Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099236.D
Acq On : 27 Mar 2019 4:18
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 27 08:53:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4828	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	21665	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	16075	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	41849	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	48358	0.40	ng		-0.01
34) Perylene-d12	23.89	264	44377	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4723	0.33	ng		0.00
5) Phenol-d6	6.99	99	7302	0.33	ng		0.00
8) Nitrobenzene-d5	8.99	82	6004	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	14805	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1823	0.43	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	22679	0.35	ng		0.00
25) Fluoranthene-d10	19.24	212	175006	0.35	ng		0.00
29) Terphenyl-d14	19.83	244	34287	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	2118	0.333	ng		99
3) n-Nitrosodimethylamine	3.67	42	1189	0.334	ng	#	92
6) bis(2-Chloroethyl)ether	7.26	93	5675	0.328	ng		99
9) Naphthalene	10.67	128	88303	0.346	ng		99
10) Hexachlorobutadiene	10.95	225	4734	0.348	ng		97
12) 2-Methylnaphthalene	12.30	142	15894	0.348	ng		98
16) Acenaphthylene	14.20	152	26202	0.320	ng		99
17) Acenaphthene	14.54	154	16363	0.334	ng		99
18) Fluorene	15.50	166	23183	0.336	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	8696	0.322	ng	#	82
21) Hexachlorobenzene	16.51	284	8486	0.325	ng		99
22) Pentachlorophenol	16.85	266	1378	0.590	ng		93
23) Phenanthrene	17.24	178	40409	0.329	ng		100
24) Anthracene	17.34	178	35541	0.320	ng		99
26) Fluoranthene	19.26	202	51667	0.329	ng		99
28) Pyrene	19.63	202	52374	0.326	ng		100
30) Benzo(a)anthracene	21.37	228	50719	0.318	ng		99
31) Chrysene	21.41	228	56556	0.332	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	57466	0.302	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	40937	0.254	ng		99
35) Benzo(b)fluoranthene	23.17	252	53114	0.364	ng		99
36) Benzo(k)fluoranthene	23.17	252	54300	0.352	ng		99
37) Benzo(a)pyrene	23.78	252	45773	0.336	ng	#	92
38) Dibenzo(a,h)anthracene	26.57	278	29102	0.240	ng	#	90
39) Benzo(g,h,i)perylene	27.36	276	32526	0.268	ng		98

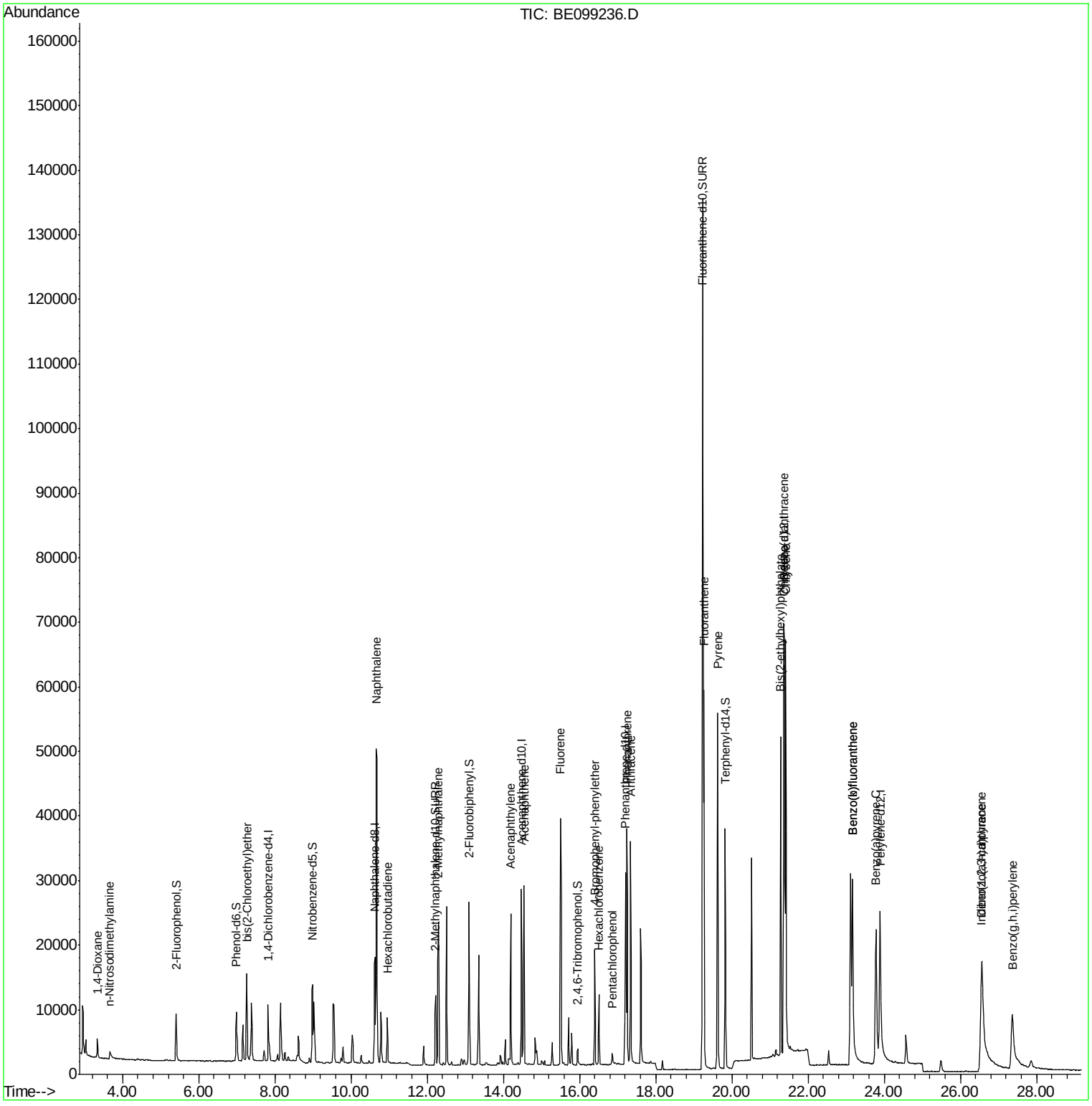
(#) = qualifier out of range (m) = manual integration (+) = signals summed

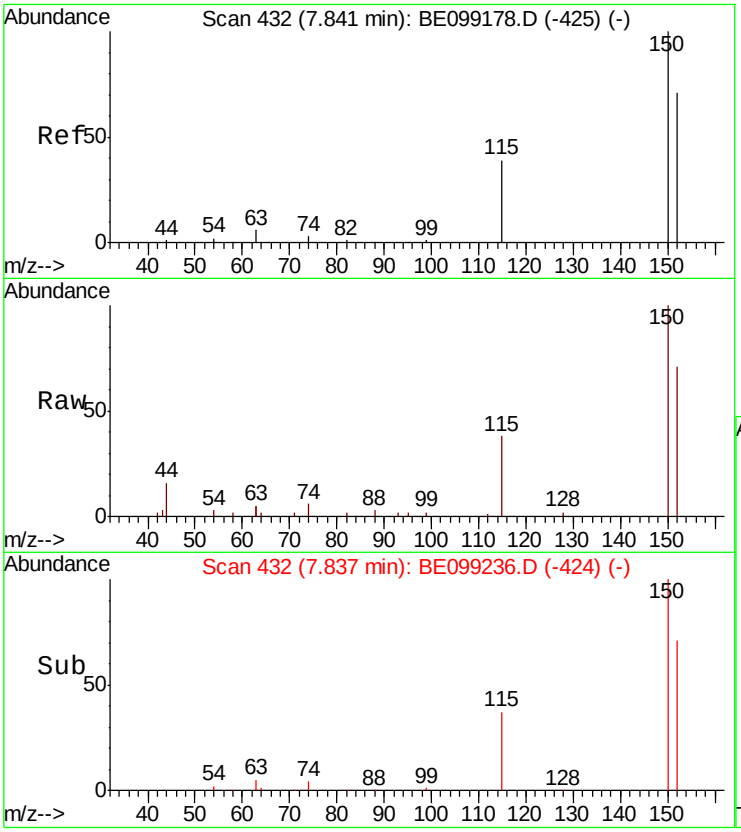
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032619\
Data File : BE099236.D
Acq On : 27 Mar 2019 4:18
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 27 08:53:11 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



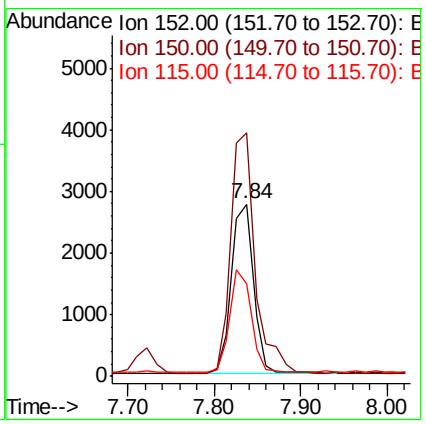


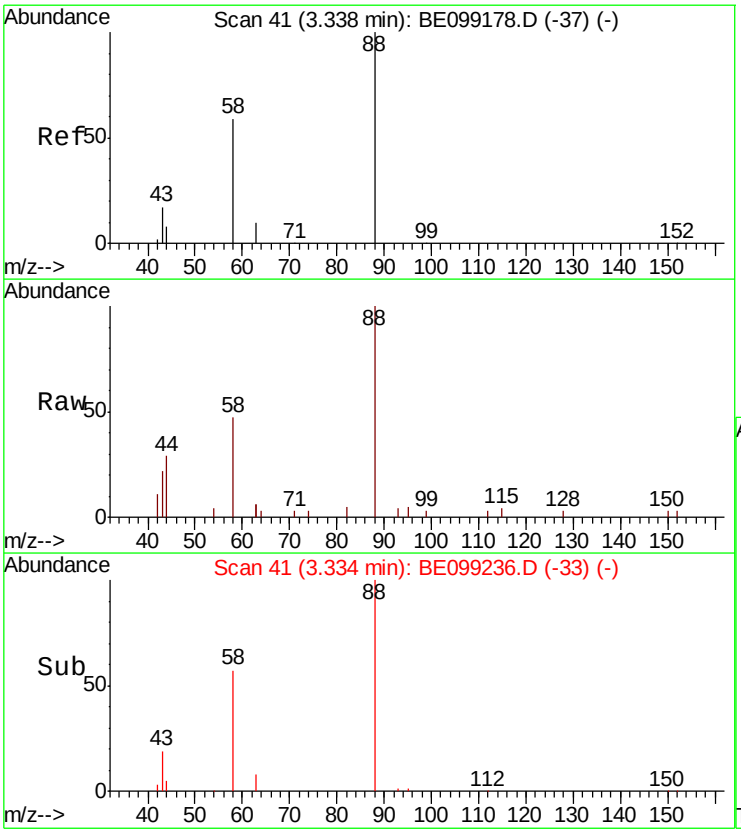
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4828

