Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099946.D
Acq On : 12 Jun 2019 8:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 13 04:07:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	840	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3174	0.40	ng		-0.01
13) Acenaphthene-d10	14.44	164	2362	0.40	ng		-0.03
19) Phenanthrene-d10	17.19	188	7491	0.40	ng		-0.03
27) Chrysene-d12	21.37	240	8231	0.40	ng		-0.04
34) Perylene-d12	23.86	264	9335	0.40	ng		-0.07
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	763	0.34	ng		0.00
5) Phenol-d6	6.96	99	1065	0.36	ng		0.00
8) Nitrobenzene-d5	8.95	82	1122	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2290	0.41	ng		-0.03
14) 2,4,6-Tribromophenol	15.94	330	443	0.25	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	3682	0.41	ng		-0.03
25) Fluoranthene-d10	19.21	212	38004	0.35	ng		-0.04
29) Terphenyl-d14	19.82	244	6641	0.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	525	0.422	ng		91
3) n-Nitrosodimethylamine	3.63	42	91	0.127	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	914	0.383	ng	#	72
9) Naphthalene	10.63	128	14061	0.410	ng		99
10) Hexachlorobutadiene	10.90	225	1175	0.450	ng		99
12) 2-Methylnaphthalene	12.27	142	2248	0.404	ng		96
16) Acenaphthylene	14.17	152	4757	0.405	ng		99
17) Acenaphthene	14.50	154	2631	0.411	ng		98
18) Fluorene	15.49	166	3905	0.406	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	1761	0.415	ng		96
21) Hexachlorobenzene	16.48	284	1829	0.422	ng		99
22) Pentachlorophenol	16.91	266	28	0.313	ng		94
23) Phenanthrene	17.23	178	7052	0.388	ng		99
24) Anthracene	17.32	178	5841	0.350	ng		98
26) Fluoranthene	19.24	202	10863	0.352	ng		100
28) Pyrene	19.61	202	10834	0.501	ng		100
30) Benzo(a)anthracene	21.34	228	9919	0.403	ng		100
31) Chrysene	21.40	228	11492	0.452	ng		99
32) Bis(2-ethylhexyl)phthalate	21.26	149	11483	0.325	ng		100
33) Indeno(1,2,3-cd)pyrene	26.52	276	11621	0.385	ng	#	95
35) Benzo(b)fluoranthene	23.09	252	9571	0.366	ng		99
36) Benzo(k)fluoranthene	23.14	252	11788	0.431	ng		99
37) Benzo(a)pyrene	23.75	252	10171	0.395	ng		99
38) Dibenzo(a,h)anthracene	26.55	278	8362	0.322	ng	#	92
39) Benzo(g,h,i)perylene	27.33	276	10315	0.385	ng	#	97

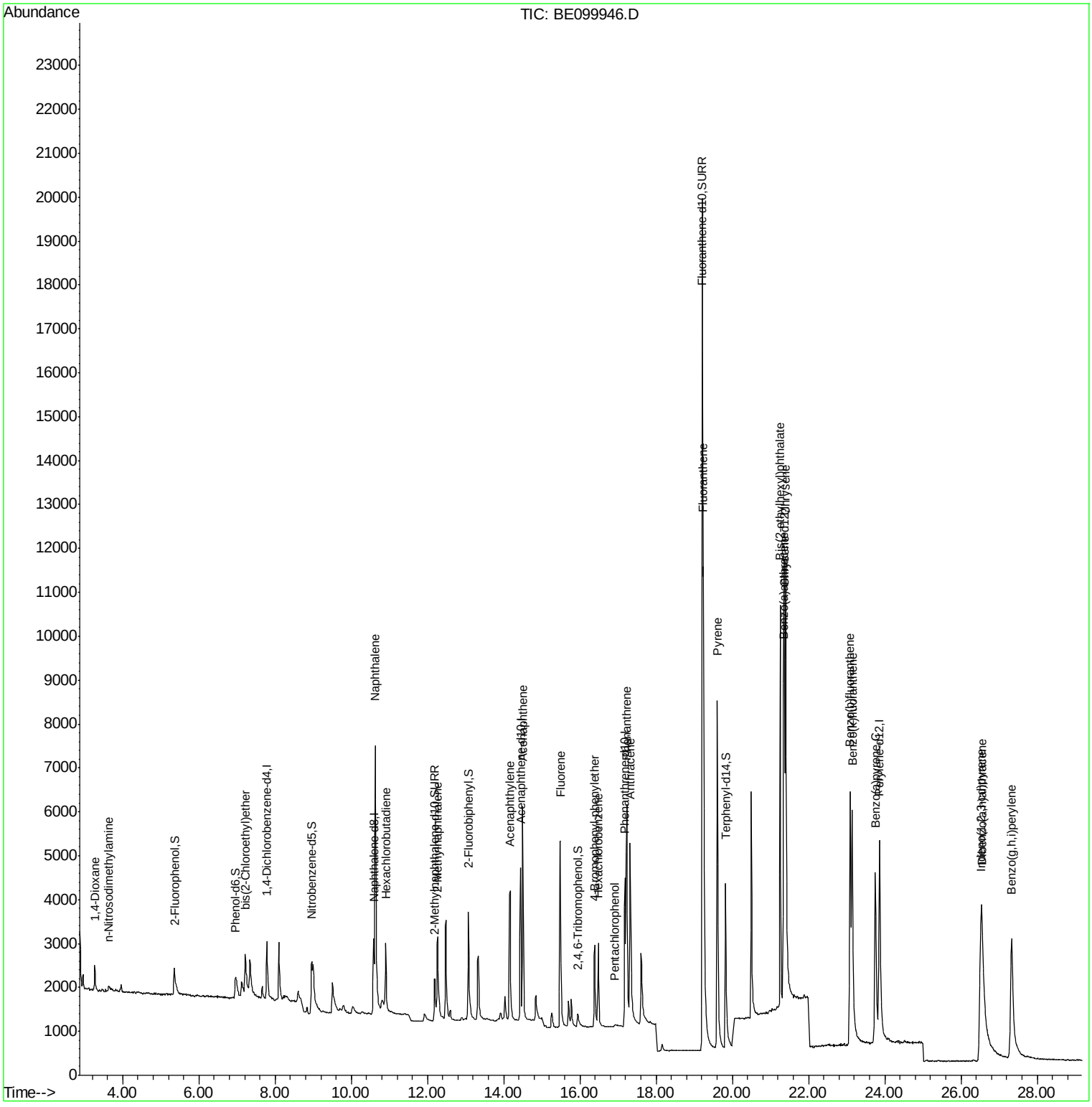
(#) = qualifier out of range (m) = manual integration (+) = signals summed

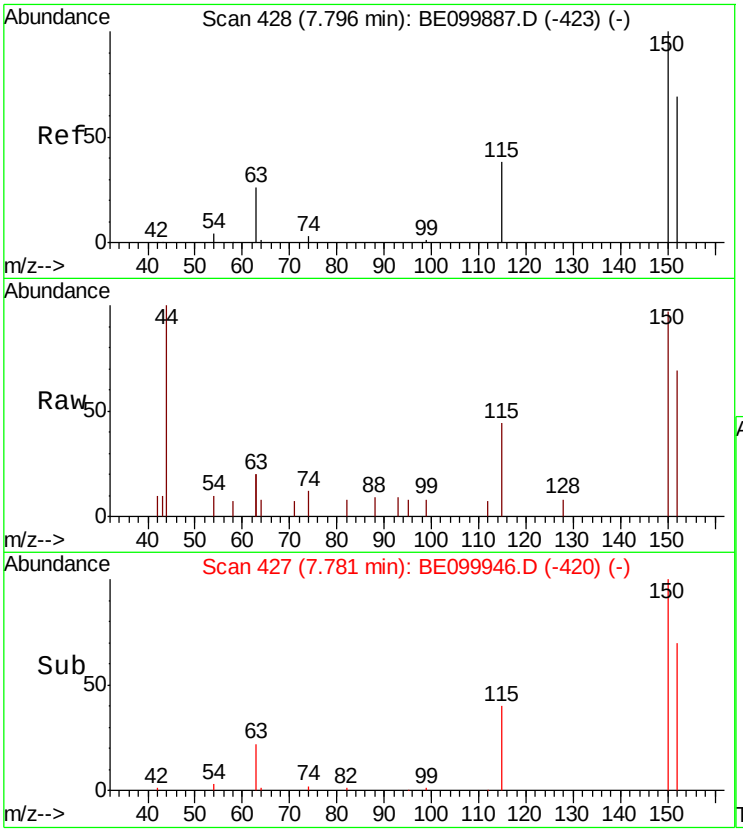
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099946.D
Acq On : 12 Jun 2019 8:32
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 13 04:07:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



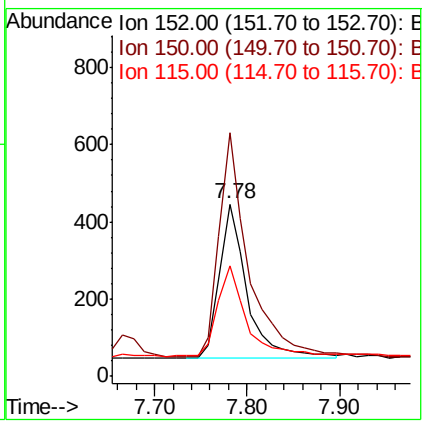


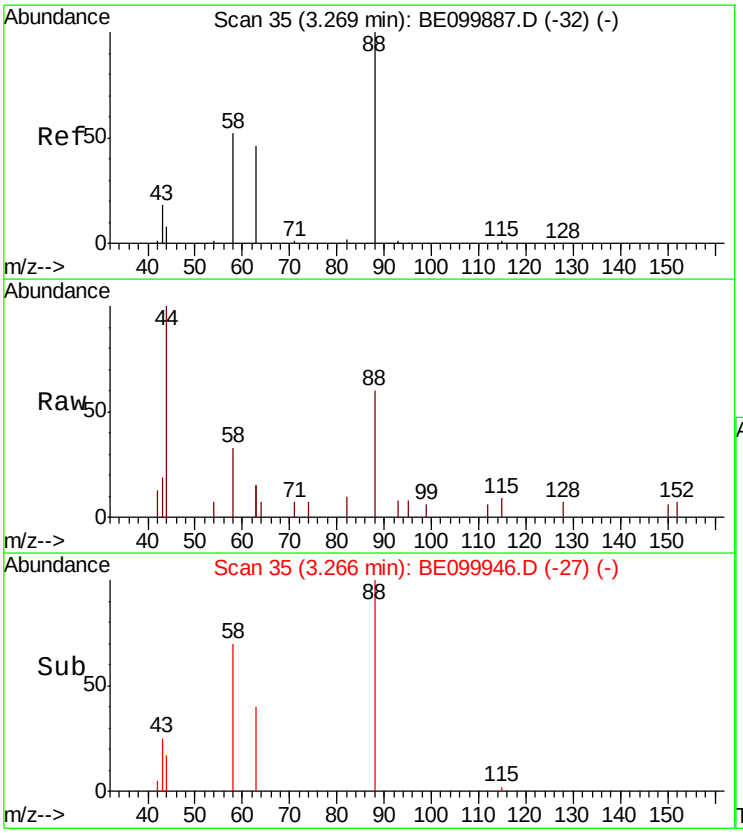
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 840

Ion	Ratio	Lower	Upper
152	100		
150	141.2	111.0	166.6
115	63.8	50.7	76.1

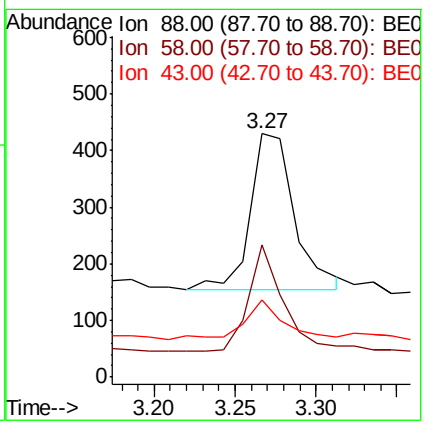


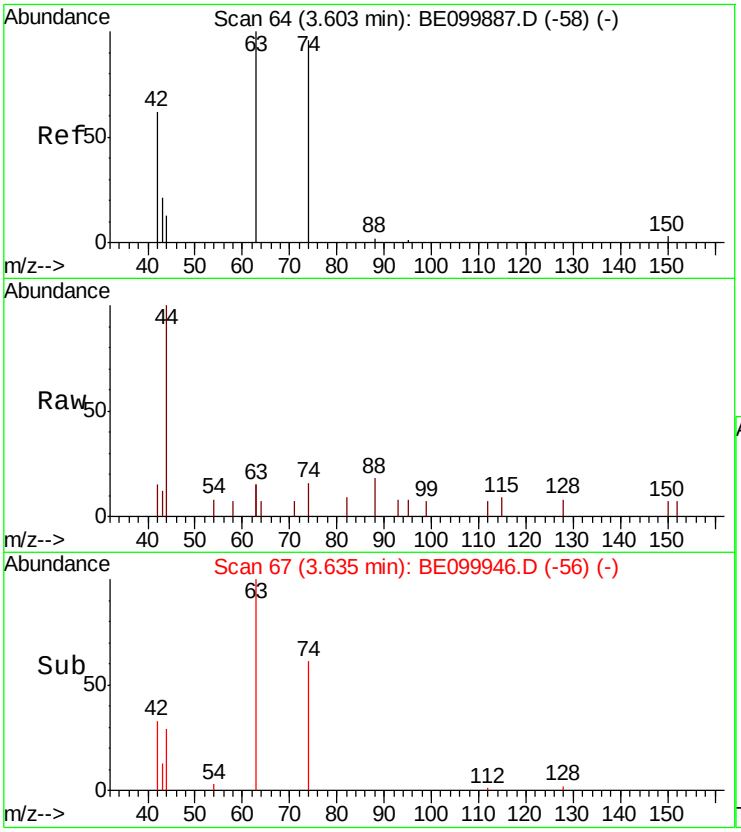


#2
1,4-Dioxane
Concen: 0.422 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion: 88 Resp: 525

