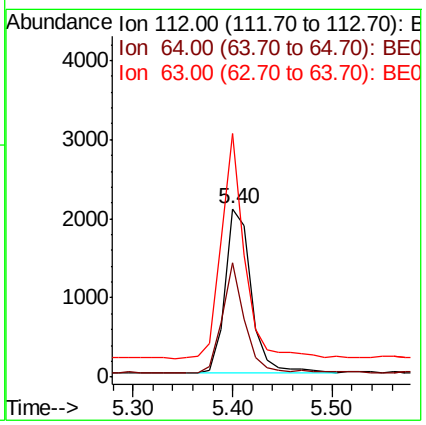


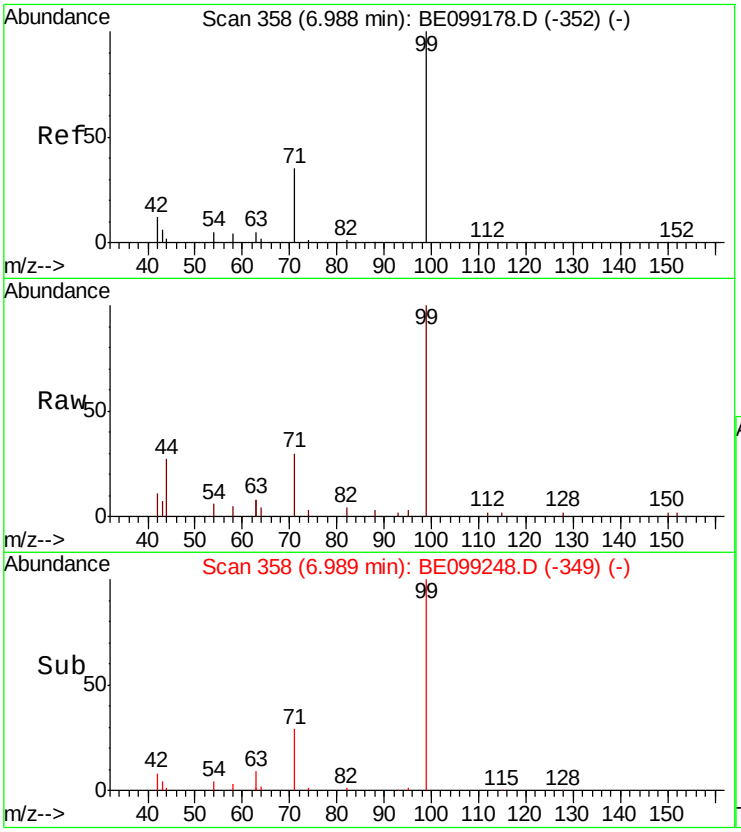


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.40 min Scan# 220
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:112 Resp: 3791

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.2	69.2
63	121.2	89.9	134.9



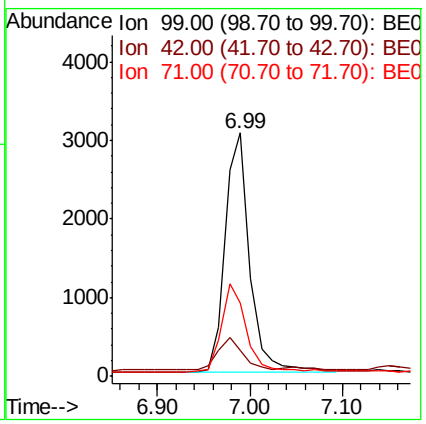


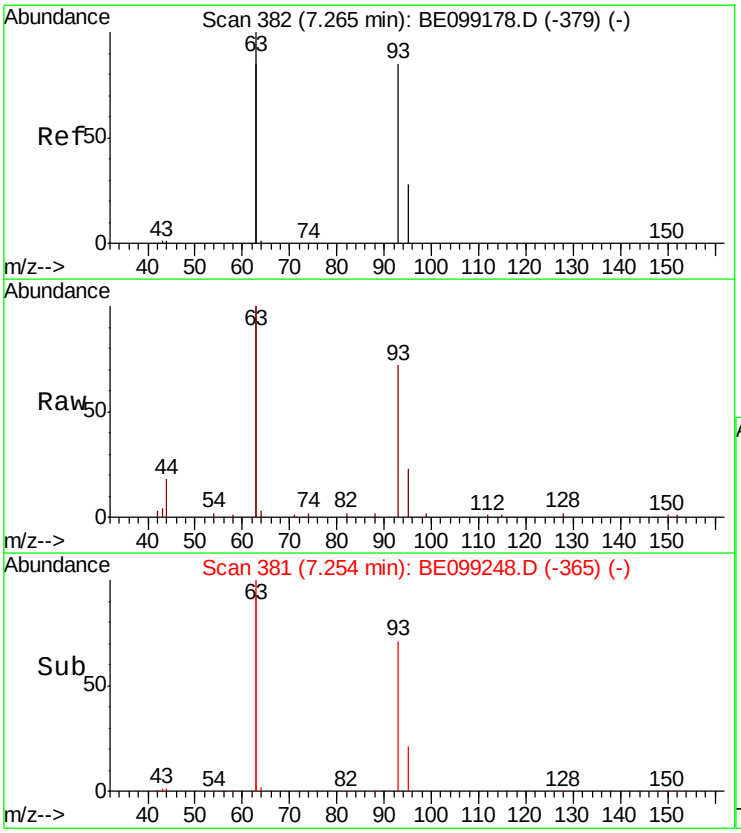
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5670

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.4	18.6
71	37.6	28.4	42.6

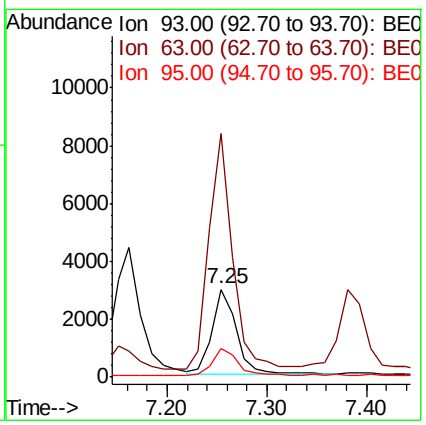


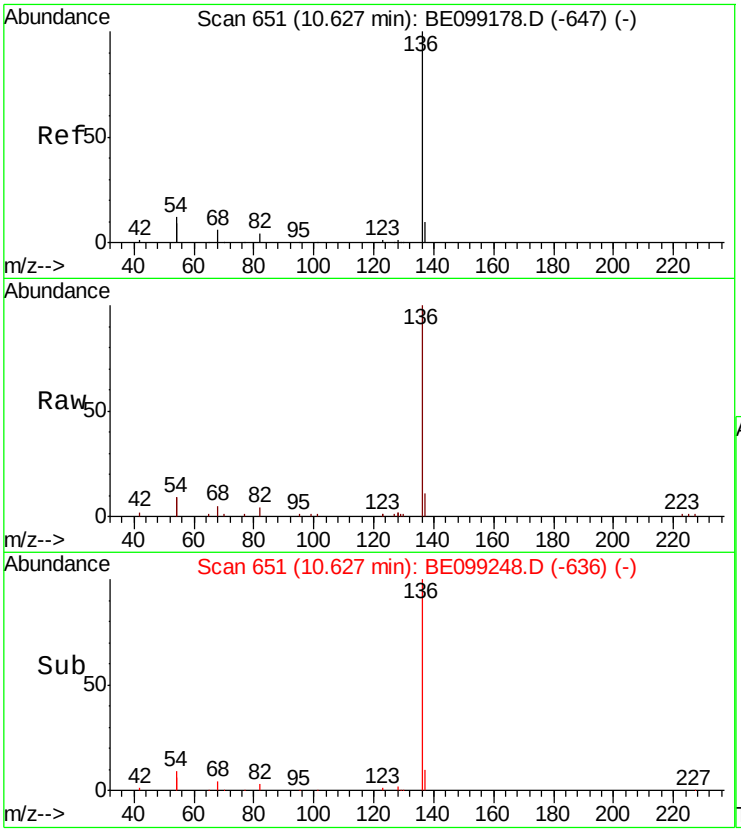


#6
bis(2-Chloroethyl)ether
Concen: 0.433 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion: 93 Resp: 5137

Ion	Ratio	Lower	Upper
93	100		
63	258.5	221.4	332.0
95	31.2	25.8	38.8



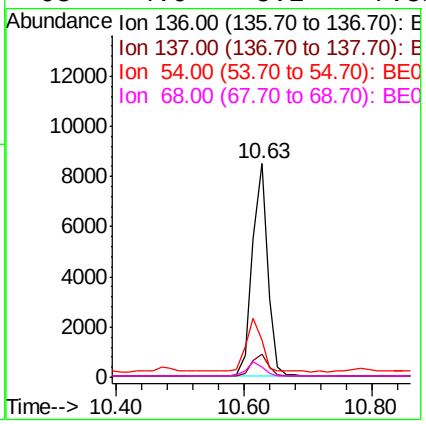


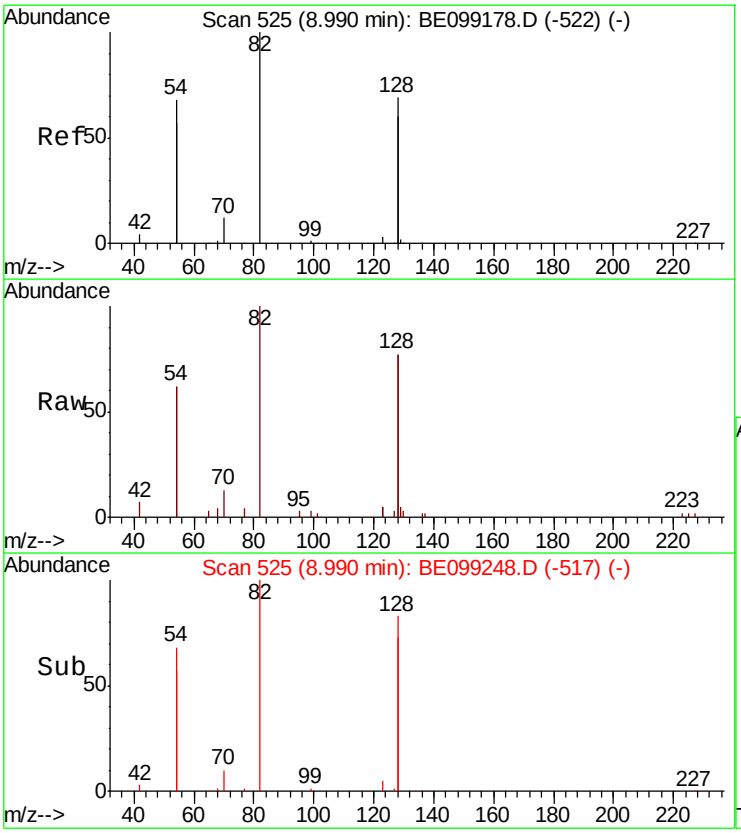
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14350

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	17.3	18.7	28.1#
68	4.9	5.2	7.8#

