Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100036.D
Acq On : 14 Jun 2019 22:58
Operator : JU/SJ
Sample : K3284-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-TT-SW4003-20190610

Quant Time: Jun 15 00:51:24 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	833	0.40	ng		-0.01
7) Naphthalene-d8	10.59	136	3120	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	2657	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	8028	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	9937	0.40	ng		-0.01
34) Perylene-d12	23.92	264	11960	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	353	0.16	ng		0.00
5) Phenol-d6	6.95	99	290	0.10	ng		-0.01
8) Nitrobenzene-d5	8.95	82	1302	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	1944	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	829	0.42	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	3948	0.39	ng		-0.03
25) Fluoranthene-d10	19.24	212	37480	0.32	ng		-0.02
29) Terphenyl-d14	19.83	244	10448	0.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	55	0.045	ng	#	1
3) n-Nitrosodimethylamine	3.57	42	111	0.156	ng	#	100
6) bis(2-Chloroethyl)ether	7.13	93	245	0.104	ng	#	1
9) Naphthalene	10.64	128	1038	0.031	ng	#	79
18) Fluorene	15.50	166	260	0.024	ng	#	86
22) Pentachlorophenol	16.88	266	307	0.437	ng	#	44
23) Phenanthrene	17.24	178	12416	0.637	ng		99
24) Anthracene	17.34	178	802	0.045	ng	#	82
26) Fluoranthene	19.27	202	59205	1.788	ng		98
28) Pyrene	19.63	202	44110	1.690	ng		97
30) Benzo(a)anthracene	21.43	228	59711	2.011	ng		95
31) Chrysene	21.43	228	57354	1.868	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	39377	0.924	ng		99
33) Indeno(1,2,3-cd)pyrene	26.59	276	27247	0.748	ng		100
35) Benzo(b)fluoranthene	23.14	252	56136	1.675	ng	#	97
36) Benzo(k)fluoranthene	23.14	252	56136	1.601	ng	#	96
37) Benzo(a)pyrene	23.80	252	22654	0.686	ng	#	91
38) Dibenzo(a,h)anthracene	26.61	278	5129	0.154	ng	#	73
39) Benzo(g,h,i)perylene	27.42	276	28444	0.828	ng		99

