Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099139.D
Acq On : 24 Mar 2019 8:40
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 24 23:03:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5657	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	25842	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	18861	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	50261	0.40	ng		0.00
27) Chrysene-d12	21.39	240	57538	0.40	ng		0.00
34) Perylene-d12	23.89	264	61486	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	7879	0.47	ng		0.00
5) Phenol-d6	6.99	99	12175	0.50	ng		0.00
8) Nitrobenzene-d5	8.99	82	10236	0.91	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	21586	0.46	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	4717	0.85	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	35072	0.47	ng		-0.01
25) Fluoranthene-d10	19.24	212	262470	0.39	ng		0.00
29) Terphenyl-d14	19.83	244	58347	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3405	0.388	ng	#	94
3) n-Nitrosodimethylamine	3.66	42	2083	0.460	ng	#	88
6) bis(2-Chloroethyl)ether	7.27	93	9223	0.468	ng	#	87
9) Naphthalene	10.68	128	133722	0.439	ng		98
10) Hexachlorobutadiene	10.97	225	7138	0.479	ng		99
12) 2-Methylnaphthalene	12.30	142	24178	0.464	ng		95
16) Acenaphthylene	14.20	152	43886	0.436	ng		97
17) Acenaphthene	14.54	154	25526	0.428	ng		98
18) Fluorene	15.52	166	35712	0.410	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	13358	0.480	ng	#	61
21) Hexachlorobenzene	16.52	284	12586	0.487	ng		92
22) Pentachlorophenol	16.85	266	5271	0.749	ng	#	77
23) Phenanthrene	17.26	178	62115	0.416	ng		100
24) Anthracene	17.34	178	58509	0.414	ng		99
26) Fluoranthene	19.27	202	80213	0.382	ng		99
28) Pyrene	19.63	202	82966	0.425	ng		98
30) Benzo(a)anthracene	21.37	228	85654	0.422	ng		98
31) Chrysene	21.43	228	86647	0.428	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	150117	0.571	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	97430	0.447	ng		100
35) Benzo(b)fluoranthene	23.12	252	85798	0.403	ng		98
36) Benzo(k)fluoranthene	23.17	252	84430	0.405	ng		97
37) Benzo(a)pyrene	23.78	252	80404	0.409	ng	#	94
38) Dibenzo(a,h)anthracene	26.58	278	80006	0.419	ng		95
39) Benzo(g,h,i)perylene	27.37	276	80099	0.408	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
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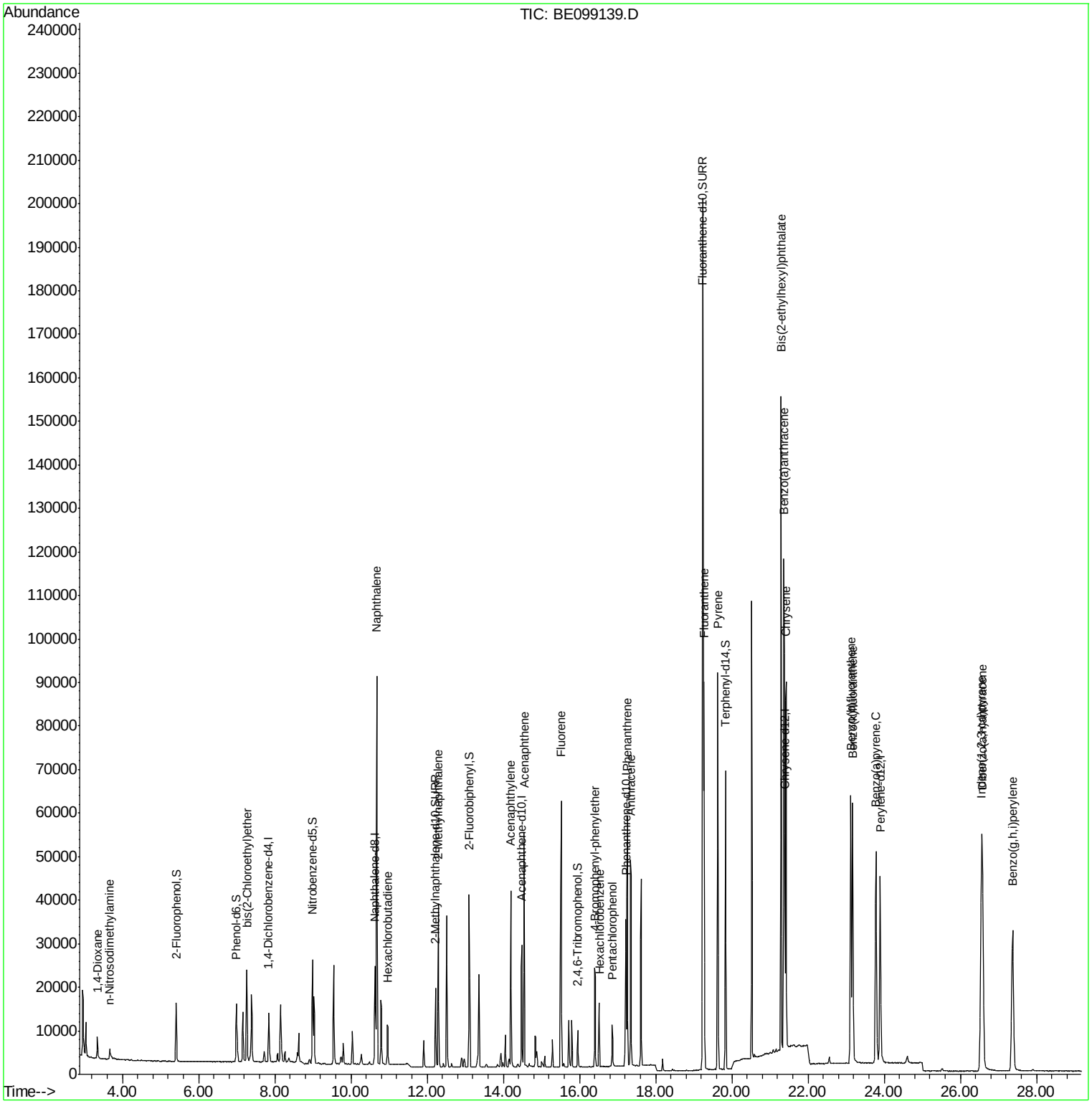
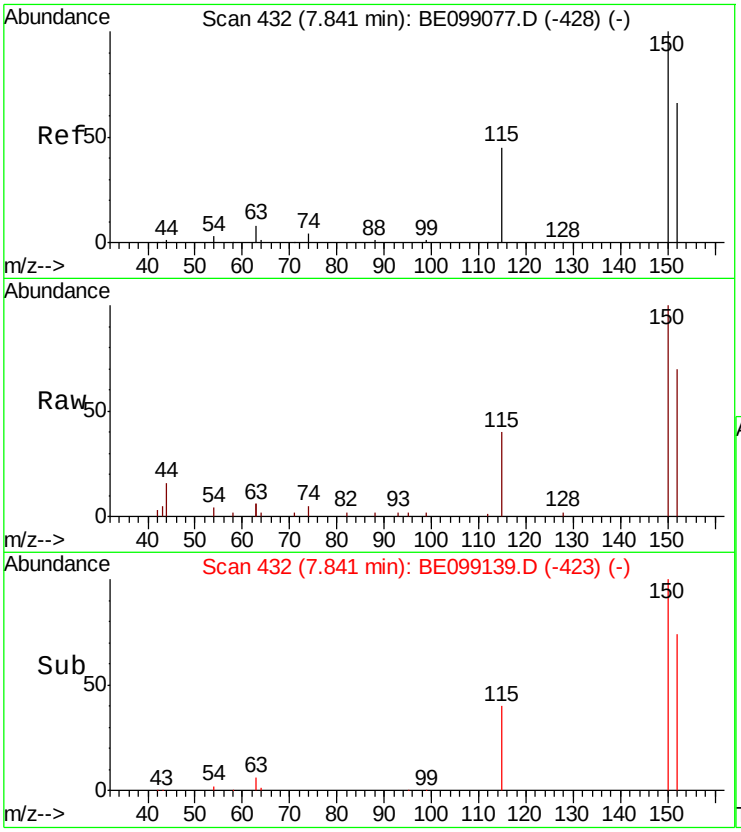
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 24 23:03:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration



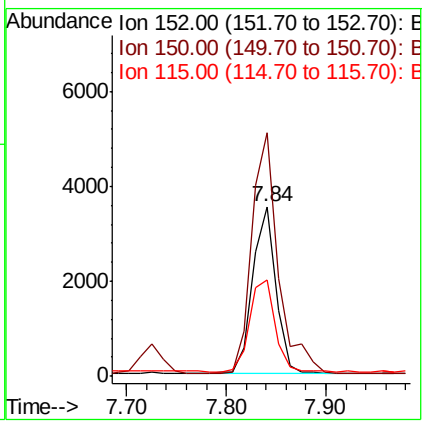


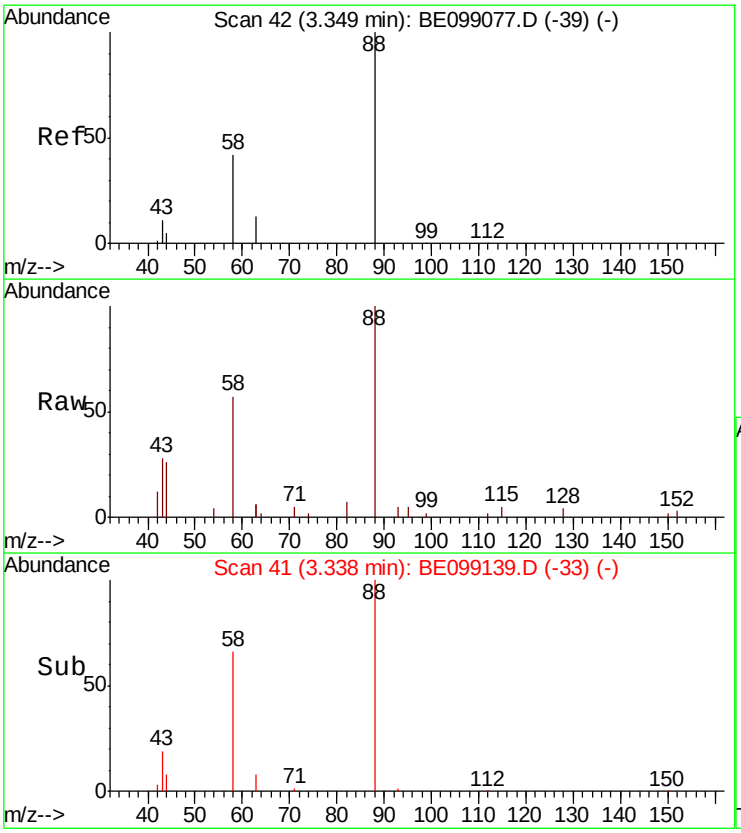
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5657

