Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099960.D
Acq On : 12 Jun 2019 17:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 13 04:09:59 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	7.79	152	817	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2938	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2159	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6306	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8213	0.40	ng		0.00
34) Perylene-d12	23.93	264	9192	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	772	0.35	ng		0.01
5) Phenol-d6	6.97	99	967	0.34	ng		0.00
8) Nitrobenzene-d5	8.96	82	1054	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2115	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	418	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	3414	0.42	ng		0.00
25) Fluoranthene-d10	19.25	212	34496	0.38	ng		0.00
29) Terphenyl-d14	19.86	244	6459	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	440	0.364	ng	#	94
3) n-Nitrosodimethylamine	3.65	42	103	0.148	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	896	0.386	ng	#	74
9) Naphthalene	10.65	128	13246	0.418	ng		99
10) Hexachlorobutadiene	10.91	225	1141	0.472	ng		97
12) 2-Methylnaphthalene	12.28	142	2029	0.394	ng		99
16) Acenaphthylene	14.18	152	4270	0.398	ng		98
17) Acenaphthene	14.53	154	2303	0.394	ng		98
18) Fluorene	15.51	166	3411	0.388	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	1542	0.432	ng		98
21) Hexachlorobenzene	16.52	284	1542	0.422	ng		96
22) Pentachlorophenol	16.91	266	252	0.443	ng		98
23) Phenanthrene	17.26	178	6134	0.401	ng		99
24) Anthracene	17.35	178	4995	0.356	ng		97
26) Fluoranthene	19.28	202	9898	0.381	ng		99
28) Pyrene	19.64	202	10154	0.471	ng		100
30) Benzo(a)anthracene	21.39	228	10092	0.411	ng		98
31) Chrysene	21.44	228	11777	0.464	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	12516	0.355	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	12085	0.402	ng		98
35) Benzo(b)fluoranthene	23.15	252	10275	0.399	ng		98
36) Benzo(k)fluoranthene	23.20	252	11468	0.426	ng		99
37) Benzo(a)pyrene	23.82	252	10302	0.406	ng		98
38) Dibenzo(a,h)anthracene	26.65	278	9208	0.360	ng	#	96
39) Benzo(g,h,i)perylene	27.43	276	10861	0.411	ng		97

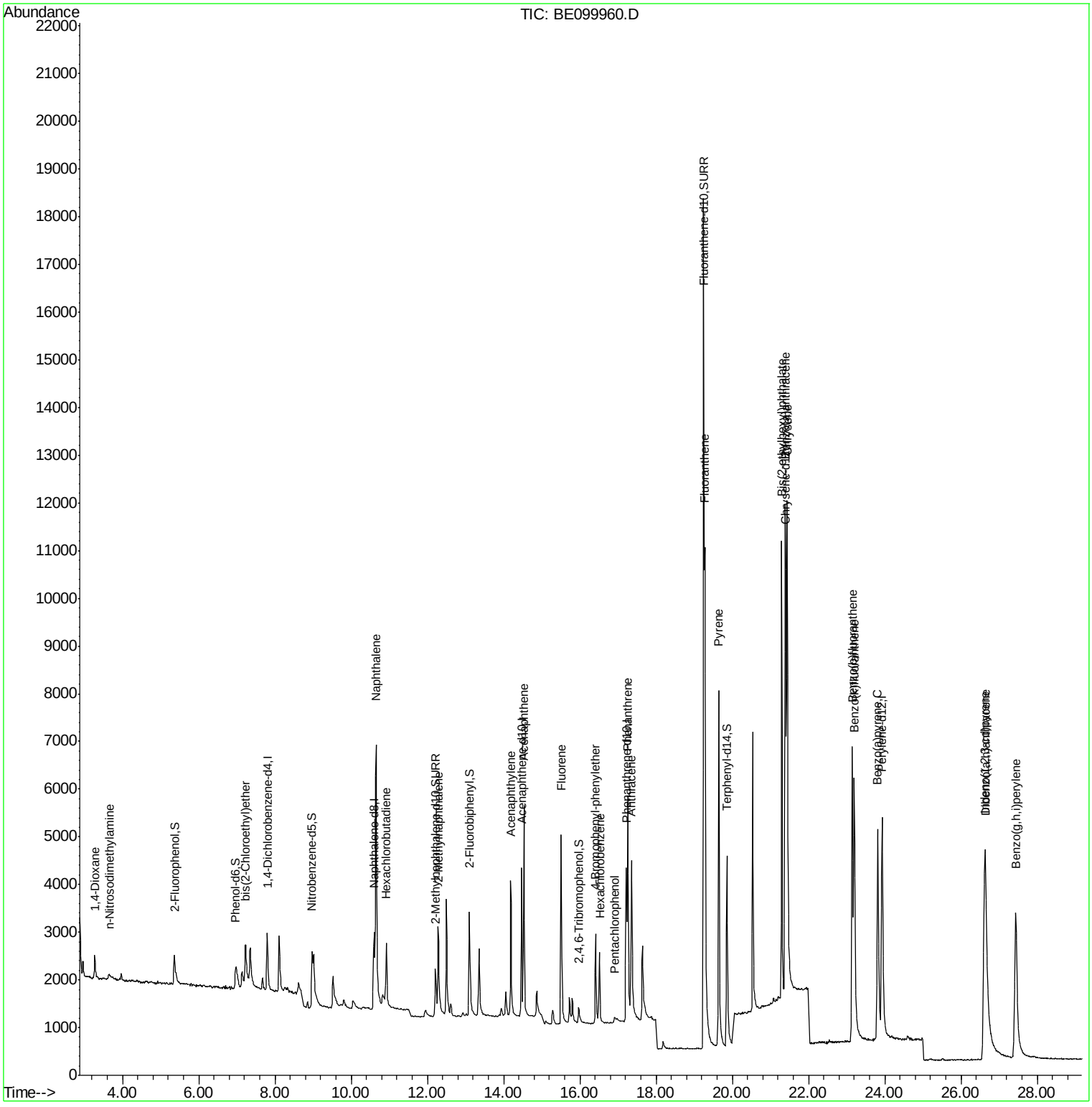
(#) = qualifier out of range (m) = manual integration (+) = signals summed

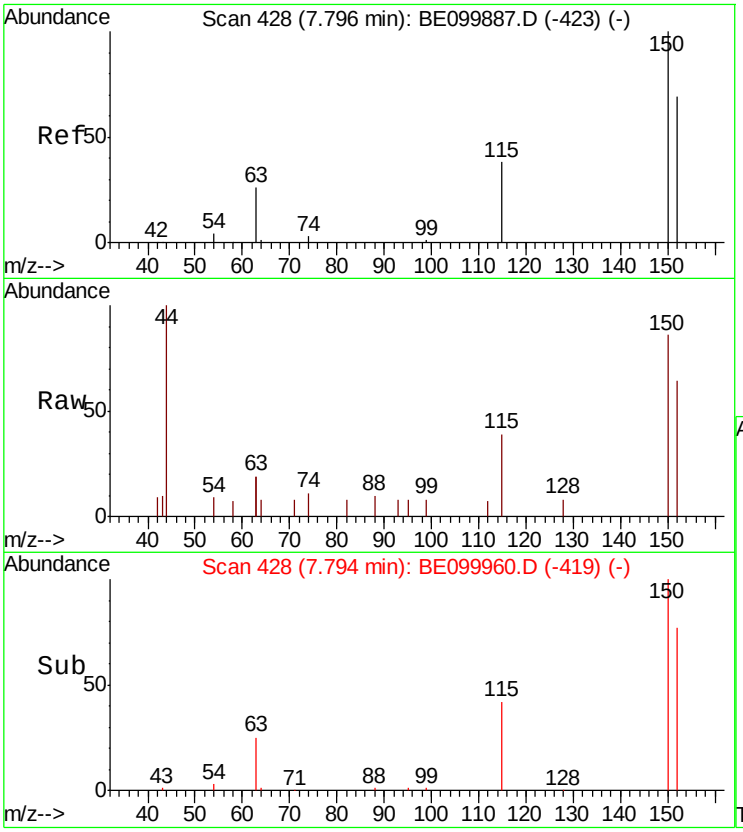
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099960.D
Acq On : 12 Jun 2019 17:25
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 13 04:09:59 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



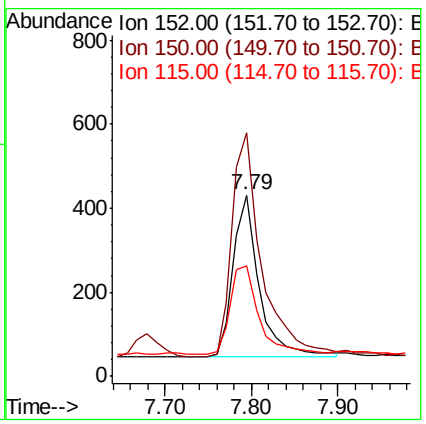


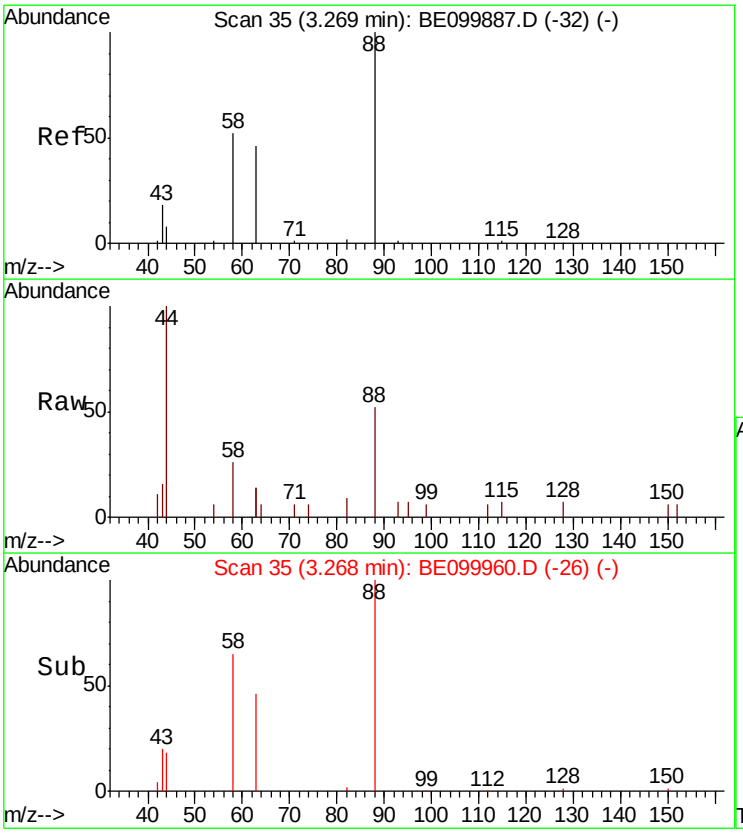
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 817