Ion	Ratio	Lower	Upper
152	100		
150	141.4	112.8	169.2
115	53.9	45.1	67.7

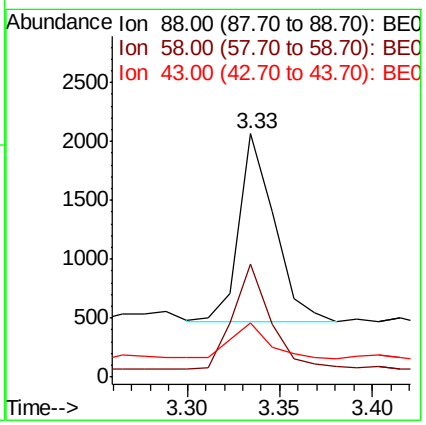


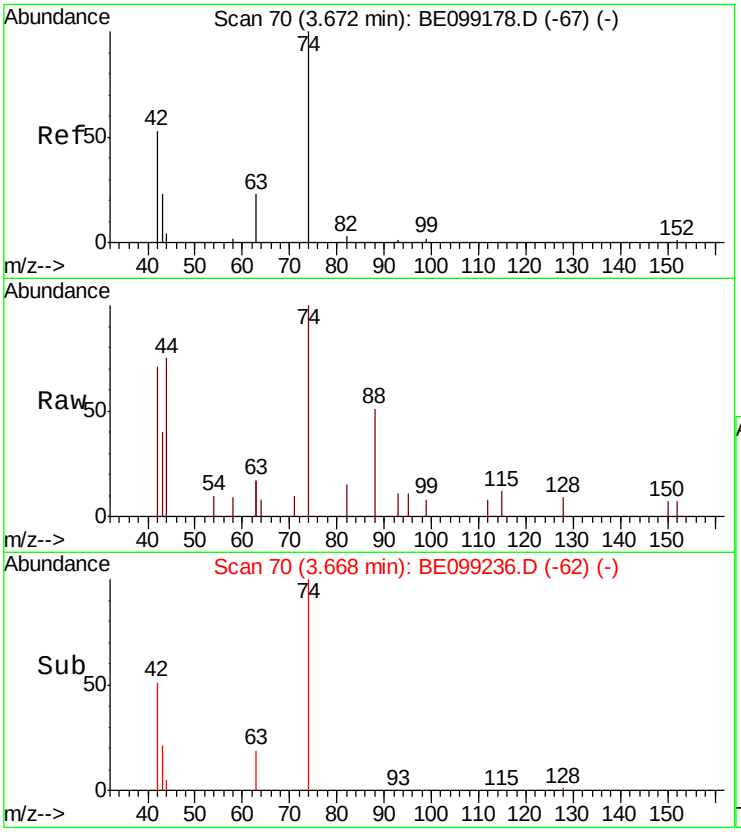


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion: 88 Resp: 2118

Ion	Ratio	Lower	Upper
88	100		
58	59.9	47.4	71.0
43	20.5	15.6	23.4



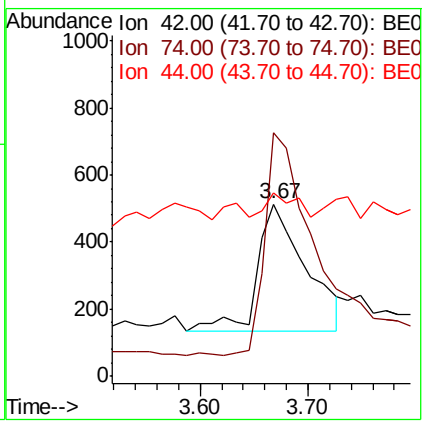


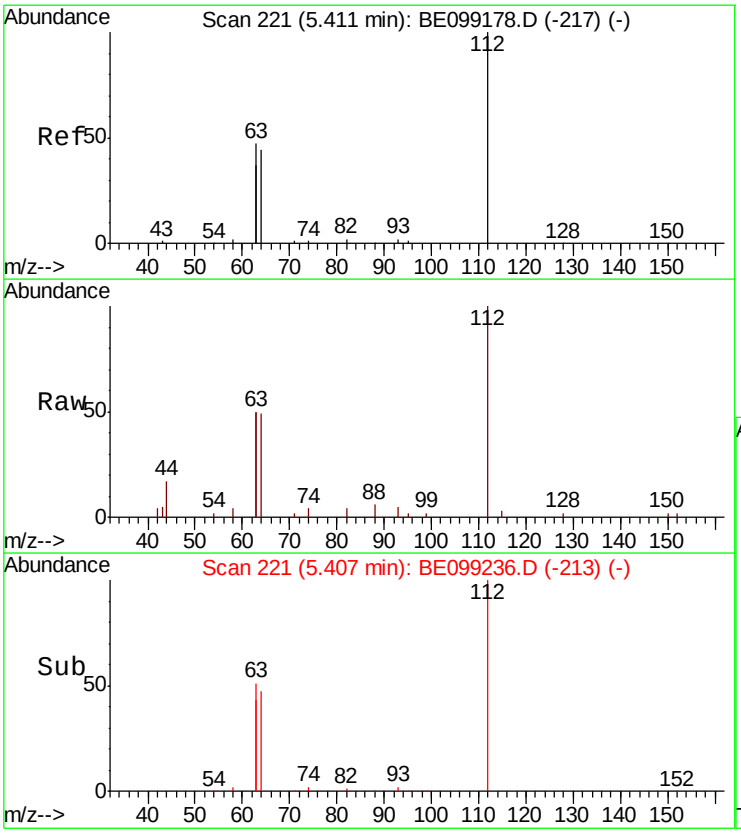
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1189

Ion	Ratio	Lower	Upper
42	100		
74	162.4	138.6	207.8
44	12.1	15.0	22.6#

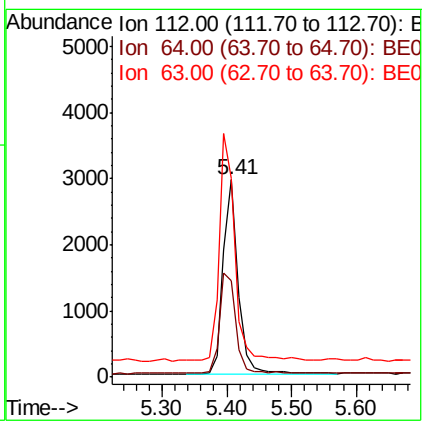


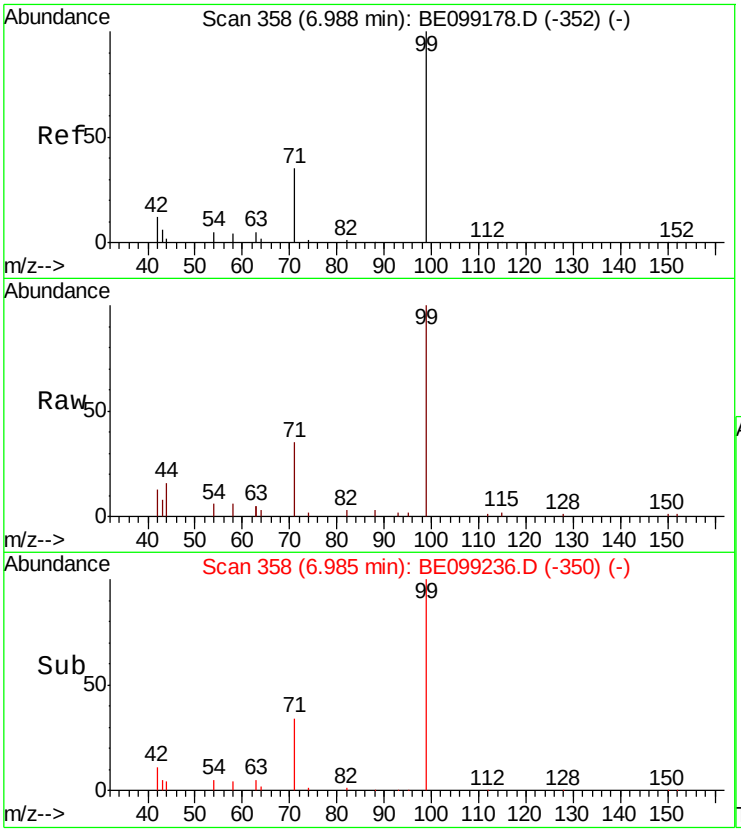


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:112 Resp: 4723

Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.2	69.2
63	121.0	89.9	134.9



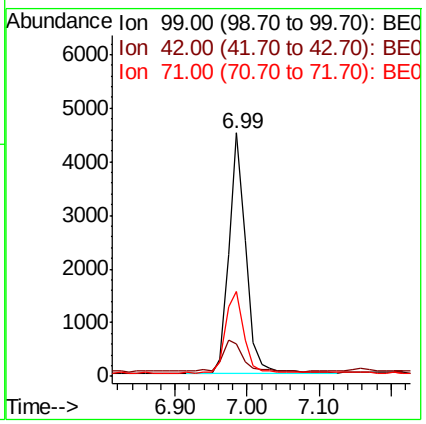


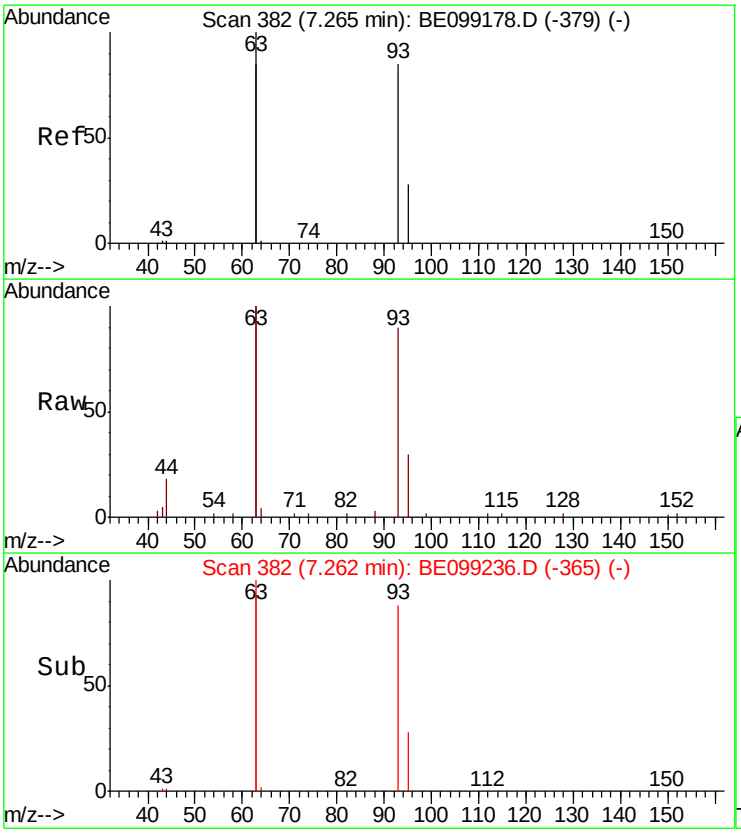
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7302

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.4	18.6
71	37.5	28.4	42.6

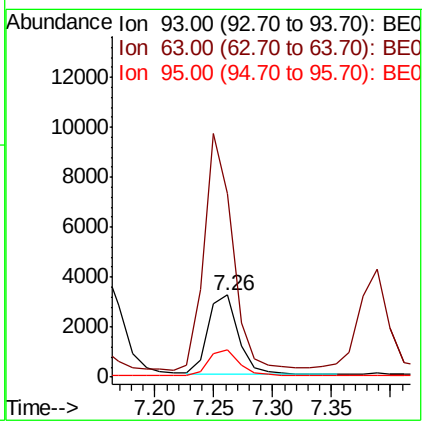


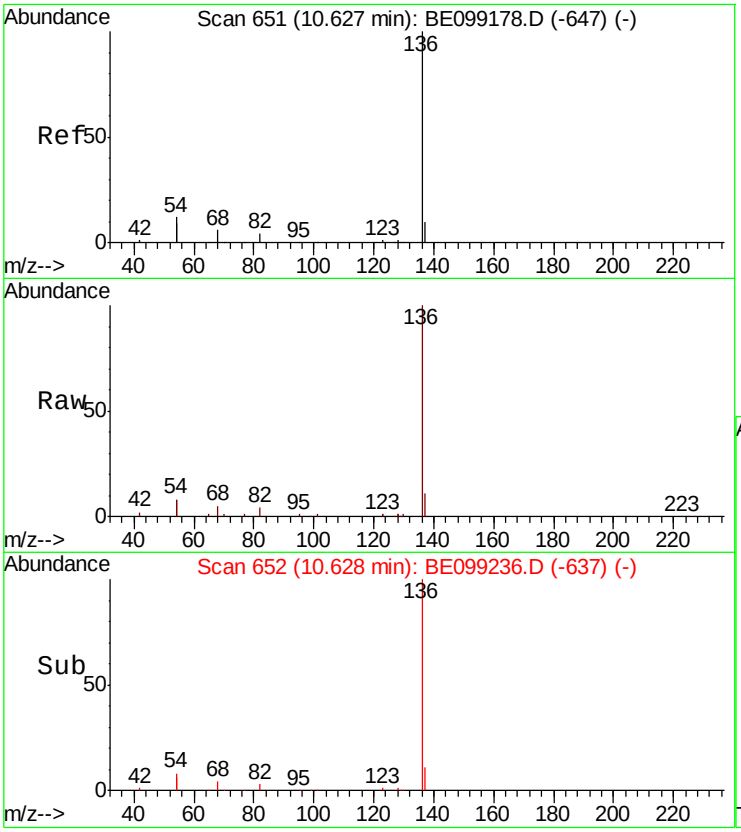


#6
bis(2-Chloroethyl)ether
Concen: 0.328 ng
RT: 7.26 min Scan# 382
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion: 93 Resp: 5675

Ion	Ratio	Lower	Upper
93	100		
63	275.8	221.4	332.0
95	34.1	25.8	38.8



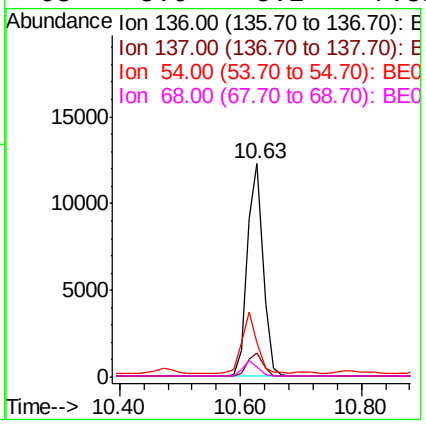


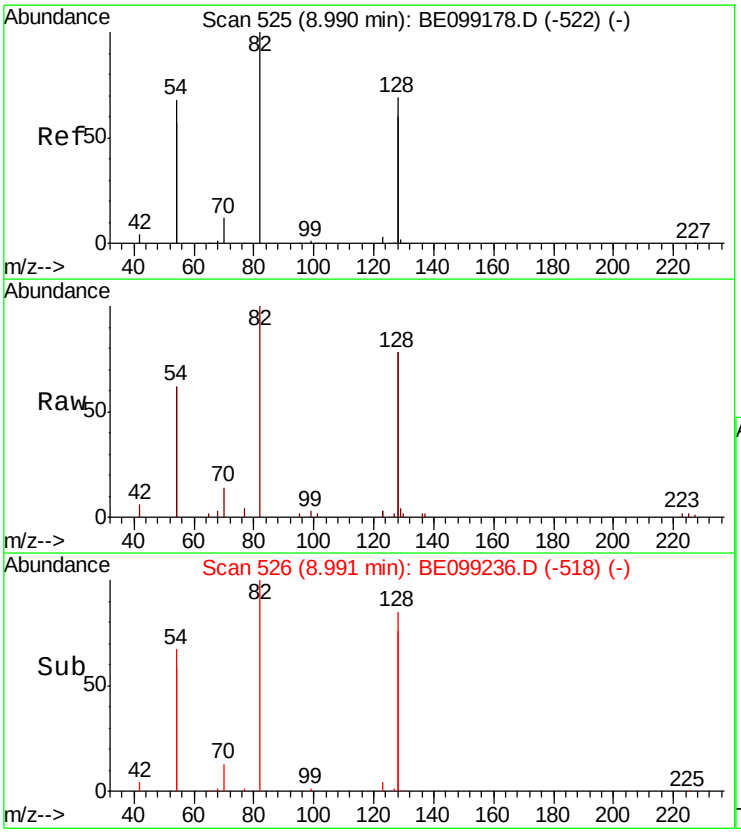
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 21665

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	16.1	18.7	28.1#
68	5.0	5.2	7.8#