Ion	Ratio	Lower	Upper
152	100		
150	143.3	122.5	183.7
115	57.0	57.4	86.2#

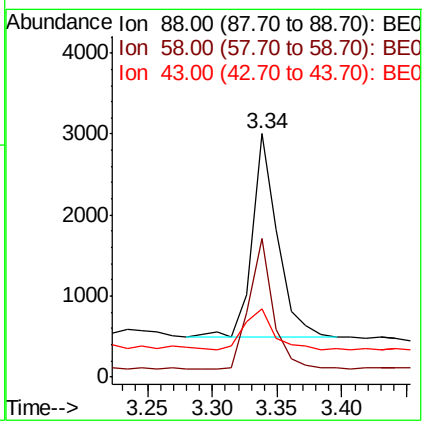


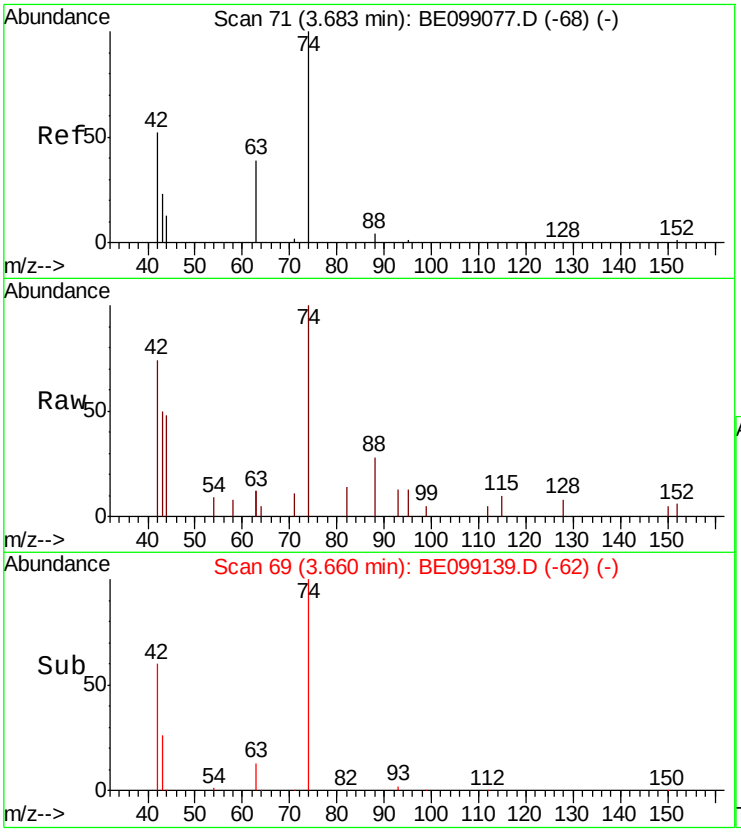


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion: 88 Resp: 3405

Ion	Ratio	Lower	Upper
88	100		
58	62.6	52.0	78.0
43	23.5	24.0	36.0#



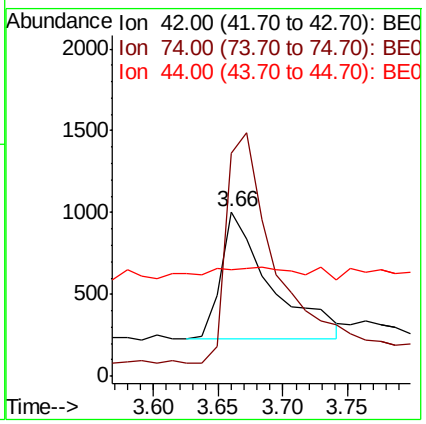


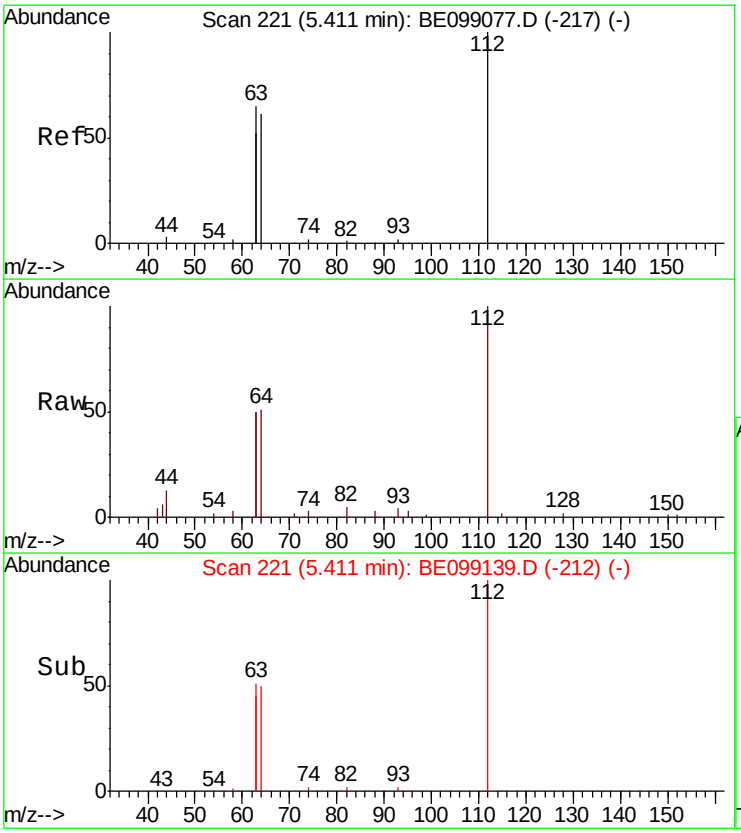
#3
n-Nitrosodimethylamine
Concen: 0.460 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.02 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2083

Ion	Ratio	Lower	Upper
42	100		
74	181.3	160.0	240.0
44	0.0	0.0	0.0

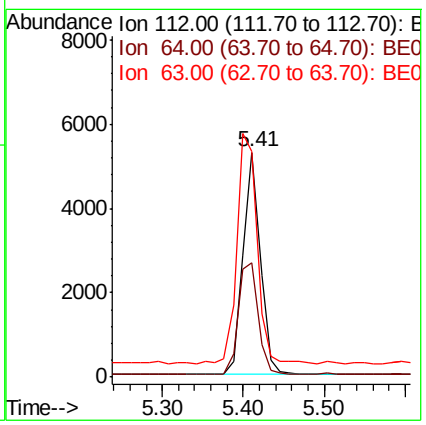


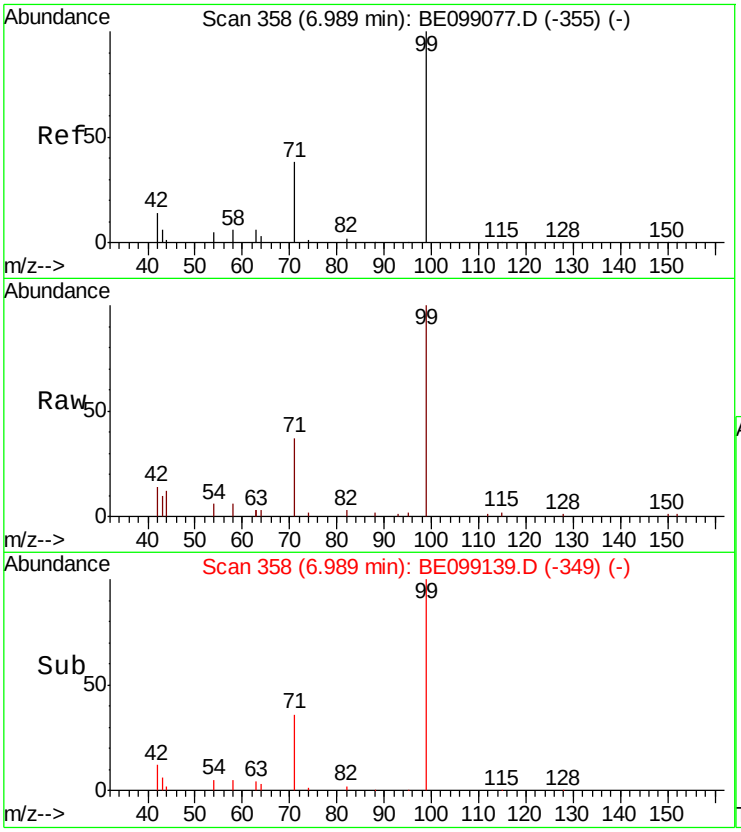


#4
2-Fluorophenol
Concen: 0.468 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:112 Resp: 7879

Ion	Ratio	Lower	Upper
112	100		
64	58.2	57.9	86.9
63	119.9	158.3	237.5#



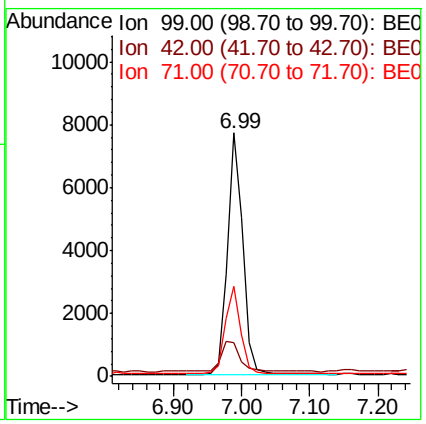


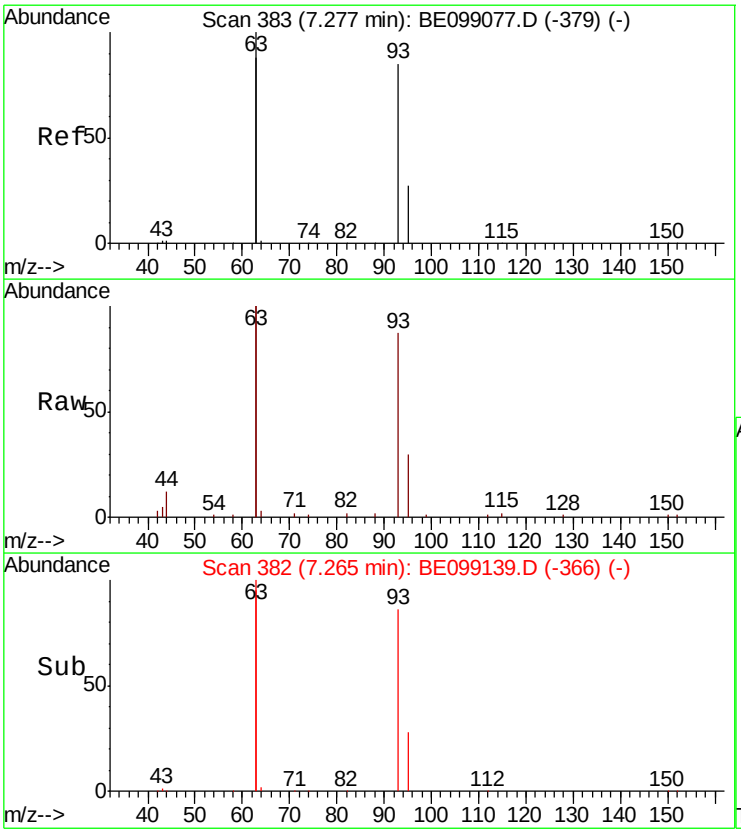
#5
Phenol-d6
Concen: 0.502 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 12175

Ion	Ratio	Lower	Upper
99	100		
42	15.1	24.2	36.2#
71	36.2	35.7	53.5

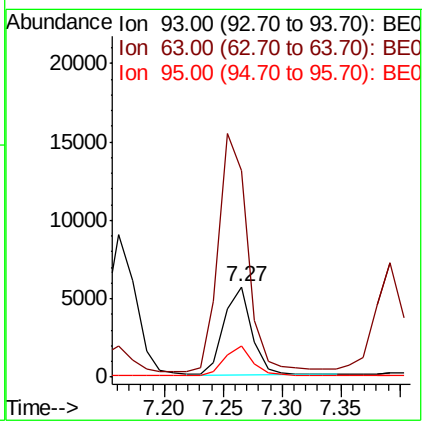


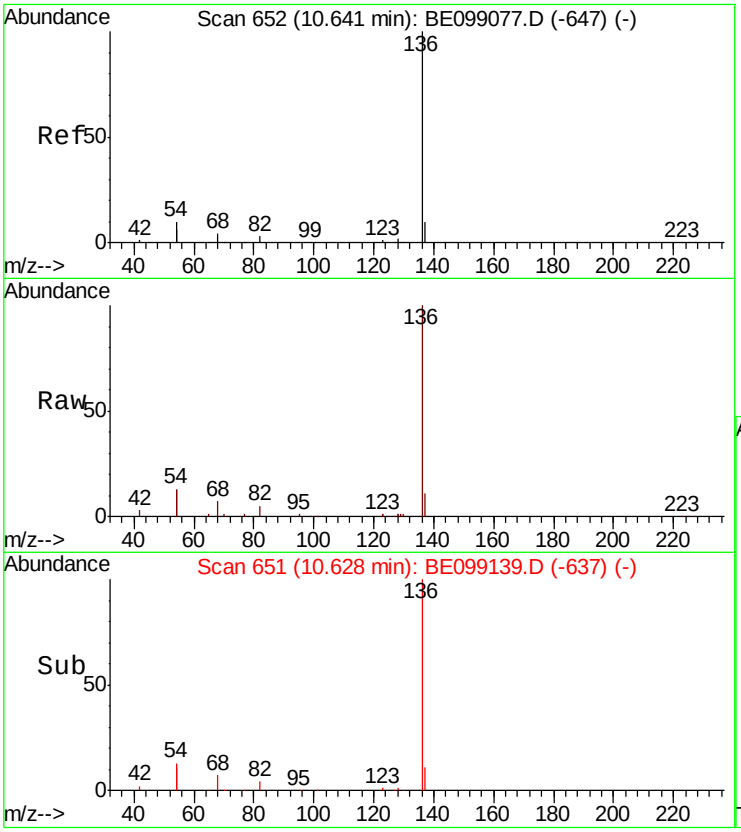


#6
bis(2-Chloroethyl)ether
Concen: 0.468 ng
RT: 7.27 min Scan# 382
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion: 93 Resp: 9223

Ion	Ratio	Lower	Upper
93	100		
63	283.5	247.5	371.3
95	32.9	21.8	32.8#



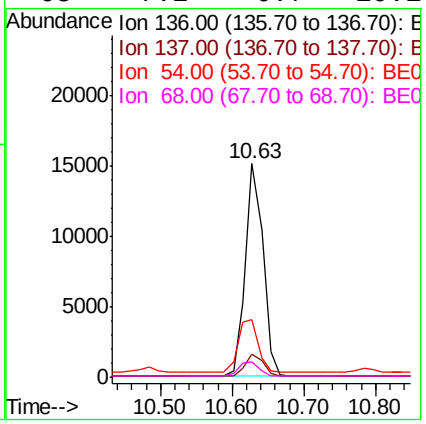


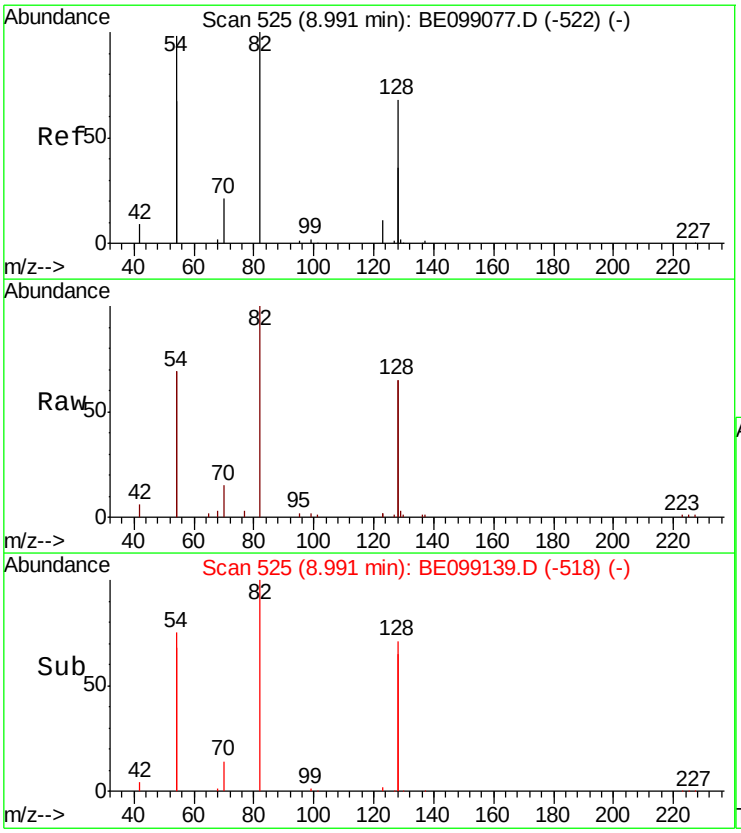
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 25842

Ion	Ratio	Lower	Upper
136	100		
137	11.1	11.4	17.0#
54	26.7	39.3	58.9#
68	7.2	6.7	10.1