Ion	Ratio	Lower	Upper
88	100		
58	52.6	48.8	73.2
43	22.7	19.0	28.6



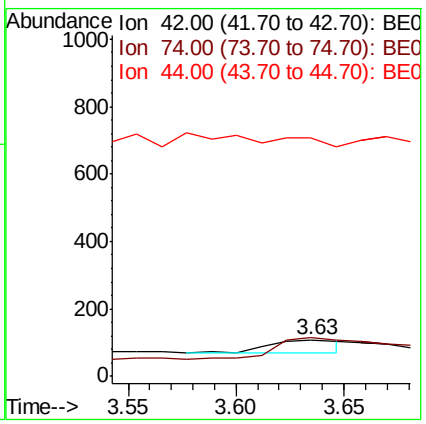


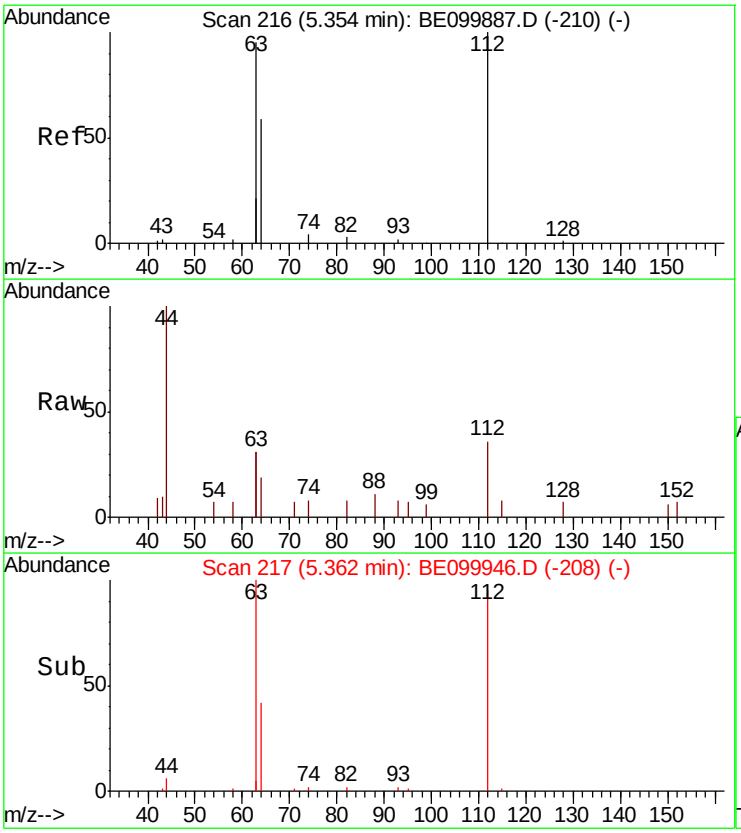
#3
n-Nitrosodimethylamine
Concen: 0.127 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 91

Ion	Ratio	Lower	Upper
42	100		
74	141.8	0.0	0.0#
44	0.0	0.0	0.0

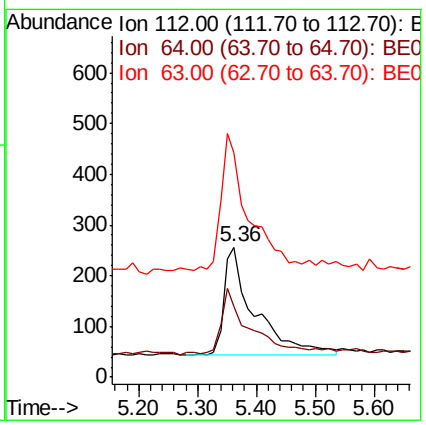


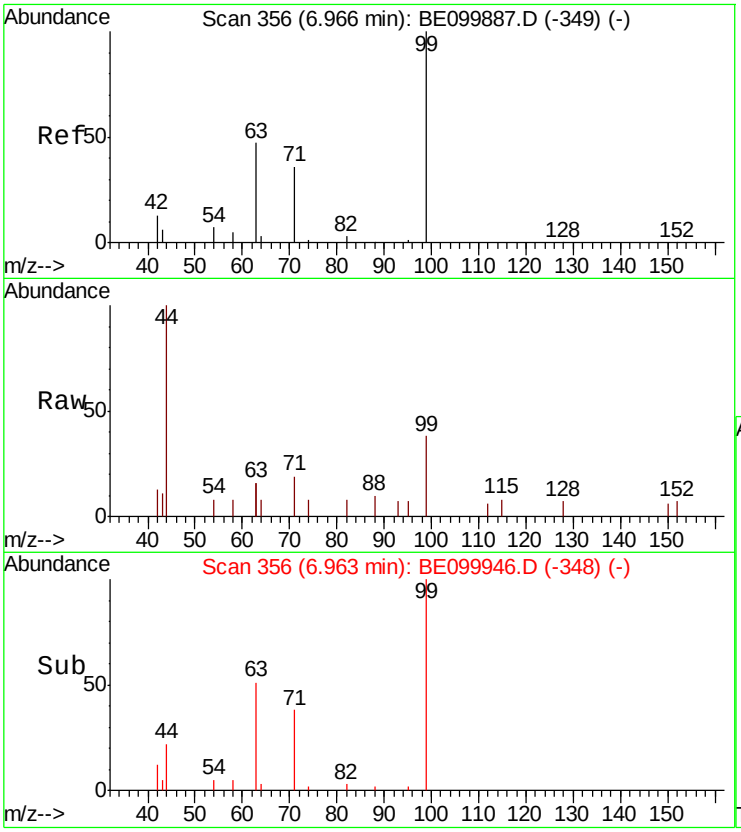


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:112 Resp: 763

Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	114.5	87.8	131.6



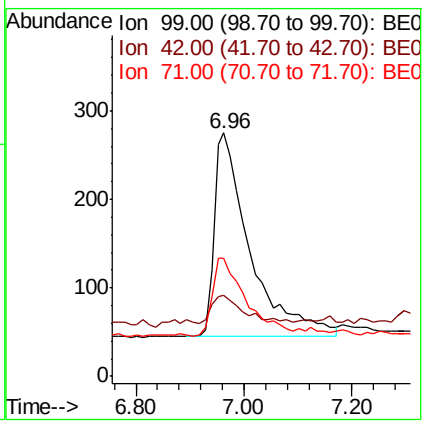


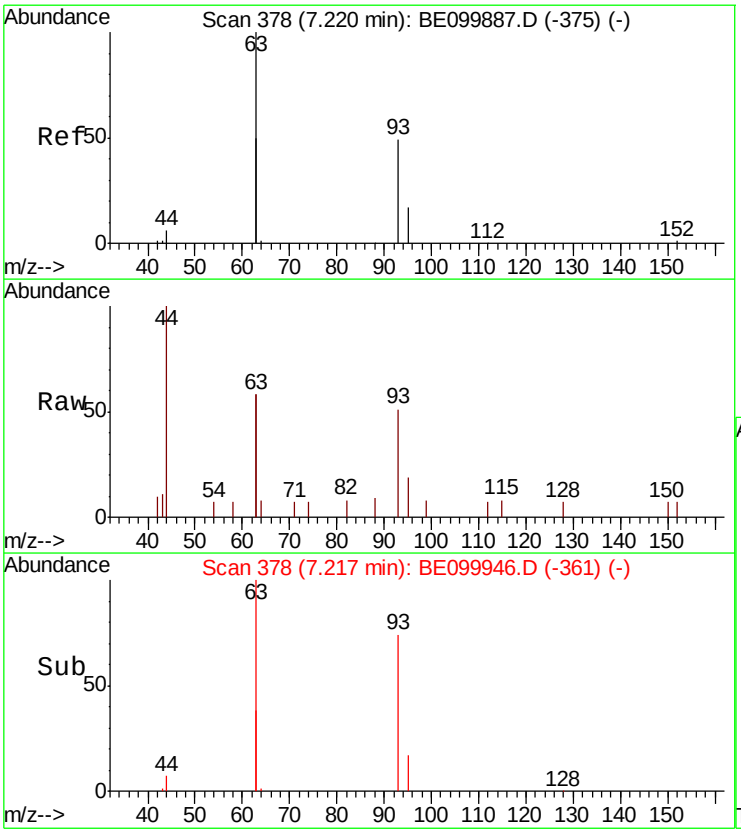
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1065

Ion	Ratio	Lower	Upper
99	100		
42	12.5	15.9	23.9#
71	36.8	34.6	52.0

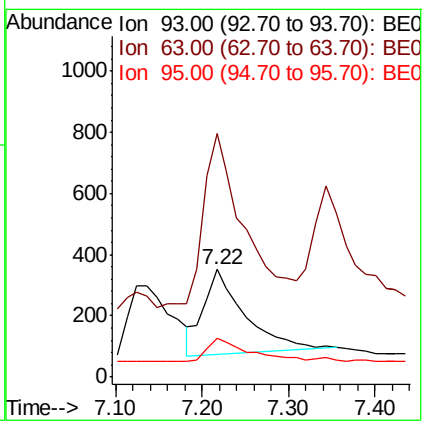


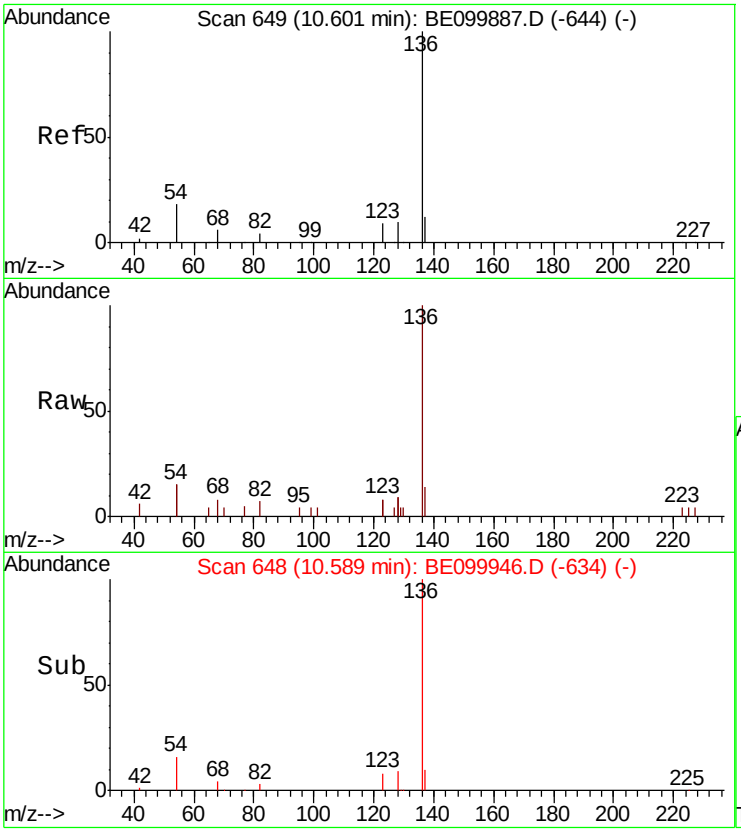


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion: 93 Resp: 914

Ion	Ratio	Lower	Upper
93	100		
63	197.8	202.8	304.2#
95	28.9	23.7	35.5



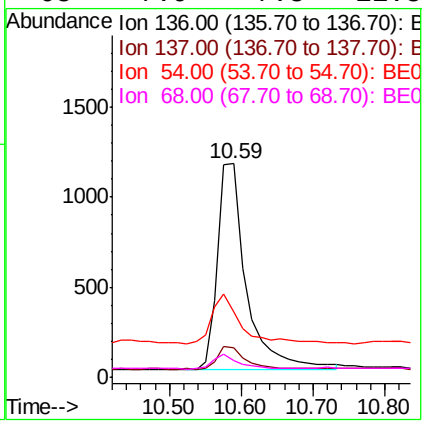


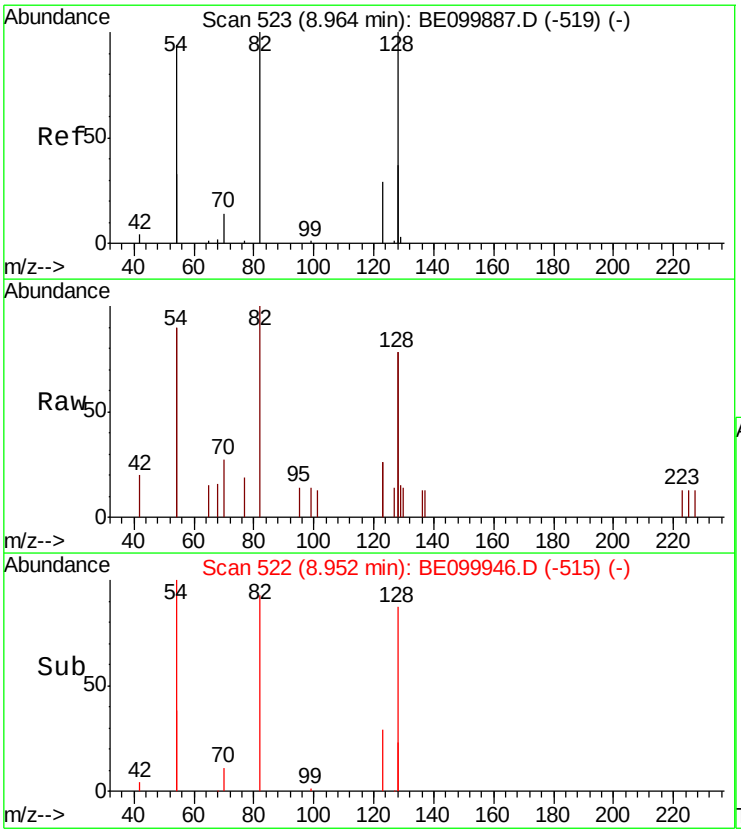
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3174

Ion	Ratio	Lower	Upper
136	100		
137	13.7	12.3	18.5
54	30.3	28.2	42.4
68	7.9	7.8	11.8