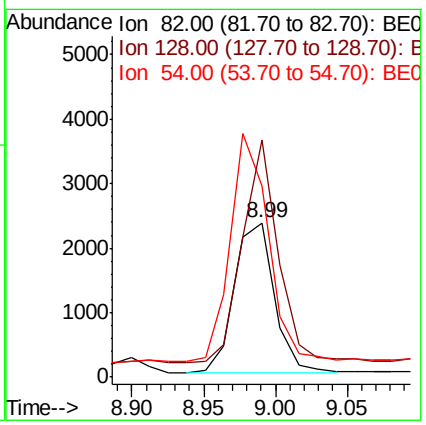


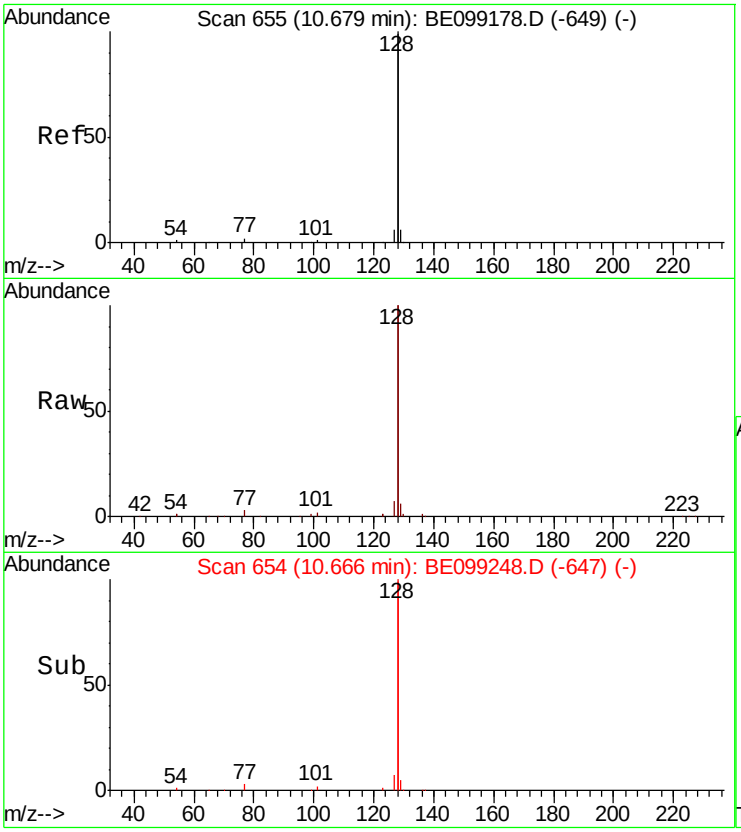


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion: 82 Resp: 4494

Ion	Ratio	Lower	Upper
82	100		
128	153.2	107.5	161.3
54	124.0	106.3	159.5



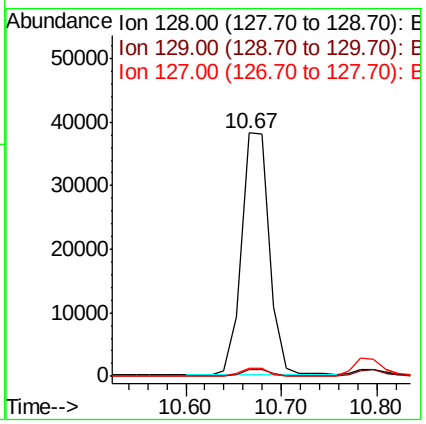


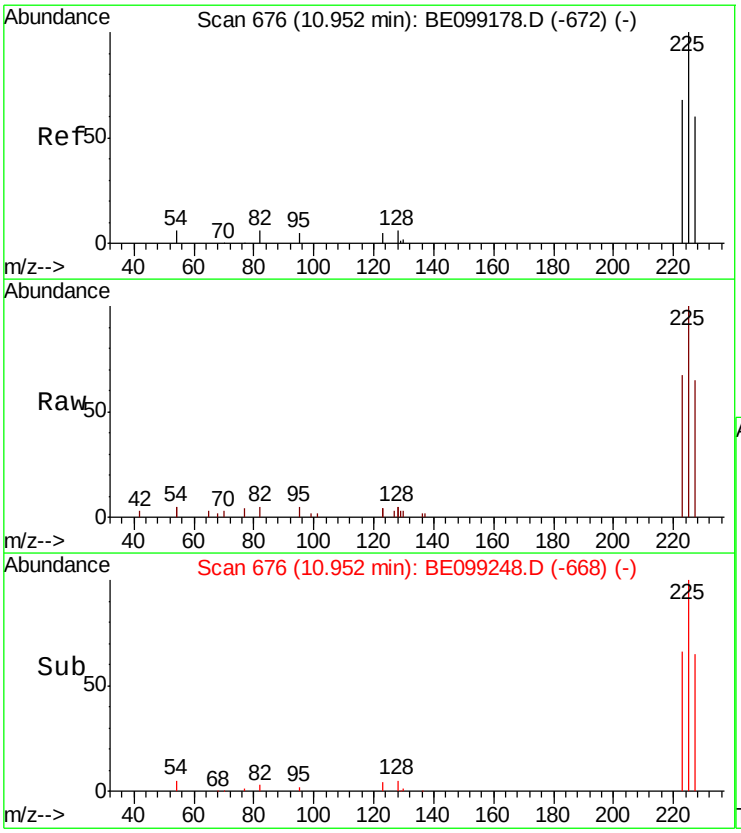
#9
Naphthalene
Concen: 0.452 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 76509

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

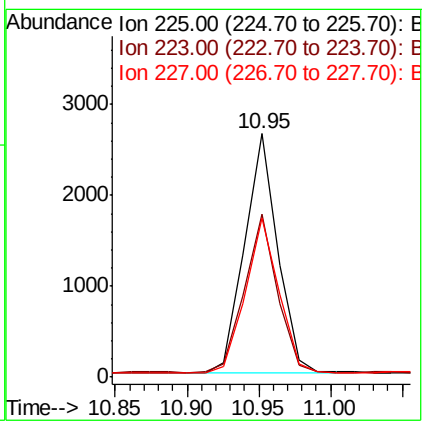


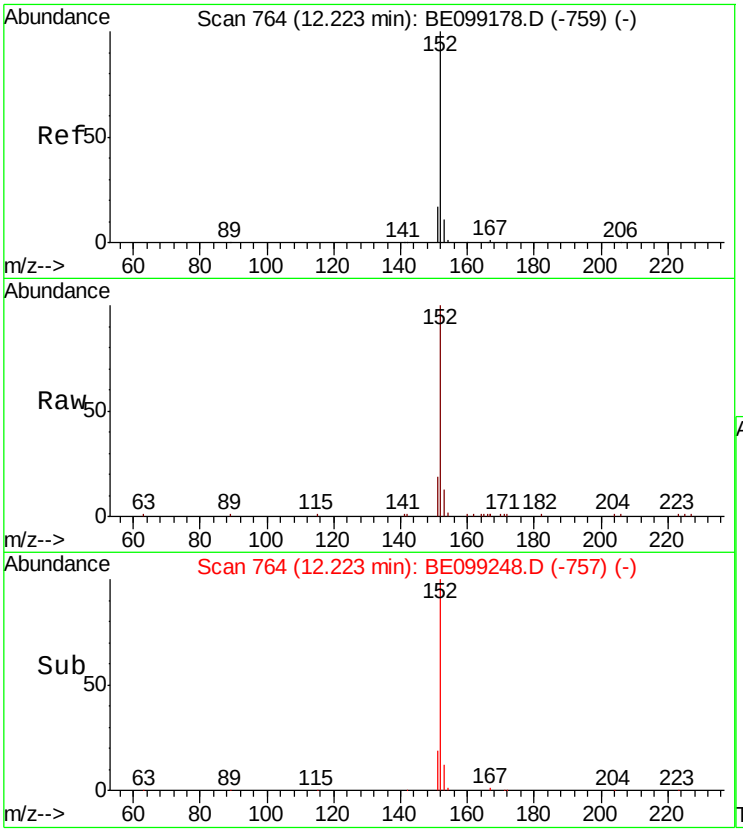


#10
Hexachlorobutadiene
Concen: 0.465 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:225 Resp: 4193

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.3	76.9
227	64.6	48.6	73.0



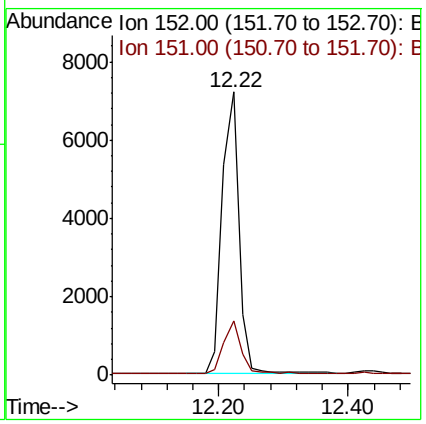


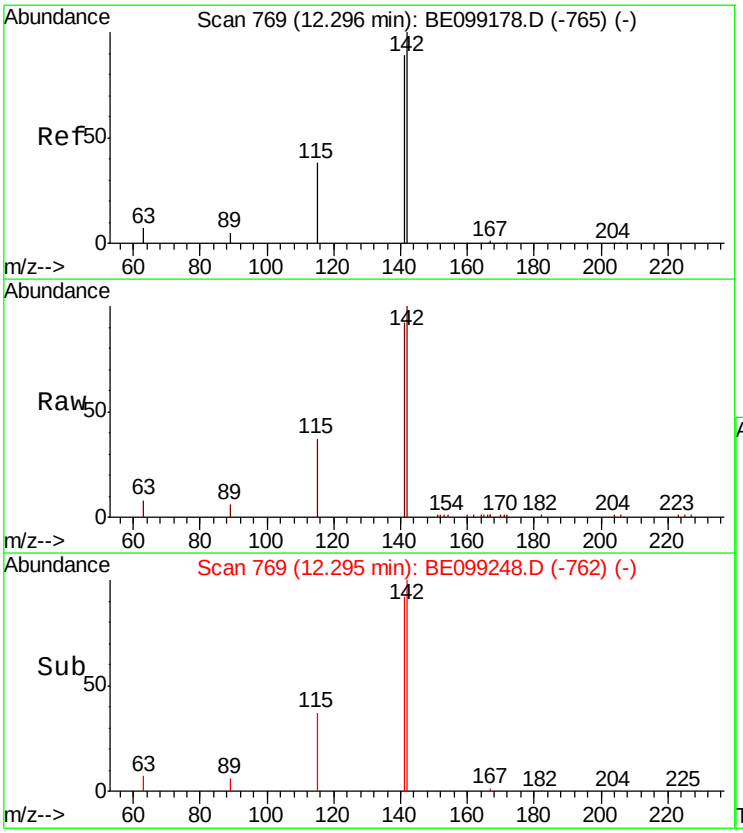
#11
2-Methylnaphthalene-d10
Concen: 0.466 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12897

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.0	22.6

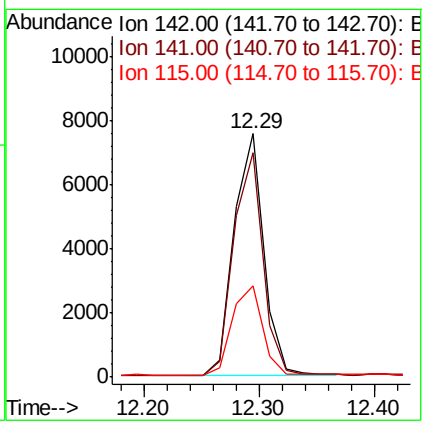


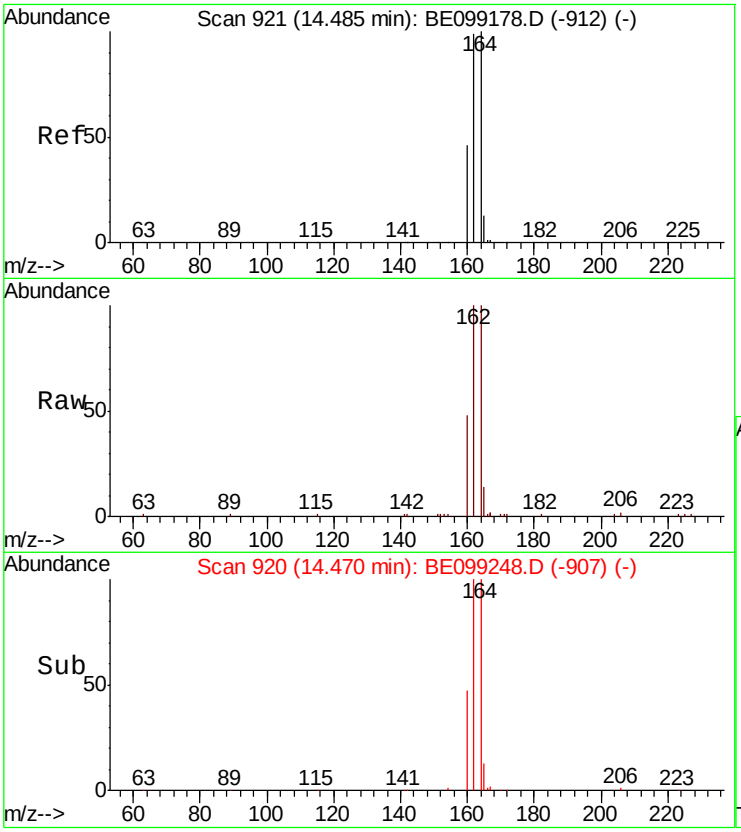


#12
2-Methylnaphthalene
Concen: 0.445 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:142 Resp: 13473

