Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099065.D
Acq On : 20 Mar 2019 10:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 20 10:44:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	986	0.40	ng		0.00
7) Naphthalene-d8	10.58	136	4266	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	2848	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	6646	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	7542	0.40	ng		-0.01
34) Perylene-d12	23.88	264	7232	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1187	0.40	ng		0.00
5) Phenol-d6	6.99	99	1676	0.40	ng		0.00
8) Nitrobenzene-d5	8.95	82	1687	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.18	152	3138	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	508	0.35	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	4473	0.38	ng		-0.01
25) Fluoranthene-d10	19.24	212	37633	0.35	ng		-0.01
29) Terphenyl-d14	19.83	244	7418	0.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	647	0.322	ng		99
3) n-Nitrosodimethylamine	3.63	42	654	0.264	ng	#	14
6) bis(2-Chloroethyl)ether	7.22	93	1108	0.345	ng	#	99
9) Naphthalene	10.63	128	19583	0.401	ng		100
10) Hexachlorobutadiene	10.90	225	1218	0.377	ng		97
12) 2-Methylnaphthalene	12.25	142	3176	0.401	ng		97
16) Acenaphthylene	14.17	152	5645	0.385	ng		98
17) Acenaphthene	14.51	154	3299	0.380	ng		100
18) Fluorene	15.49	166	4690	0.374	ng		98
20) 4-Bromophenyl-phenylether	16.40	248	1508	0.419	ng	#	76
21) Hexachlorobenzene	16.51	284	1664	0.389	ng		99
22) Pentachlorophenol	16.88	266	473	0.589	ng		88
23) Phenanthrene	17.24	178	7275	0.385	ng		99
24) Anthracene	17.34	178	6219	0.385	ng		100
26) Fluoranthene	19.26	202	9290	0.348	ng		99
28) Pyrene	19.63	202	9681	0.420	ng		100
30) Benzo(a)anthracene	21.37	228	9320	0.396	ng		99
31) Chrysene	21.43	228	9706	0.385	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	23128	0.462	ng		99
33) Indeno(1,2,3-cd)pyrene	26.52	276	9559	0.360	ng		97
35) Benzo(b)fluoranthene	23.17	252	9407	0.396	ng		95
36) Benzo(k)fluoranthene	23.17	252	9407	0.378	ng		98
37) Benzo(a)pyrene	23.77	252	8970	0.393	ng	#	86
38) Dibenzo(a,h)anthracene	26.55	278	6647	0.308	ng	#	95
39) Benzo(g,h,i)perylene	27.33	276	7298	0.324	ng		97

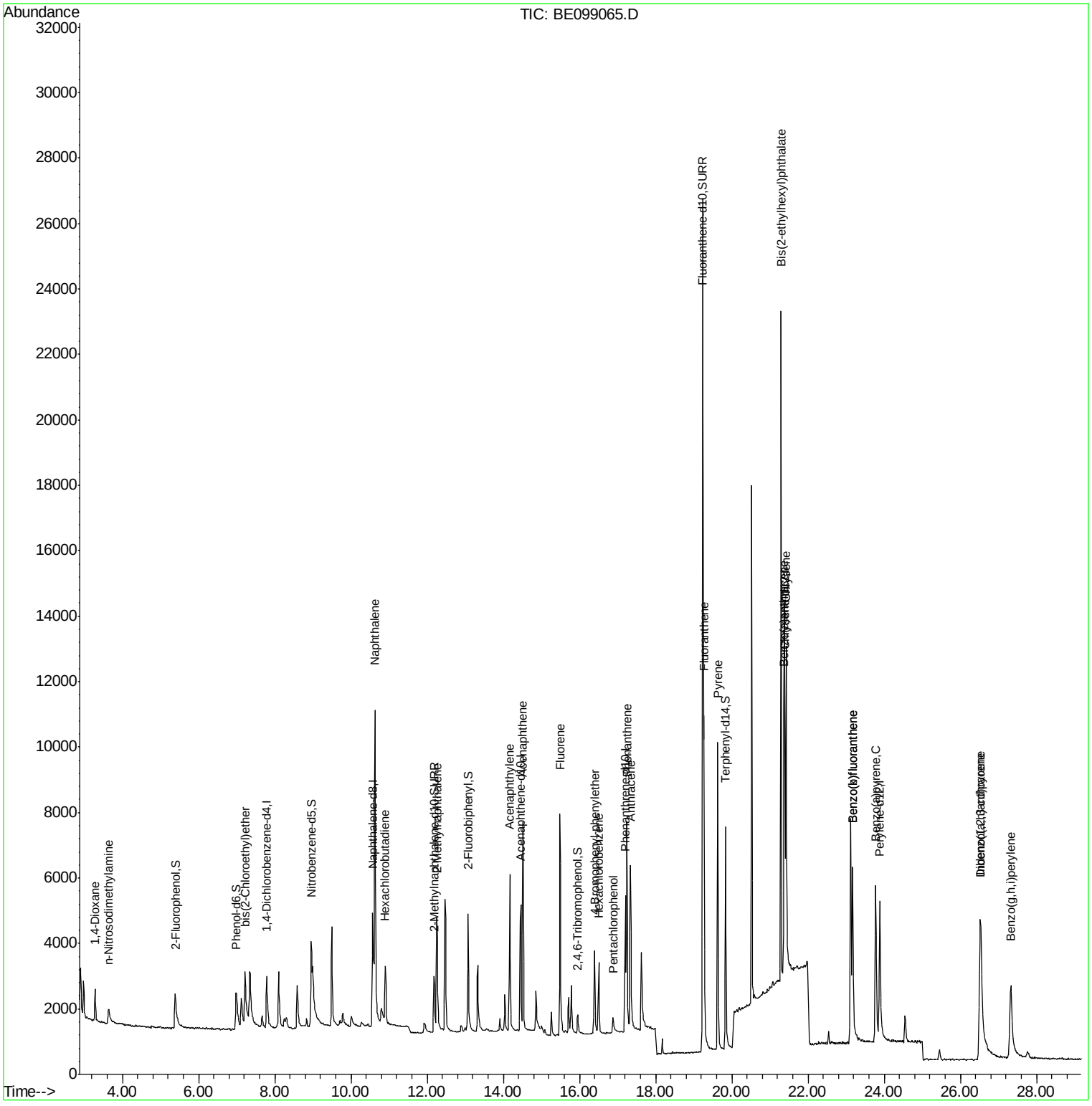
(#) = qualifier out of range (m) = manual integration (+) = signals summed

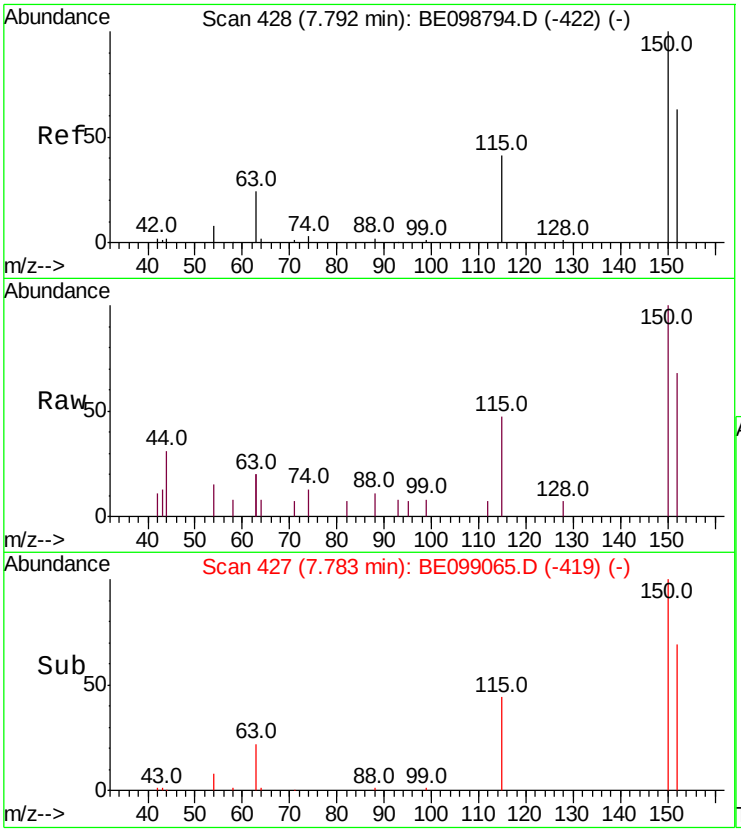
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099065.D
Acq On : 20 Mar 2019 10:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 20 10:44:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



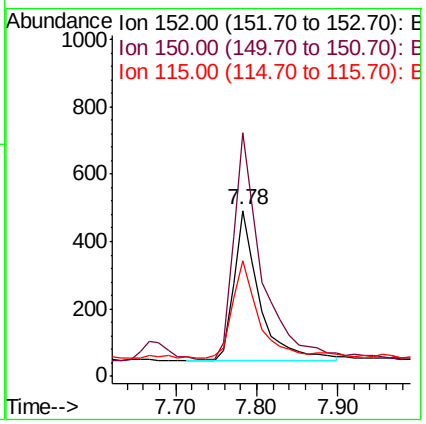


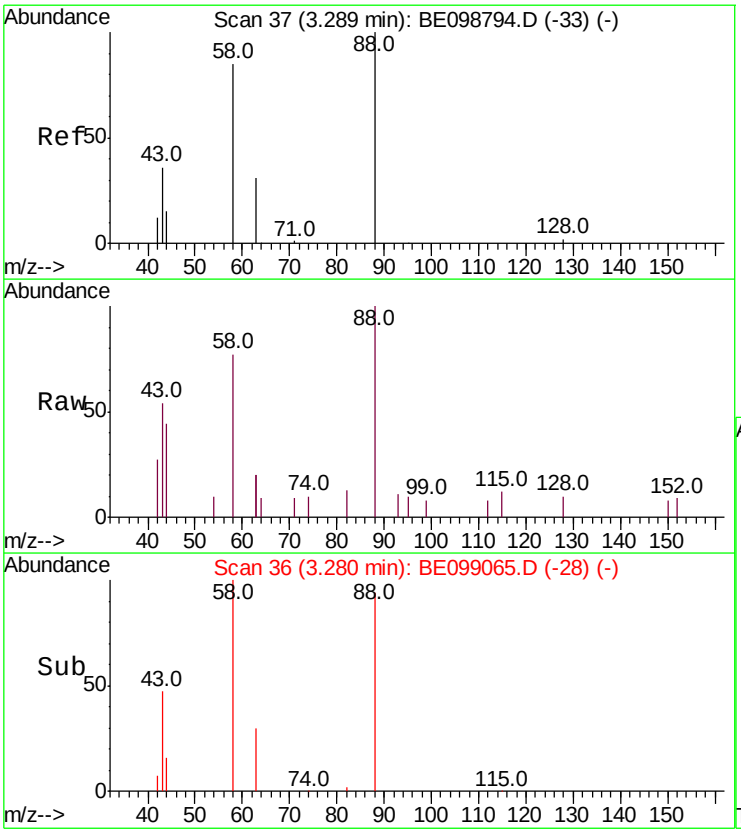
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 986

Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.5	183.7
115	69.7	57.4	86.2

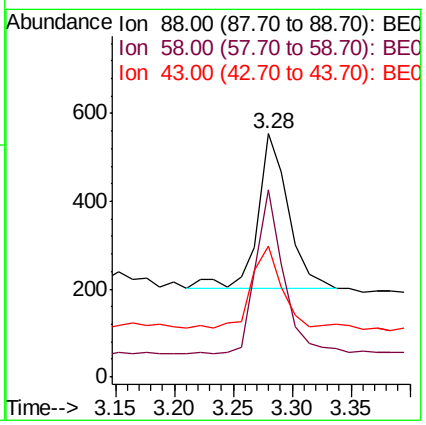


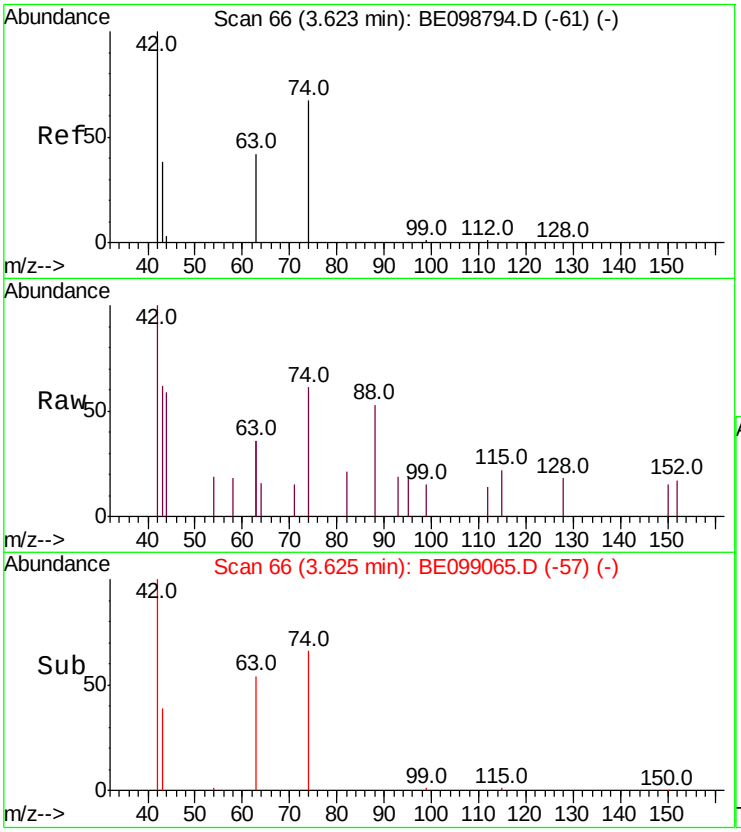


#2
1,4-Dioxane
Concen: 0.322 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion: 88 Resp: 647