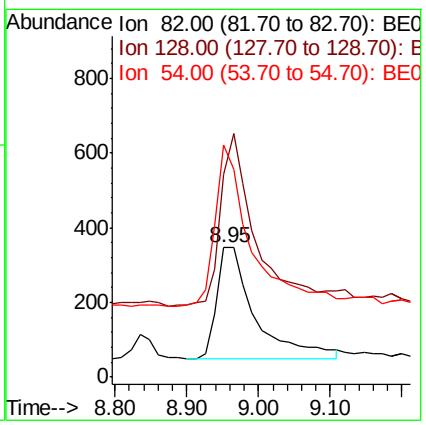


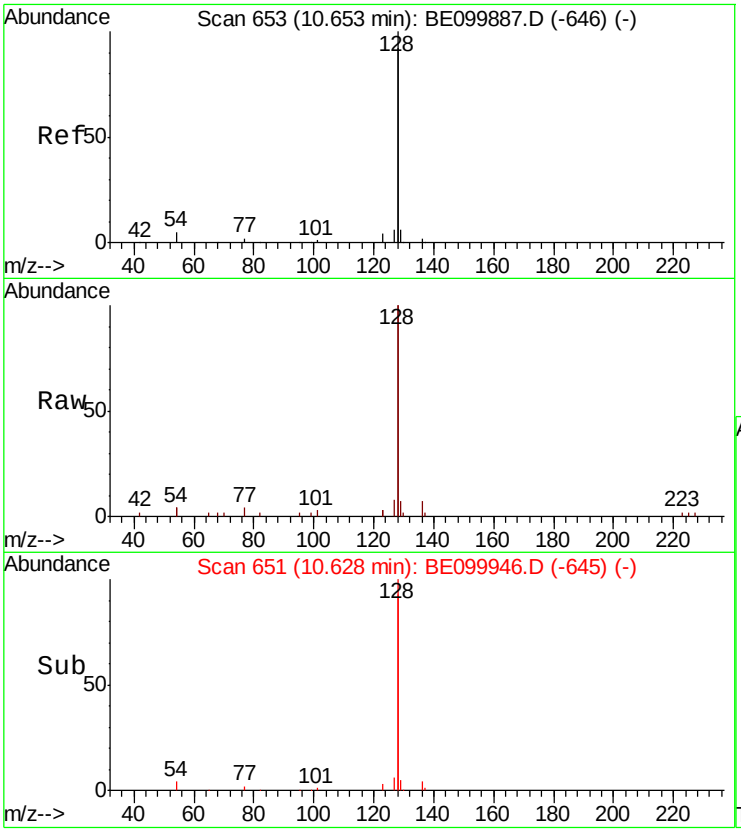


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion: 82 Resp: 1122

Ion	Ratio	Lower	Upper
82	100		
128	156.2	137.3	205.9
54	179.3	129.7	194.5



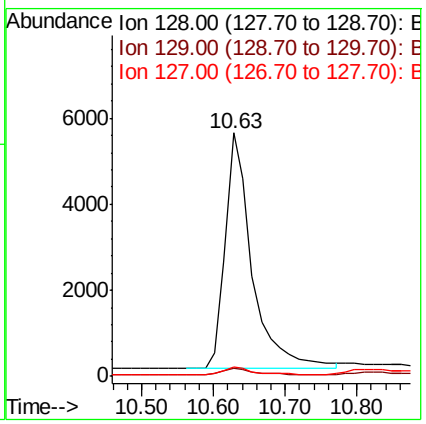


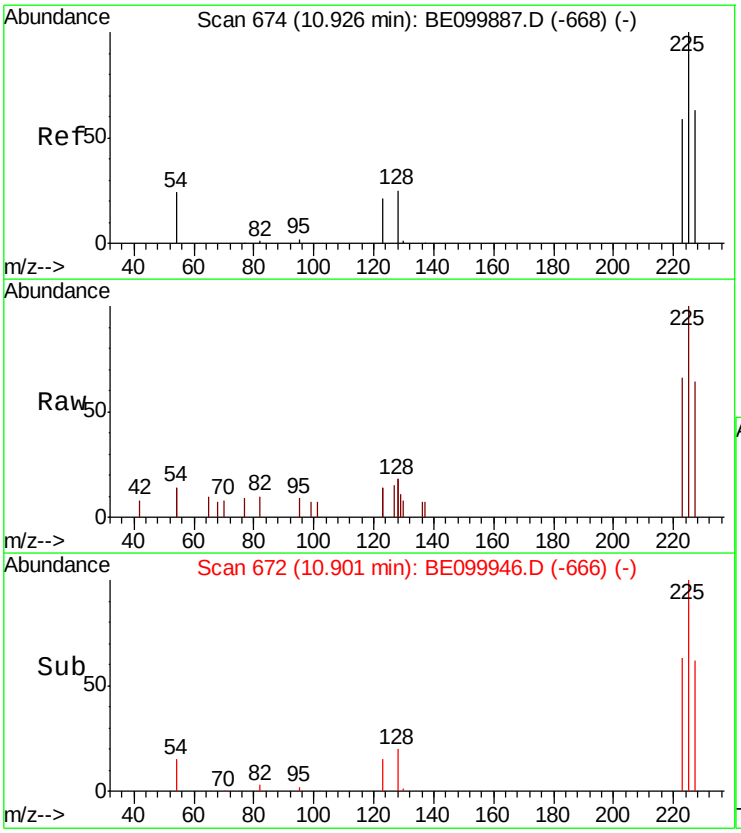
#9
Naphthalene
Concen: 0.410 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14061

Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	3.9	3.4	5.0

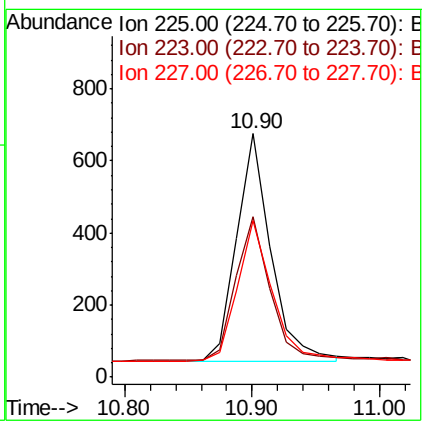


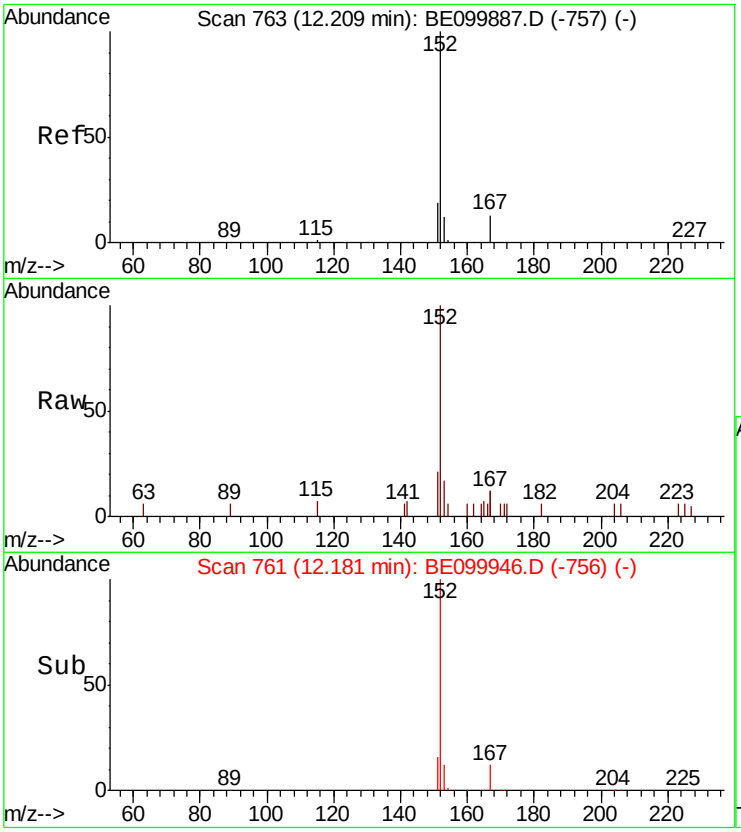


#10
Hexachlorobutadiene
Concen: 0.450 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:225 Resp: 1175

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.6	77.4
227	63.3	50.6	76.0



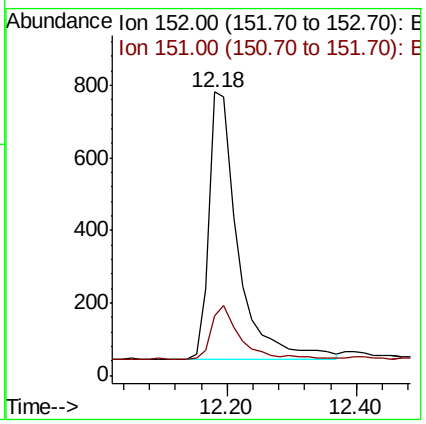


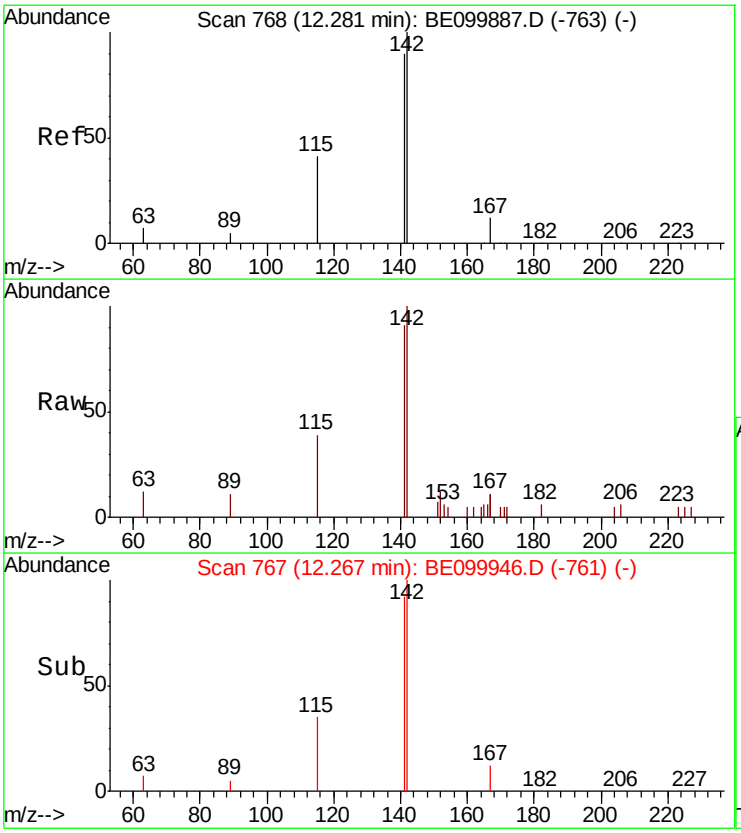
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2290