Ion	Ratio	Lower	Upper
152	100		
150	134.3	111.0	166.6
115	60.8	50.7	76.1

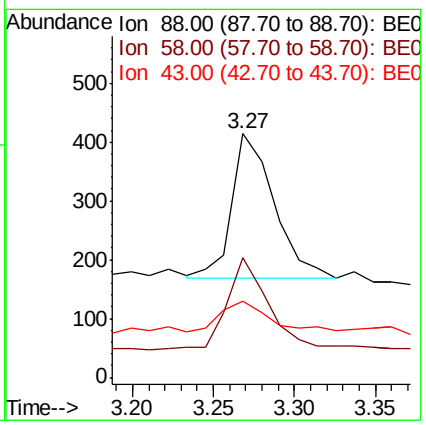


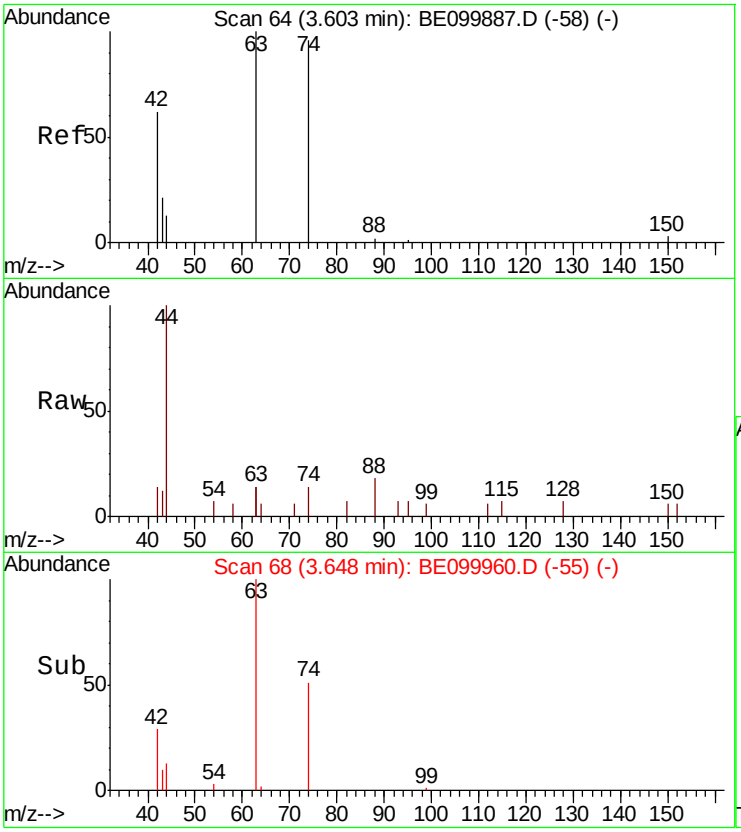


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion: 88 Resp: 440

Ion	Ratio	Lower	Upper
88	100		
58	63.2	48.8	73.2
43	30.2	19.0	28.6#



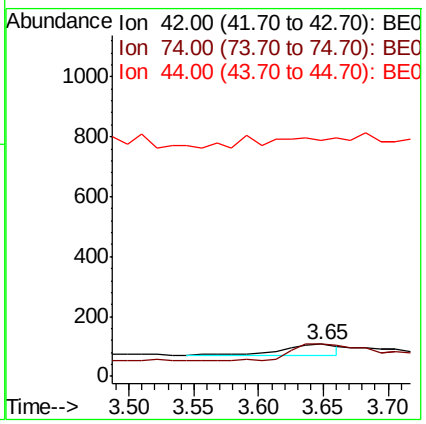


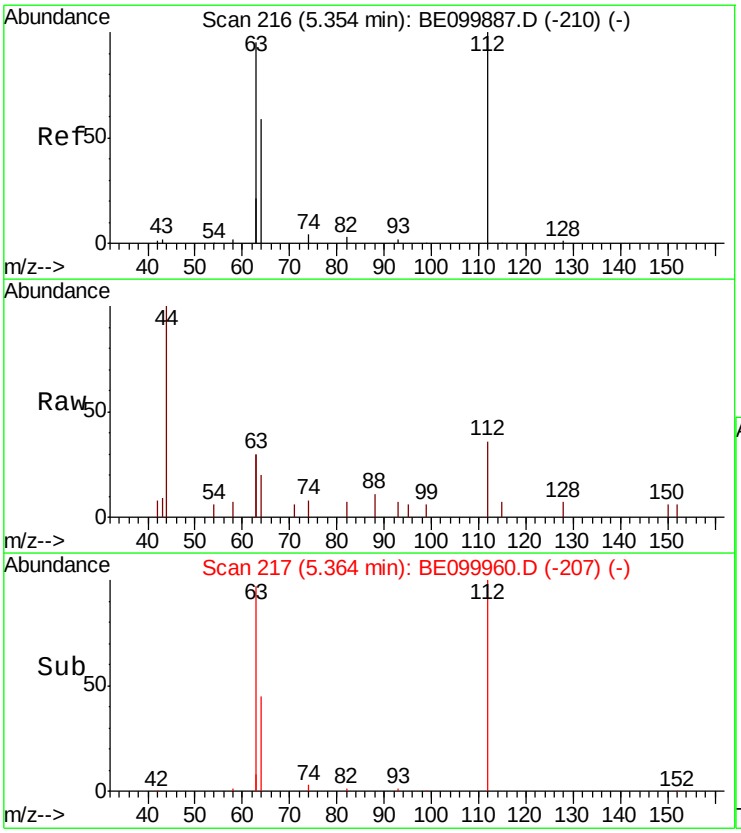
#3
n-Nitrosodimethylamine
Concen: 0.148 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.04 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 103

Ion	Ratio	Lower	Upper
42	100		
74	153.4	0.0	0.0#
44	53.4	0.0	0.0#

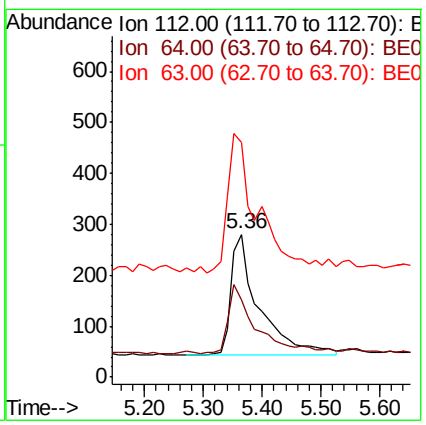


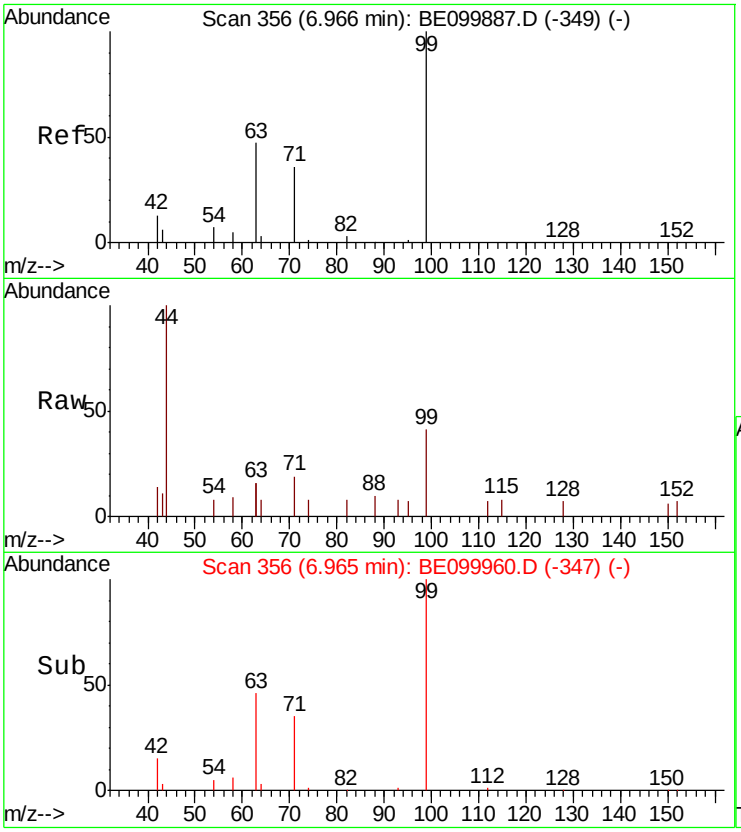


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:112 Resp: 772

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	124.6	87.8	131.6



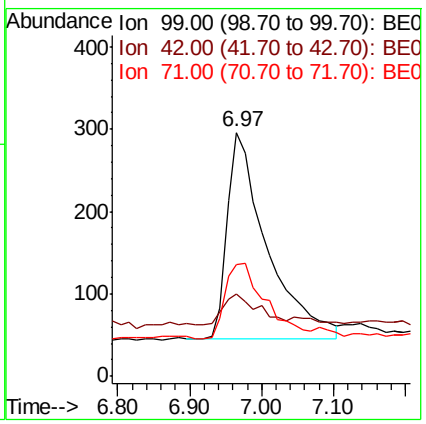


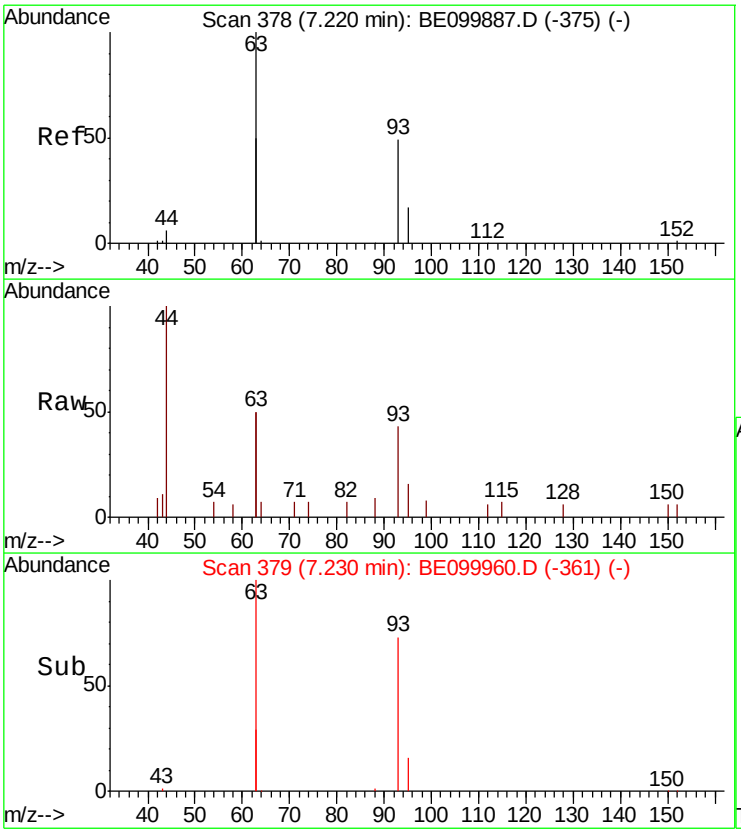
#5
Phenol-d6
Concen: 0.340 ng
RT: 6.97 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 967

Ion	Ratio	Lower	Upper
99	100		
42	12.4	15.9	23.9#
71	37.0	34.6	52.0

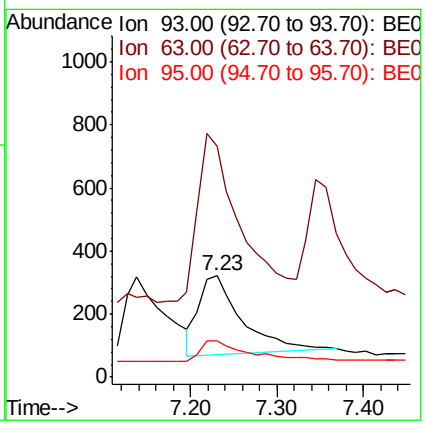


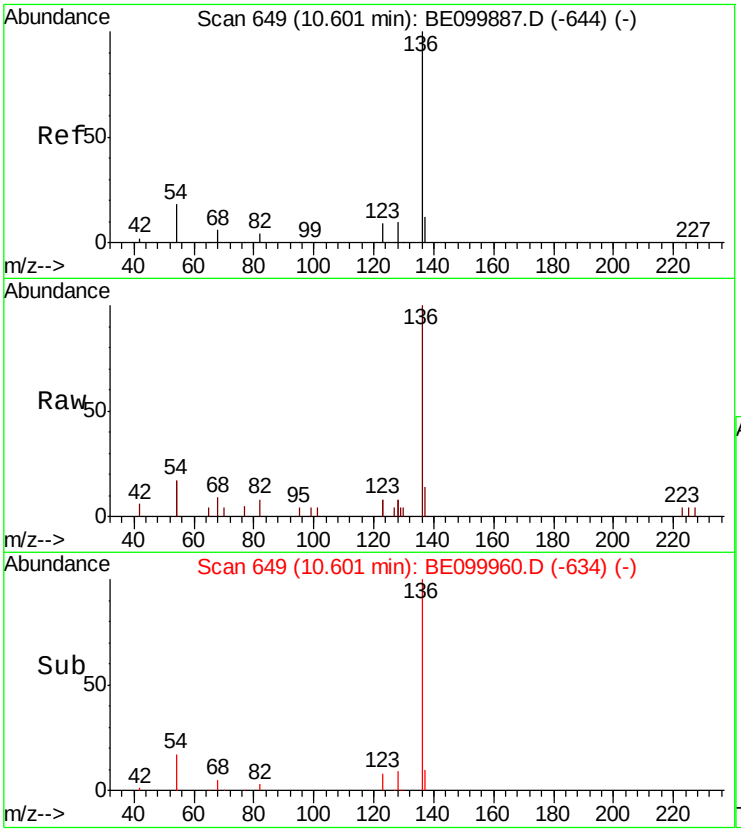


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion: 93 Resp: 896

Ion	Ratio	Lower	Upper
93	100		
63	202.3	202.8	304.2#
95	31.6	23.7	35.5



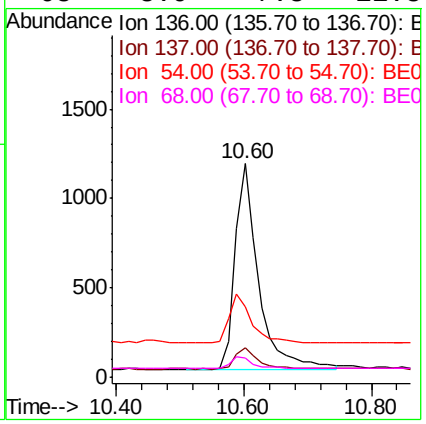


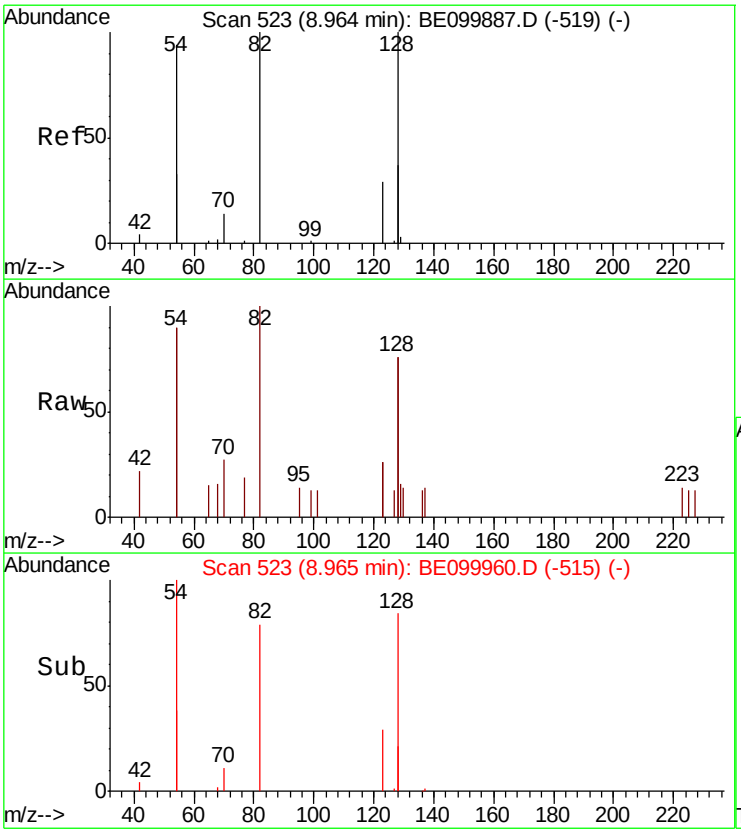
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2938

Ion	Ratio	Lower	Upper
136	100		
137	13.9	12.3	18.5
54	33.1	28.2	42.4
68	8.9	7.8	11.8