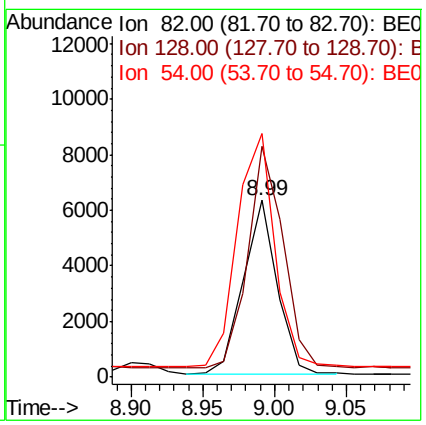


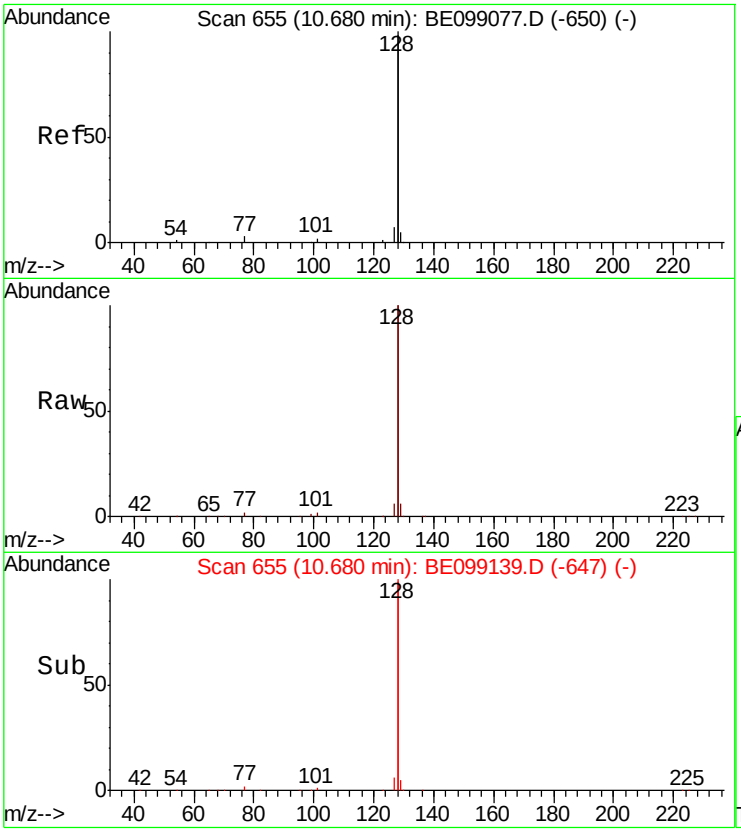


#8
Nitrobenzene-d5
Concen: 0.906 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion: 82 Resp: 10236

Ion	Ratio	Lower	Upper
82	100		
128	130.4	123.8	185.8
54	137.6	203.4	305.2#



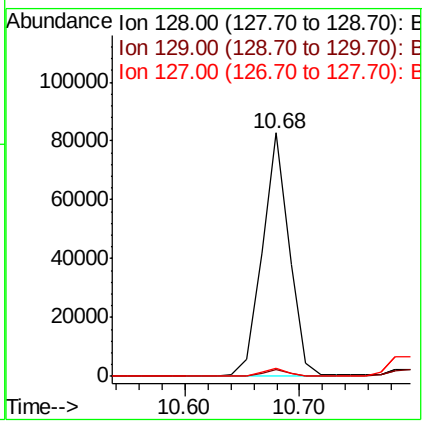


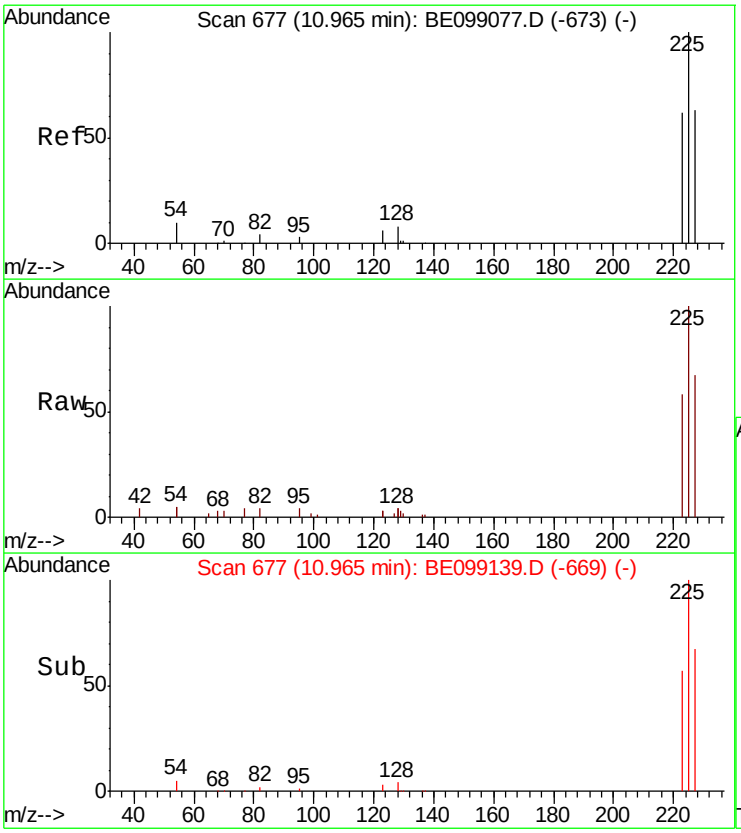
#9
Naphthalene
Concen: 0.439 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 133722

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	4.0
127	3.2	3.1	4.7

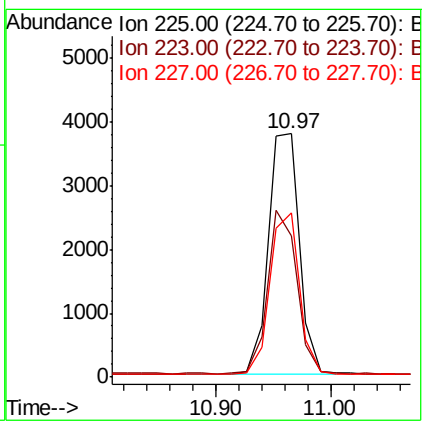


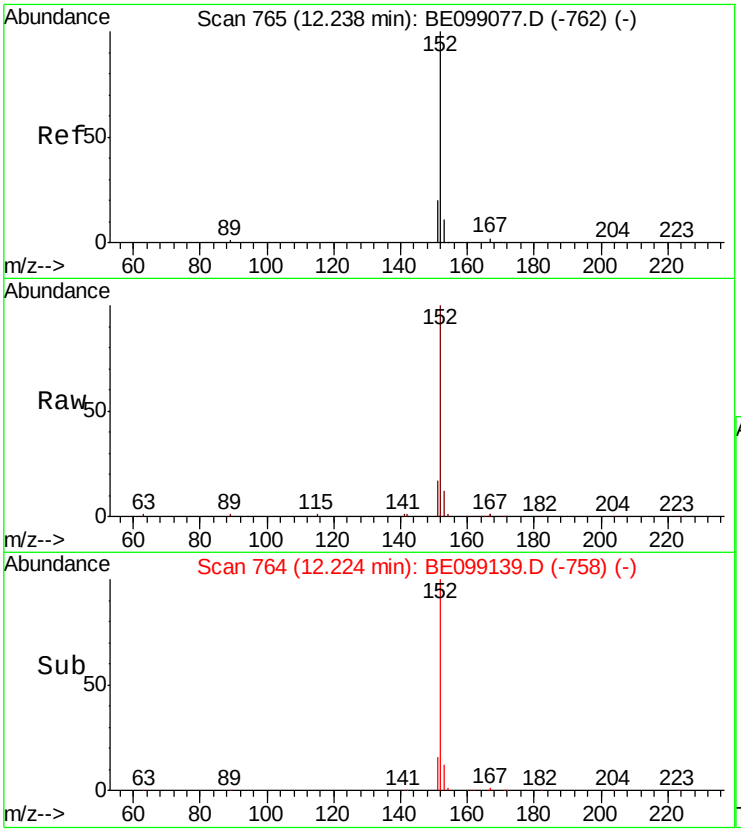


#10
Hexachlorobutadiene
Concen: 0.479 ng
RT: 10.97 min Scan# 677
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:225 Resp: 7138

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	63.5	51.6	77.4



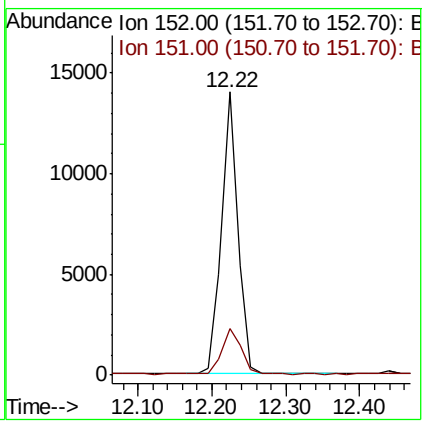


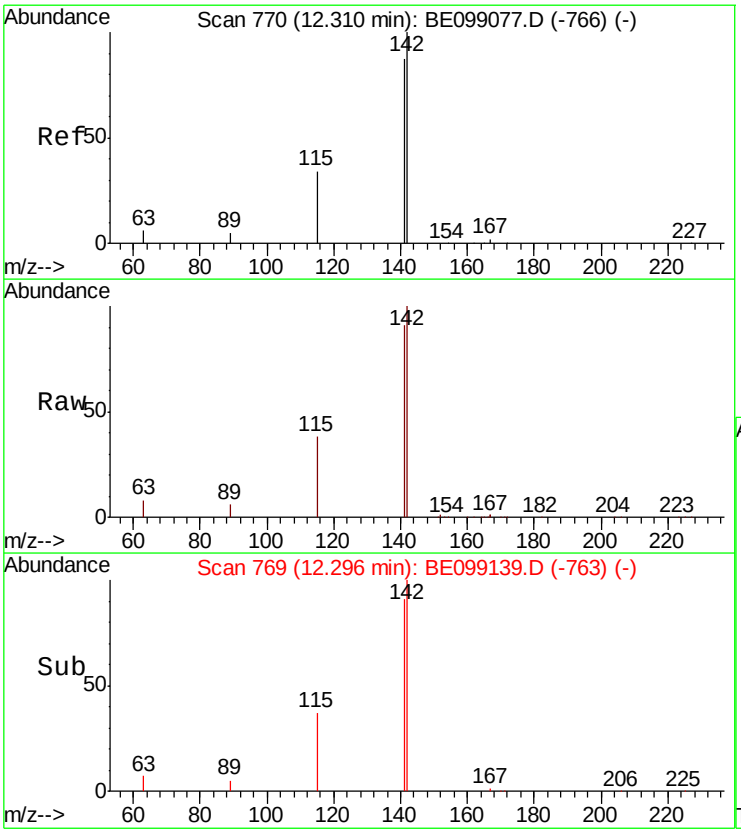
#11
2-Methylnaphthalene-d10
Concen: 0.464 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 21586

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.5	24.7

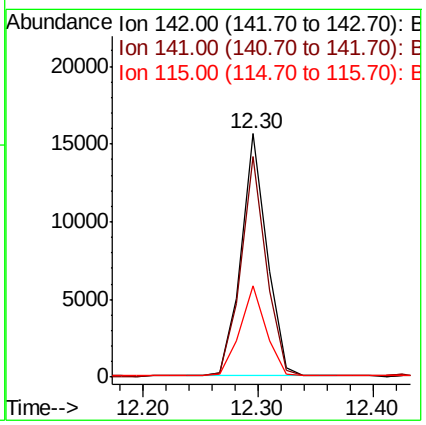


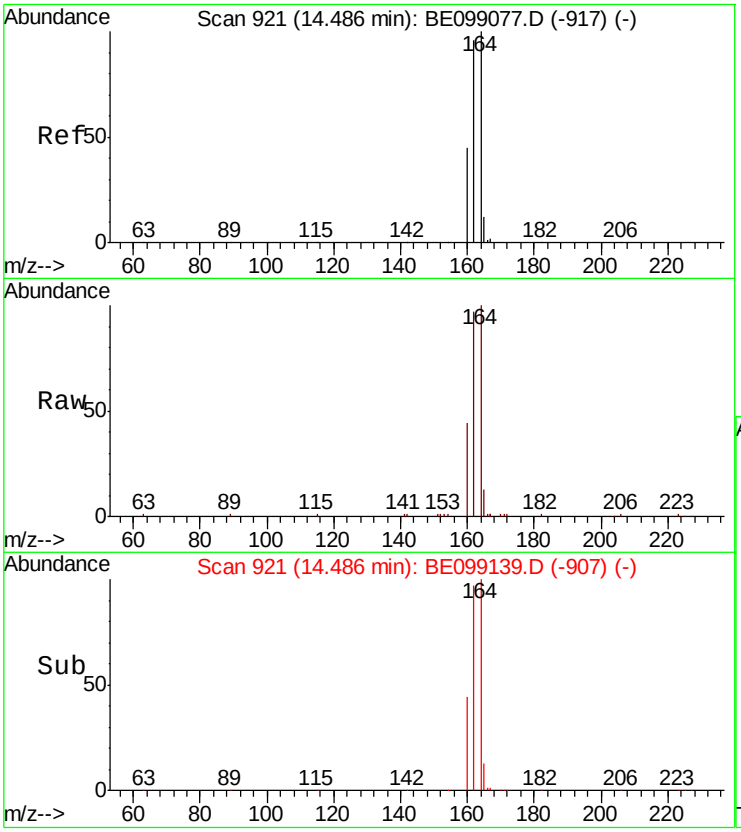


#12
2-Methylnaphthalene
Concen: 0.464 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:142 Resp: 24178