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.3	106.9
115	37.5	30.4	45.6



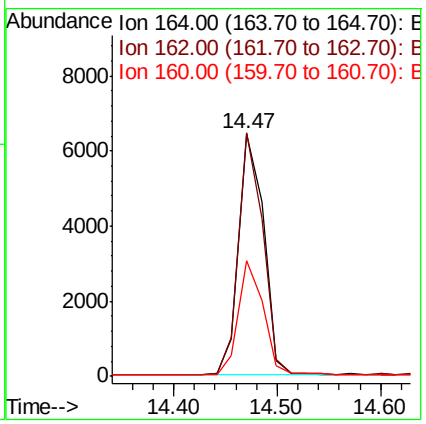


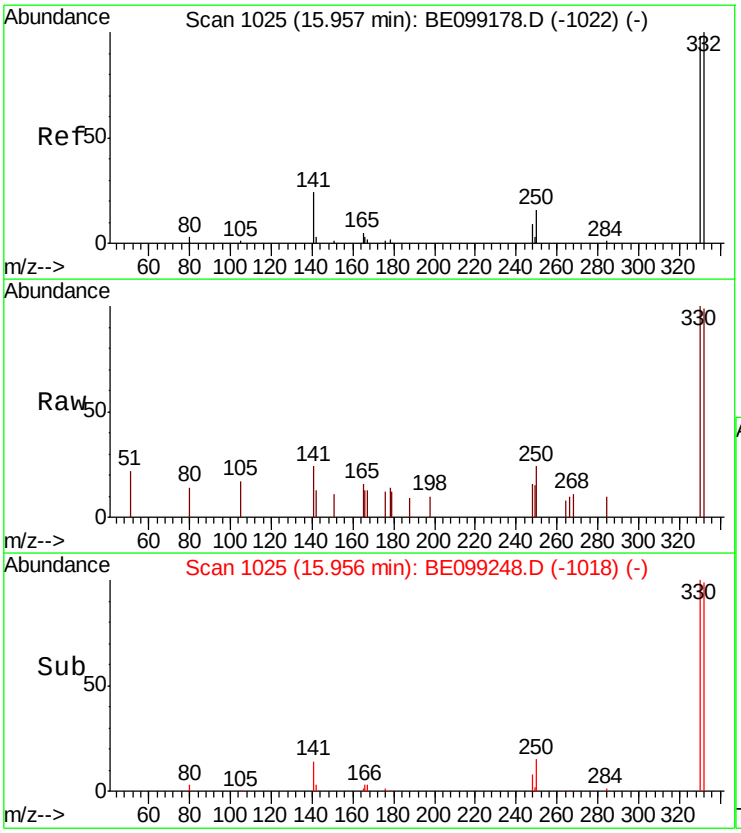
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 10719

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.2	118.8
160	47.6	36.7	55.1

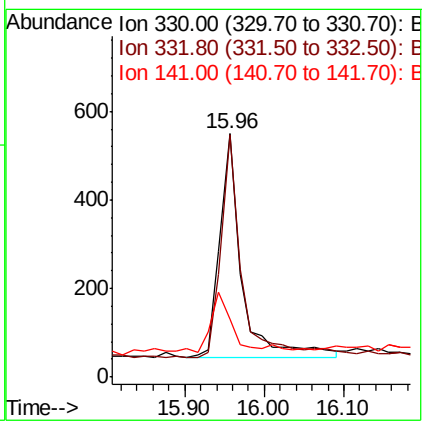


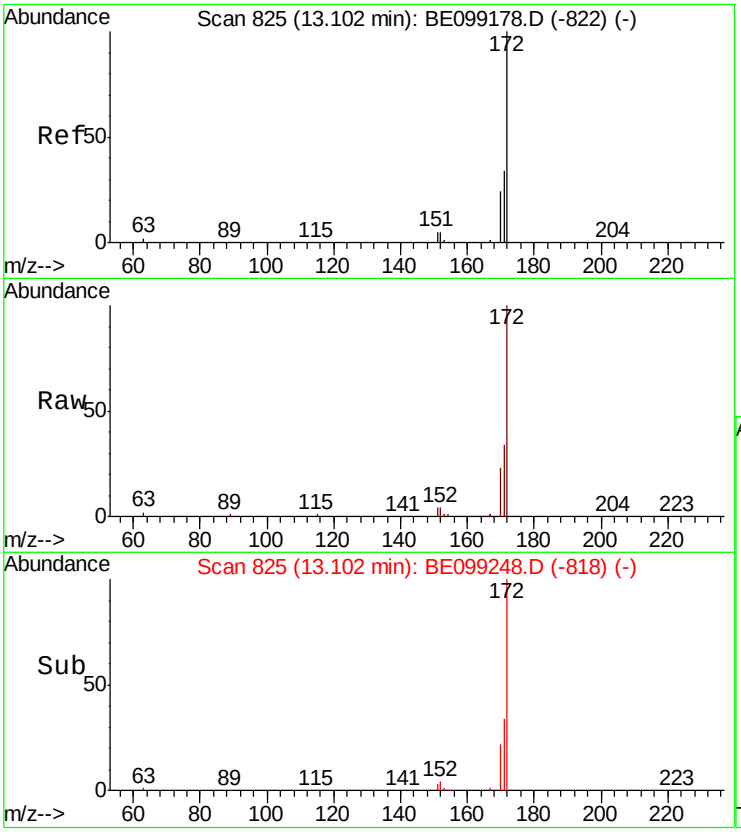


#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:330 Resp: 966

Ion	Ratio	Lower	Upper
330	100		
332	90.3	71.3	106.9
141	24.3	21.7	32.5



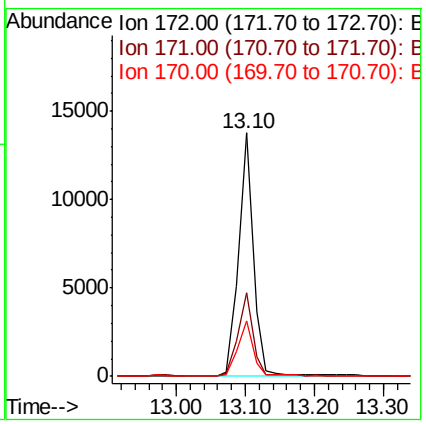


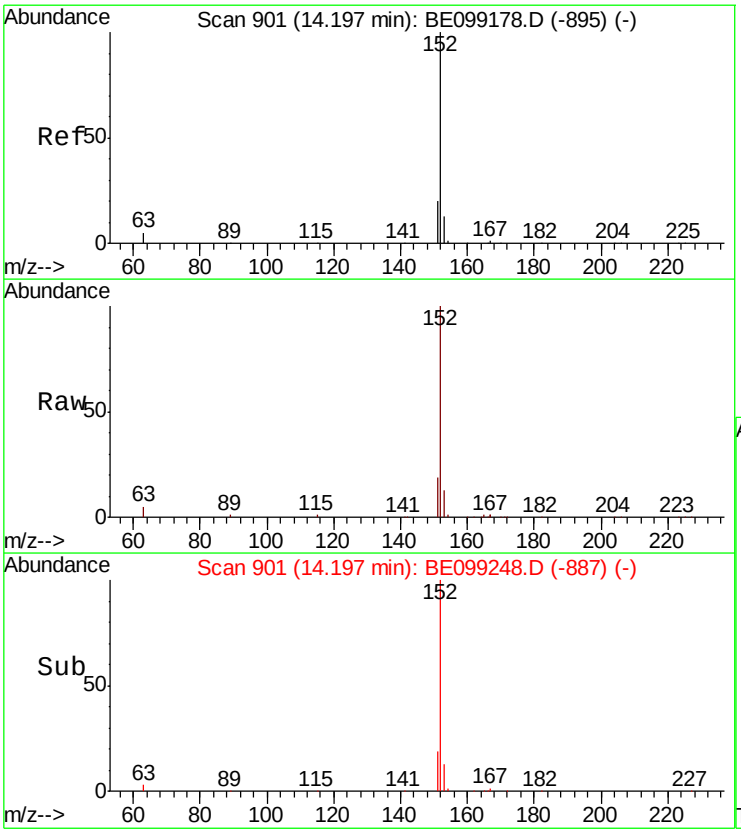
#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19965