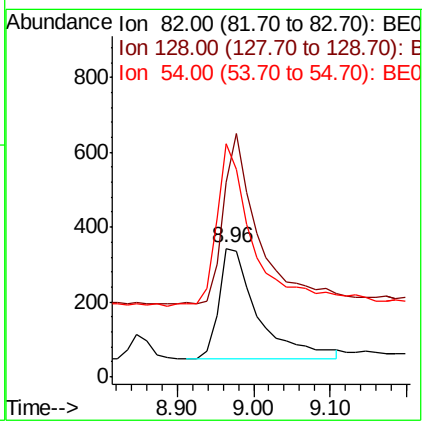


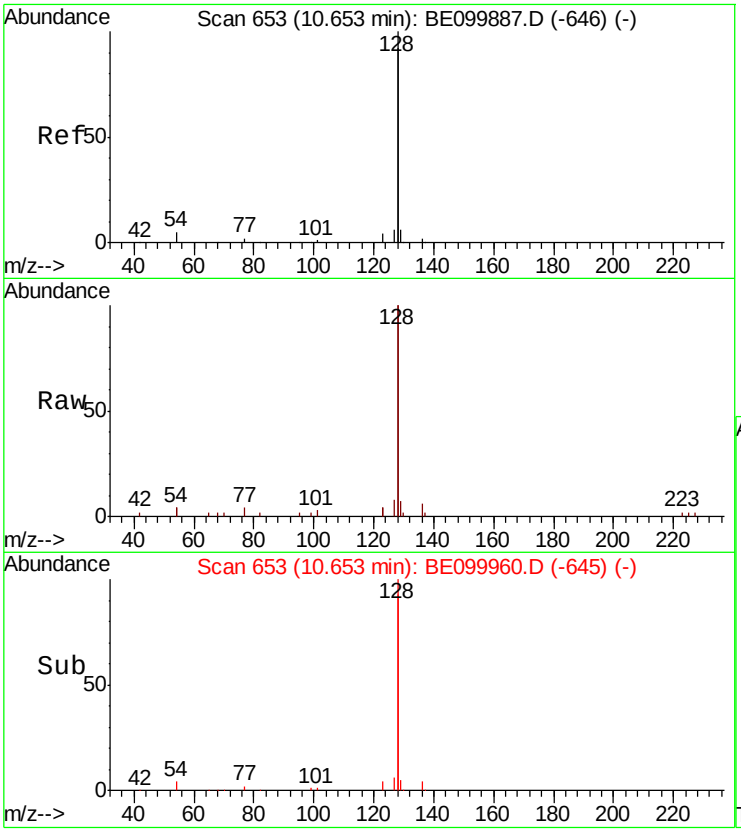


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion: 82 Resp: 1054

Ion	Ratio	Lower	Upper
82	100		
128	151.2	137.3	205.9
54	180.8	129.7	194.5



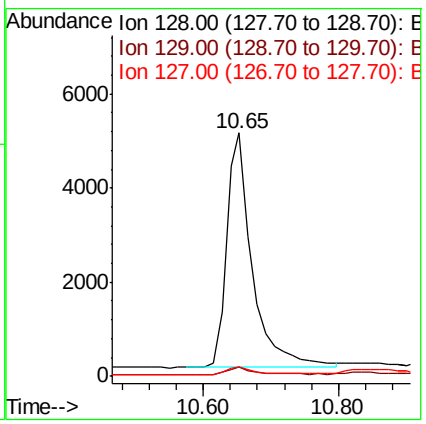


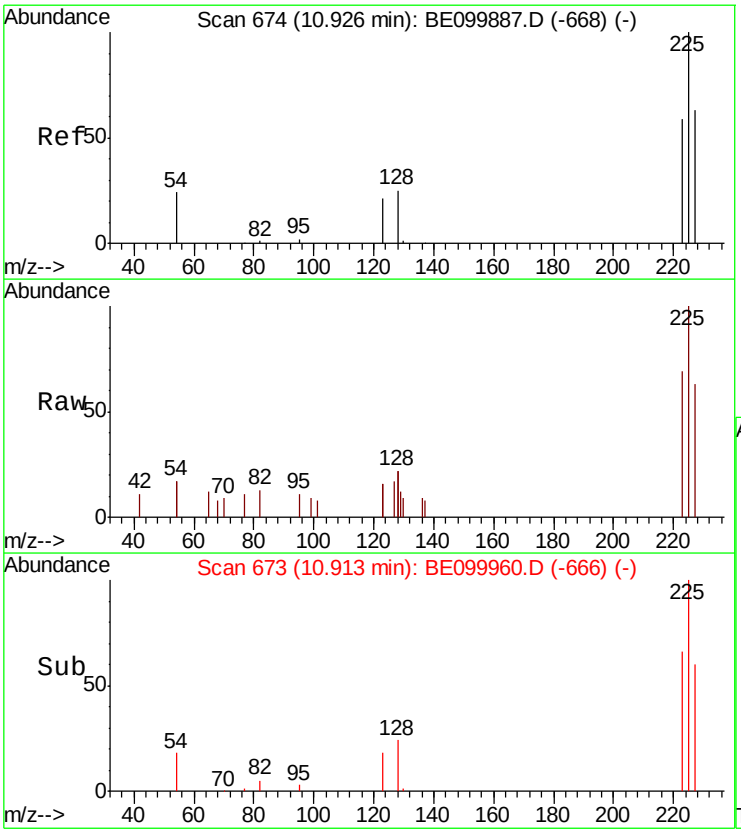
#9
Naphthalene
Concen: 0.418 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 13246

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	4.0	3.4	5.0

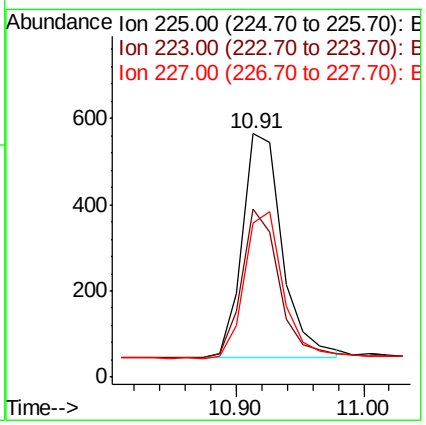


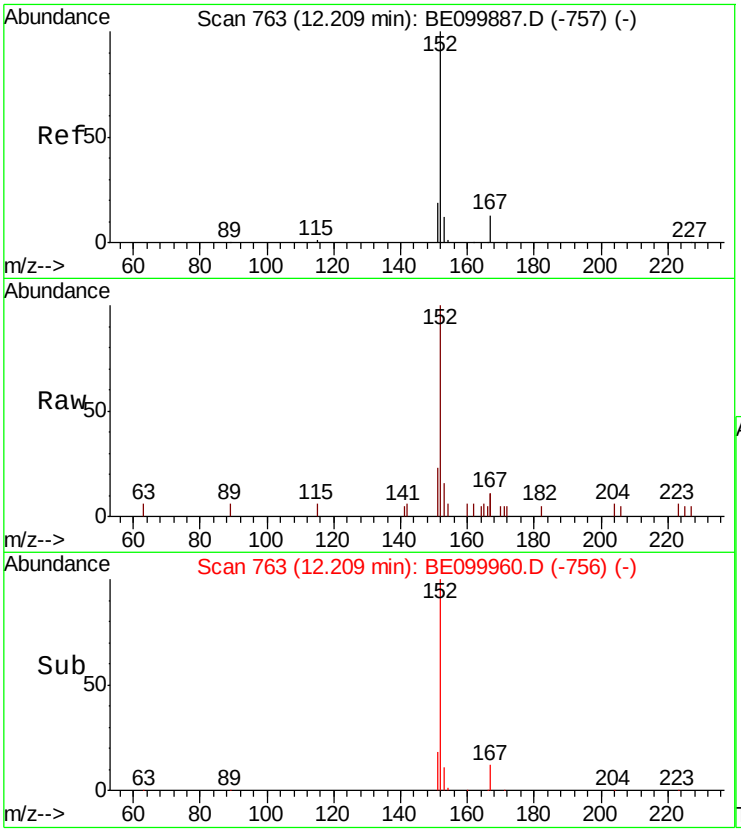


#10
Hexachlorobutadiene
Concen: 0.472 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:225 Resp: 1141

Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.6	77.4
227	62.9	50.6	76.0



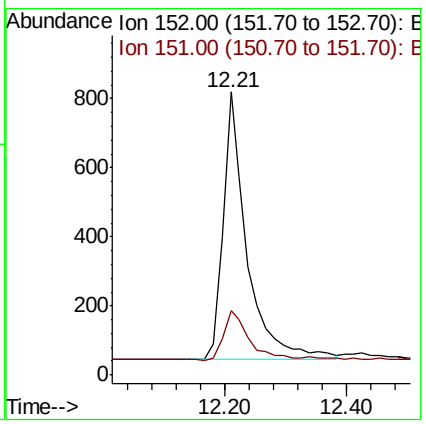


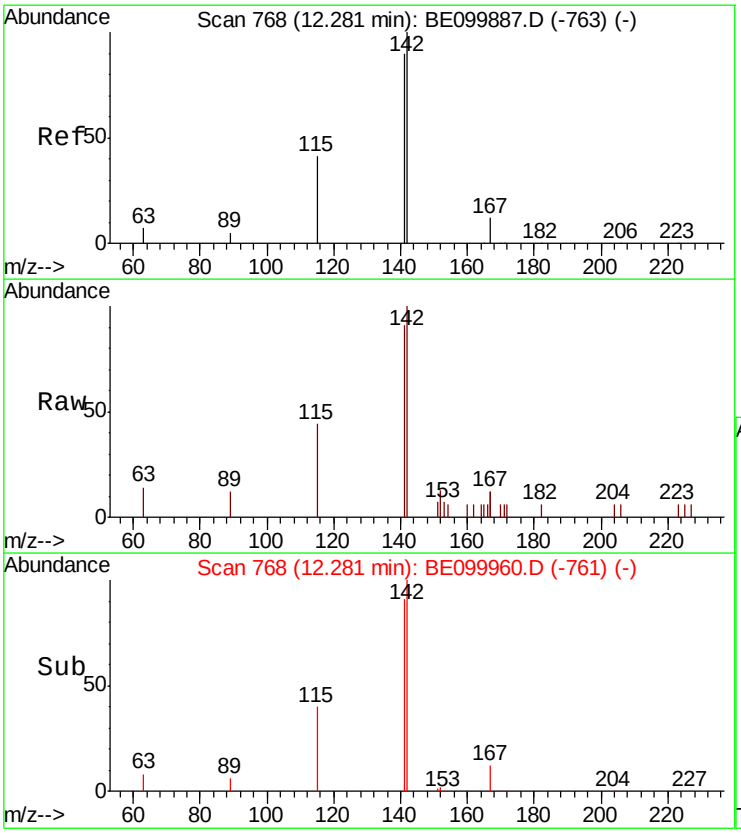
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2115

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

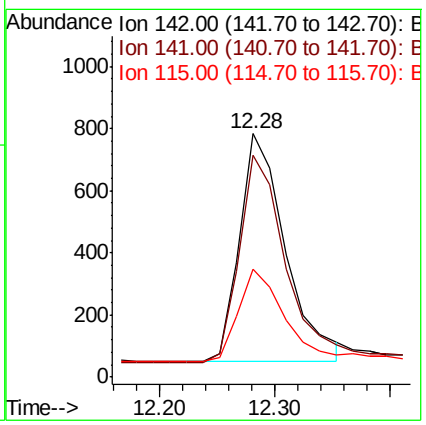


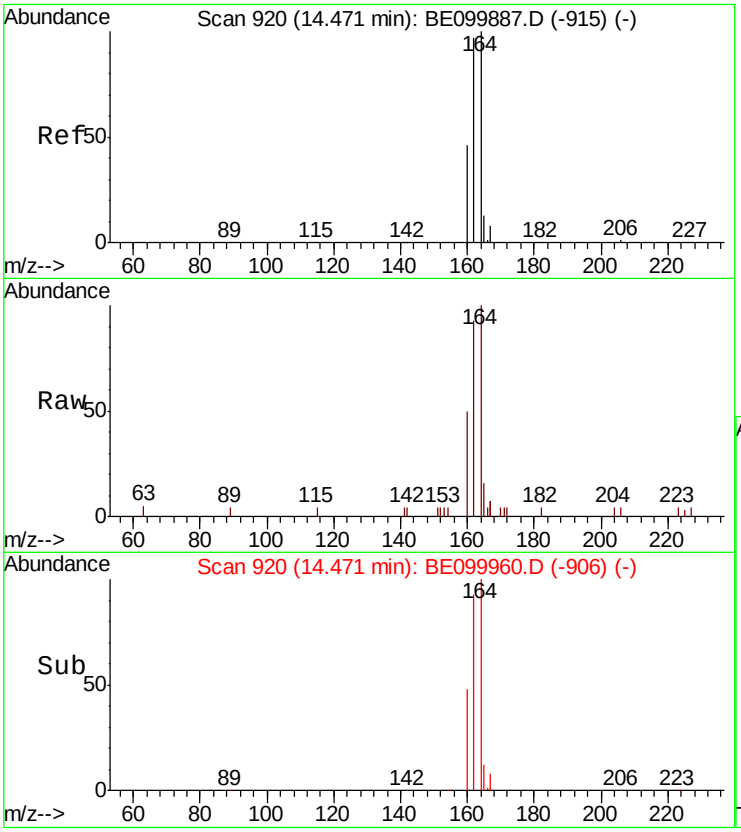


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:142 Resp: 2029

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5
115	44.4	36.4	54.6



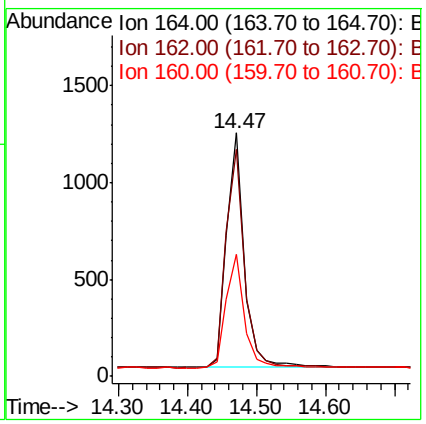


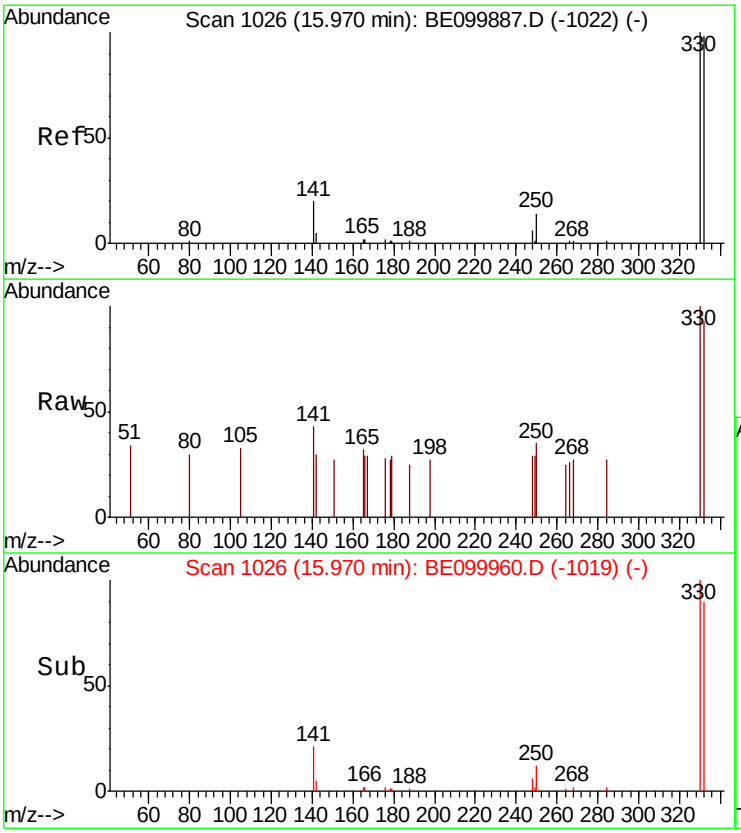
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2159

