Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099958.D
Acq On : 12 Jun 2019 16:12
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 13 04:09:44 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	851	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3084	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2264	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6821	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8573	0.40	ng		0.00
34) Perylene-d12	23.93	264	9575	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	864	0.38	ng		0.00
5) Phenol-d6	6.96	99	1094	0.37	ng		0.00
8) Nitrobenzene-d5	8.96	82	1150	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2222	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	457	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	3584	0.42	ng		0.00
25) Fluoranthene-d10	19.25	212	36860	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	6901	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	482	0.383	ng		95
3) n-Nitrosodimethylamine	3.62	42	120	0.165	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	952	0.394	ng		78
9) Naphthalene	10.64	128	13969	0.420	ng		100
10) Hexachlorobutadiene	10.91	225	1147	0.452	ng		98
12) 2-Methylnaphthalene	12.28	142	2195	0.406	ng		98
16) Acenaphthylene	14.18	152	4589	0.407	ng		99
17) Acenaphthene	14.53	154	2464	0.402	ng		98
18) Fluorene	15.51	166	3616	0.393	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1664	0.431	ng		95
21) Hexachlorobenzene	16.52	284	1643	0.416	ng		98
22) Pentachlorophenol	16.91	266	288	0.451	ng		97
23) Phenanthrene	17.26	178	6502	0.393	ng		99
24) Anthracene	17.35	178	5577	0.368	ng		98
26) Fluoranthene	19.28	202	10555	0.375	ng		99
28) Pyrene	19.64	202	10743	0.477	ng		99
30) Benzo(a)anthracene	21.39	228	10715	0.418	ng		98
31) Chrysene	21.44	228	12227	0.462	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	14184	0.386	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	12799	0.407	ng		98
35) Benzo(b)fluoranthene	23.15	252	10698	0.399	ng		97
36) Benzo(k)fluoranthene	23.20	252	12190	0.434	ng		98
37) Benzo(a)pyrene	23.82	252	10816	0.409	ng		98
38) Dibenzo(a,h)anthracene	26.65	278	9711	0.365	ng	#	96
39) Benzo(g,h,i)perylene	27.43	276	11331	0.412	ng		98

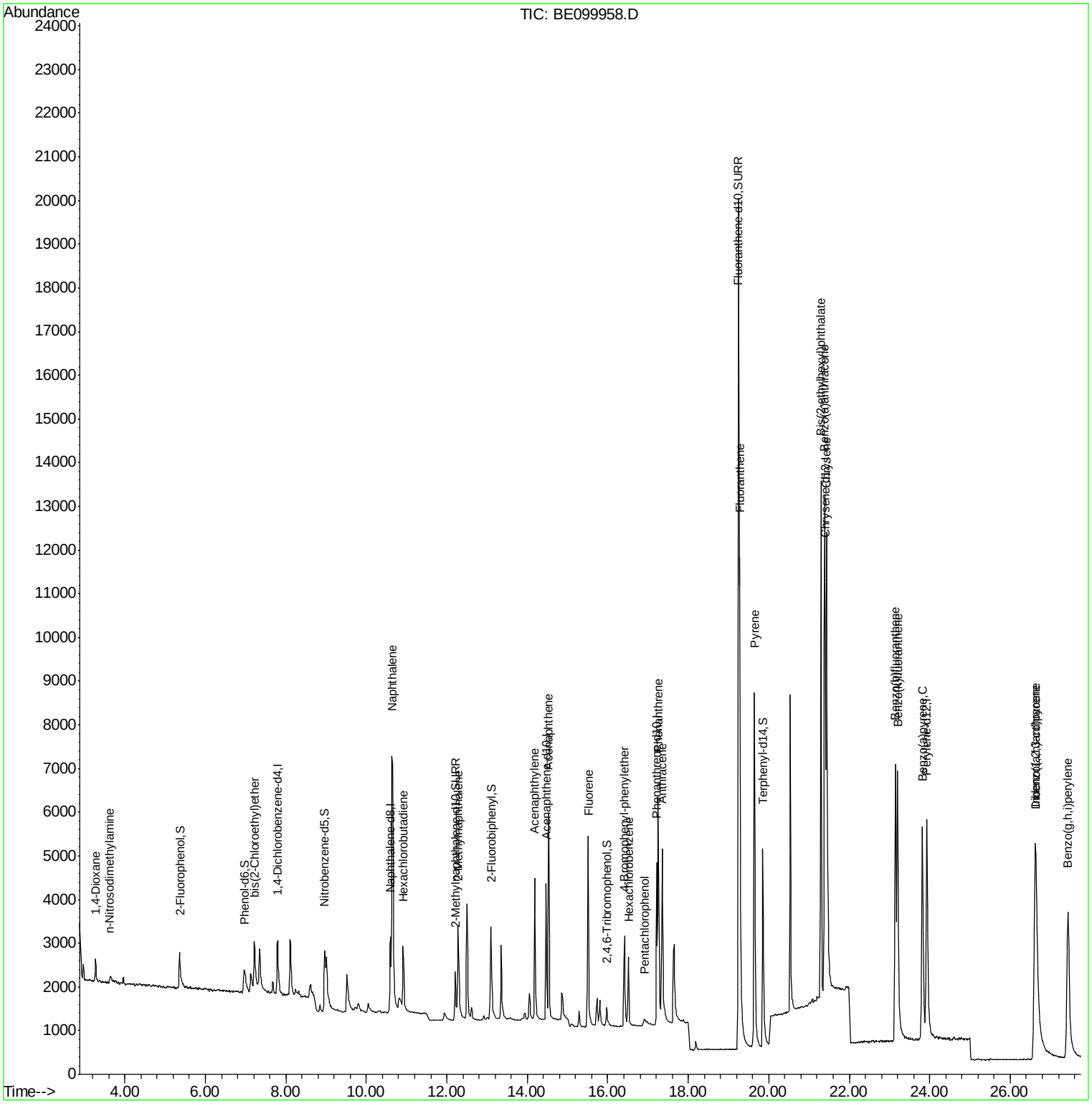
(#) = qualifier out of range (m) = manual integration (+) = signals summed

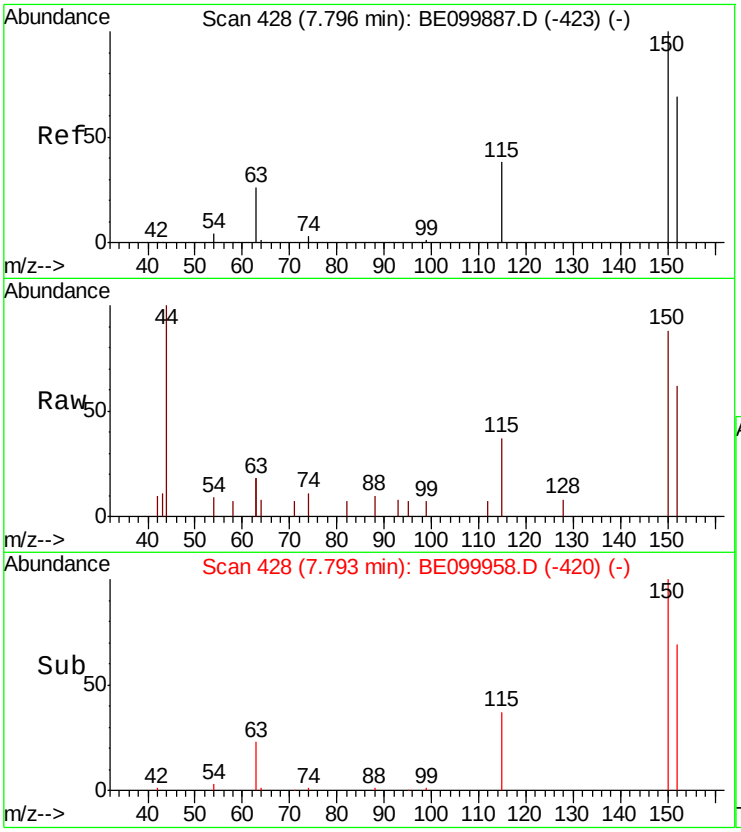
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
Data File : BE099958.D
Acq On : 12 Jun 2019 16:12
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 13 04:09:44 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



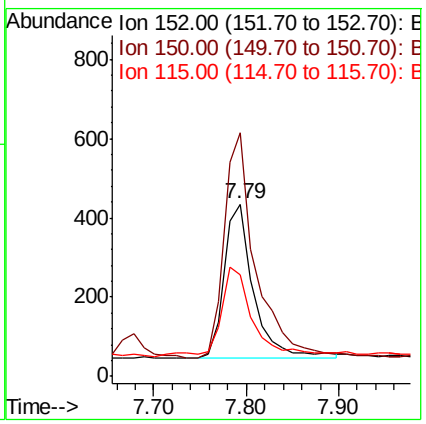


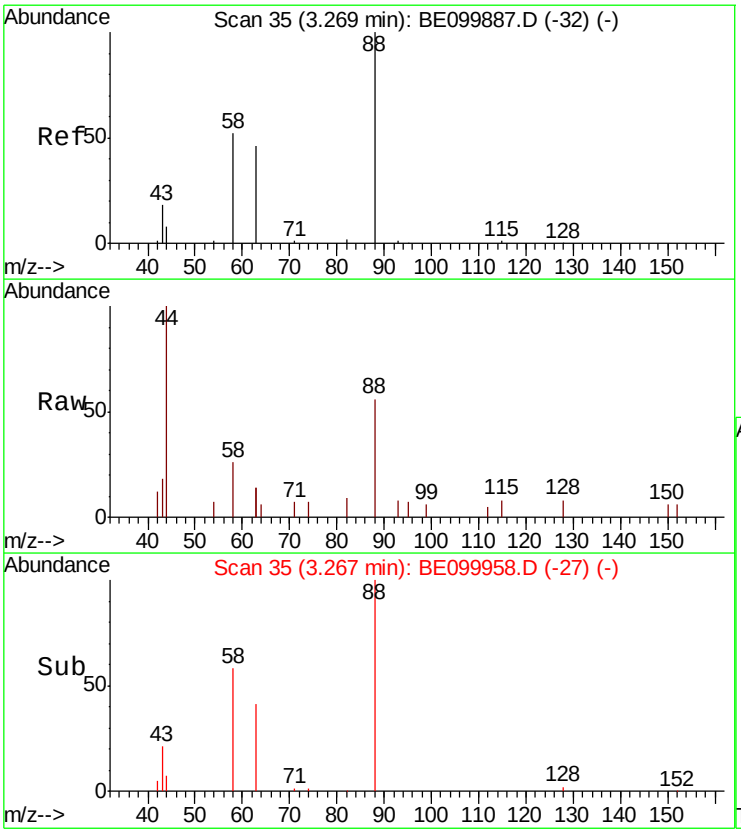
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 851