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8

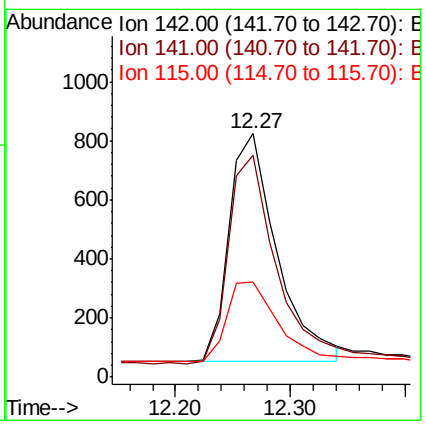


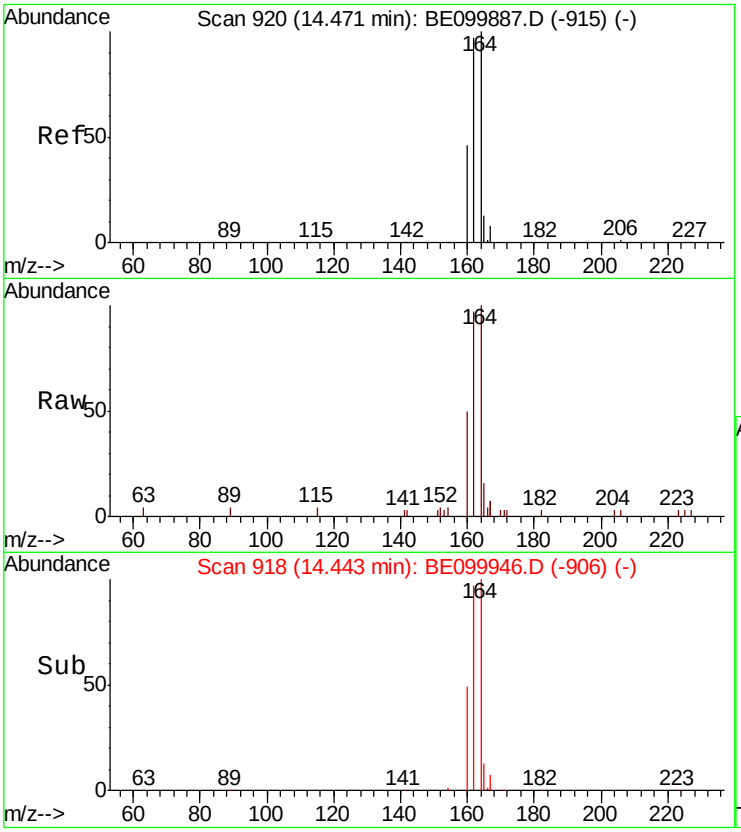


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:142 Resp: 2248

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
115	39.2	36.4	54.6



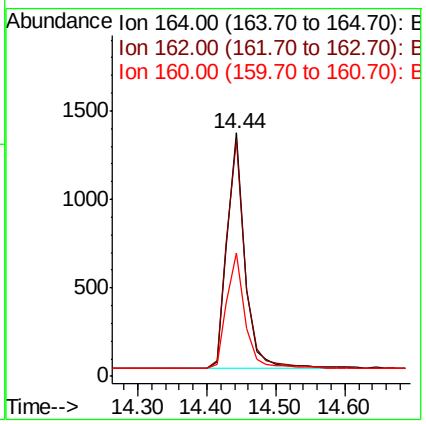


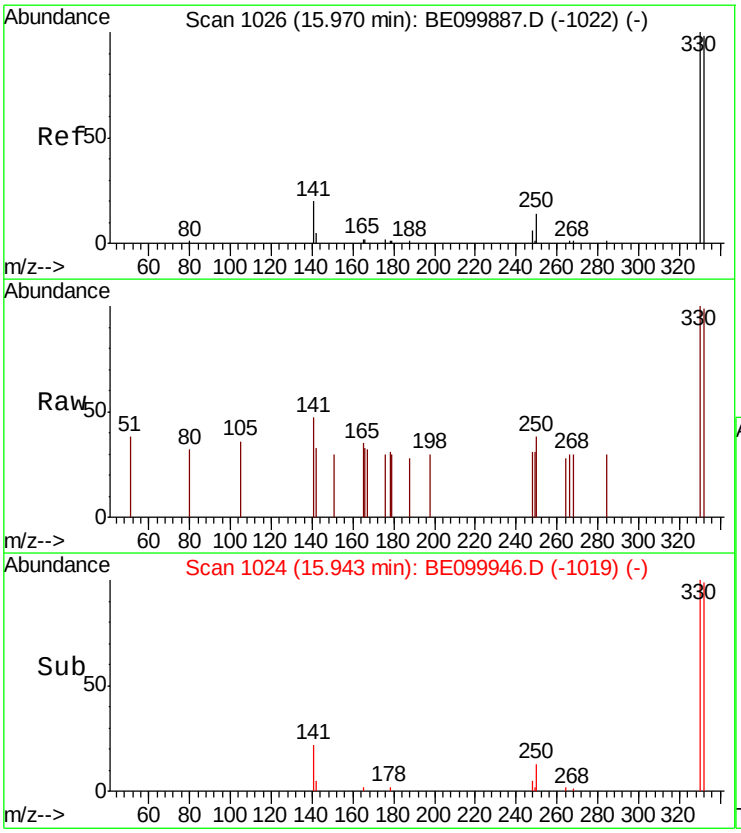
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2362

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.8	116.8
160	50.4	38.2	57.4

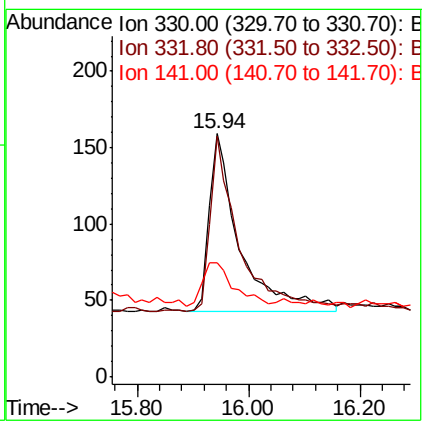


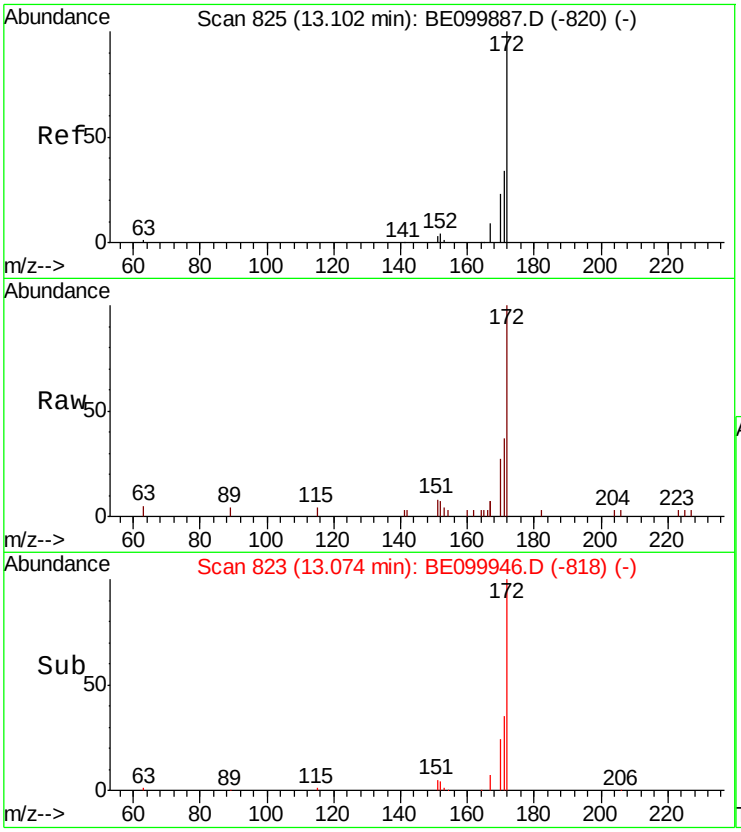


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:330 Resp: 443

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	26.2	21.0	31.6



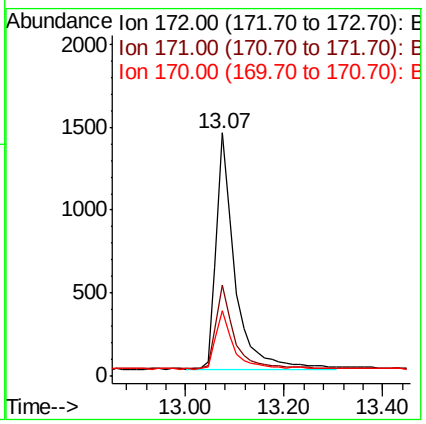


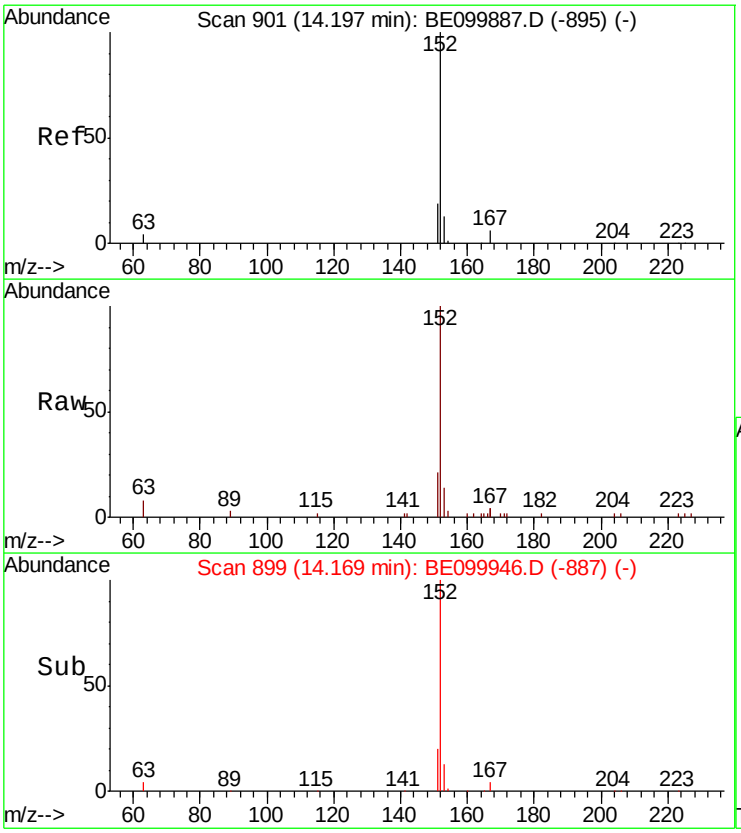
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3682

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	26.8	21.2	31.8

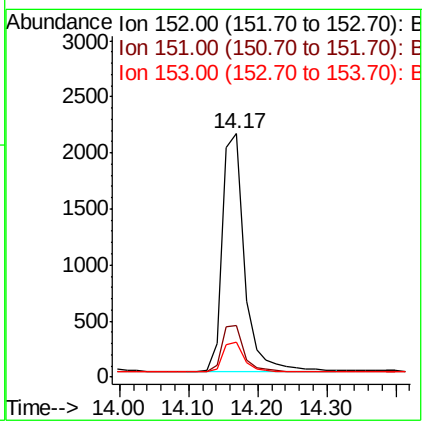


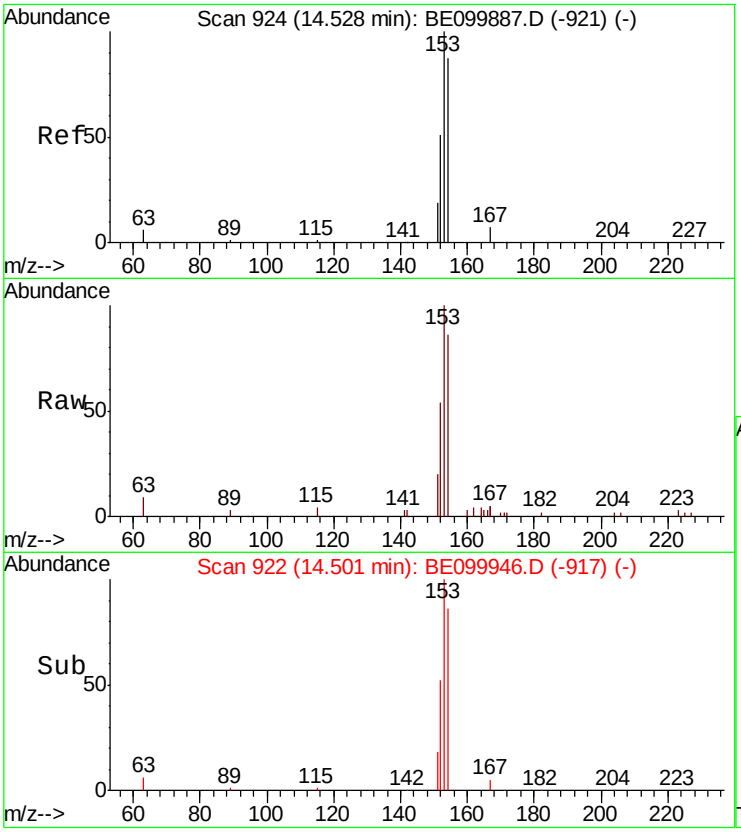


#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:152 Resp: 4757

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	12.5	10.2	15.2



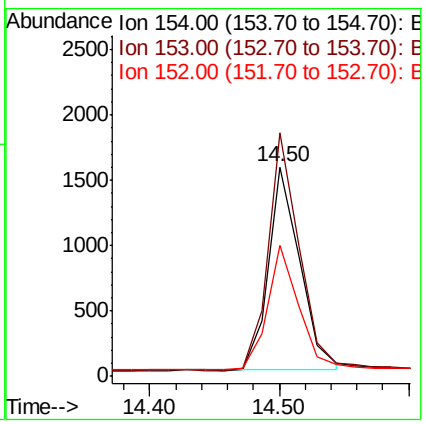


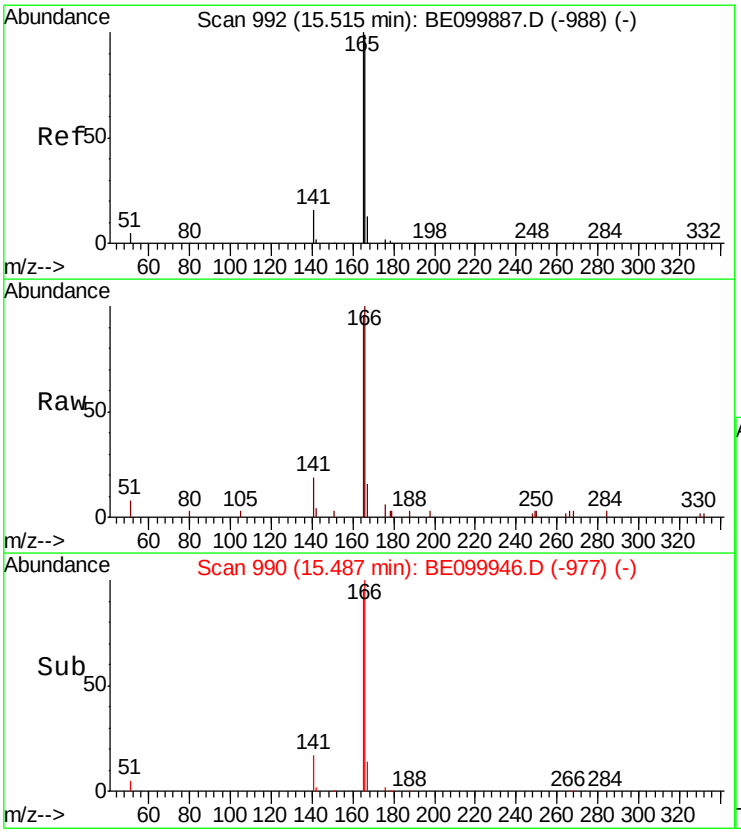
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2631