Ion	Ratio	Lower	Upper
164	100		
162	93.2	77.8	116.8
160	49.9	38.2	57.4

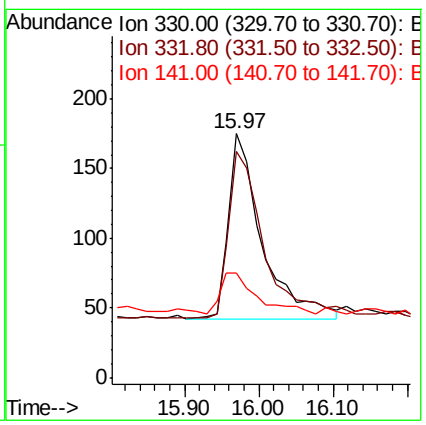


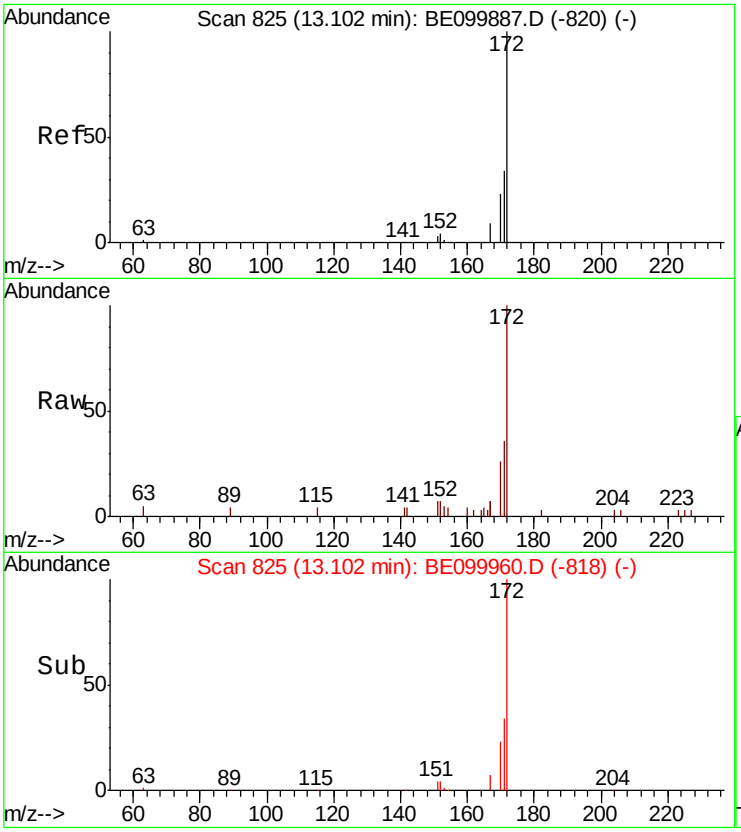


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:330 Resp: 418

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	23.2	21.0	31.6



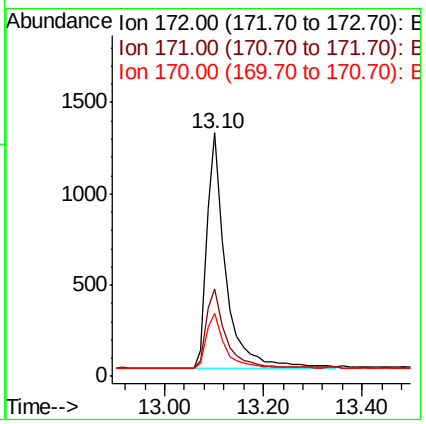


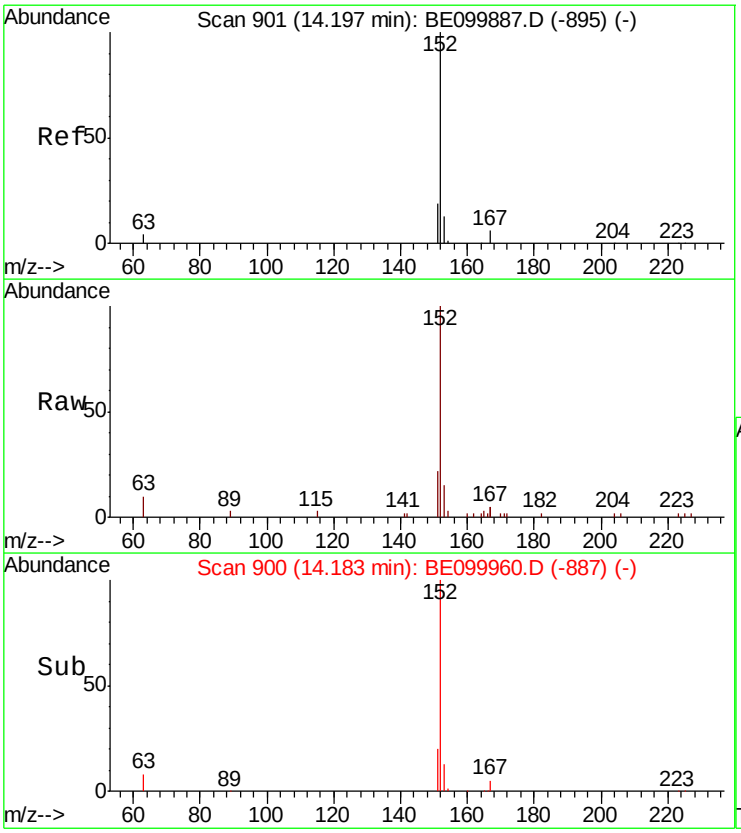
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3414

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	26.0	21.2	31.8

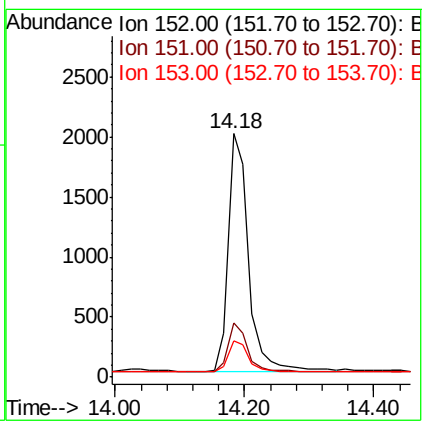


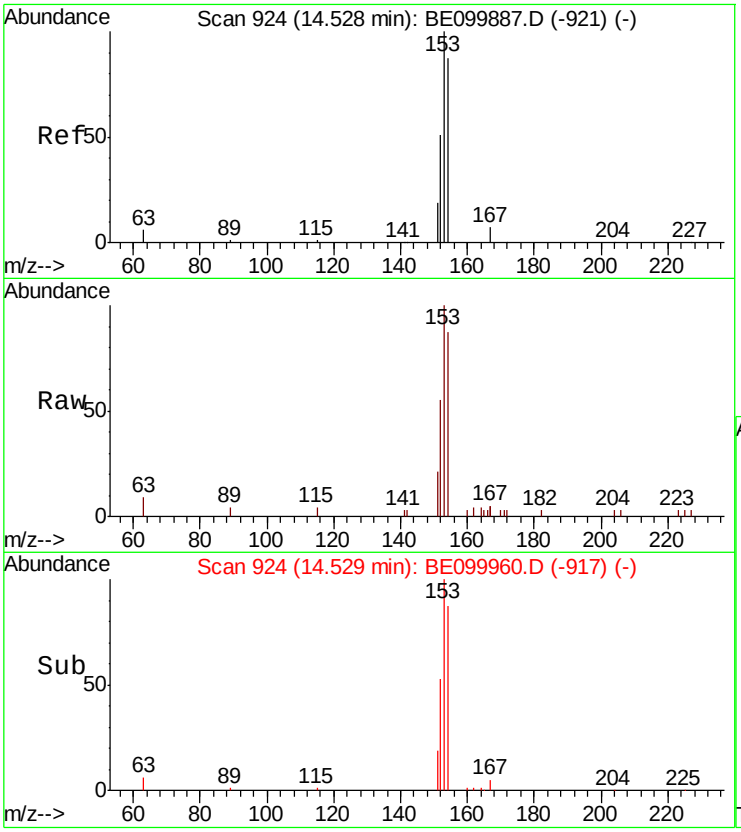


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:152 Resp: 4270

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.6	10.2	15.2



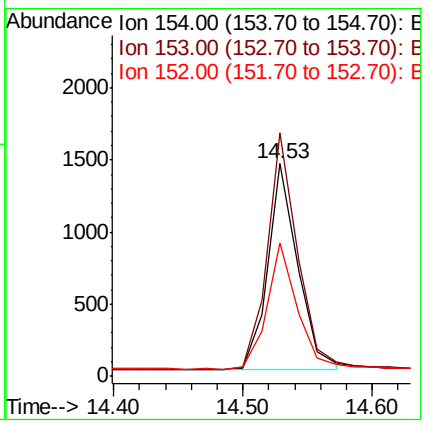


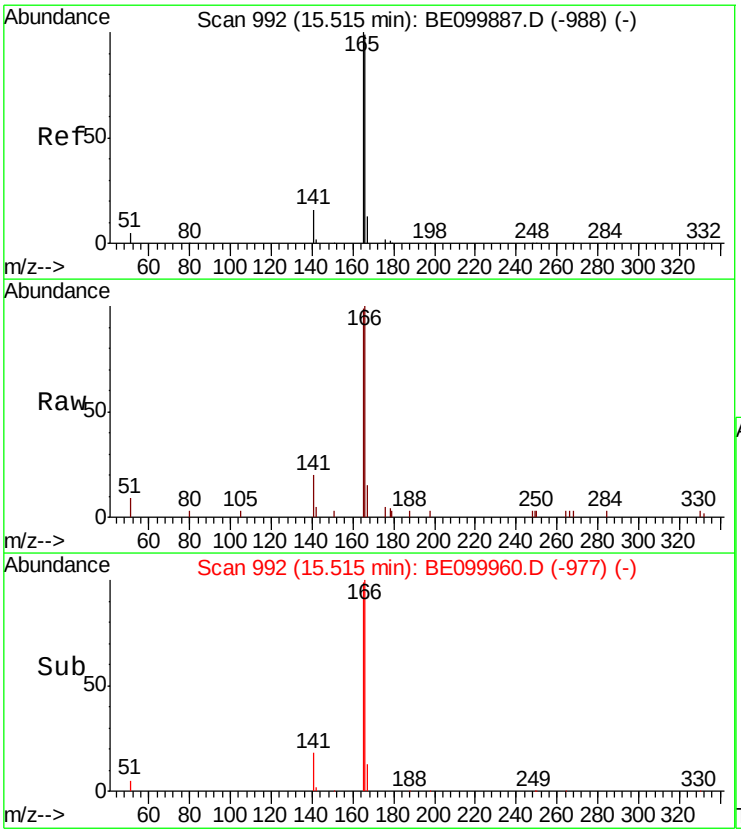
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2303

Ion	Ratio	Lower	Upper
154	100		
153	116.2	93.1	139.7
152	61.9	47.0	70.4

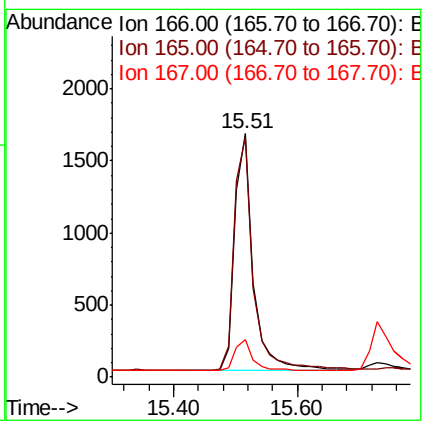


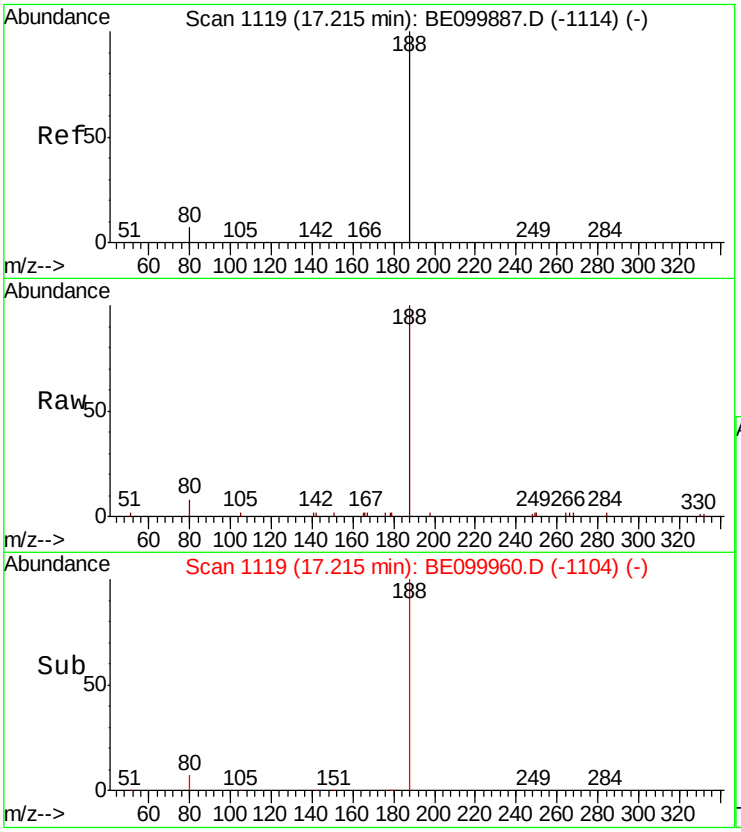


#18
Fluorene
Concen: 0.388 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:166 Resp: 3411