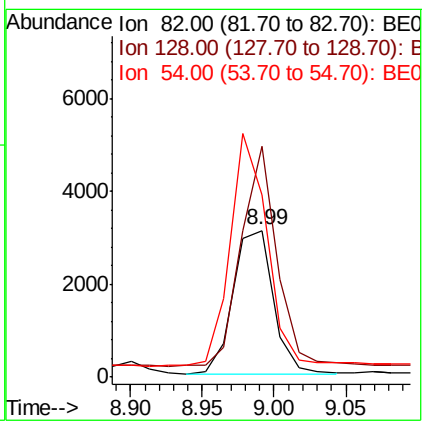


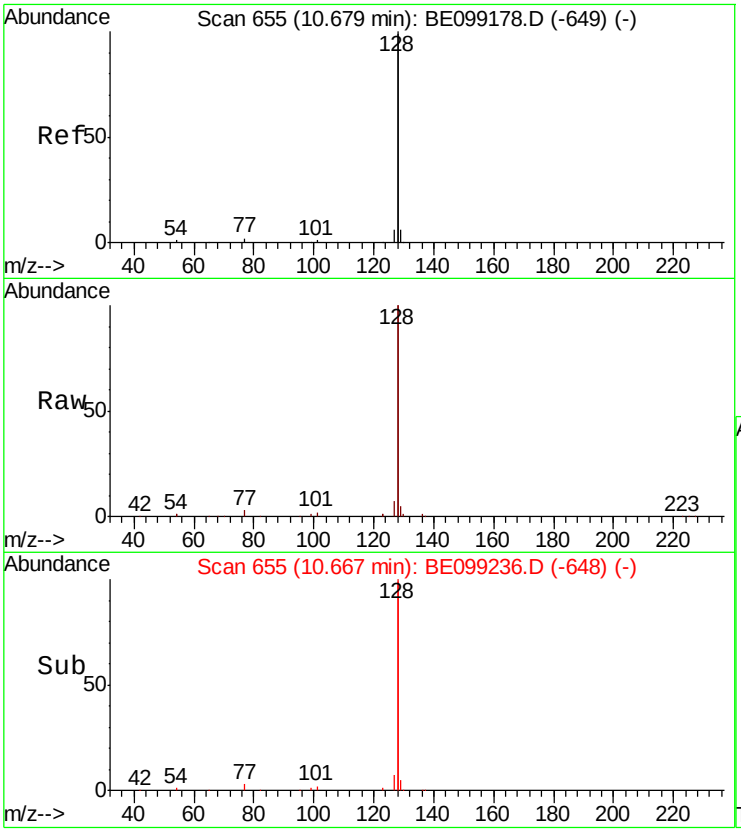


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.99 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion: 82 Resp: 6004

Ion	Ratio	Lower	Upper
82	100		
128	156.9	107.5	161.3
54	123.9	106.3	159.5



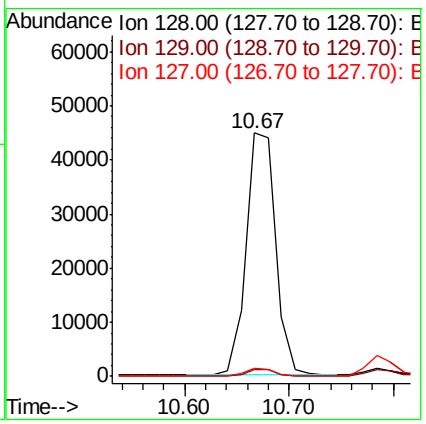


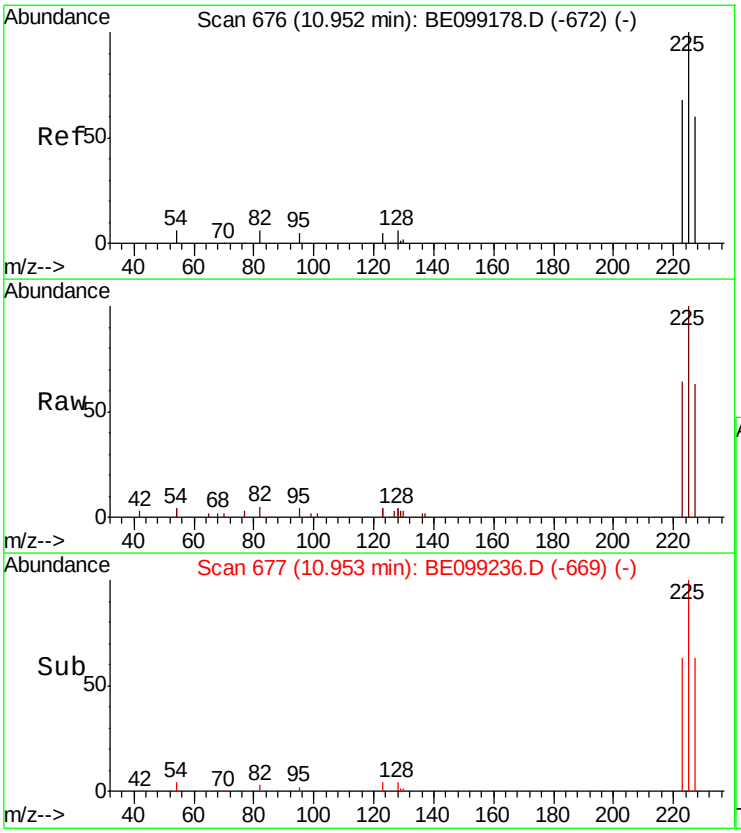
#9
Naphthalene
Concen: 0.346 ng
RT: 10.67 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 88303

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.3	3.5
127	3.4	2.6	3.8

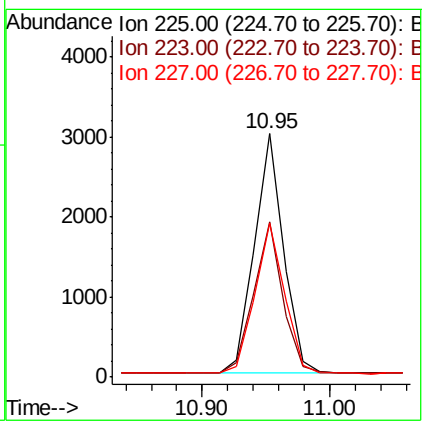


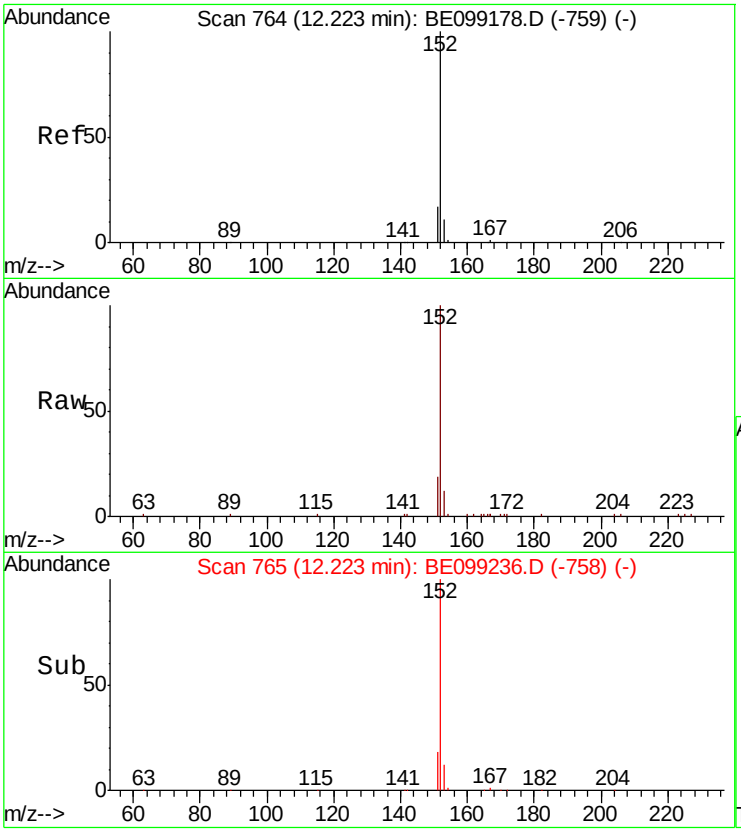


#10
Hexachlorobutadiene
Concen: 0.348 ng
RT: 10.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:225 Resp: 4734

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.3	76.9
227	64.2	48.6	73.0



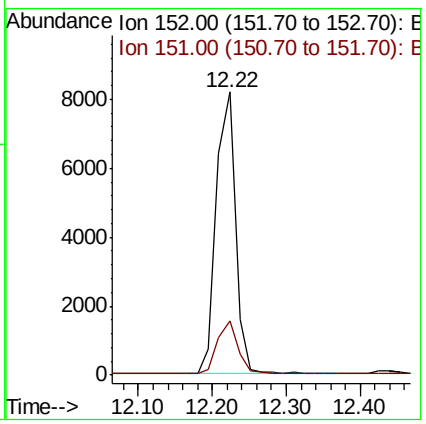


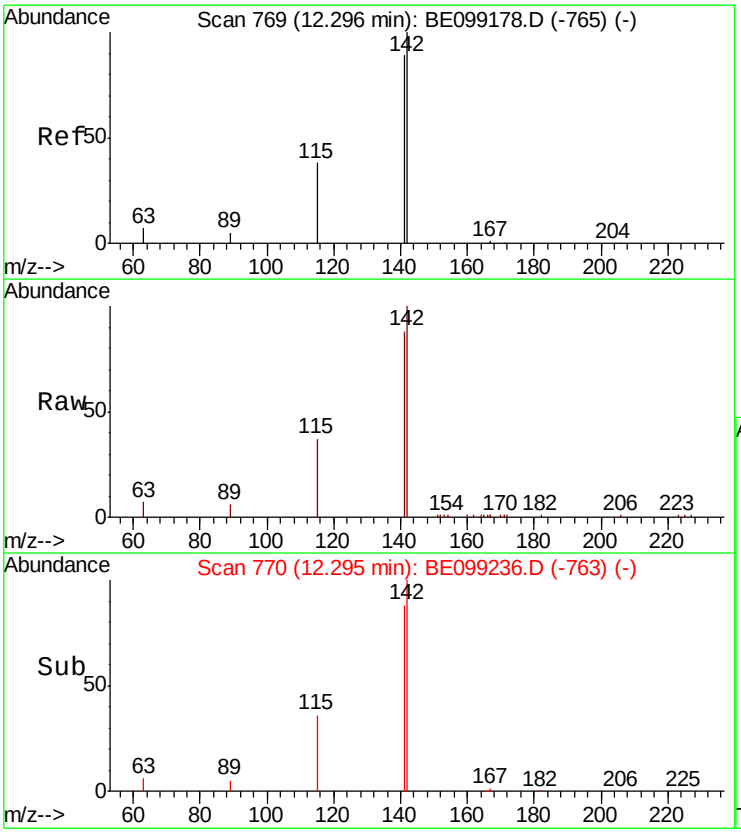
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.22 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14805

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

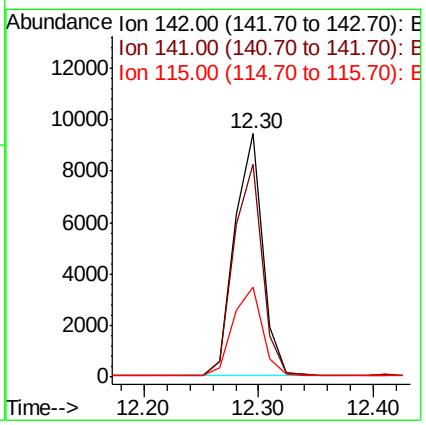


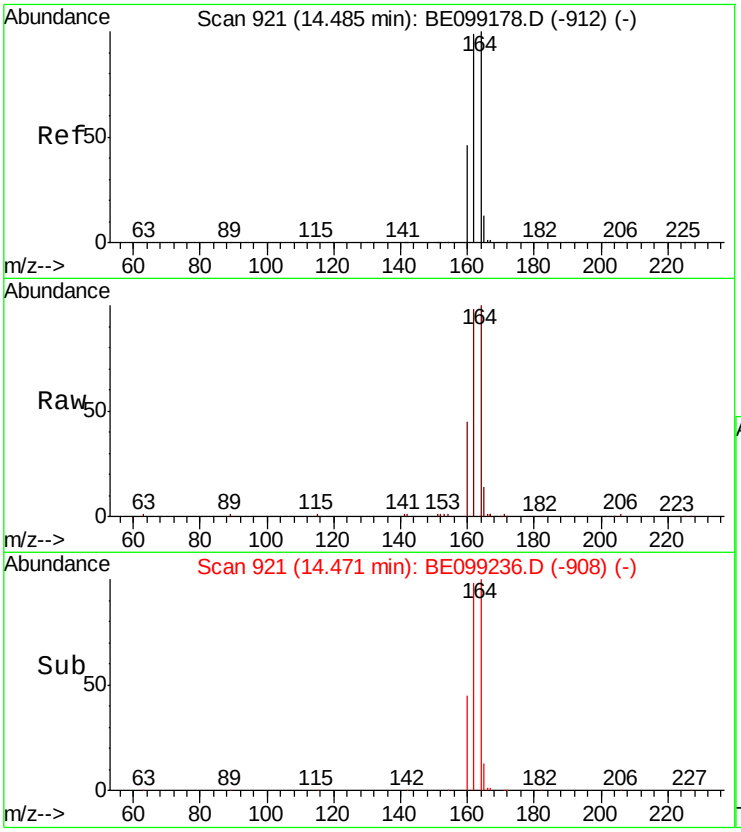


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.30 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:142 Resp: 15894