Ion	Ratio	Lower	Upper
152	100		
150	141.5	111.0	166.6
115	59.4	50.7	76.1

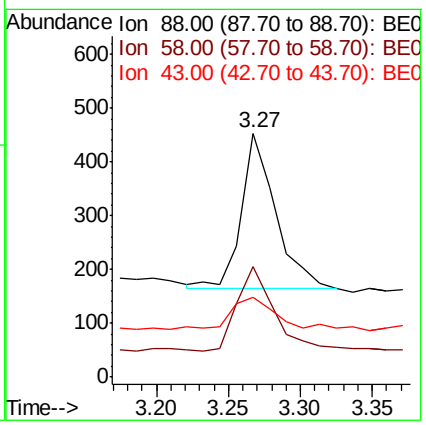


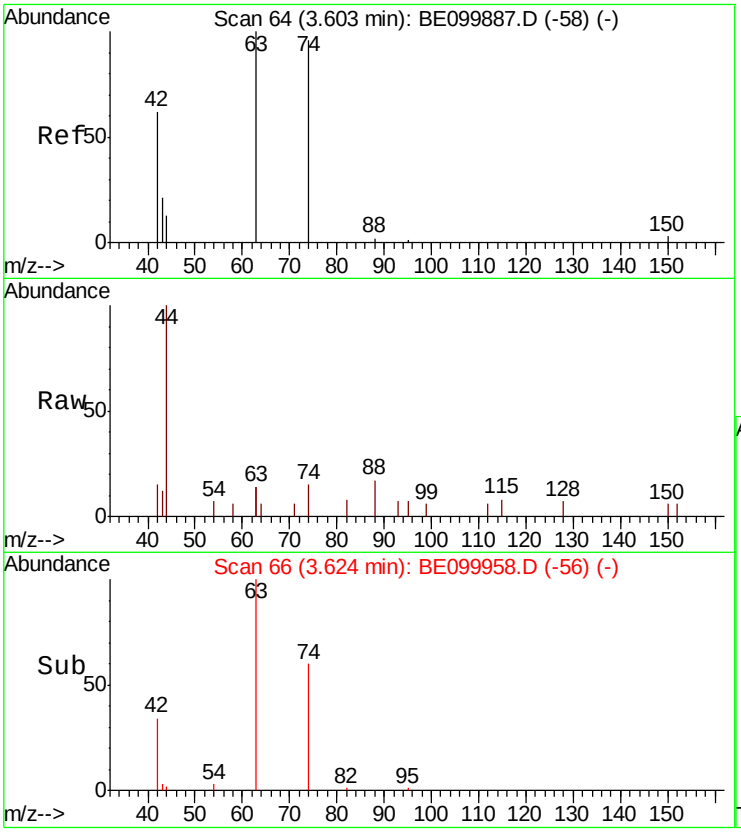


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion: 88 Resp: 482

Ion	Ratio	Lower	Upper
88	100		
58	57.5	48.8	73.2
43	26.1	19.0	28.6



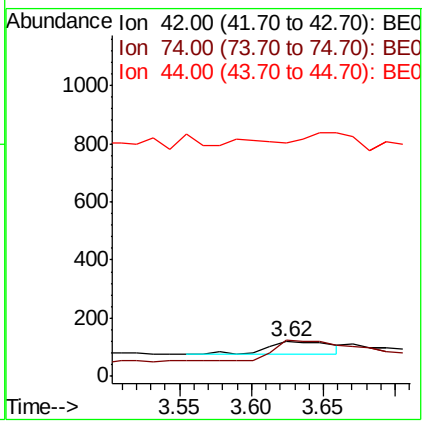


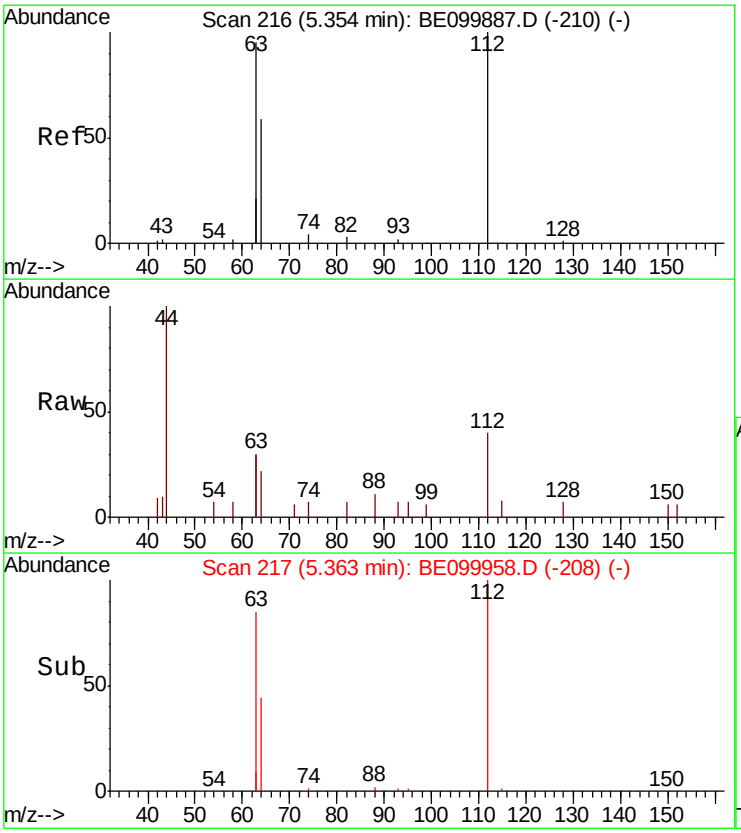
#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.02 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 120

Ion	Ratio	Lower	Upper
42	100		
74	165.0	0.0	0.0#
44	0.0	0.0	0.0

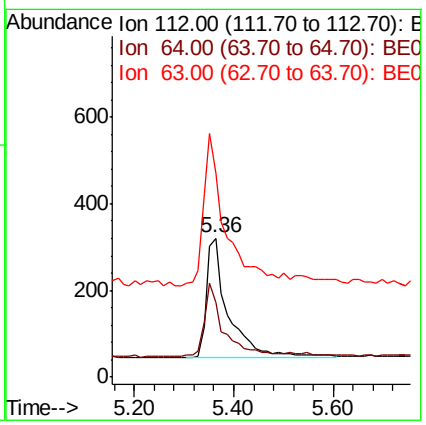


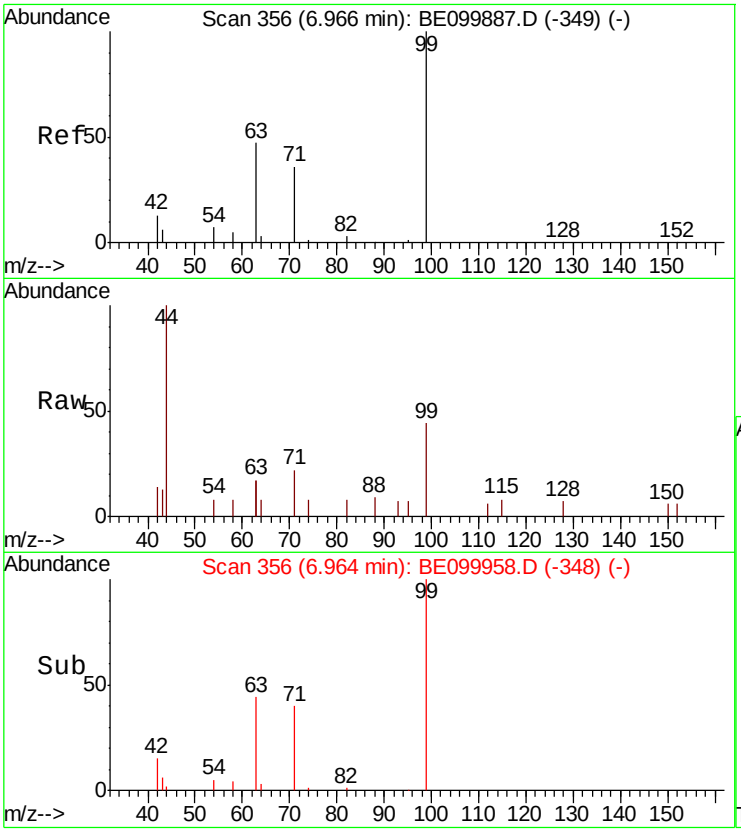


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:112 Resp: 864

Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	121.4	87.8	131.6



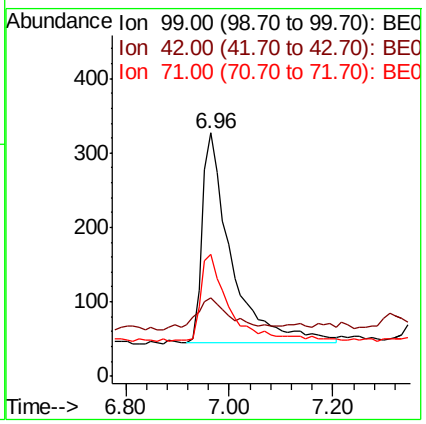


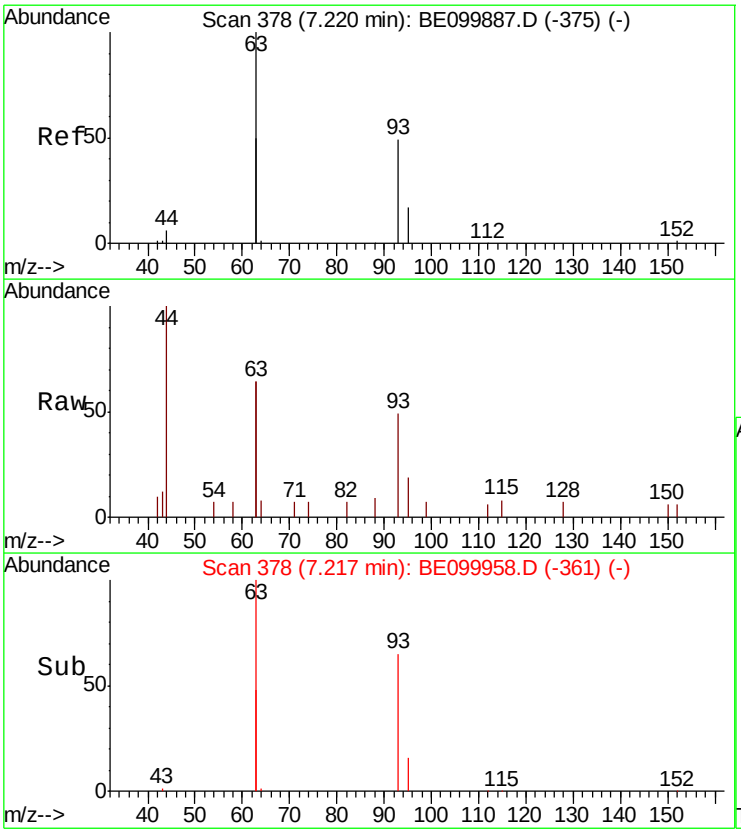
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1094

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.9	23.9#
71	38.7	34.6	52.0

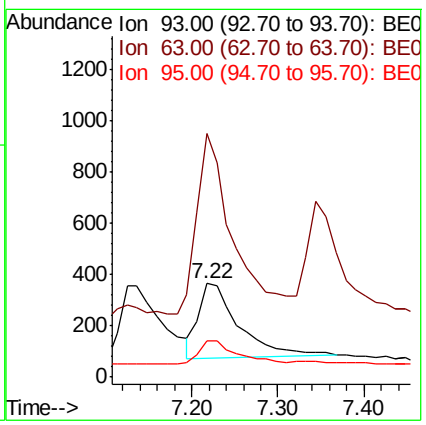


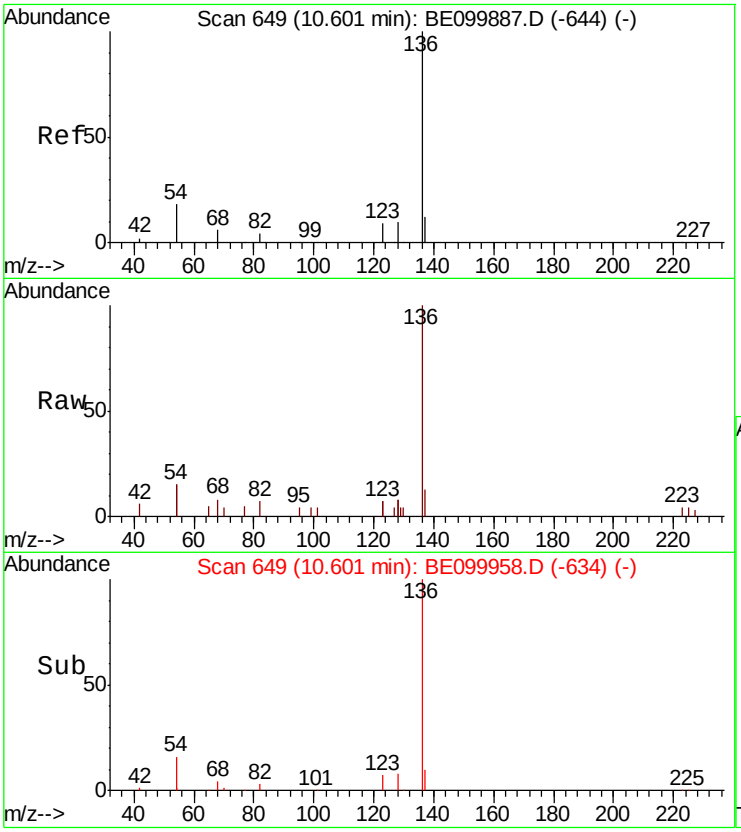


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion: 93 Resp: 952

Ion	Ratio	Lower	Upper
93	100		
63	211.2	202.8	304.2
95	29.3	23.7	35.5



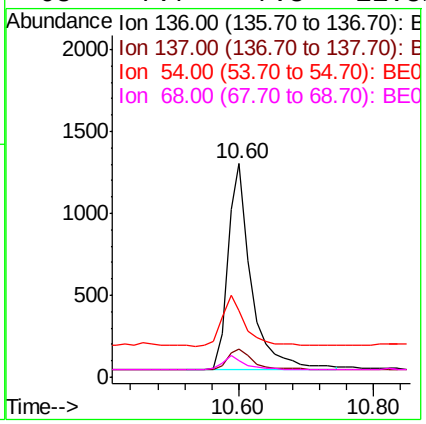


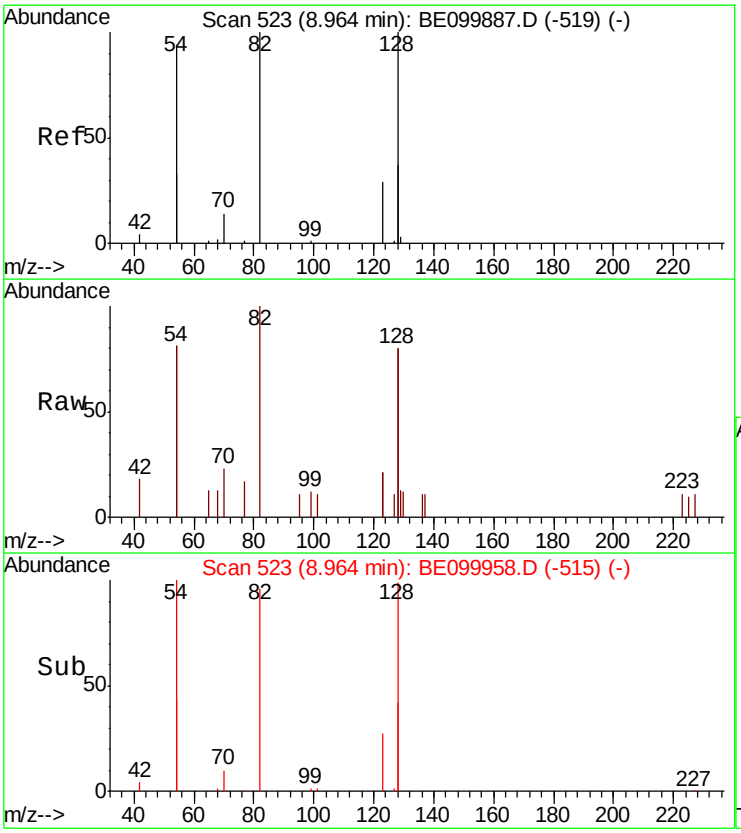
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 3084

Ion	Ratio	Lower	Upper
136	100		
137	13.4	12.3	18.5
54	31.0	28.2	42.4
68	7.7	7.8	11.8#