Ion	Ratio	Lower	Upper
154	100		
153	115.0	93.1	139.7
152	61.2	47.0	70.4

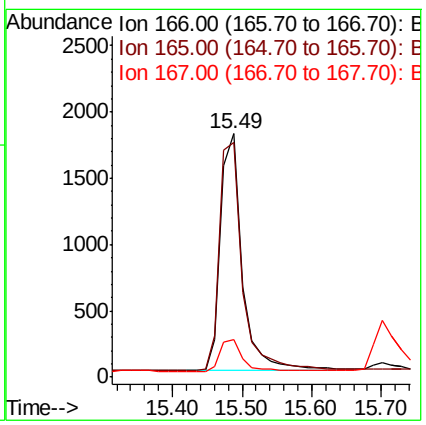


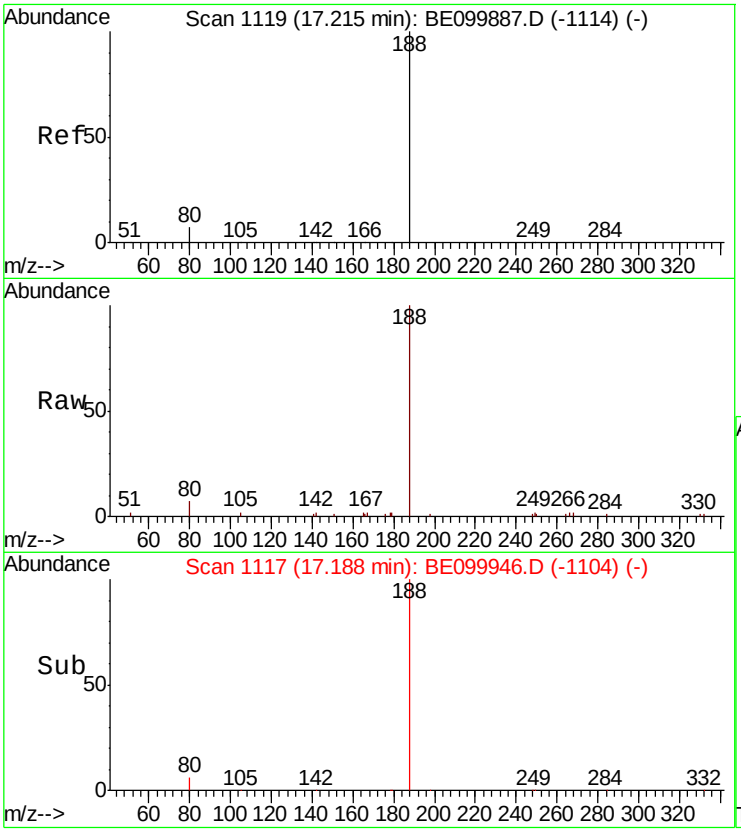


#18
Fluorene
Concen: 0.406 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:166 Resp: 3905

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.8	122.8
167	13.9	11.2	16.8



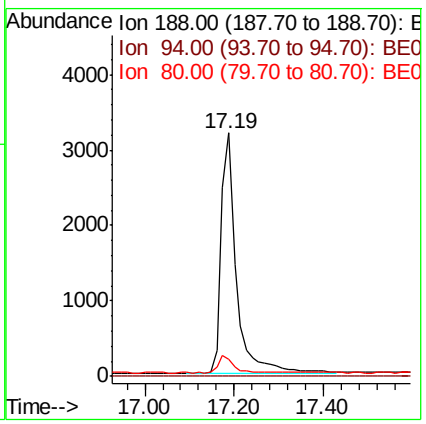


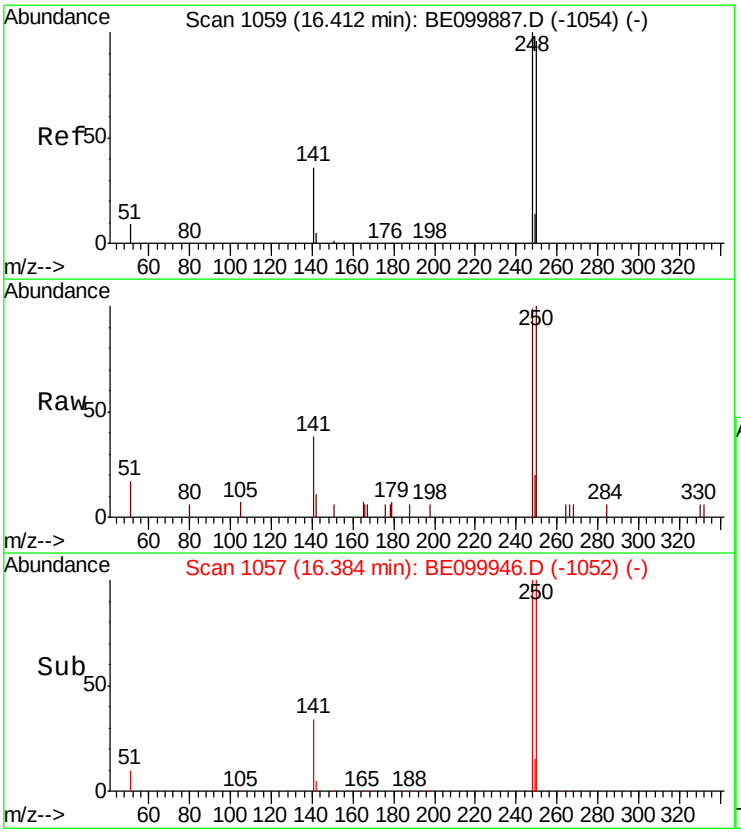
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 7491

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.4	9.6

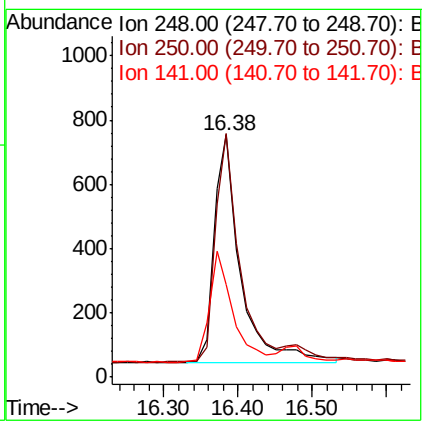


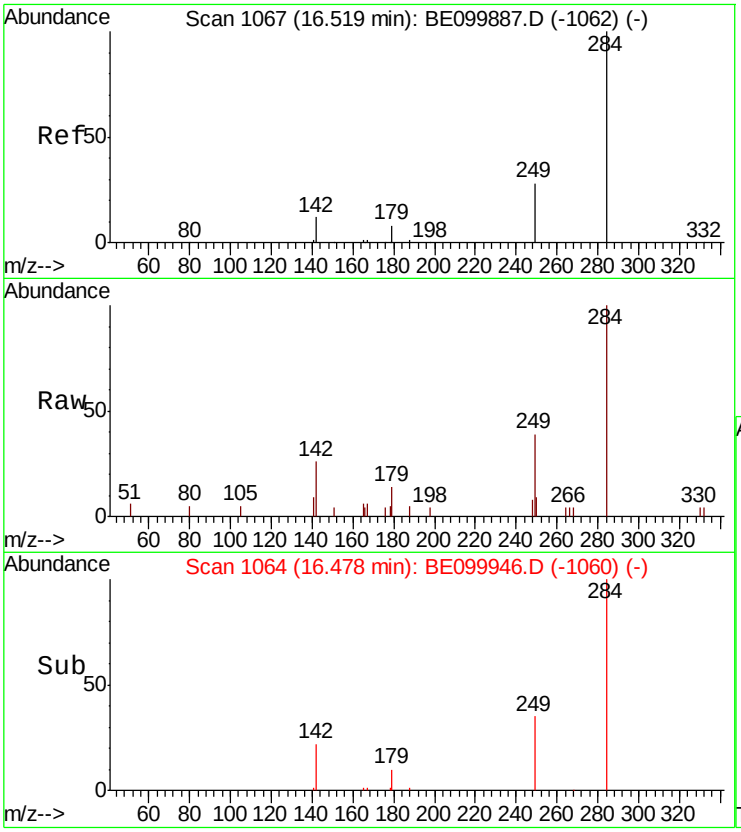


#20
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:248 Resp: 1761

Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.5	116.3
141	37.9	31.8	47.8



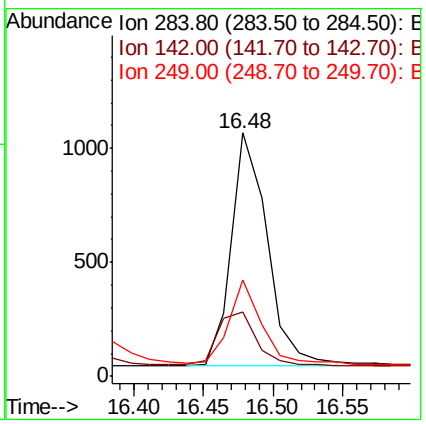


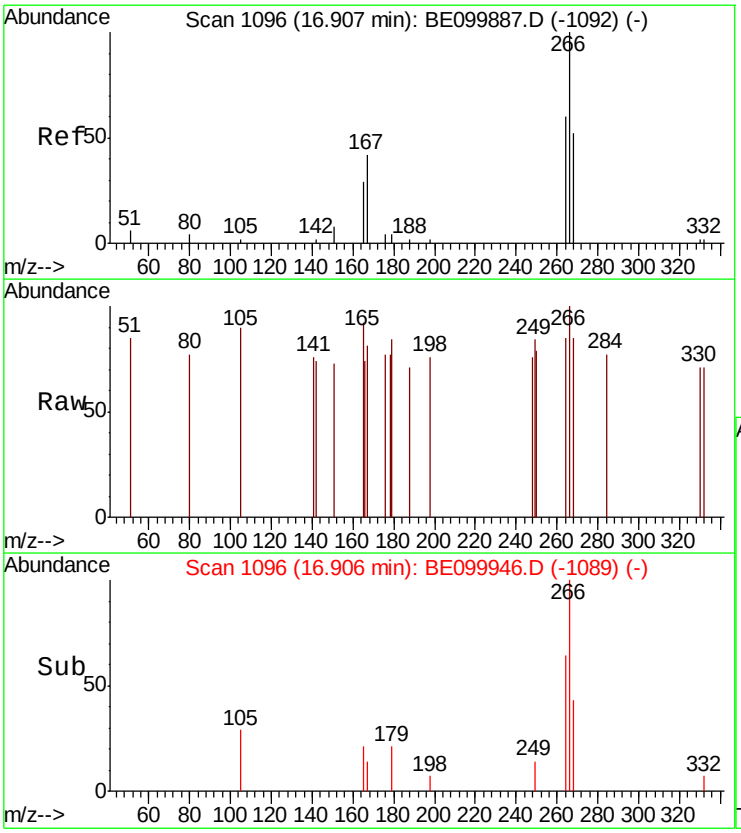
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1829

Ion	Ratio	Lower	Upper
284	100		
142	24.1	18.2	27.4
249	31.2	24.6	37.0

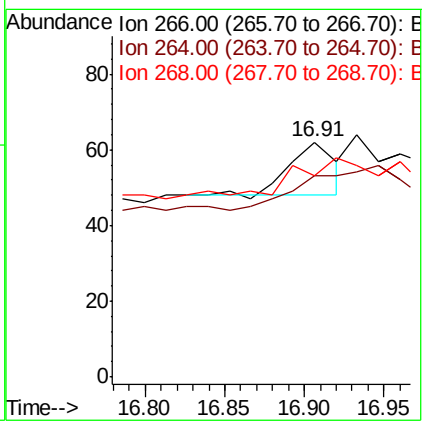


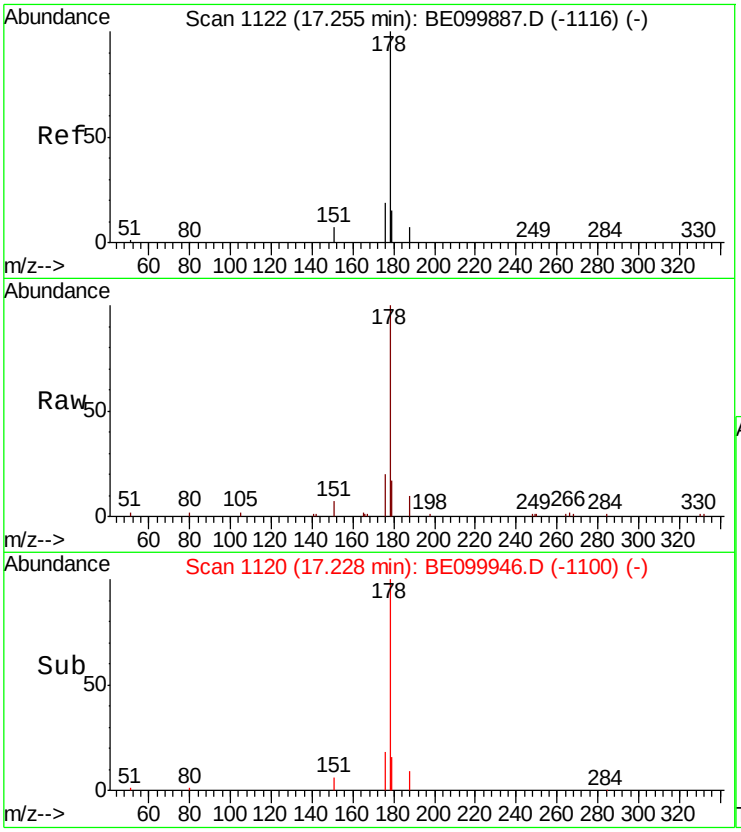


#22
Pentachlorophenol
Concen: 0.313 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	85.5	62.2	93.2
268	85.5	65.5	98.3



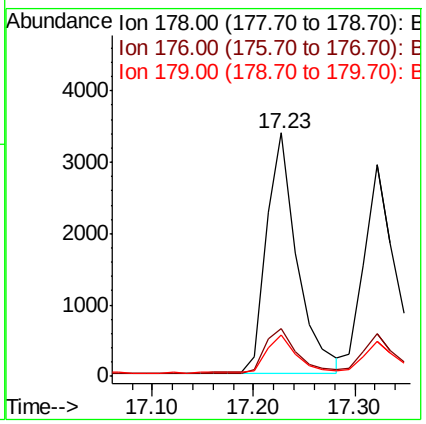


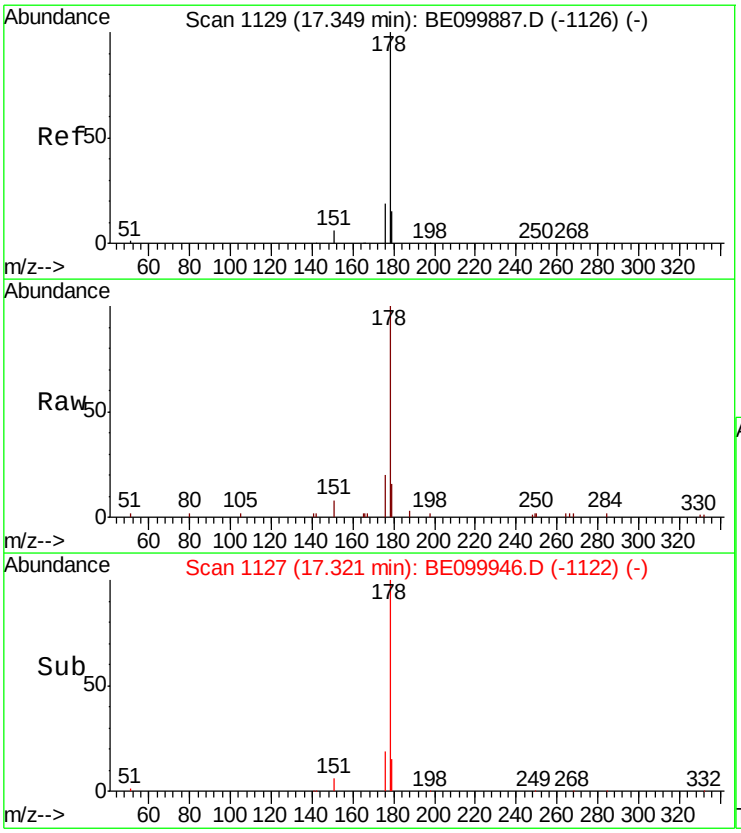
#23
Phenanthrene
Concen: 0.388 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7052