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8
115	37.7	37.4	56.2



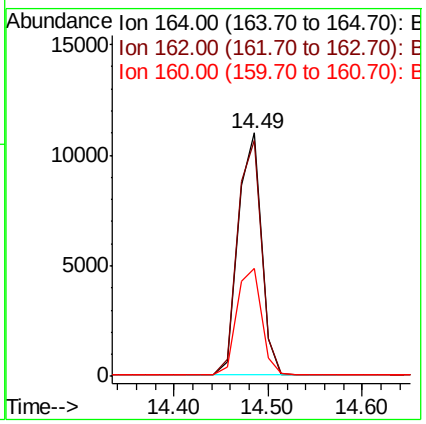


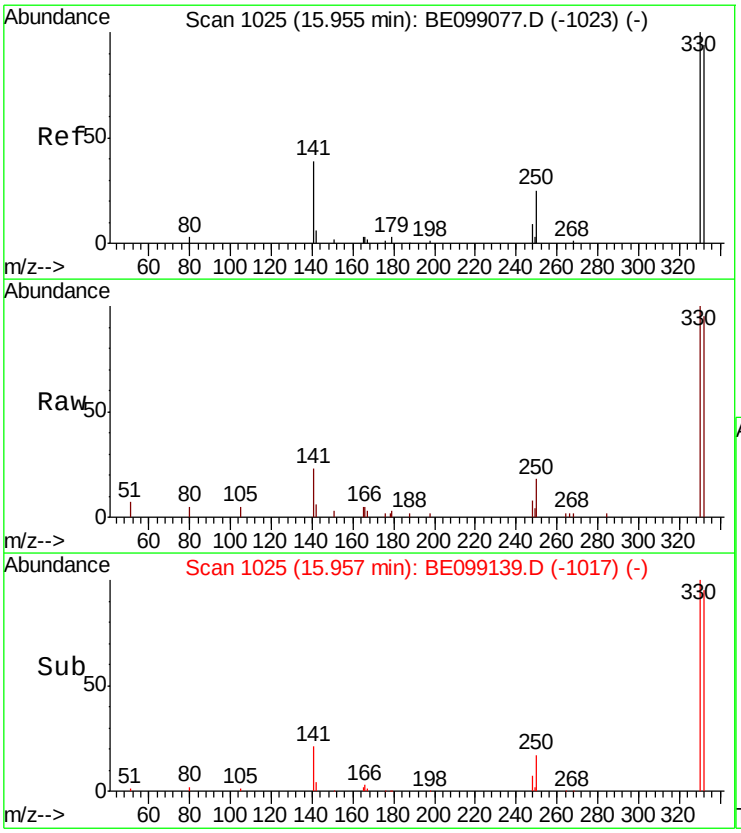
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 18861

Ion	Ratio	Lower	Upper
164	100		
162	96.9	80.2	120.2
160	44.4	37.8	56.8

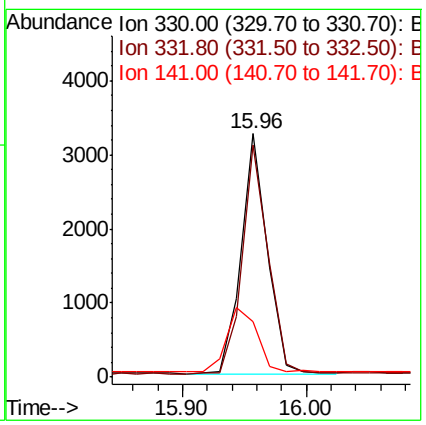


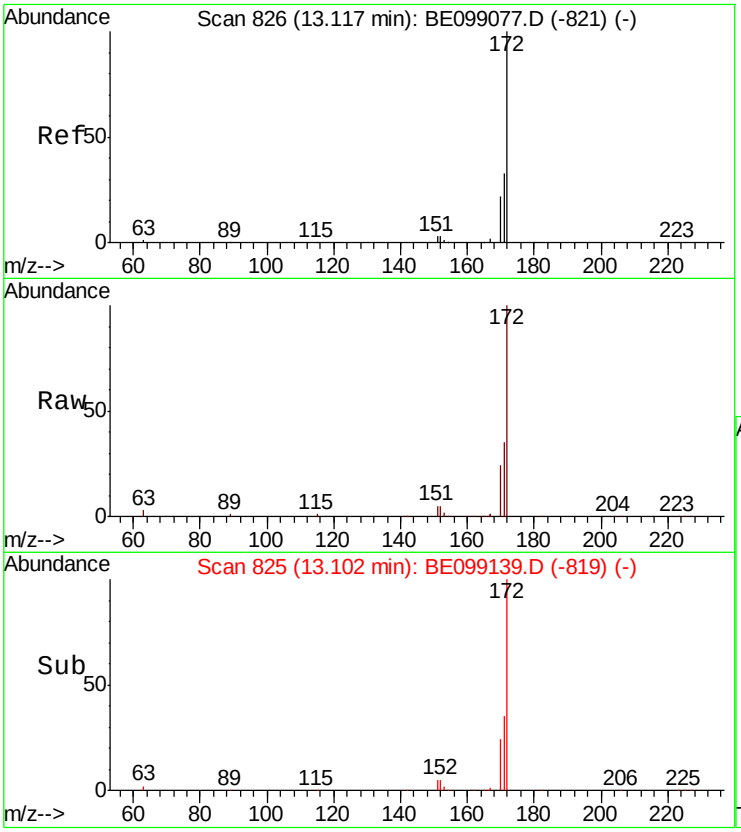


#14
2,4,6-Tribromophenol
Concen: 0.851 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:330 Resp: 4717

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.6	116.4
141	31.4	31.0	46.4



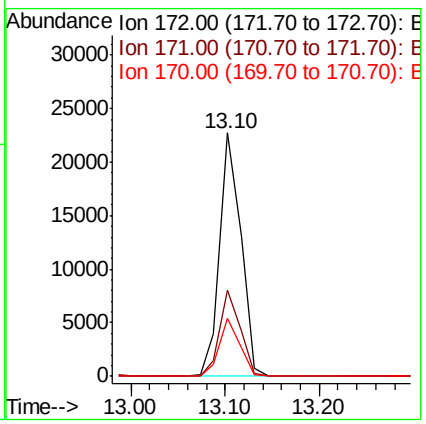


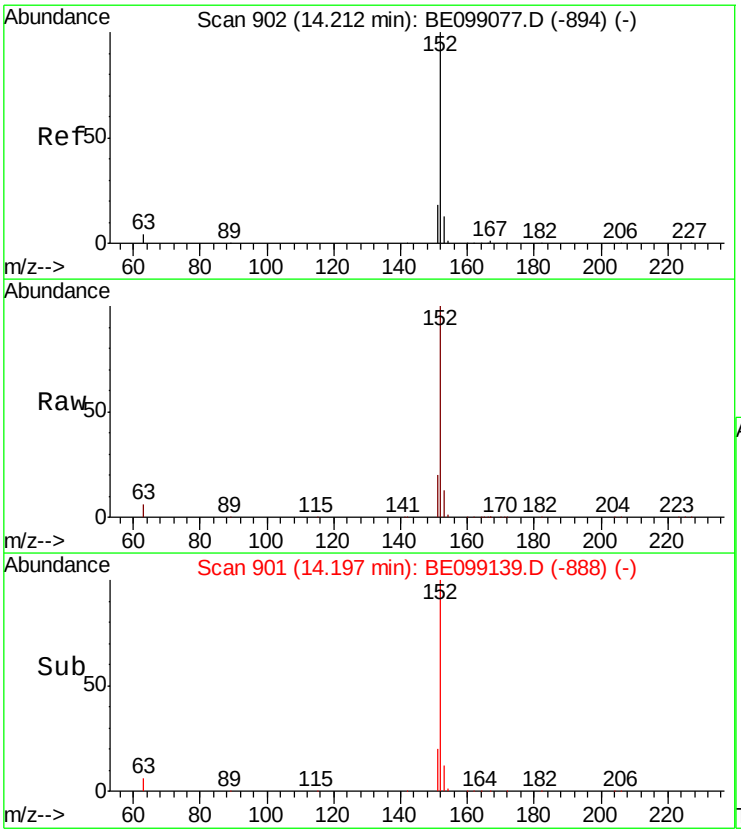
#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 35072

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.0	17.7	26.5

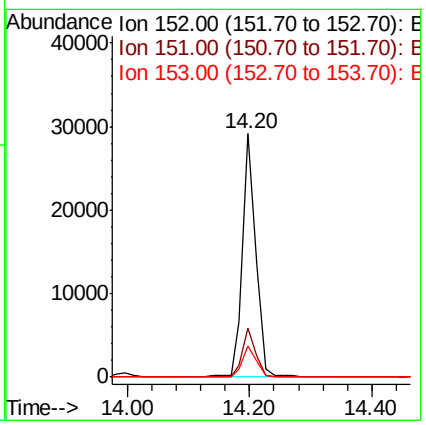


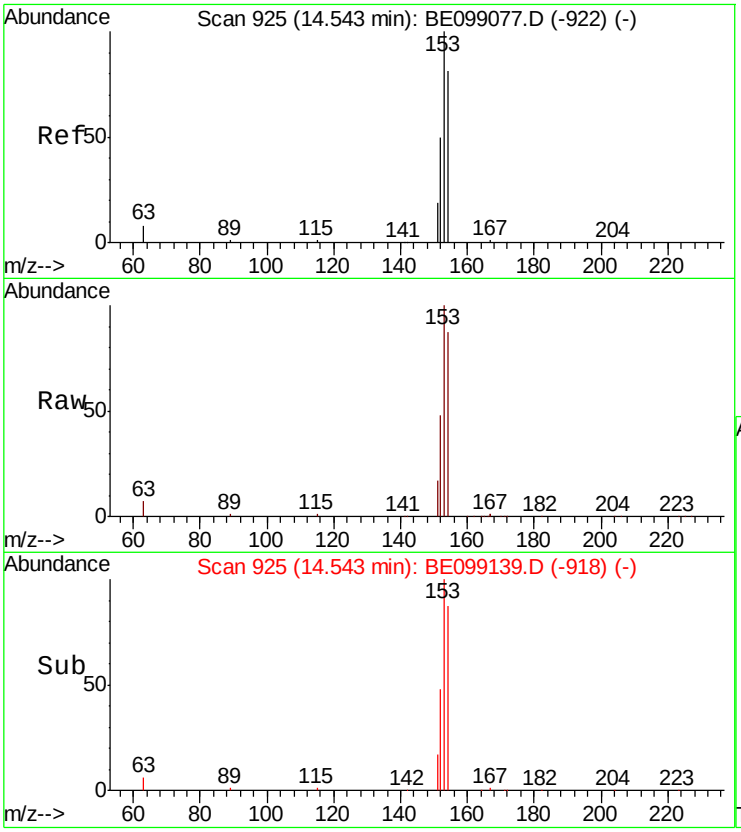


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:152 Resp: 43886

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.6
153	12.8	11.2	16.8



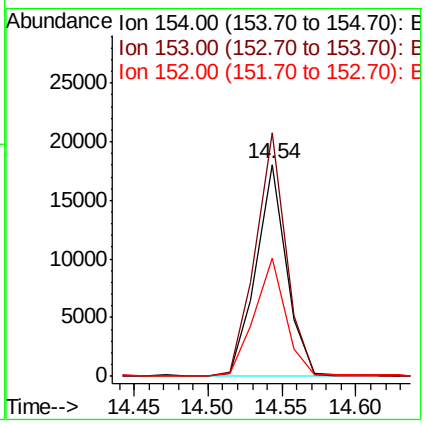


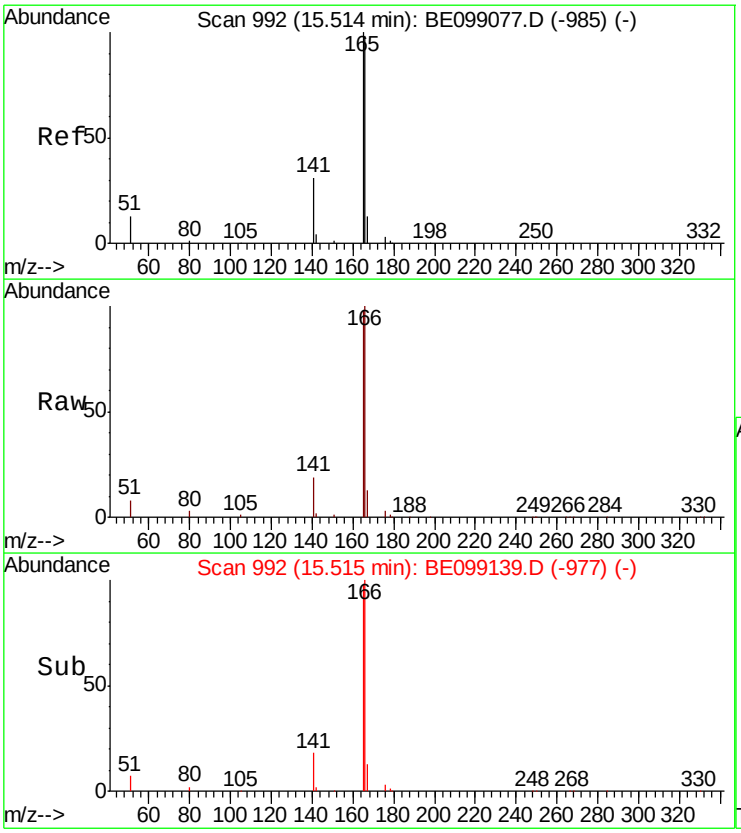
#17
Acenaphthene
Concen: 0.428 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 25526