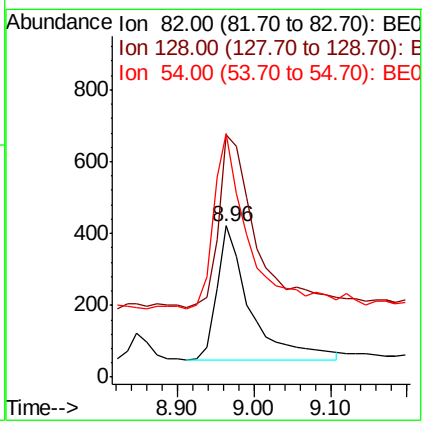


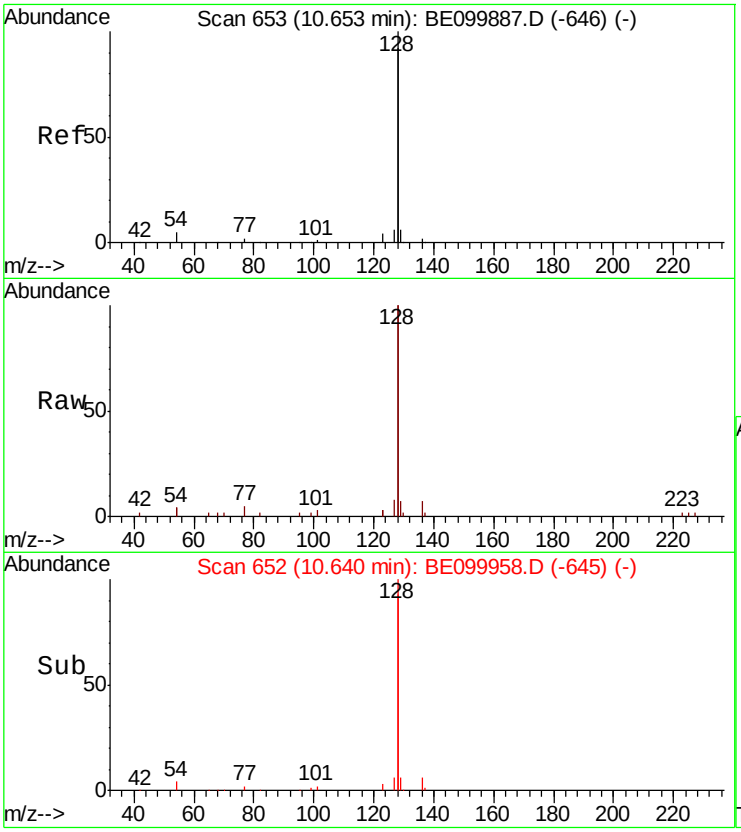


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion: 82 Resp: 1150

Ion	Ratio	Lower	Upper
82	100		
128	160.1	137.3	205.9
54	161.0	129.7	194.5



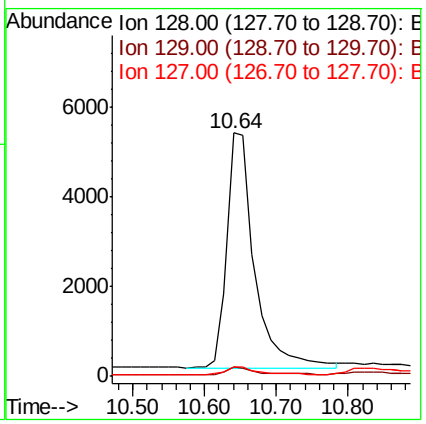


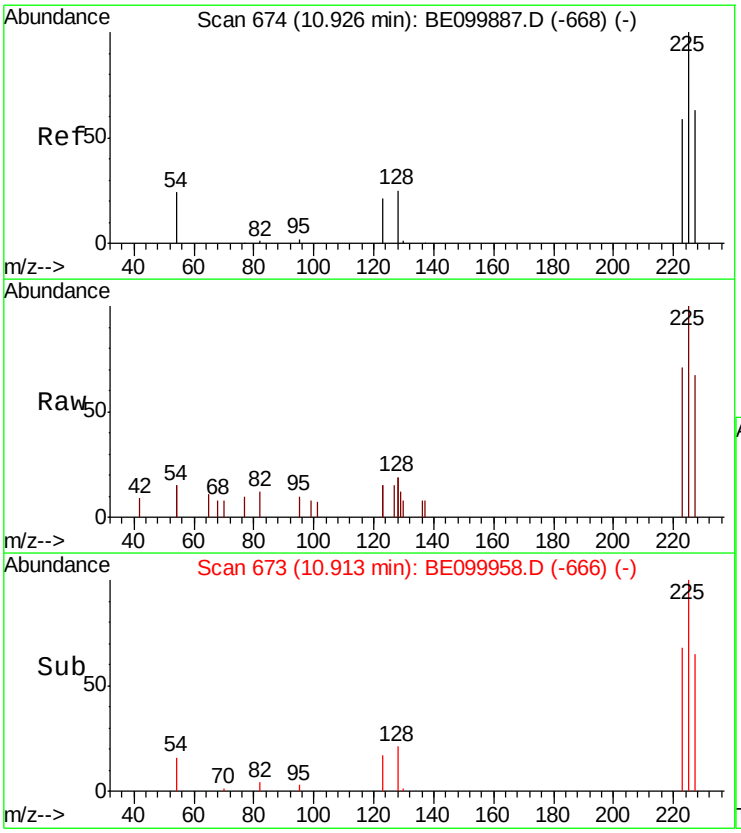
#9
Naphthalene
Concen: 0.420 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 13969

Ion	Ratio	Lower	Upper
128	100		
129	3.7	3.0	4.6
127	4.0	3.4	5.0

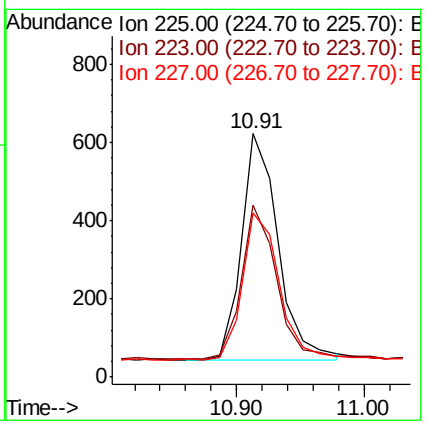


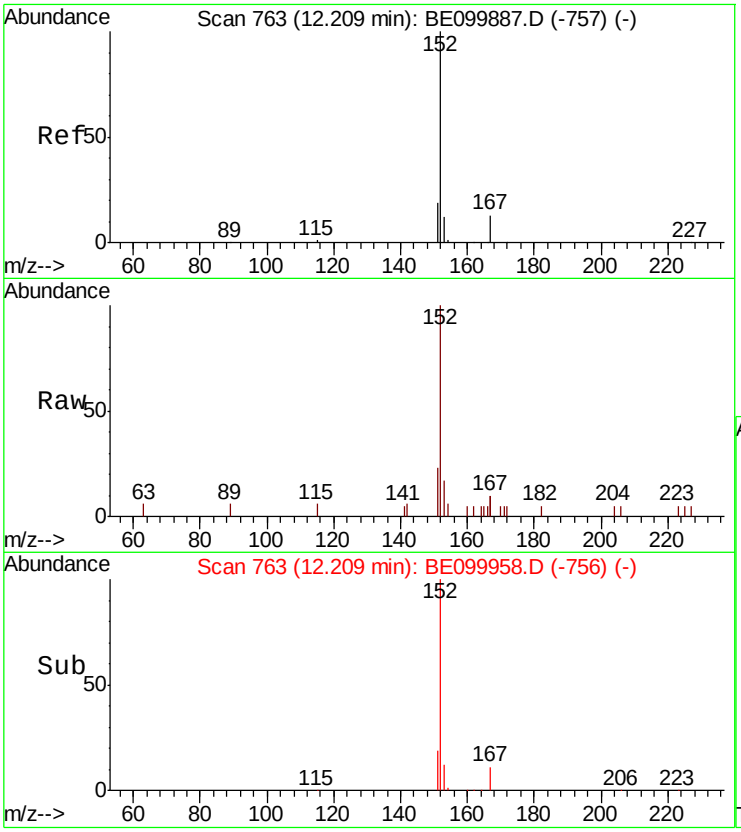


#10
Hexachlorobutadiene
Concen: 0.452 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:225 Resp: 1147

Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.6	77.4
227	65.6	50.6	76.0



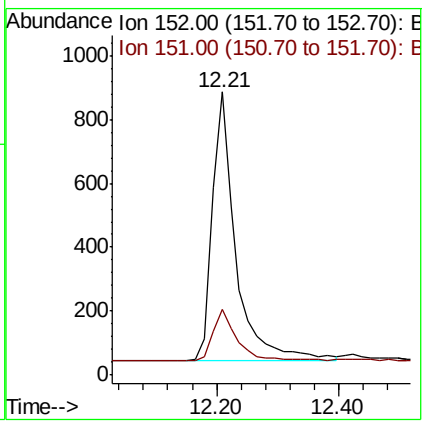


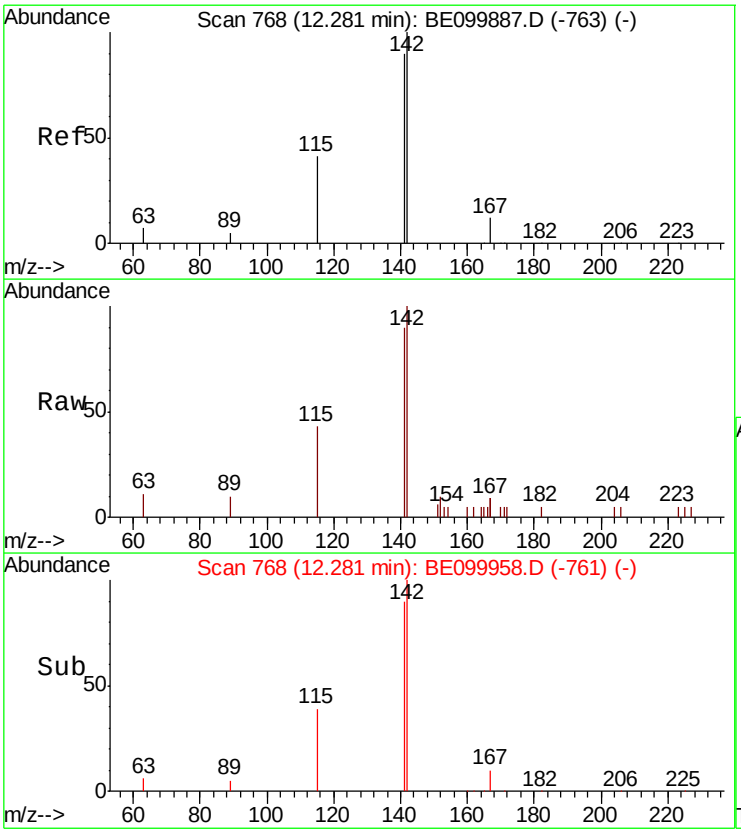
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2222

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.2	22.8

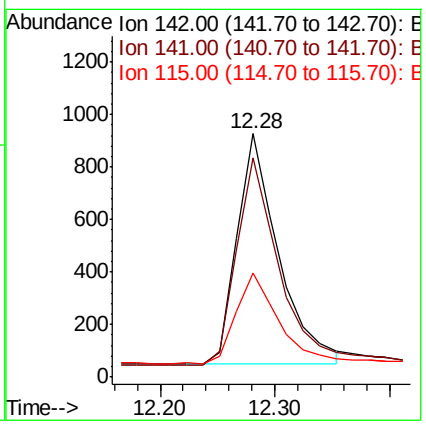


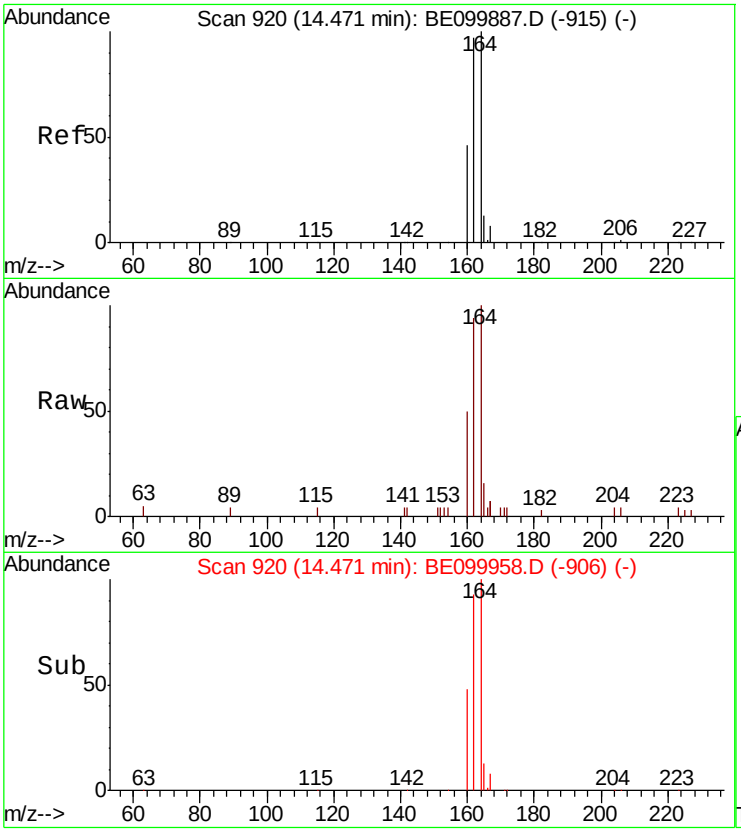


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:142 Resp: 2195

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	42.7	36.4	54.6



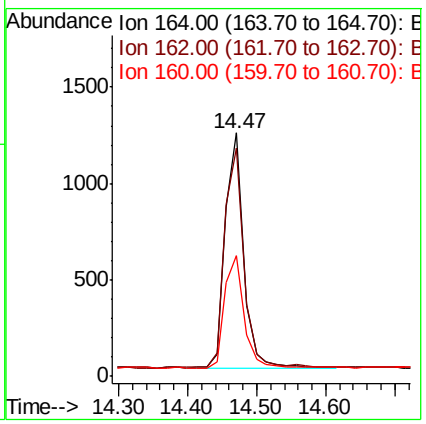


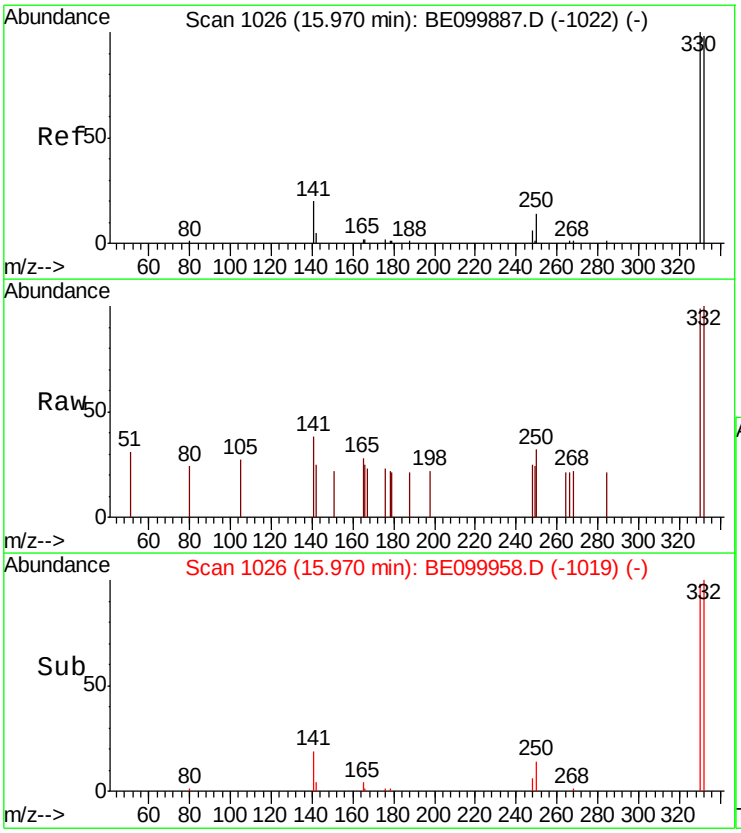
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 2264