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.4	18.6

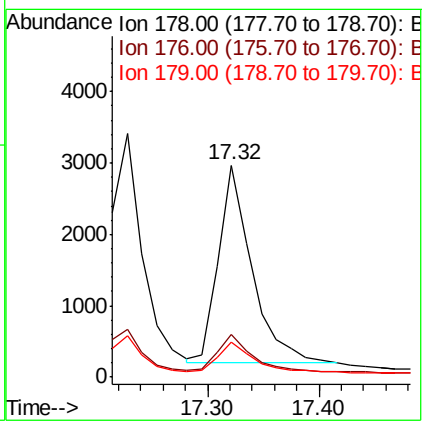


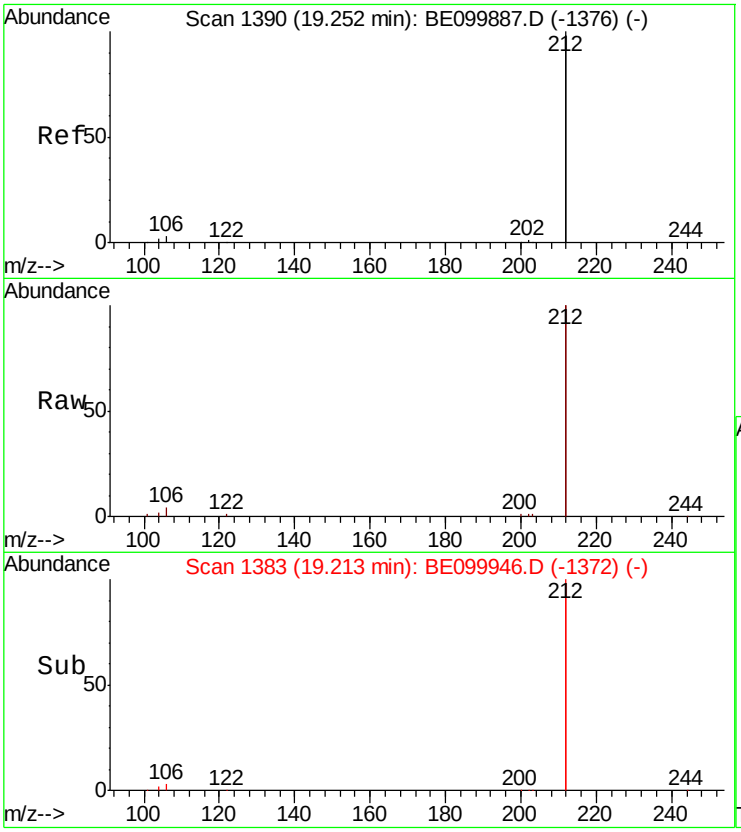


#24
Anthracene
Concen: 0.350 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:178 Resp: 5841

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.2	12.3	18.5



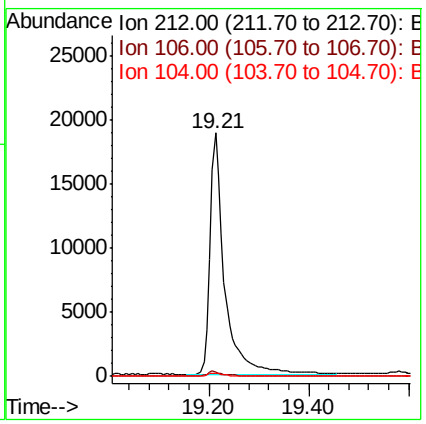


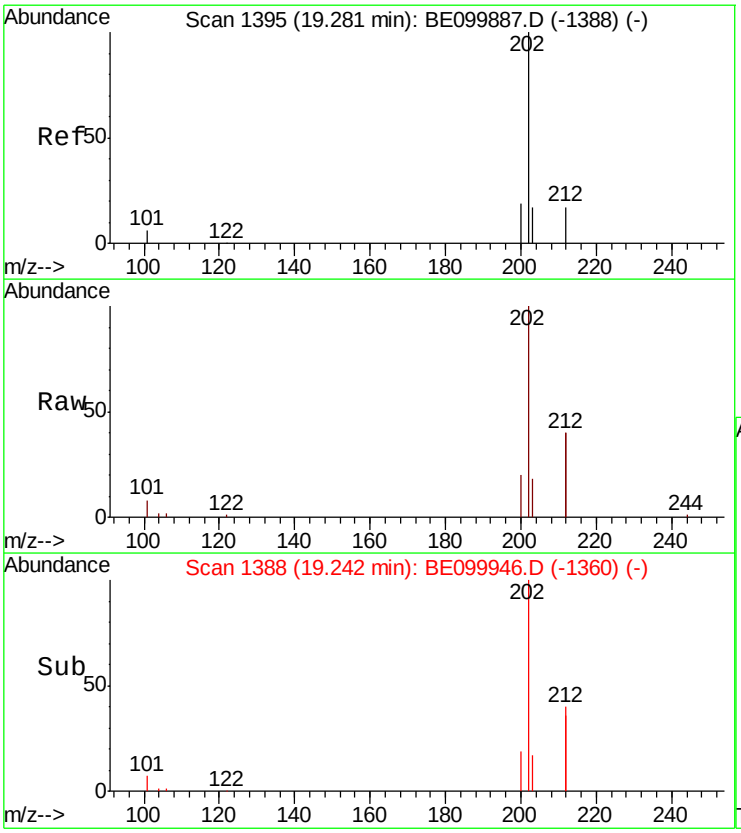
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 38004

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

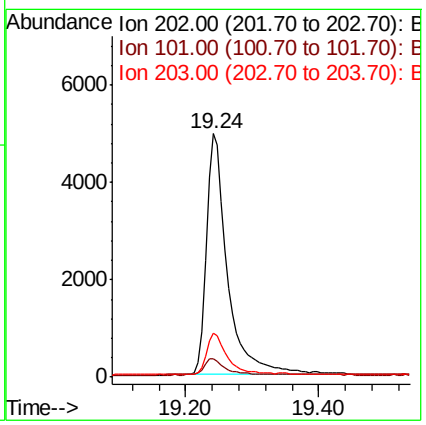


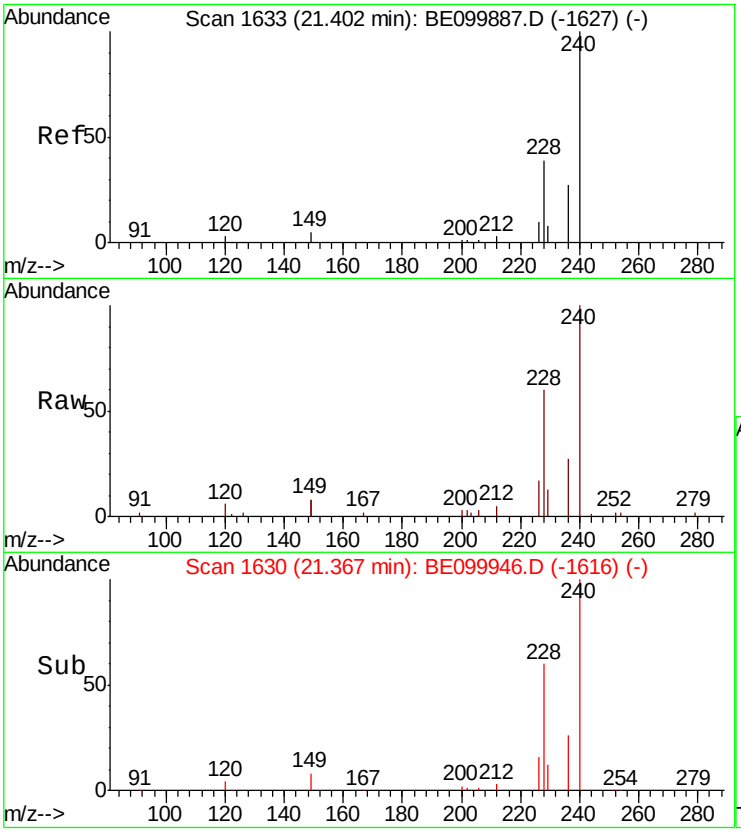


#26
Fluoranthene
Concen: 0.352 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:202 Resp: 10863

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.0
203	16.7	13.2	19.8



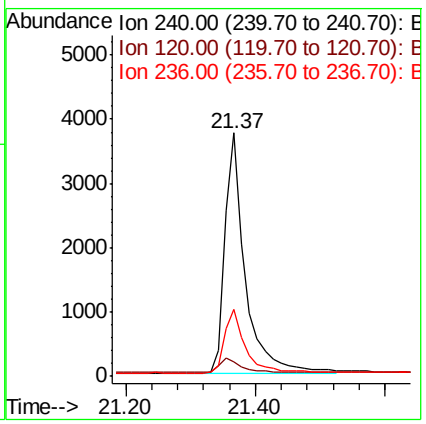


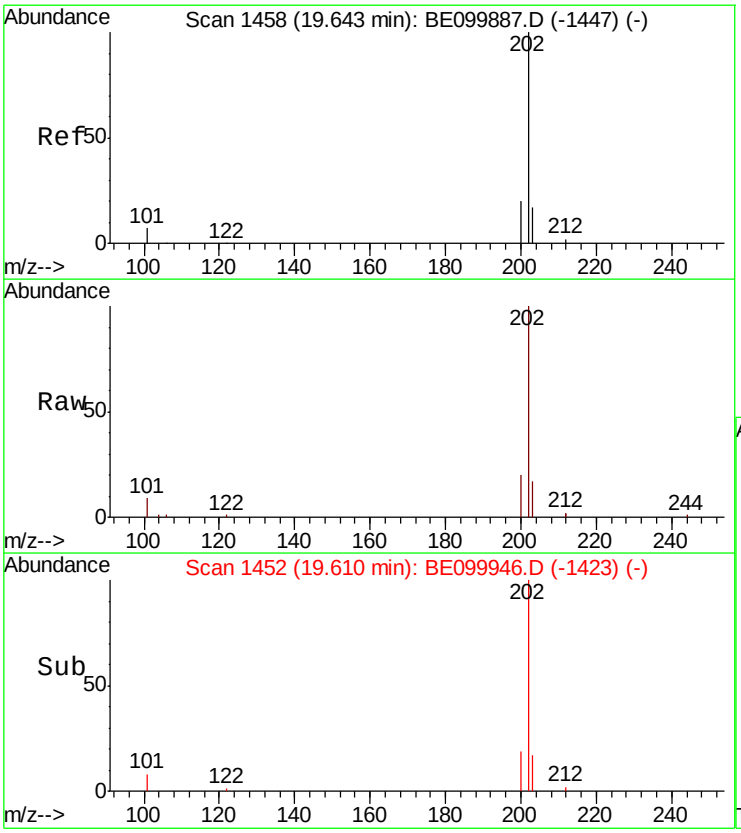
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8231

Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.8	5.6#
236	27.3	22.0	33.0

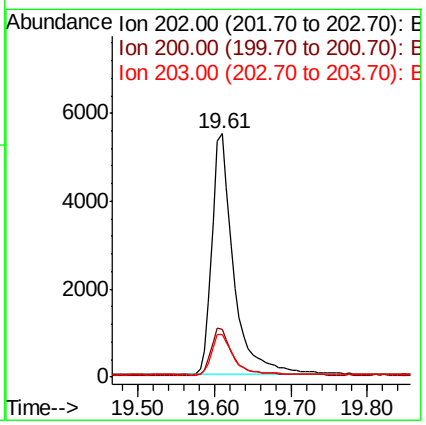


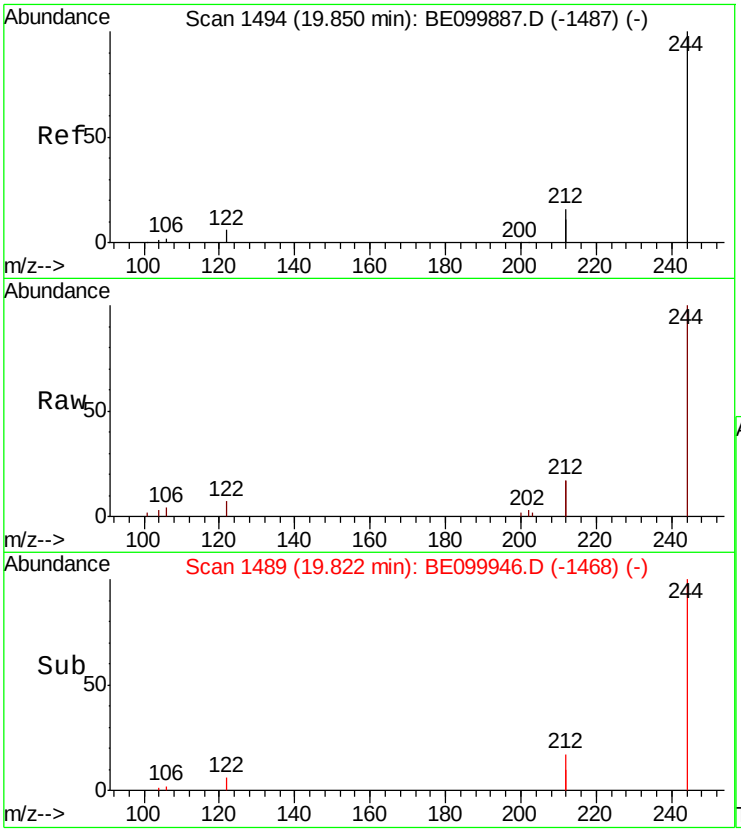


#28
Pyrene
Concen: 0.501 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:202 Resp: 10834