Ion	Ratio	Lower	Upper
88	100		
58	95.1	75.8	113.6
43	52.9	41.8	62.8



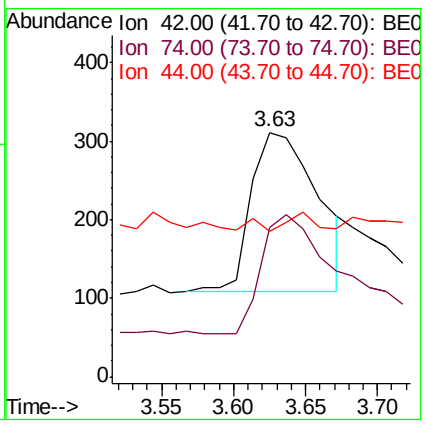


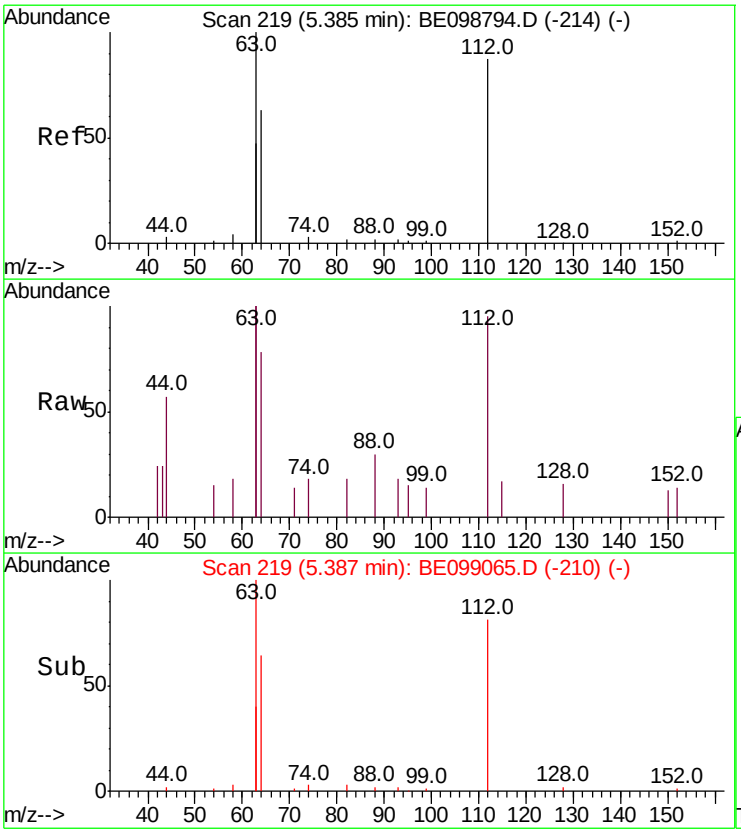
#3
n-Nitrosodimethylamine
Concen: 0.264 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 654

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	1.8	0.0	0.0#

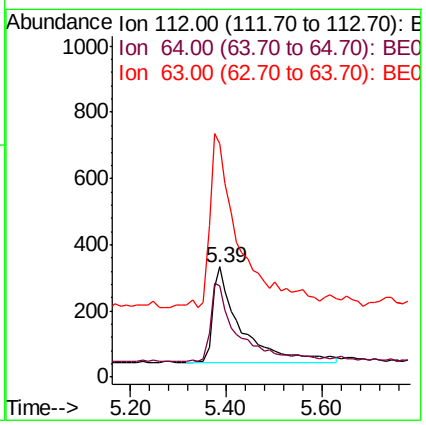


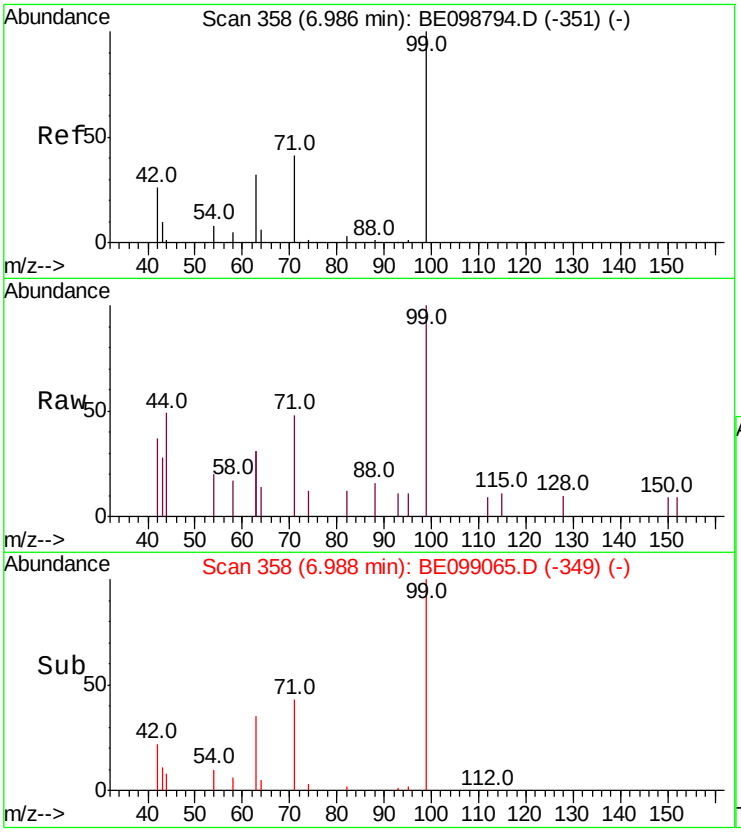


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:112 Resp: 1187

Ion	Ratio	Lower	Upper
112	100		
64	77.4	57.9	86.9
63	181.4	158.3	237.5



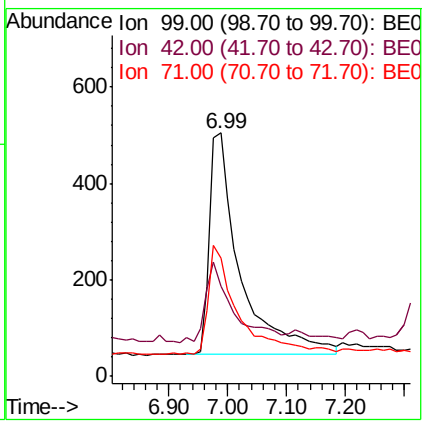


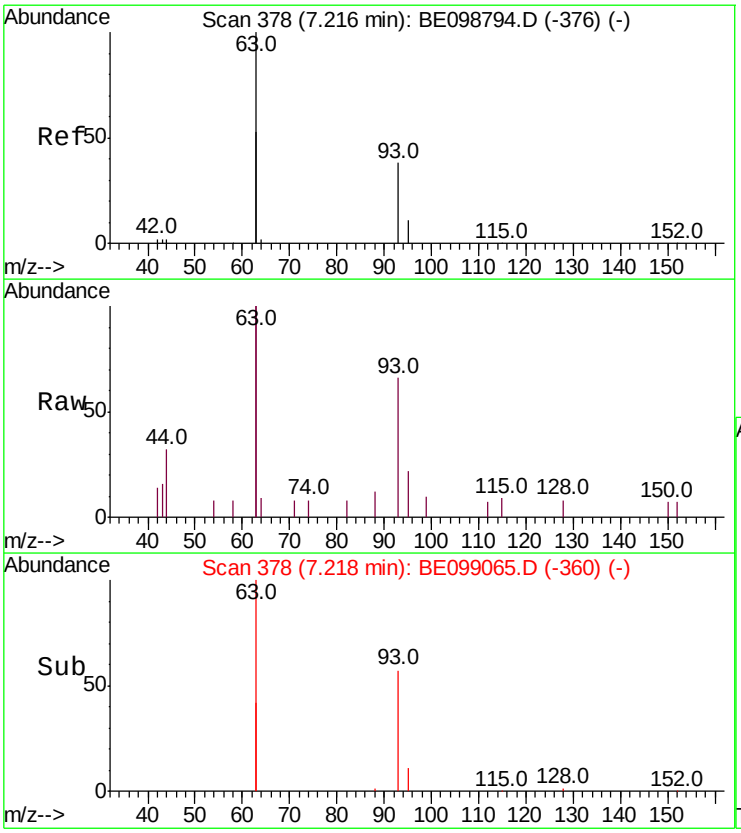
#5
Phenol-d6
Concen: 0.402 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1676

Ion	Ratio	Lower	Upper
99	100		
42	32.2	24.2	36.2
71	48.6	35.7	53.5

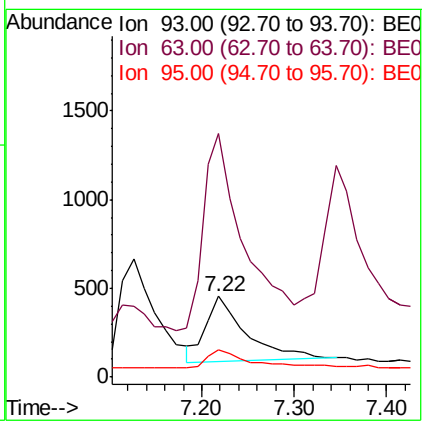


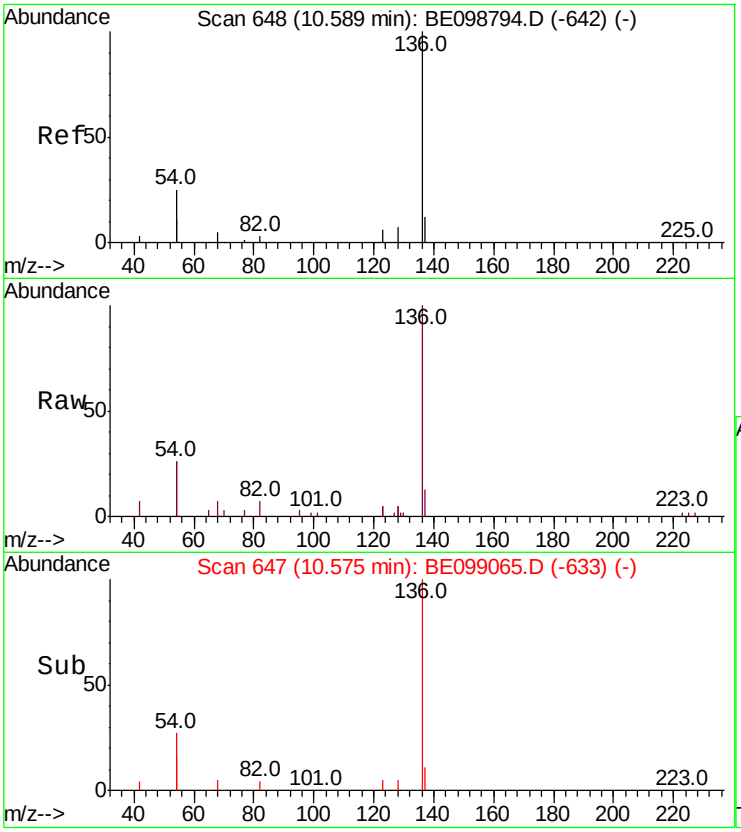


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion: 93 Resp: 1108

Ion	Ratio	Lower	Upper
93	100		
63	308.8	247.5	371.3
95	33.7	21.8	32.8#



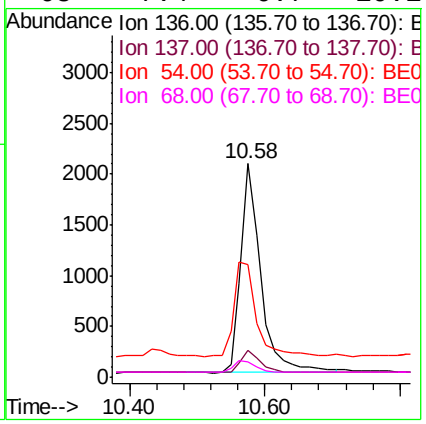


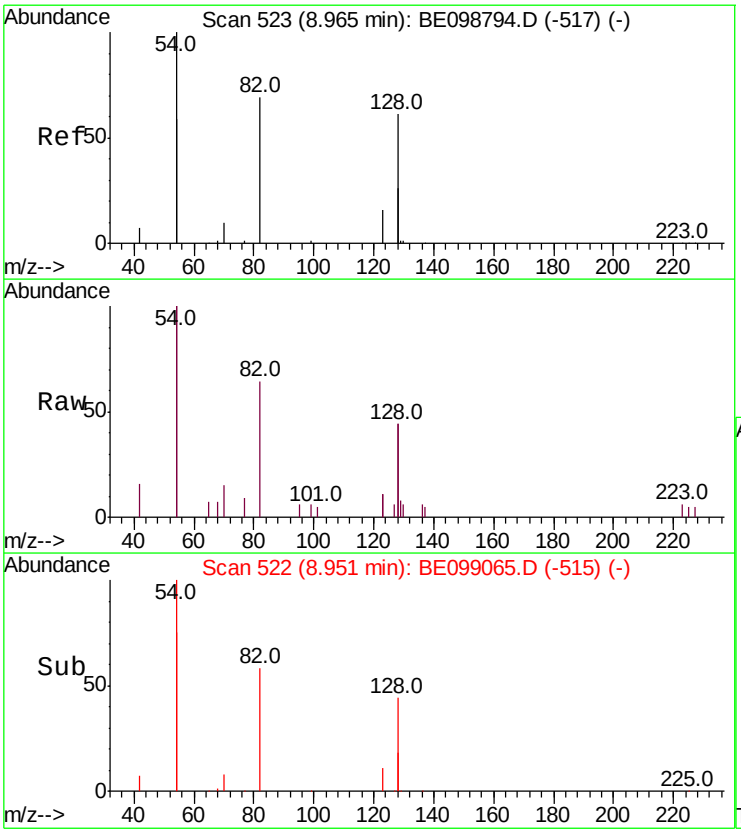
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4266

Ion	Ratio	Lower	Upper
136	100		
137	12.7	11.4	17.0
54	52.6	39.3	58.9
68	7.4	6.7	10.1