Ion	Ratio	Lower	Upper
166	100		
165	99.4	81.8	122.8
167	12.6	11.2	16.8



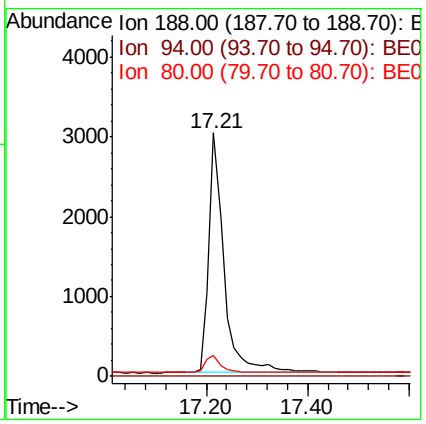


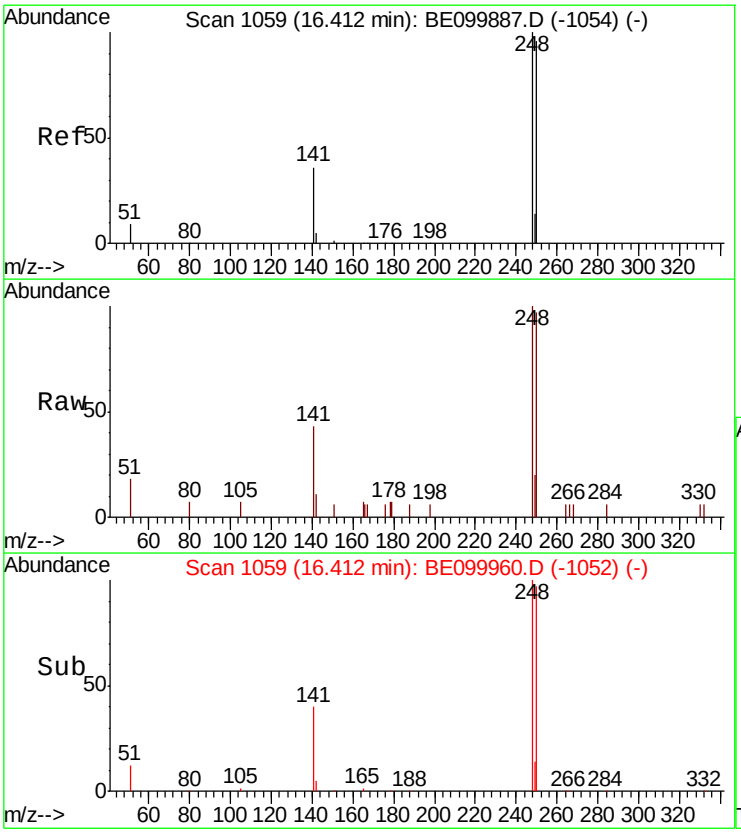
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6306

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.4	9.6

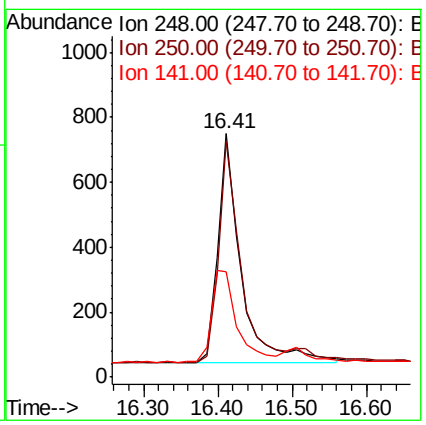


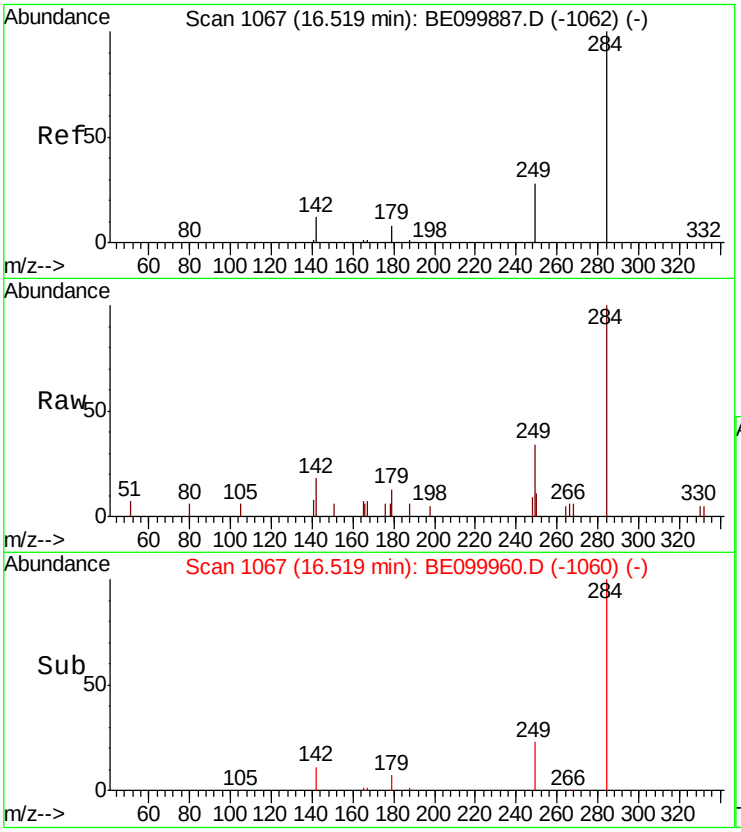


#20
4-Bromophenyl-phenylether
Concen: 0.432 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:248 Resp: 1542

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.5	116.3
141	43.3	31.8	47.8



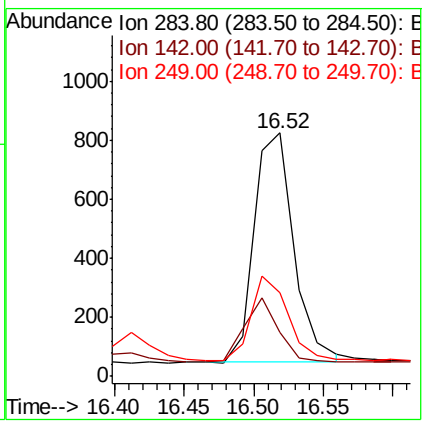


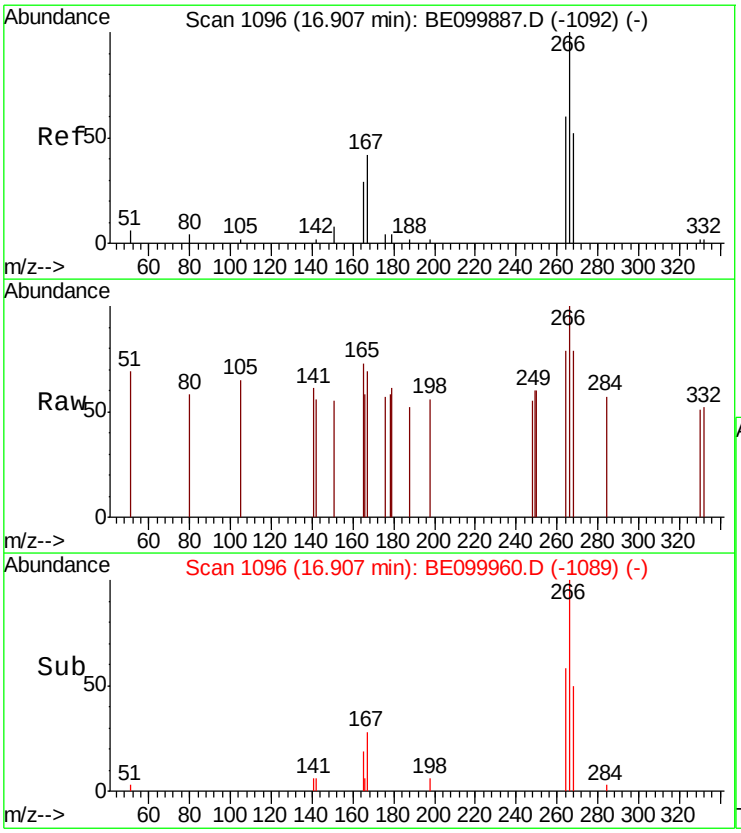
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1542

Ion	Ratio	Lower	Upper
284	100		
142	24.0	18.2	27.4
249	34.0	24.6	37.0

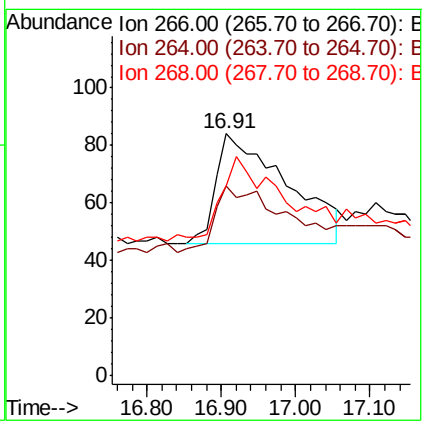


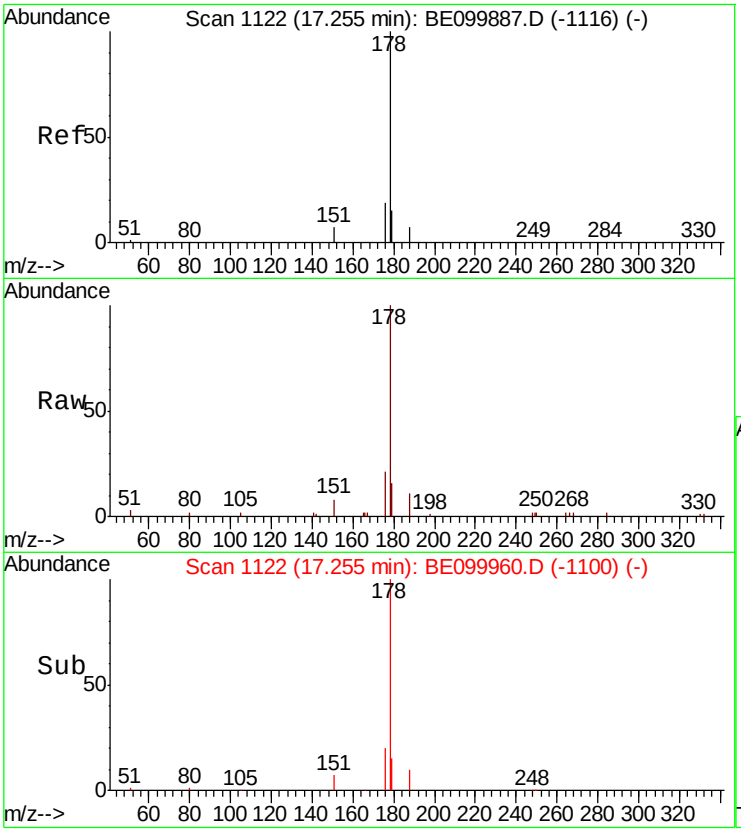


#22
Pentachlorophenol
Concen: 0.443 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:266 Resp: 252

Ion	Ratio	Lower	Upper
266	100		
264	78.6	62.2	93.2
268	78.6	65.5	98.3



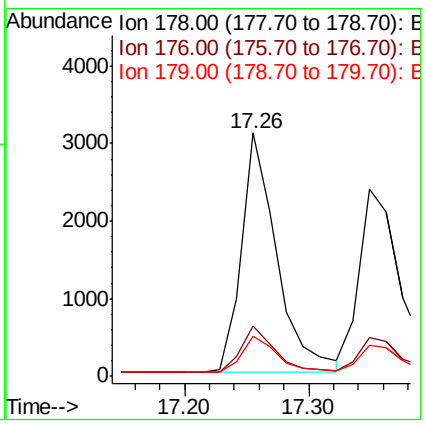


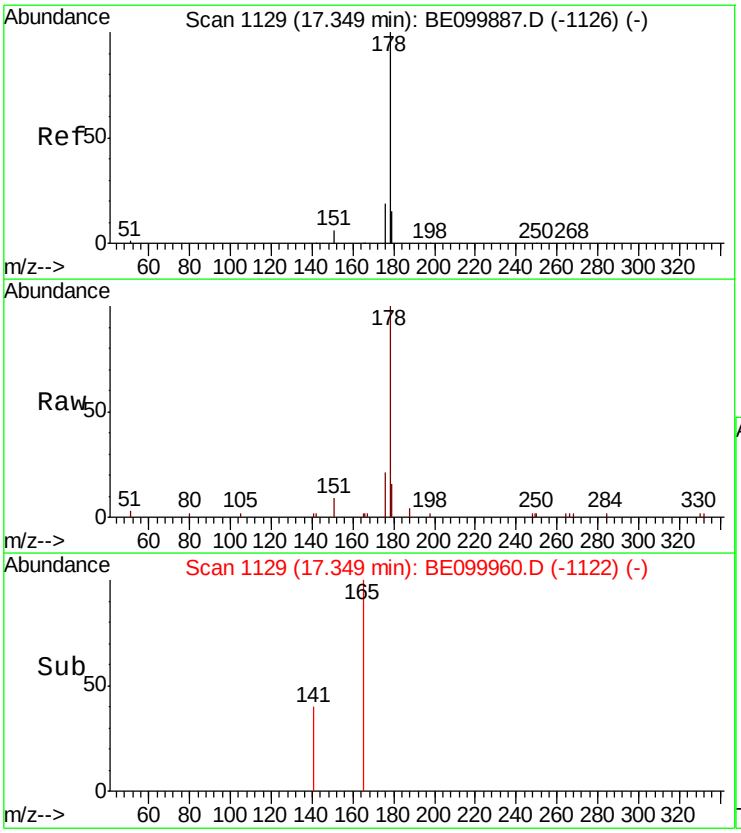
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6134

