Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099268.D
Acq On : 30 Mar 2019 00:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 30 01:21:03 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	4222	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	18416	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	13497	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	34020	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	41924	0.40	ng		-0.01
34) Perylene-d12	23.89	264	41985	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	5525	0.44	ng		0.00
5) Phenol-d6	6.99	99	8638	0.45	ng		0.00
8) Nitrobenzene-d5	8.98	82	7603	0.51	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	16022	0.45	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	2875	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	24943	0.45	ng		0.00
25) Fluoranthene-d10	19.23	212	201875	0.49	ng		0.00
29) Terphenyl-d14	19.83	244	40200	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2034	0.365	ng	#	90
3) n-Nitrosodimethylamine	3.66	42	1246	0.400	ng	#	92
6) bis(2-Chloroethyl)ether	7.25	93	6450	0.426	ng		95
9) Naphthalene	10.67	128	95824	0.441	ng		99
10) Hexachlorobutadiene	10.95	225	5749	0.497	ng		98
12) 2-Methylnaphthalene	12.30	142	16998	0.438	ng		98
16) Acenaphthylene	14.20	152	30235	0.439	ng		100
17) Acenaphthene	14.53	154	17800	0.433	ng		98
18) Fluorene	15.50	166	24309	0.420	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	9626	0.439	ng	#	87
21) Hexachlorobenzene	16.51	284	9403	0.443	ng		98
22) Pentachlorophenol	16.85	266	3158	1.147	ng		93
23) Phenanthrene	17.24	178	42686	0.427	ng		100
24) Anthracene	17.34	178	40024	0.443	ng		99
26) Fluoranthene	19.26	202	57706	0.453	ng		99
28) Pyrene	19.62	202	59789	0.429	ng		100
30) Benzo(a)anthracene	21.37	228	62633	0.453	ng		99
31) Chrysene	21.41	228	62485	0.423	ng		97
32) Bis(2-ethylhexyl)phthalate	21.28	149	106097	0.643	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	62171	0.444	ng		97
35) Benzo(b)fluoranthene	23.16	252	59074	0.428	ng		99
36) Benzo(k)fluoranthene	23.16	252	59074	0.404	ng		99
37) Benzo(a)pyrene	23.77	252	54964	0.426	ng	#	97
38) Dibenzo(a,h)anthracene	26.57	278	51915	0.453	ng	#	96
39) Benzo(g,h,i)perylene	27.37	276	50975	0.443	ng		97

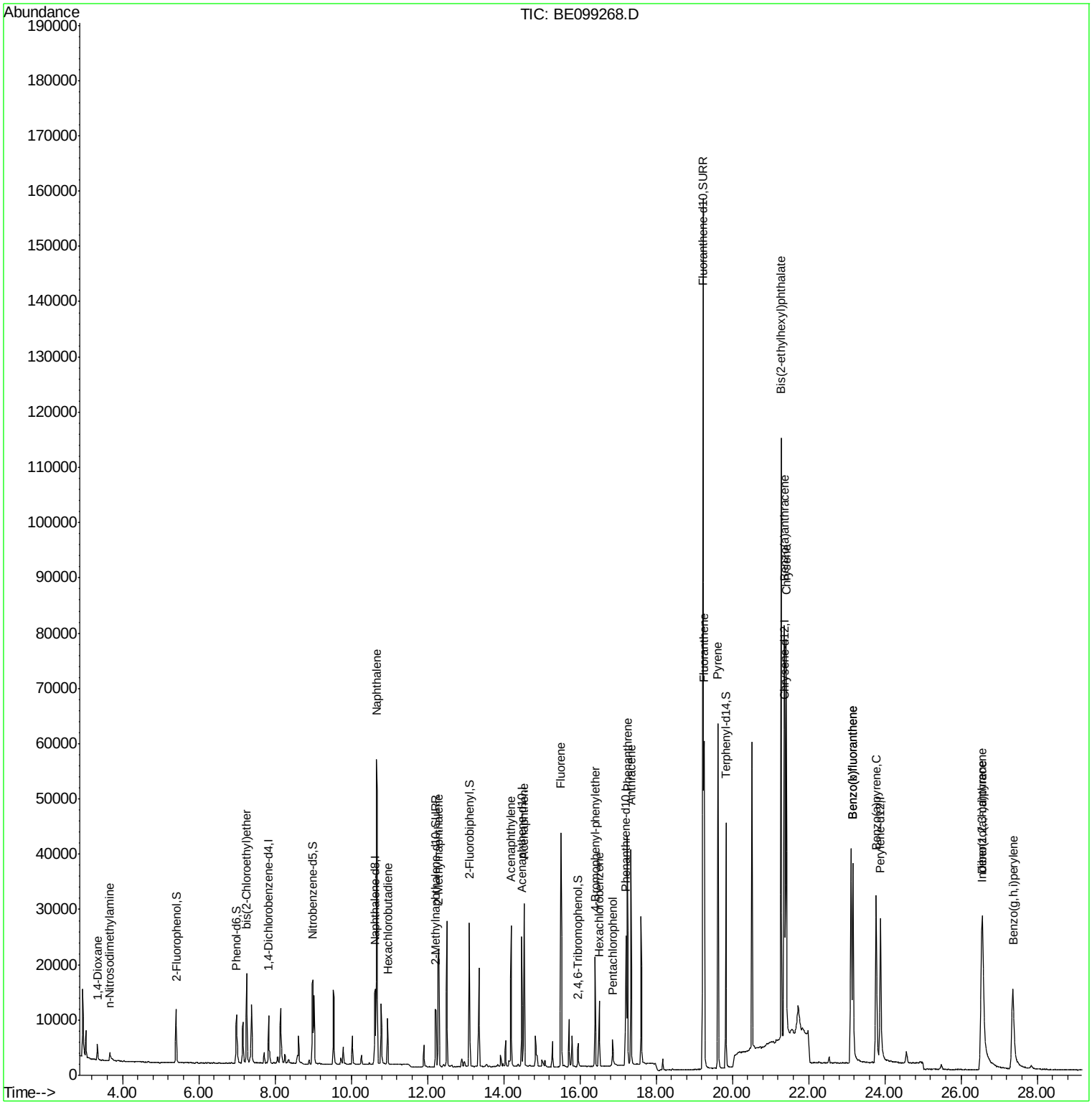
(#) = qualifier out of range (m) = manual integration (+) = signals summed

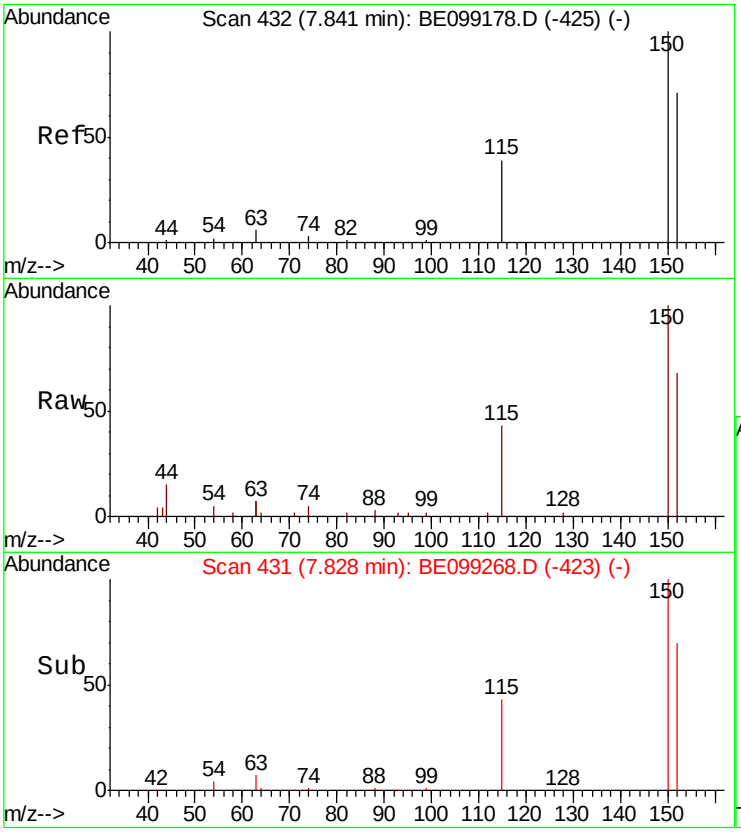
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099268.D
Acq On : 30 Mar 2019 00:43
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 30 01:21:03 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



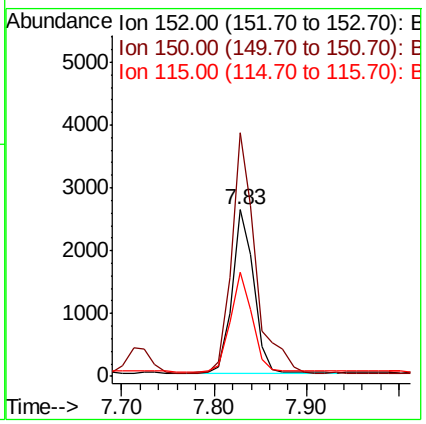


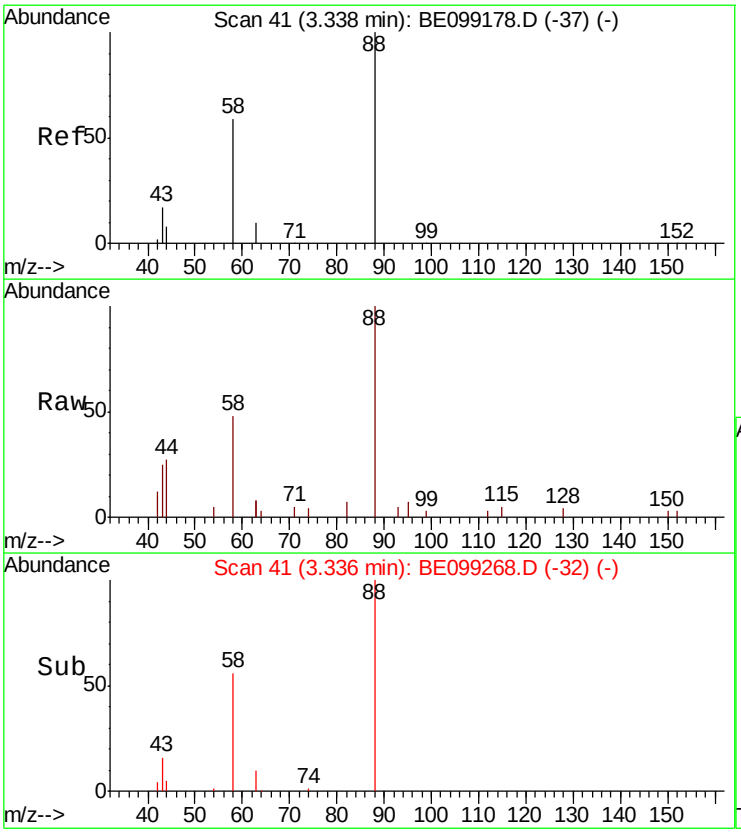
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4222