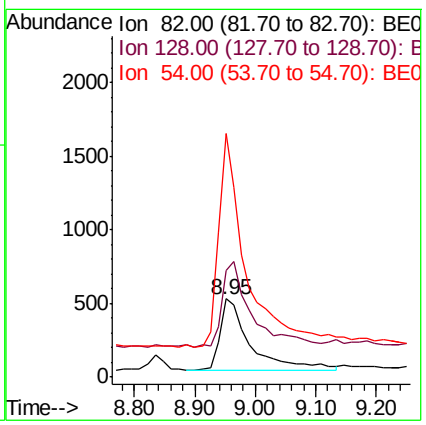


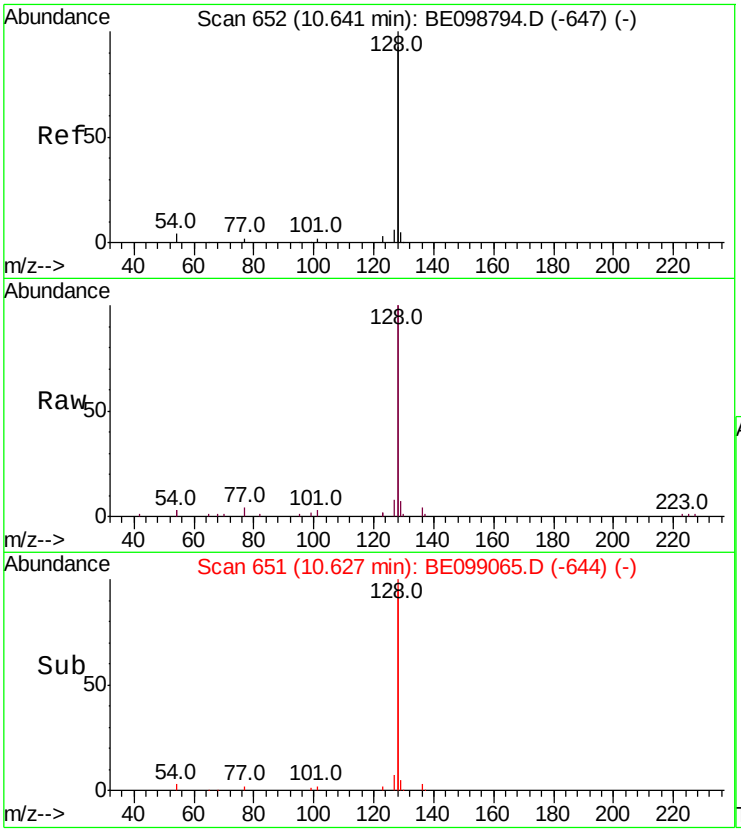


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion: 82 Resp: 1687

Ion	Ratio	Lower	Upper
82	100		
128	136.1	123.8	185.8
54	310.5	203.4	305.2#



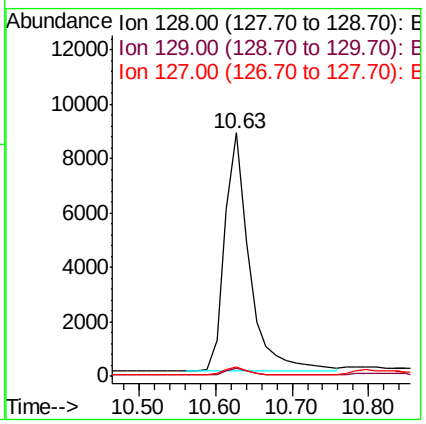


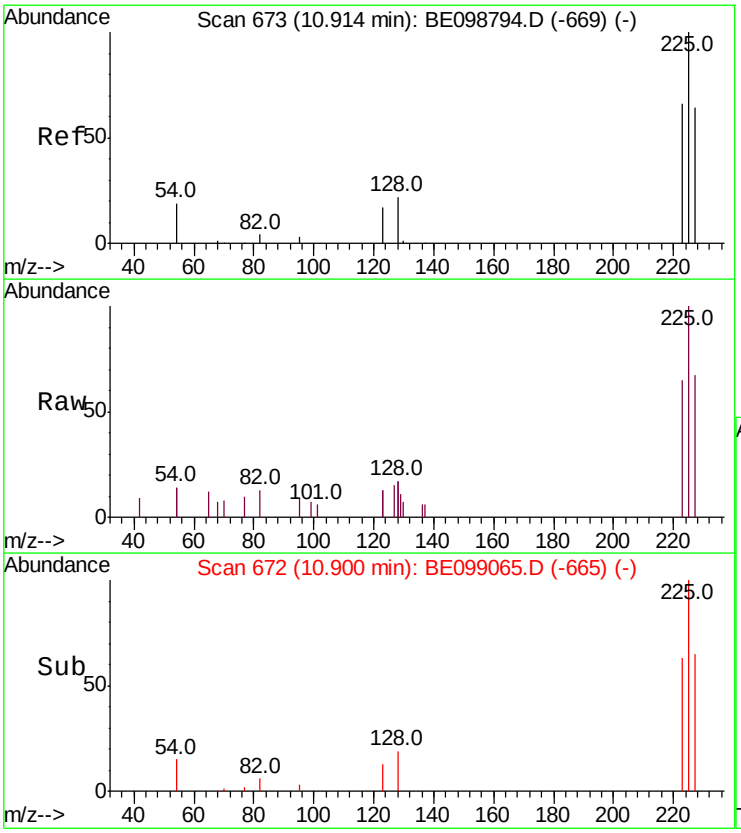
#9
Naphthalene
Concen: 0.401 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19583

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	4.0
127	3.9	3.1	4.7

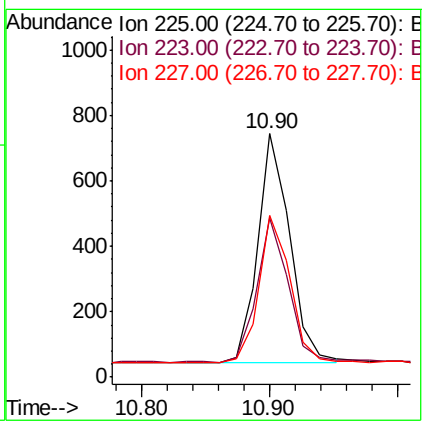


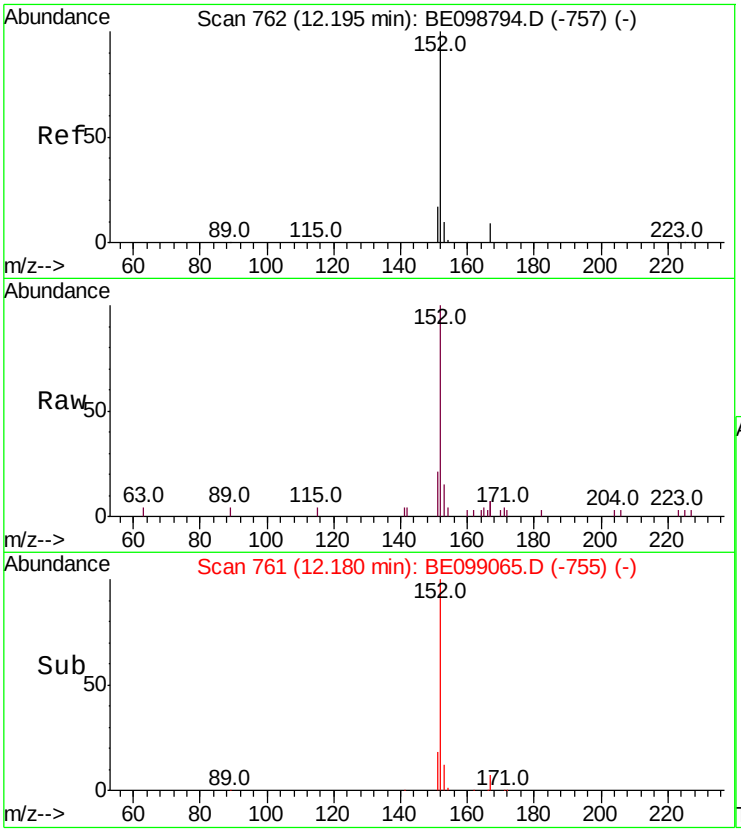


#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:225 Resp: 1218

Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.1	76.7
227	62.6	51.6	77.4



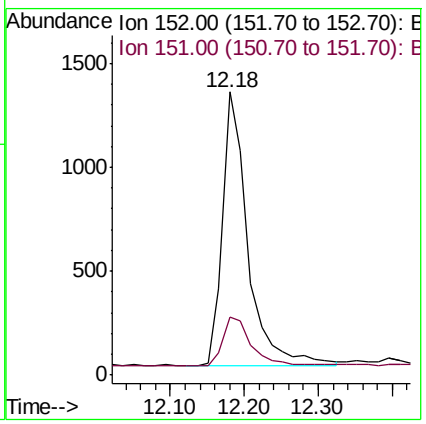


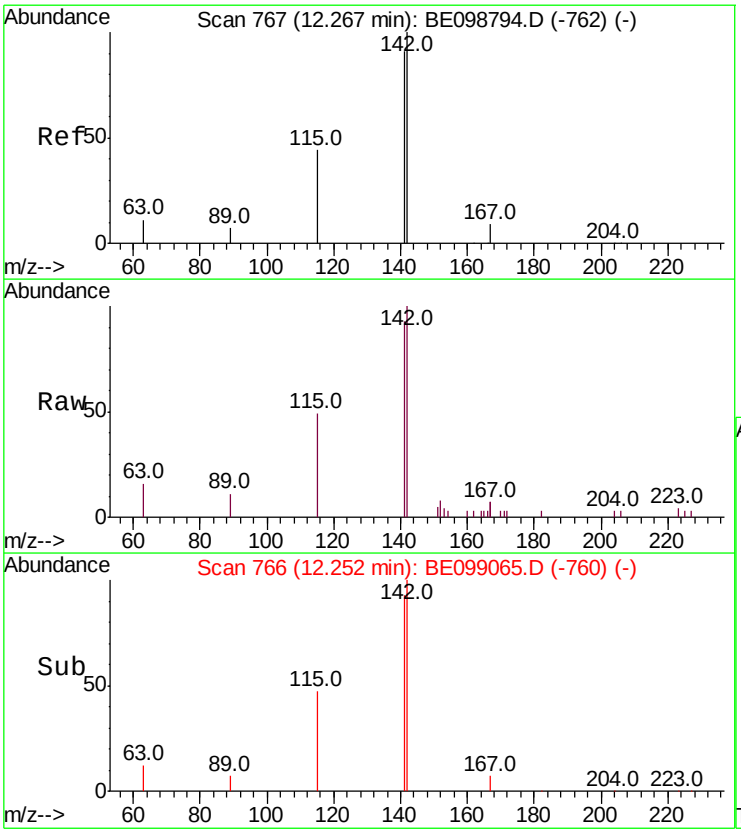
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3138

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.5	24.7

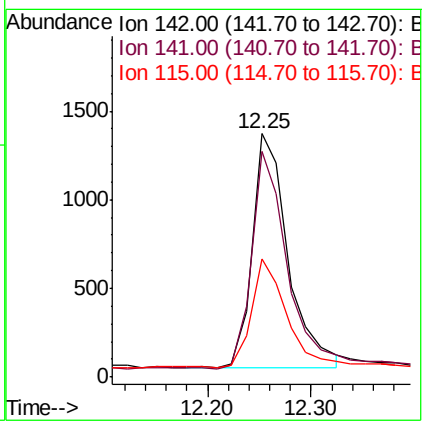


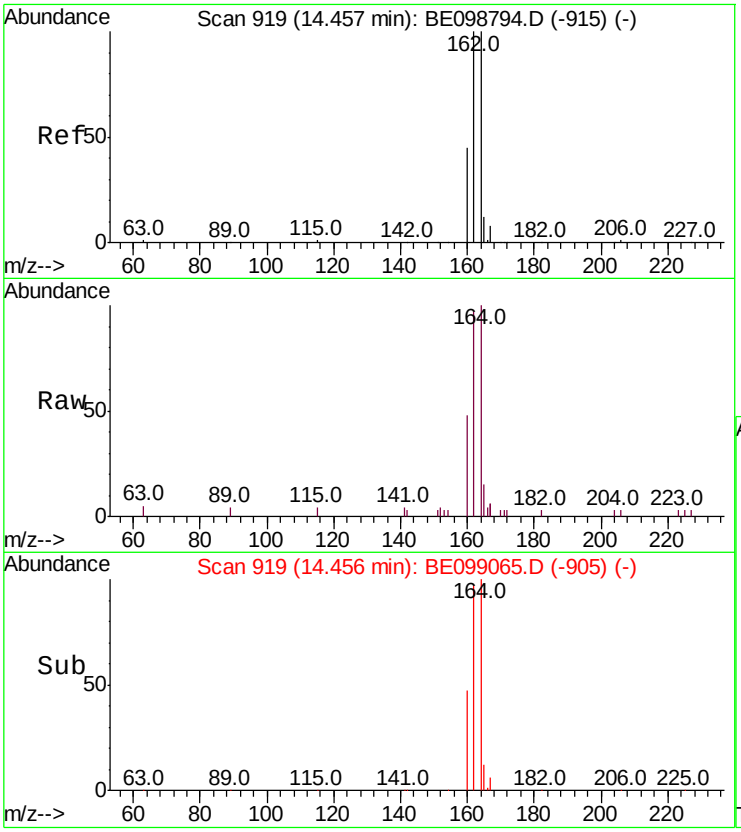


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:142 Resp: 3176

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.6	108.8
115	48.8	37.4	56.2



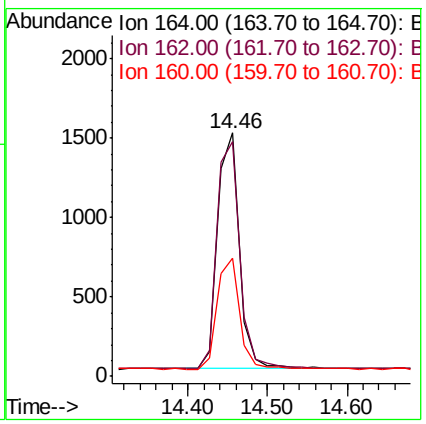


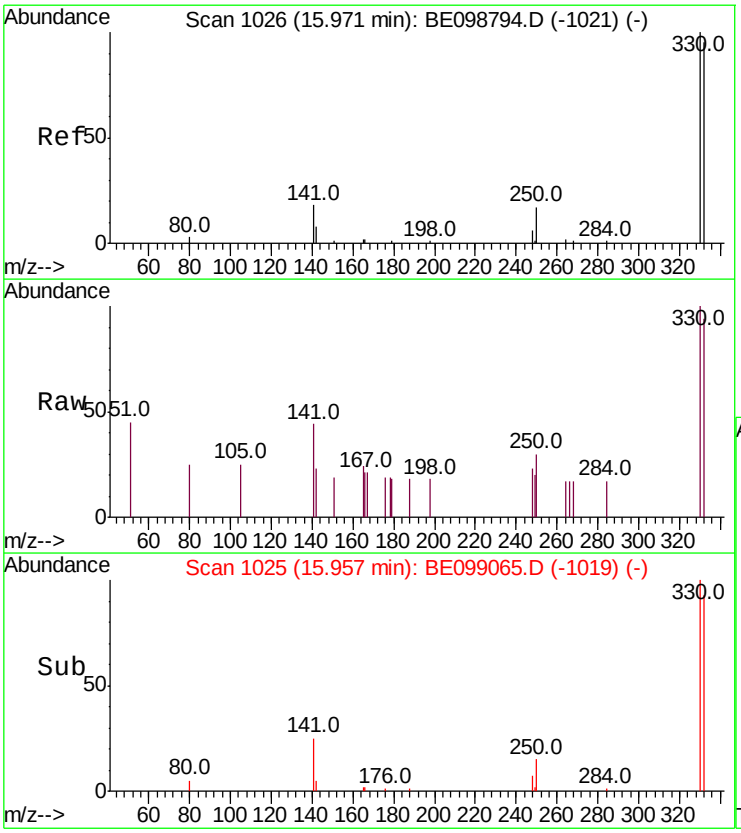
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2848