Ion	Ratio	Lower	Upper
164	100		
162	93.7	77.8	116.8
160	49.6	38.2	57.4

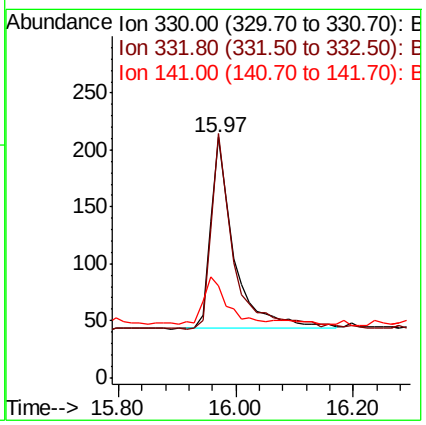


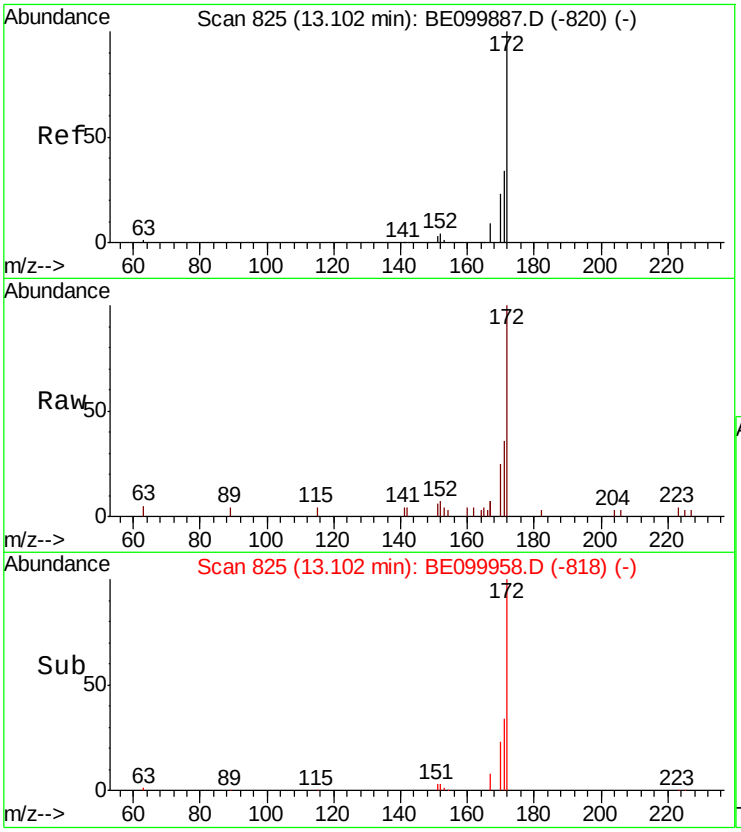


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	105.0	76.7	115.1
141	25.2	21.0	31.6



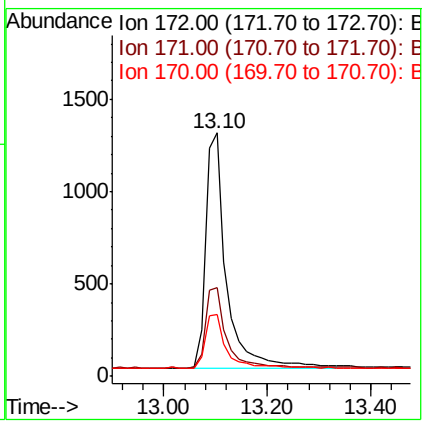


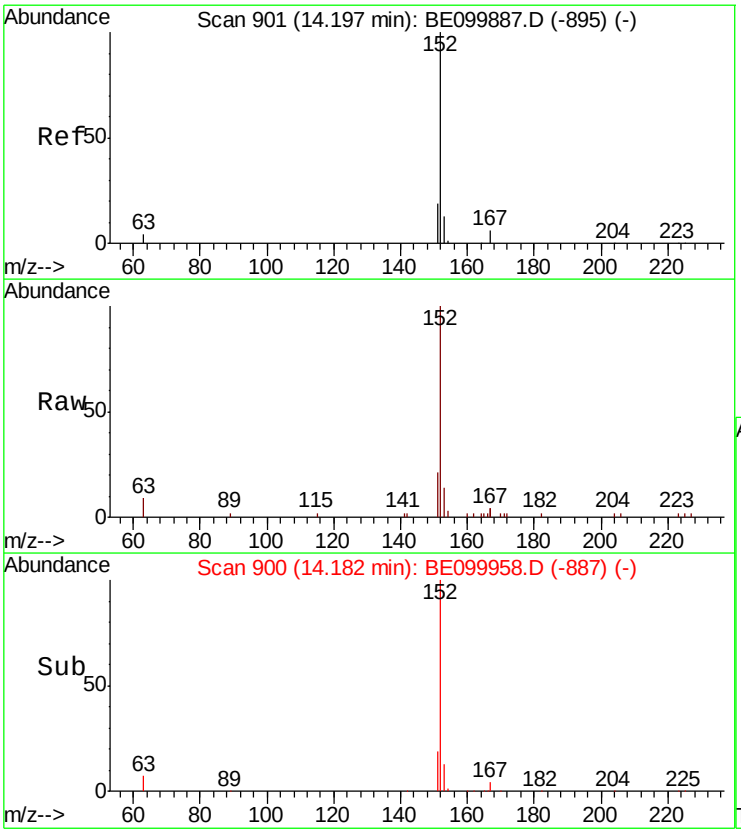
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3584

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	25.3	21.2	31.8

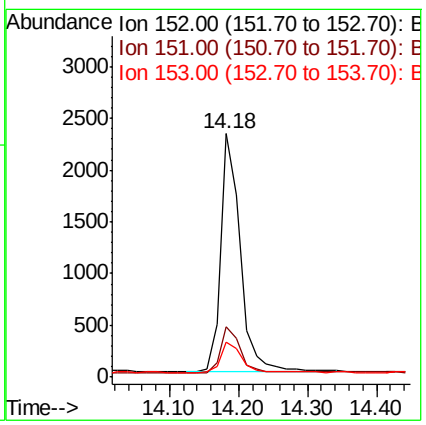


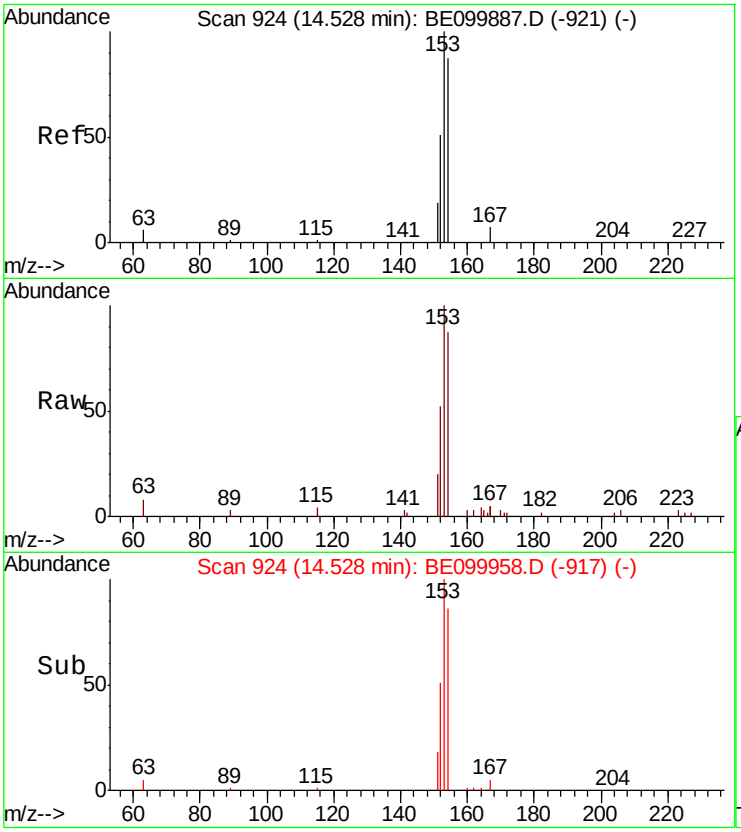


#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:152 Resp: 4589

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.2	15.2



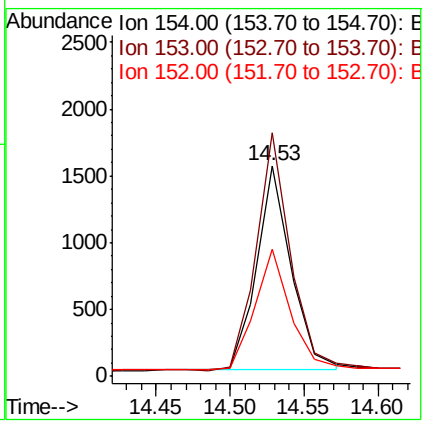


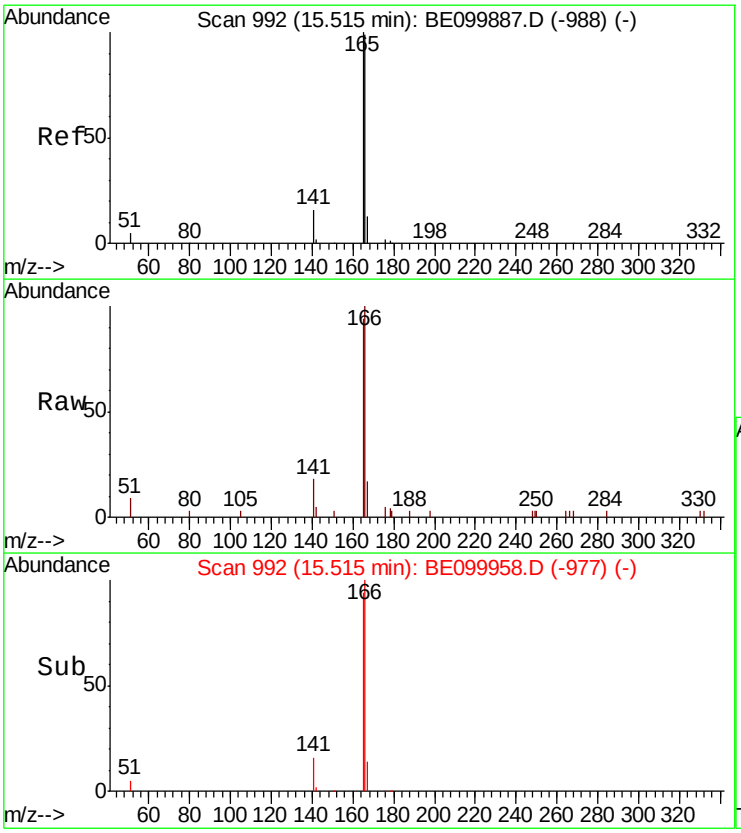
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2464

Ion	Ratio	Lower	Upper
154	100		
153	114.9	93.1	139.7
152	60.7	47.0	70.4

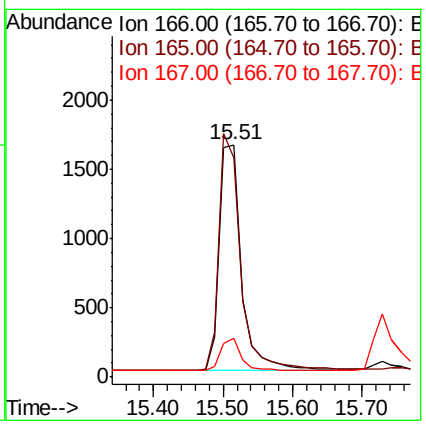


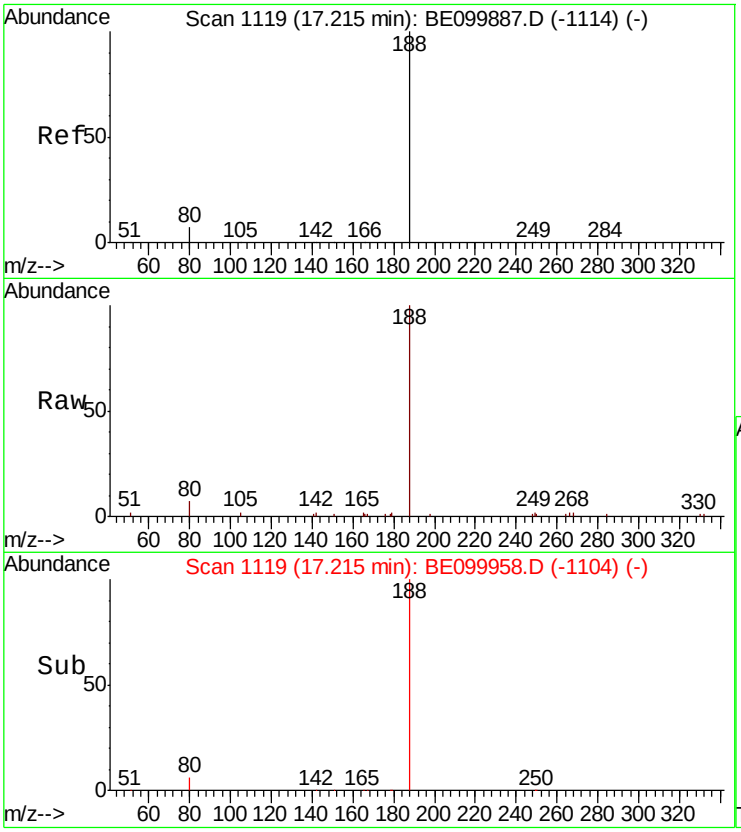


#18
Fluorene
Concen: 0.393 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:166 Resp: 3616