Ion	Ratio	Lower	Upper
152	100		
150	146.1	112.8	169.2
115	62.8	45.1	67.7

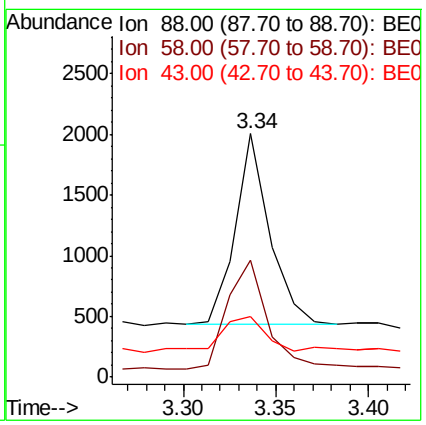


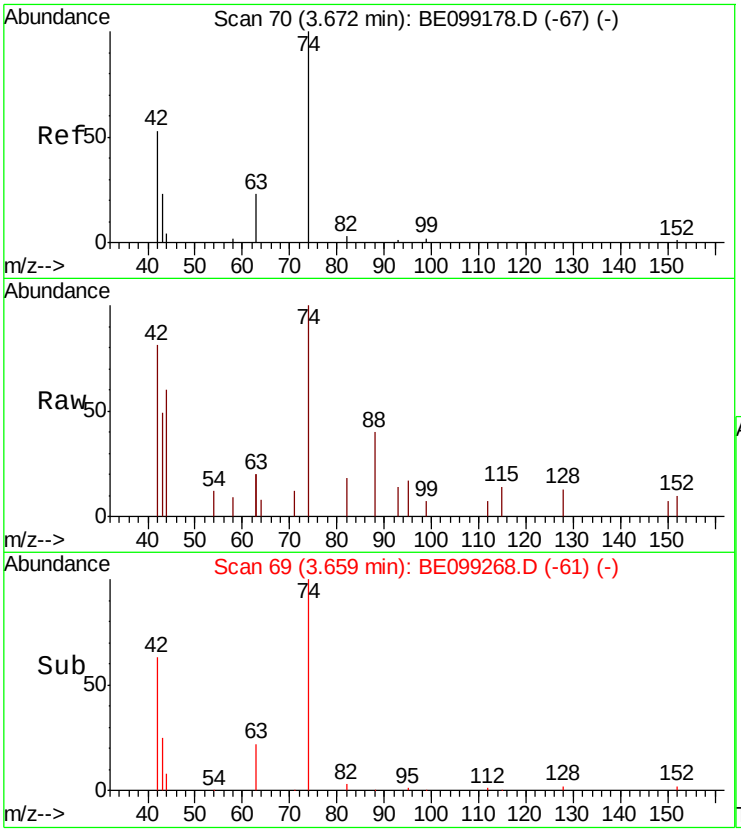


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion: 88 Resp: 2034

Ion	Ratio	Lower	Upper
88	100		
58	65.5	47.4	71.0
43	26.9	15.6	23.4#



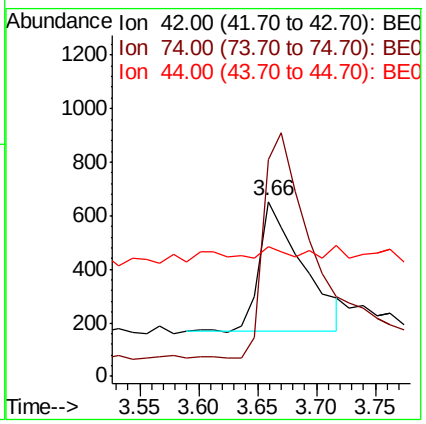


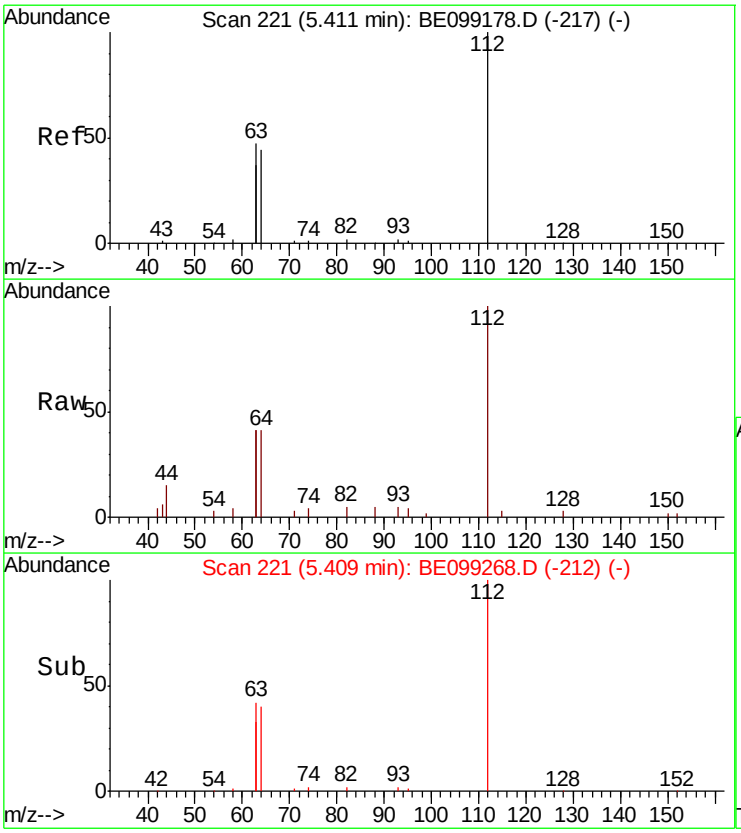
#3
n-Nitrosodimethylamine
Concen: 0.400 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1246

Ion	Ratio	Lower	Upper
42	100		
74	181.1	138.6	207.8
44	4.5	15.0	22.6#

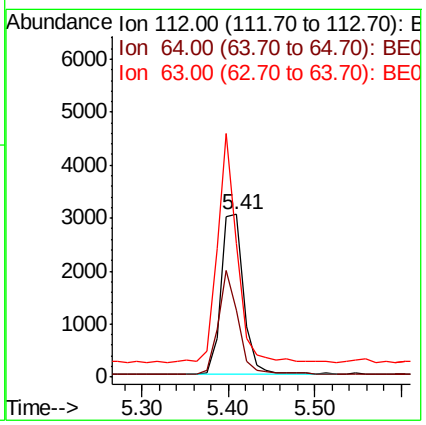


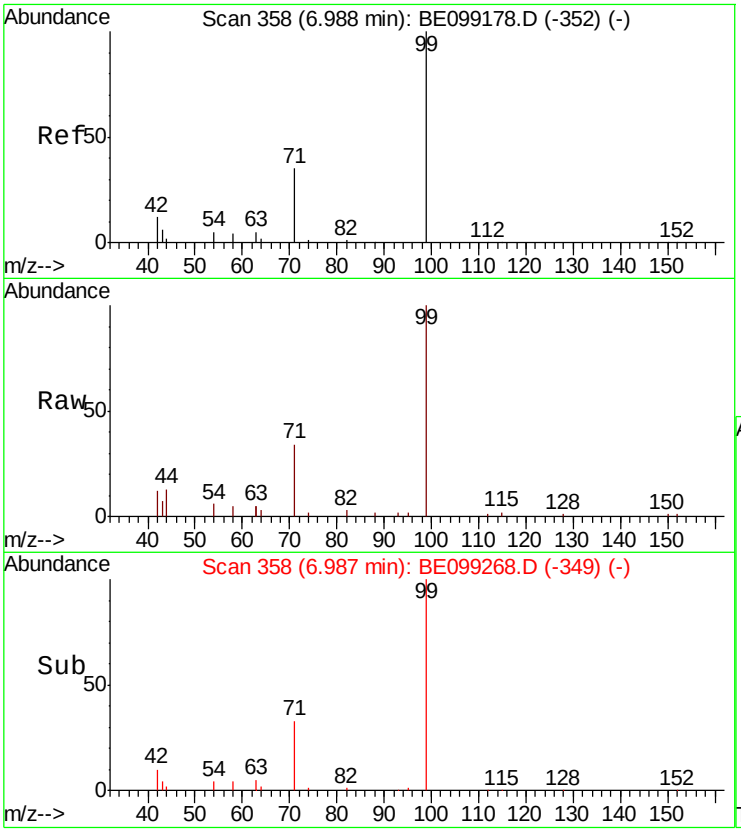


#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:112 Resp: 5525

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.2	69.2
63	125.4	89.9	134.9



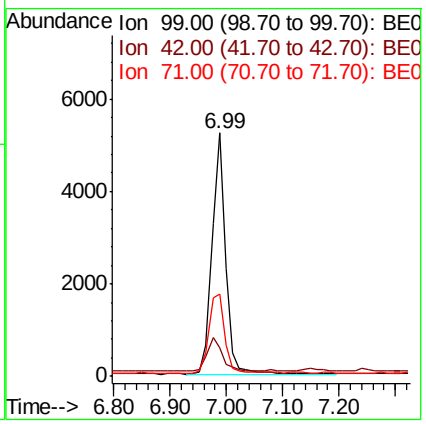


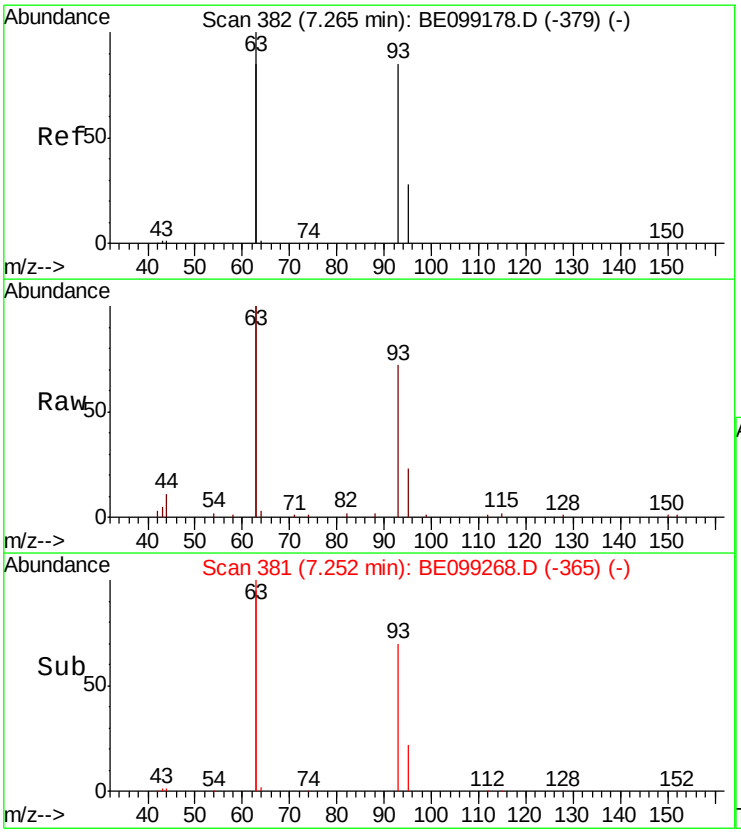
#5
Phenol-d6
Concen: 0.448 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8638

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.4	18.6
71	38.1	28.4	42.6

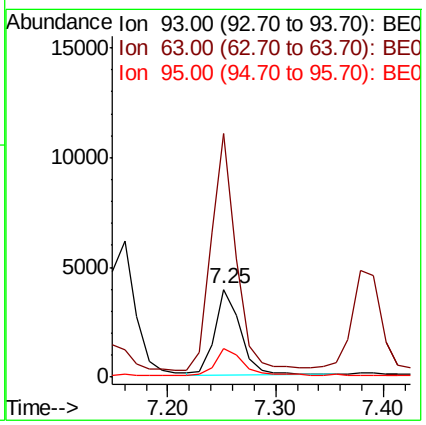


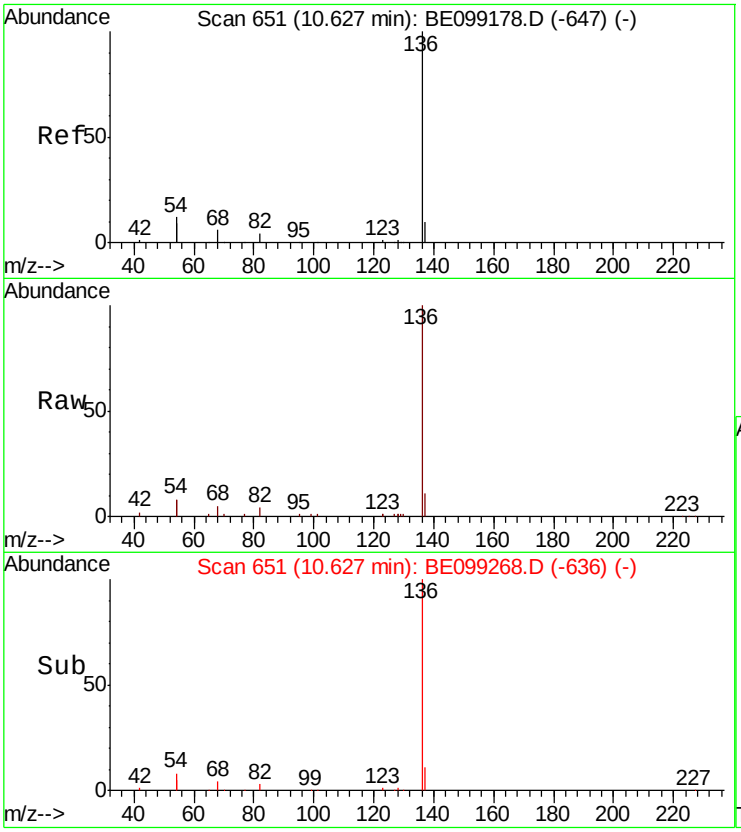


#6
bis(2-Chloroethyl)ether
Concen: 0.426 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion: 93 Resp: 6450

Ion	Ratio	Lower	Upper
93	100		
63	266.8	221.4	332.0
95	32.9	25.8	38.8



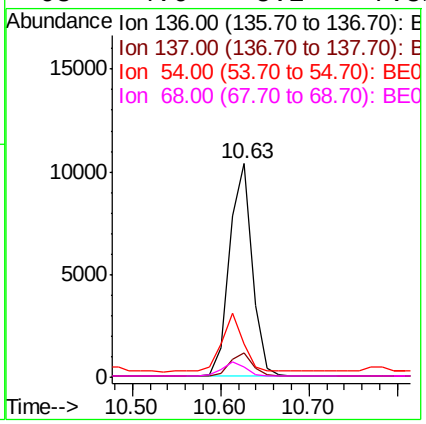


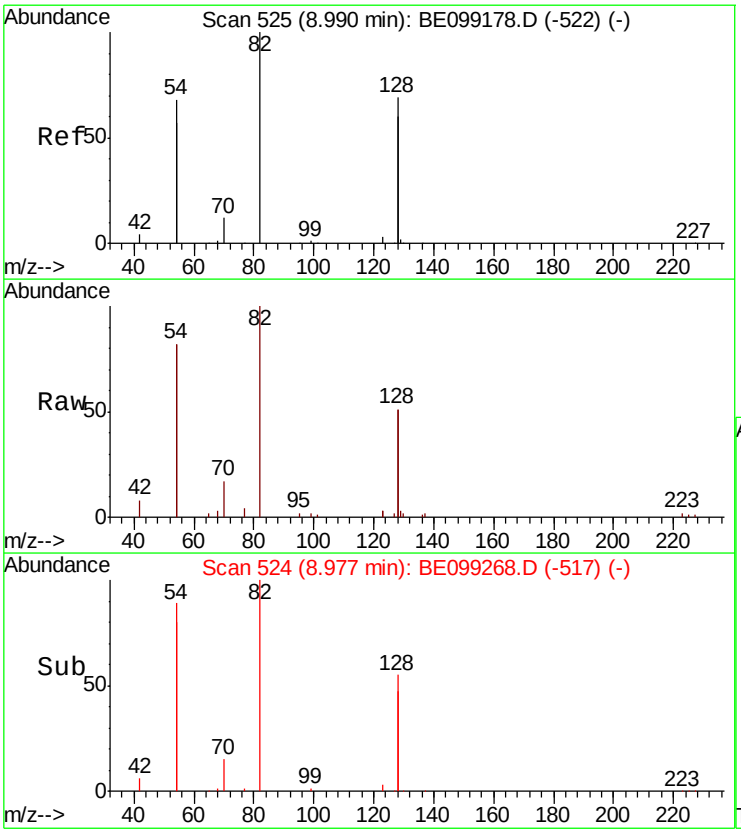
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18416

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	15.5	18.7	28.1#
68	4.6	5.2	7.8#