Ion	Ratio	Lower	Upper
164	100		
162	96.6	80.2	120.2
160	48.3	37.8	56.8

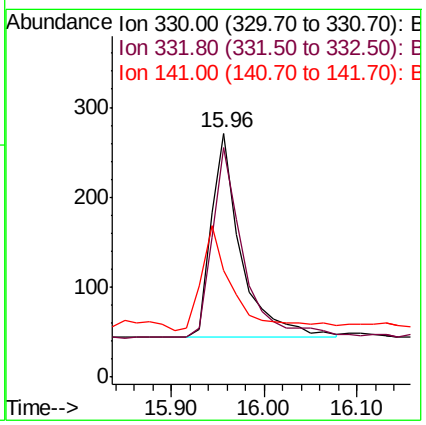


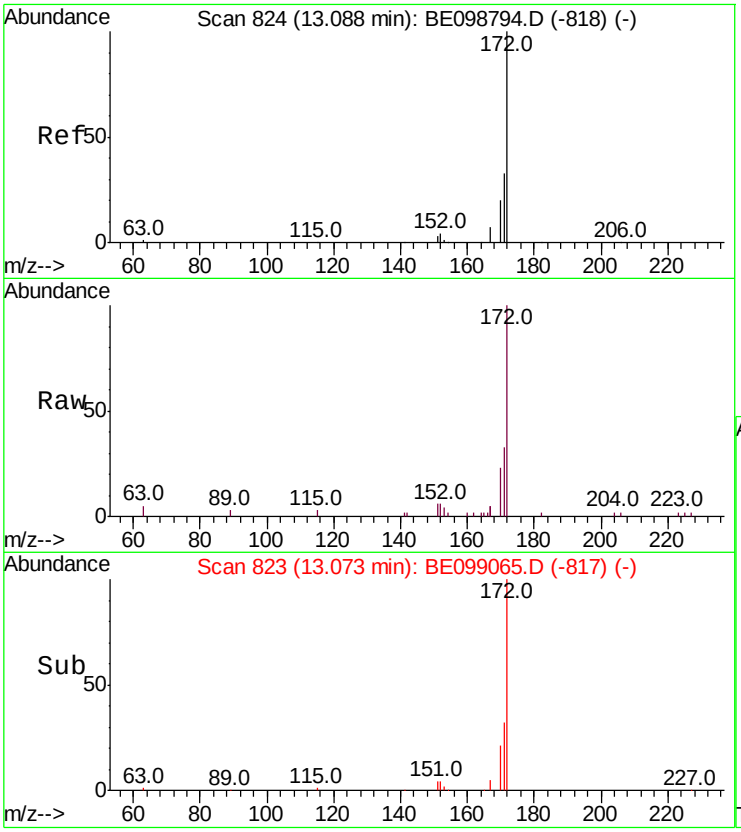


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:330 Resp: 508

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	55.3	31.0	46.4#



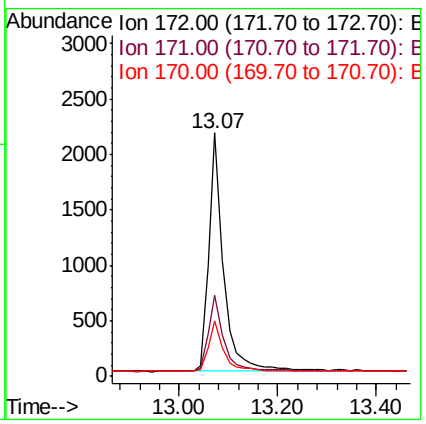


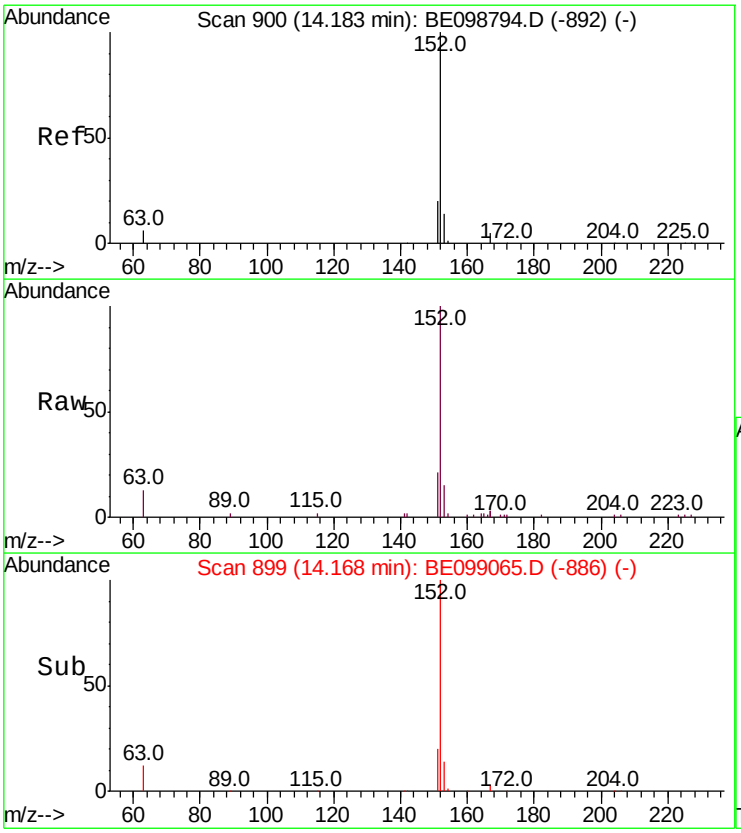
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4473

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.0	42.0
170	22.9	17.7	26.5

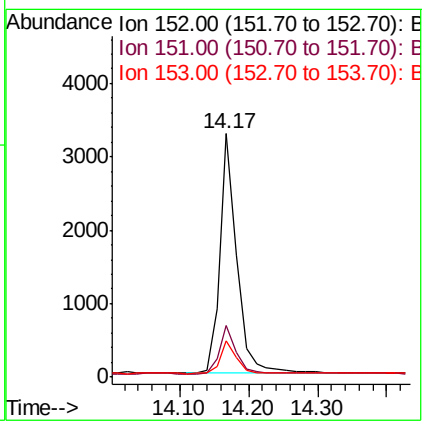


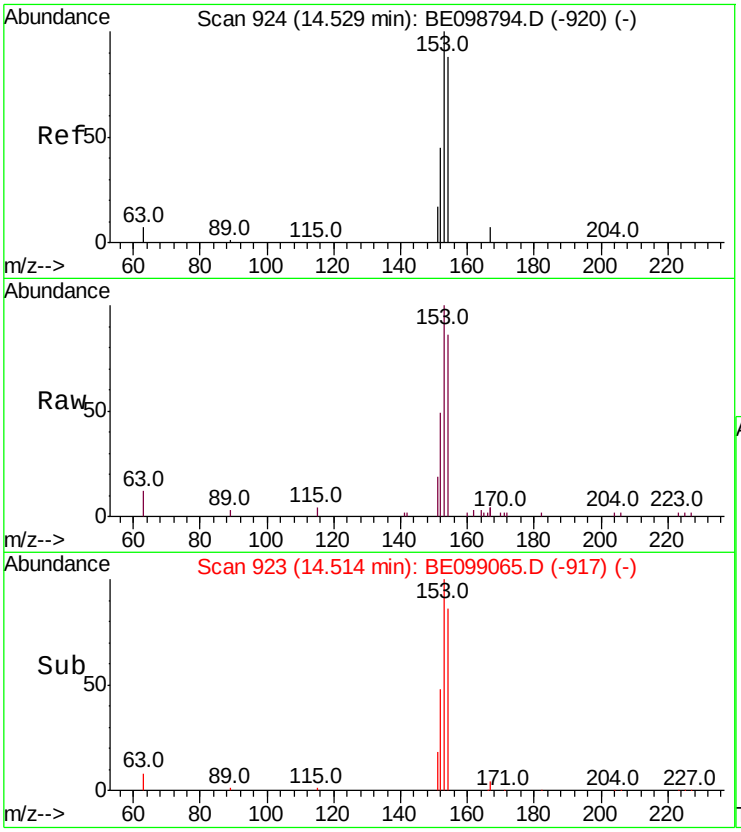


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:152 Resp: 5645

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	13.9	11.2	16.8



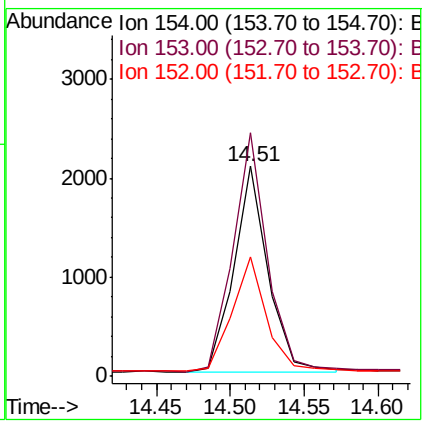


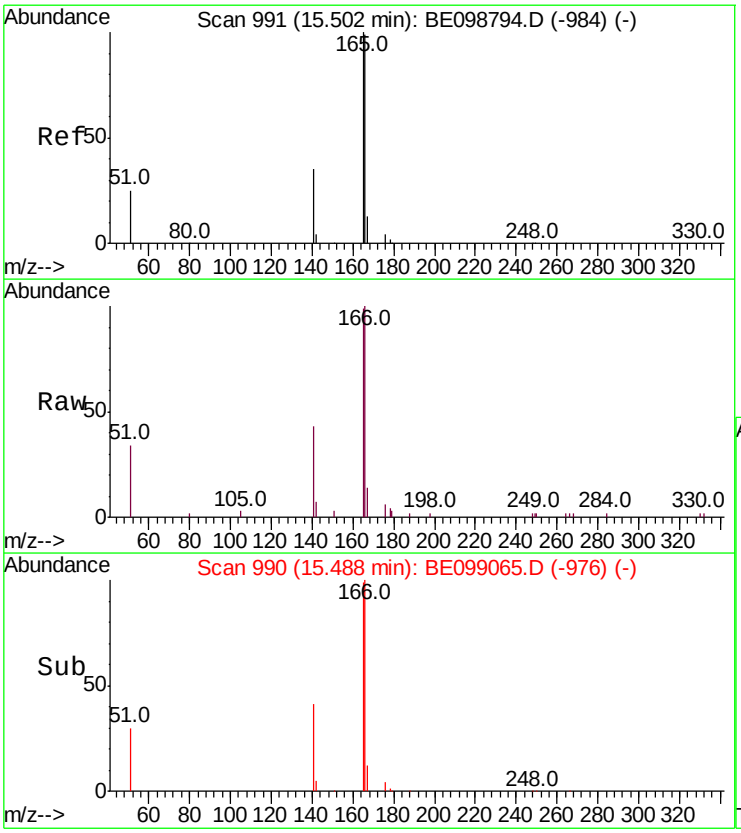
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 3299