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.8	122.8
167	13.5	11.2	16.8



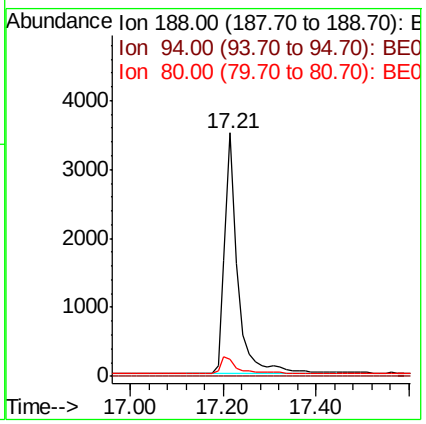


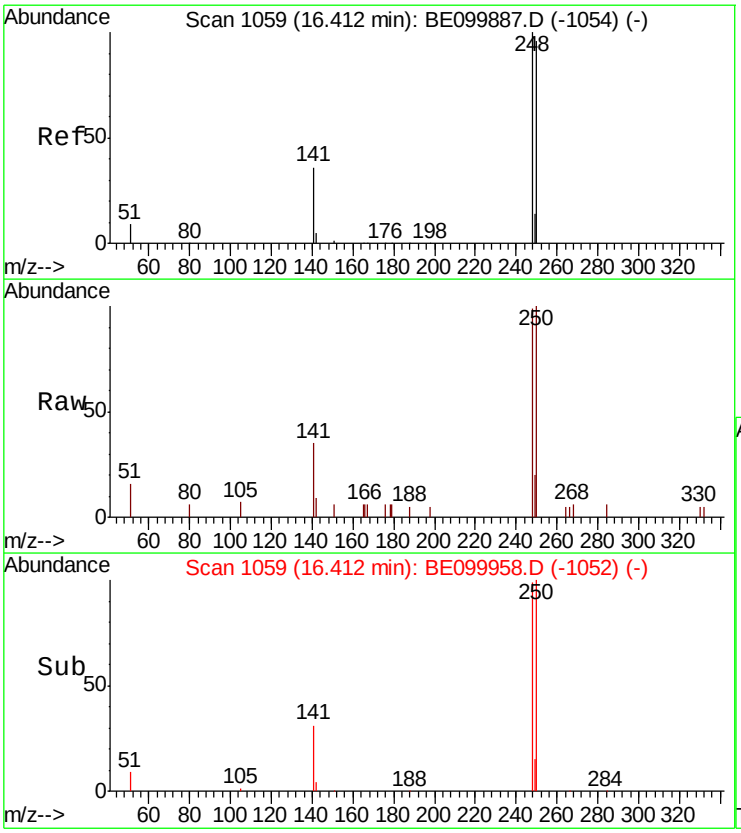
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 6821

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.4	9.6

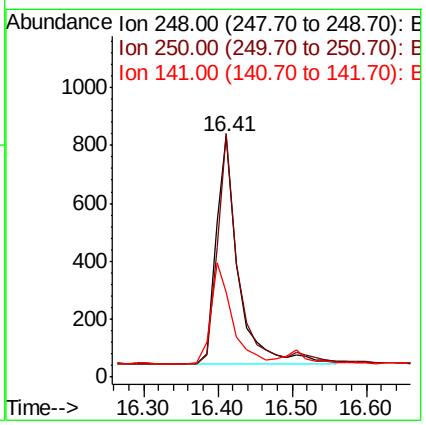


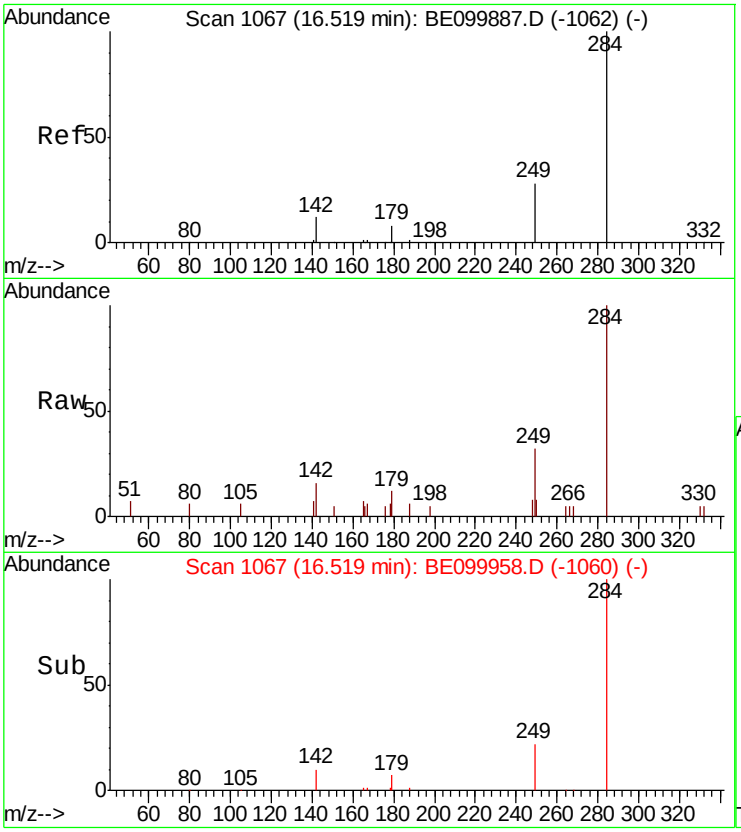


#20
4-Bromophenyl-phenylether
Concen: 0.431 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:248 Resp: 1664

Ion	Ratio	Lower	Upper
248	100		
250	101.2	77.5	116.3
141	35.4	31.8	47.8



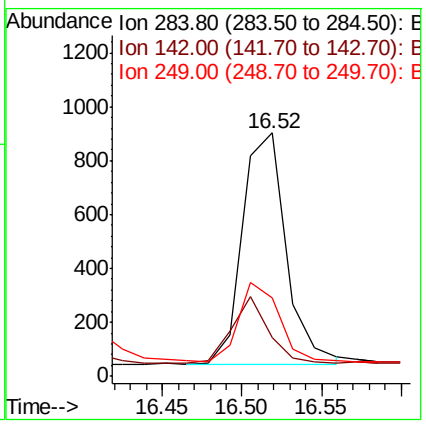


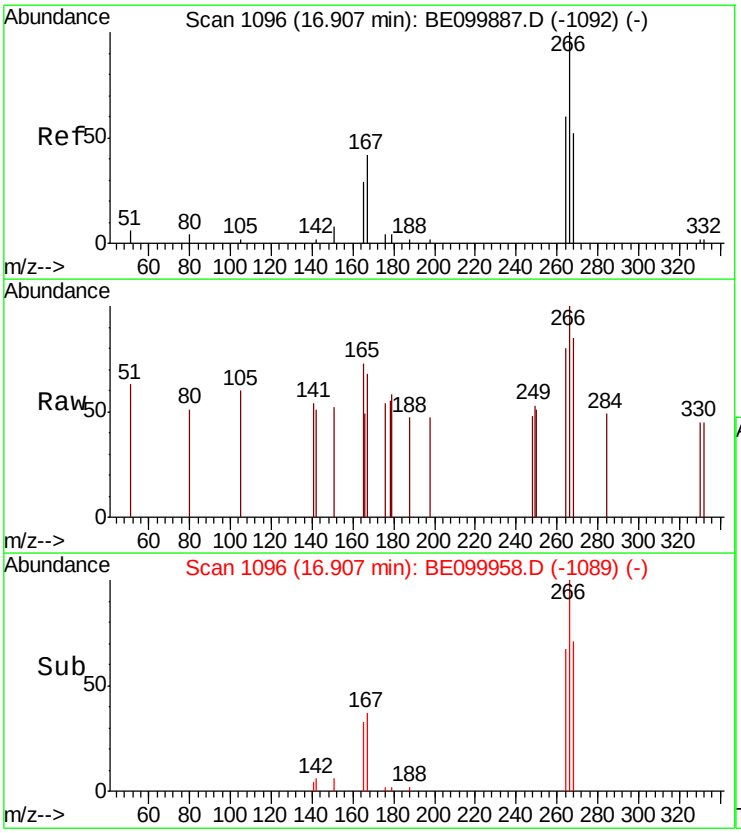
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1643

Ion	Ratio	Lower	Upper
284	100		
142	24.5	18.2	27.4
249	31.3	24.6	37.0

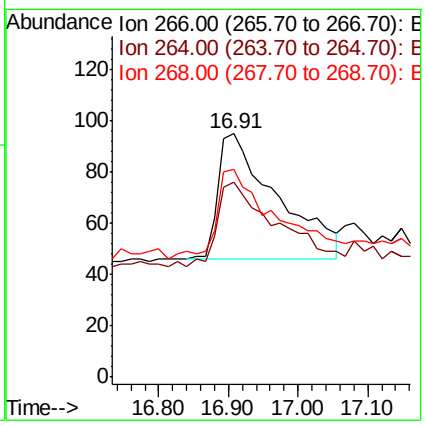


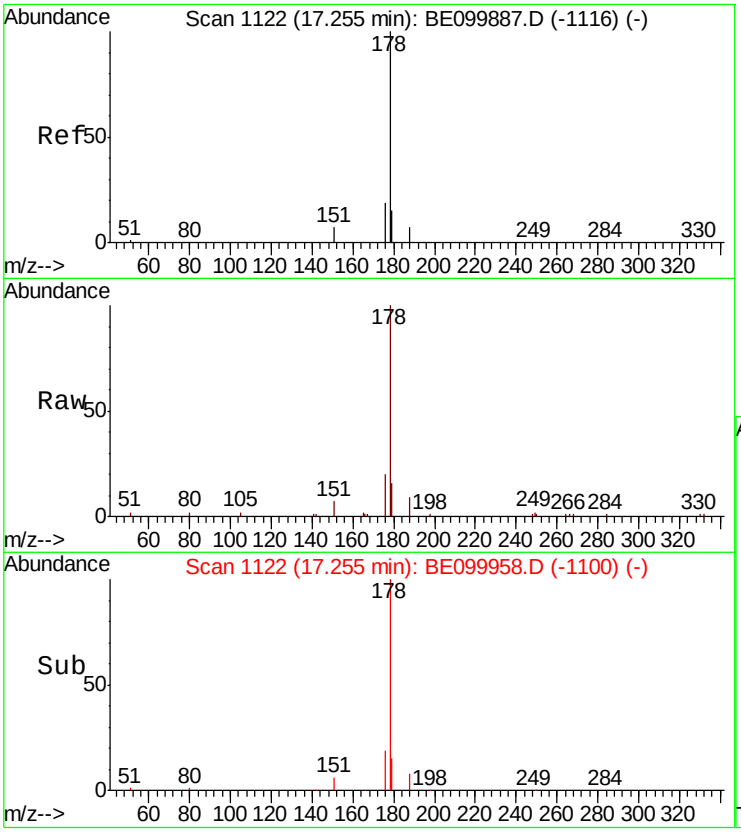


#22
Pentachlorophenol
Concen: 0.451 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:266 Resp: 288

Ion	Ratio	Lower	Upper
266	100		
264	80.0	62.2	93.2
268	85.3	65.5	98.3



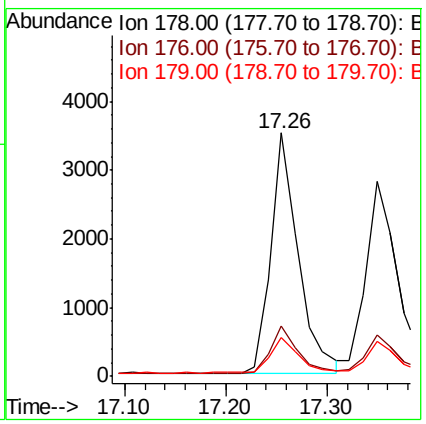


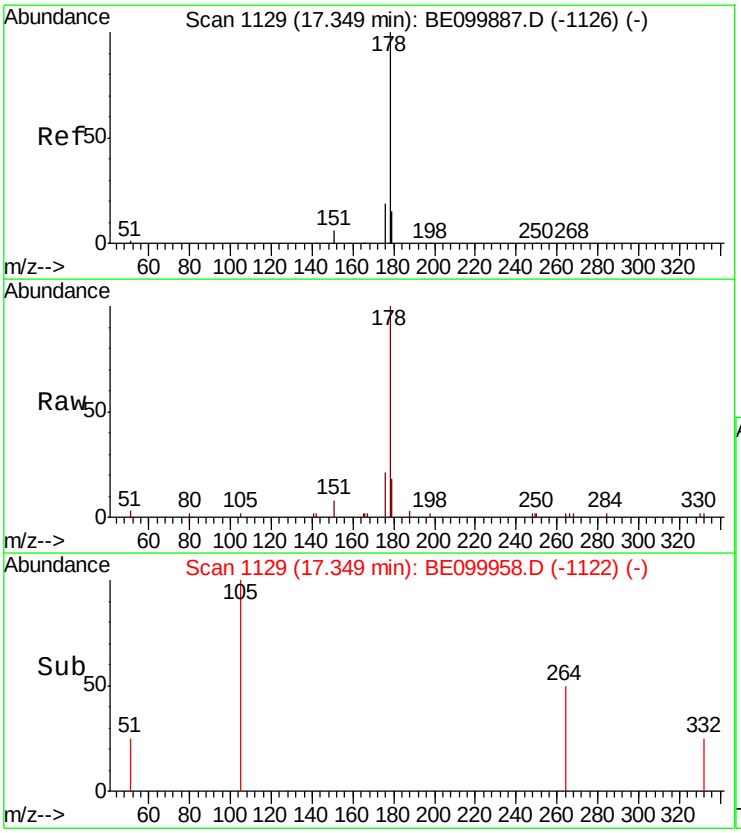
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6502