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

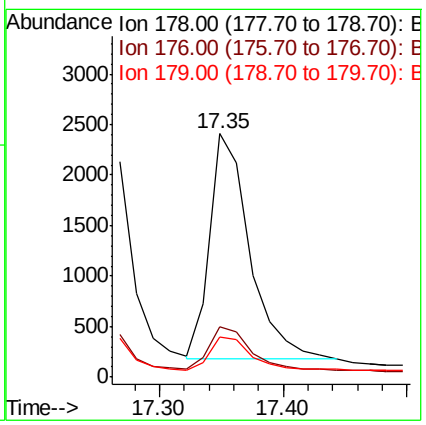


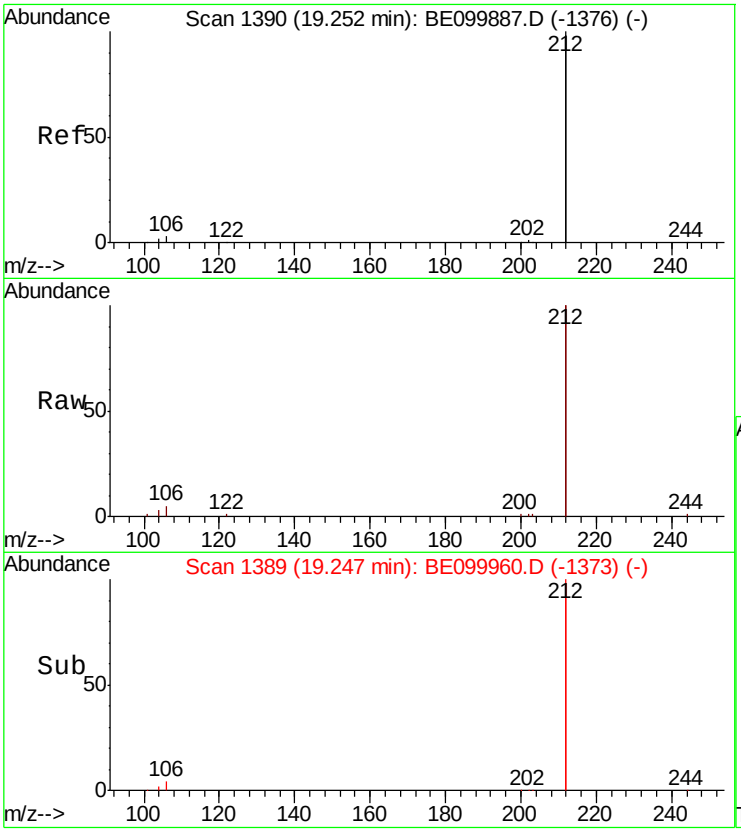


#24
Anthracene
Concen: 0.356 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:178 Resp: 4995

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	22.0
179	14.5	12.3	18.5



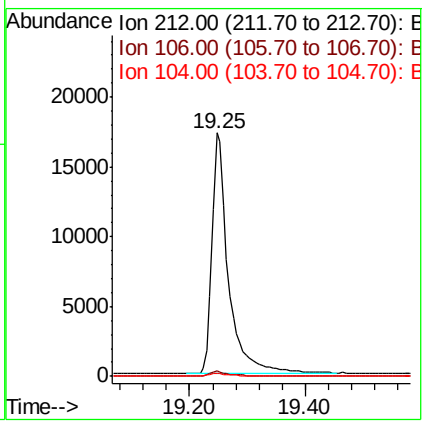


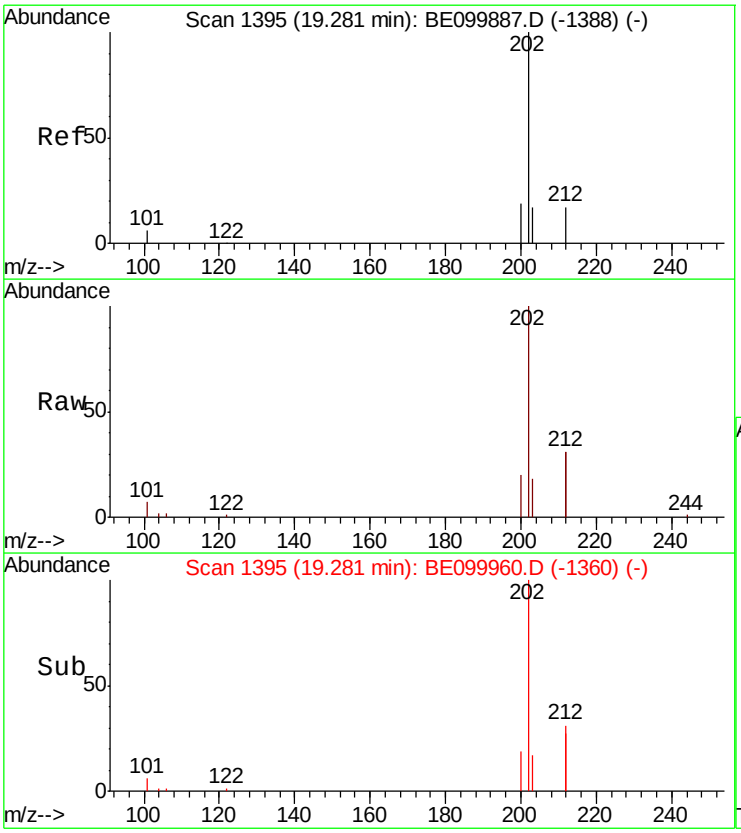
#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 34496

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

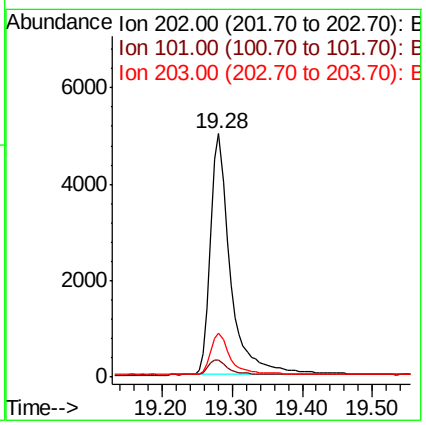


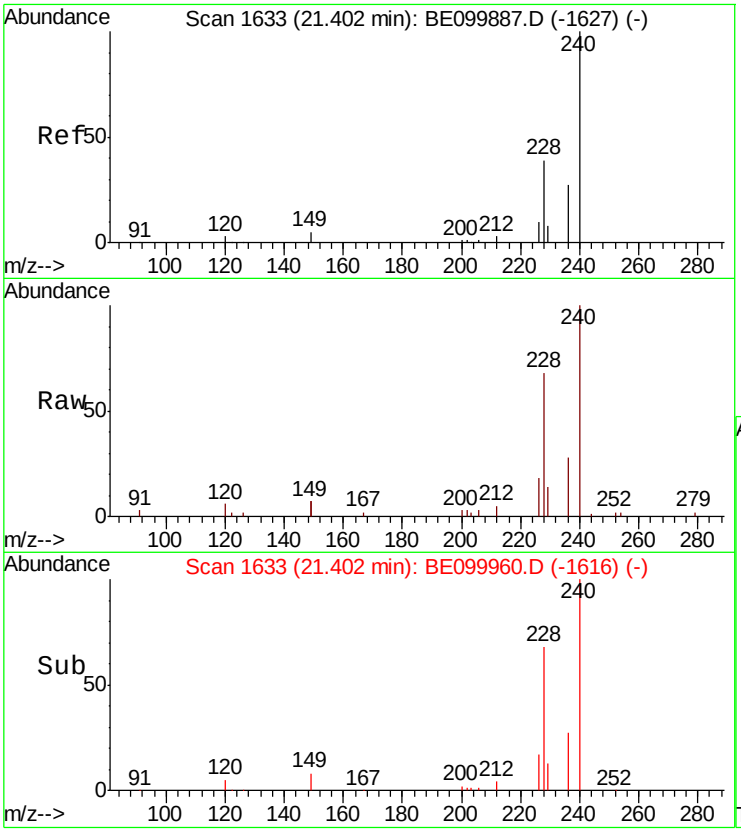


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:202 Resp: 9898

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	16.9	13.2	19.8



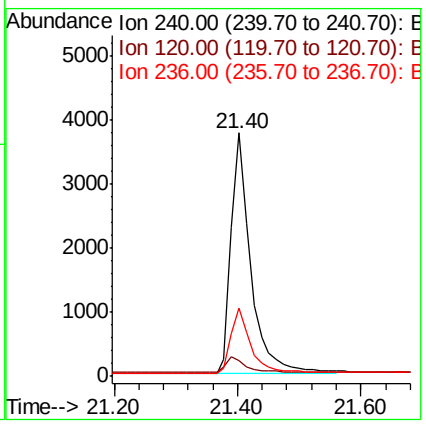


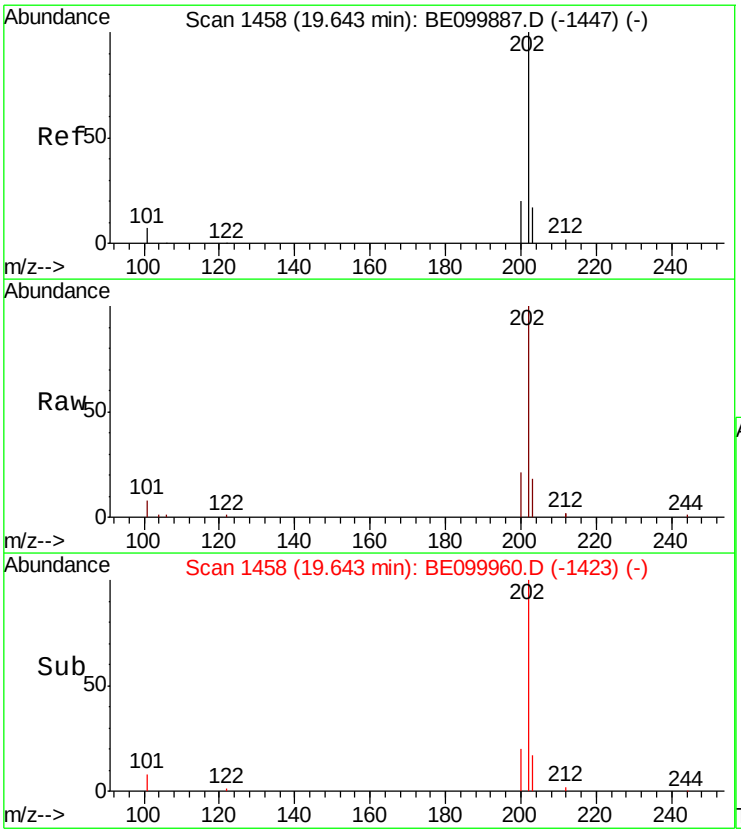
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8213

Ion	Ratio	Lower	Upper
240	100		
120	6.3	3.8	5.6#
236	28.0	22.0	33.0

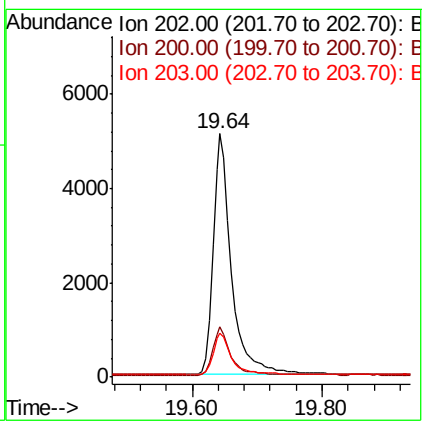


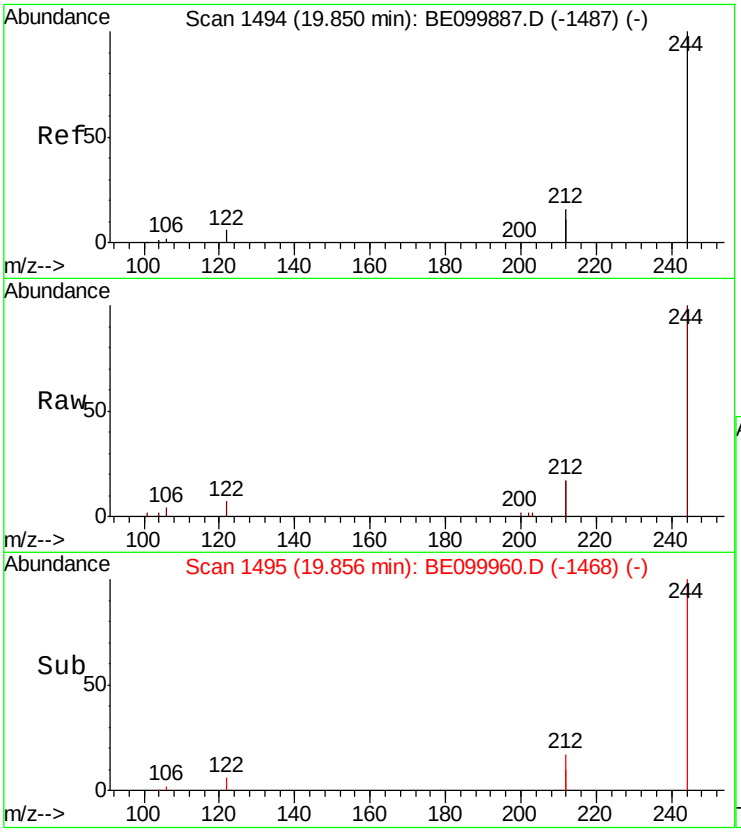


#28
Pyrene
Concen: 0.471 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:202 Resp: 10154