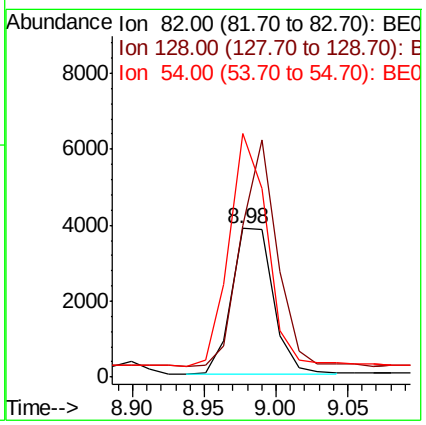


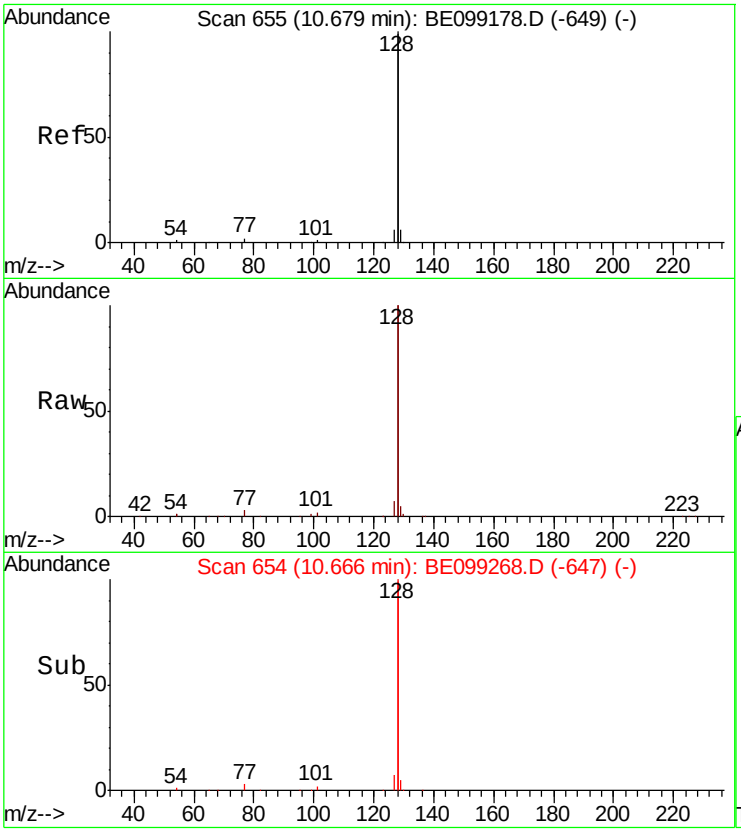


#8
Nitrobenzene-d5
Concen: 0.505 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion: 82 Resp: 7603

Ion	Ratio	Lower	Upper
82	100		
128	101.9	107.5	161.3#
54	164.2	106.3	159.5#



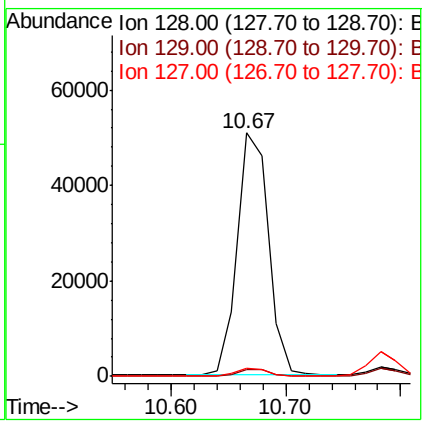


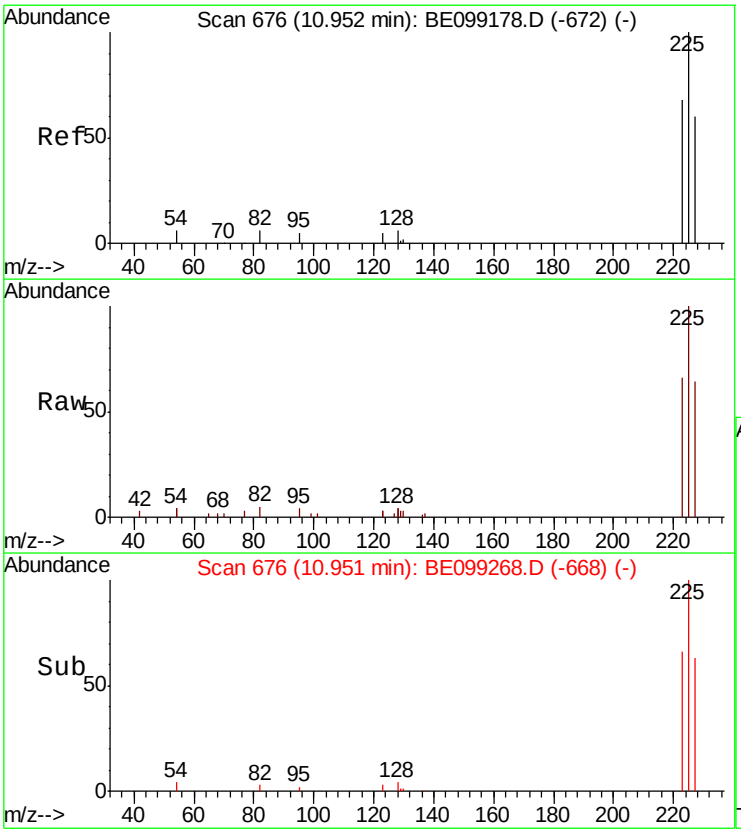
#9
Naphthalene
Concen: 0.441 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 95824

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

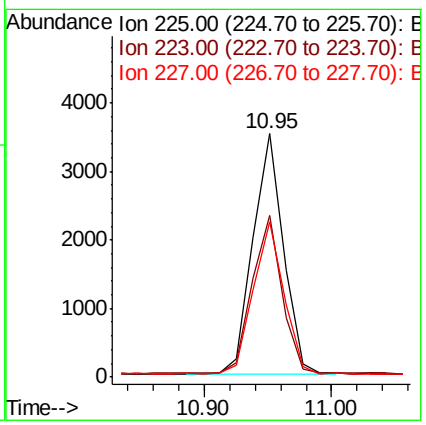


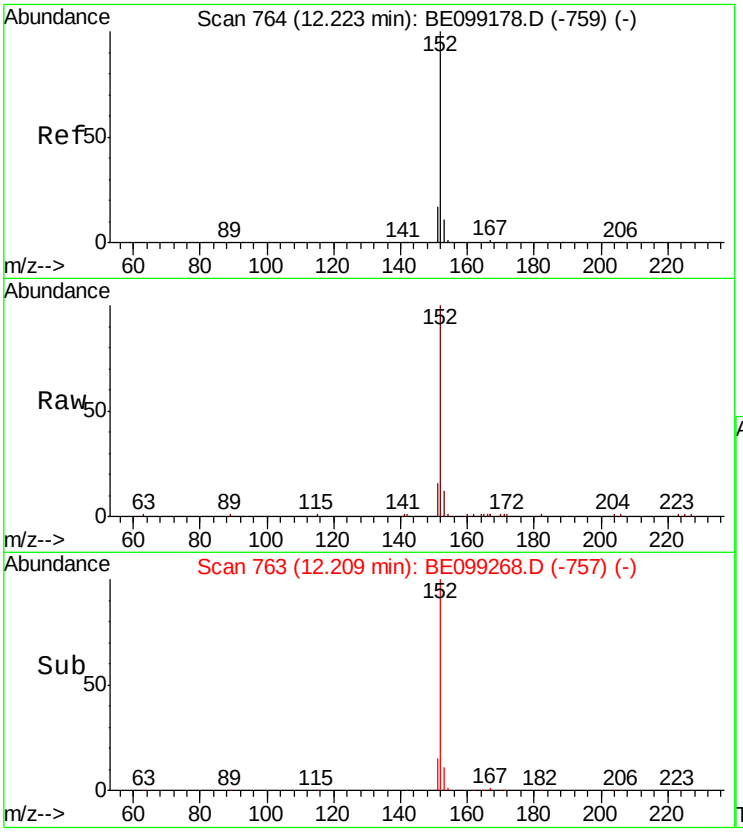


#10
Hexachlorobutadiene
Concen: 0.497 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:225 Resp: 5749

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.3	76.9
227	63.1	48.6	73.0



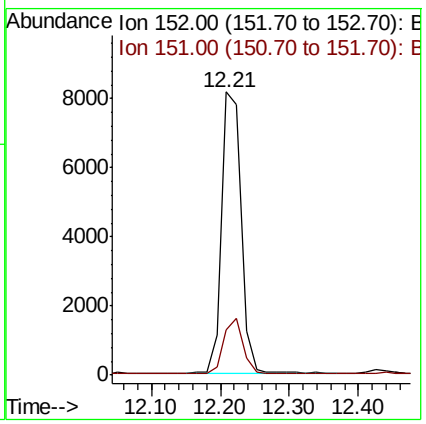


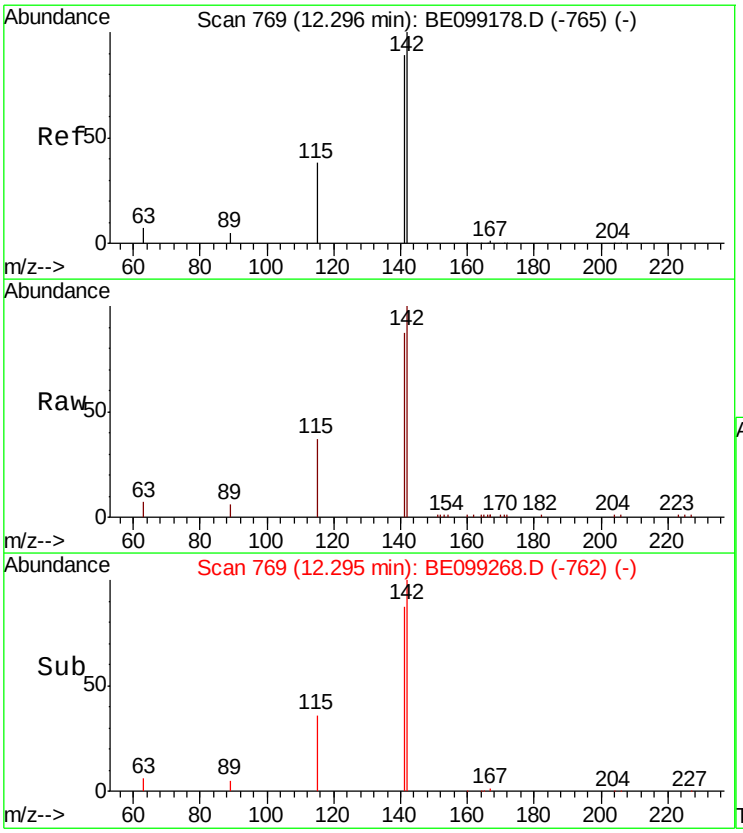
#11
2-Methylnaphthalene-d10
Concen: 0.452 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16022

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

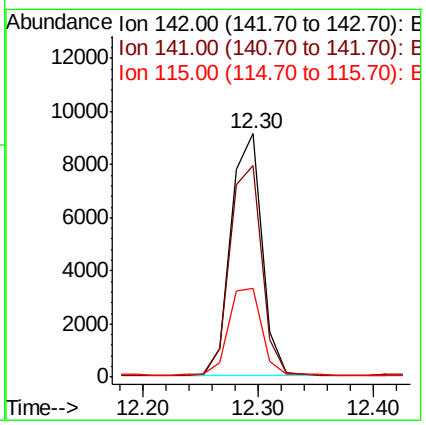


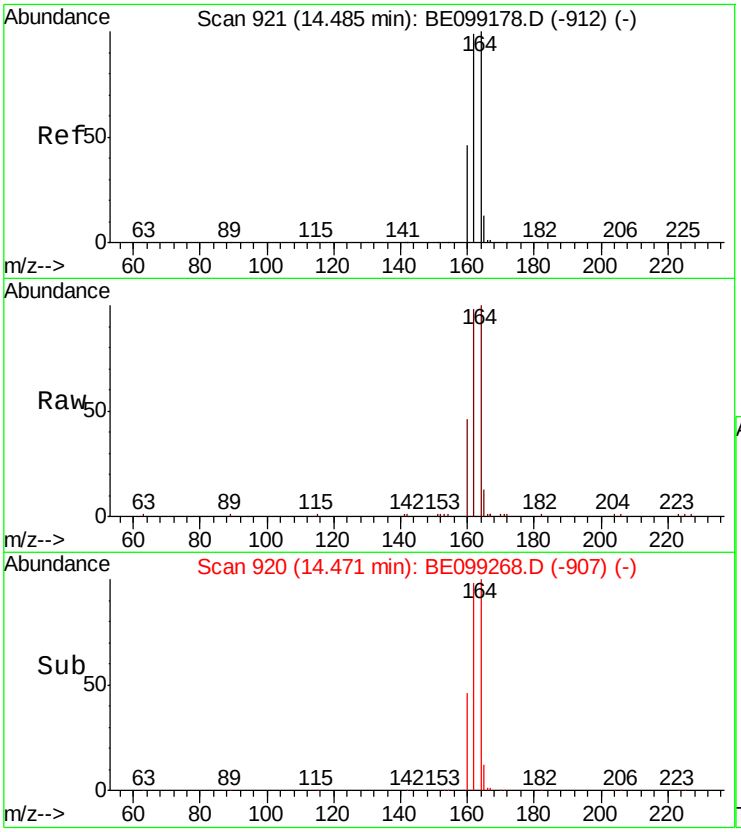


#12
2-Methylnaphthalene
Concen: 0.438 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:142 Resp: 16998