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	36.9	30.4	45.6



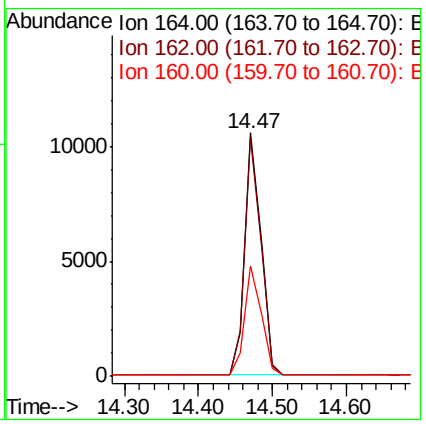


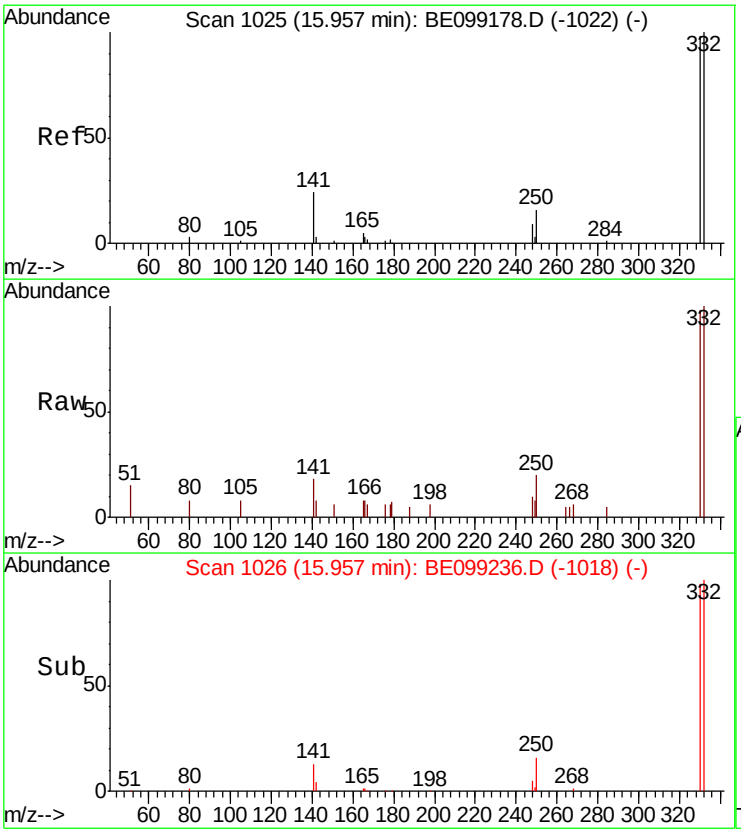
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 16075

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.2	118.8
160	45.3	36.7	55.1

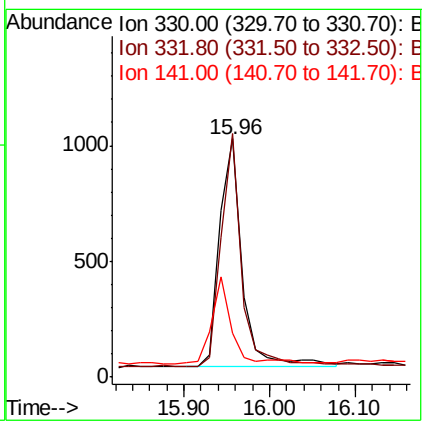


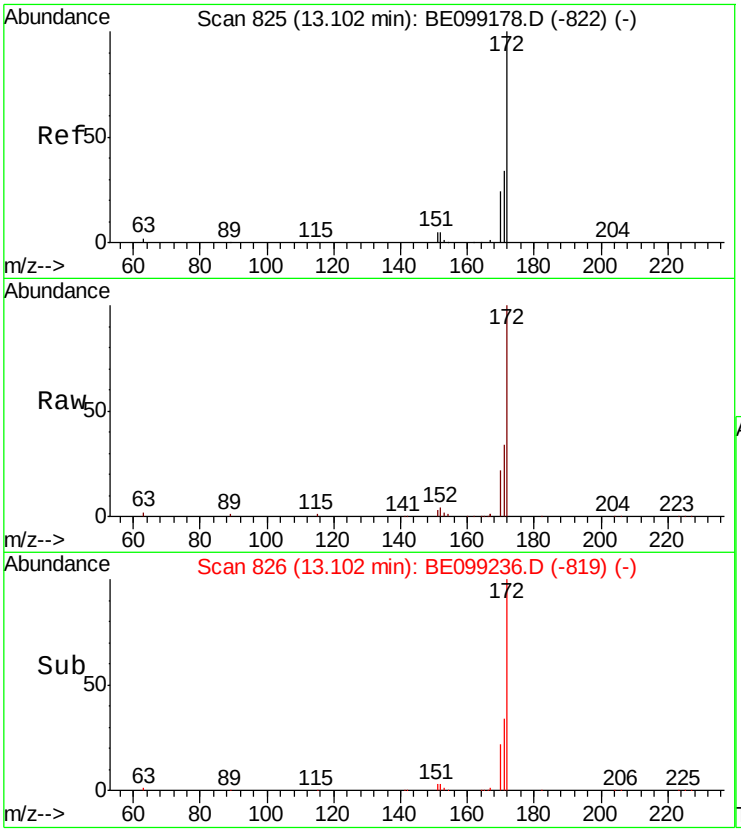


#14
2,4,6-Tribromophenol
Concen: 0.429 ng
RT: 15.96 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:330 Resp: 1823

Ion	Ratio	Lower	Upper
330	100		
332	95.6	71.3	106.9
141	30.6	21.7	32.5



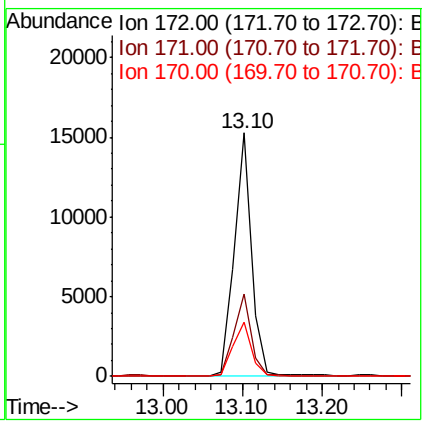


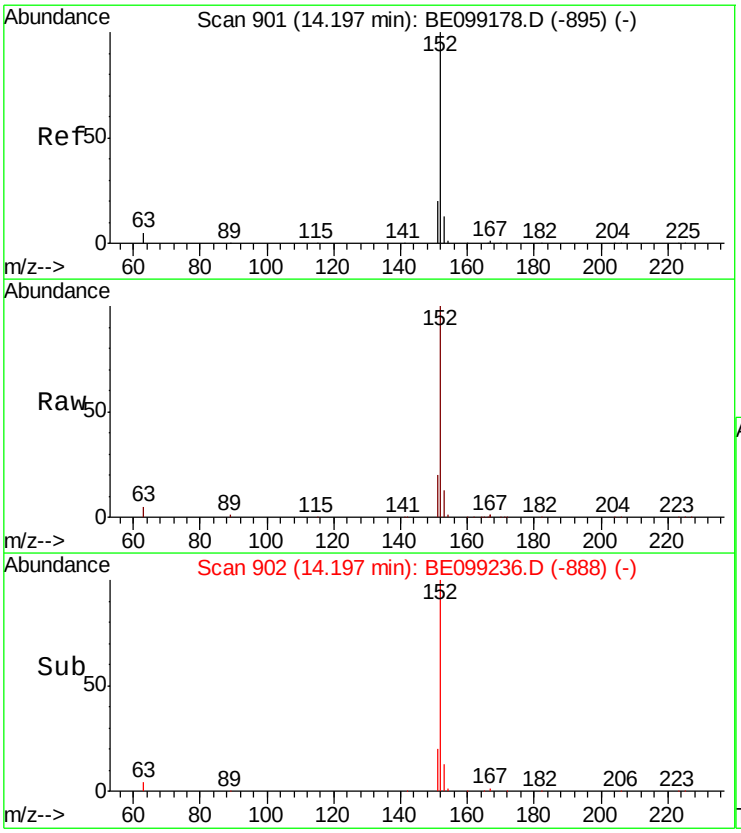
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.10 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 22679

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.2	19.1	28.7

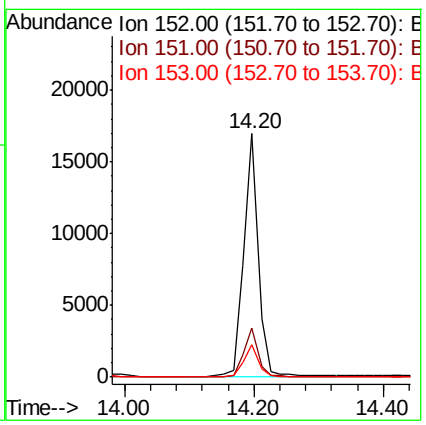


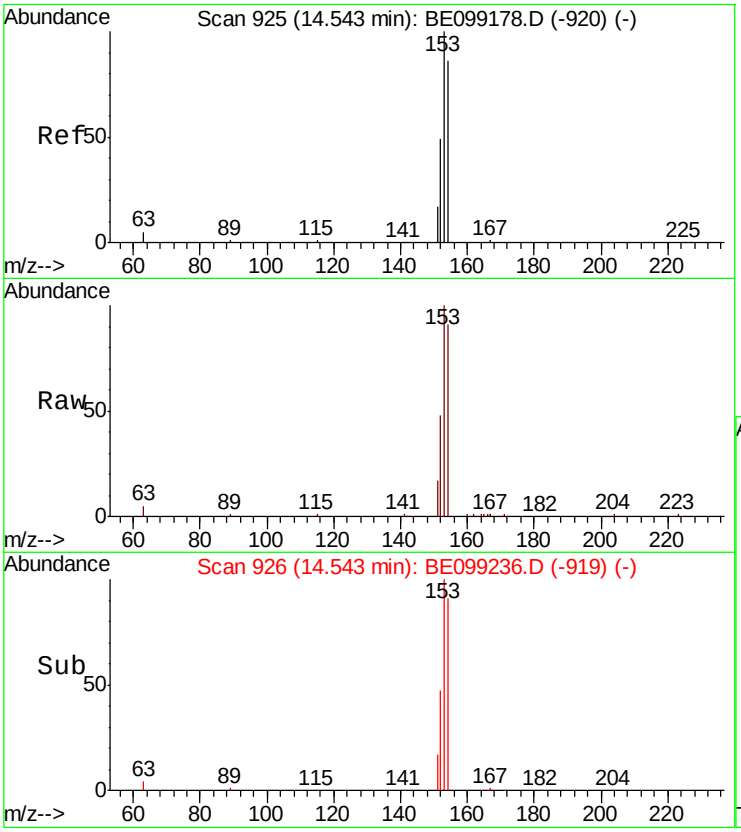


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:152 Resp: 26202

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.0	10.6	15.8



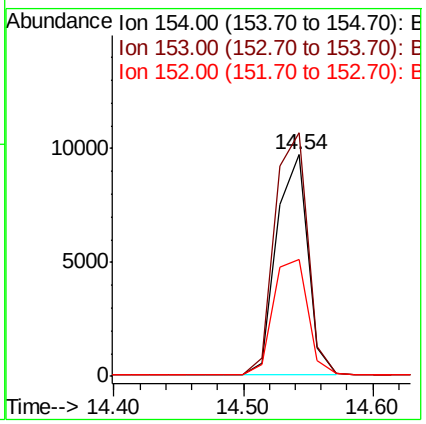


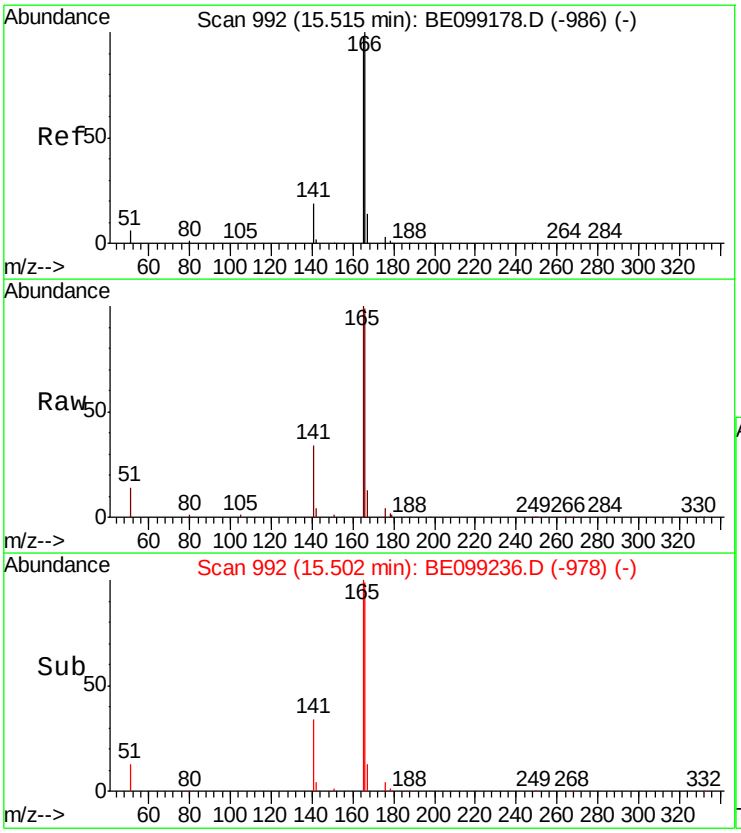
#17
Acenaphthene
Concen: 0.334 ng
RT: 14.54 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 16363

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.4	140.0
152	57.4	46.6	69.8

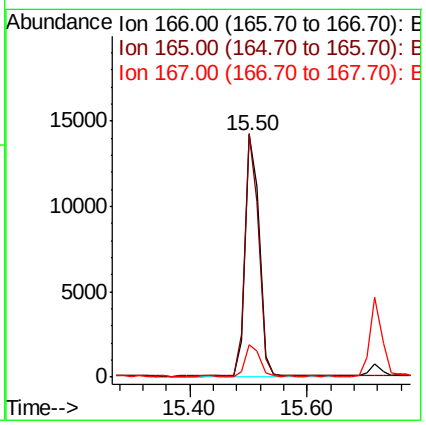


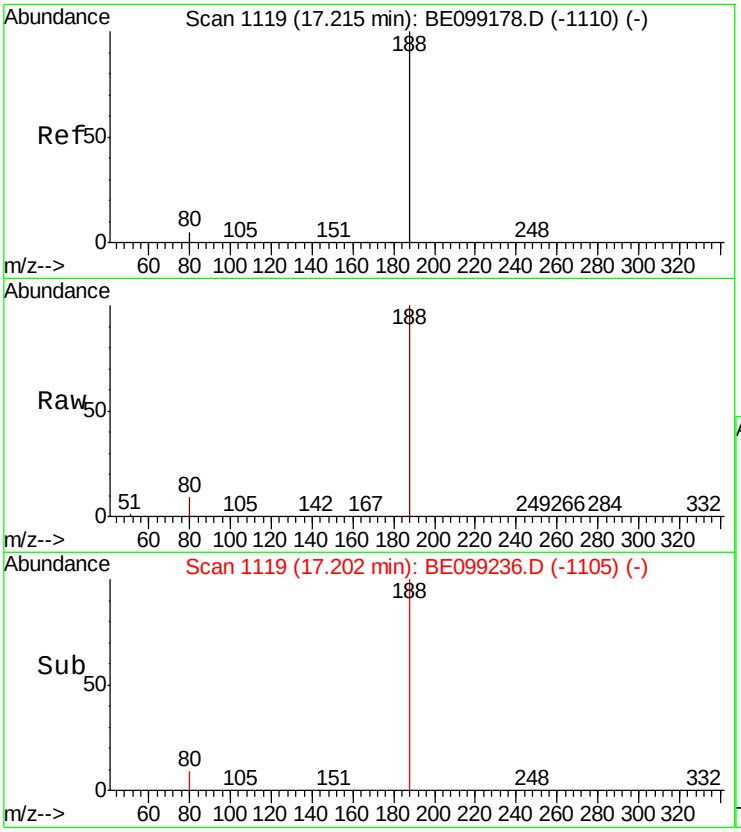


#18
Fluorene
Concen: 0.336 ng
RT: 15.50 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:166 Resp: 23183