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.4	14.0	21.0



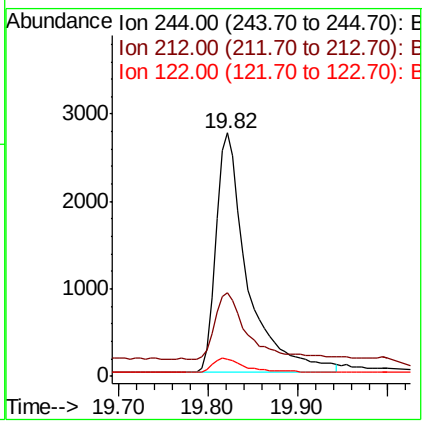


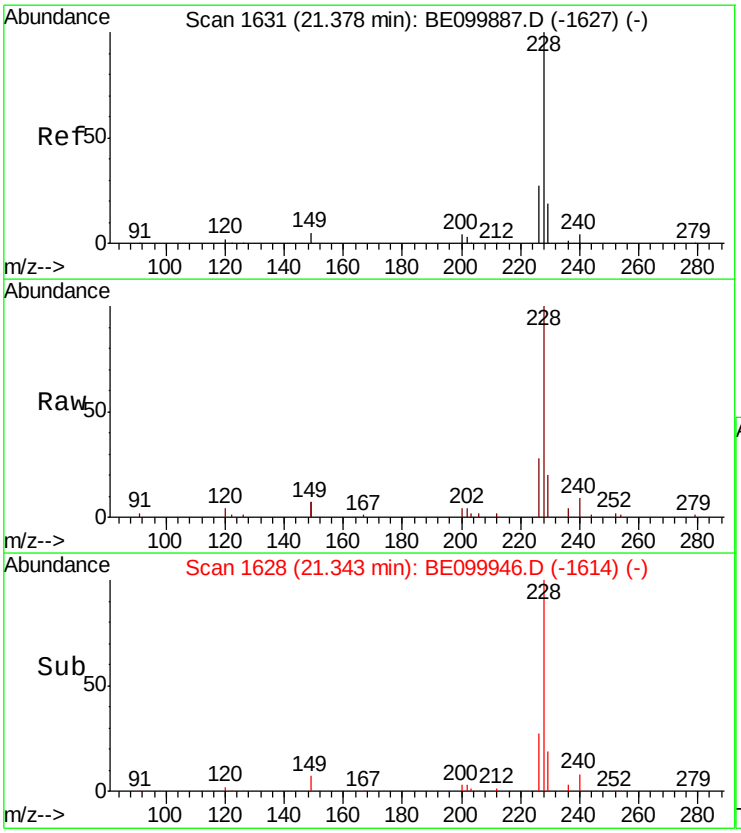
#29
Terphenyl-d14
Concen: 0.448 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.03 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6641

Ion	Ratio	Lower	Upper
244	100		
212	34.4	25.7	38.5
122	7.3	5.5	8.3

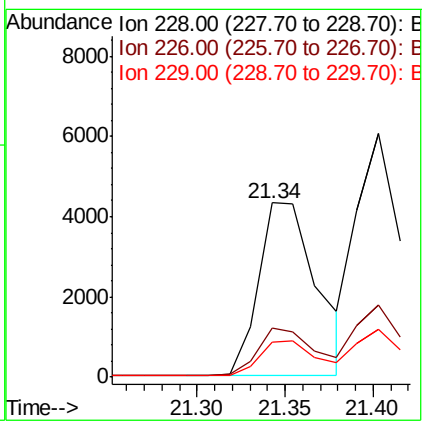


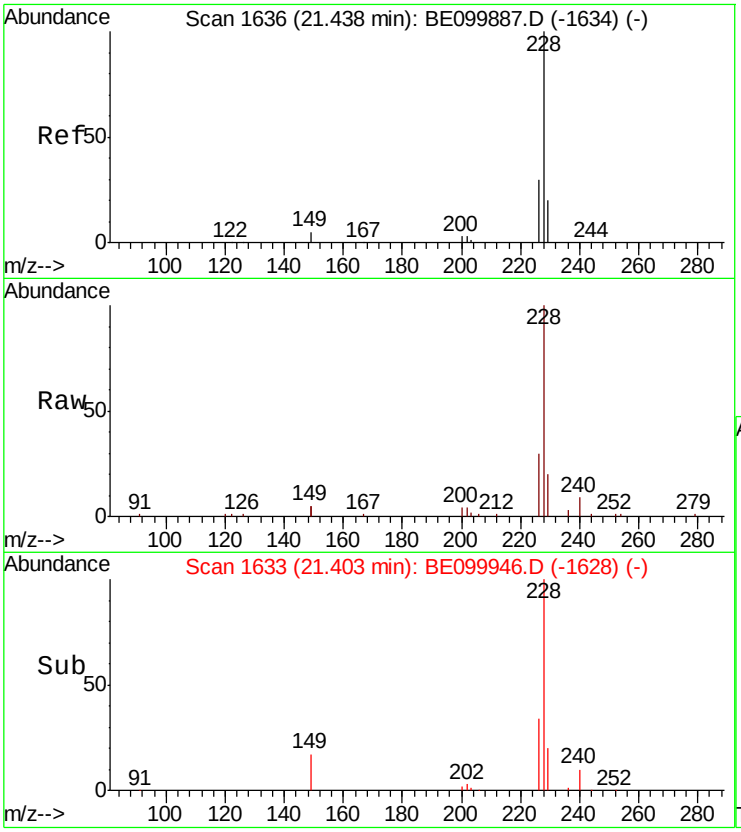


#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:228 Resp: 9919

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.7	15.9	23.9



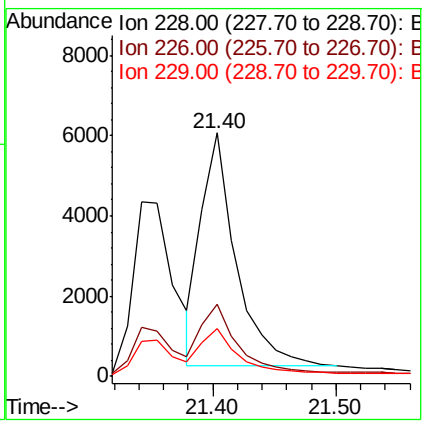


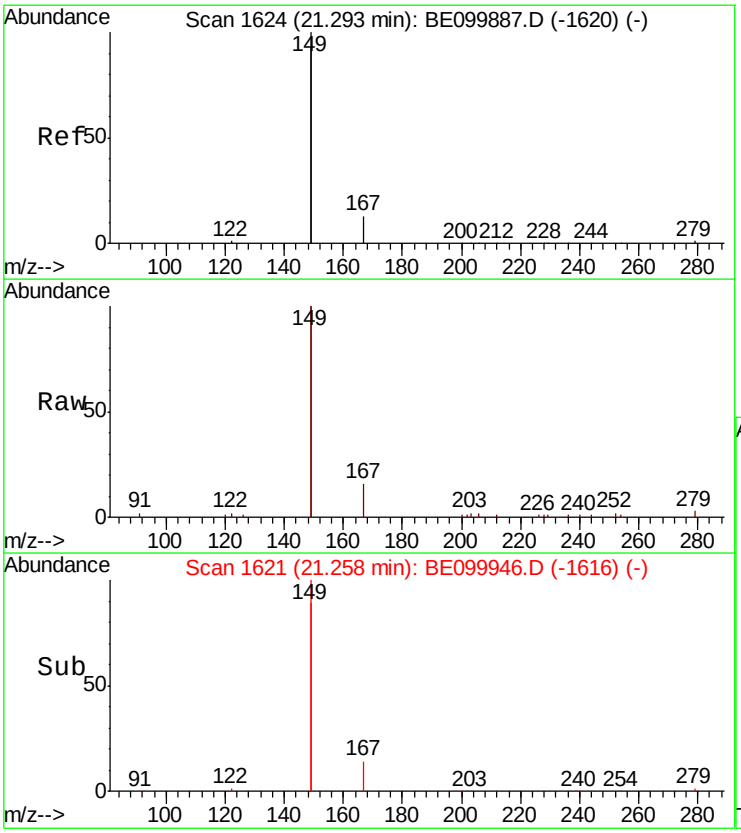
#31
Chrysene
Concen: 0.452 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11492

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.9	16.1	24.1

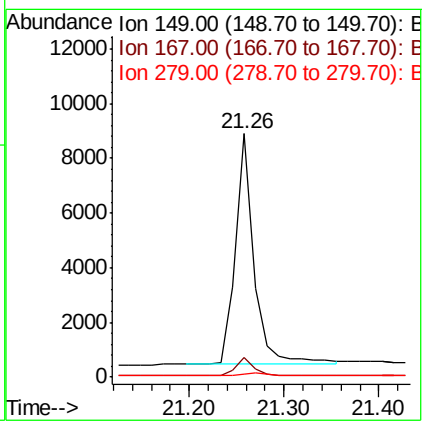


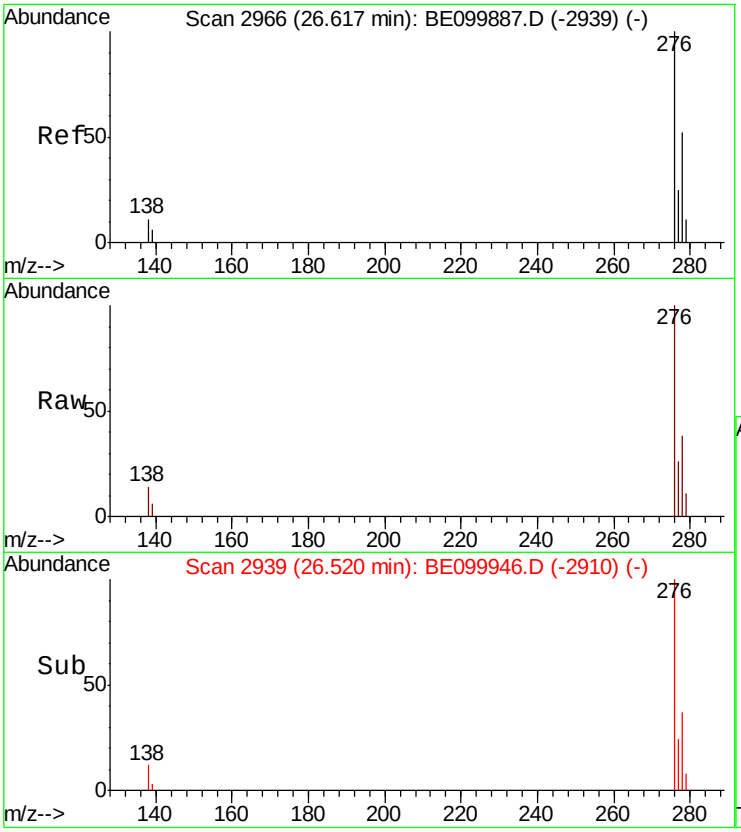


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.325 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.04 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:149 Resp: 11483

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.3	1.2	1.8



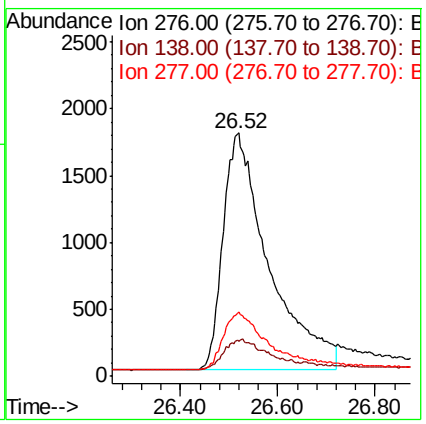


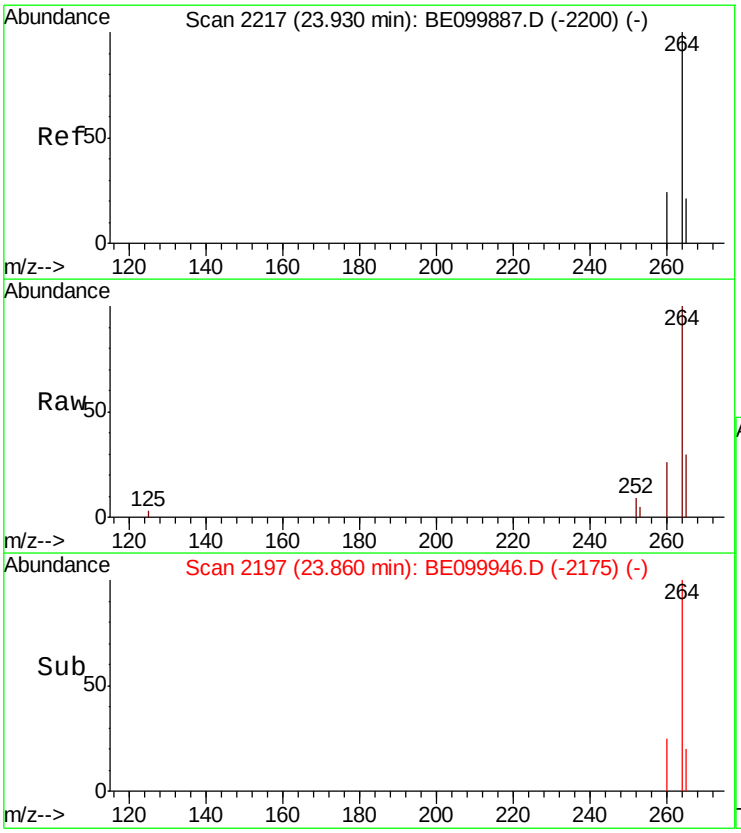
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.10 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11621