Ion	Ratio	Lower	Upper
154	100		
153	115.6	94.2	141.4
152	56.9	45.0	67.4

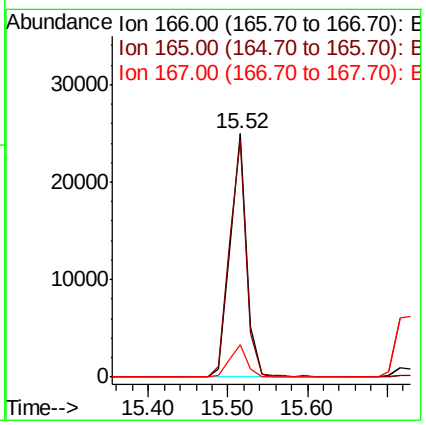


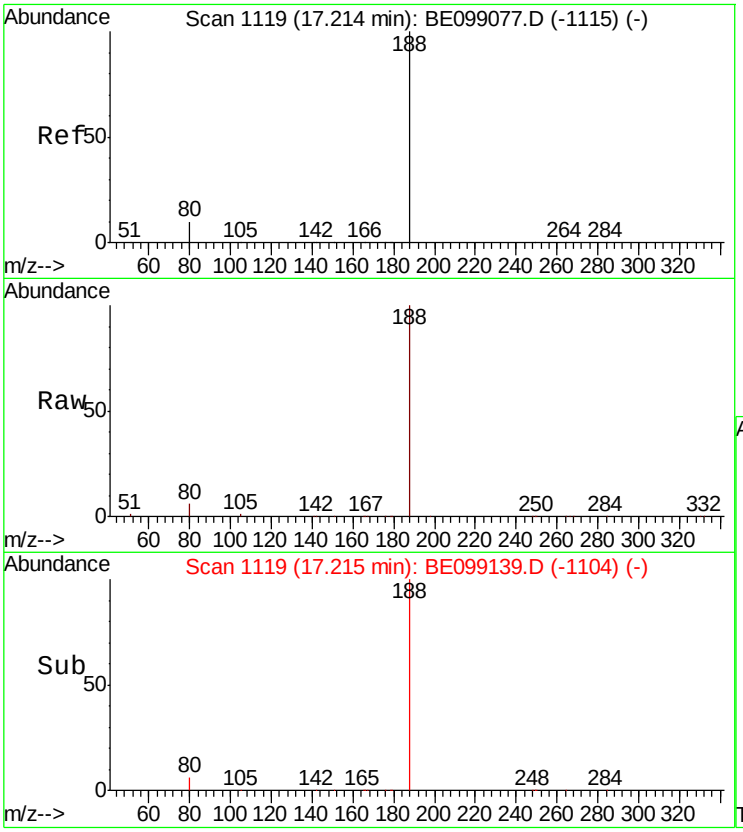


#18
Fluorene
Concen: 0.410 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:166 Resp: 35712

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.3	118.9
167	13.4	10.5	15.7



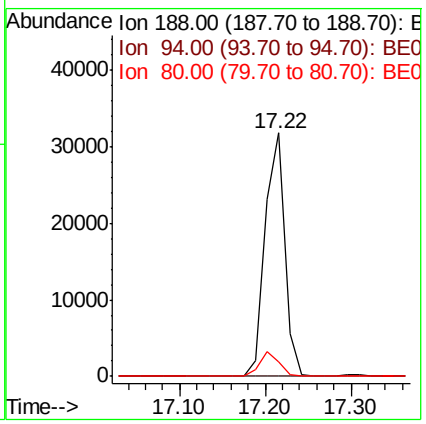


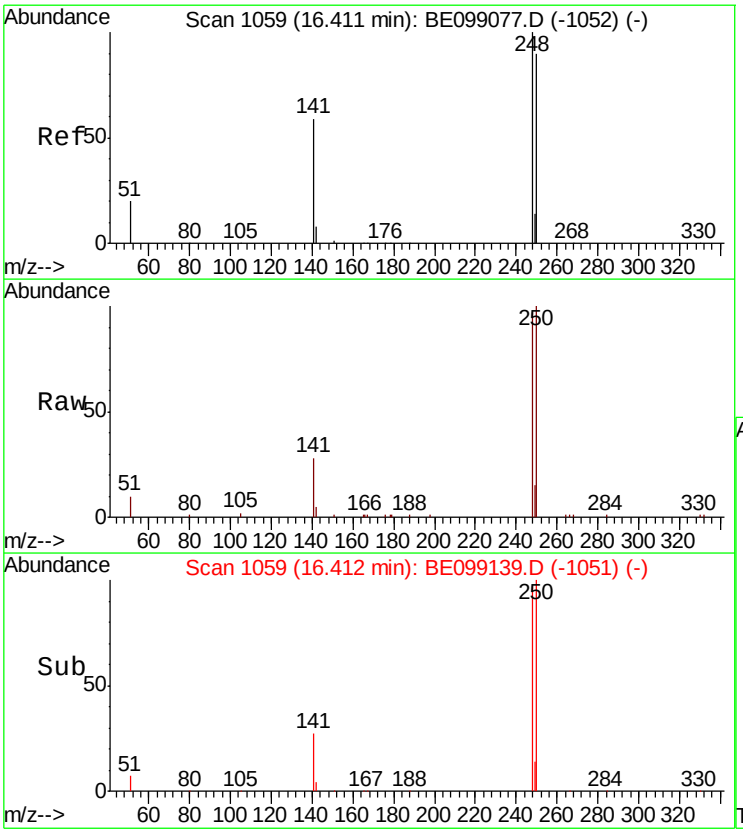
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 50261

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.3	9.5#

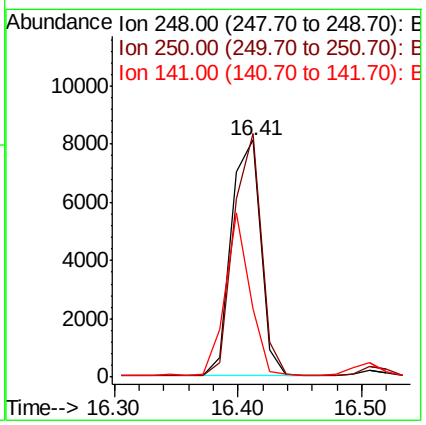


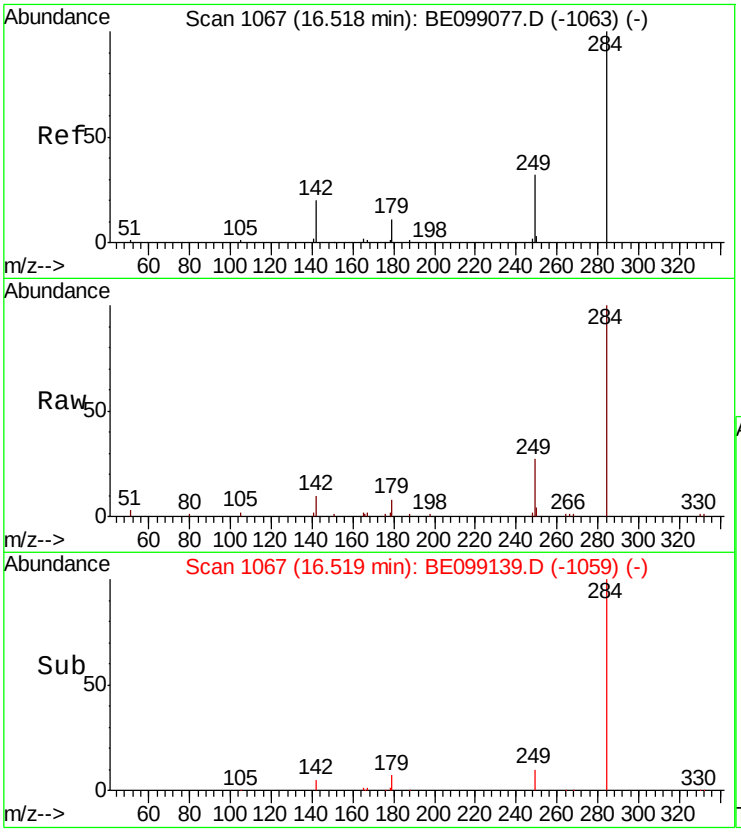


#20
4-Bromophenyl-phenylether
Concen: 0.480 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:248 Resp: 13358

Ion	Ratio	Lower	Upper
248	100		
250	102.8	70.6	105.8
141	28.8	68.6	102.8#



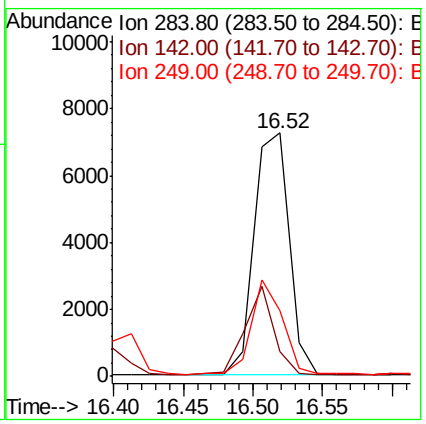


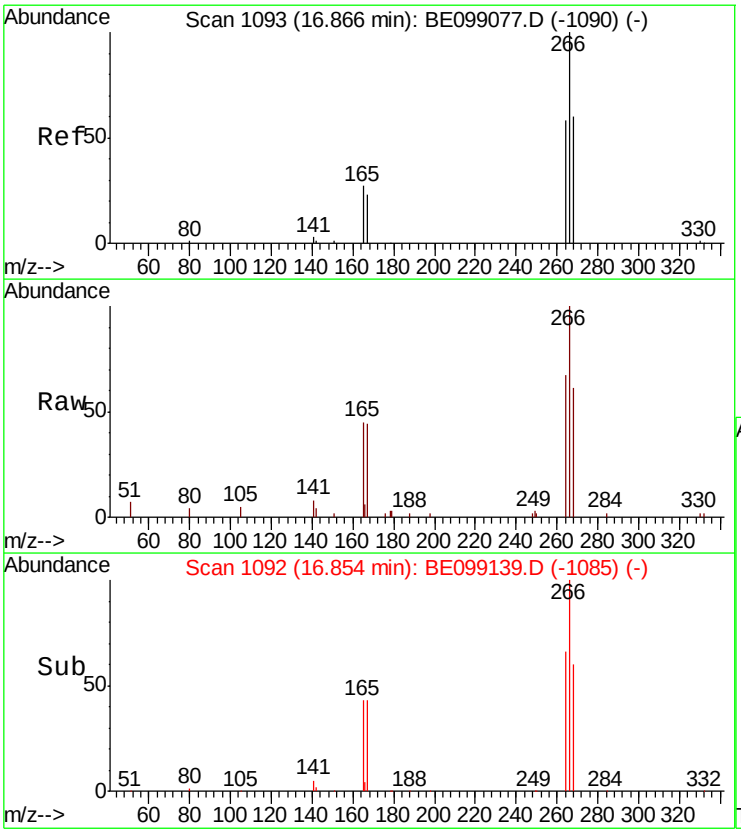
#21
Hexachlorobenzene
Concen: 0.487 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 12586

Ion	Ratio	Lower	Upper
284	100		
142	29.7	28.7	43.1
249	34.0	29.6	44.4

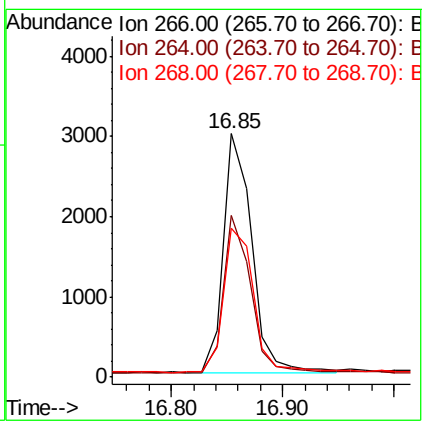


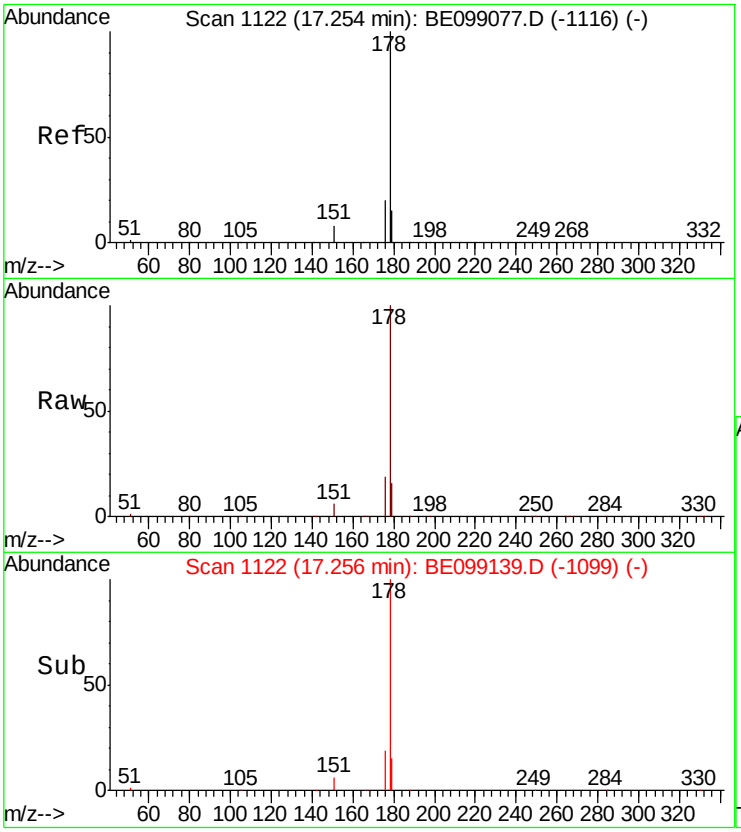


#22
Pentachlorophenol
Concen: 0.749 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:266 Resp: 5271

Ion	Ratio	Lower	Upper
266	100		
264	66.6	66.6	100.0#
268	61.2	69.8	104.8#



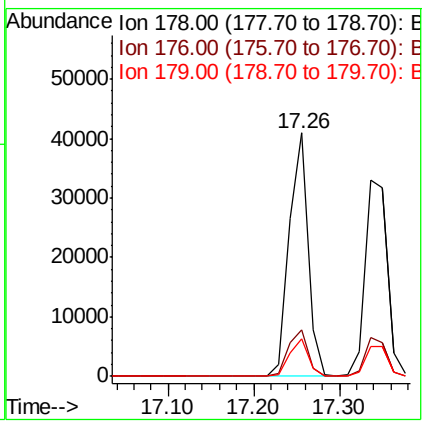


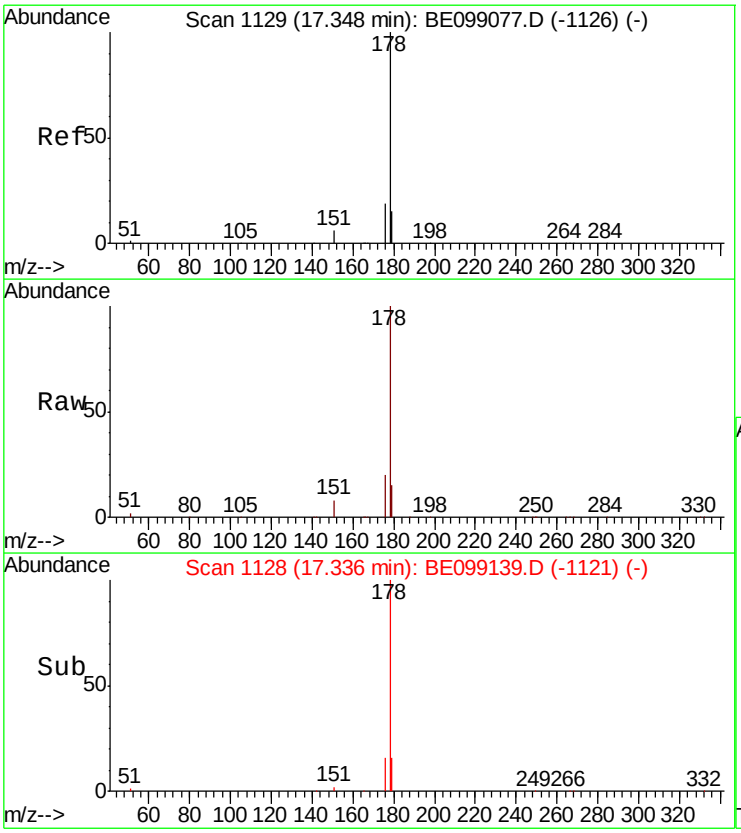
#23
Phenanthrene
Concen: 0.416 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 62115