Ion	Ratio	Lower	Upper
154	100		
153	117.8	94.2	141.4
152	56.3	45.0	67.4

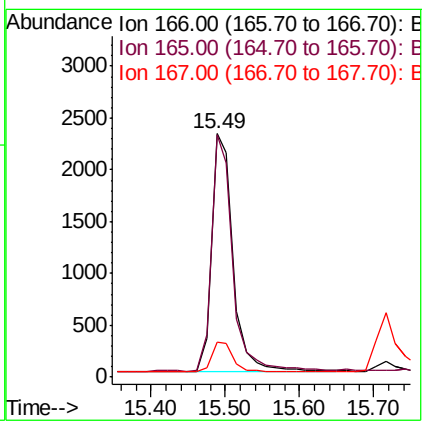


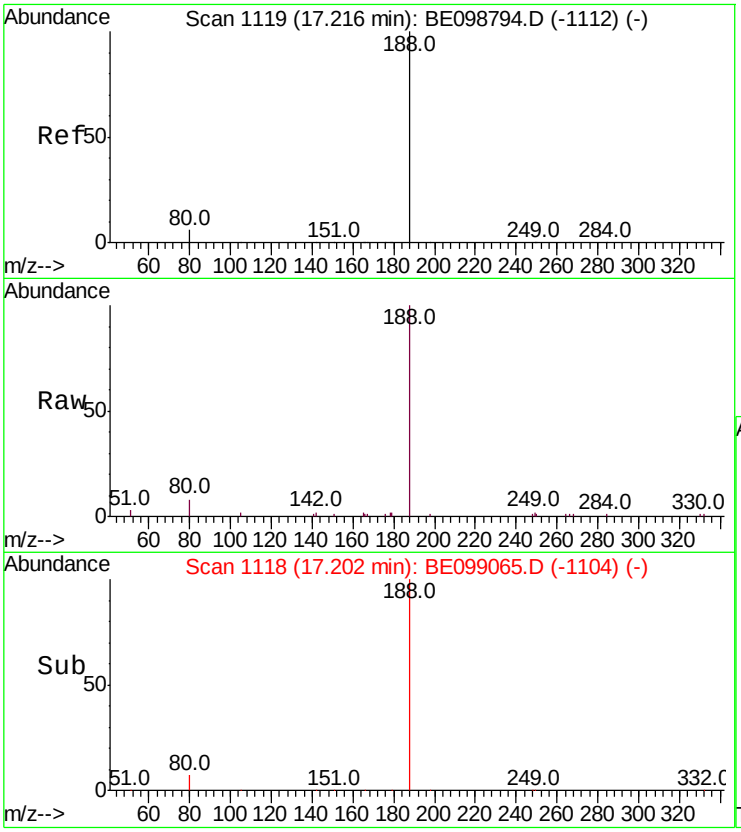


#18
Fluorene
Concen: 0.374 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:166 Resp: 4690

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.3	118.9
167	12.7	10.5	15.7



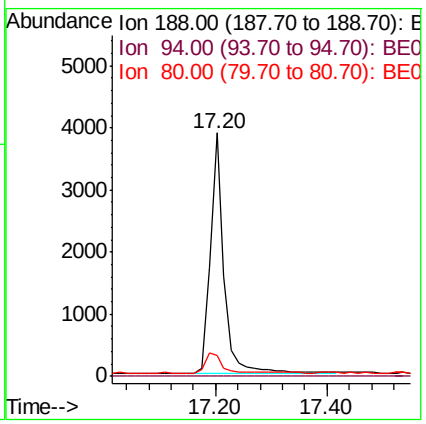


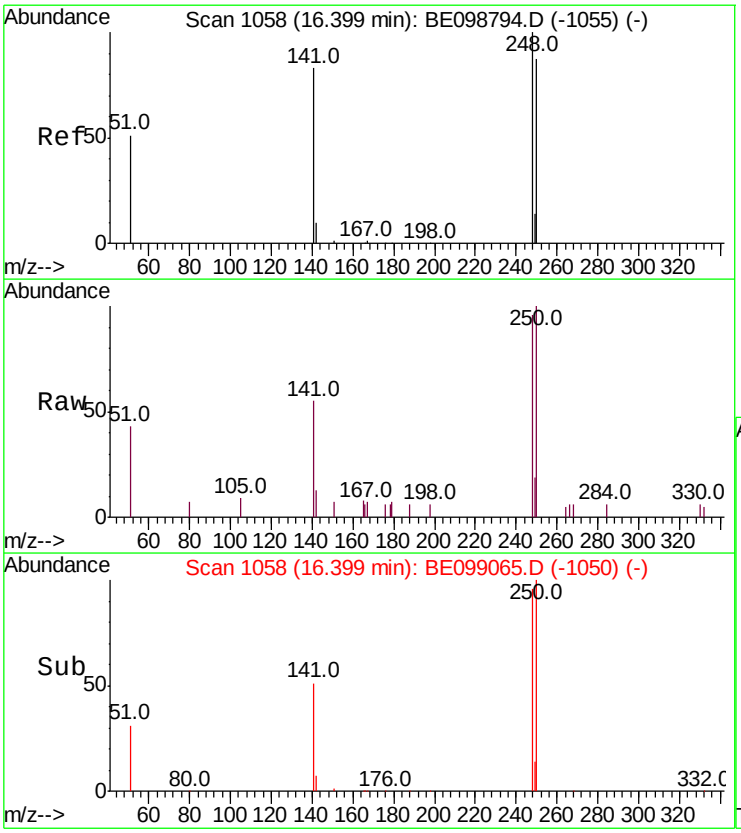
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6646

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.3	9.5

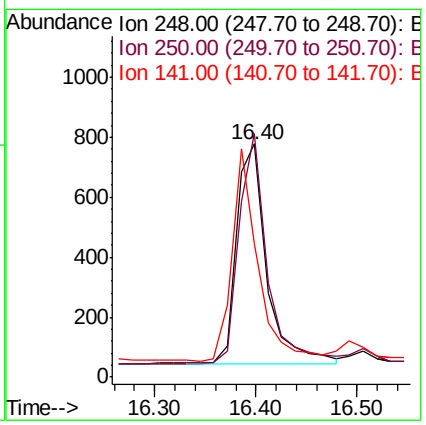


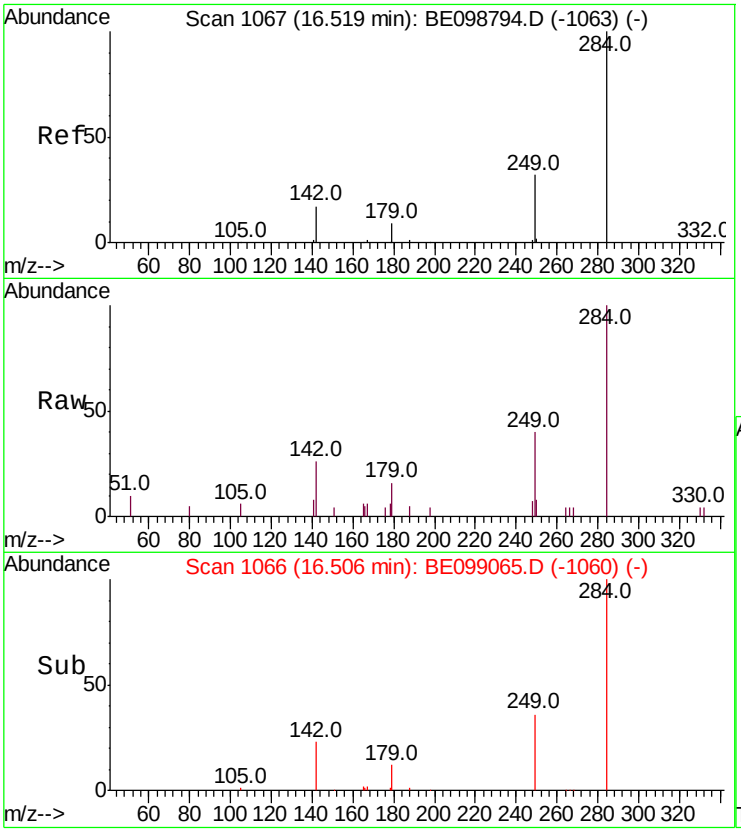


#20
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:248 Resp: 1508

Ion	Ratio	Lower	Upper
248	100		
250	104.4	70.6	105.8
141	57.3	68.6	102.8#



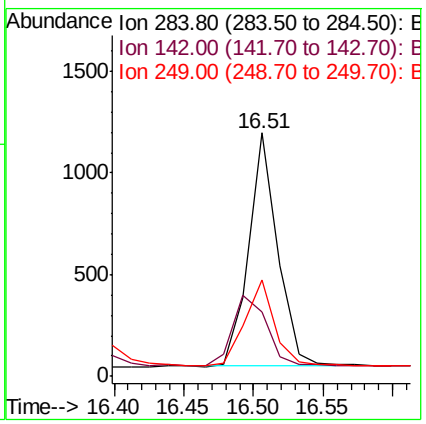


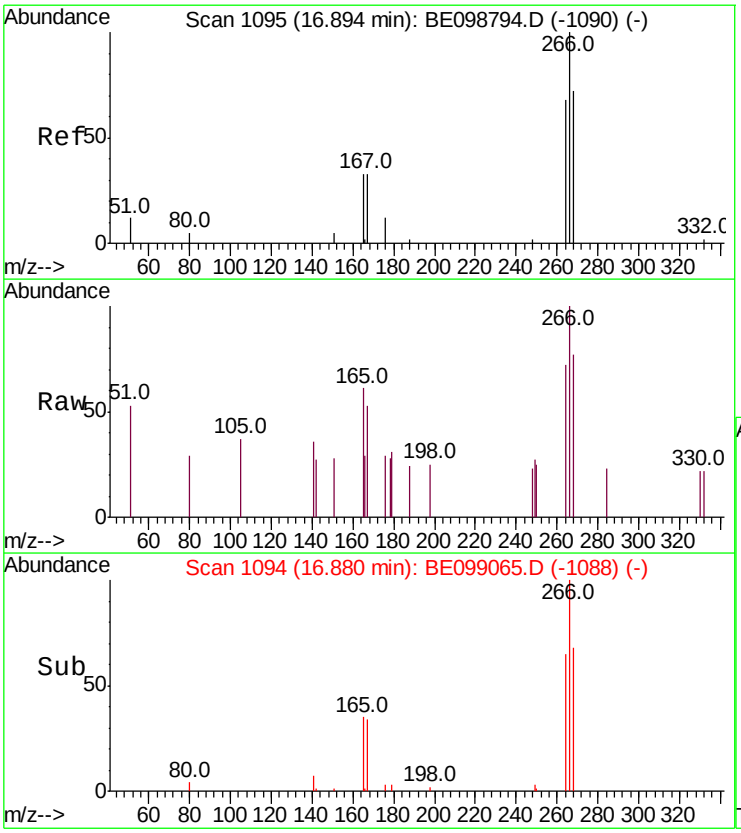
#21
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1664

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.7	43.1
249	37.3	29.6	44.4

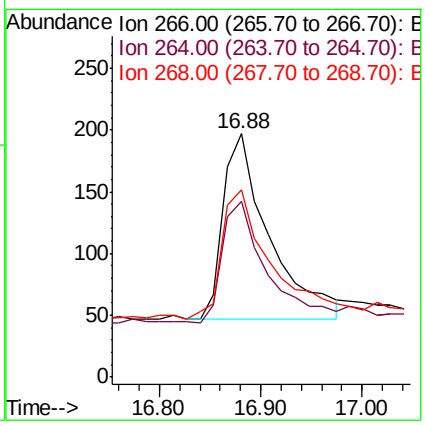


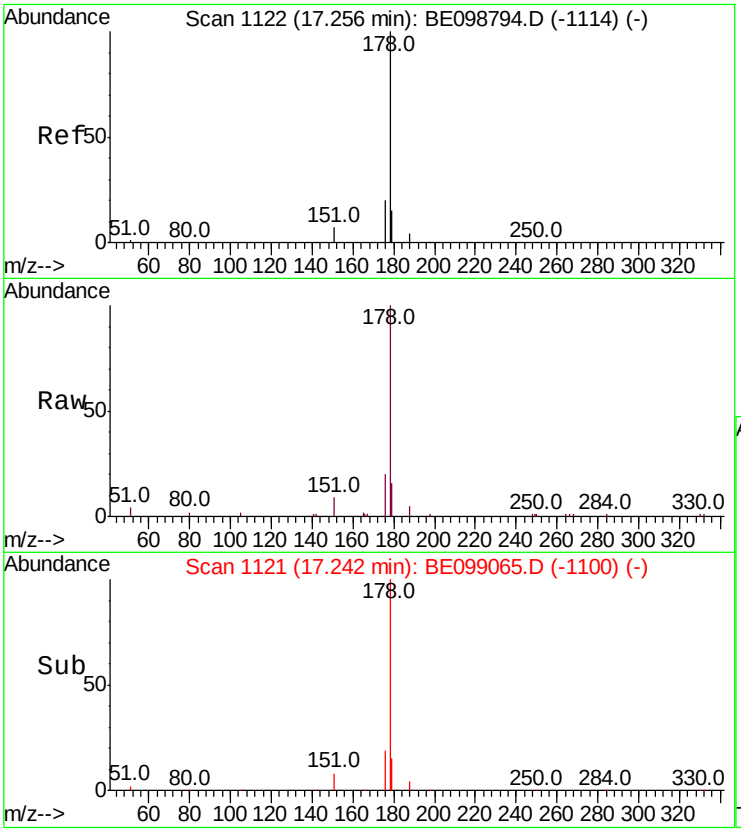


#22
Pentachlorophenol
Concen: 0.589 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:266 Resp: 473

Ion	Ratio	Lower	Upper
266	100		
264	72.1	66.6	100.0
268	77.2	69.8	104.8



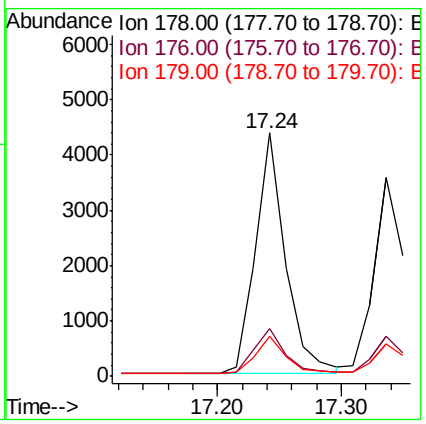


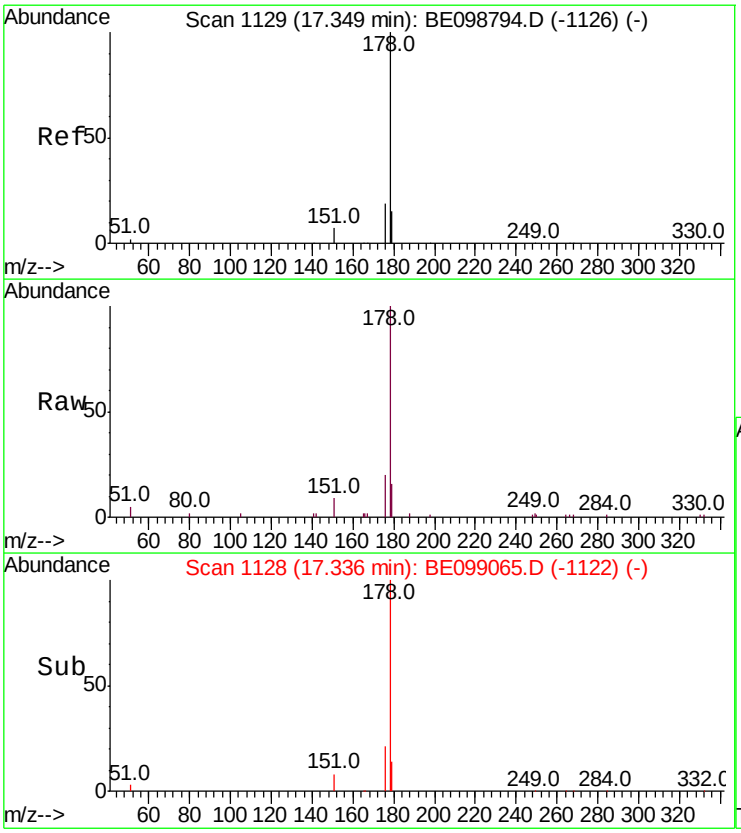
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 7275