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.0
170	22.6	19.1	28.7

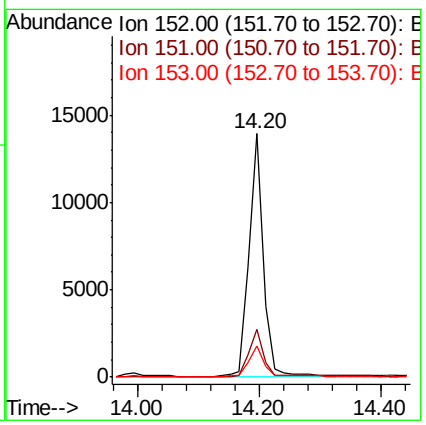


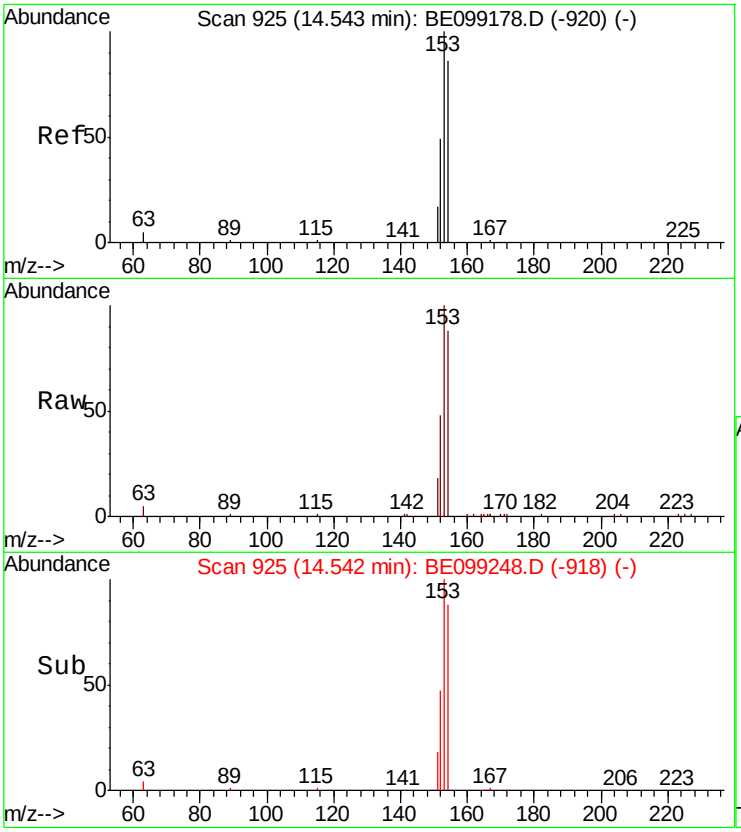


#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:152 Resp: 22201

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.0	10.6	15.8



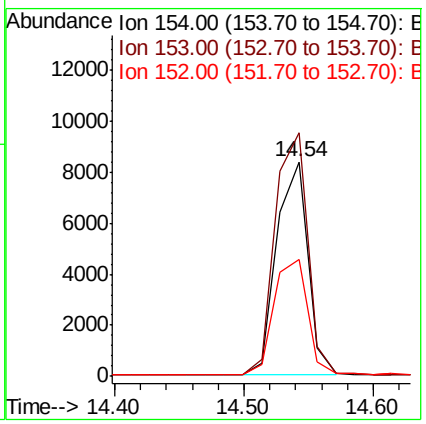


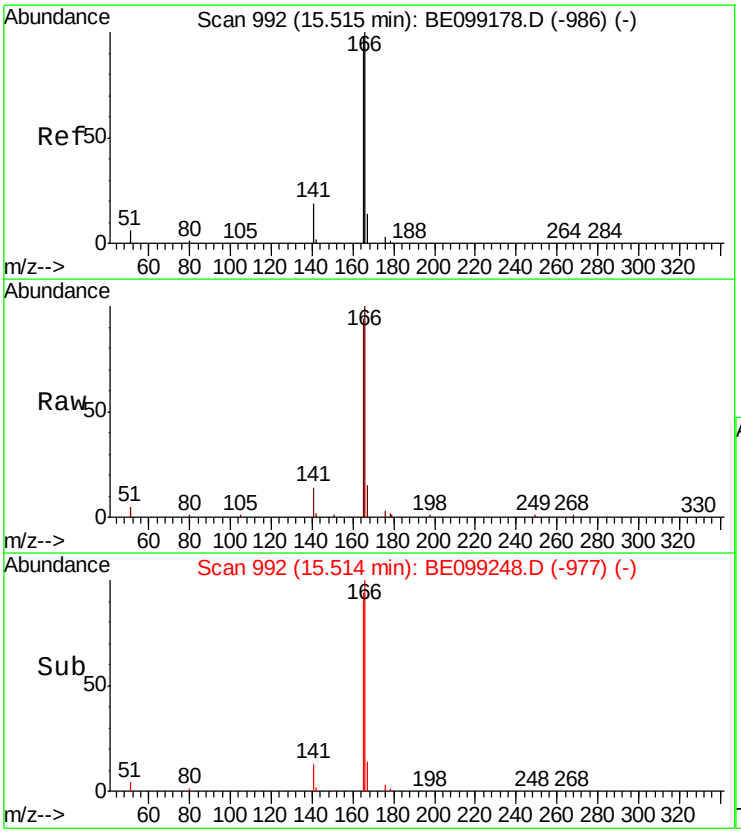
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14130

Ion	Ratio	Lower	Upper
154	100		
153	117.7	93.4	140.0
152	57.8	46.6	69.8

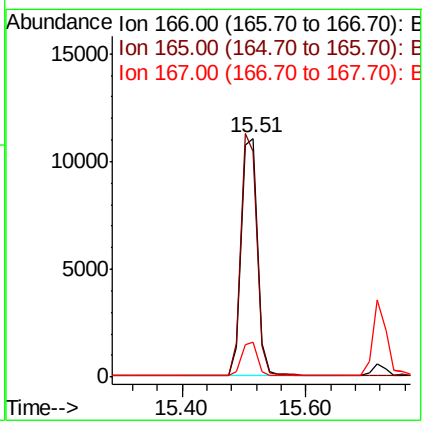


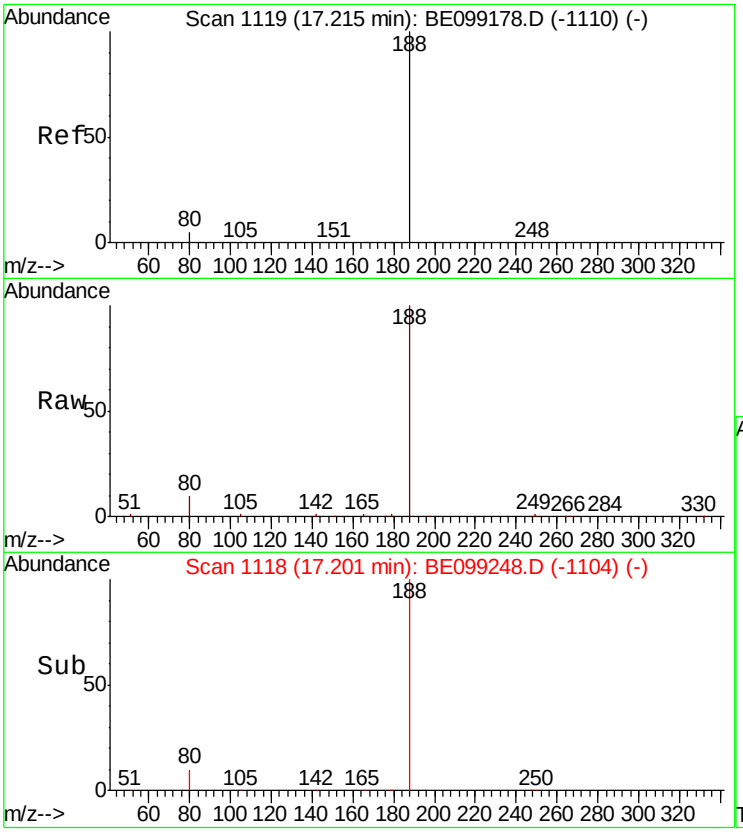


#18
Fluorene
Concen: 0.437 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:166 Resp: 20076

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.9	118.3
167	13.8	10.9	16.3



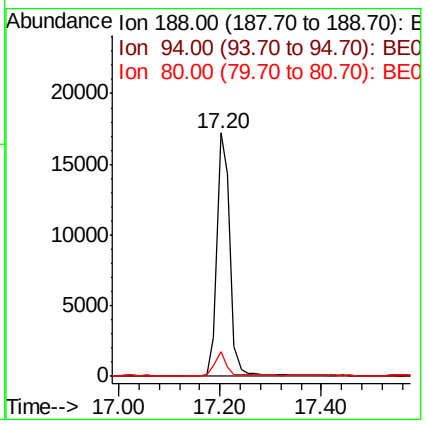


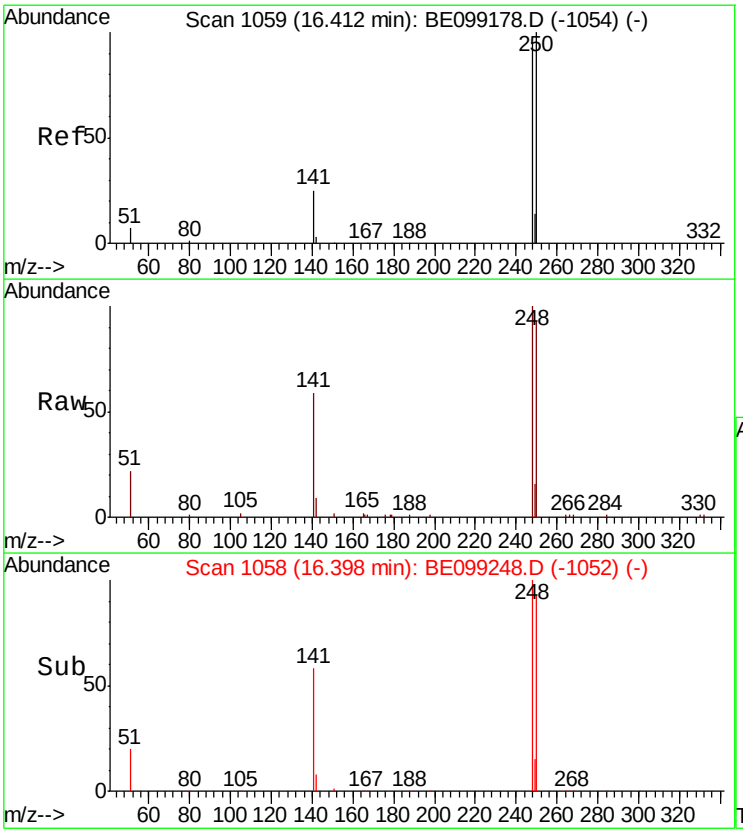
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 30287

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	4.5	6.7#

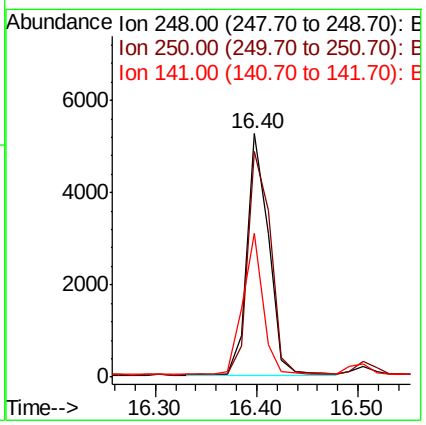


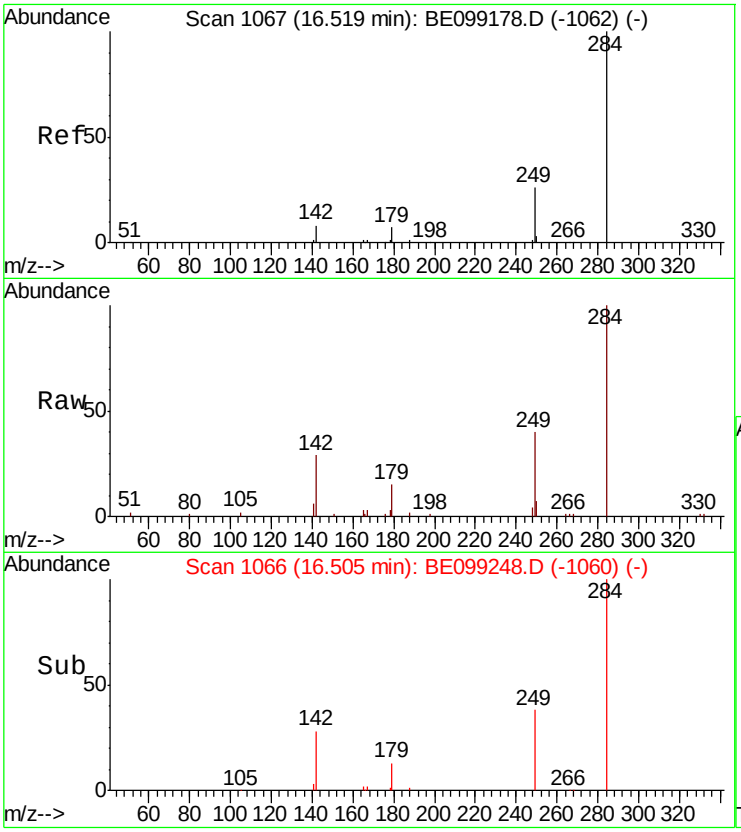


#20
4-Bromophenyl-phenylether
Concen: 0.395 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:248 Resp: 7727

Ion	Ratio	Lower	Upper
248	100		
250	92.8	84.2	126.2
141	58.9	21.8	32.6#



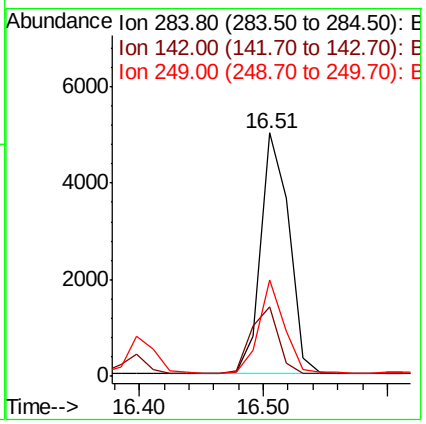


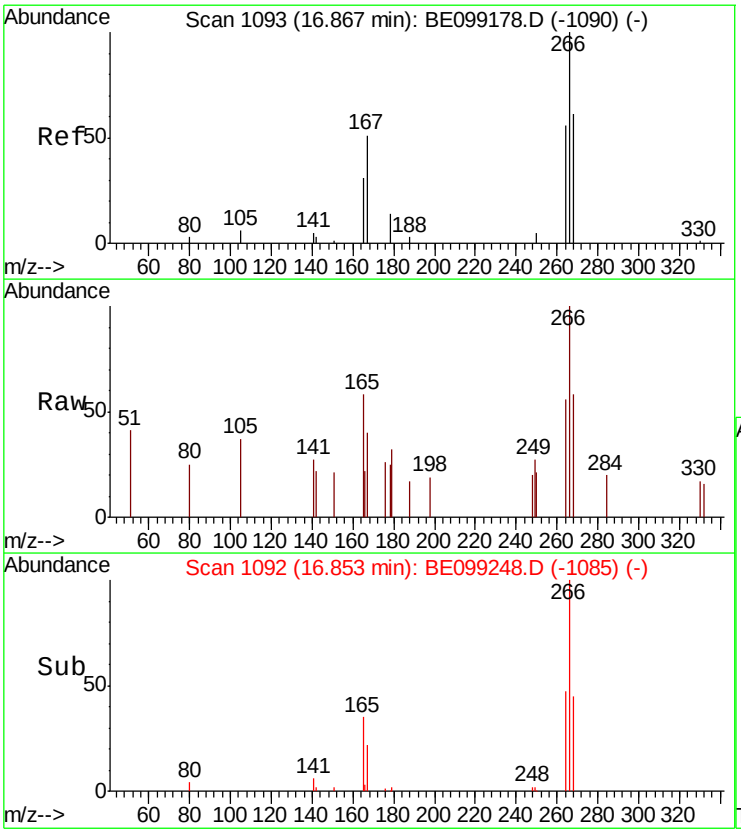
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7858