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.1	10.9	16.3



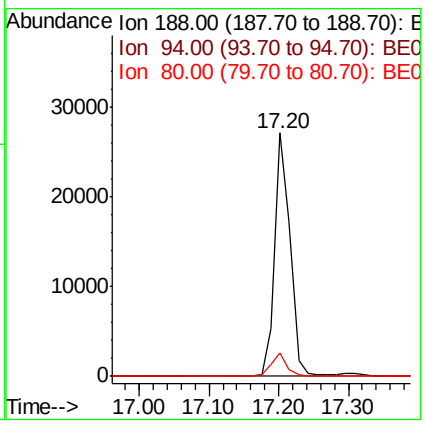


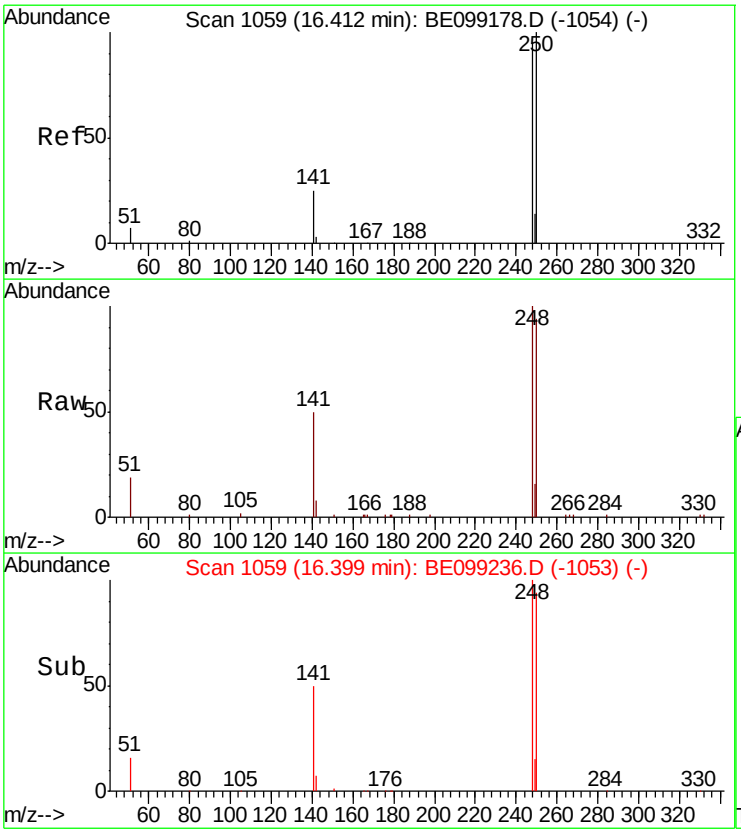
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 41849

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	4.5	6.7#

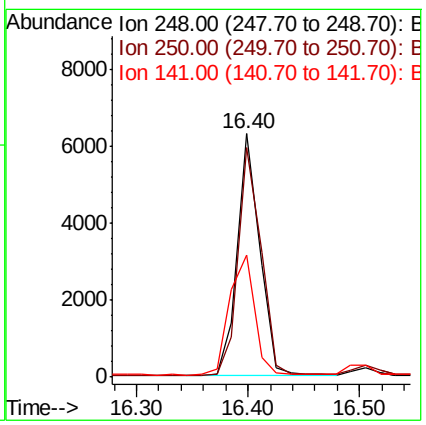


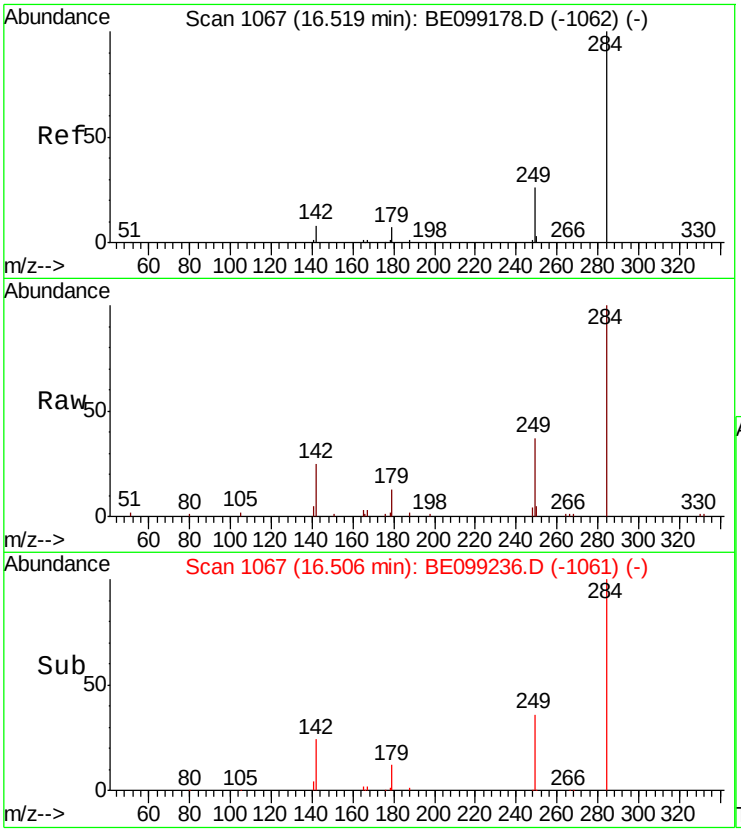


#20
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.40 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:248 Resp: 8696

Ion	Ratio	Lower	Upper
248	100		
250	94.1	84.2	126.2
141	50.4	21.8	32.6#



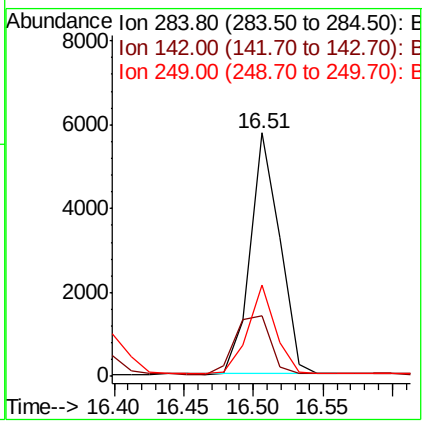


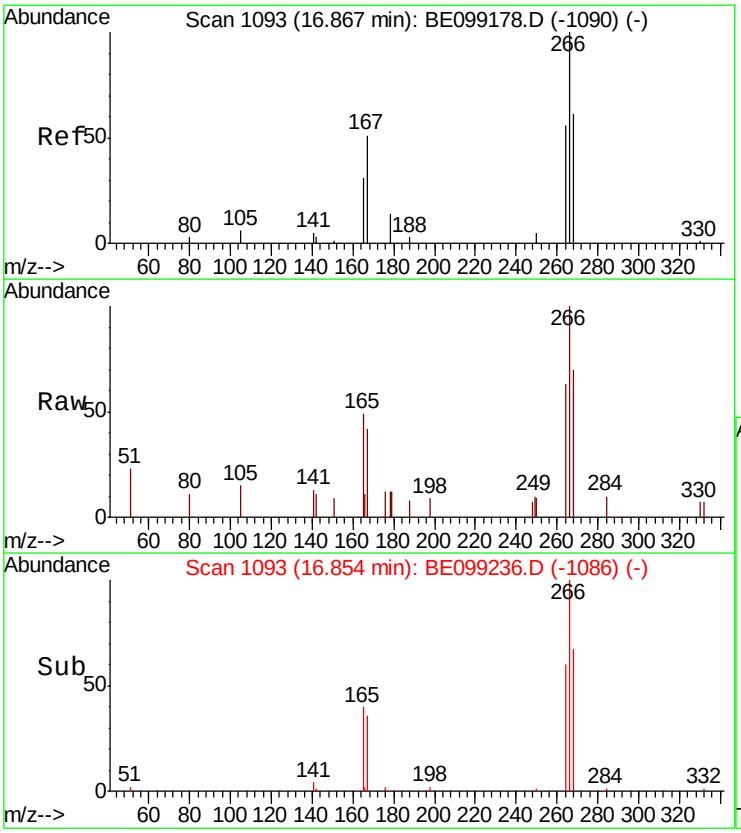
#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.51 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 8486

Ion	Ratio	Lower	Upper
284	100		
142	28.9	22.7	34.1
249	33.7	26.9	40.3

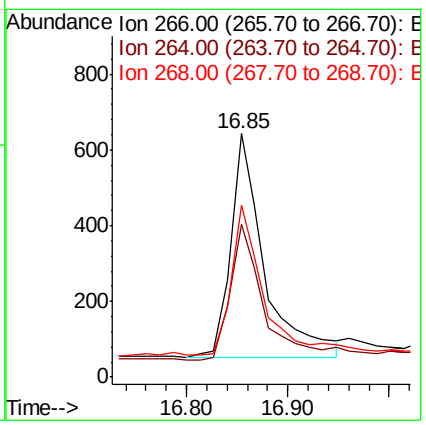


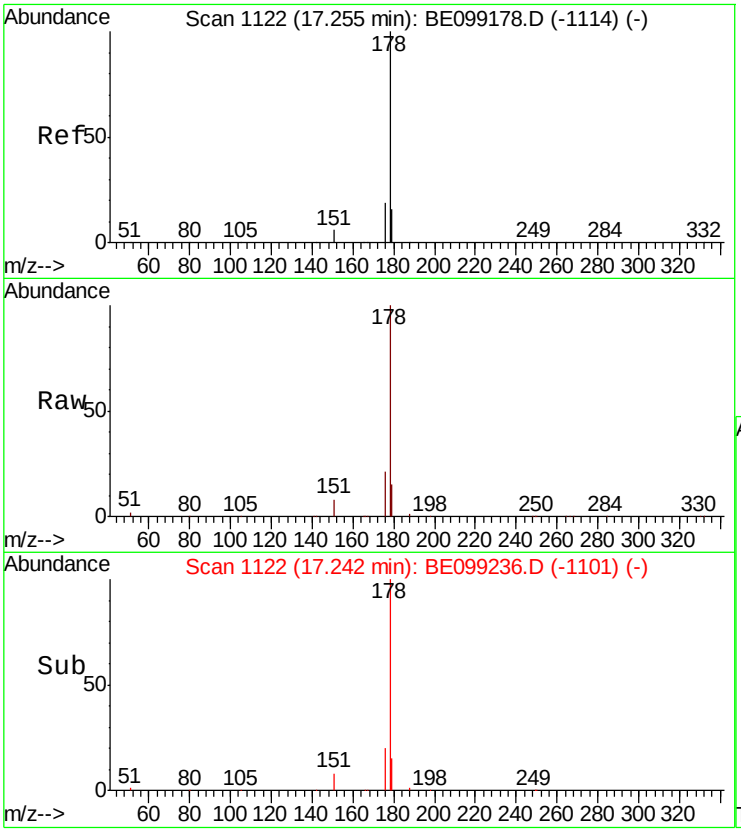


#22
Pentachlorophenol
Concen: 0.590 ng
RT: 16.85 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:266 Resp: 1378

Ion	Ratio	Lower	Upper
266	100		
264	63.0	54.4	81.6
268	70.5	61.3	91.9



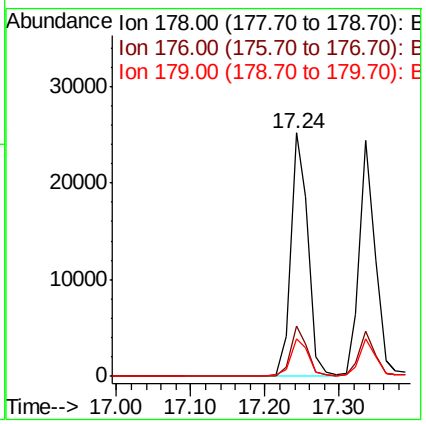


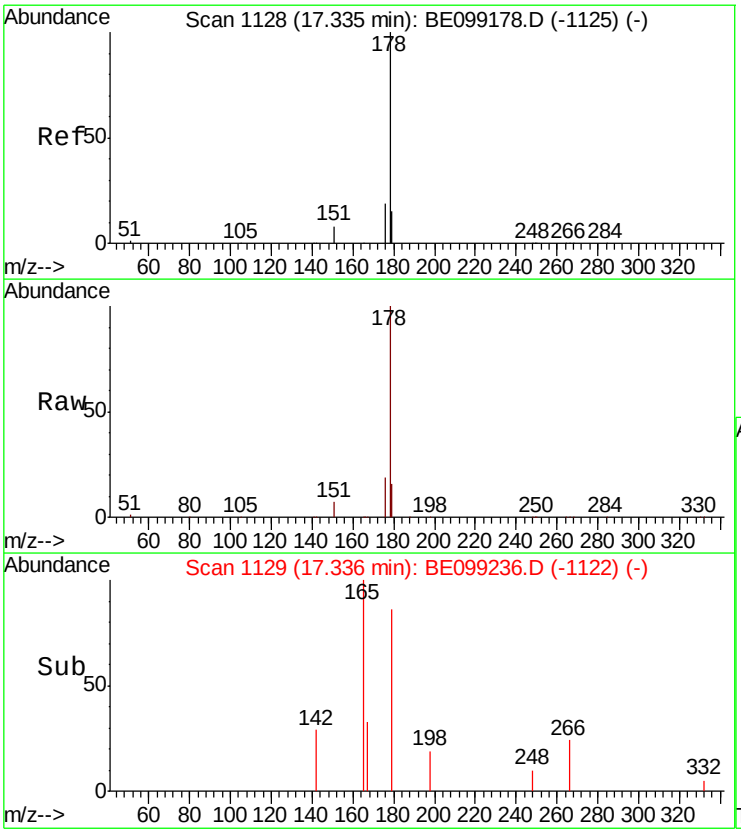
#23
Phenanthrene
Concen: 0.329 ng
RT: 17.24 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 40409