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.1	12.1	18.1

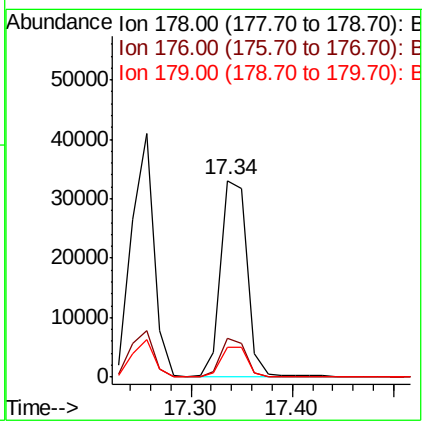


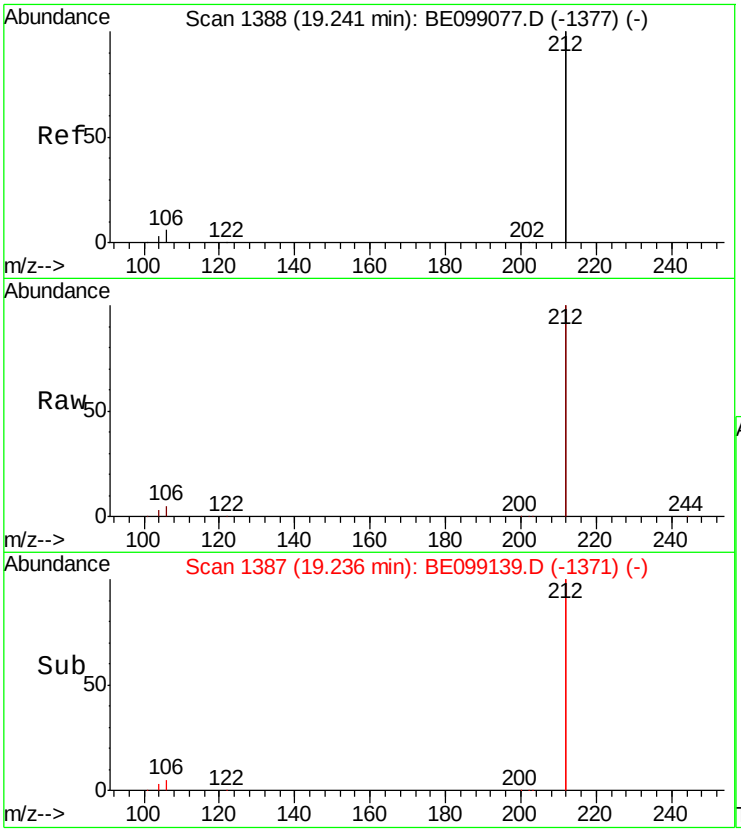


#24
Anthracene
Concen: 0.414 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:178 Resp: 58509

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.2	12.2	18.4



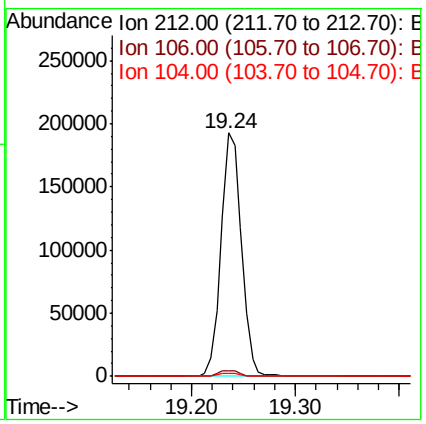


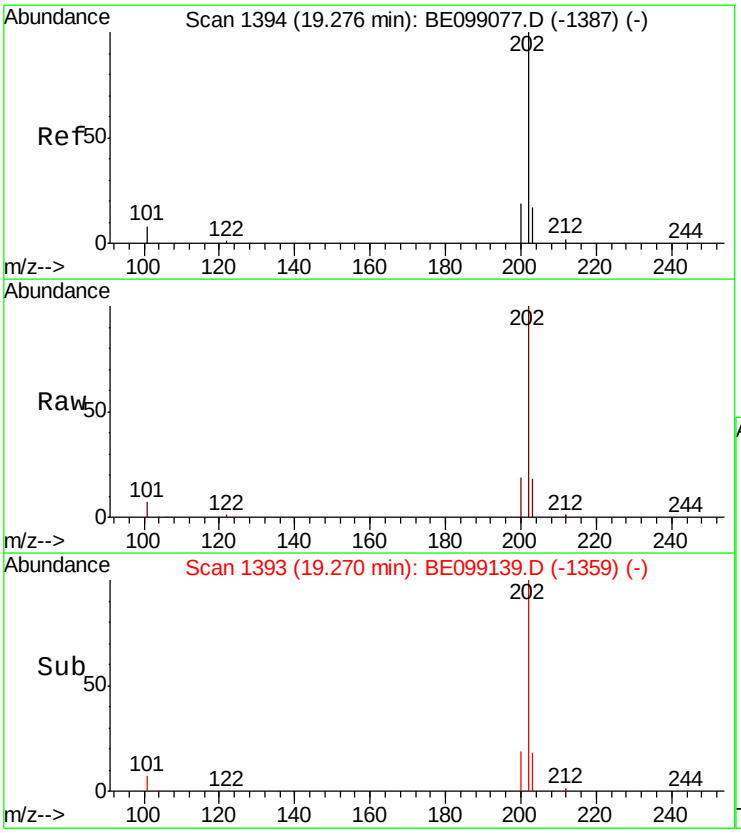
#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 262470

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.8	2.8
104	1.4	1.0	1.6

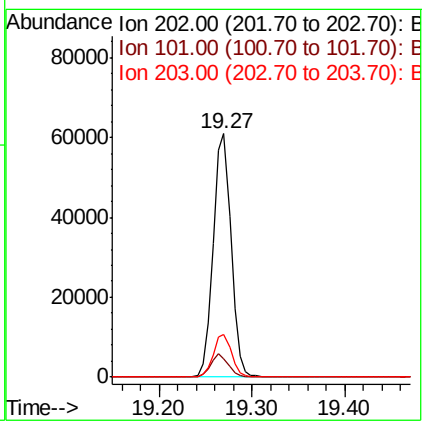


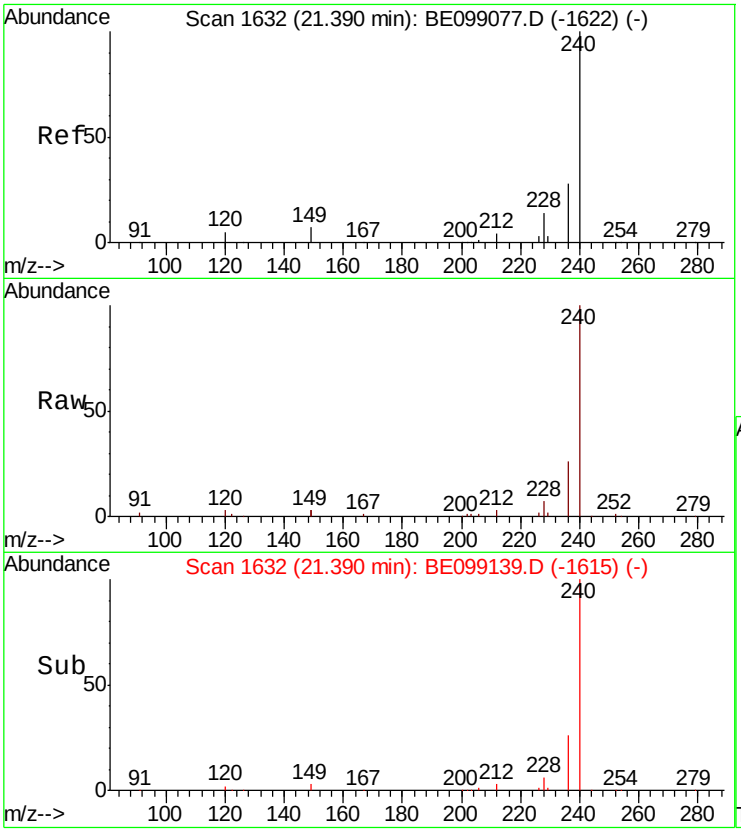


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:202 Resp: 80213

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.5	13.4	20.2



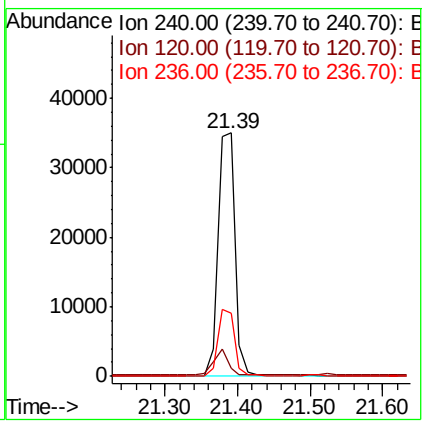


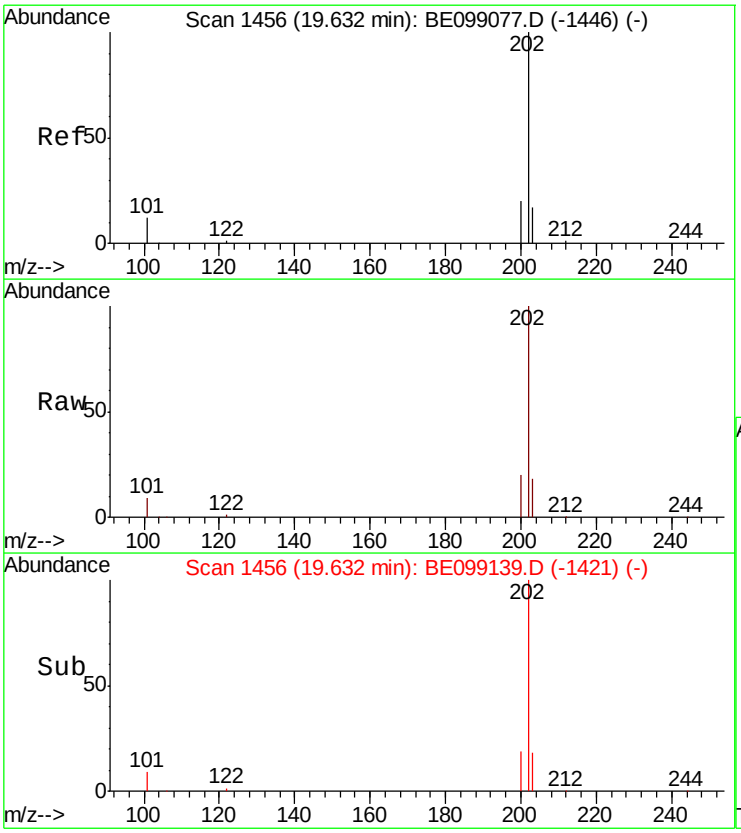
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 57538

Ion	Ratio	Lower	Upper
240	100		
120	3.1	5.0	7.4#
236	26.1	22.7	34.1

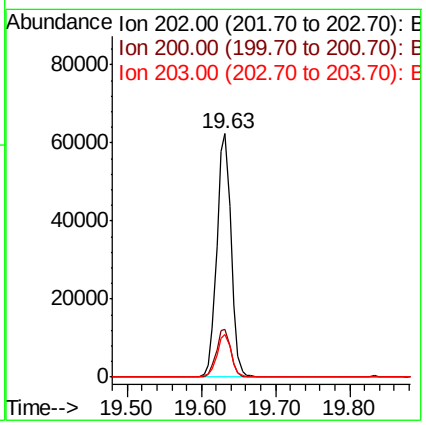


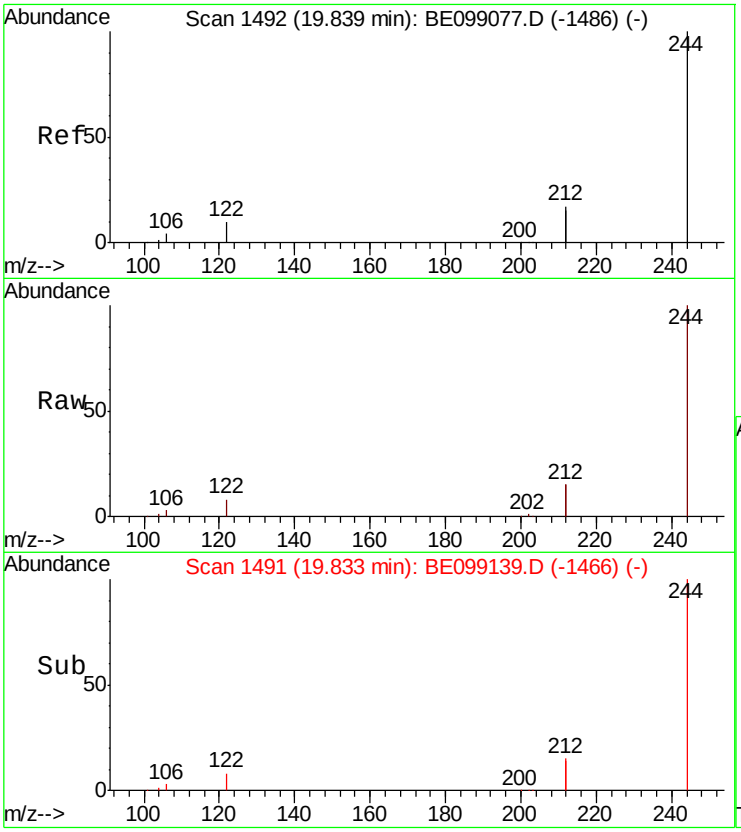


#28
Pyrene
Concen: 0.425 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:202 Resp: 82966