Ion	Ratio	Lower	Upper
284	100		
142	27.5	22.7	34.1
249	34.5	26.9	40.3

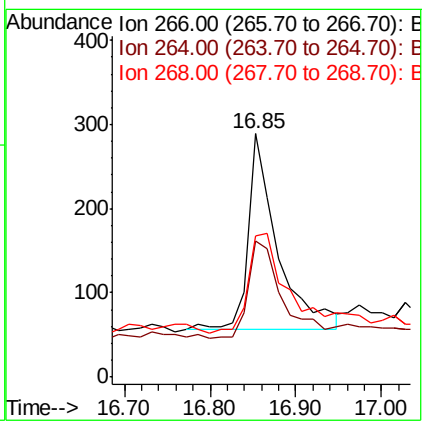


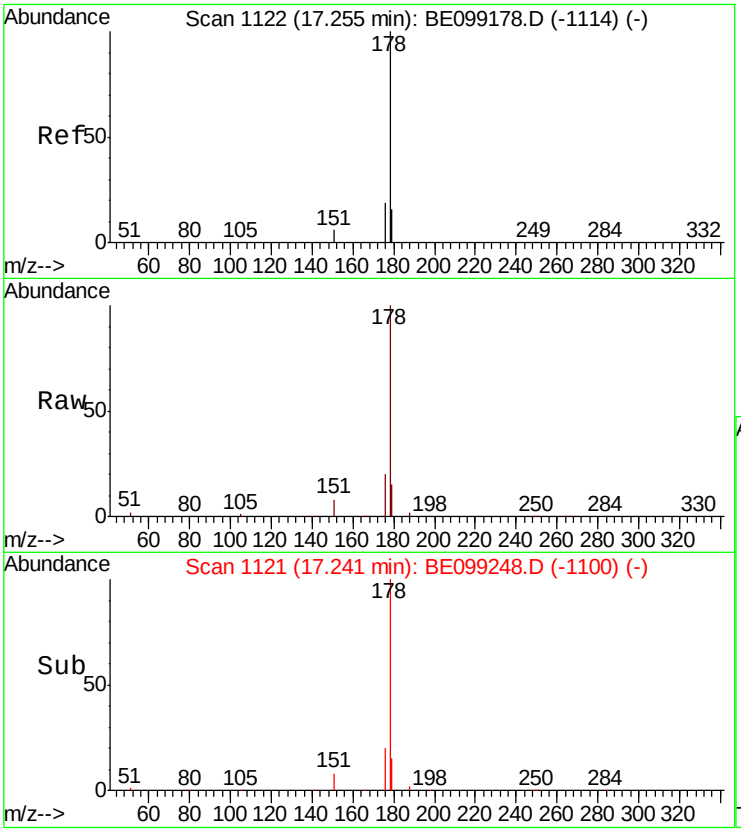


#22
Pentachlorophenol
Concen: 0.438 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:266 Resp: 554

Ion	Ratio	Lower	Upper
266	100		
264	55.7	54.4	81.6
268	58.1	61.3	91.9#



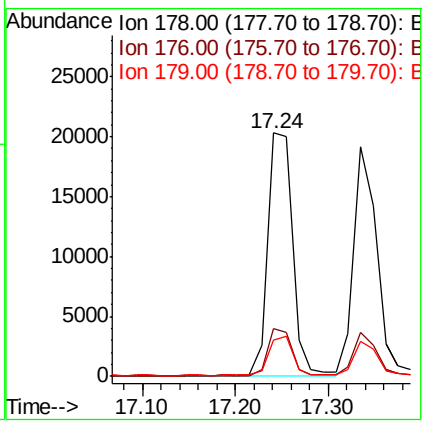


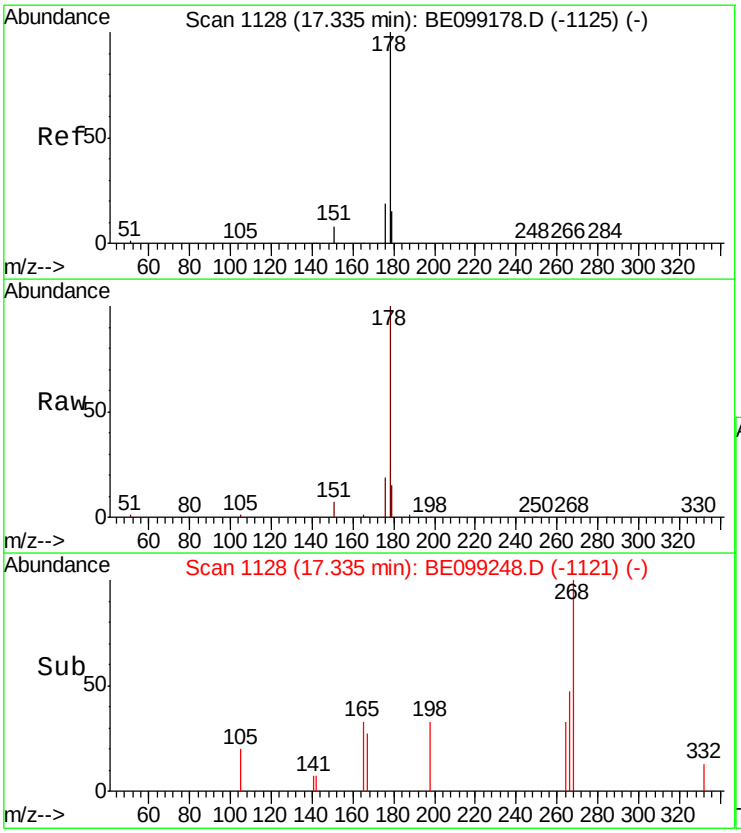
#23
Phenanthrene
Concen: 0.421 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 37407

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.3	18.5

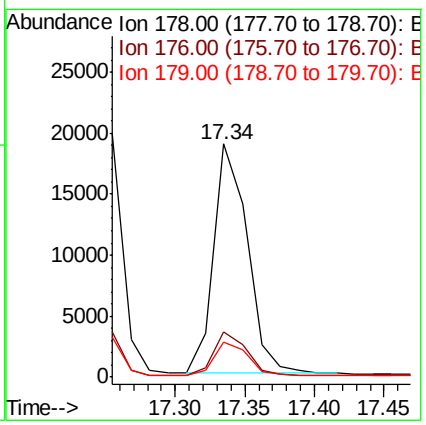


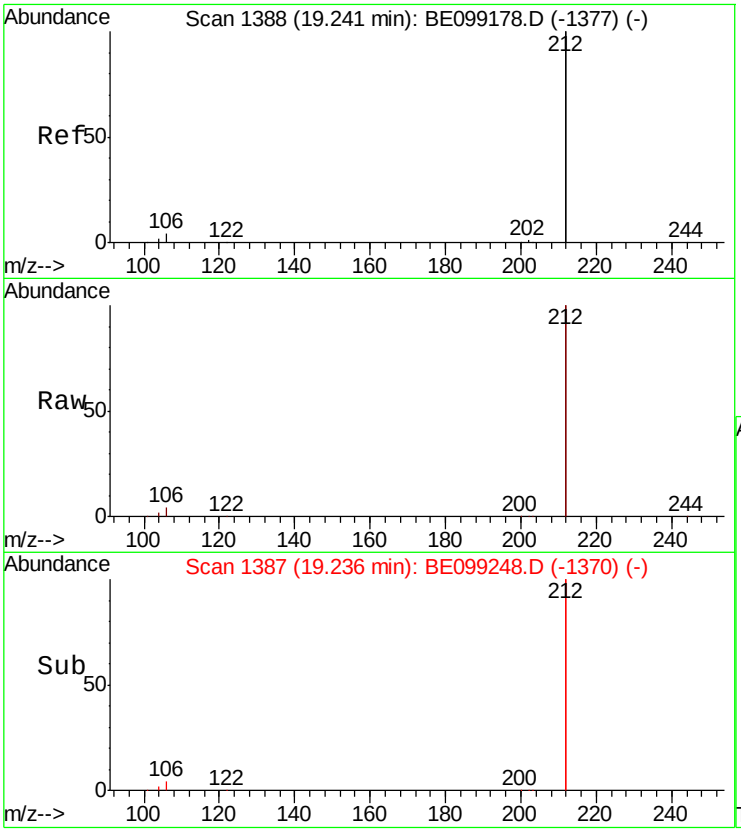


#24
Anthracene
Concen: 0.393 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:178 Resp: 31596

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.3	12.4	18.6



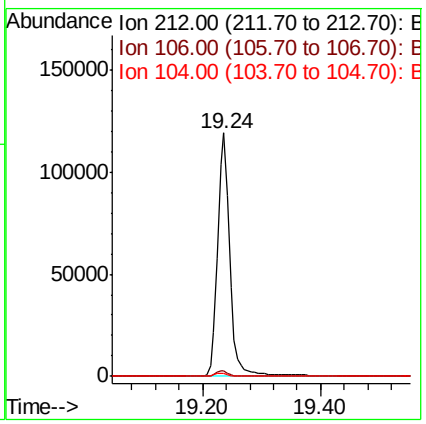


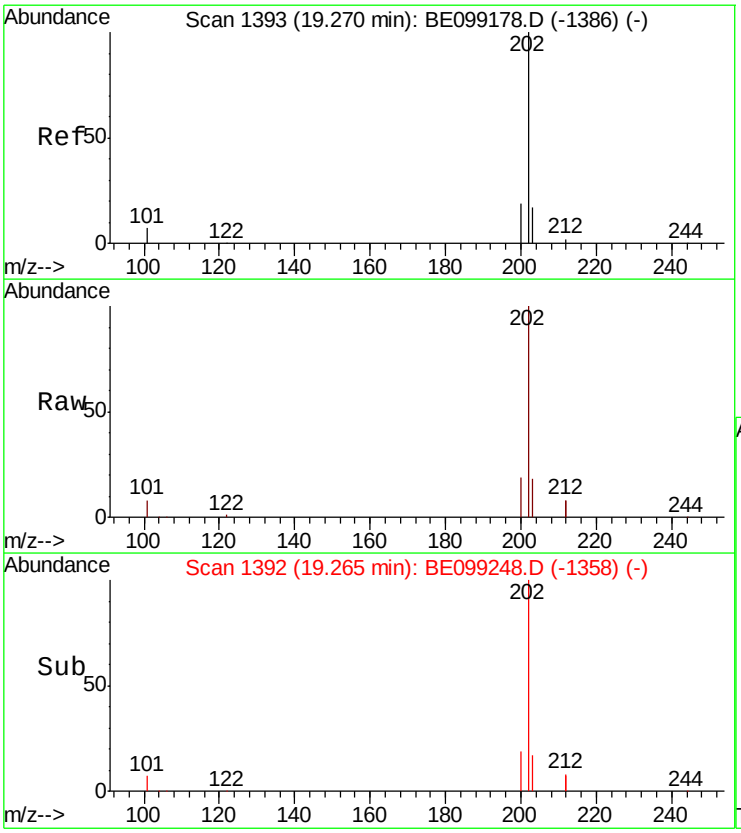
#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 169115