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.3	106.9
115	36.5	30.4	45.6



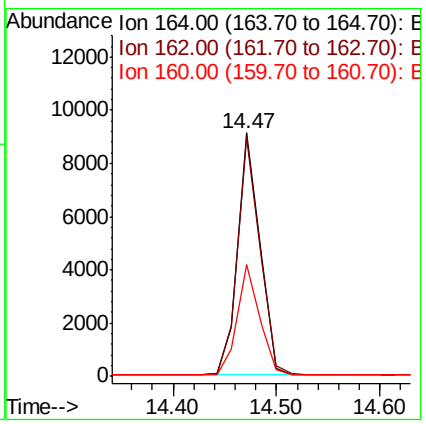


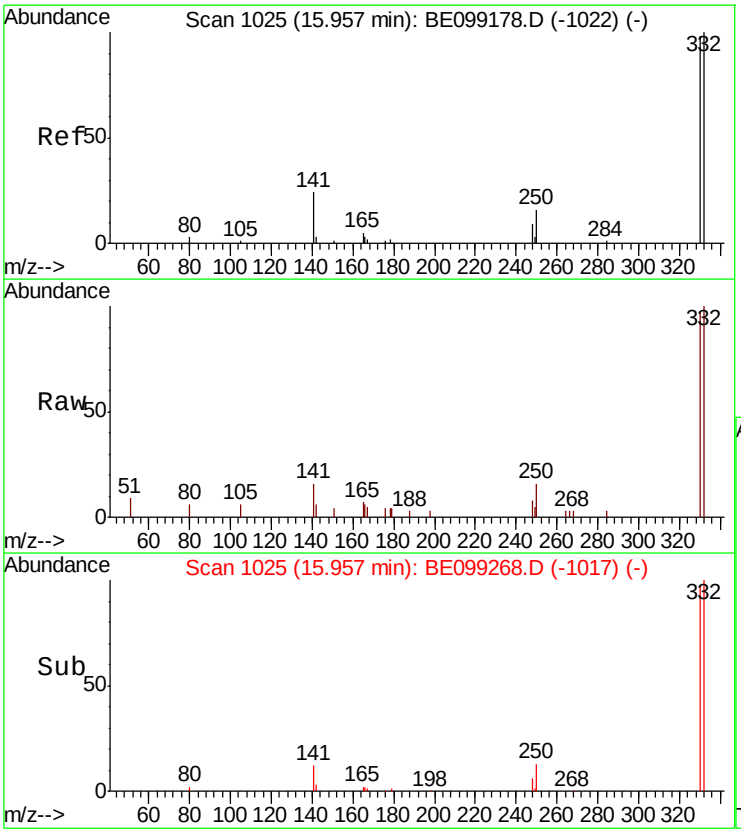
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 13497

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.2	118.8
160	46.0	36.7	55.1

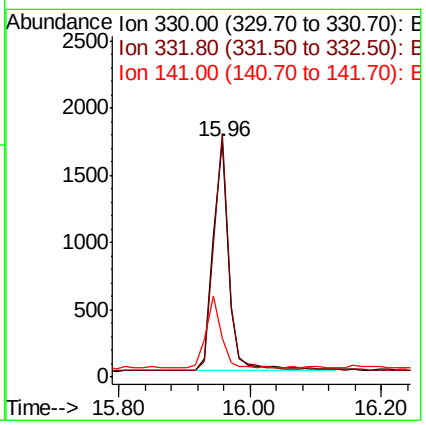


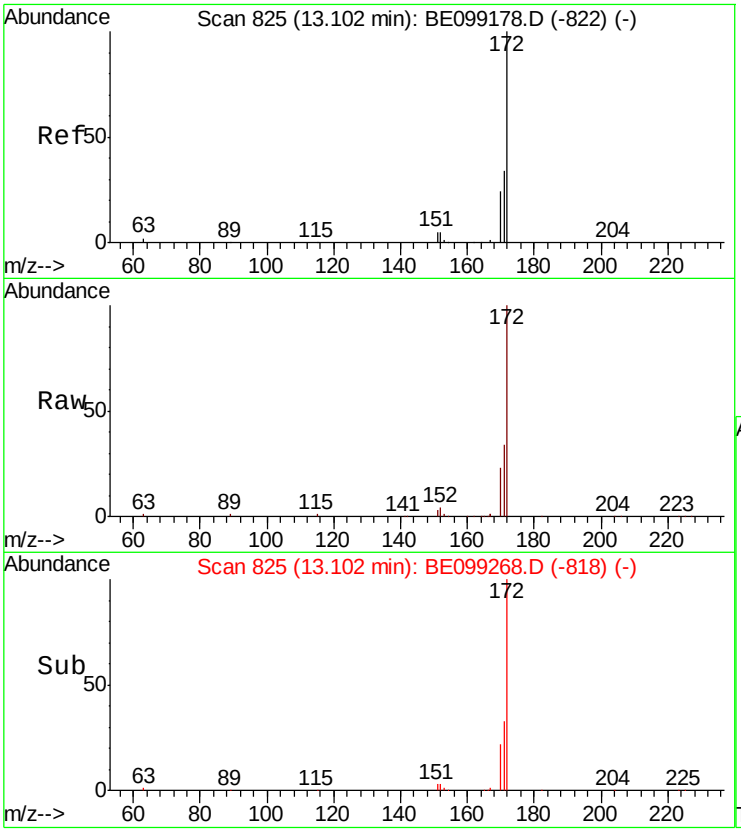


#14
2,4,6-Tribromophenol
Concen: 0.601 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:330 Resp: 2875

Ion	Ratio	Lower	Upper
330	100		
332	97.4	71.3	106.9
141	30.1	21.7	32.5



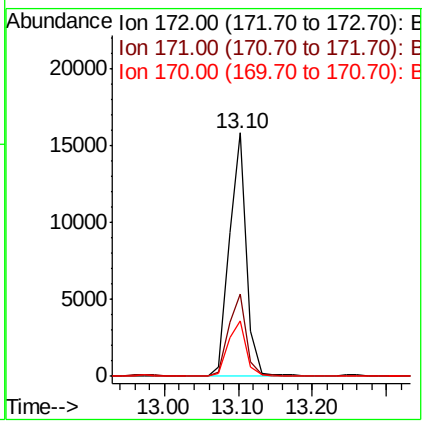


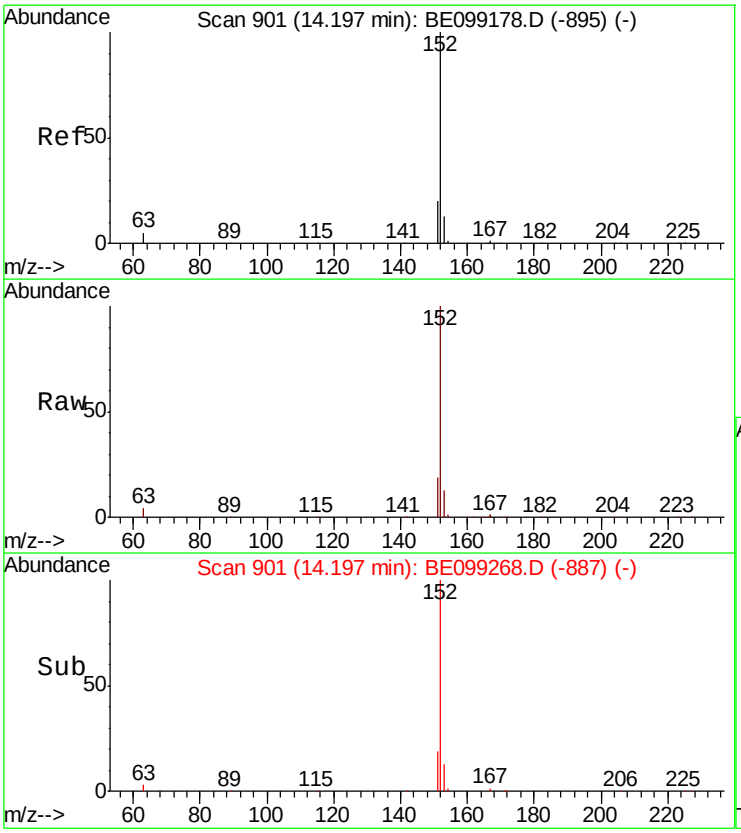
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 24943

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	22.7	19.1	28.7

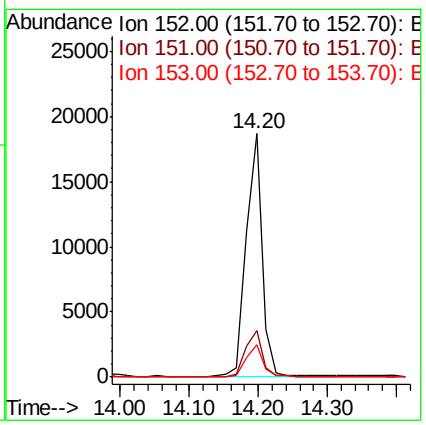


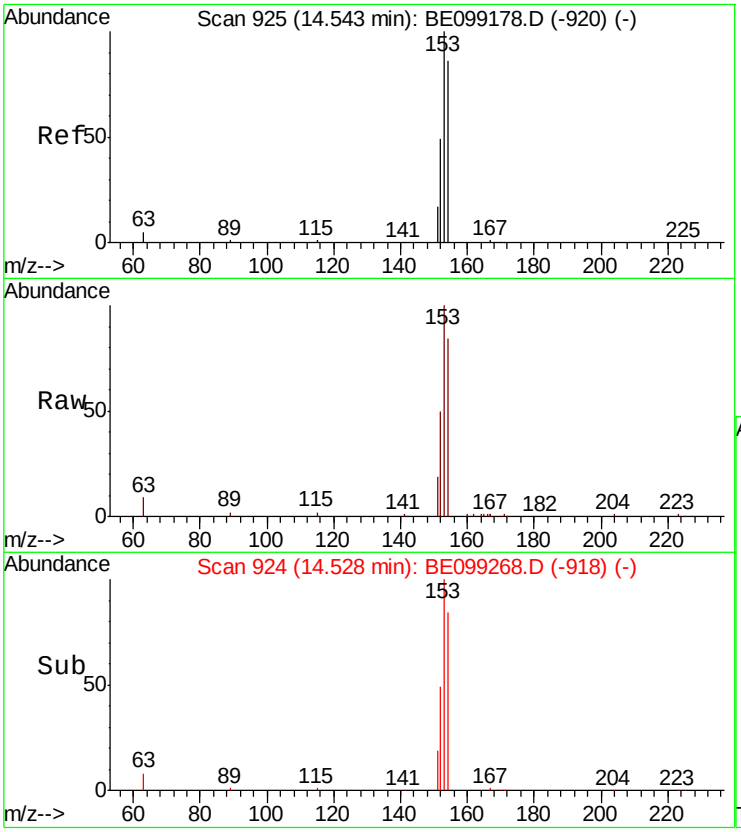


#16
Acenaphthylene
Concen: 0.439 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:152 Resp: 30235

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.6	15.8



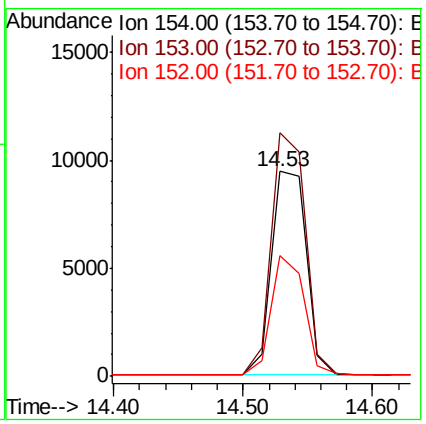


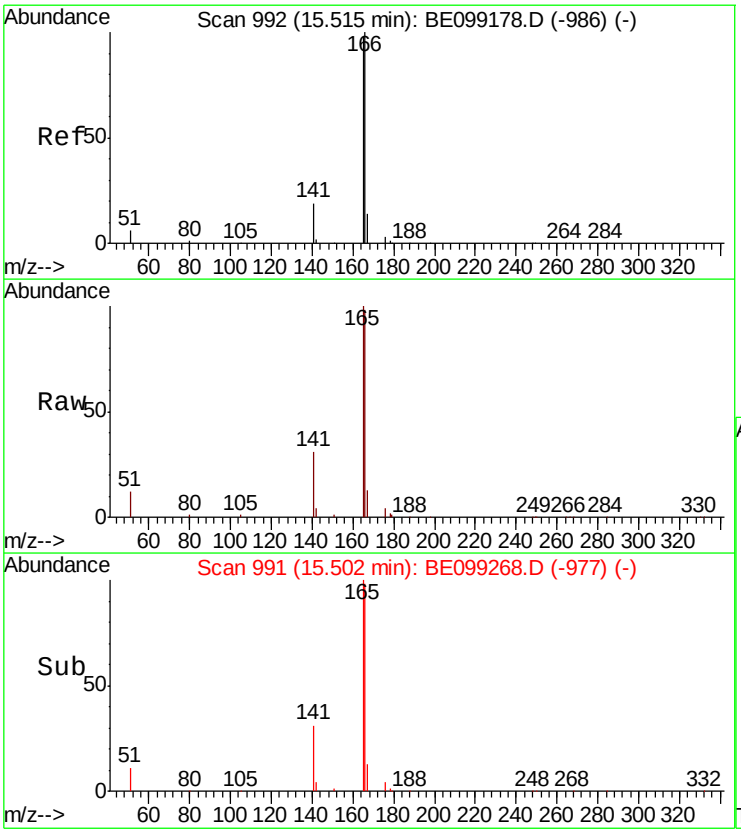
#17
Acenaphthene
Concen: 0.433 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 17800

Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.4	140.0
152	54.9	46.6	69.8

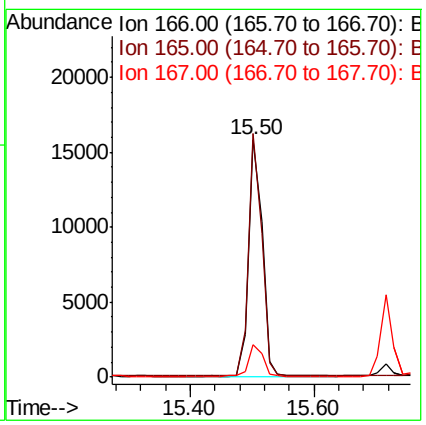


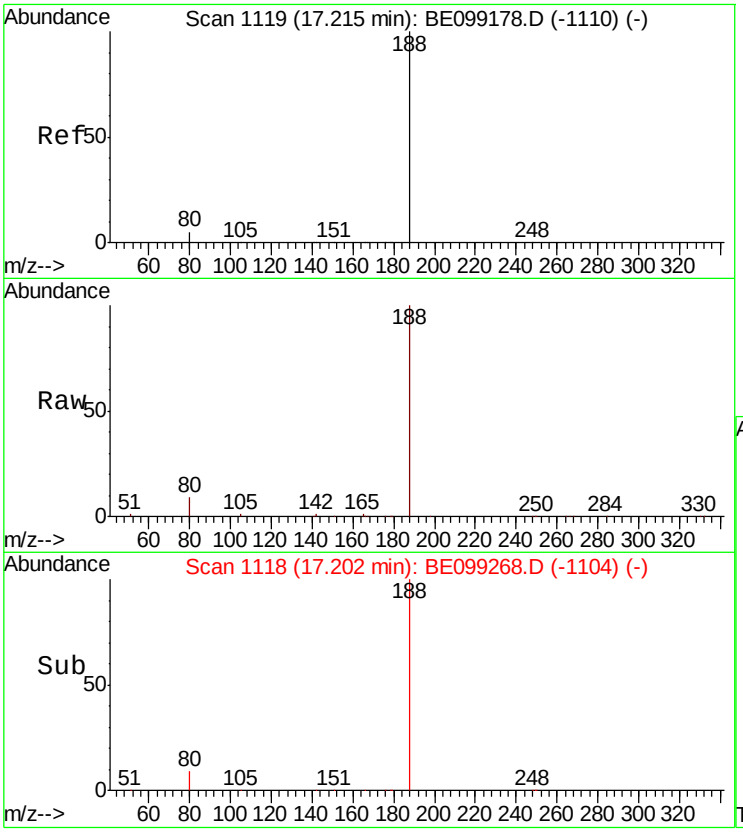


#18
Fluorene
Concen: 0.420 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:166 Resp: 24309

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.9	118.3
167	14.1	10.9	16.3



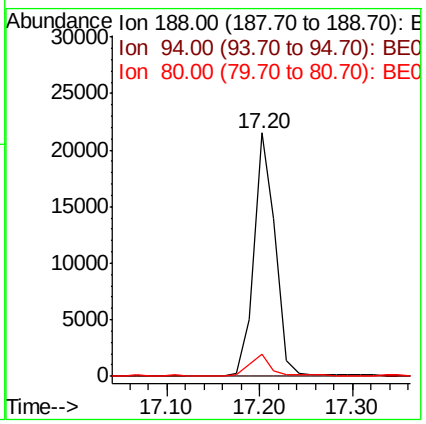


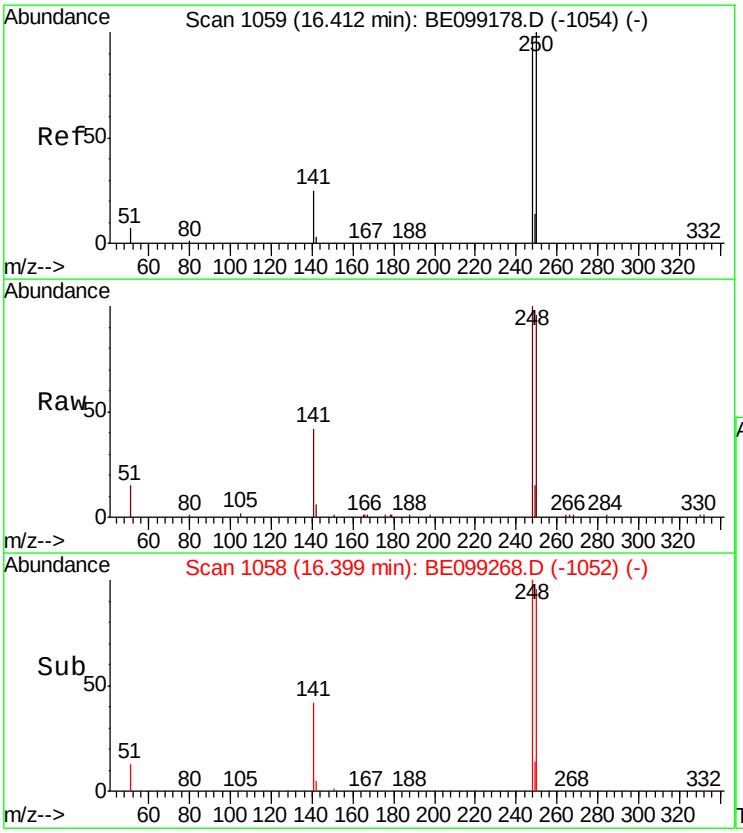
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 34020

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#

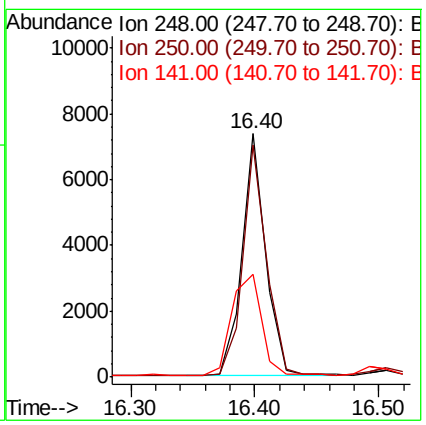


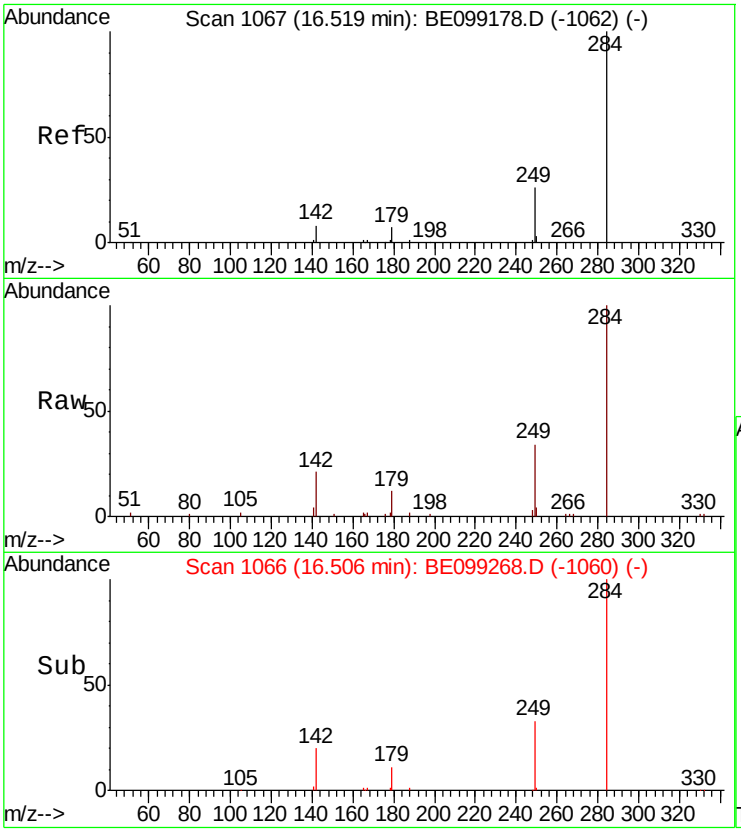


#20
4-Bromophenyl-phenylether
Concen: 0.439 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:248 Resp: 9626

Ion	Ratio	Lower	Upper
248	100		
250	95.5	84.2	126.2
141	42.3	21.8	32.6#



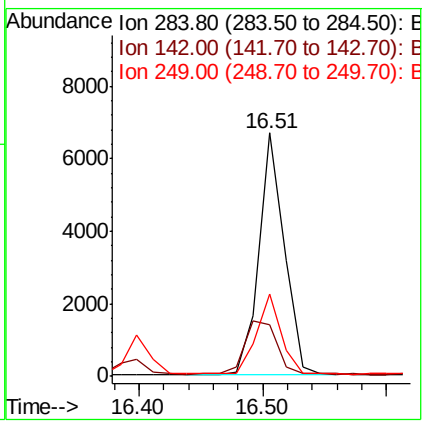


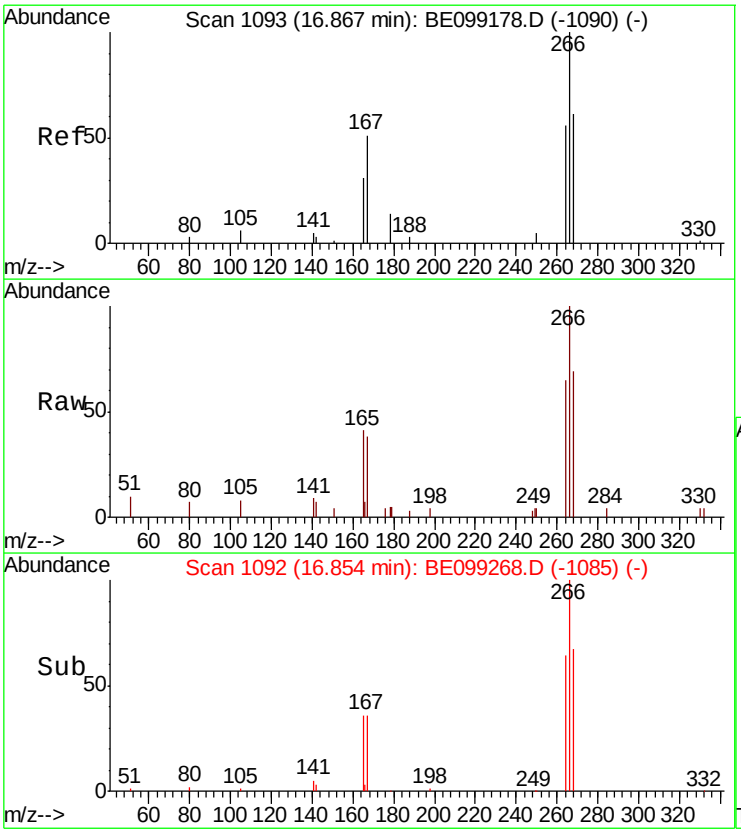
#21
Hexachlorobenzene
Concen: 0.443 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9403

Ion	Ratio	Lower	Upper
284	100		
142	27.7	22.7	34.1
249	31.8	26.9	40.3

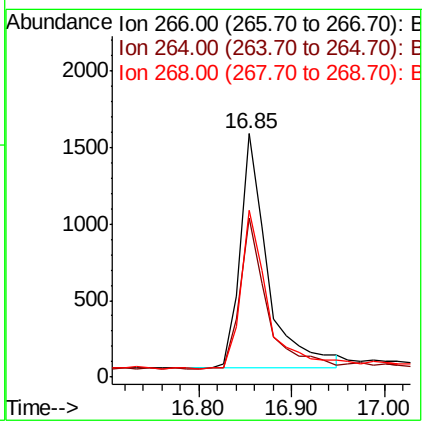


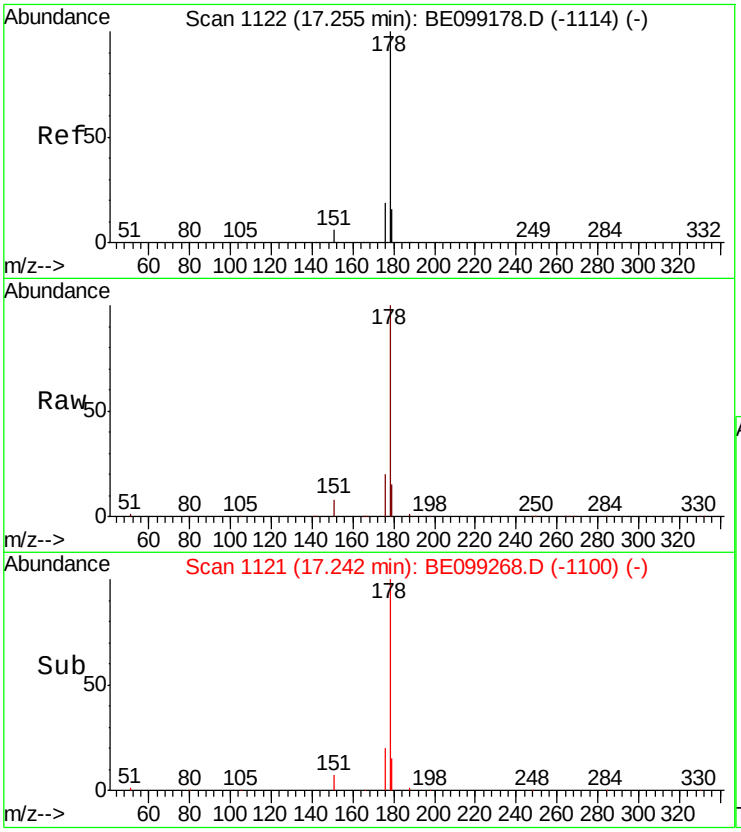


#22
Pentachlorophenol
Concen: 1.147 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:266 Resp: 3158

Ion	Ratio	Lower	Upper
266	100		
264	65.2	54.4	81.6
268	68.5	61.3	91.9



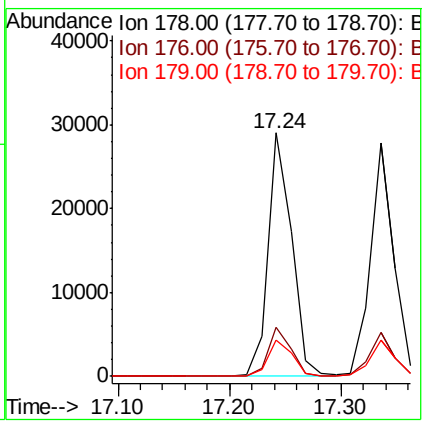


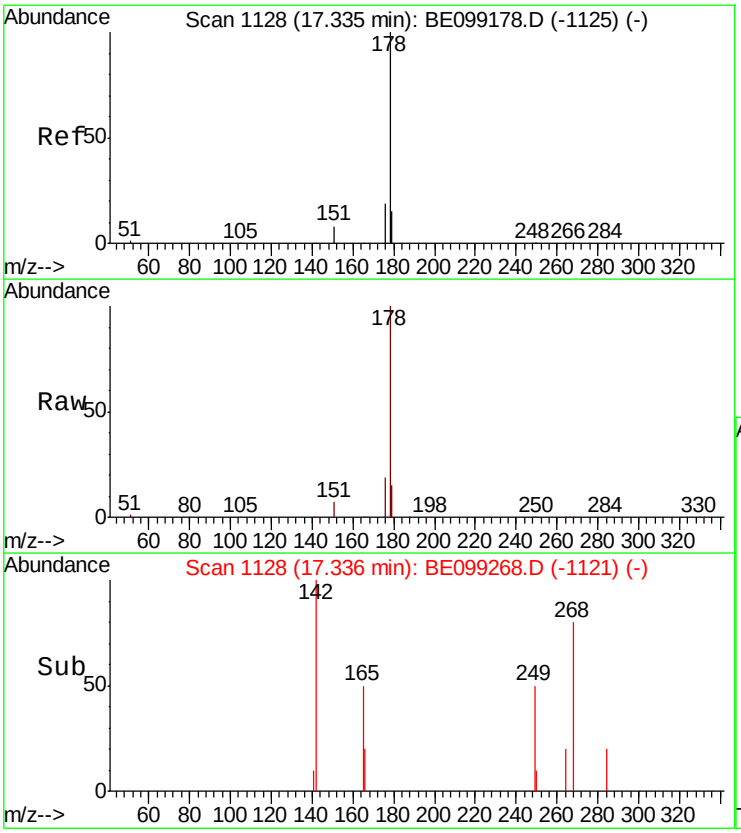
#23
Phenanthrene
Concen: 0.427 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 42686