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.6
203	17.3	14.2	21.2



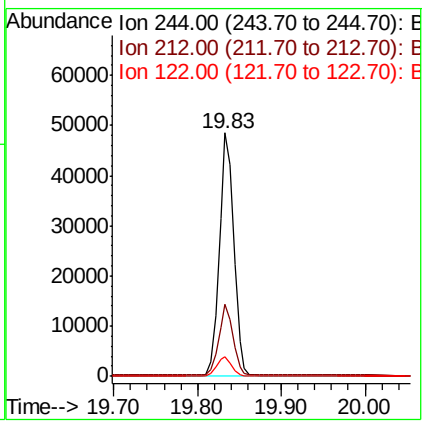


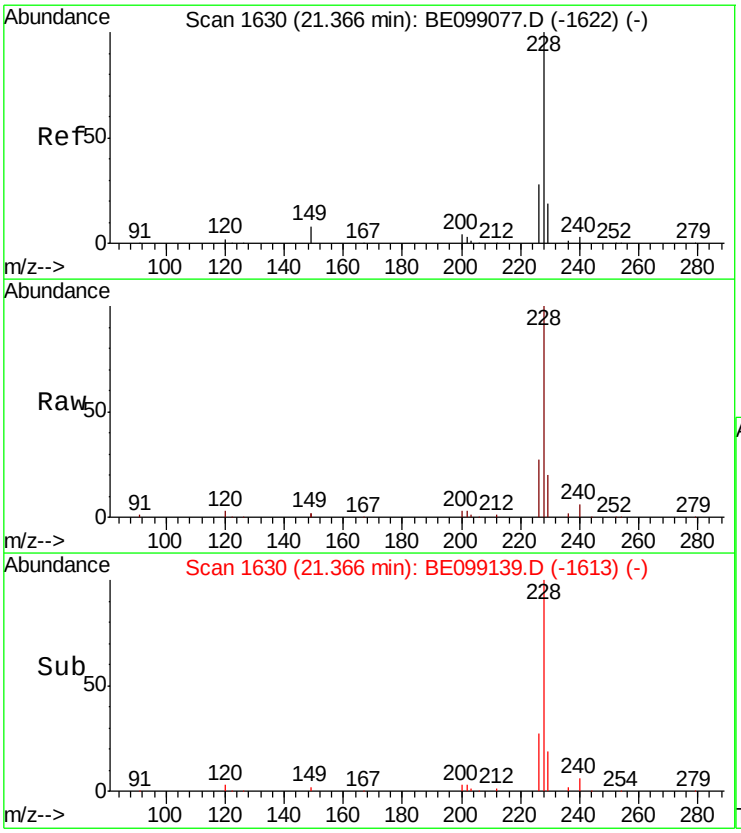
#29
Terphenyl-d14
Concen: 0.479 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 58347

Ion	Ratio	Lower	Upper
244	100		
212	29.8	29.4	44.2
122	8.2	7.1	10.7

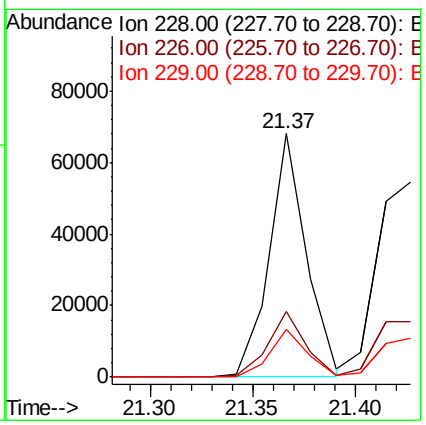


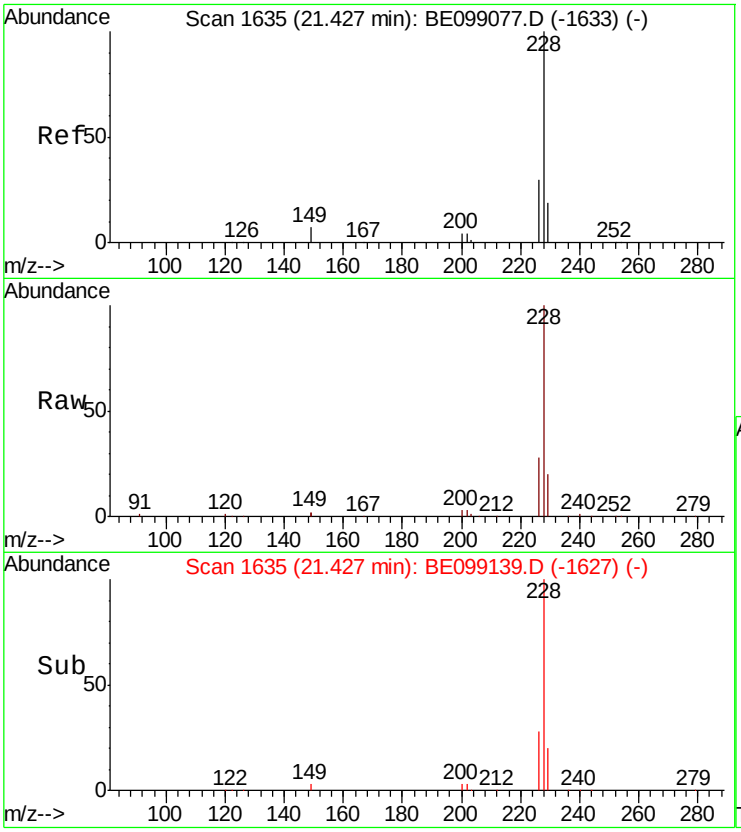


#30
Benzo(a)anthracene
Concen: 0.422 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:228 Resp: 85654

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.4
229	19.6	16.5	24.7



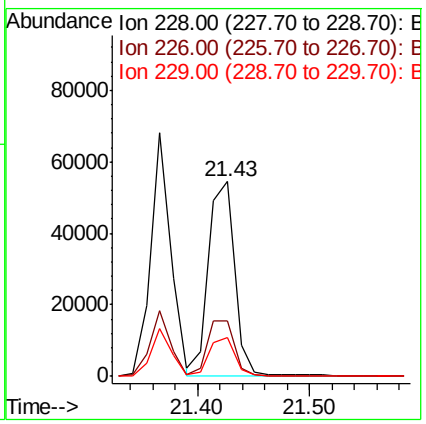


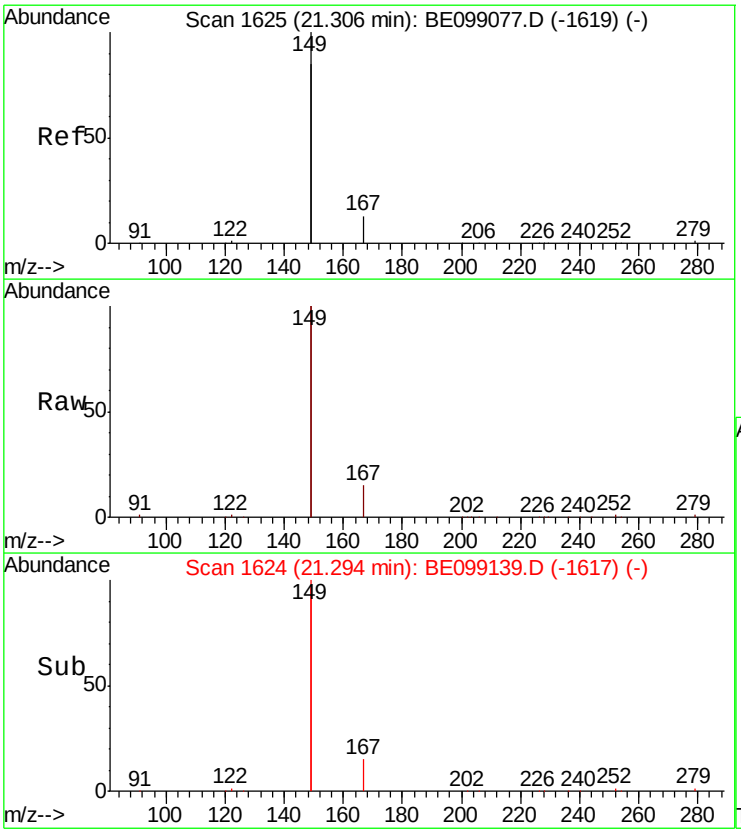
#31
Chrysene
Concen: 0.428 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 86647

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.7	35.5
229	20.2	16.1	24.1

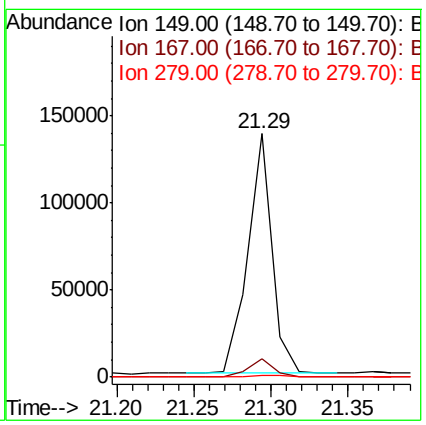


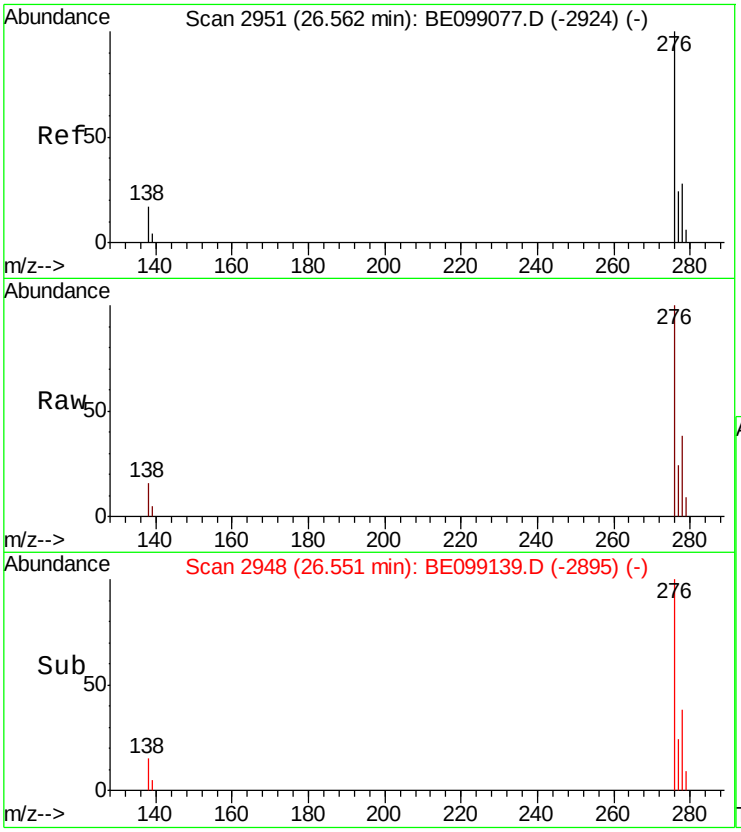


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.571 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:149 Resp: 150117

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	1.0	1.0	1.4



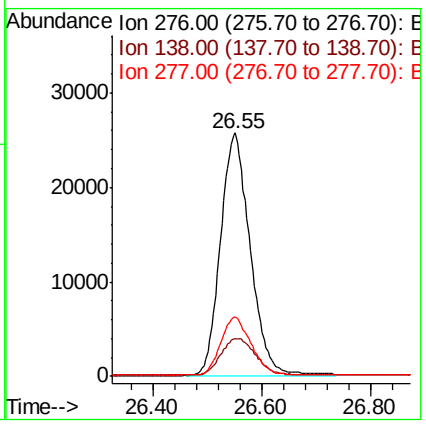


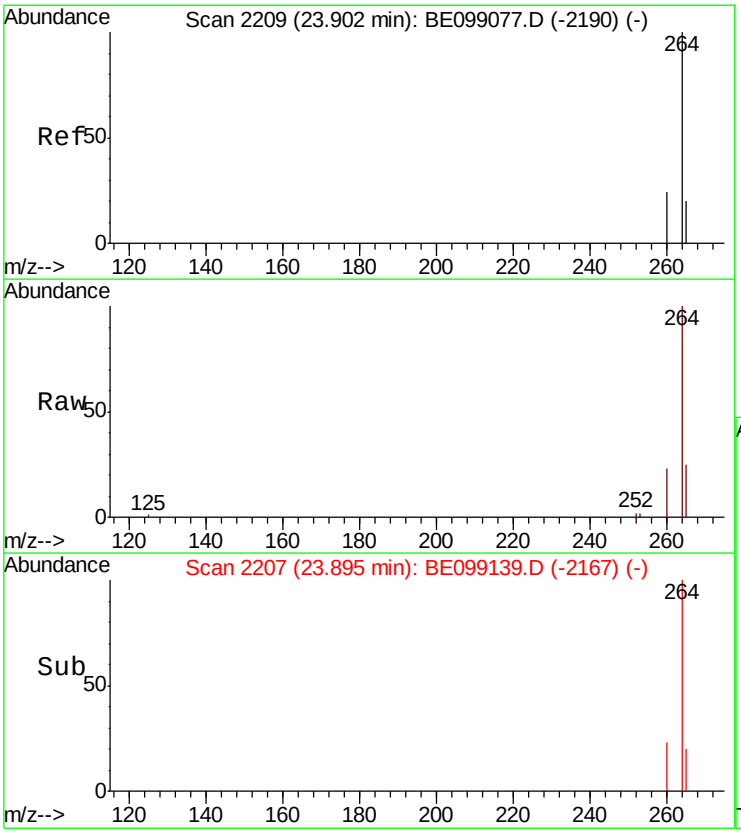
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 97430