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.4	18.6

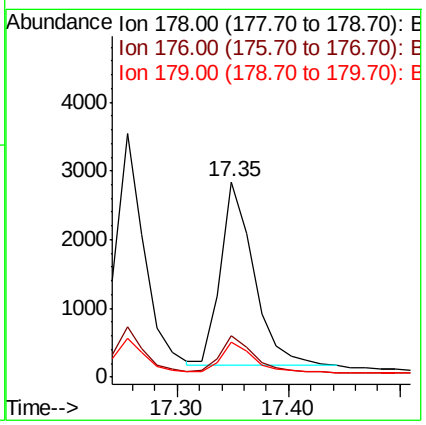


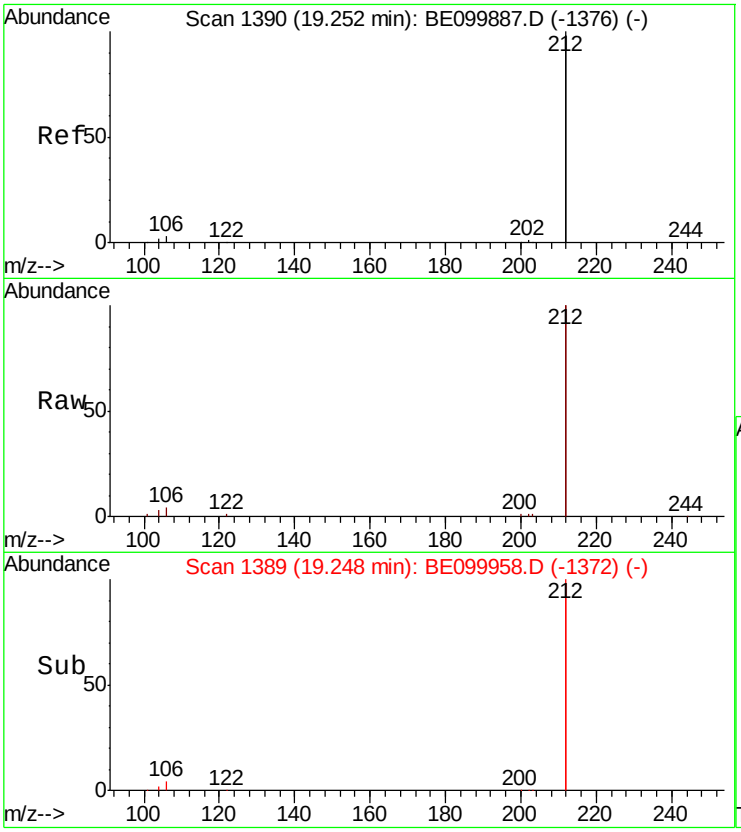


#24
Anthracene
Concen: 0.368 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:178 Resp: 5577

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	15.6	12.3	18.5



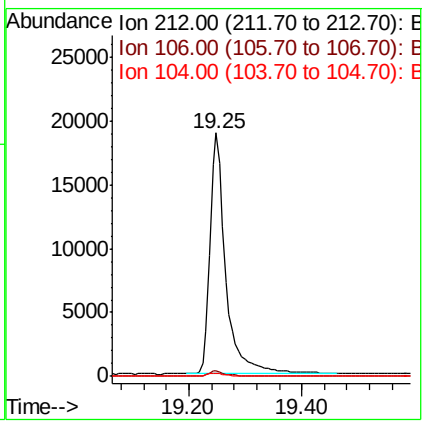


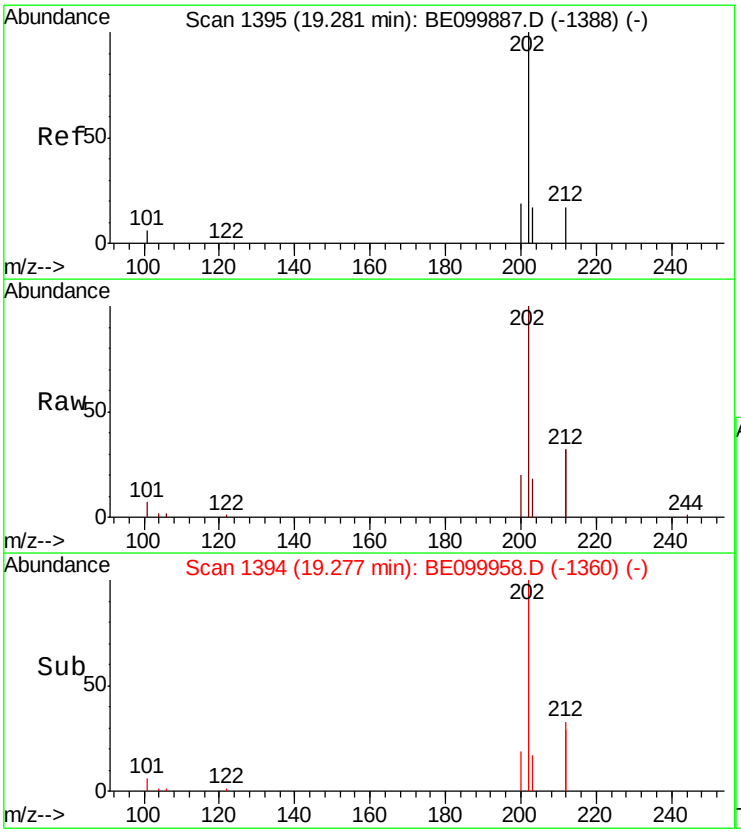
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 36860

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

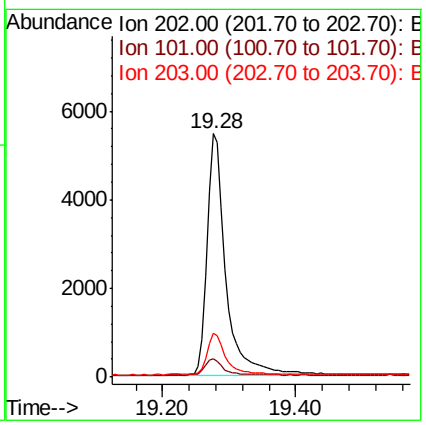


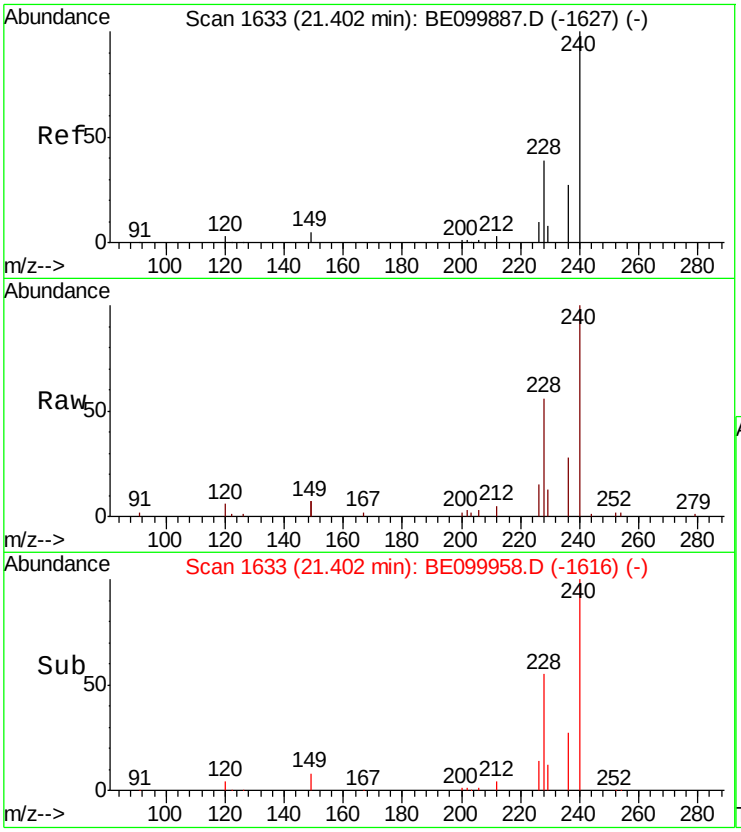


#26
Fluoranthene
Concen: 0.375 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:202 Resp: 10555

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.4	8.0
203	17.0	13.2	19.8



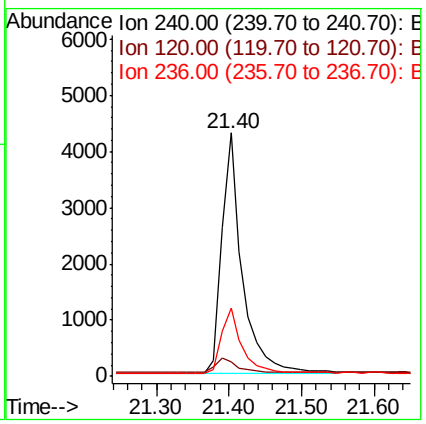


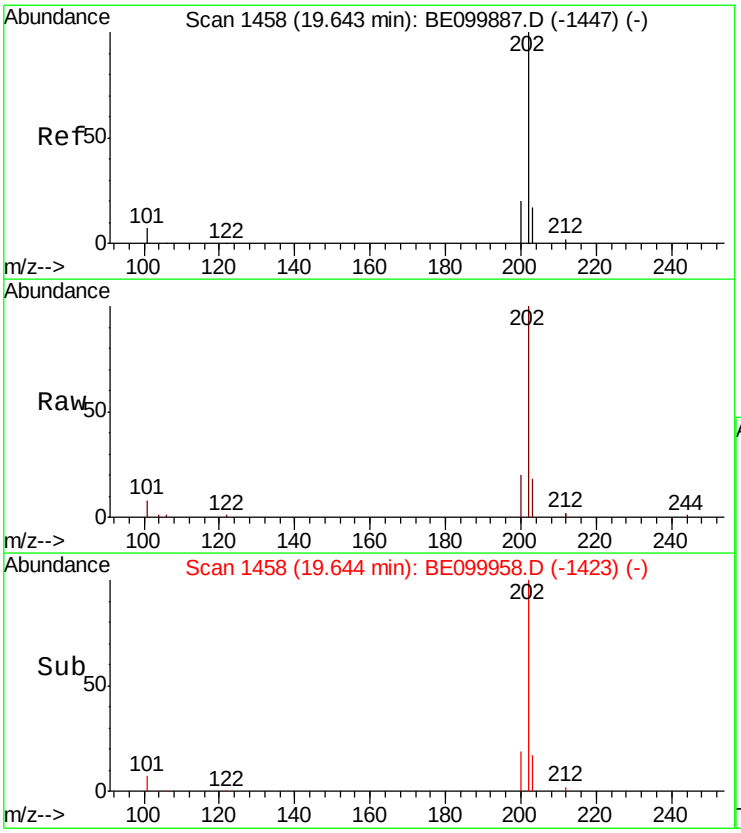
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8573

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.8	5.6#
236	28.0	22.0	33.0

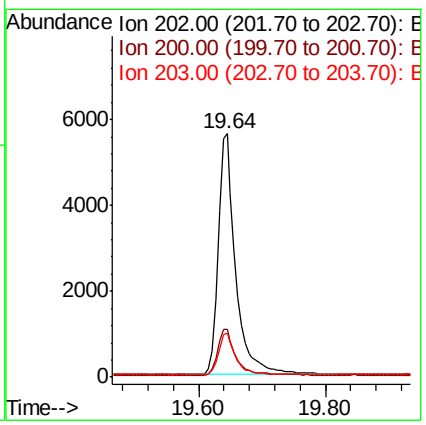


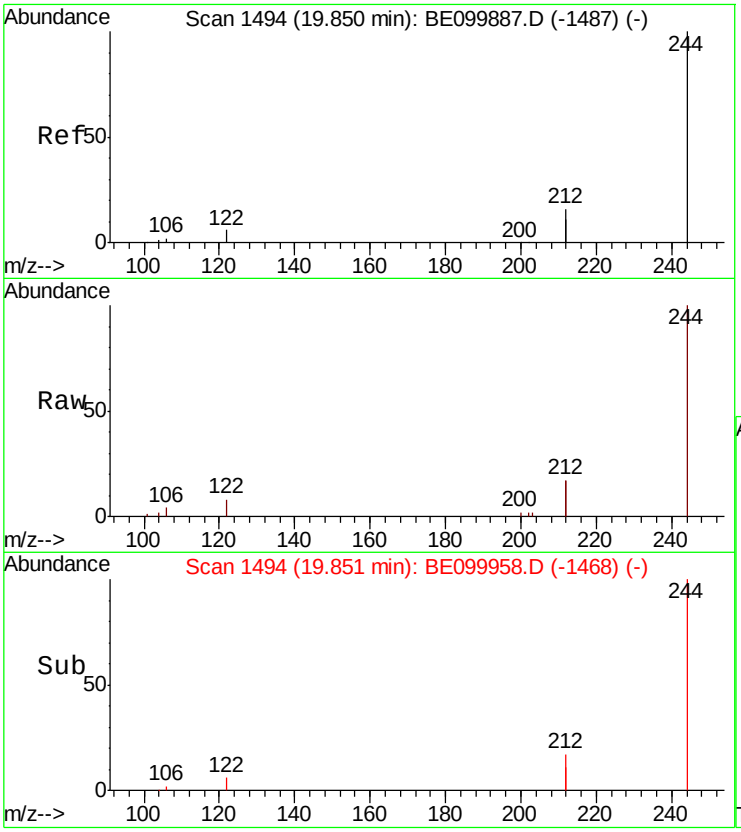


#28
Pyrene
Concen: 0.477 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:202 Resp: 10743