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.3	18.5

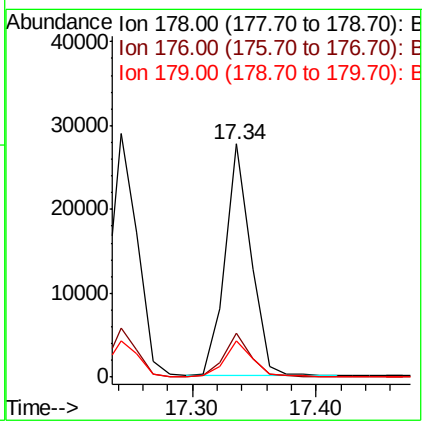


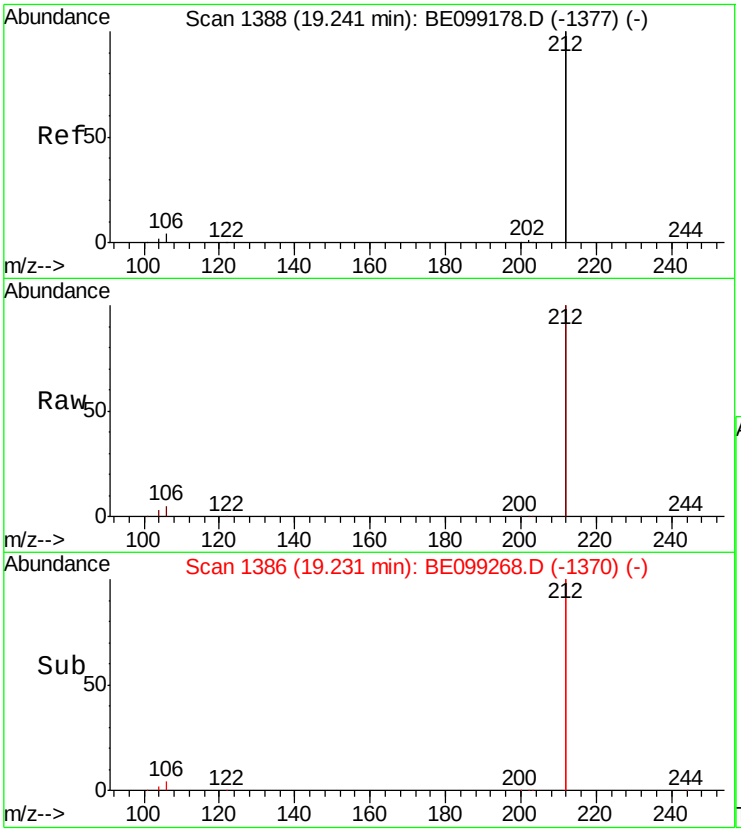


#24
Anthracene
Concen: 0.443 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:178 Resp: 40024

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.4	18.6



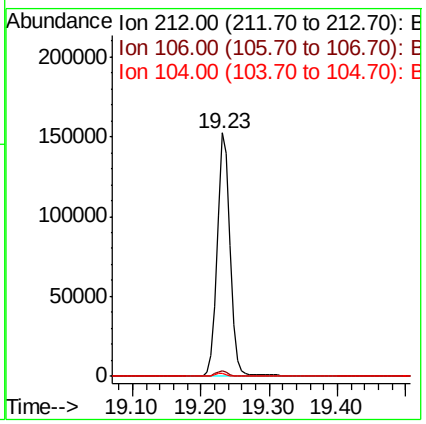


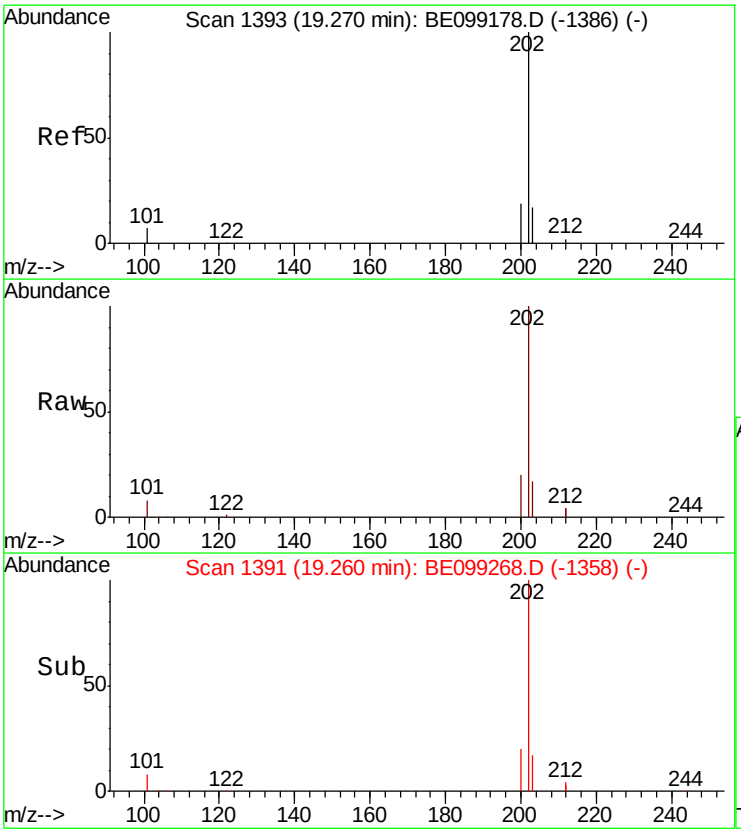
#25
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 201875

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

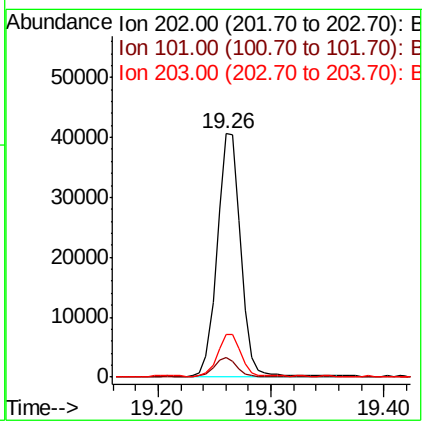


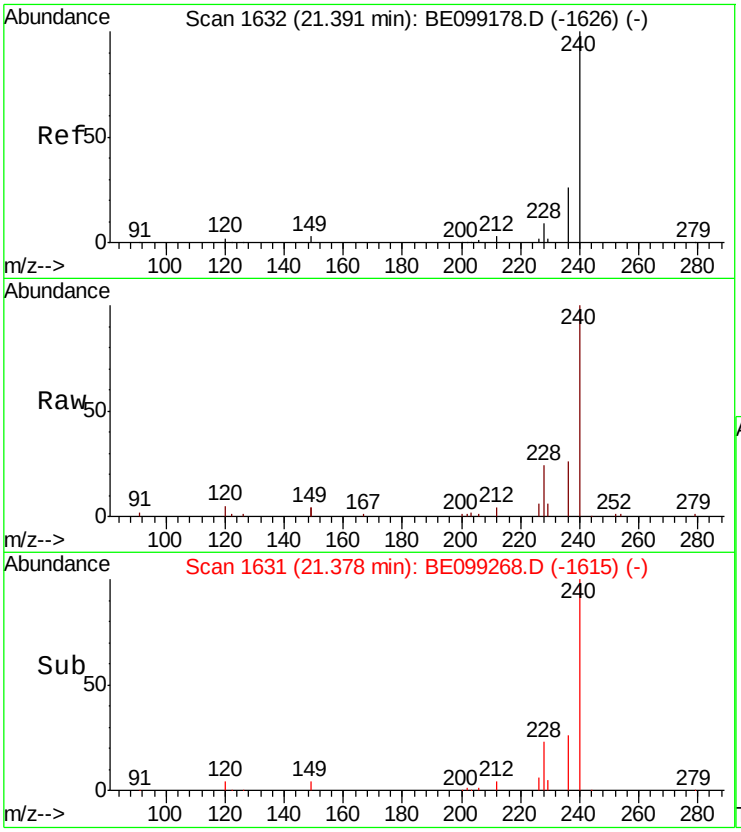


#26
Fluoranthene
Concen: 0.453 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:202 Resp: 57706

Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.4
203	17.0	13.8	20.6



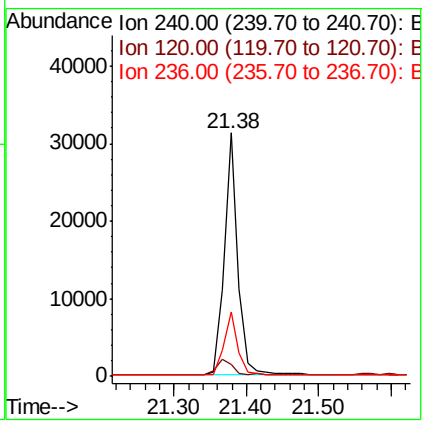


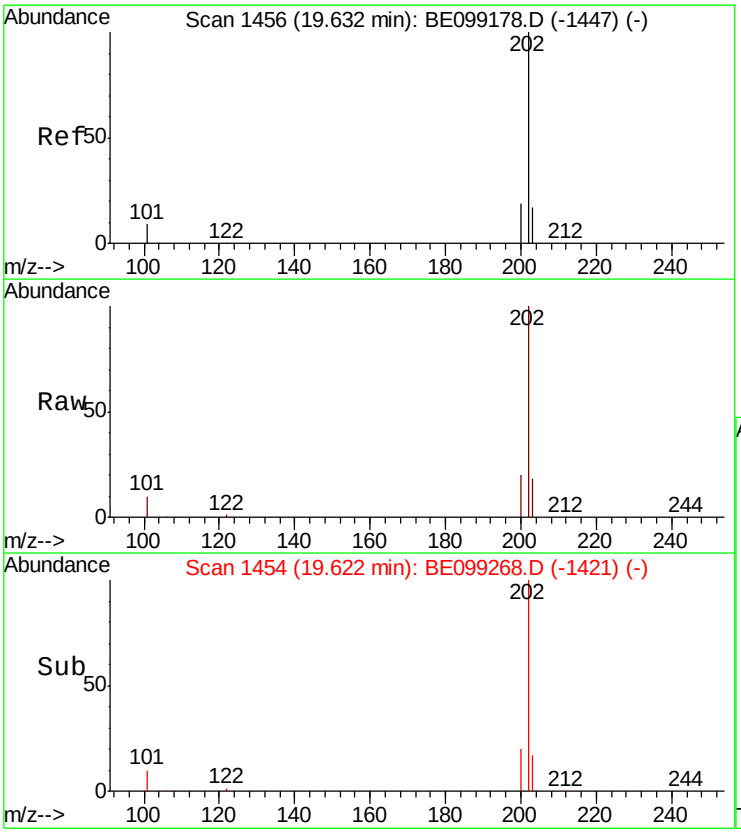
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 41924

Ion	Ratio	Lower	Upper
240	100		
120	4.7	2.6	3.8#
236	26.5	20.9	31.3

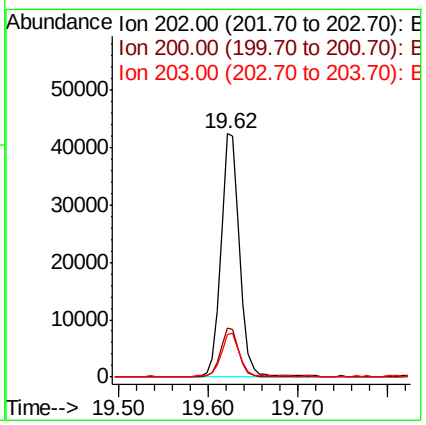


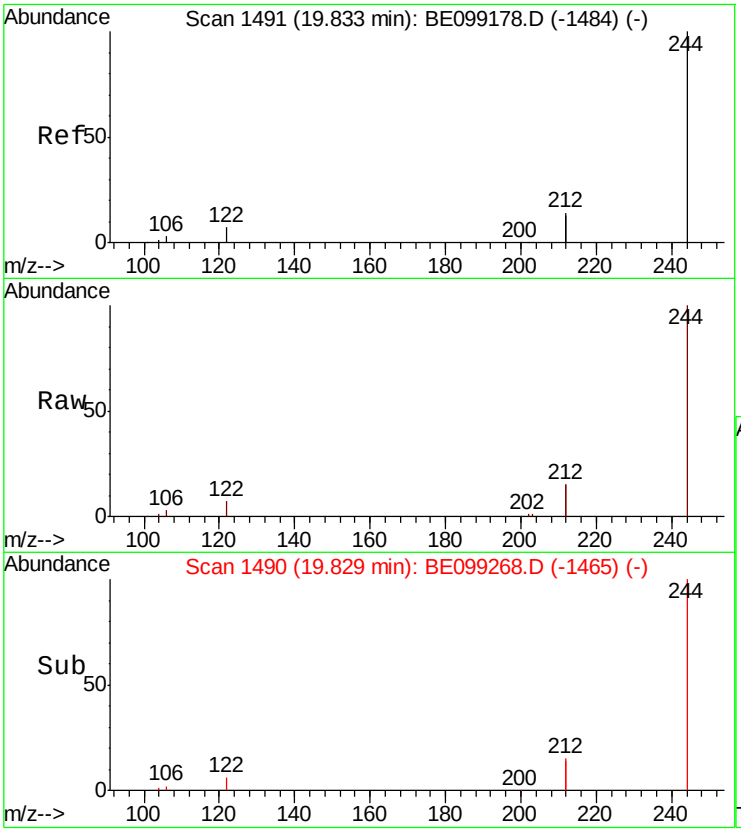


#28
Pyrene
Concen: 0.429 ng
RT: 19.62 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:202 Resp: 59789