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.2	1.1	1.7

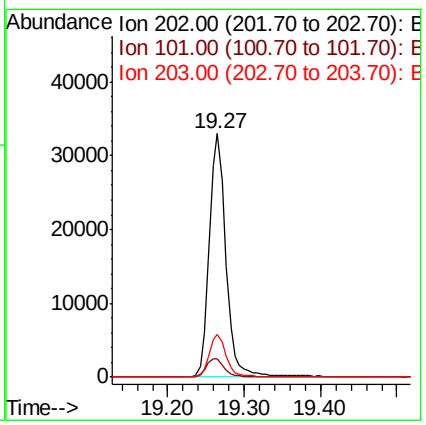


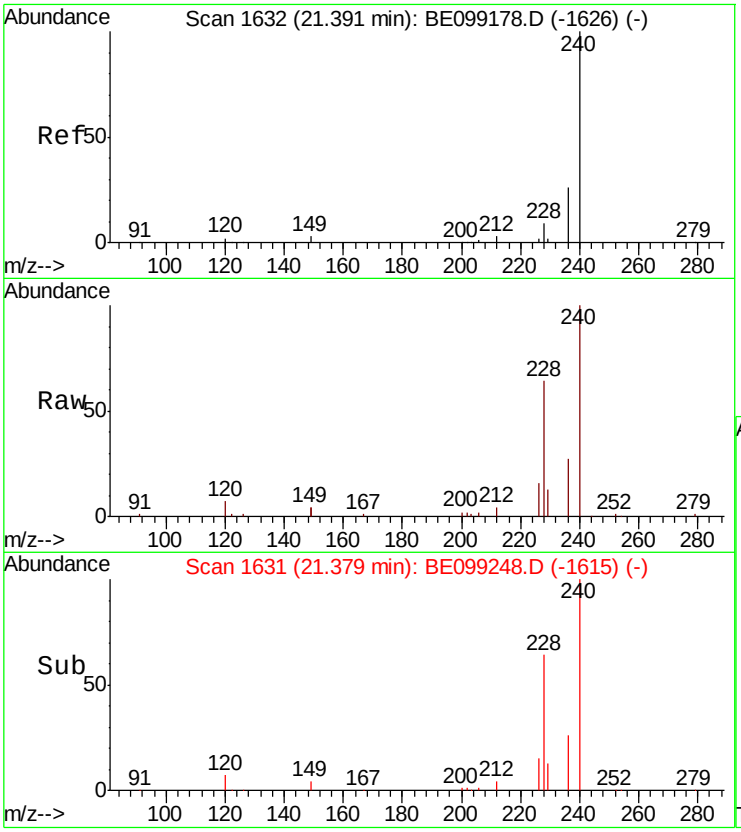


#26
Fluoranthene
Concen: 0.431 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:202 Resp: 48877

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.0	10.4
203	17.3	13.8	20.6



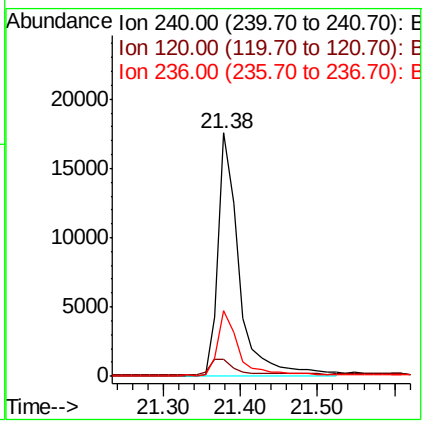


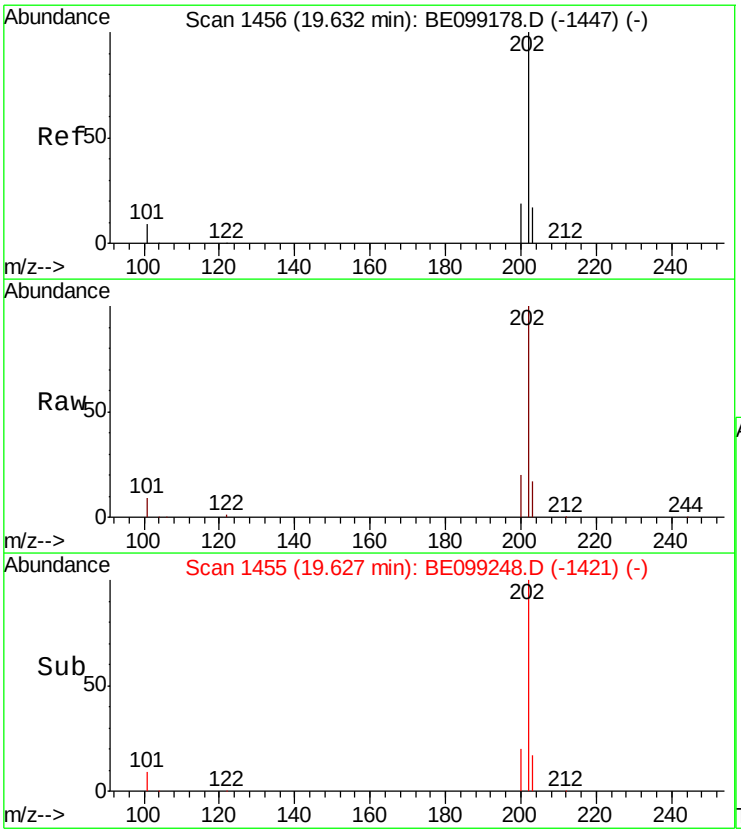
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 33015

Ion	Ratio	Lower	Upper
240	100		
120	7.3	2.6	3.8#
236	26.8	20.9	31.3

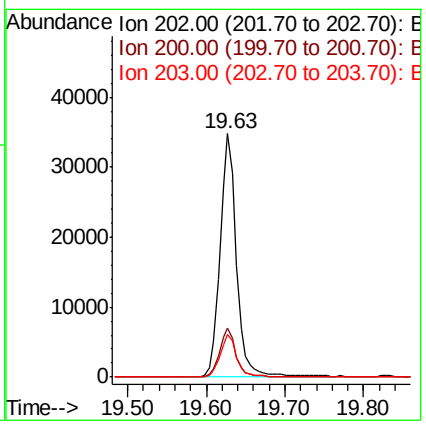


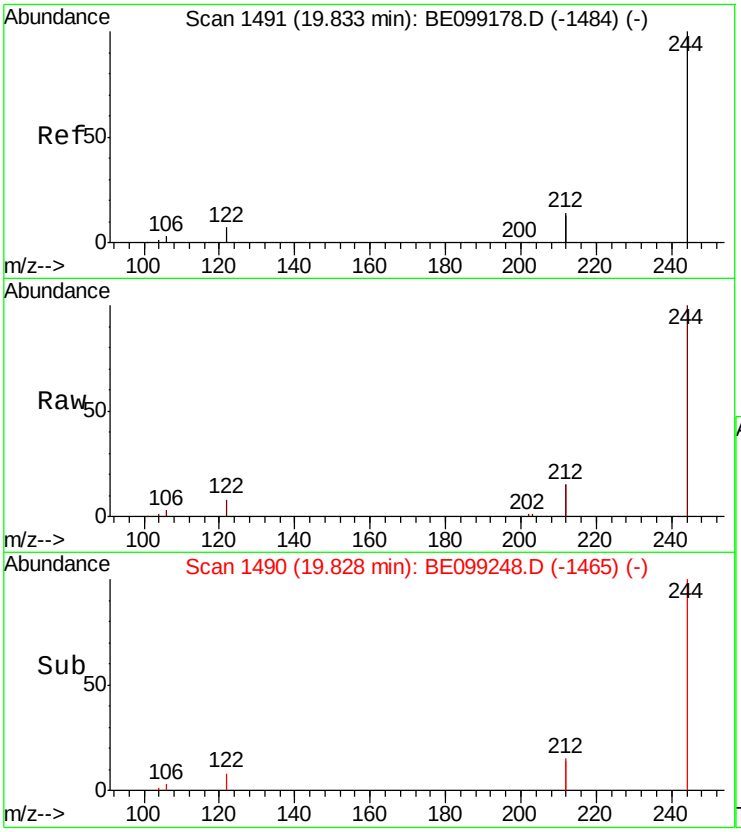


#28
Pyrene
Concen: 0.452 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:202 Resp: 49602

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.8	23.8
203	17.3	14.1	21.1



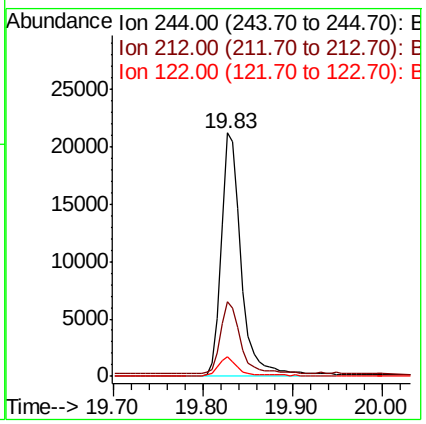


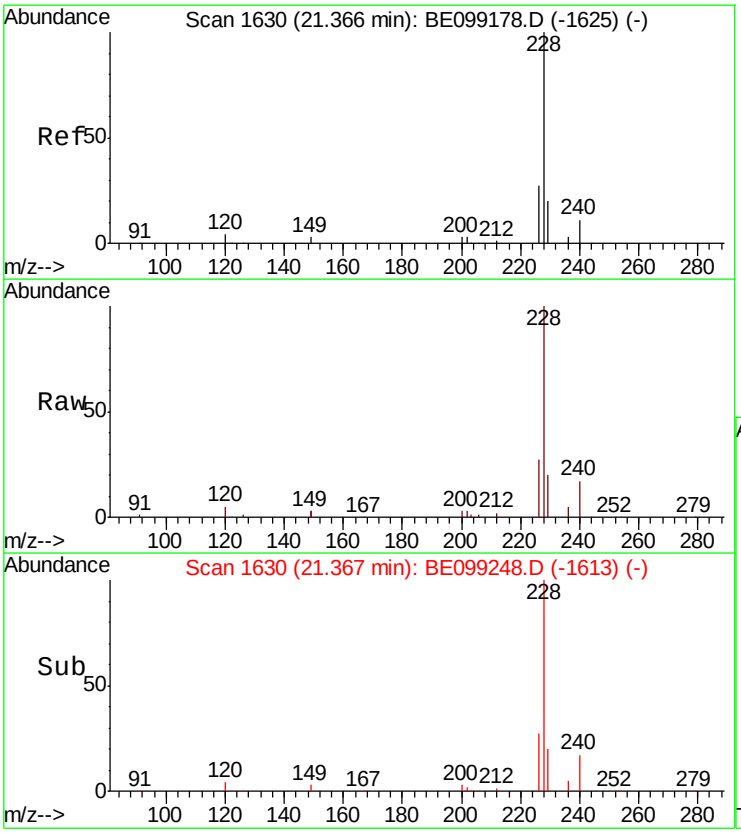
#29
Terphenyl-d14
Concen: 0.455 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 32660