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.5	23.3
203	17.5	14.0	21.0



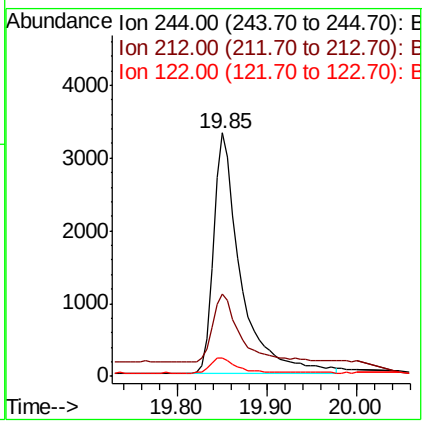


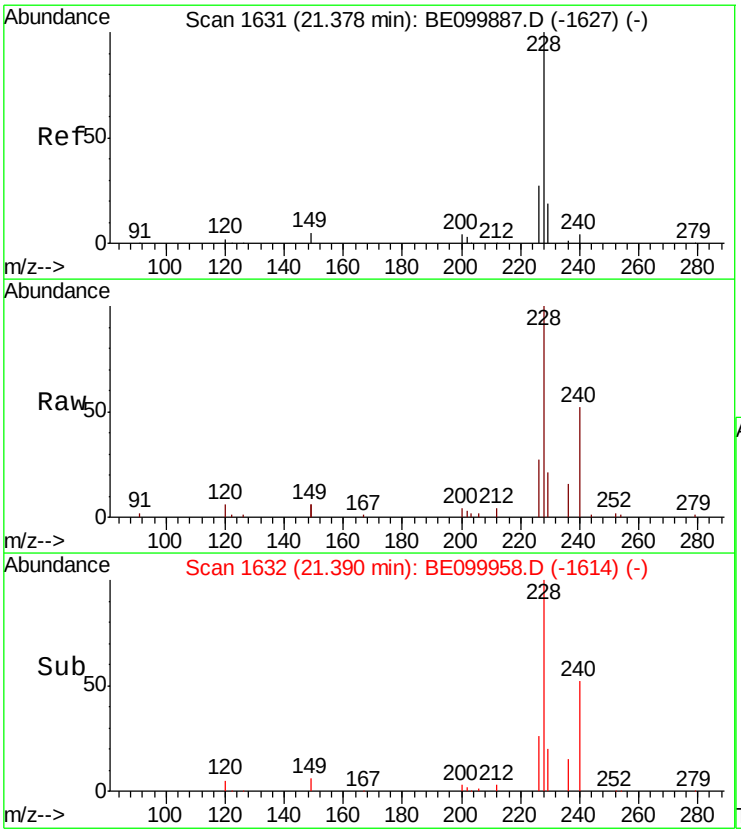
#29
Terphenyl-d14
Concen: 0.447 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 6901

Ion	Ratio	Lower	Upper
244	100		
212	33.7	25.7	38.5
122	7.6	5.5	8.3

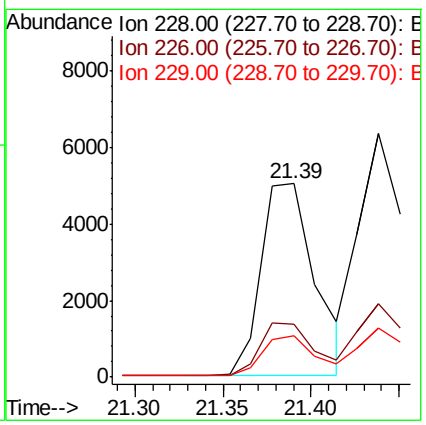


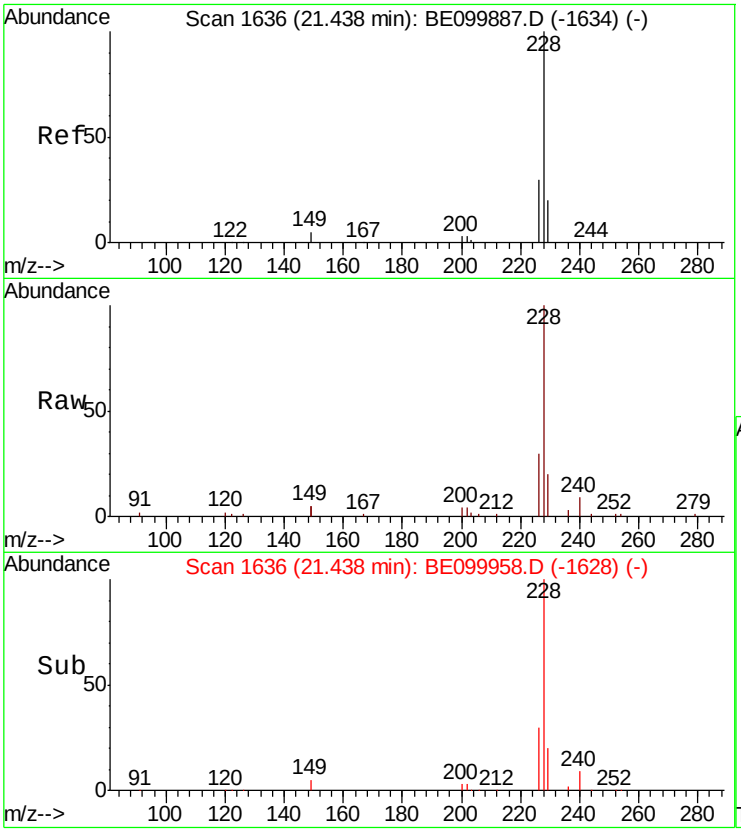


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:228 Resp: 10715

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.5	33.7
229	21.2	15.9	23.9



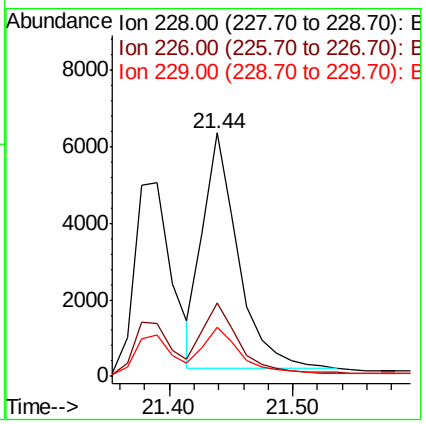


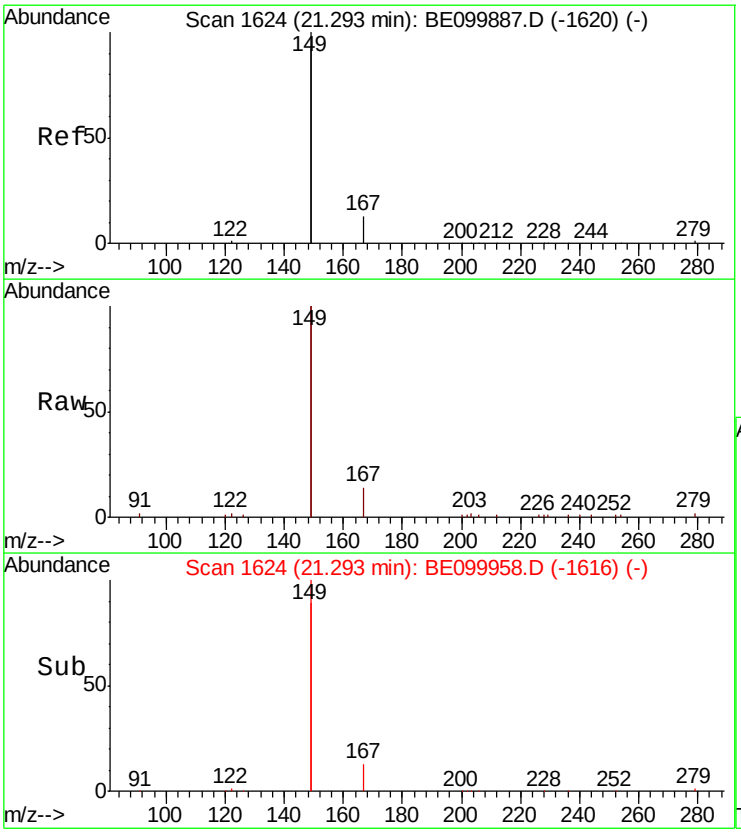
#31
Chrysene
Concen: 0.462 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12227

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.3	16.1	24.1

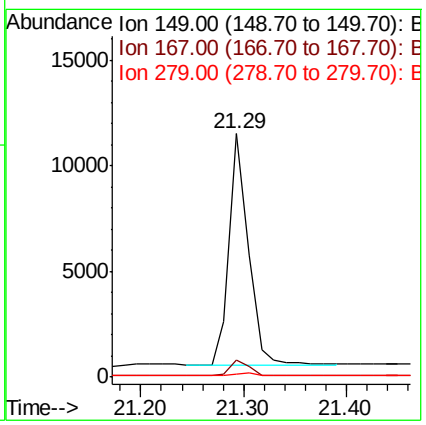


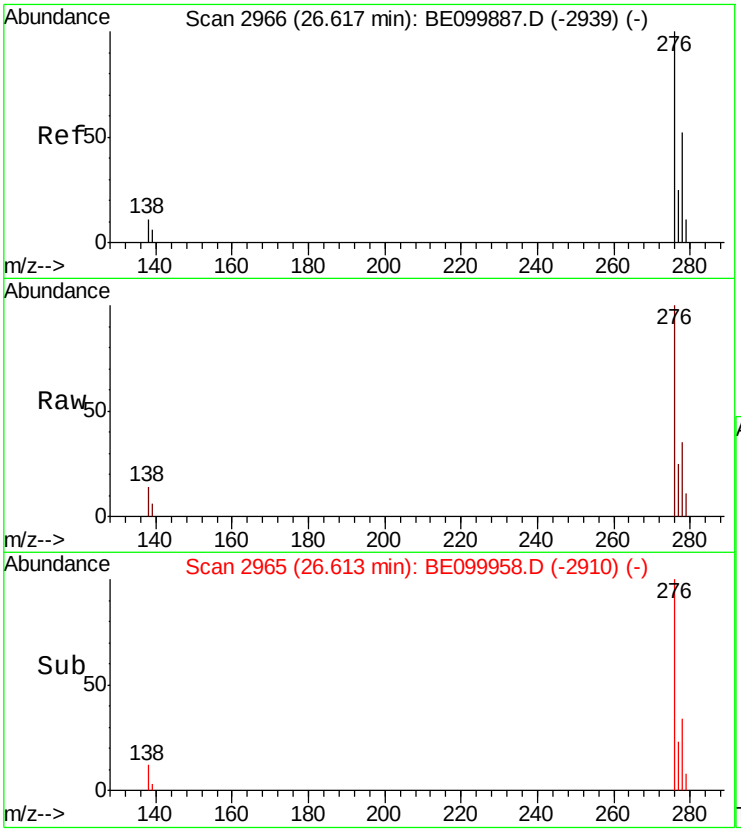


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.386 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:149 Resp: 14184

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.6	1.2	1.8



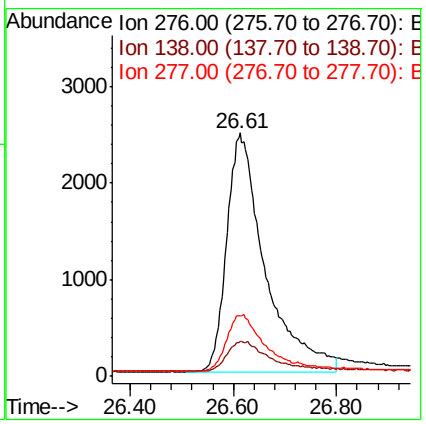


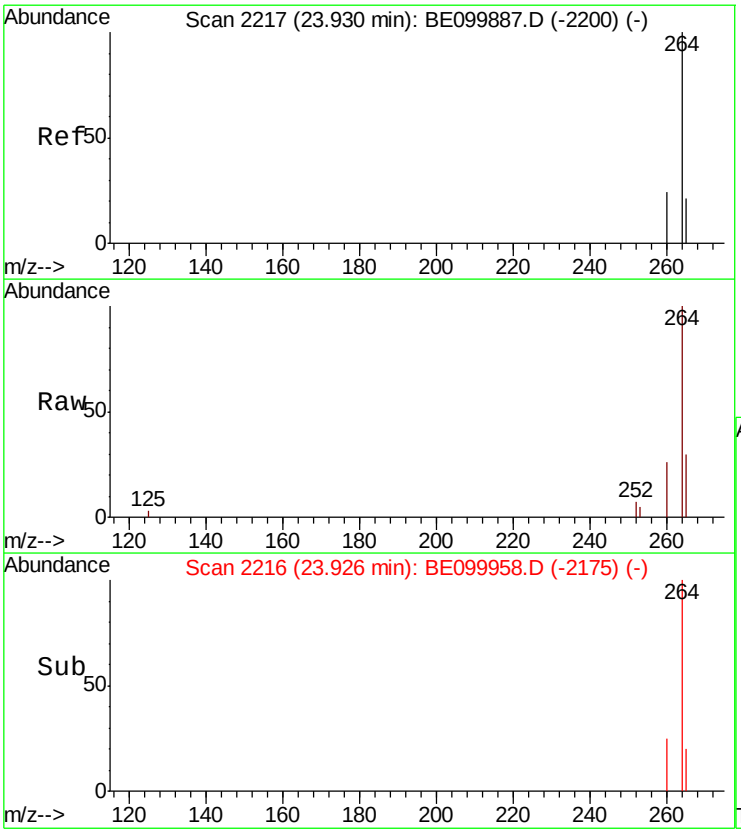
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12799

Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.1	15.1
277	22.4	19.1	28.7

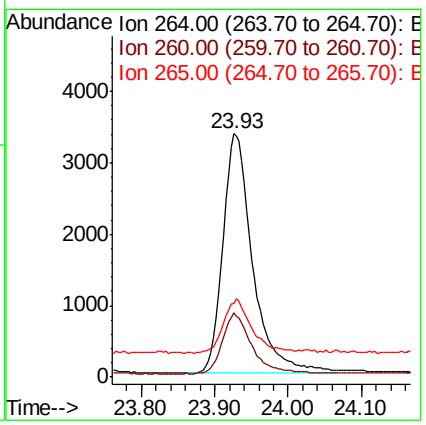


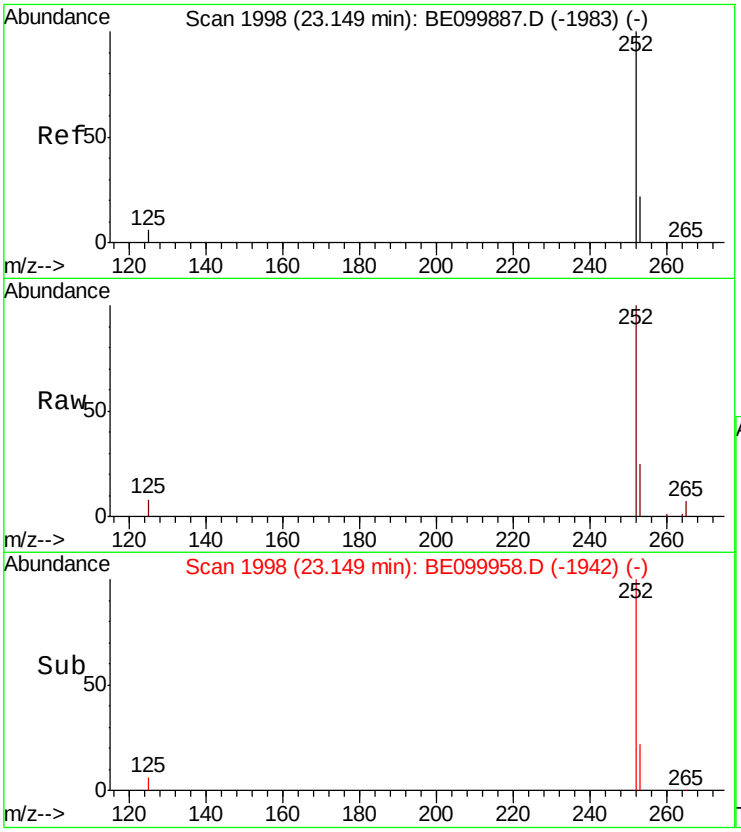


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:264 Resp: 9575

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	30.3	22.0	33.0



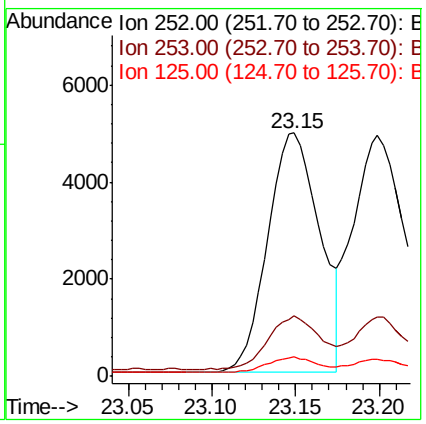


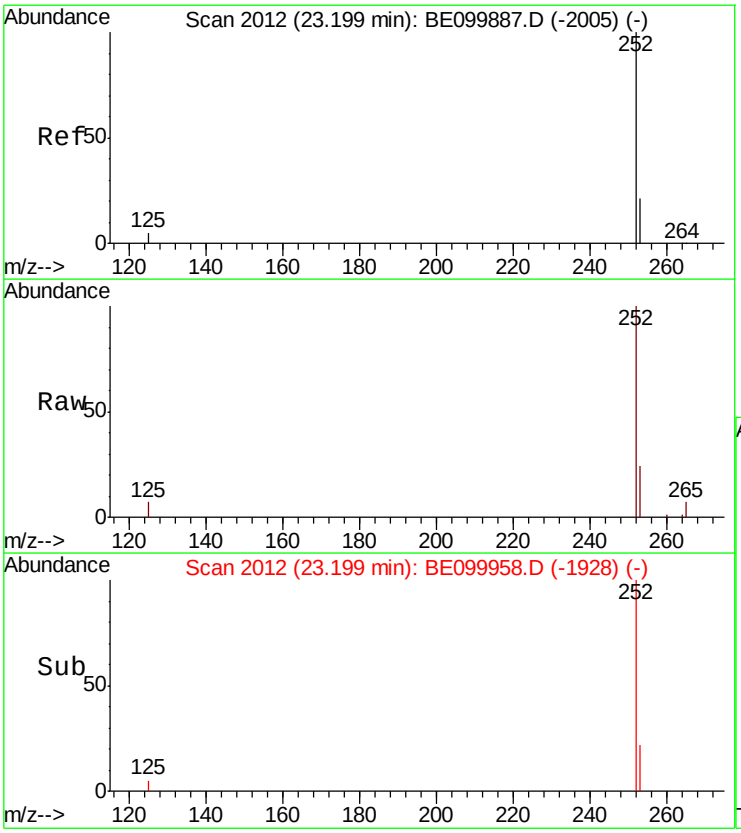
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10698

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	7.9	5.7	8.5

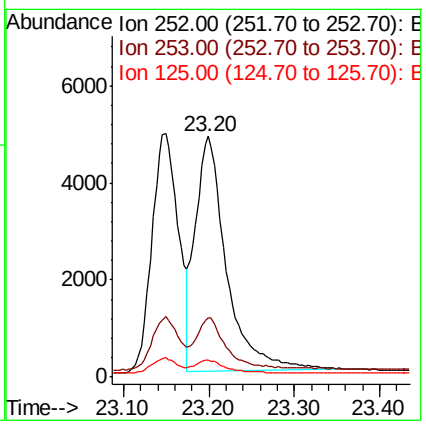


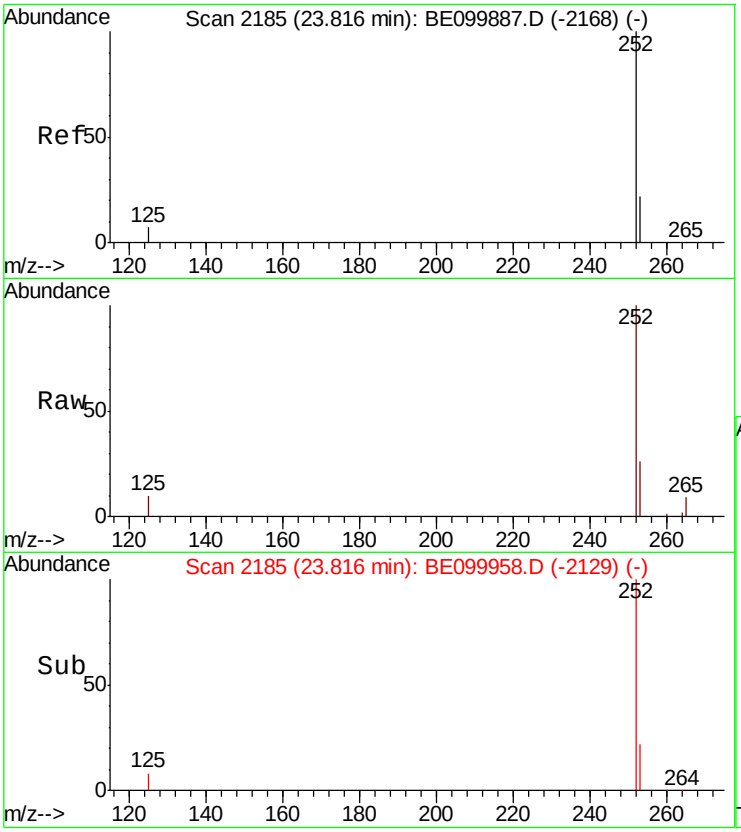


#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:252 Resp: 12190

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	6.9	5.4	8.0



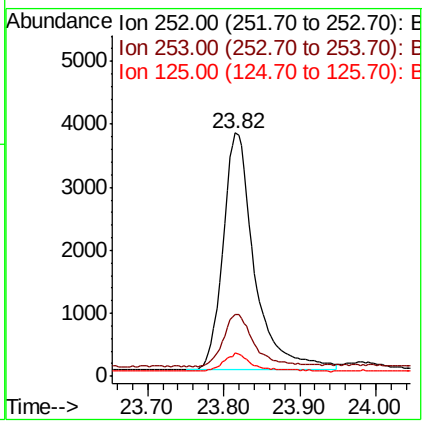


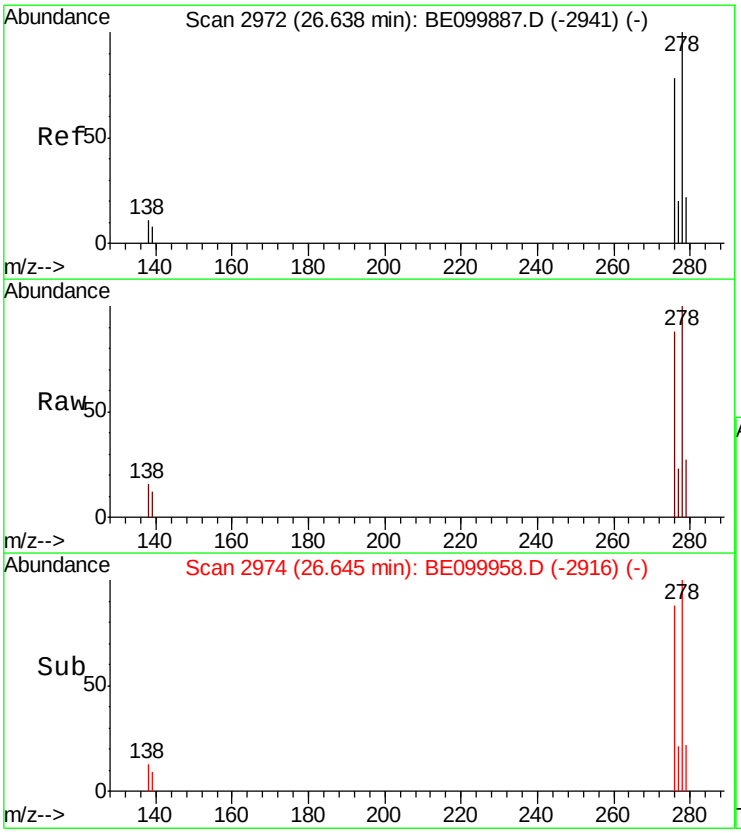
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10816

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.6	29.4
125	9.5	6.6	10.0

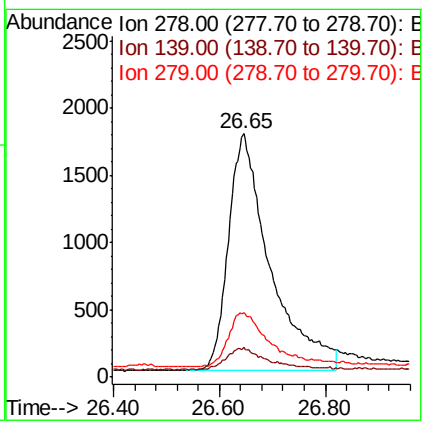


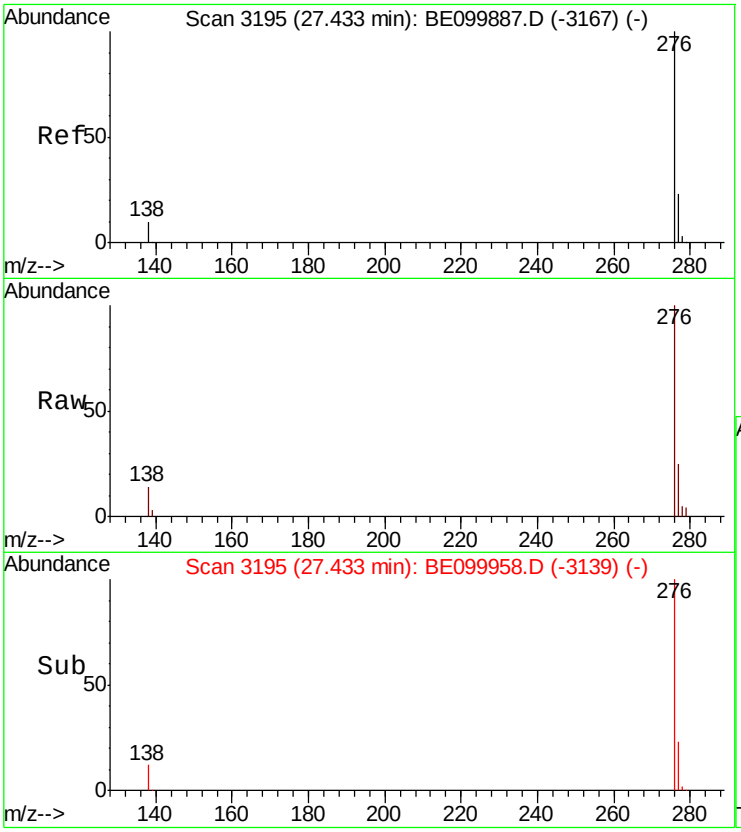


#38
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.65 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Tgt Ion:278 Resp: 9711

Ion	Ratio	Lower	Upper
278	100		
139	12.3	7.8	11.8#
279	26.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.43 min Scan# 3195
Delta R.T. 0.00 min
Lab File: BE099958.D
Acq: 12 Jun 2019 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 11331

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.5	29.3
138	13.9	9.5	14.3