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.8
203	17.5	14.1	21.1



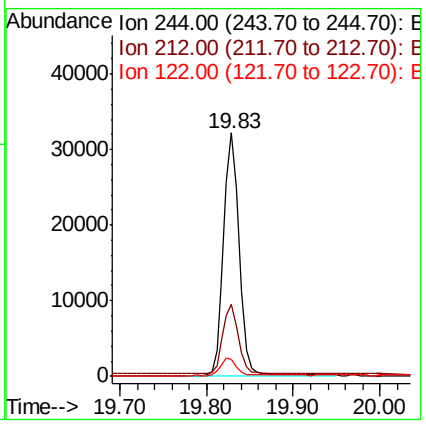


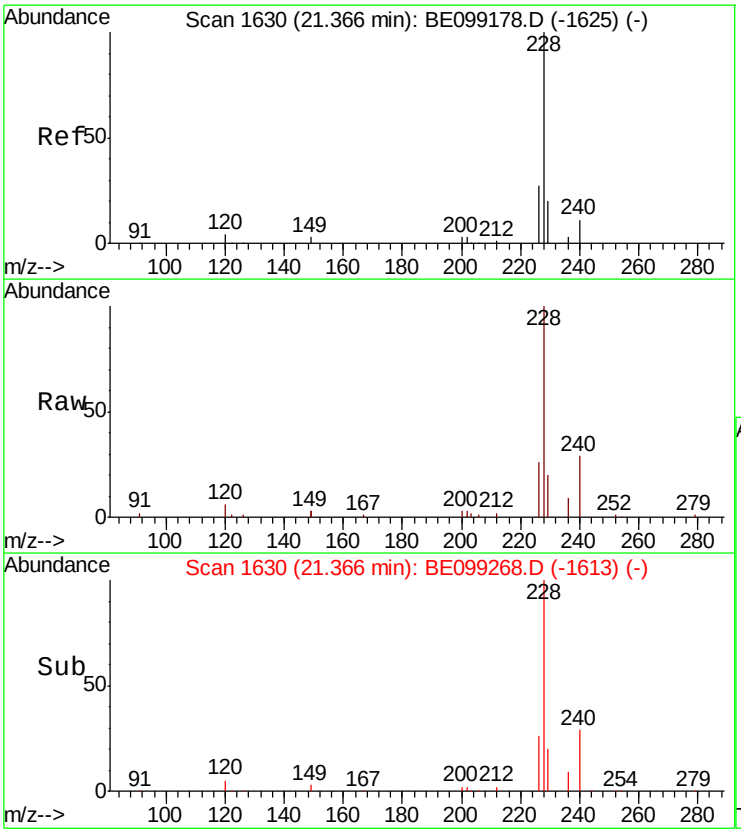
#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 40200

Ion	Ratio	Lower	Upper
244	100		
212	29.5	22.7	34.1
122	6.8	5.8	8.6

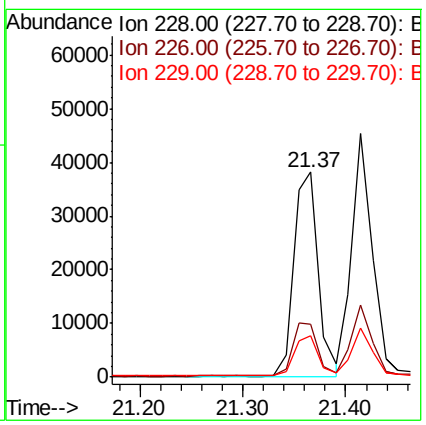


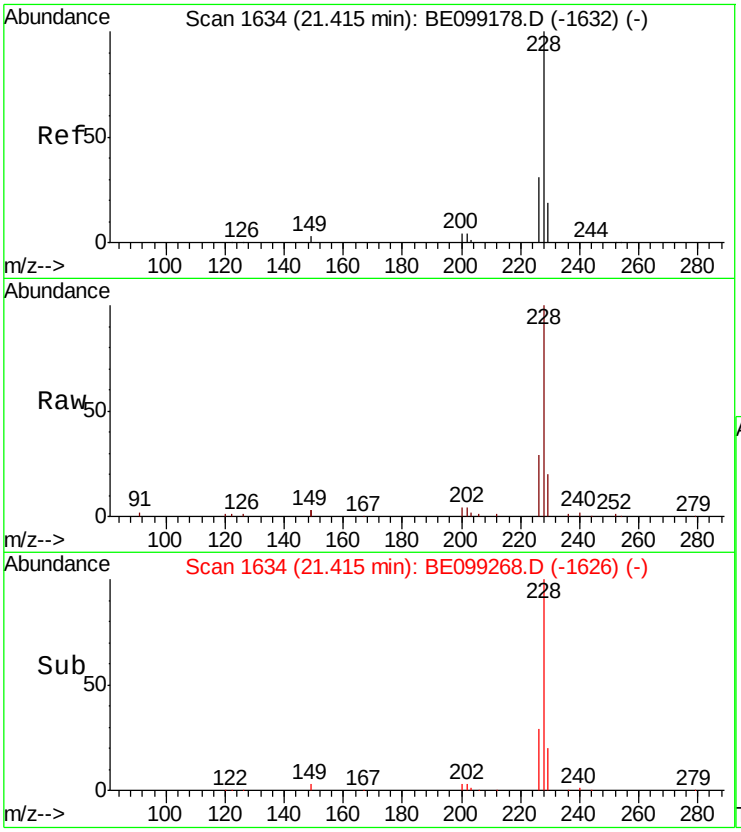


#30
Benzo(a)anthracene
Concen: 0.453 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:228 Resp: 62633

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	20.2	15.9	23.9



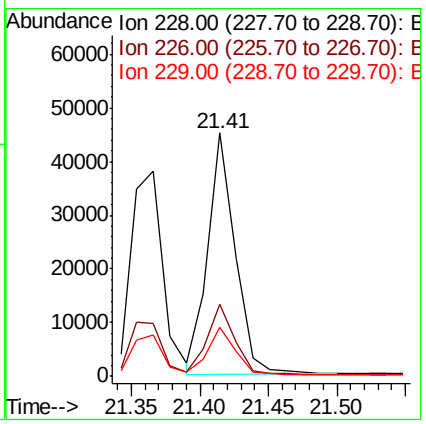


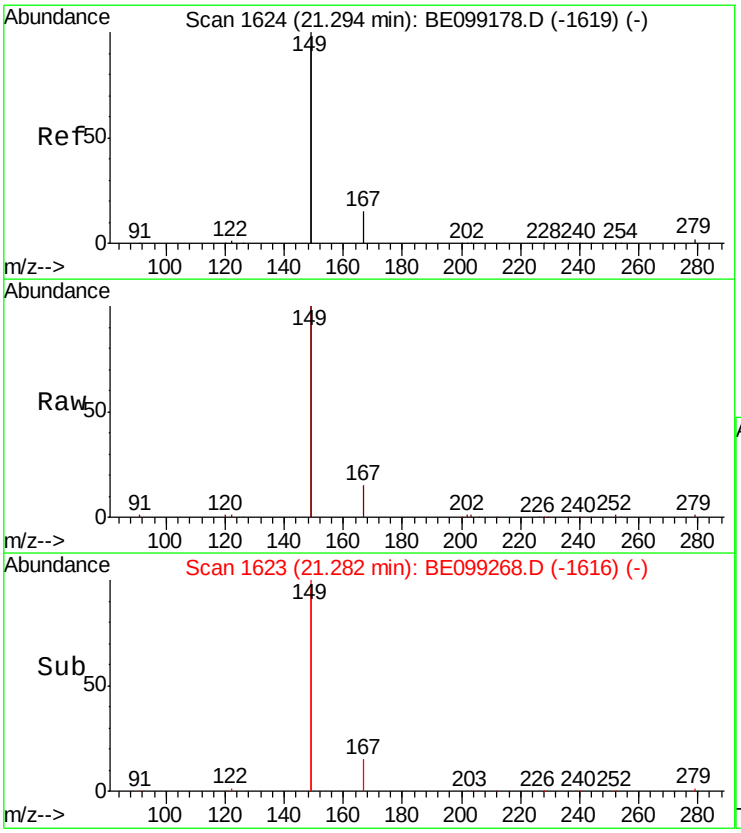
#31
Chrysene
Concen: 0.423 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 62485

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	20.1	15.4	23.0

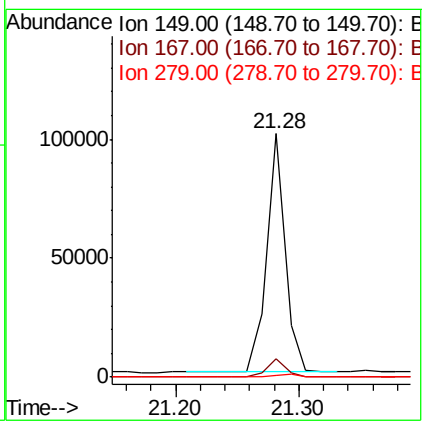


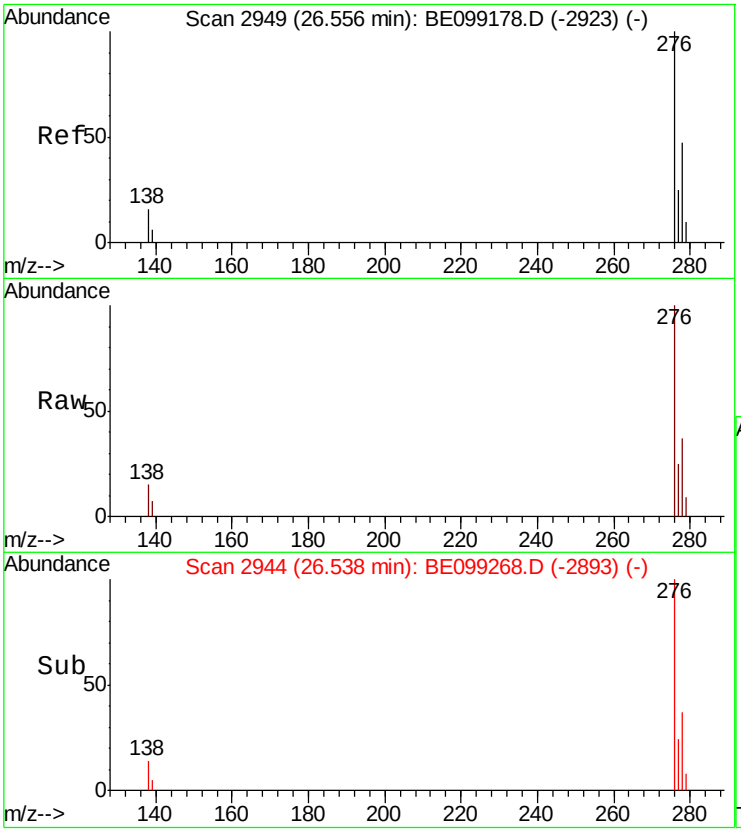


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.643 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:149 Resp: 106097

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.3	1.0	1.6



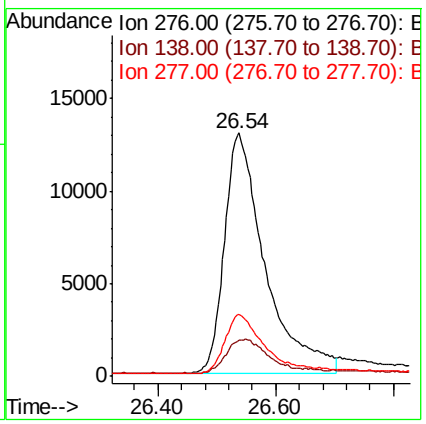


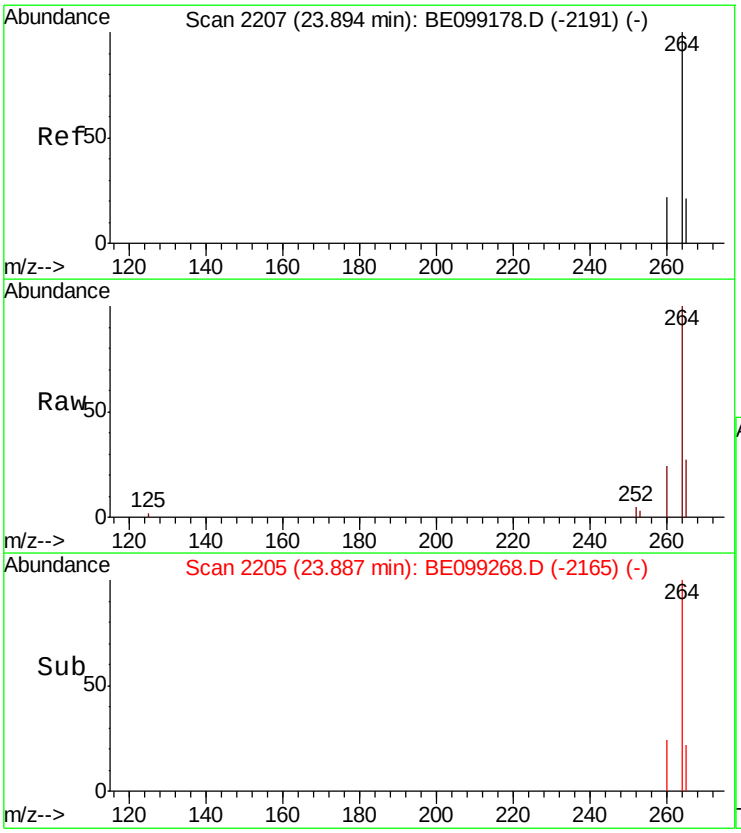
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 62171