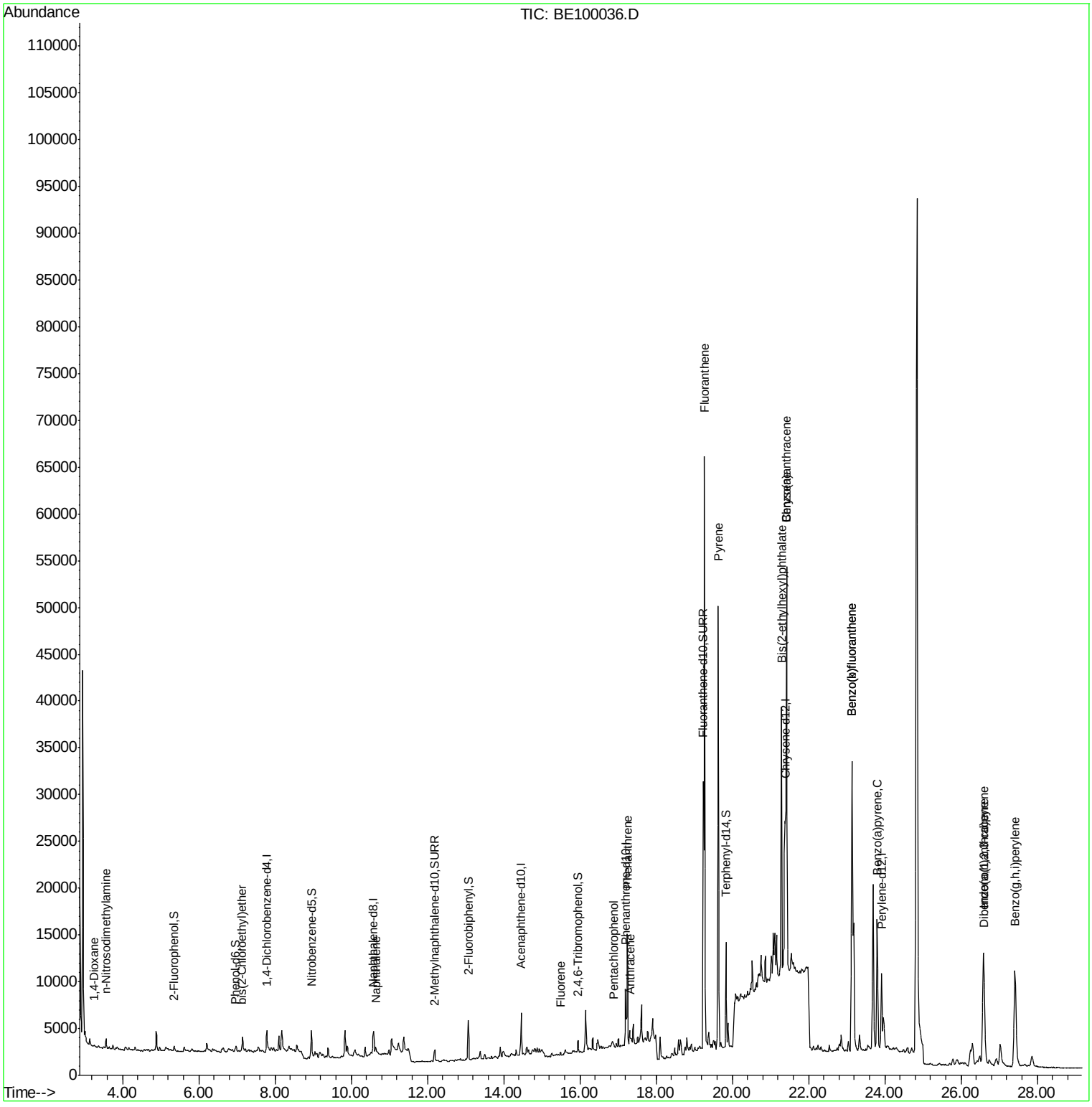
(#) = qualifier out of range (m) = manual integration (+) = signals summed

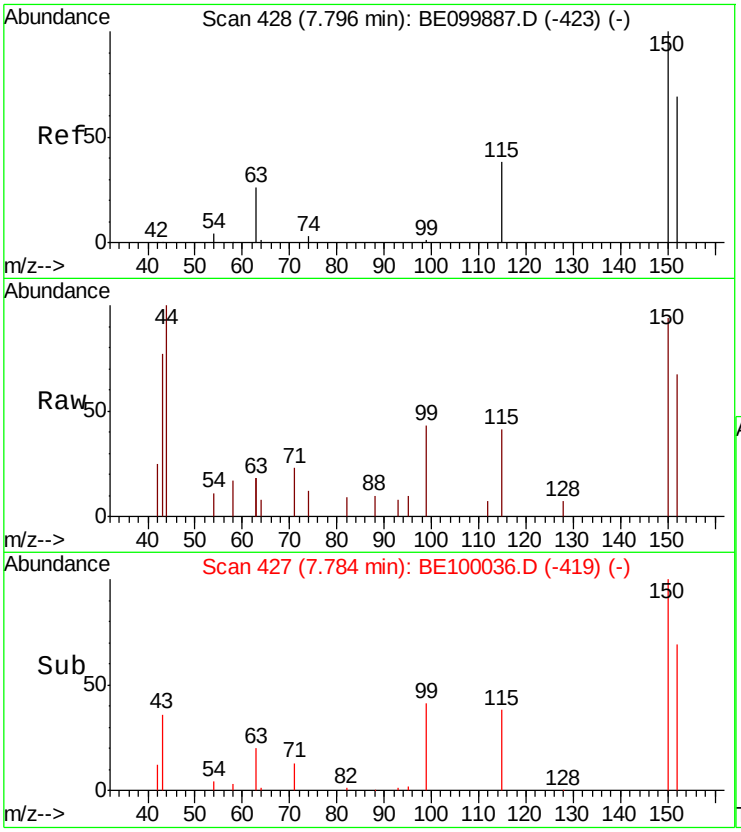
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100036.D
Acq On : 14 Jun 2019 22:58
Operator : JU/SJ
Sample : K3284-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Quant Time: Jun 15 00:51:24 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