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.1	12.1	18.1

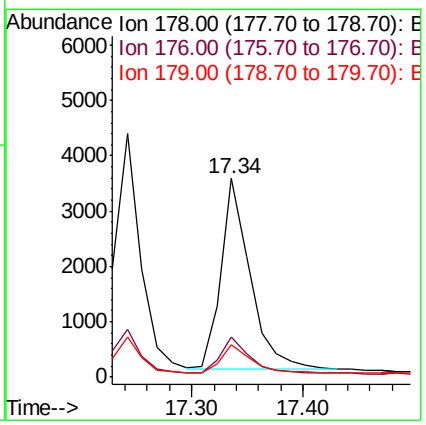


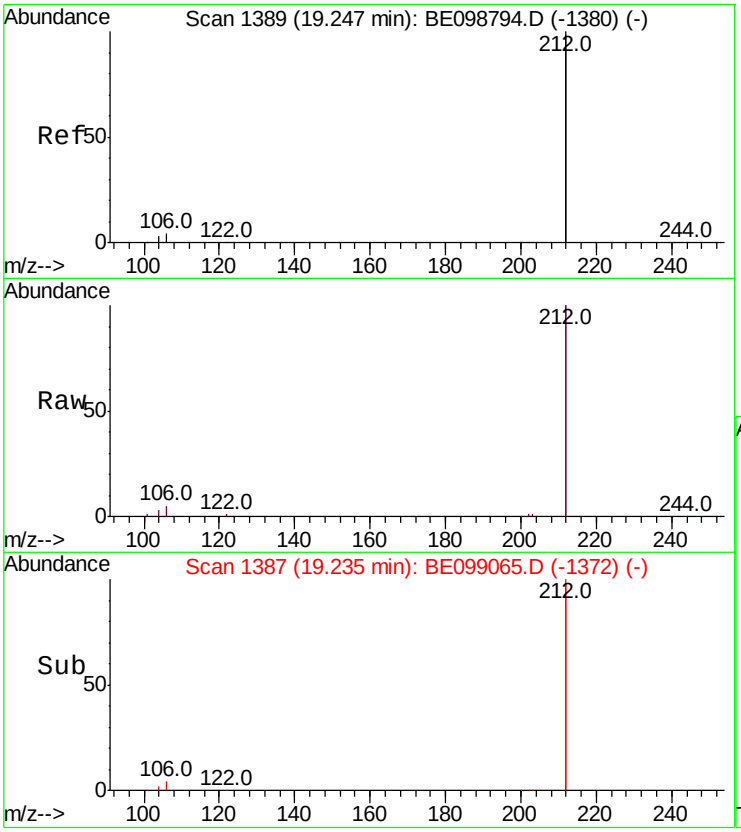


#24
Anthracene
Concen: 0.385 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:178 Resp: 6219

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.4



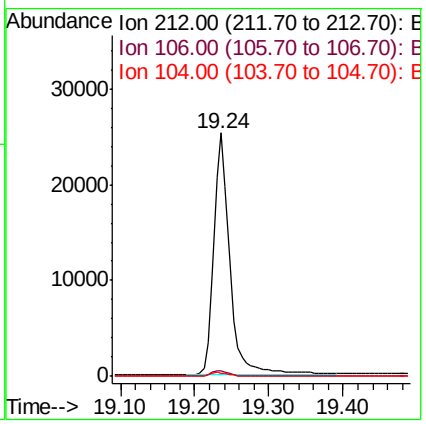


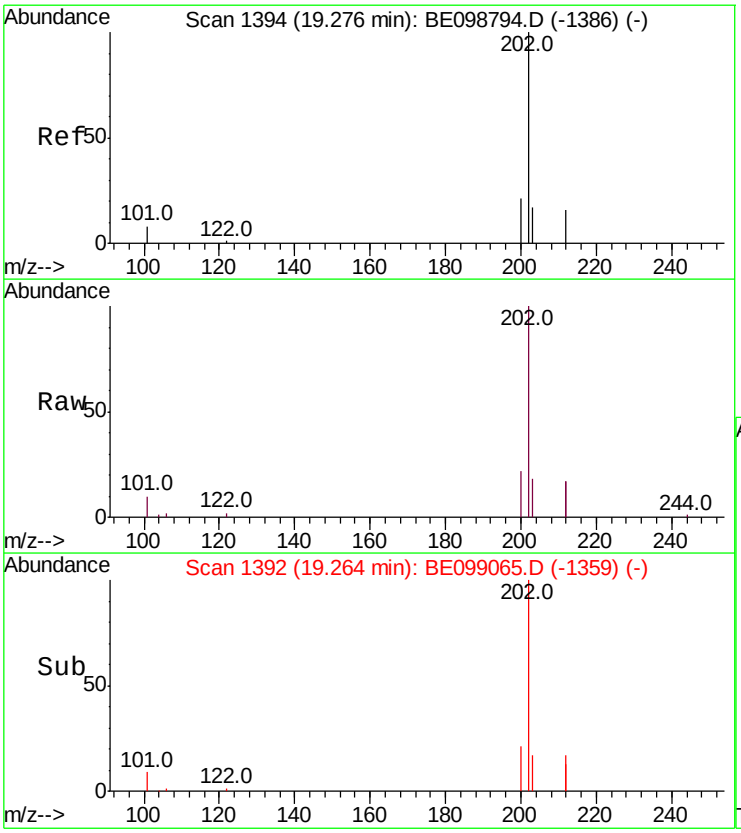
#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 37633

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

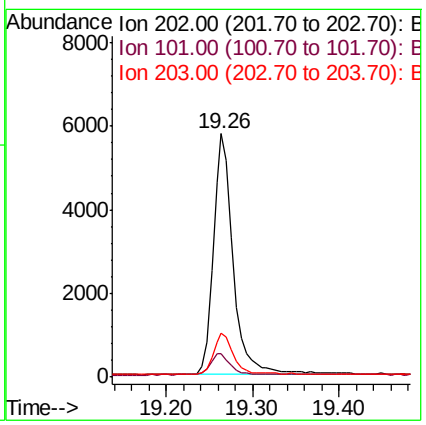


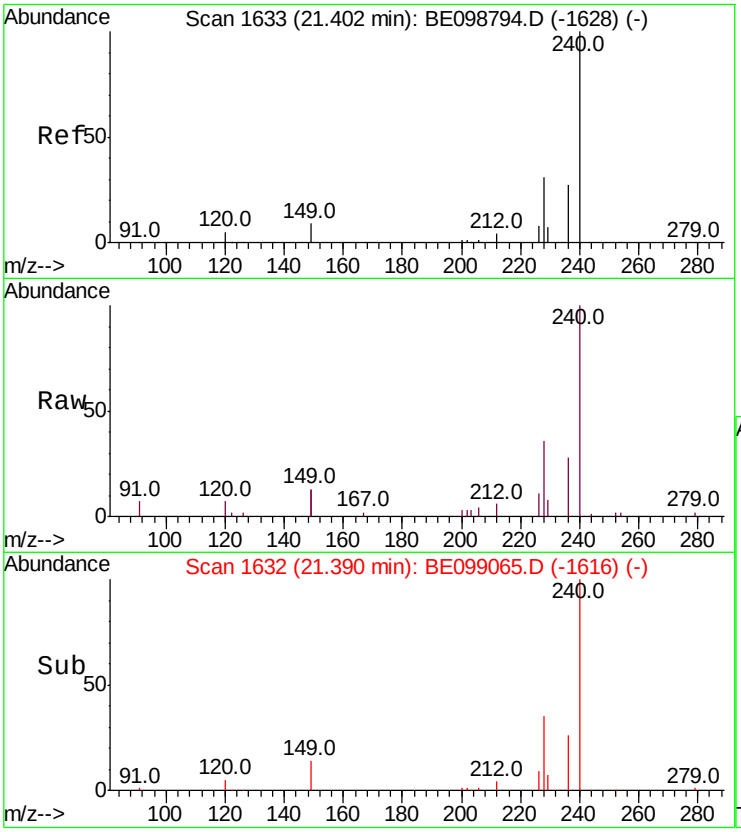


#26
Fluoranthene
Concen: 0.348 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:202 Resp: 9290

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.3	10.9
203	17.2	13.4	20.2



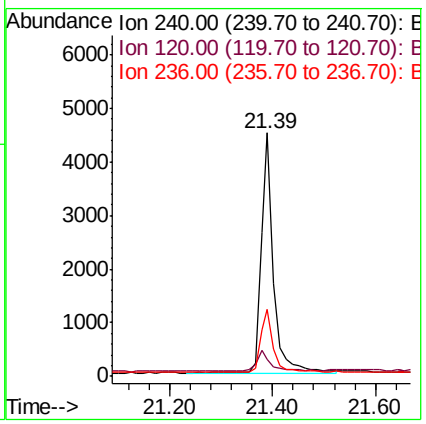


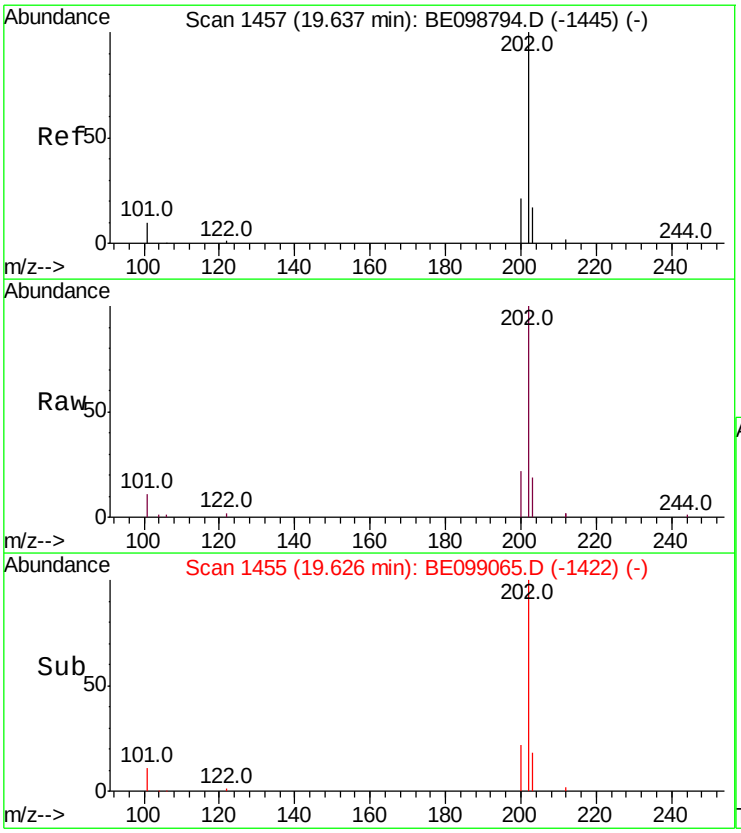
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 7542

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.4
236	27.5	22.7	34.1

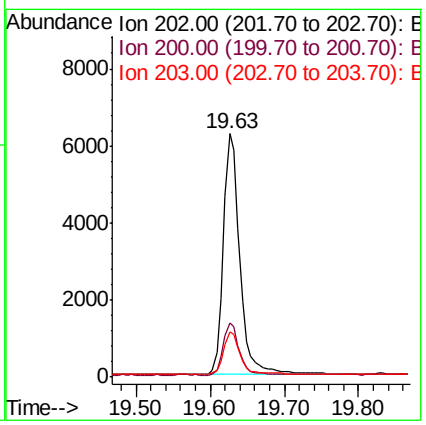


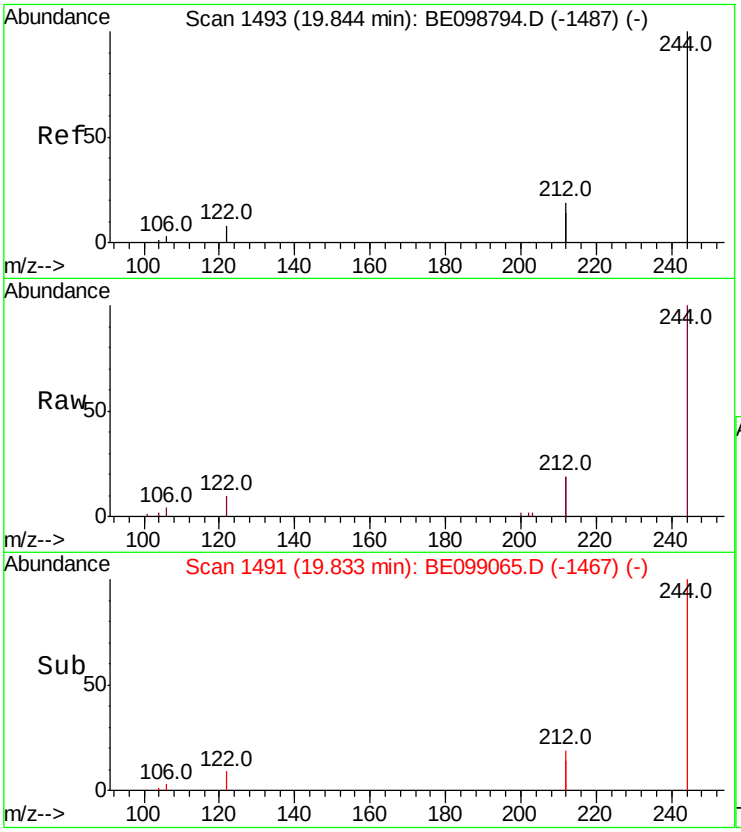


#28
Pyrene
Concen: 0.420 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:202 Resp: 9681