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.9	19.3
277	23.8	18.3	27.5

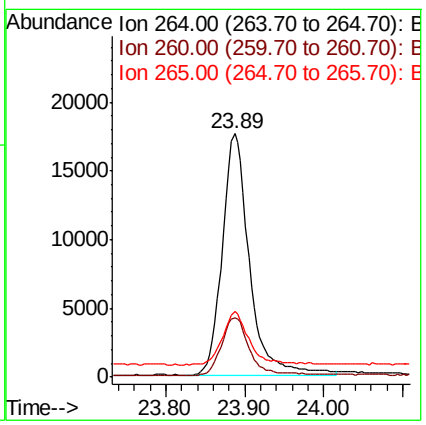


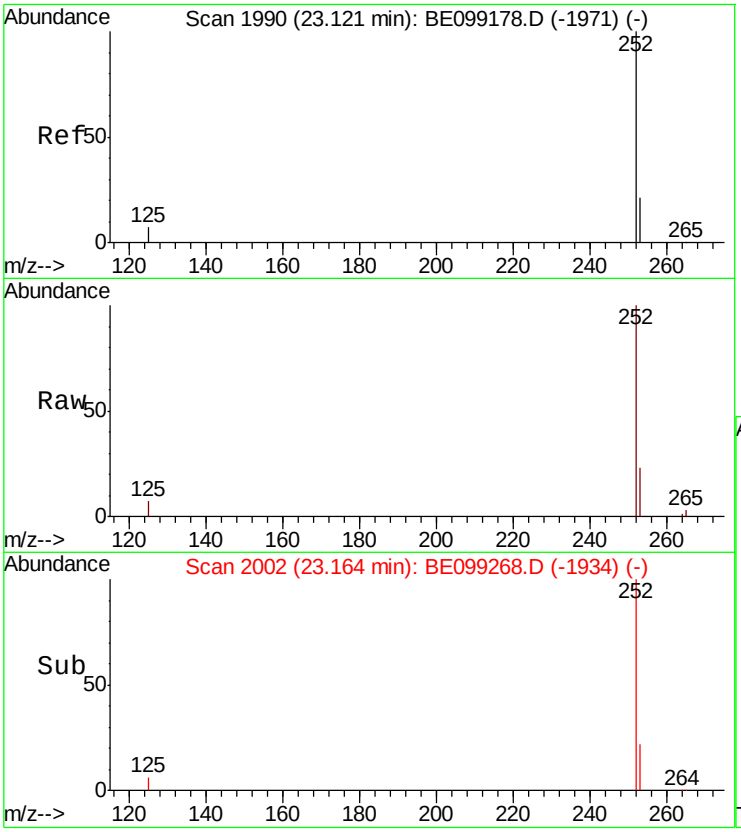


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:264 Resp: 41985

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	26.8	21.8	32.8



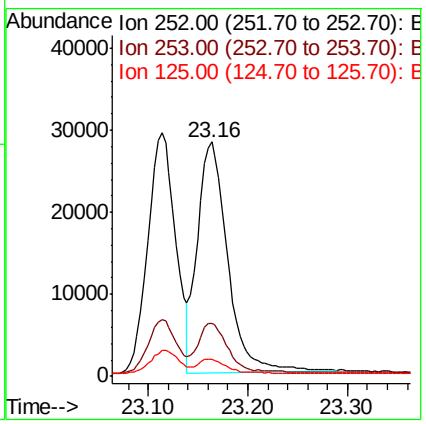


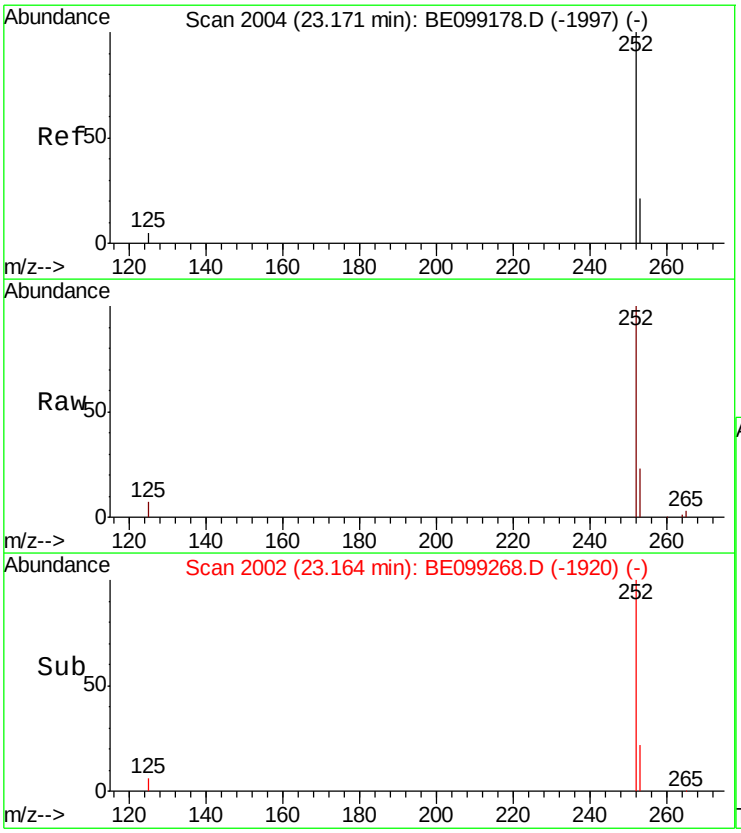
#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.04 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 59074

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	7.2	6.1	9.1

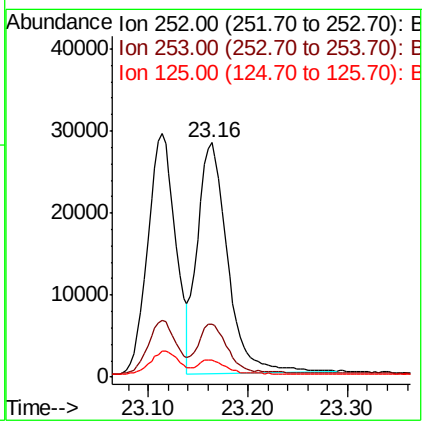


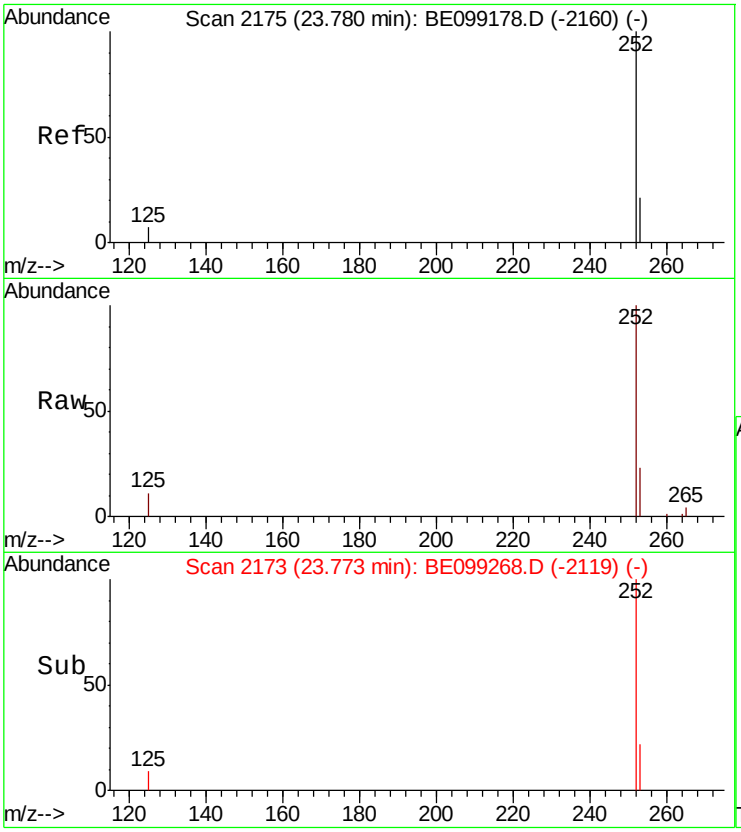


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:252 Resp: 59074

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	7.2	5.9	8.9



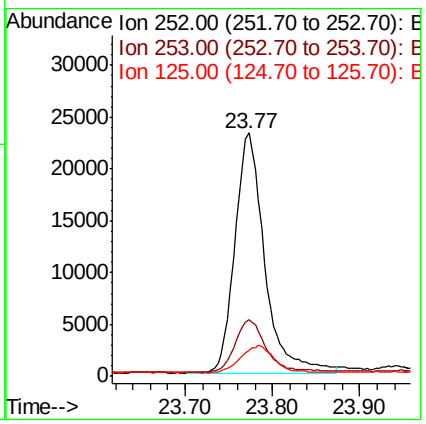


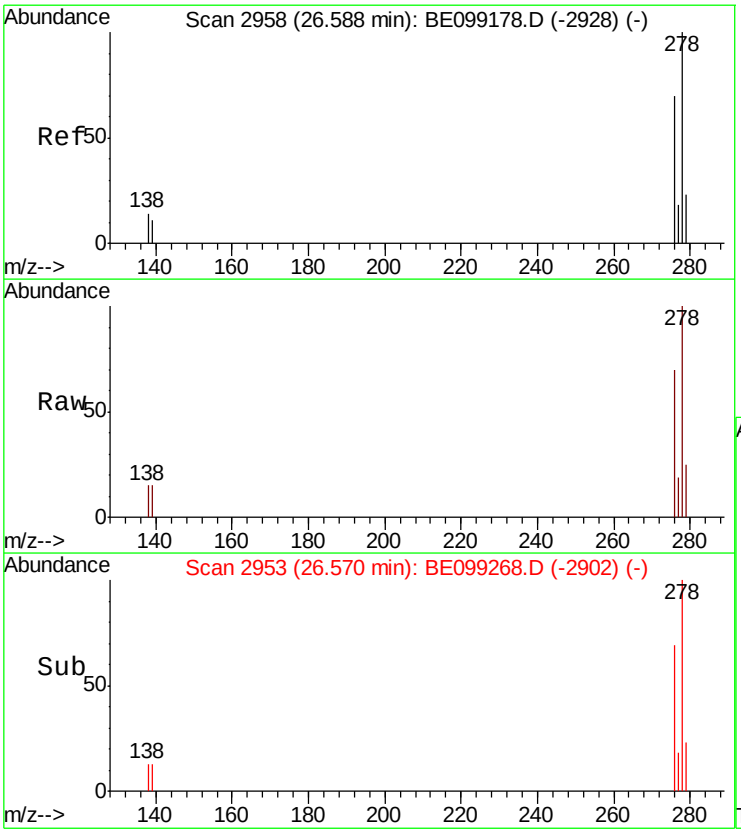
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 54964

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.8	6.8	10.2#

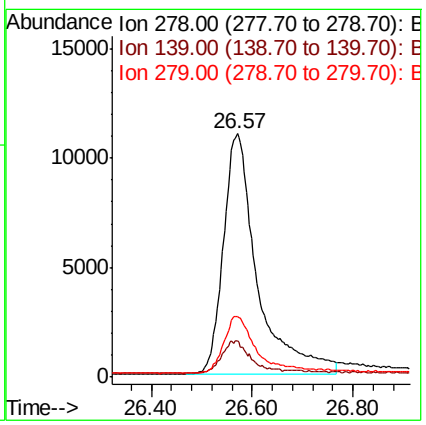


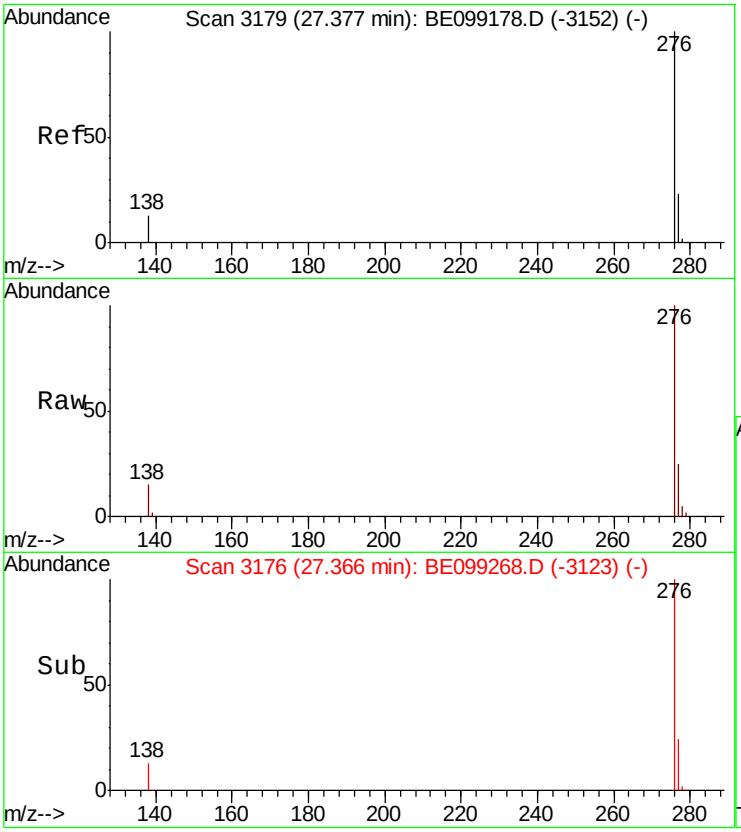


#38
Dibenzo(a,h)anthracene
Concen: 0.453 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Tgt Ion:278 Resp: 51915

Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.5	14.3#
279	24.8	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.443 ng
RT: 27.37 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE099268.D
Acq: 30 Mar 2019 00:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 50975

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	14.6	11.1	16.7