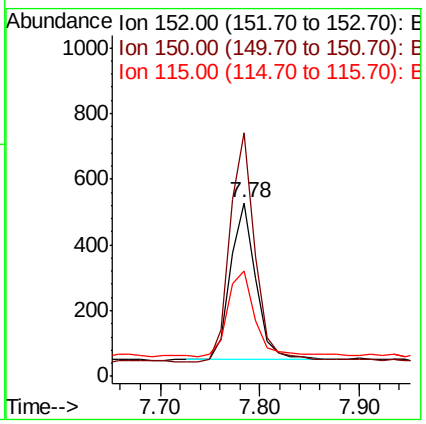


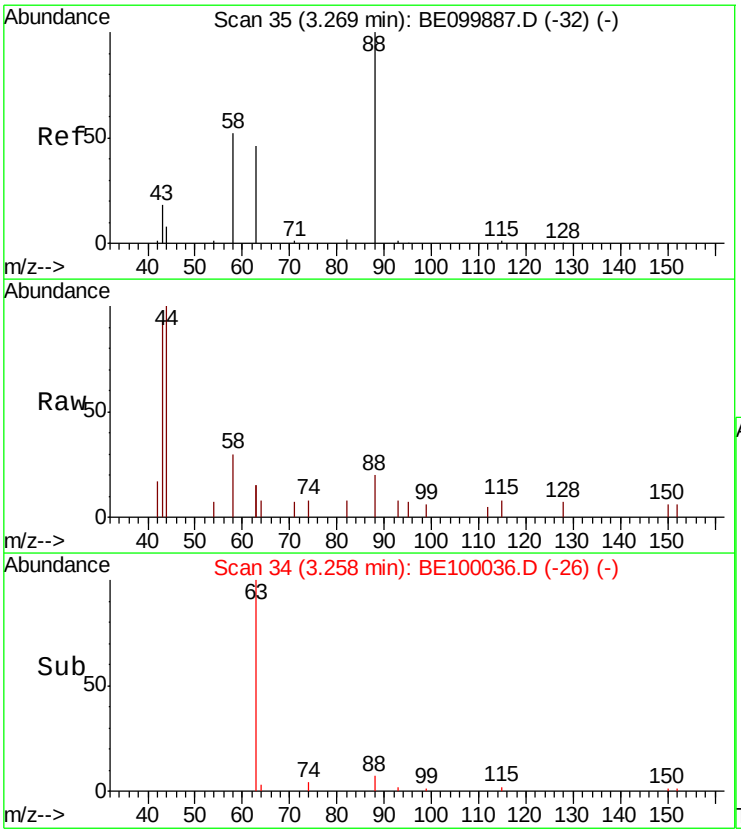
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:152 Resp: 833