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.3	18.5

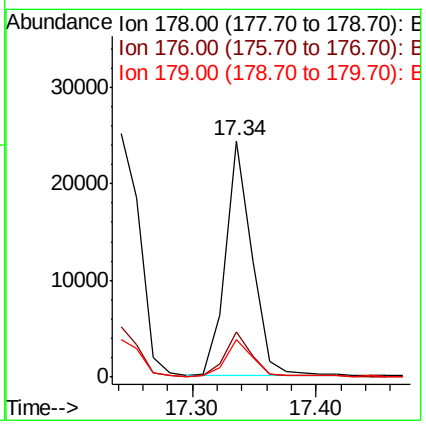


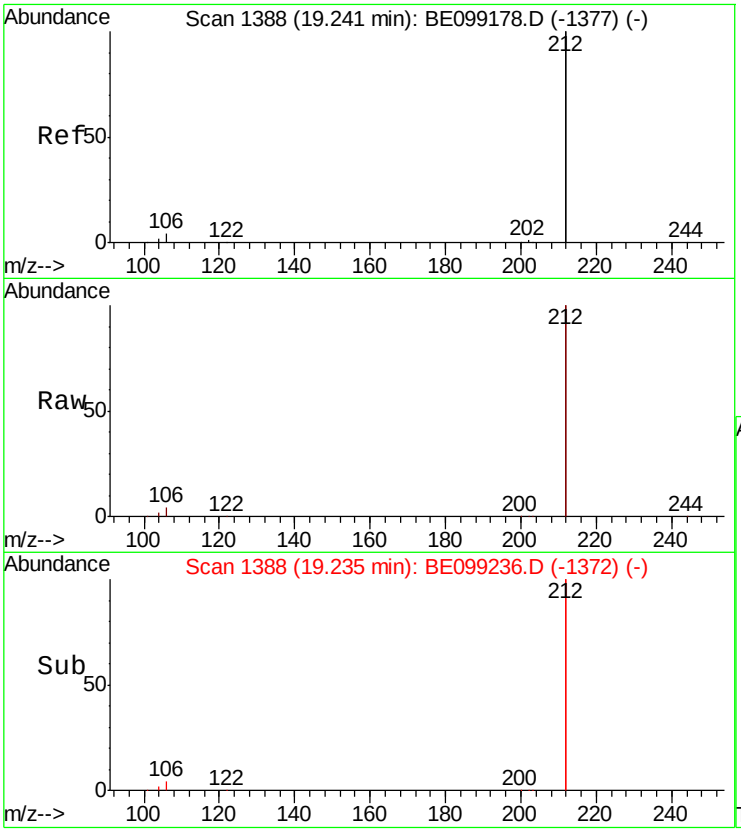


#24
Anthracene
Concen: 0.320 ng
RT: 17.34 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:178 Resp: 35541

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.8	12.4	18.6



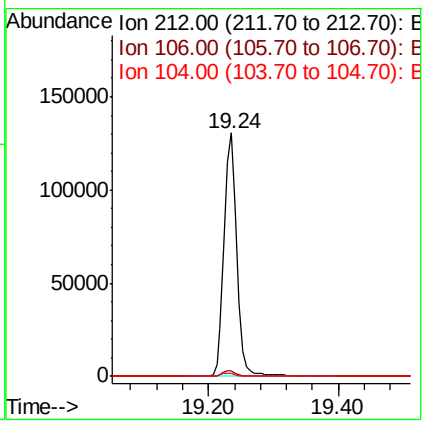


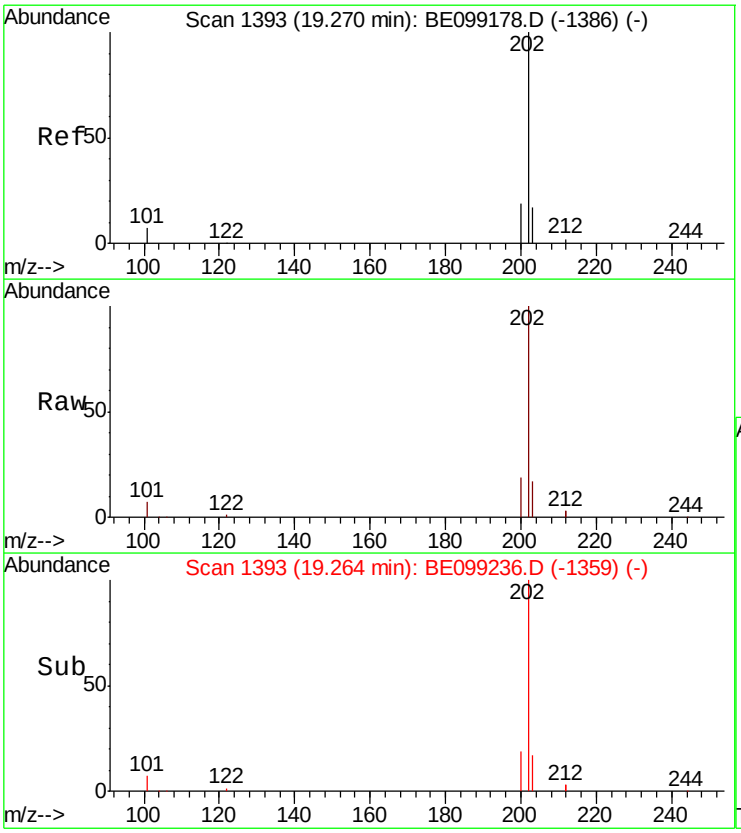
#25
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 175006

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

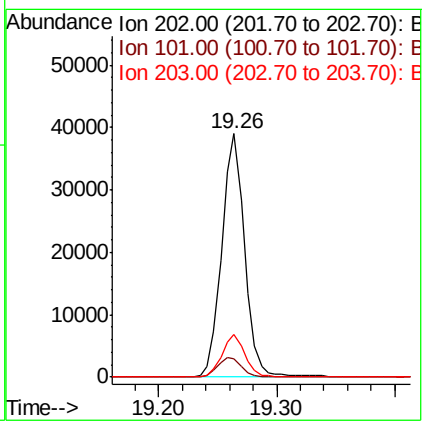


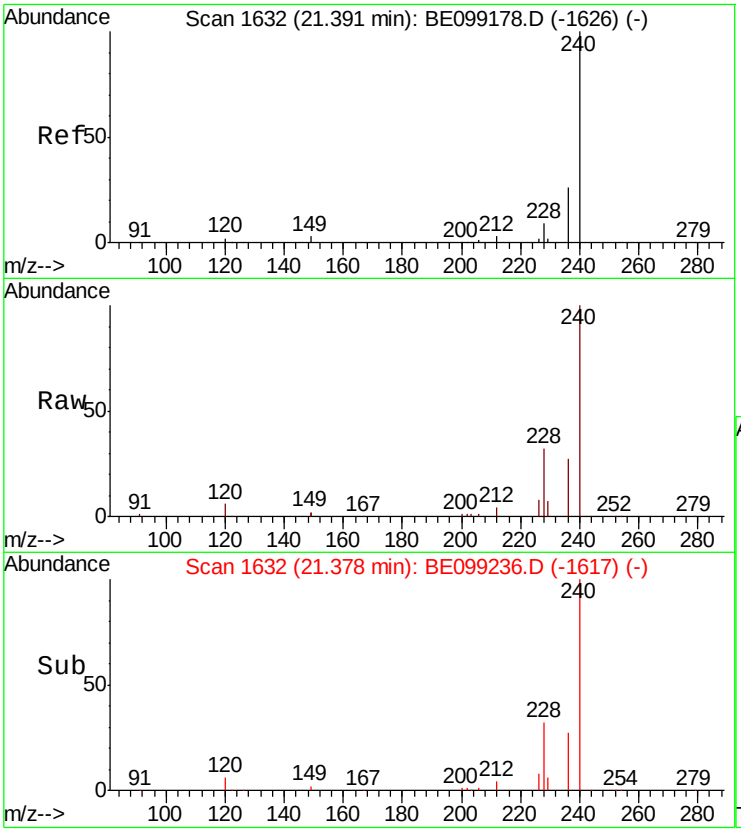


#26
Fluoranthene
Concen: 0.329 ng
RT: 19.26 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:202 Resp: 51667

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
203	17.0	13.8	20.6



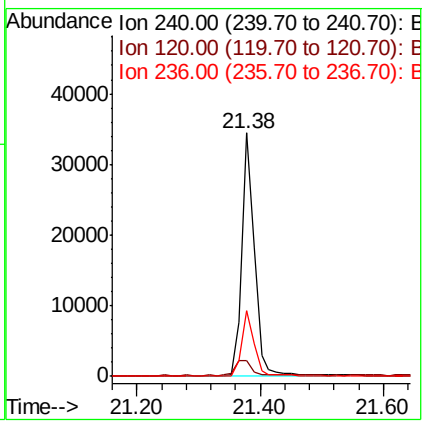


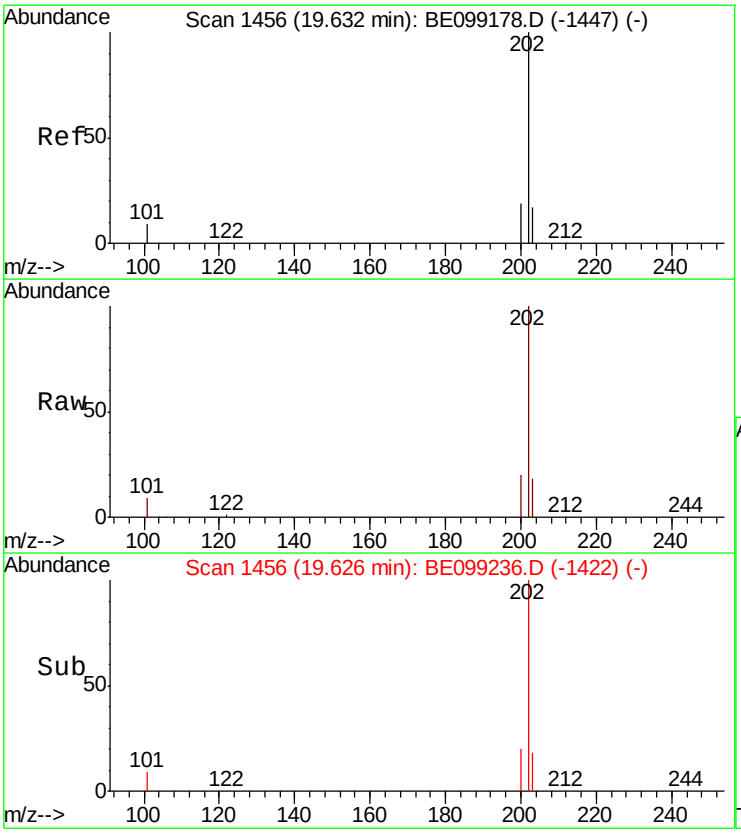
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 48358

Ion	Ratio	Lower	Upper
240	100		
120	6.3	2.6	3.8#
236	26.7	20.9	31.3

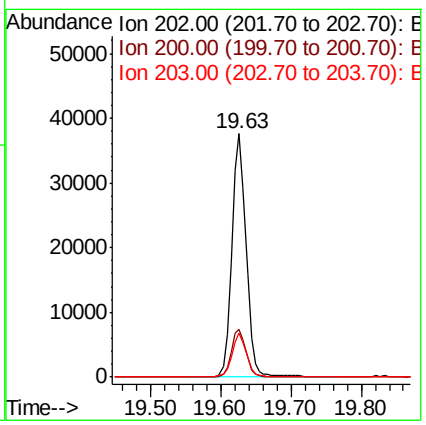


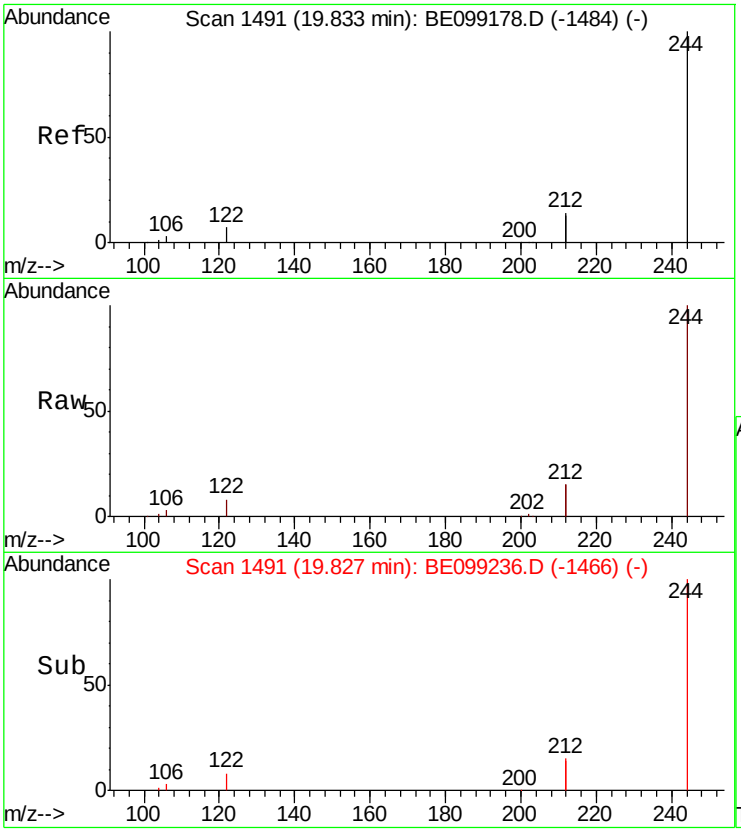


#28
Pyrene
Concen: 0.326 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:202 Resp: 52374