Ion	Ratio	Lower	Upper
244	100		
212	30.6	22.7	34.1
122	7.9	5.8	8.6

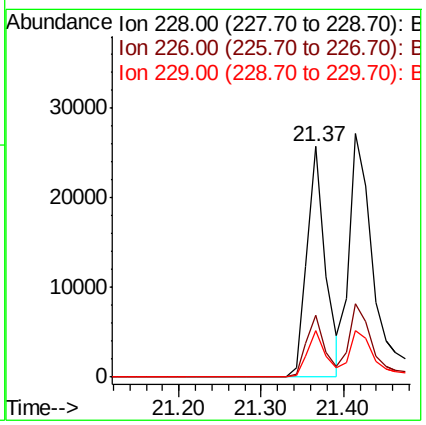


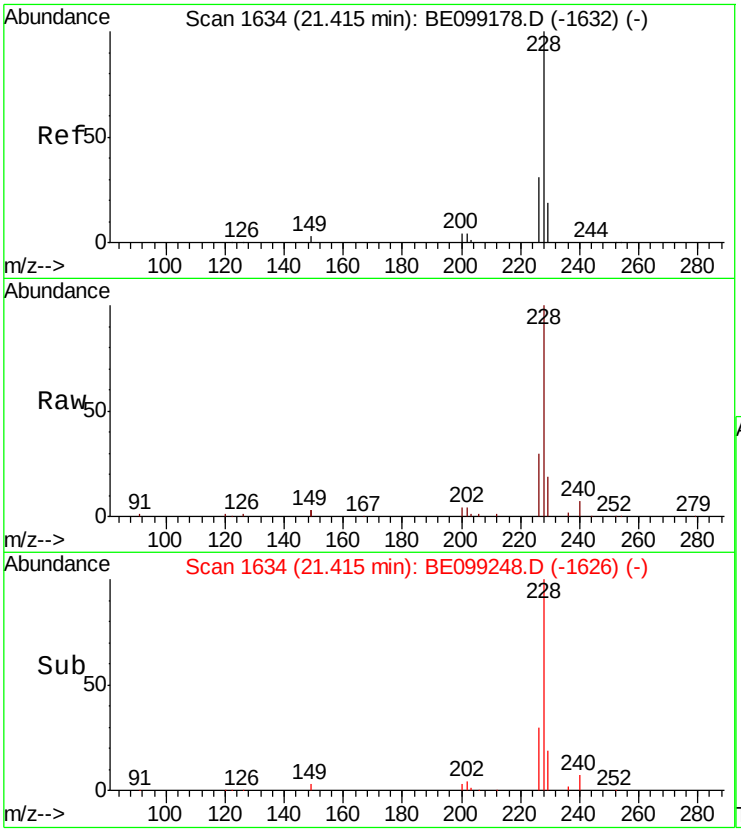


#30
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:228 Resp: 39825

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.3	15.9	23.9



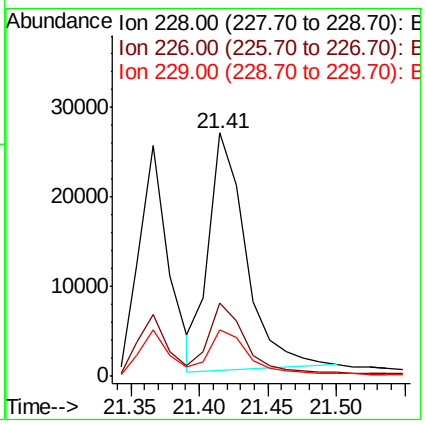


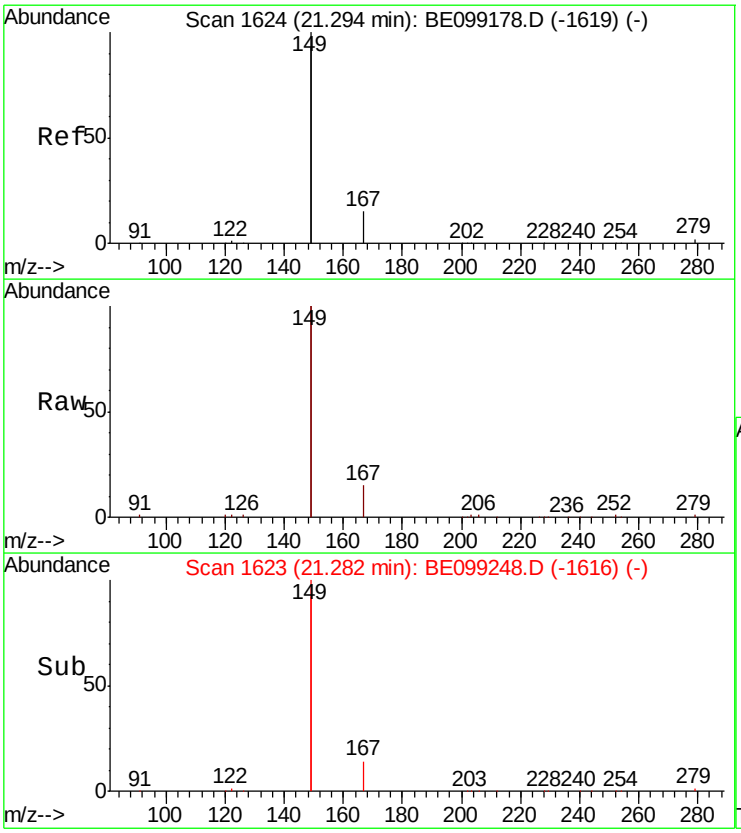
#31
Chrysene
Concen: 0.429 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 49954

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	18.9	15.4	23.0

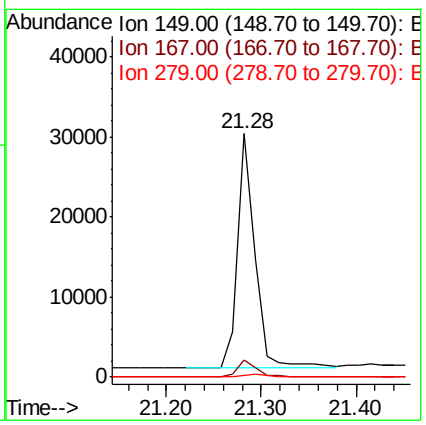


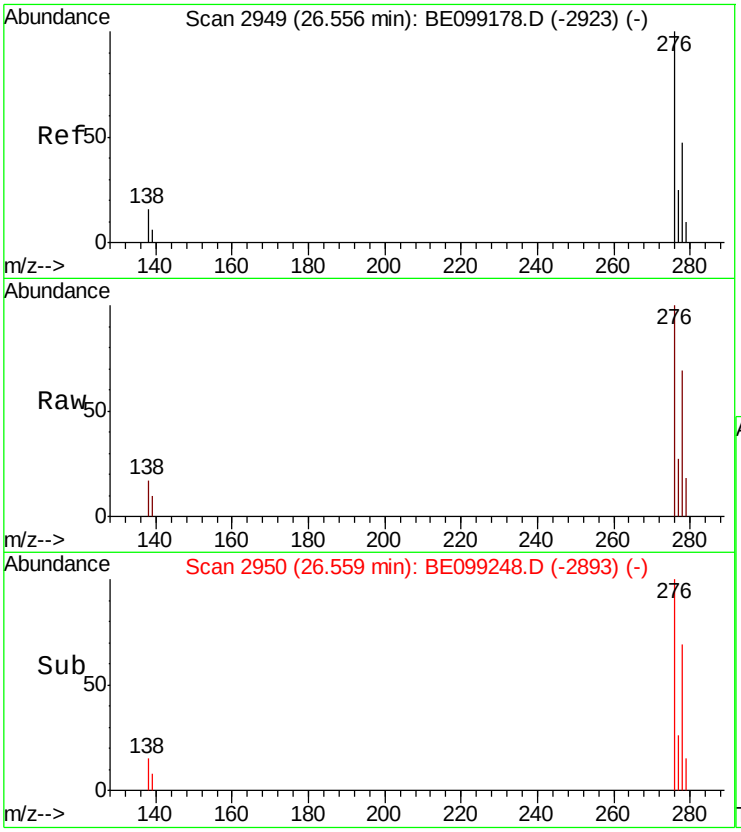


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.287 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:149 Resp: 37342

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.3	1.0	1.6



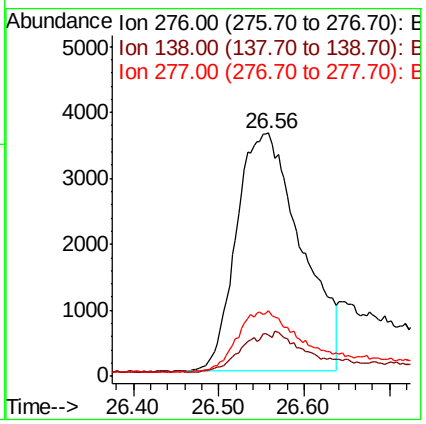


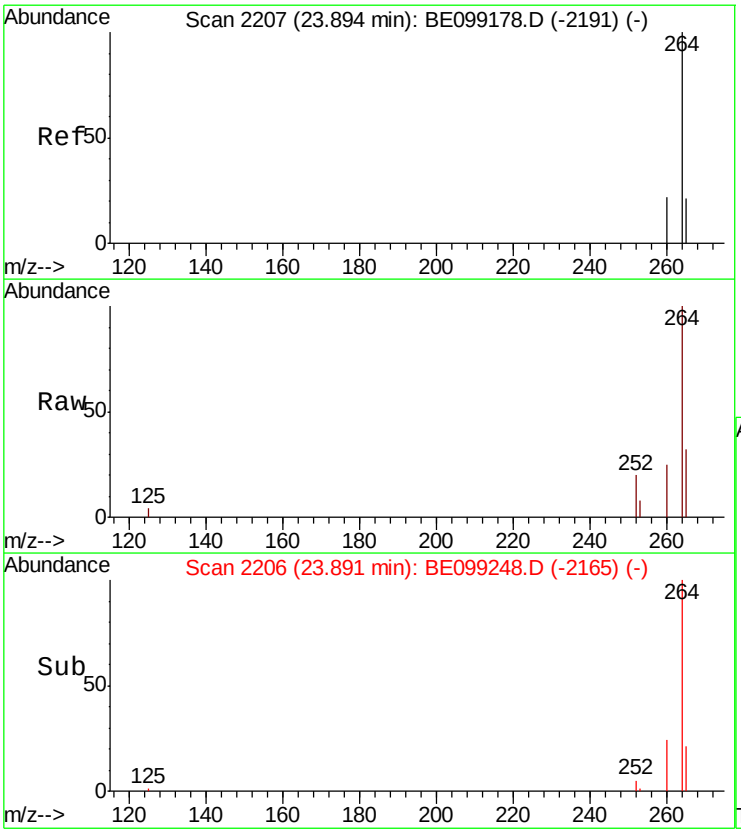
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng
RT: 26.56 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18968