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.8
277	24.5	19.5	29.3

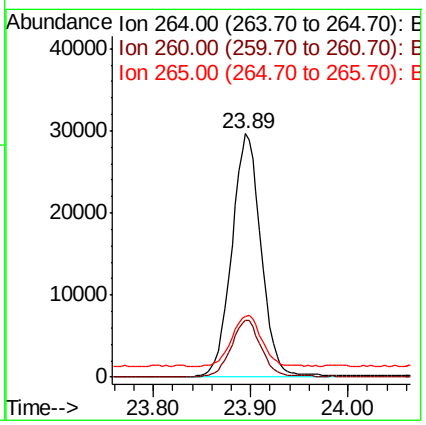


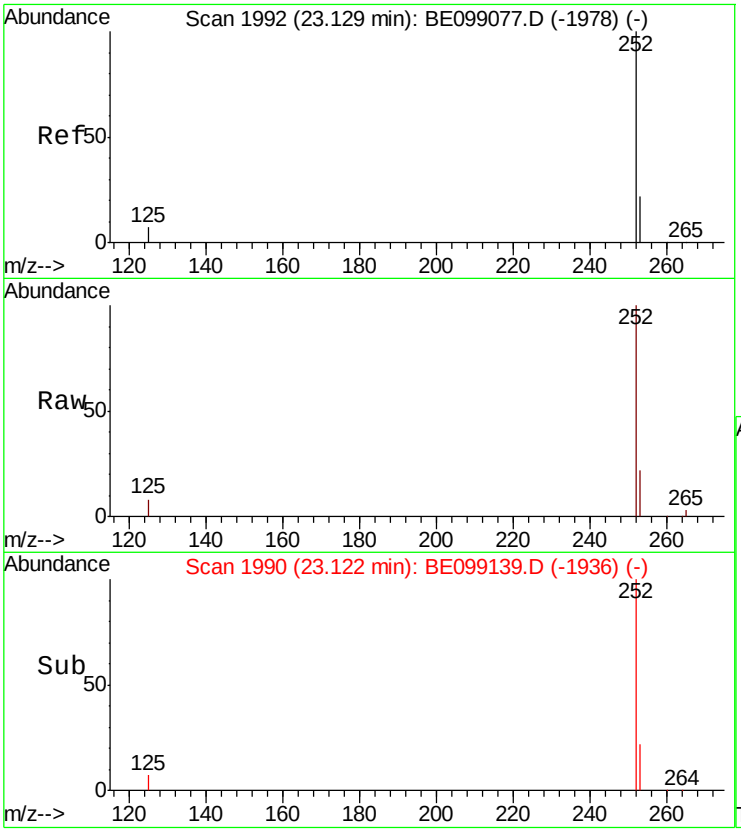


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:264 Resp: 61486

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.2	31.8
265	24.9	24.6	36.8



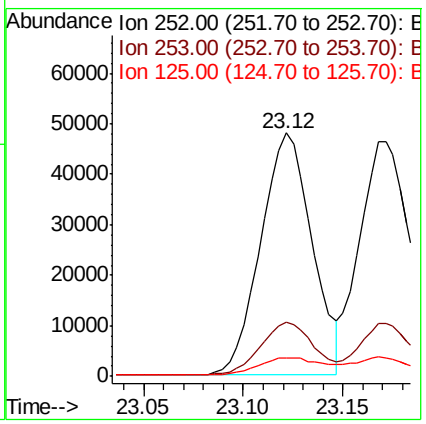


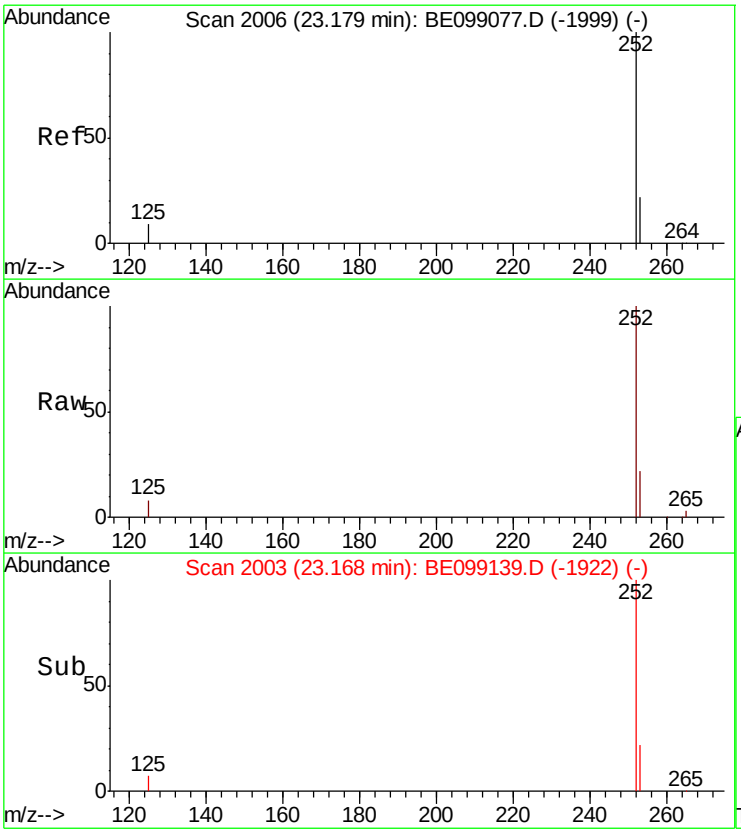
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 85798

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.7	7.3	10.9

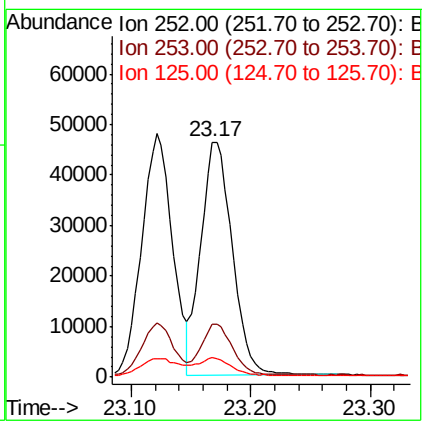


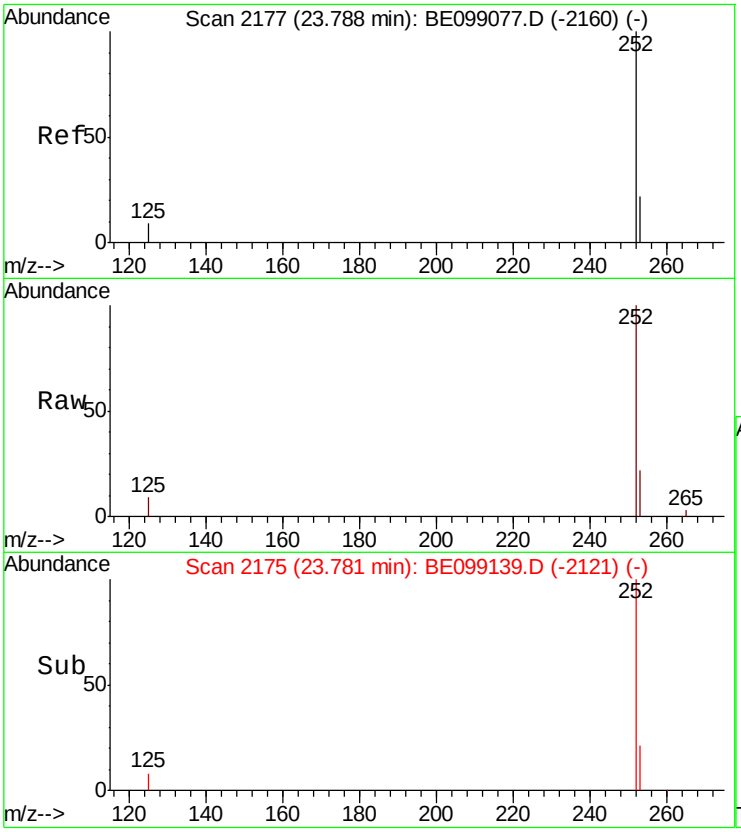


#36
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:252 Resp: 84430

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.3	28.9
125	8.1	7.5	11.3



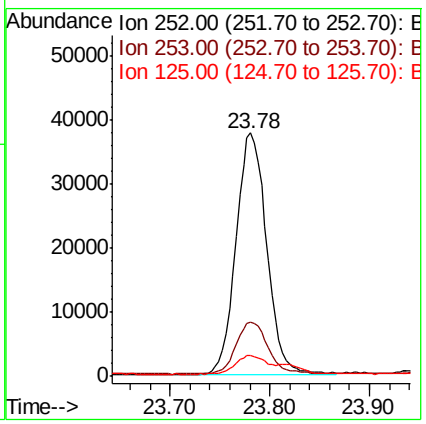


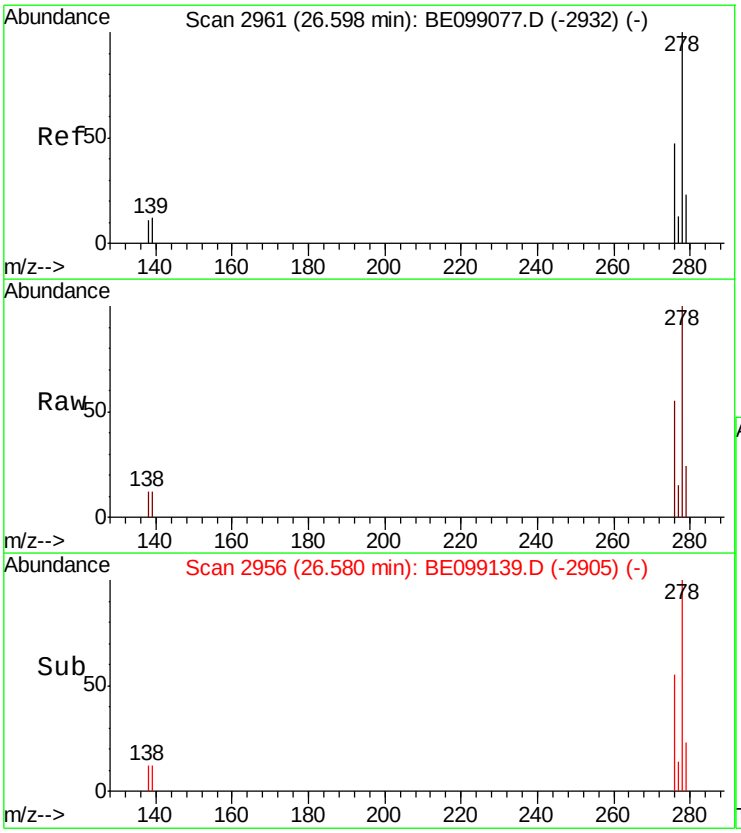
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 80404

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.9	29.9
125	8.5	9.0	13.4#

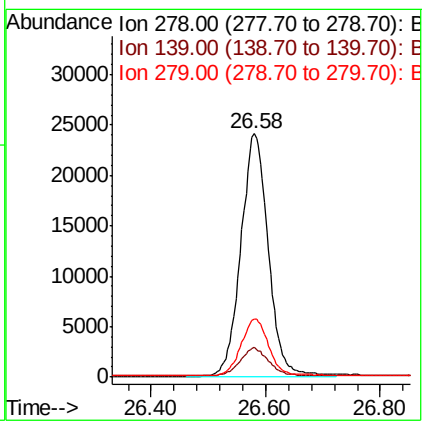


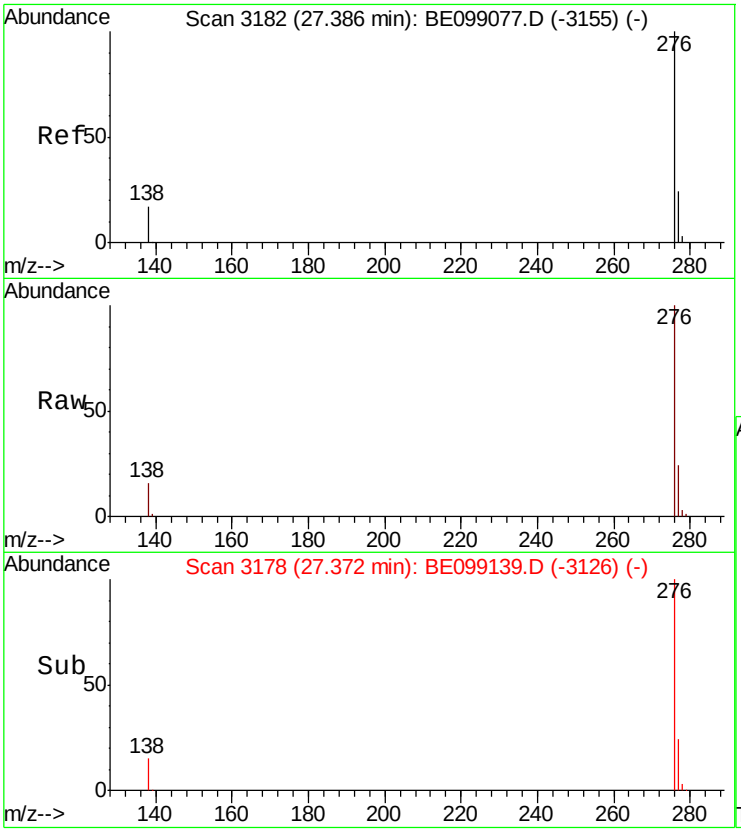


#38
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 26.58 min Scan# 2956
Delta R.T. -0.02 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Tgt Ion:278 Resp: 80006

Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.8	17.6
279	23.8	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099139.D
Acq: 24 Mar 2019 8:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 80099

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.4	30.6
138	16.0	13.6	20.4