Ion	Ratio	Lower	Upper
276	100		
138	8.5	10.1	15.1#
277	23.1	19.1	28.7

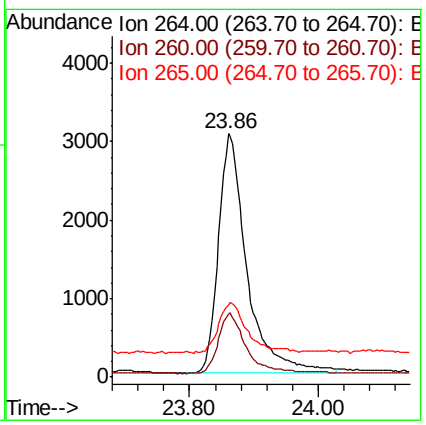


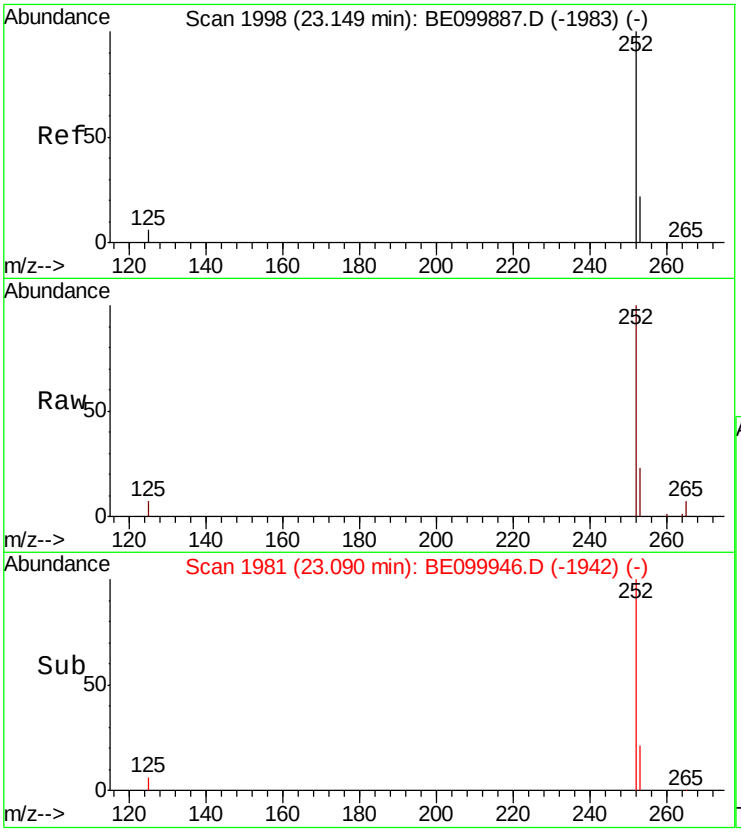


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.07 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:264 Resp: 9335

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	29.7	22.0	33.0



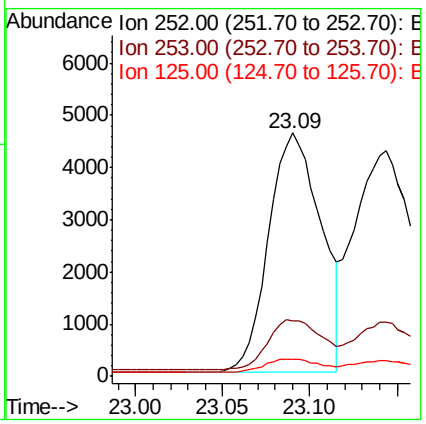


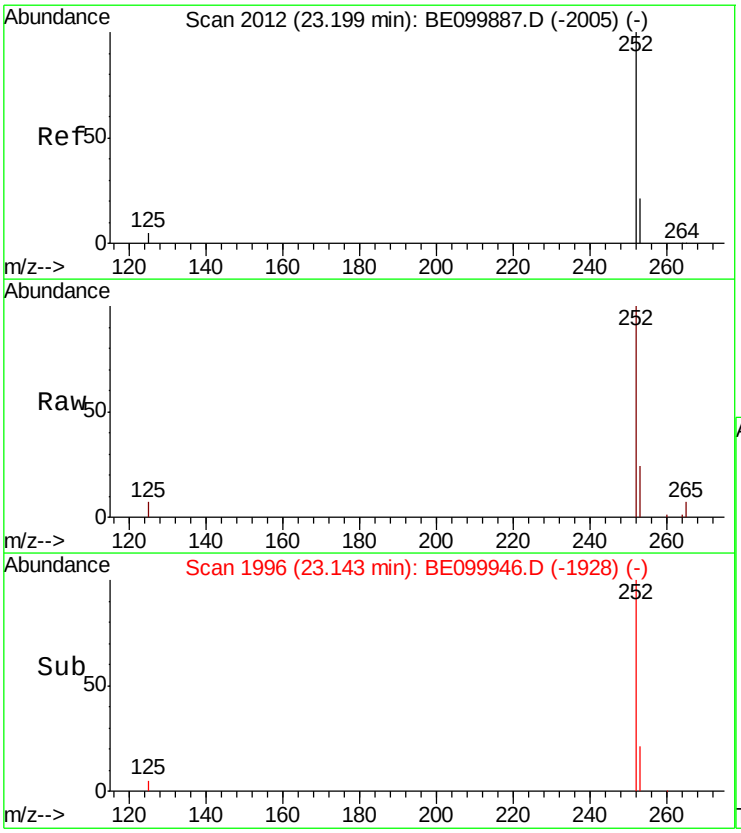
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9571

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	7.1	5.7	8.5

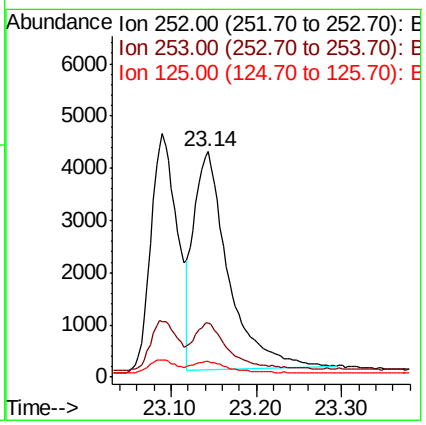


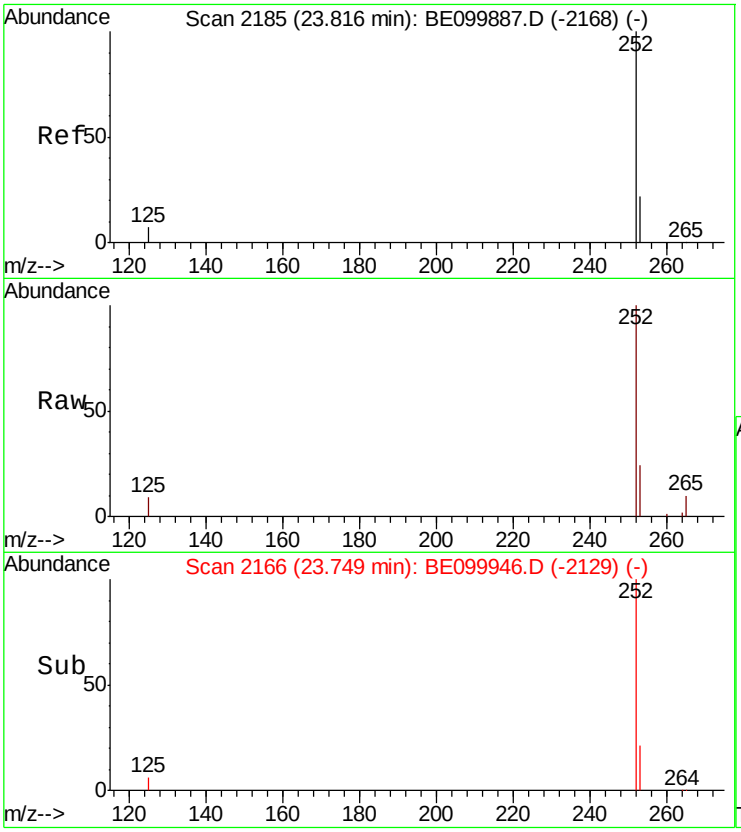


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:252 Resp: 11788

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	6.9	5.4	8.0



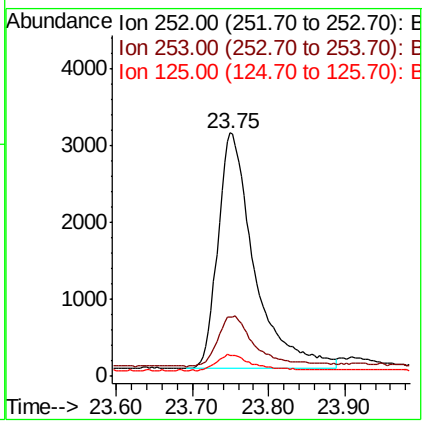


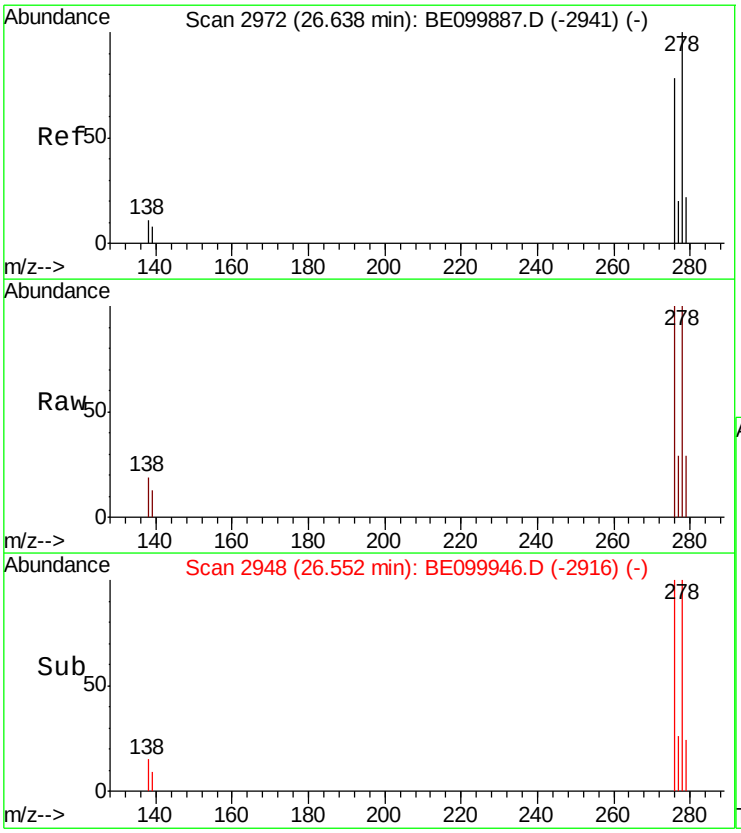
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.07 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10171

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.6	29.4
125	8.5	6.6	10.0

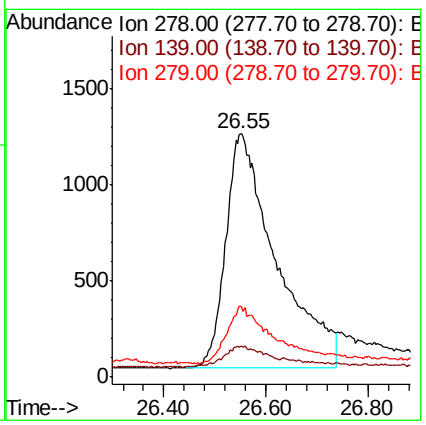


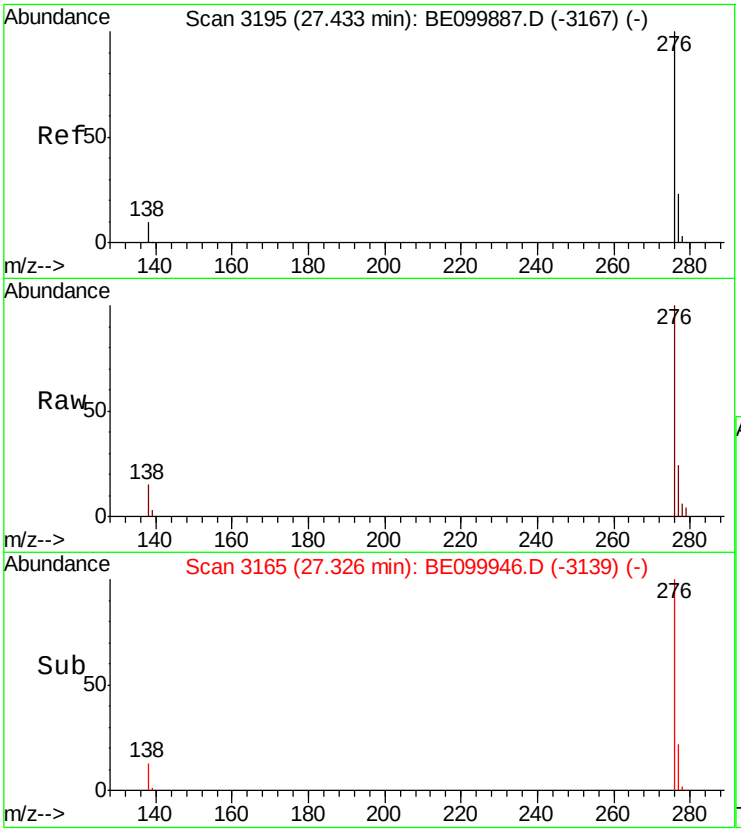


#38
Dibenzo(a,h)anthracene
Concen: 0.322 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.09 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Tgt Ion:278 Resp: 8362

Ion	Ratio	Lower	Upper
278	100		
139	13.0	7.8	11.8#
279	29.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.11 min
Lab File: BE099946.D
Acq: 12 Jun 2019 8:32

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10315

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	15.0	9.5	14.3#