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.8	14.2	21.2



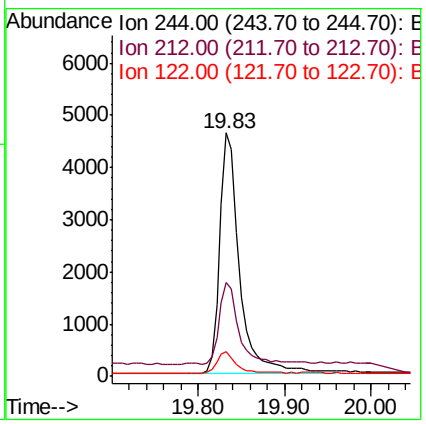


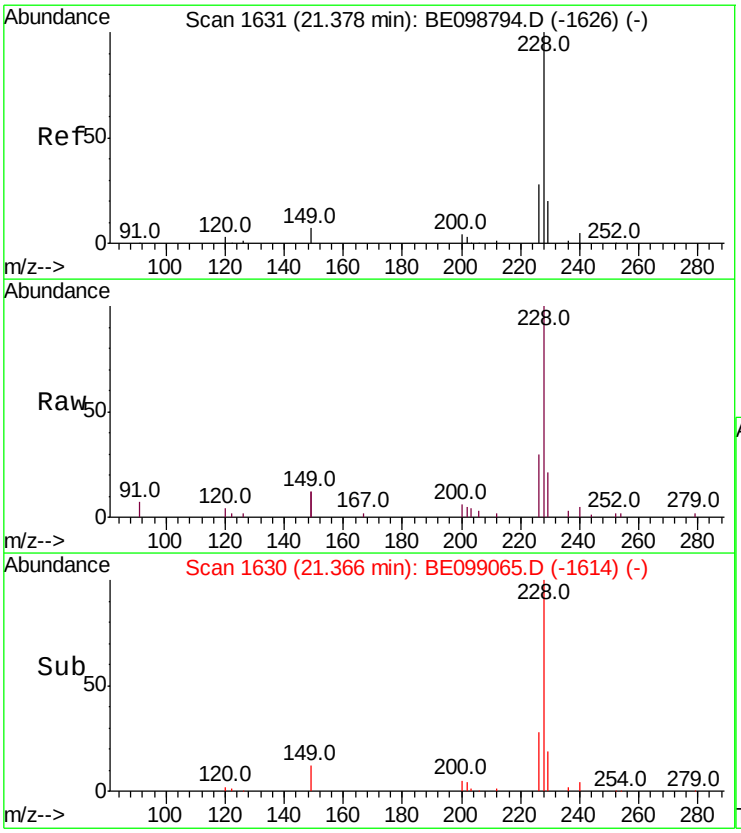
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7418

Ion	Ratio	Lower	Upper
244	100		
212	38.4	29.4	44.2
122	10.3	7.1	10.7

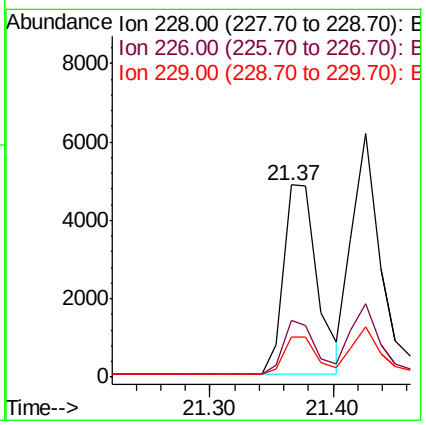


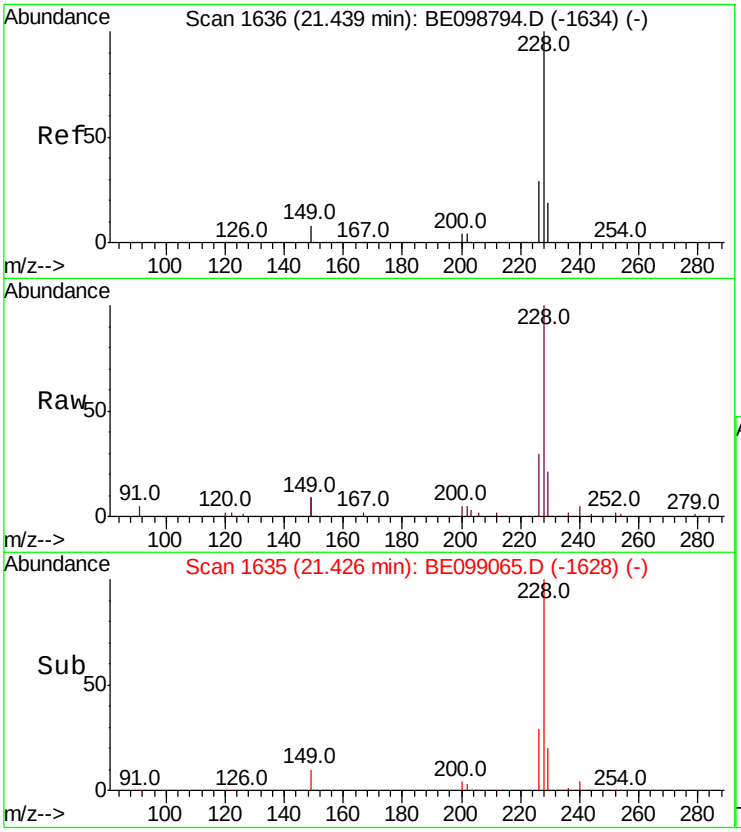


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:228 Resp: 9320

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	20.6	16.5	24.7



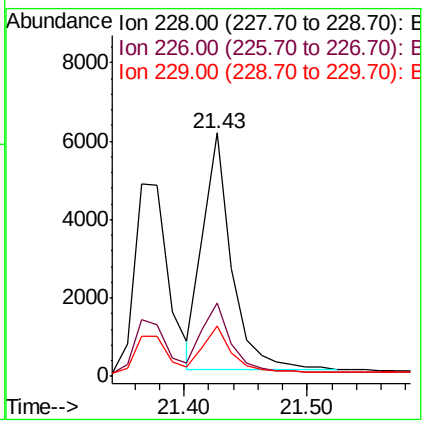


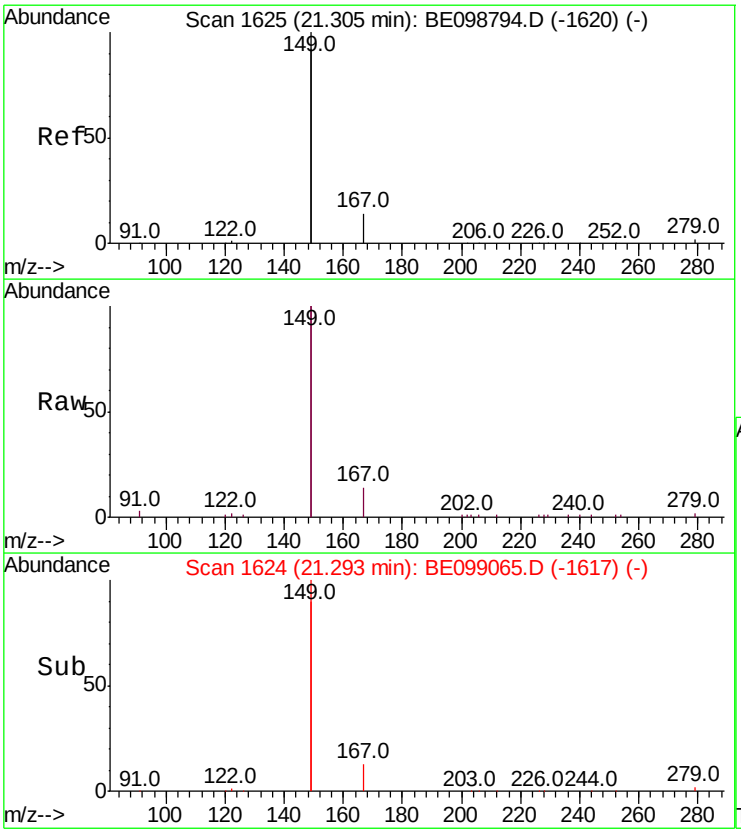
#31
Chrysene
Concen: 0.385 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 9706

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	20.7	16.1	24.1

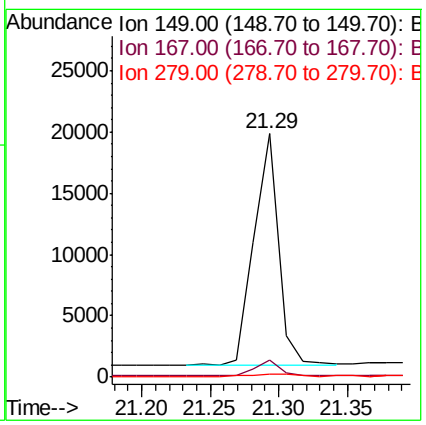


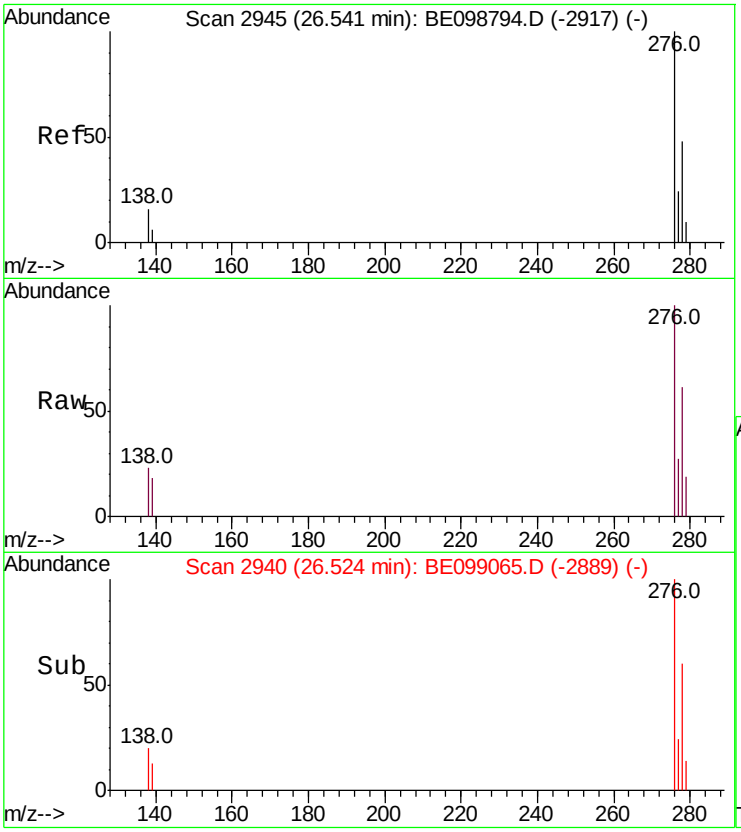


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.462 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:149 Resp: 23128

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.2	1.0	1.4



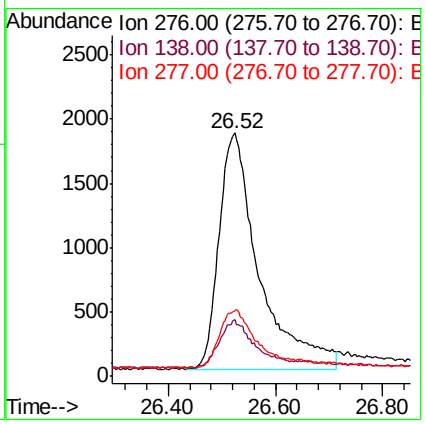


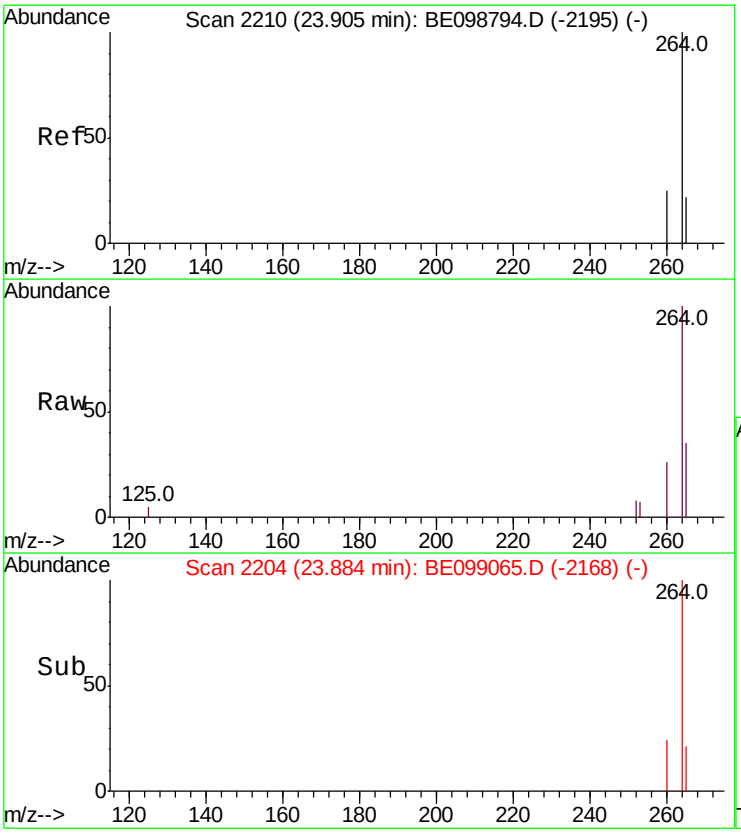
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9559