Ion	Ratio	Lower	Upper
152	100		
150	140.3	111.0	166.6
115	61.0	50.7	76.1

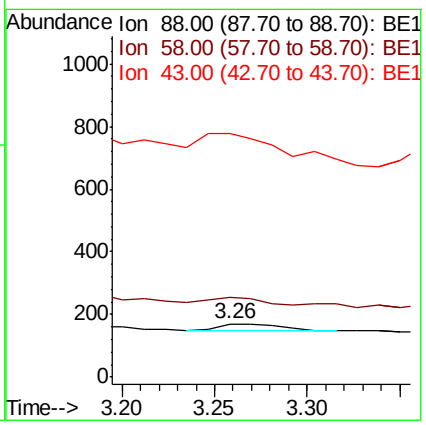


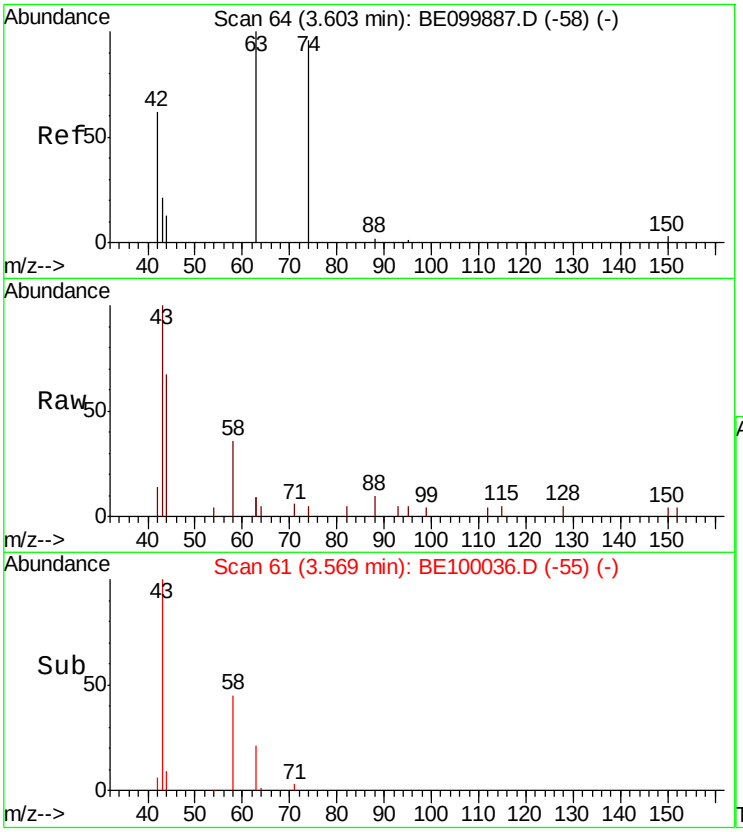


#2
1,4-Dioxane
Concen: 0.045 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
58	87.3	48.8	73.2#
43	376.4	19.0	28.6#



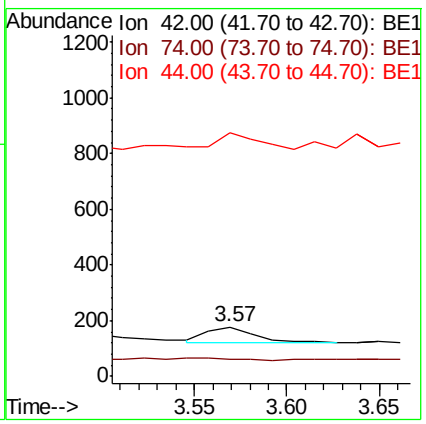


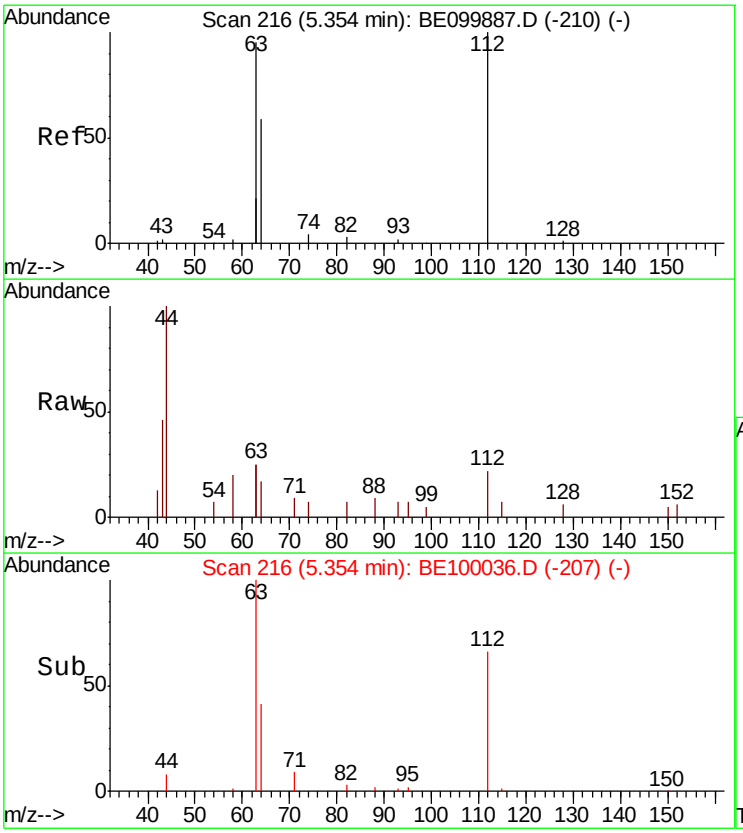
#3
n-Nitrosodimethylamine
Concen: 0.156 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion: 42 Resp: 111