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.8	23.8
203	17.7	14.1	21.1



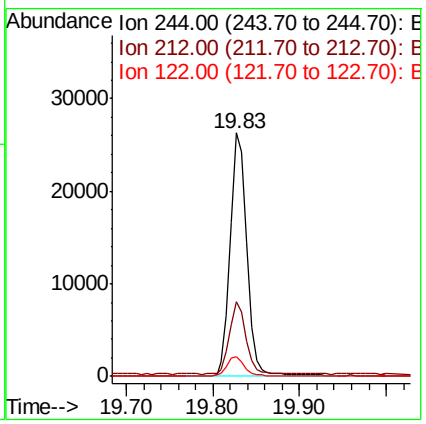


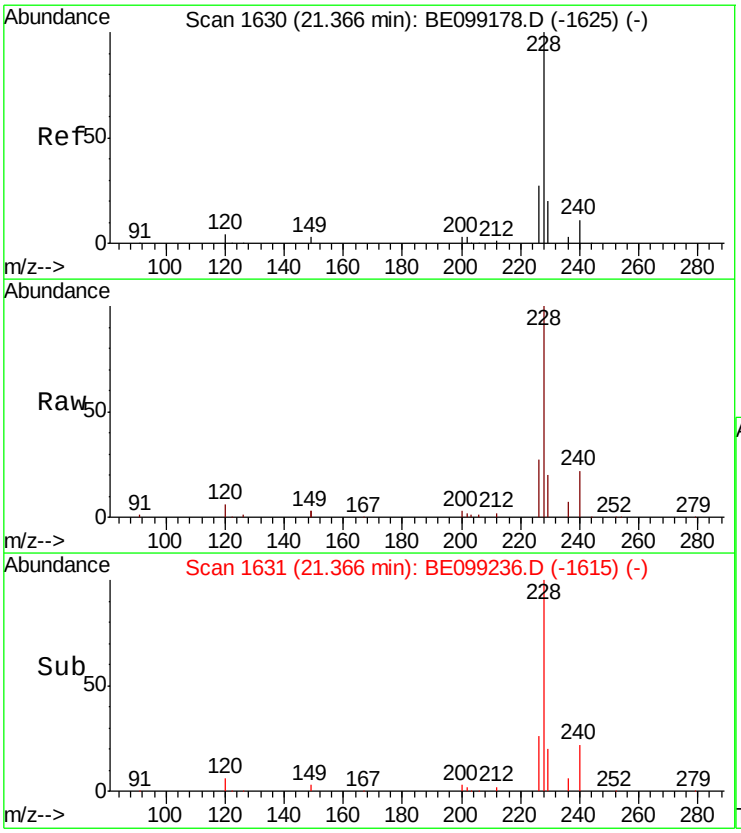
#29
Terphenyl-d14
Concen: 0.326 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 34287

Ion	Ratio	Lower	Upper
244	100		
212	30.7	22.7	34.1
122	8.1	5.8	8.6

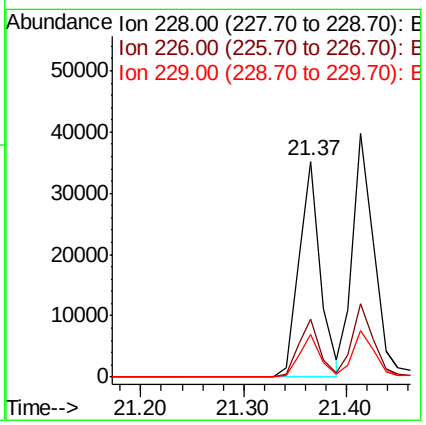


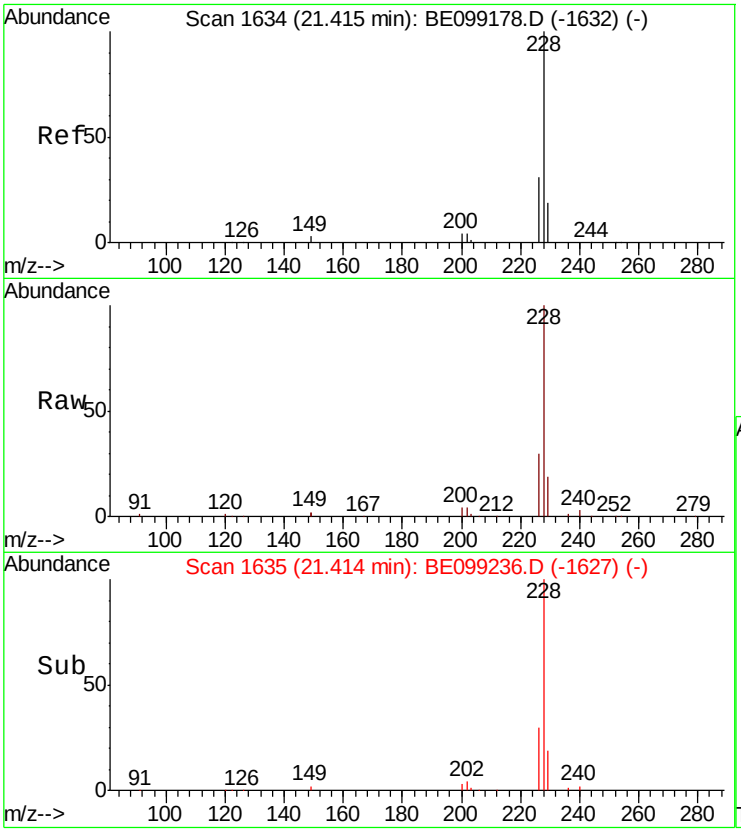


#30
Benzo(a)anthracene
Concen: 0.318 ng
RT: 21.37 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:228 Resp: 50719

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.9	15.9	23.9



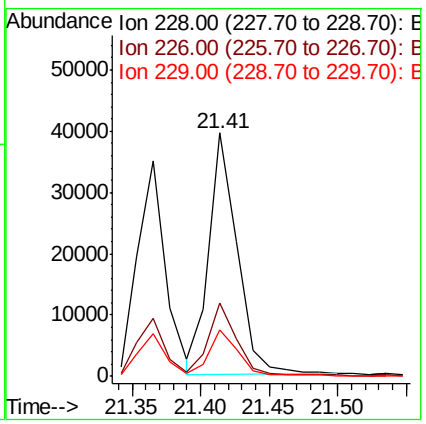


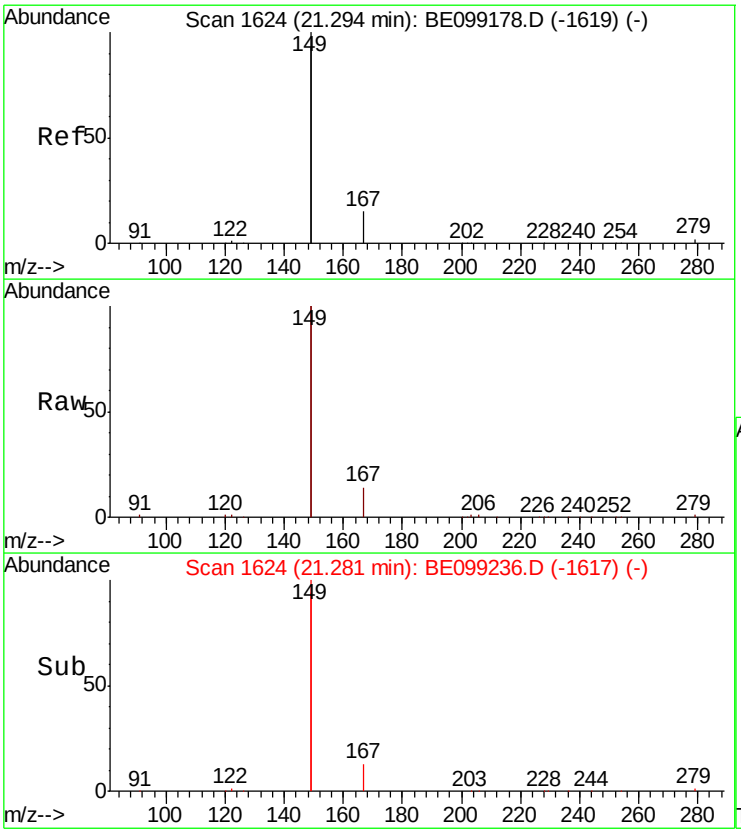
#31
Chrysene
Concen: 0.332 ng
RT: 21.41 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 56556

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	19.3	15.4	23.0

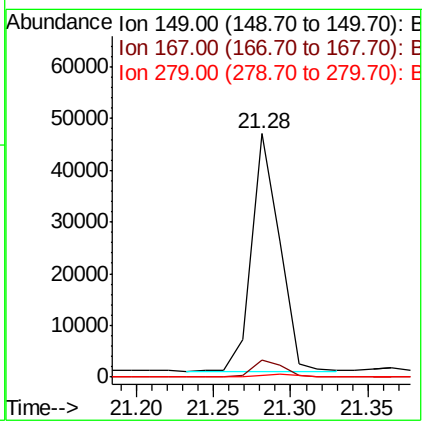


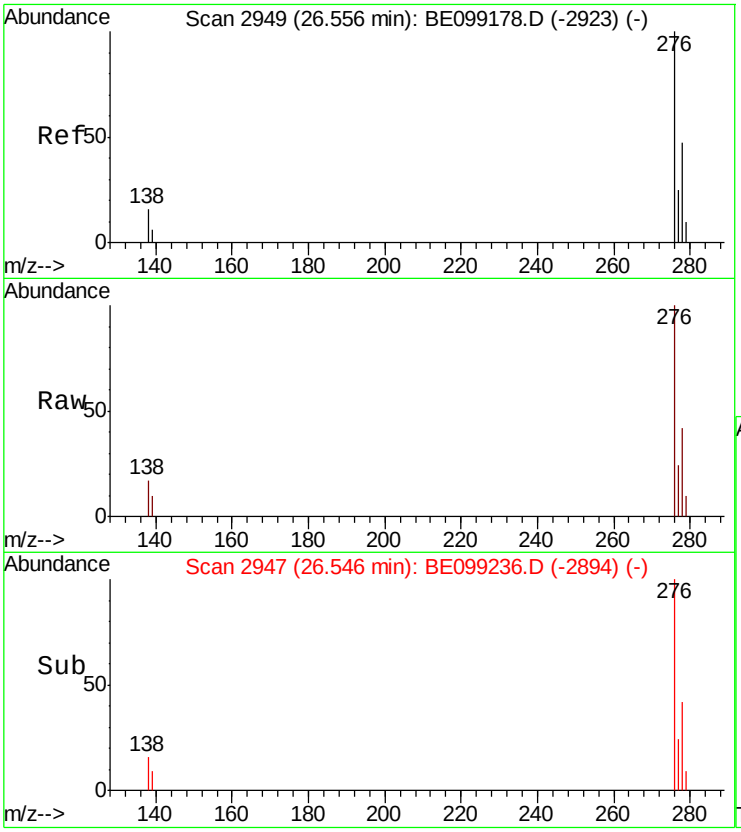


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.28 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:149 Resp: 57466

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.2	1.0	1.6



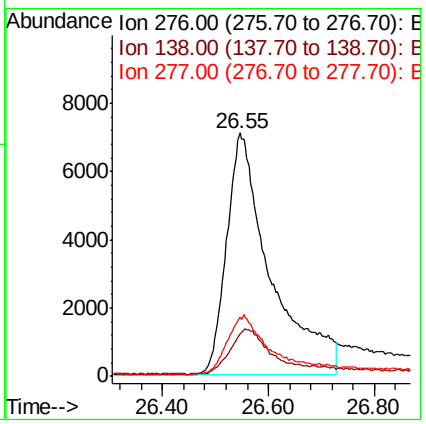


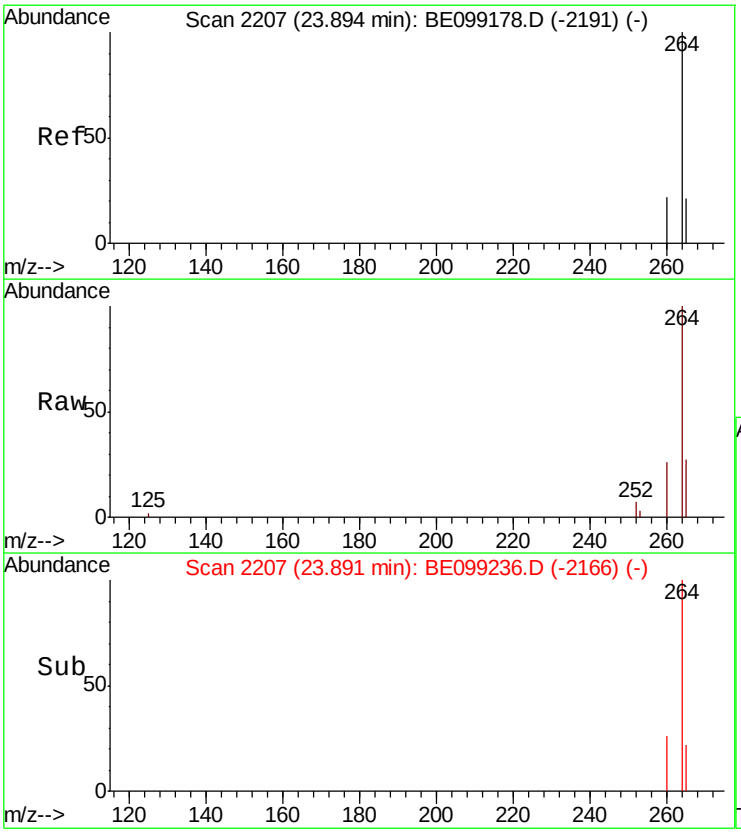
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng
RT: 26.55 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 40937

Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.9	19.3
277	23.0	18.3	27.5

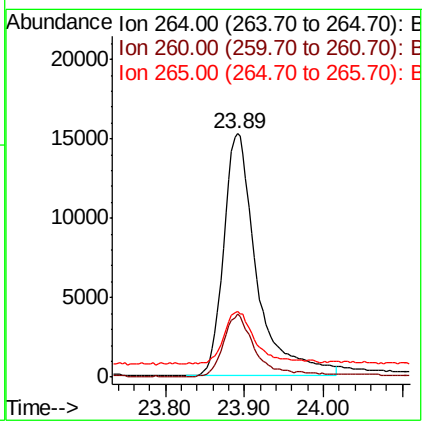


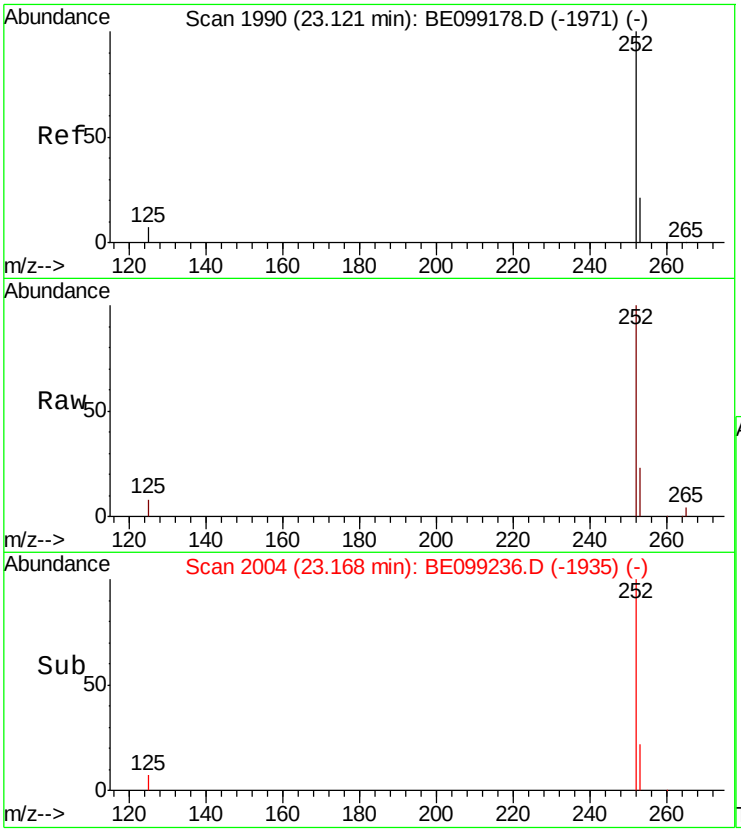


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:264 Resp: 44377

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.2	27.2
265	27.1	21.8	32.8



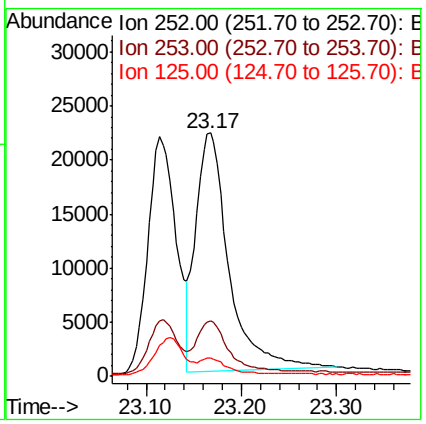


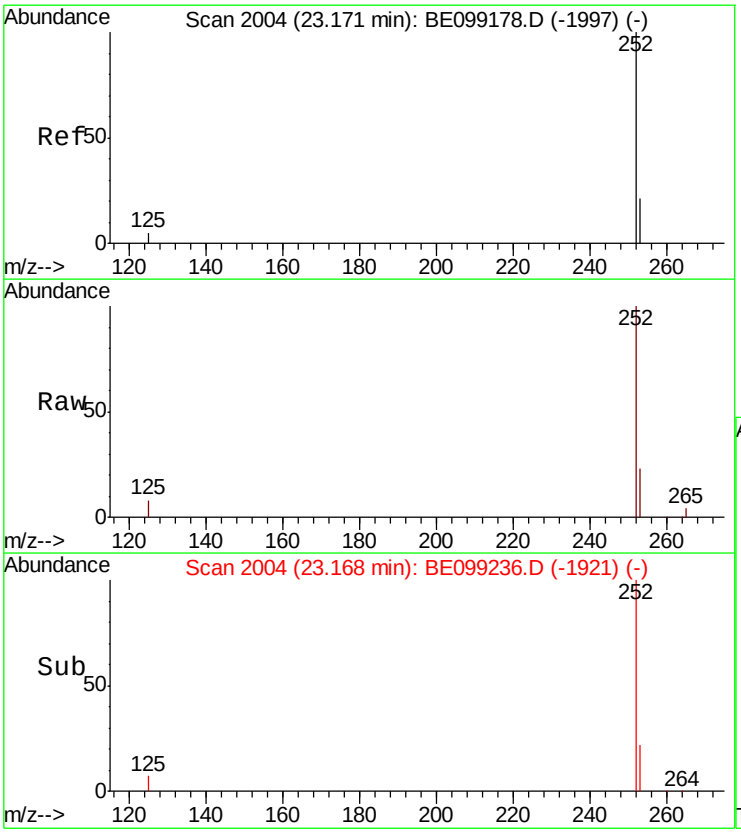
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 23.17 min Scan# 2004
Delta R.T. 0.05 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 53114

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	7.7	6.1	9.1

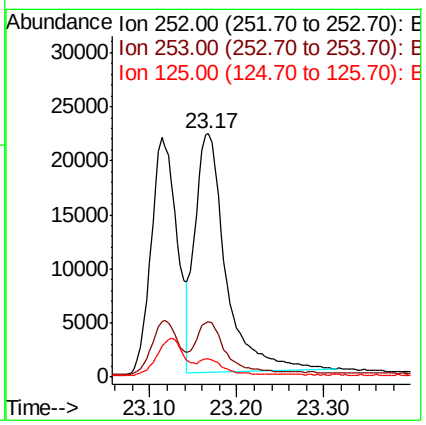


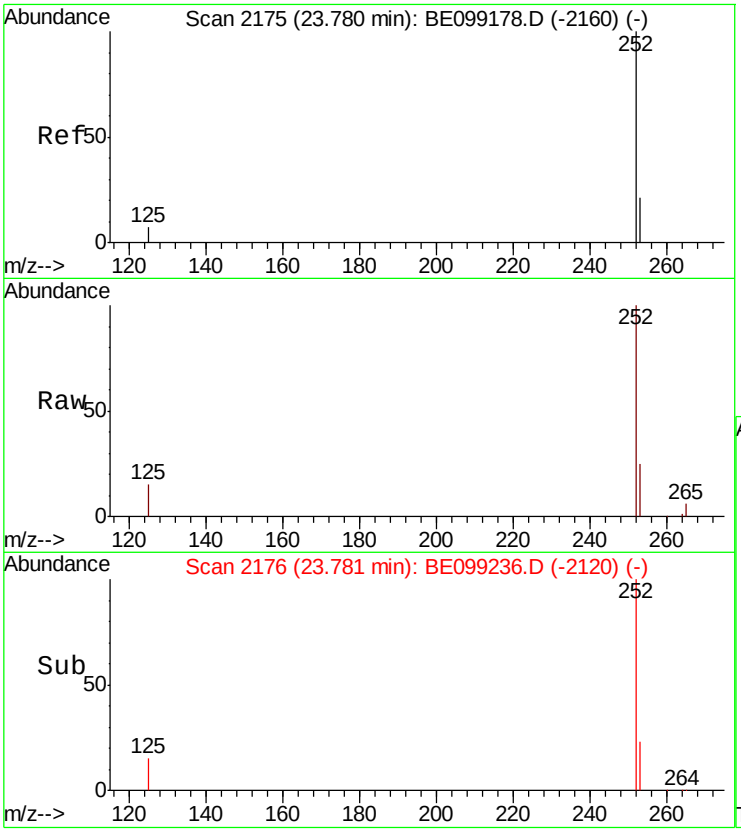


#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:252 Resp: 54300

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.7	5.9	8.9



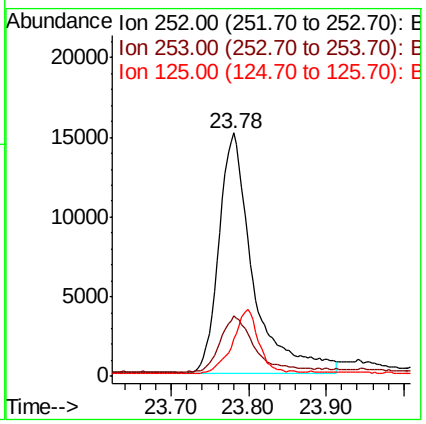


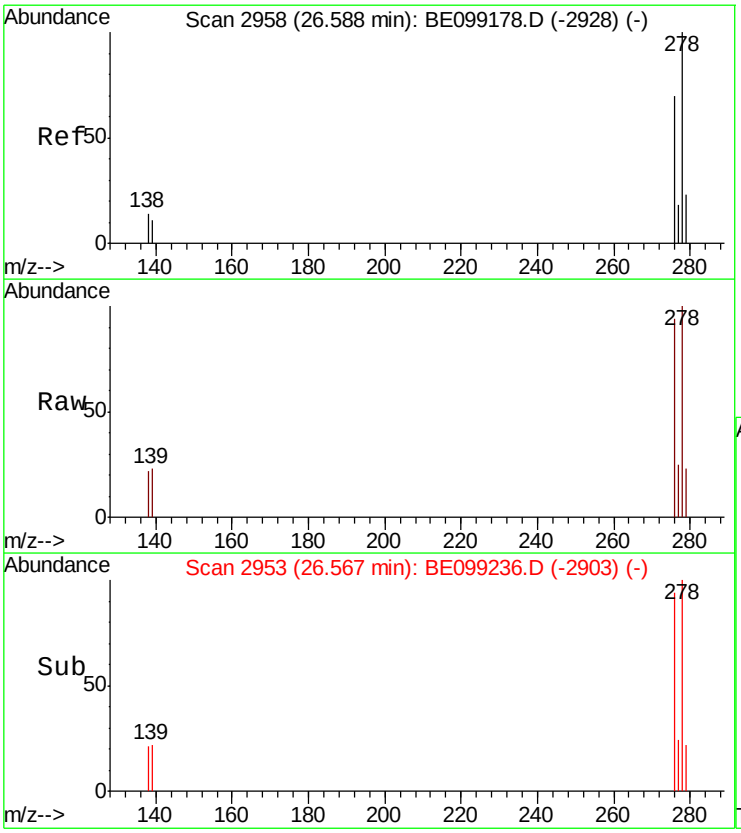
#37
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.78 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 45773

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	15.3	6.8	10.2#

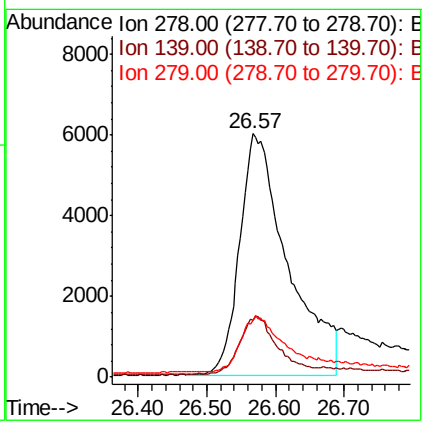


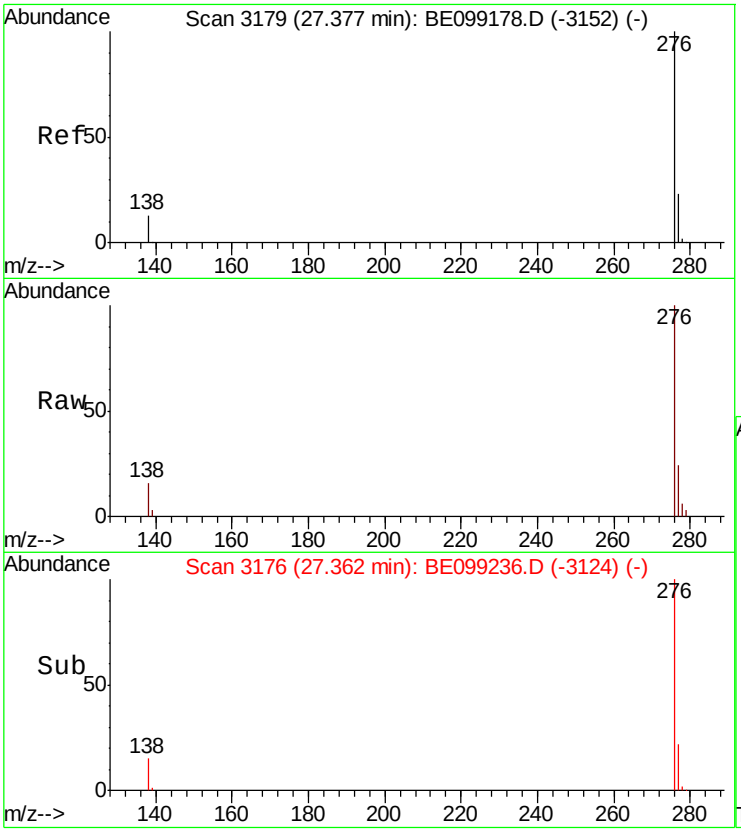


#38
Dibenzo(a,h)anthracene
Concen: 0.240 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Tgt Ion:278 Resp: 29102

Ion	Ratio	Lower	Upper
278	100		
139	23.4	9.5	14.3#
279	23.5	19.1	28.7





#39
Benzo(g,h,i)perylene
Concen: 0.268 ng
RT: 27.36 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE099236.D
Acq: 27 Mar 2019 4:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 32526

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	16.0	11.1	16.7