Ion	Ratio	Lower	Upper
276	100		
138	18.1	13.8	20.8
277	22.9	19.5	29.3

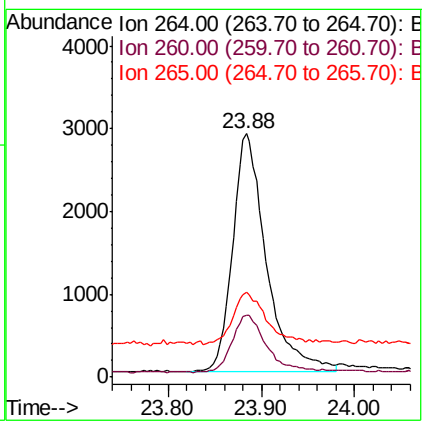


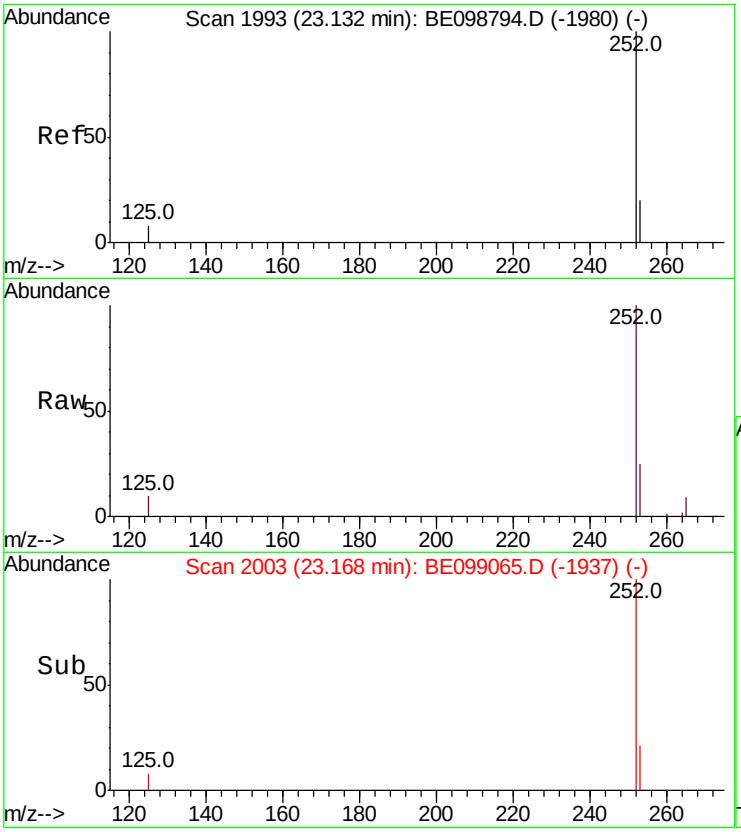


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:264 Resp: 7232

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.2	31.8
265	35.1	24.6	36.8



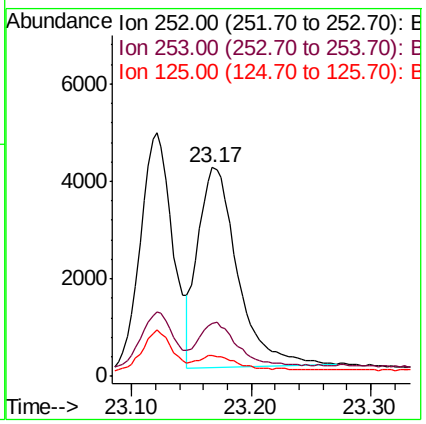


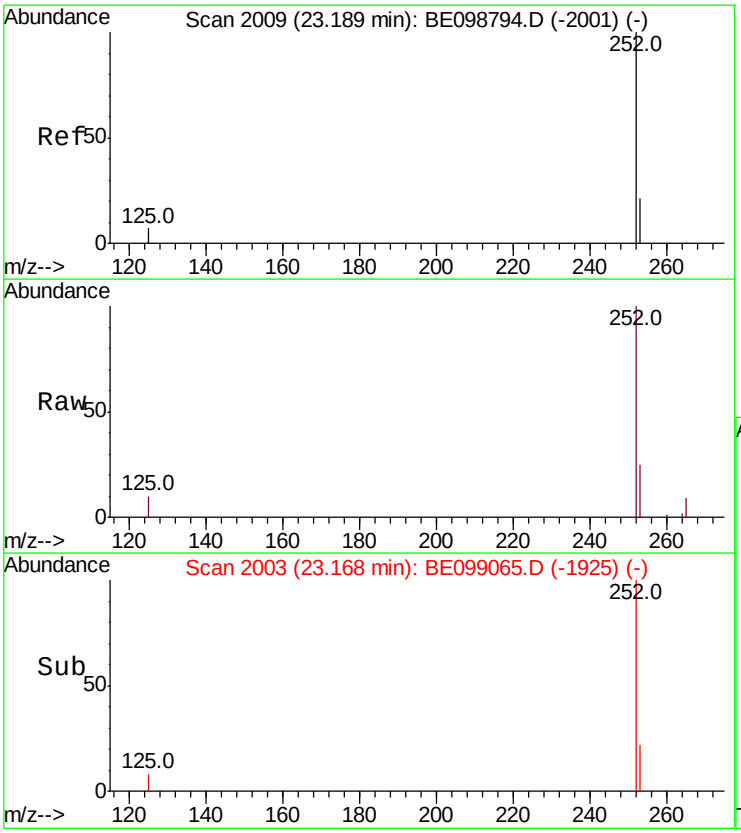
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.04 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9407

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	10.2	7.3	10.9

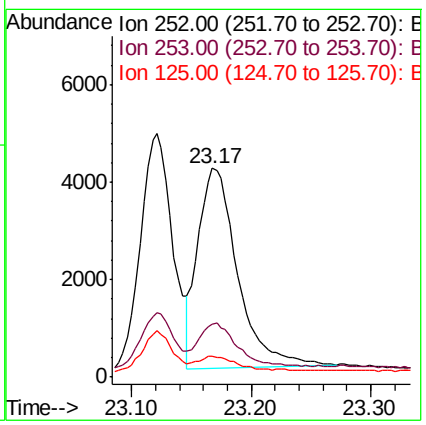


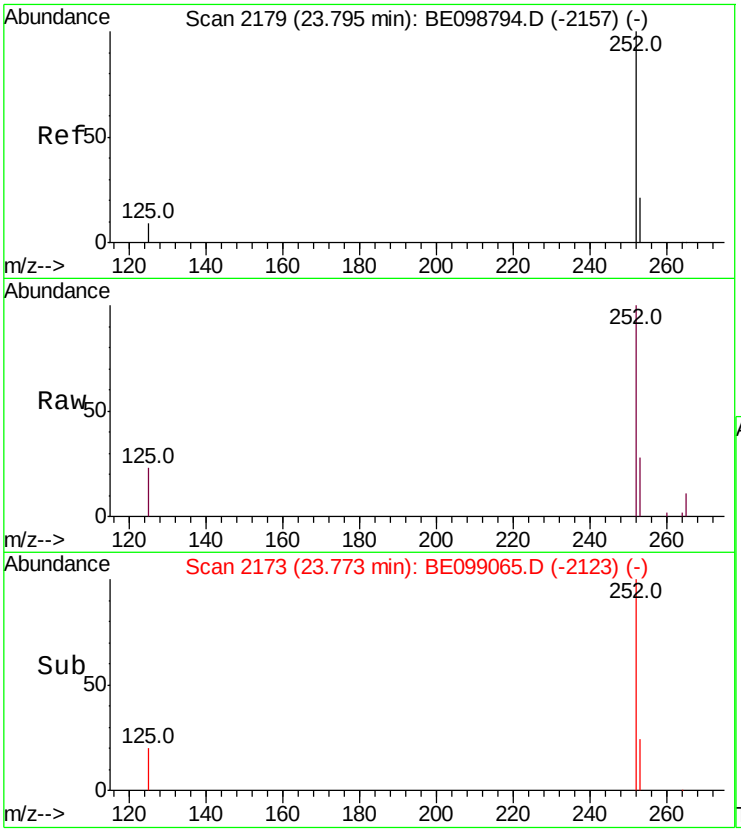


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:252 Resp: 9407

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.3	28.9
125	10.2	7.5	11.3



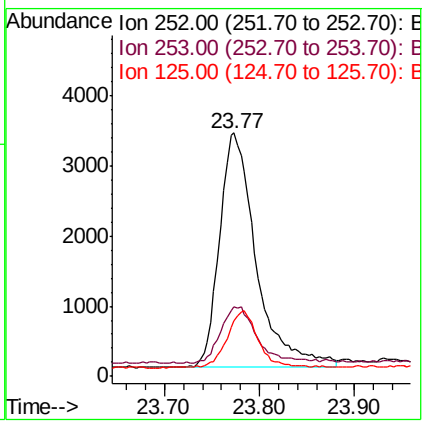


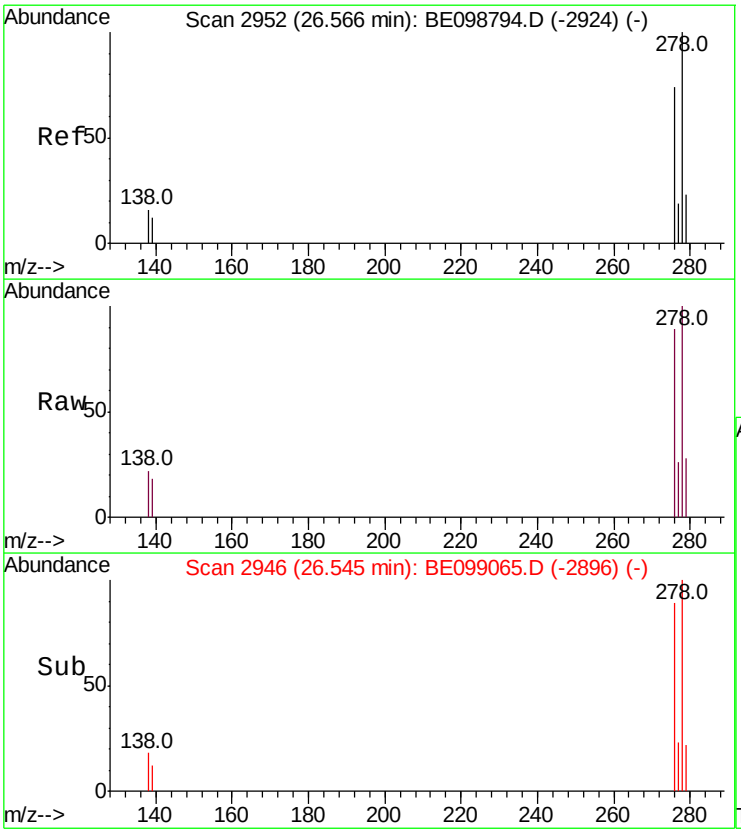
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8970

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.9	29.9
125	22.9	9.0	13.4#

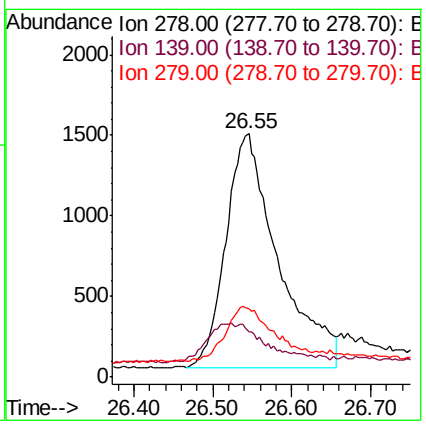


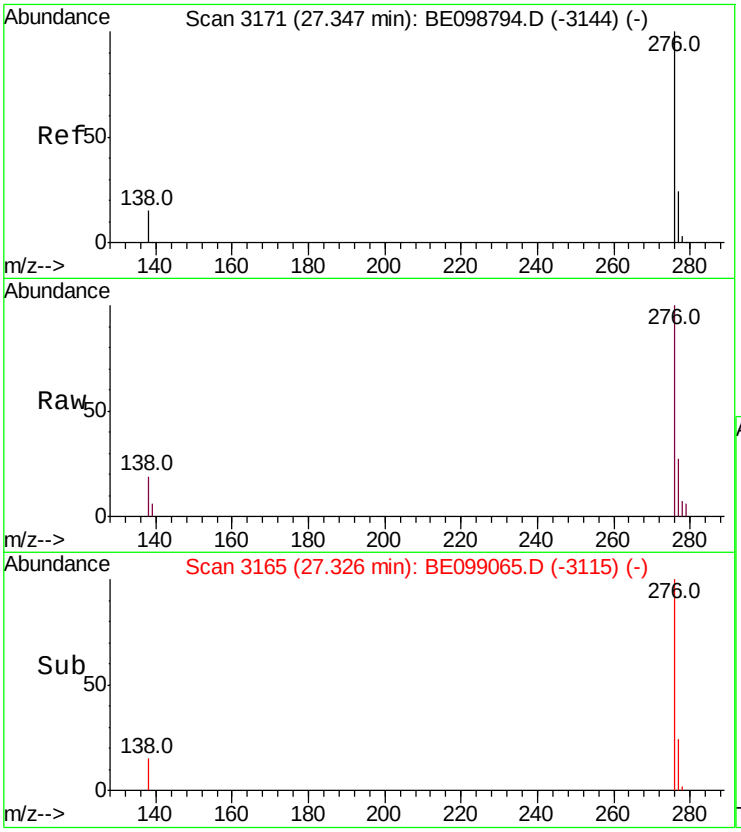


#38
Dibenzo(a,h)anthracene
Concen: 0.308 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:278 Resp: 6647

Ion	Ratio	Lower	Upper
278	100		
139	18.4	11.8	17.6#
279	27.9	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.324 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7298

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.4	30.6
138	18.6	13.6	20.4