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	82.0	0.0	0.0#

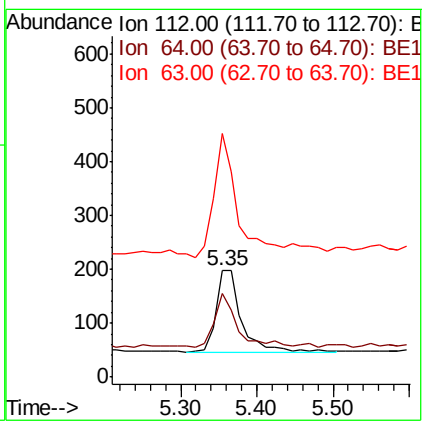


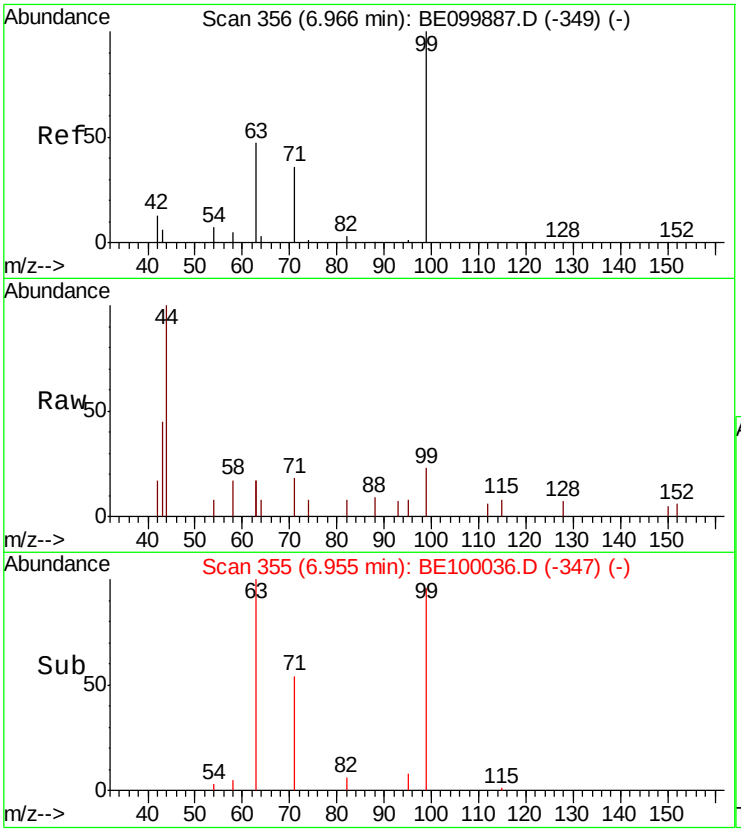


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.35 min Scan# 216
Delta R.T. 0.00 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:112 Resp: 353

Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	140.5	87.8	131.6#



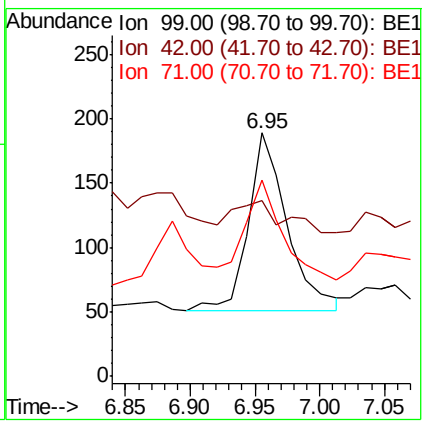


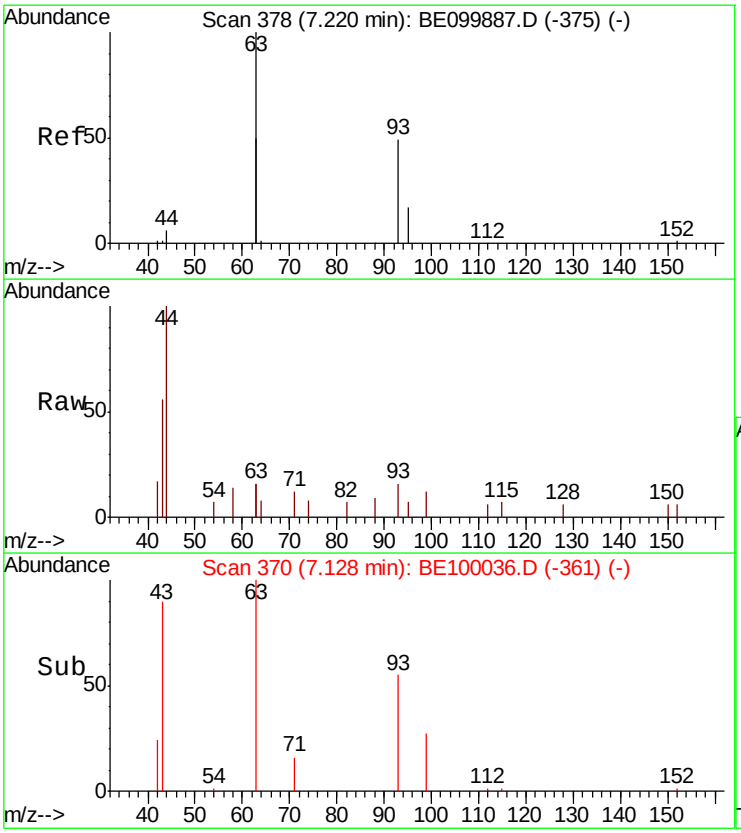
#5
Phenol-d6
Concen: 0.100 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion: 99 Resp: 290

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.9	23.9
71	52.8	34.6	52.0#

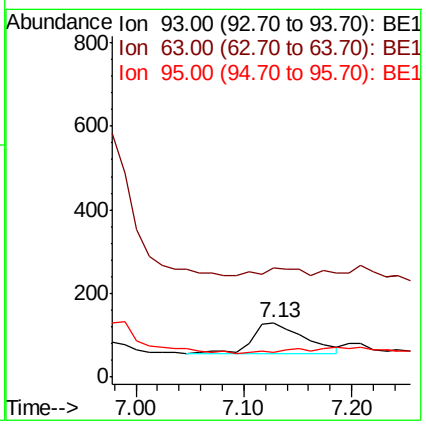


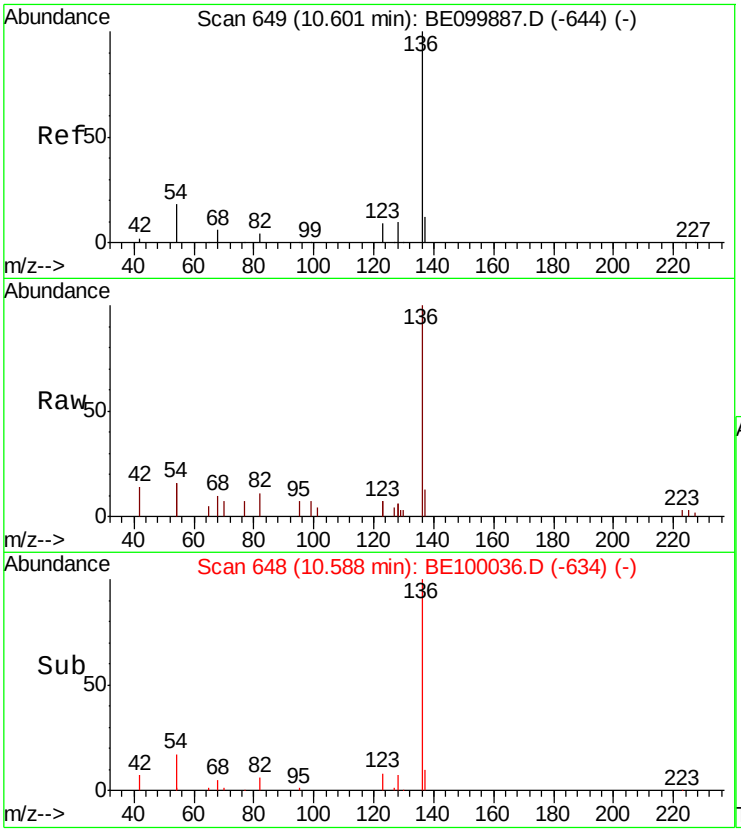


#6
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 7.13 min Scan# 370
Delta R.T. -0.09 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion: 93 Resp: 245