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	17.3	14.0	21.0



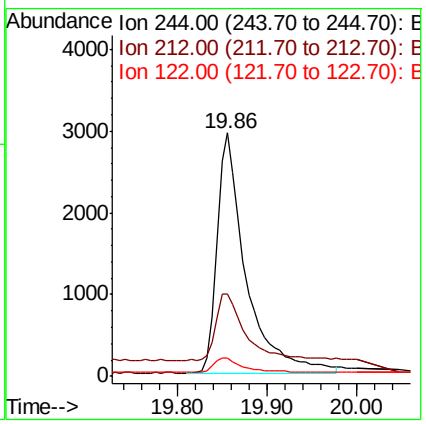


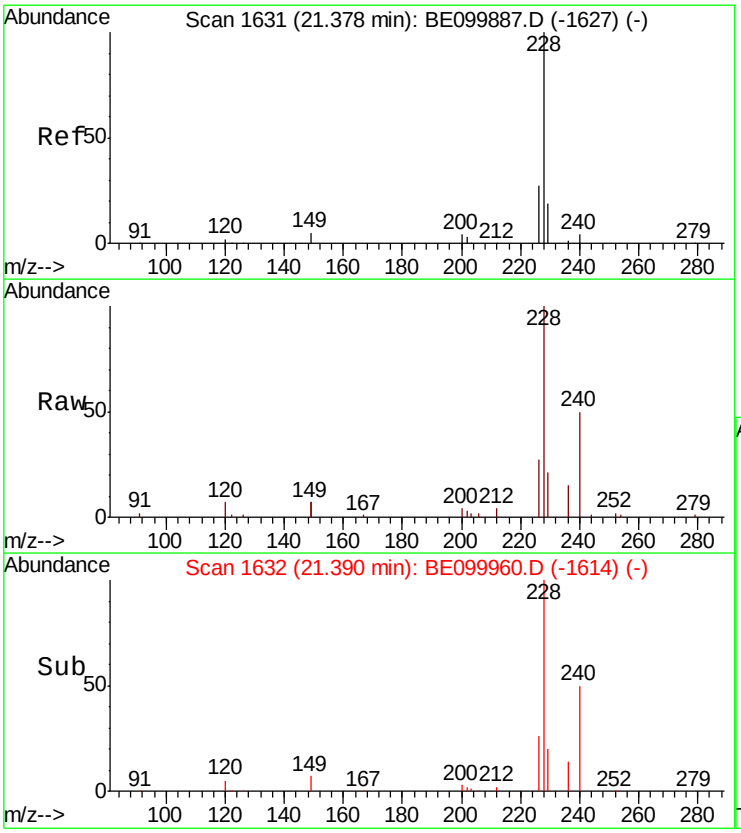
#29
Terphenyl-d14
Concen: 0.437 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6459

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.7	38.5
122	7.5	5.5	8.3

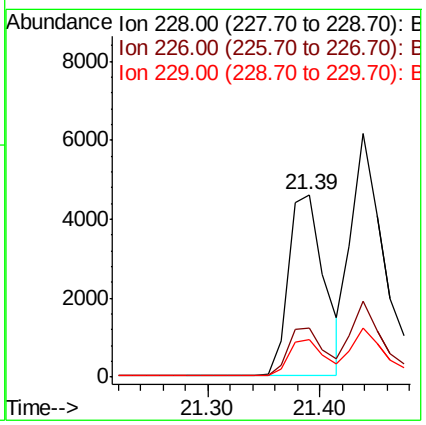


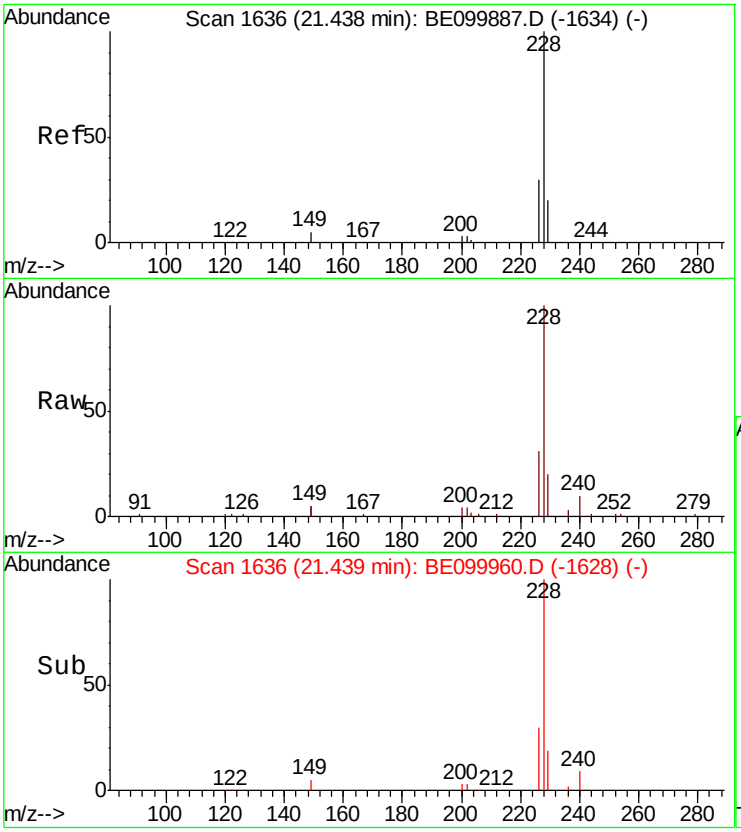


#30
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:228 Resp: 10092

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.5	33.7
229	20.9	15.9	23.9



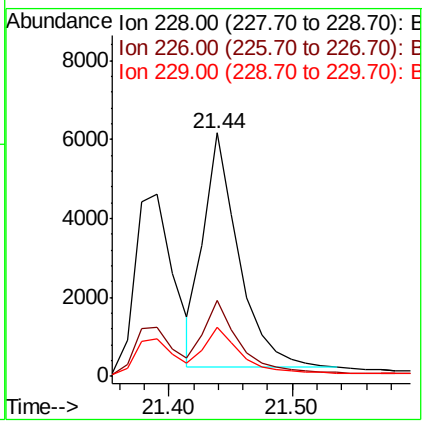


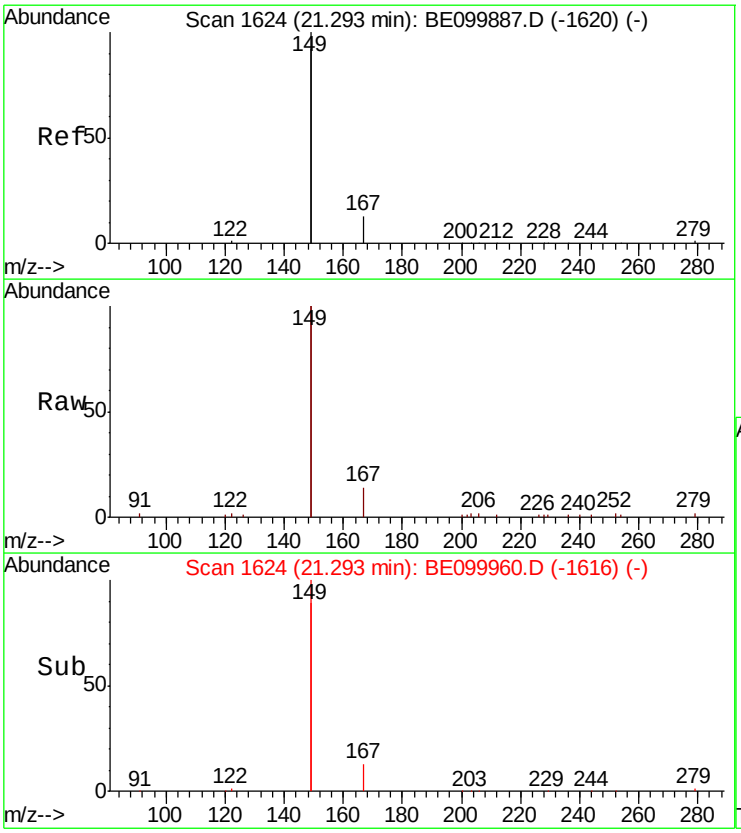
#31
Chrysene
Concen: 0.464 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11777

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	20.0	16.1	24.1

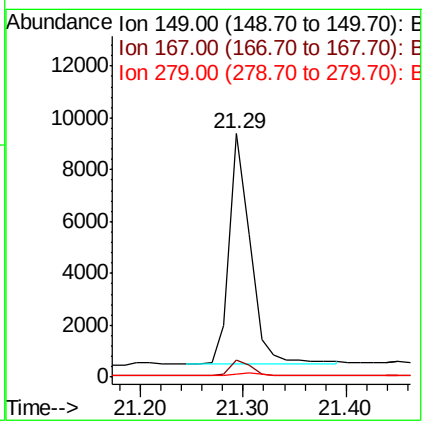


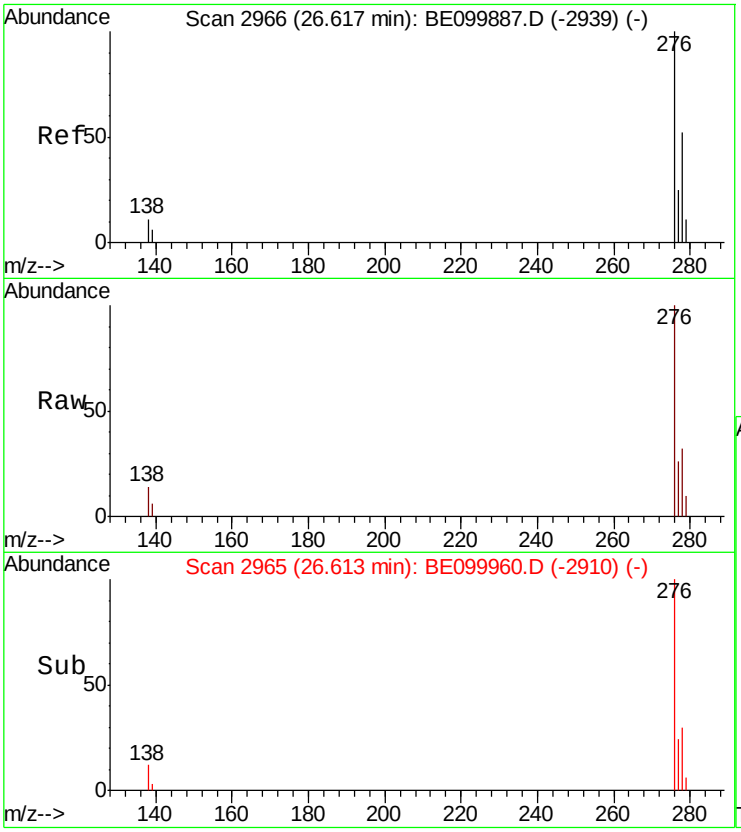


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:149 Resp: 12516

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.9	8.9
279	1.4	1.2	1.8



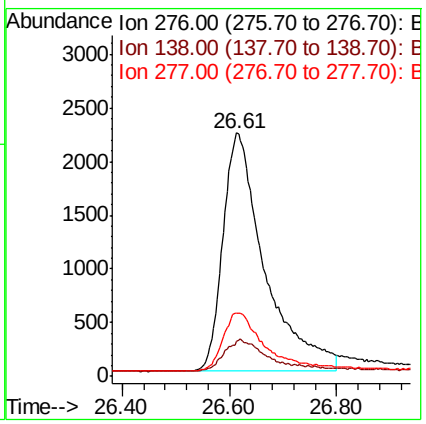


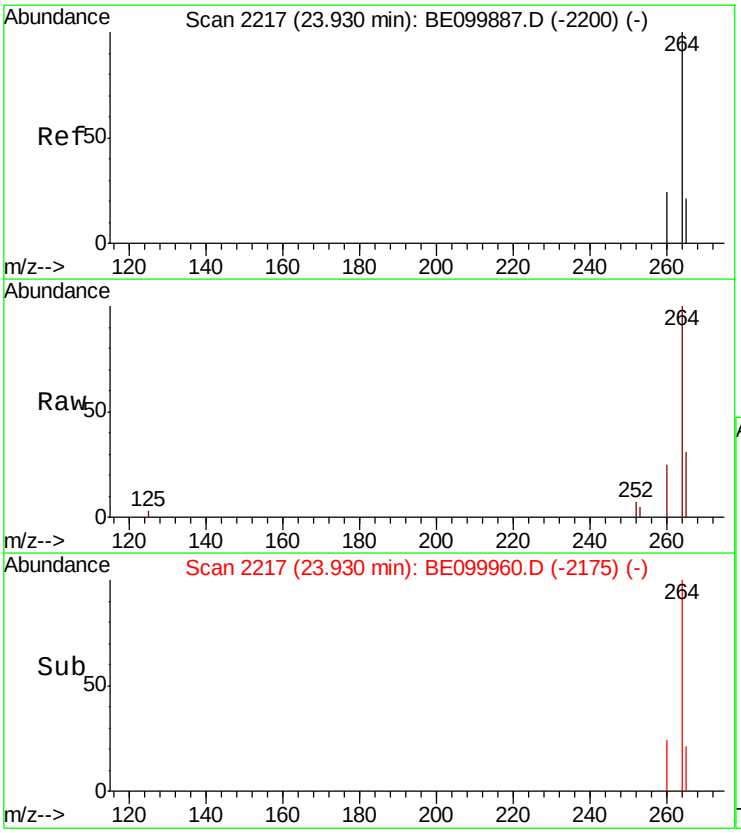
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12085

Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.1	15.1
277	24.9	19.1	28.7

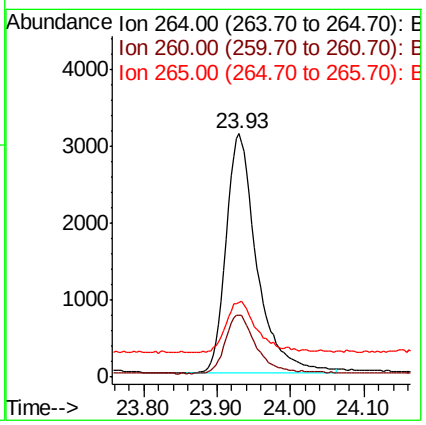


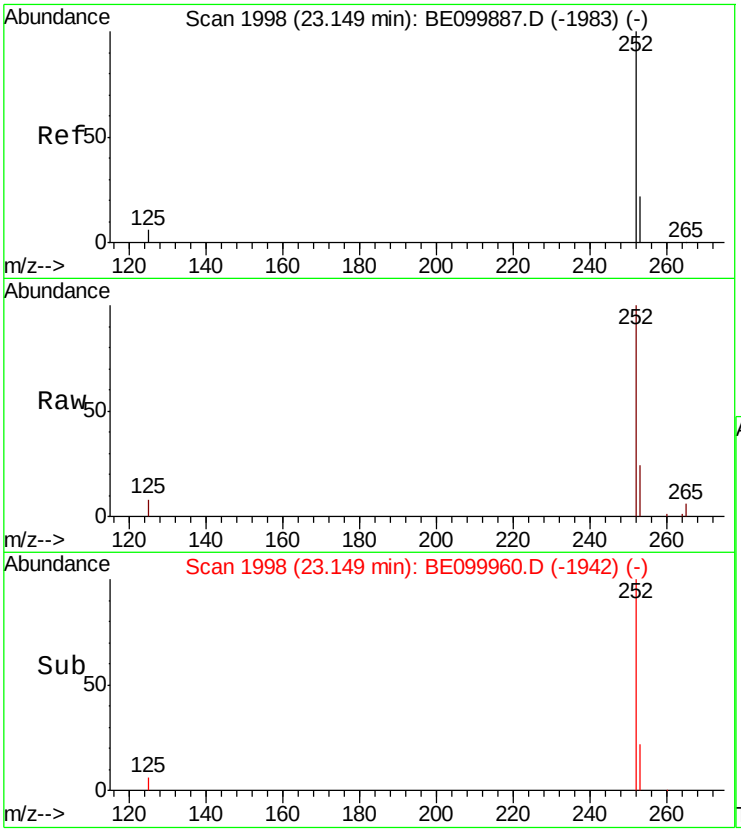


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:264 Resp: 9192

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	30.8	22.0	33.0



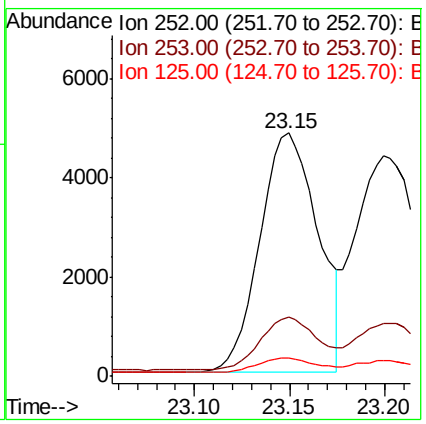


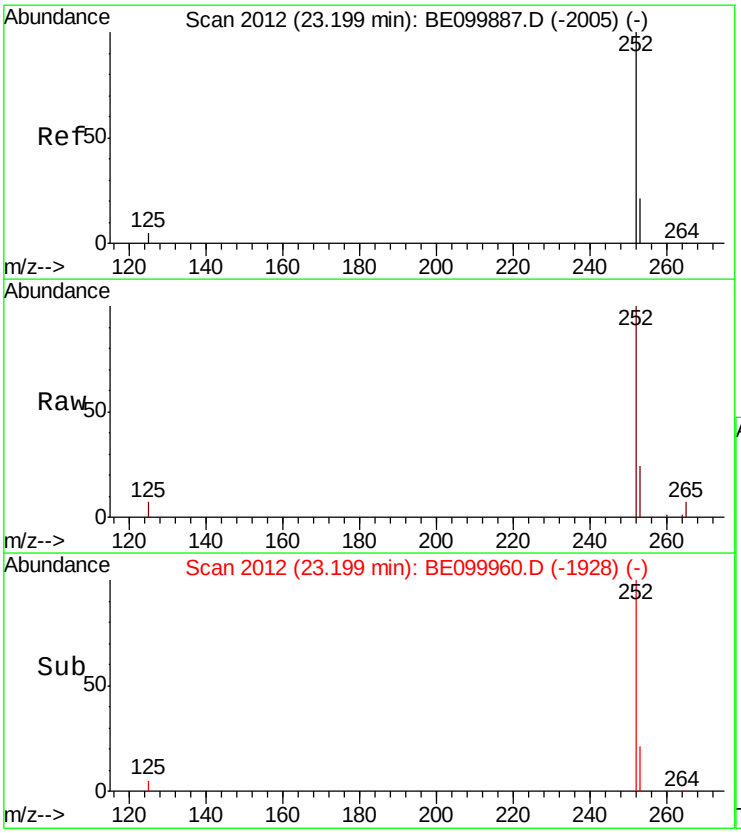
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10275

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	7.5	5.7	8.5

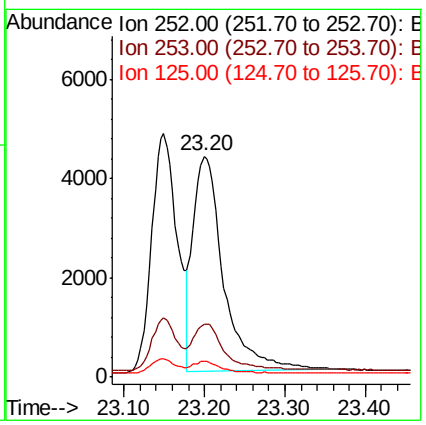


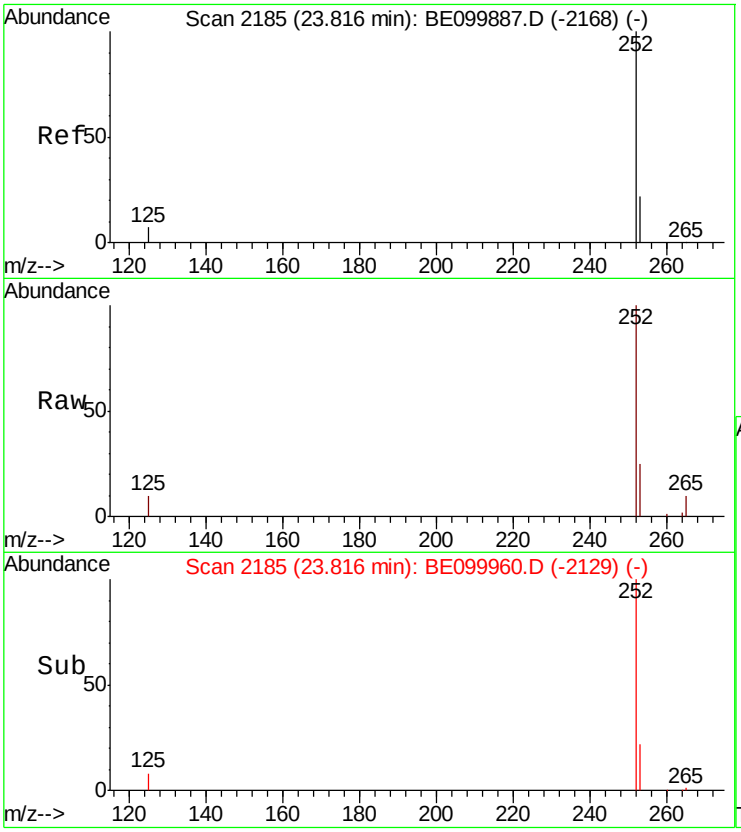


#36
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:252 Resp: 11468

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	6.9	5.4	8.0



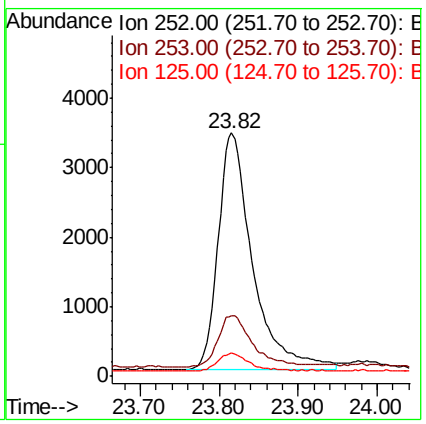


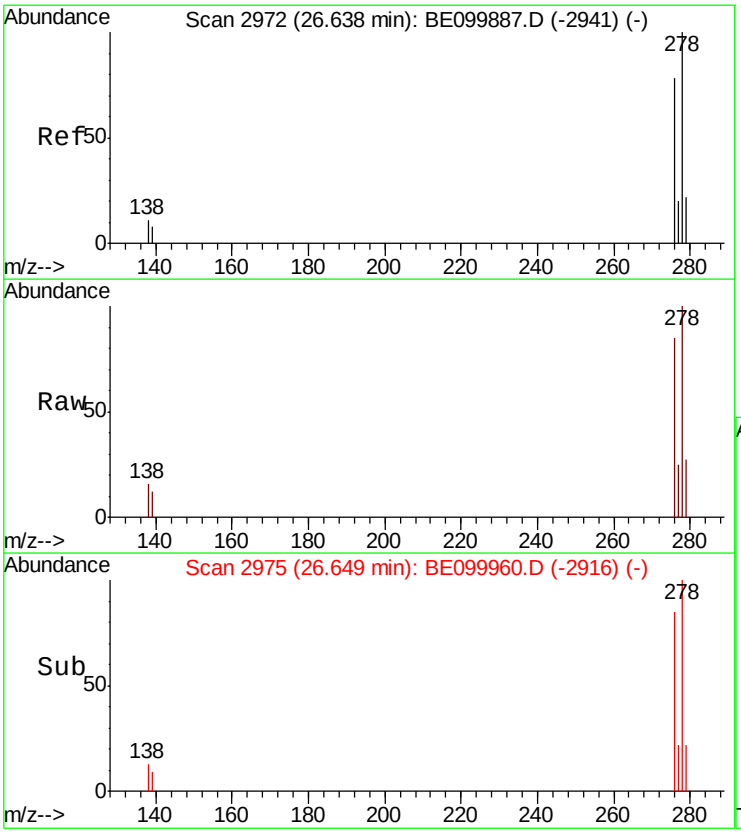
#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.82 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10302

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.6	29.4
125	9.6	6.6	10.0

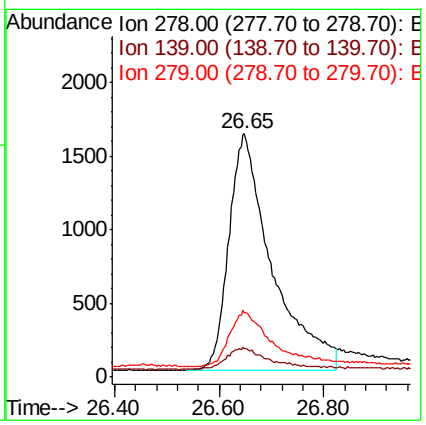


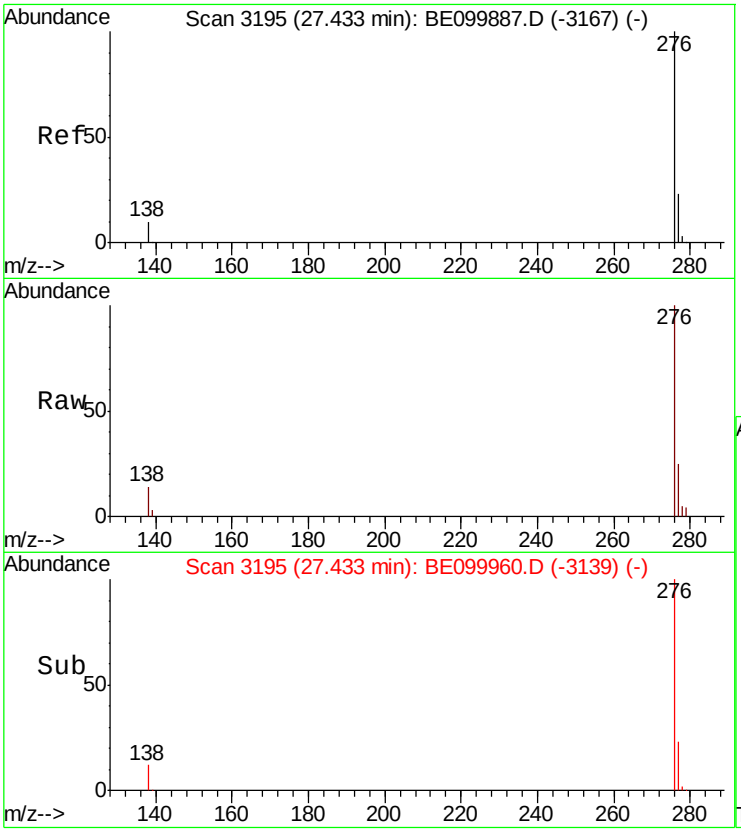


#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.65 min Scan# 2975
Delta R.T. 0.01 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Tgt Ion:278 Resp: 9208

Ion	Ratio	Lower	Upper
278	100		
139	11.8	7.8	11.8#
279	26.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.411 ng
RT: 27.43 min Scan# 3195
Delta R.T. 0.00 min
Lab File: BE099960.D
Acq: 12 Jun 2019 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10861

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	13.7	9.5	14.3