Ion	Ratio	Lower	Upper
276	100		
138	7.9	12.9	19.3#
277	26.7	18.3	27.5

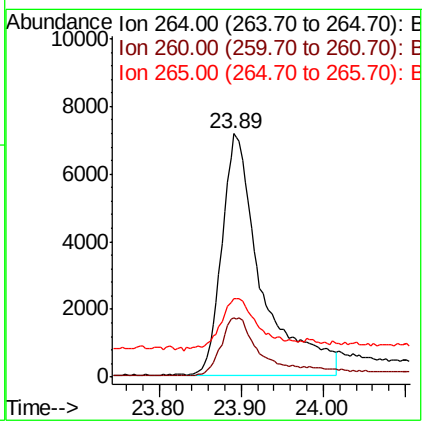


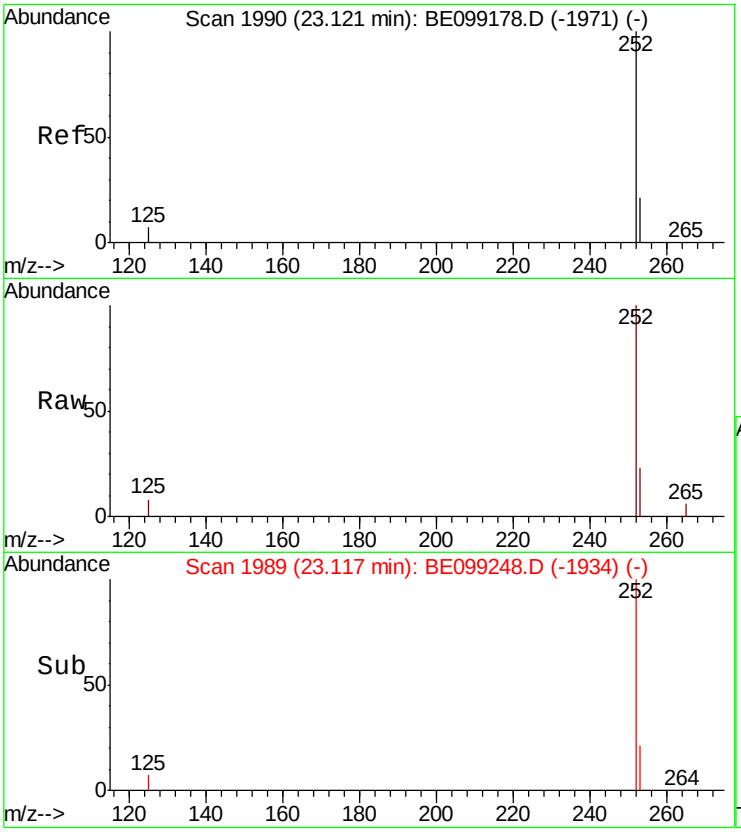


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:264 Resp: 23883

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	32.3	21.8	32.8



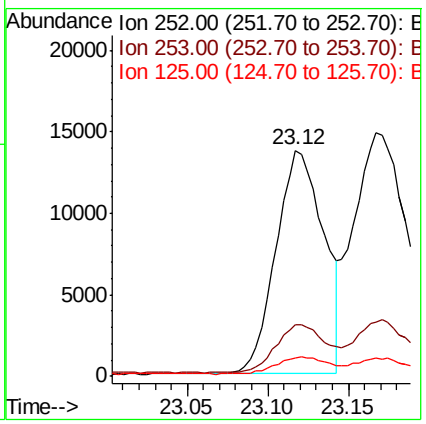


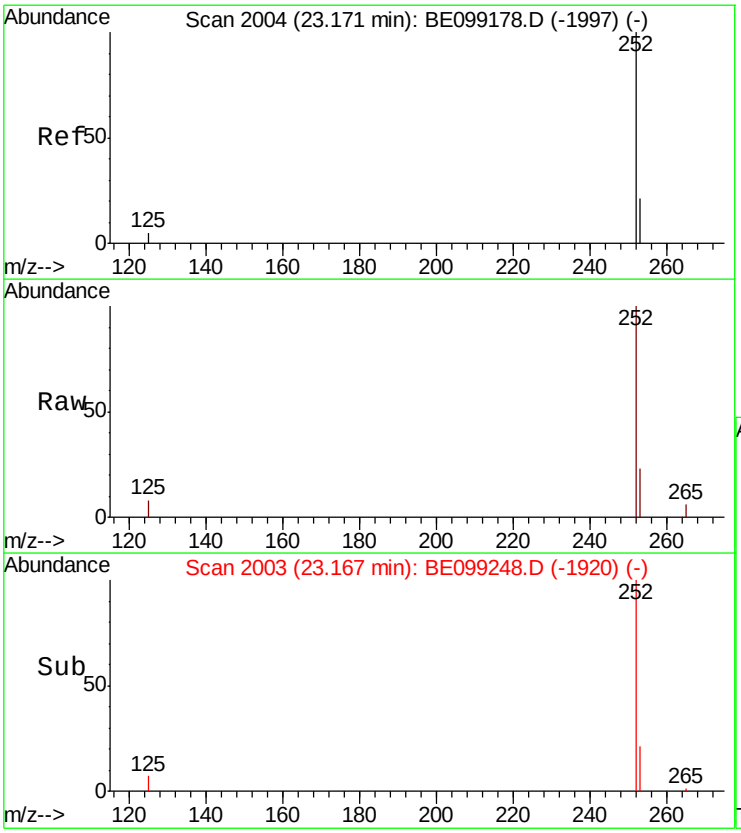
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28363

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.2	6.1	9.1

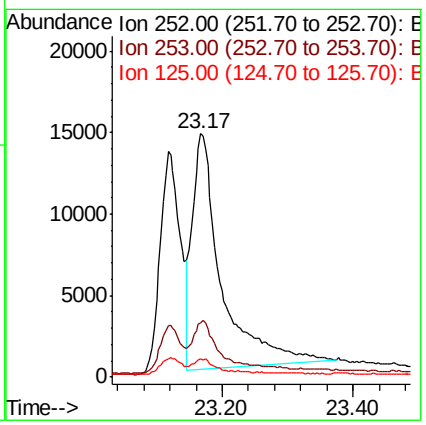


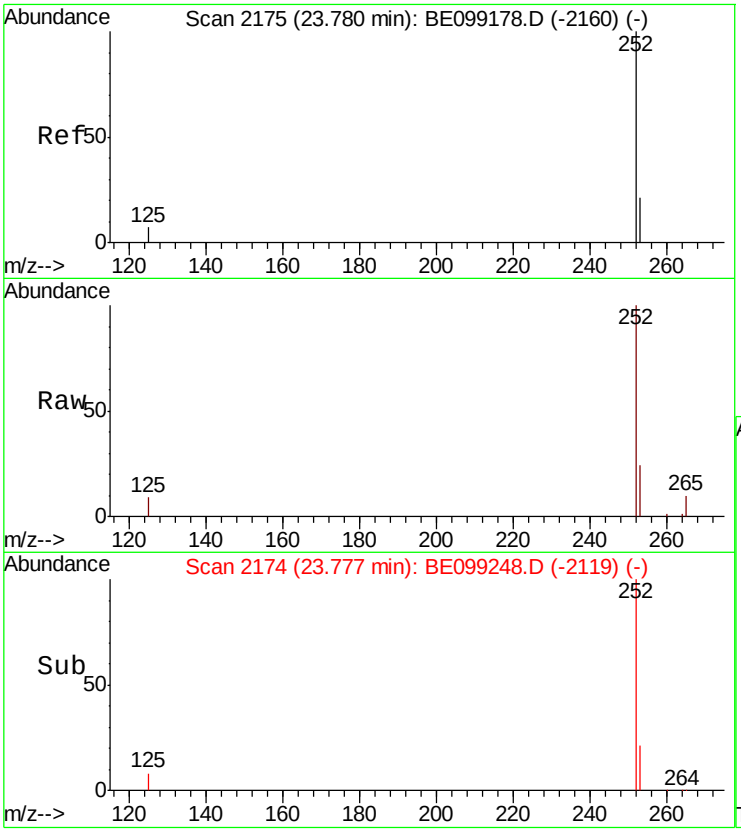


#36
Benzo(k)fluoranthene
Concen: 0.542 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:252 Resp: 45026

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	7.7	5.9	8.9



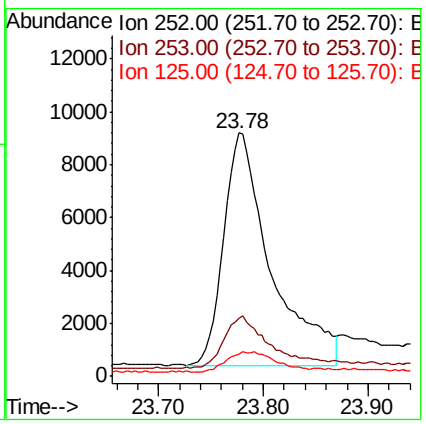


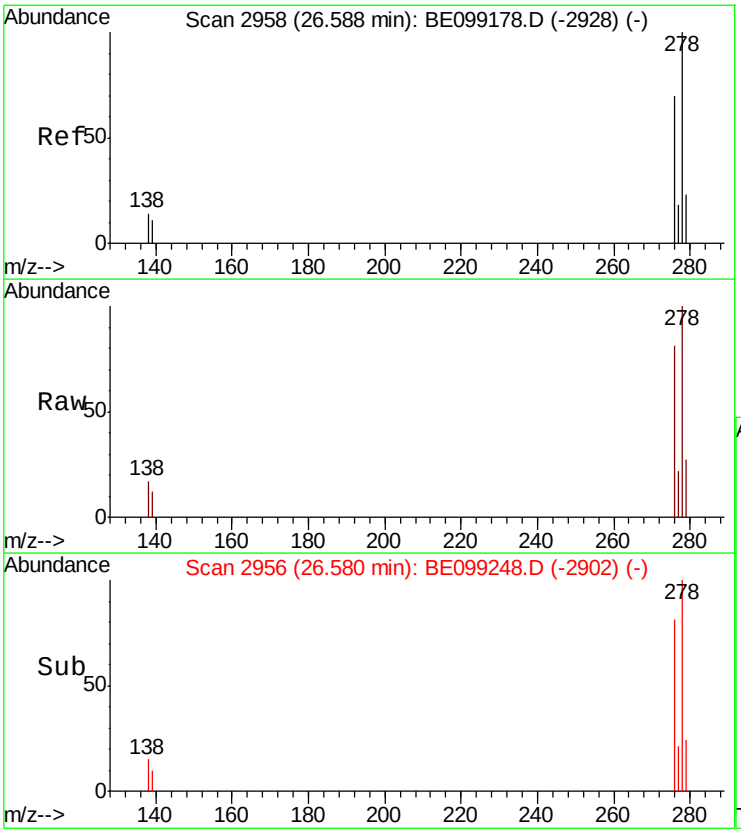
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.78 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 27587

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	9.1	6.8	10.2

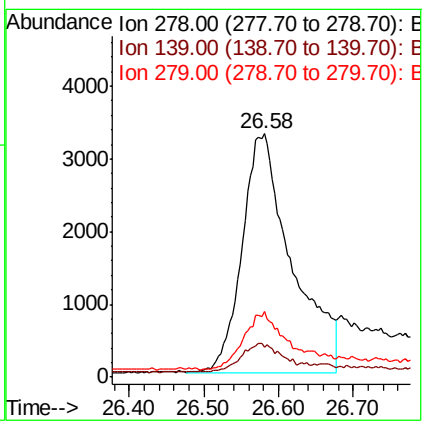


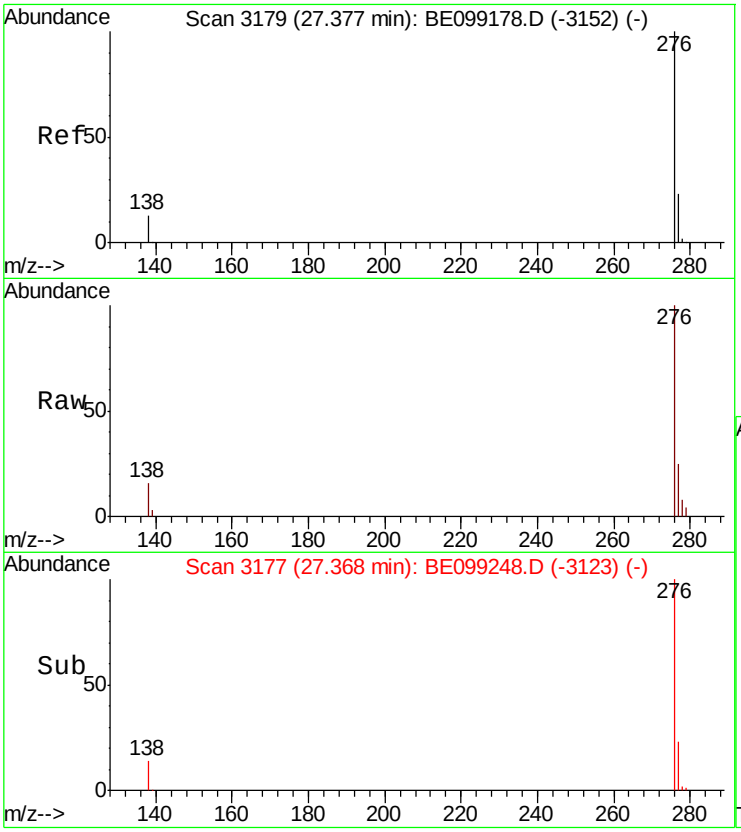


#38
Dibenzo(a,h)anthracene
Concen: 0.233 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Tgt Ion:278 Resp: 15163

Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.5	14.3
279	26.7	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.284 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE099248.D
Acq: 29 Mar 2019 10:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18569

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	15.7	11.1	16.7