Ion	Ratio	Lower	Upper
93	100		
63	21.6	202.8	304.2#
95	0.0	23.7	35.5#



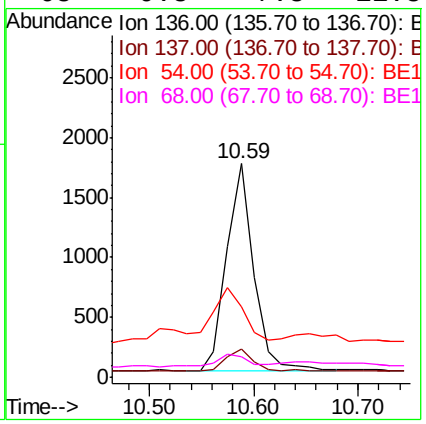


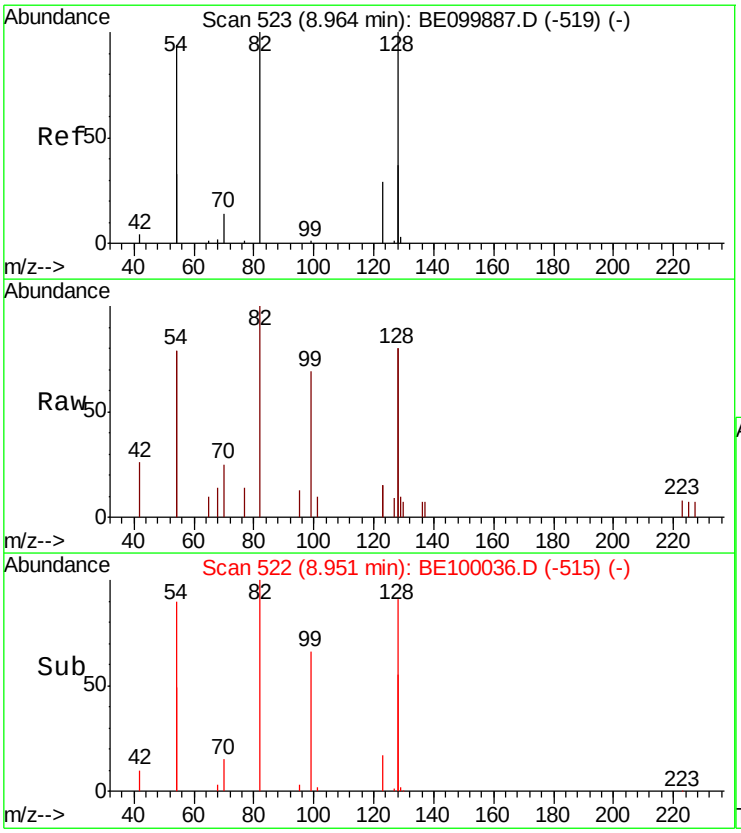
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:136 Resp: 3120

Ion	Ratio	Lower	Upper
136	100		
137	13.0	12.3	18.5
54	32.8	28.2	42.4
68	9.8	7.8	11.8

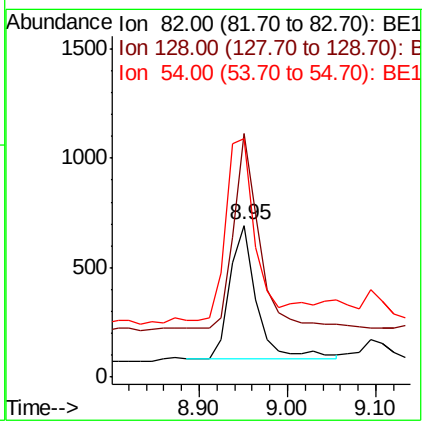


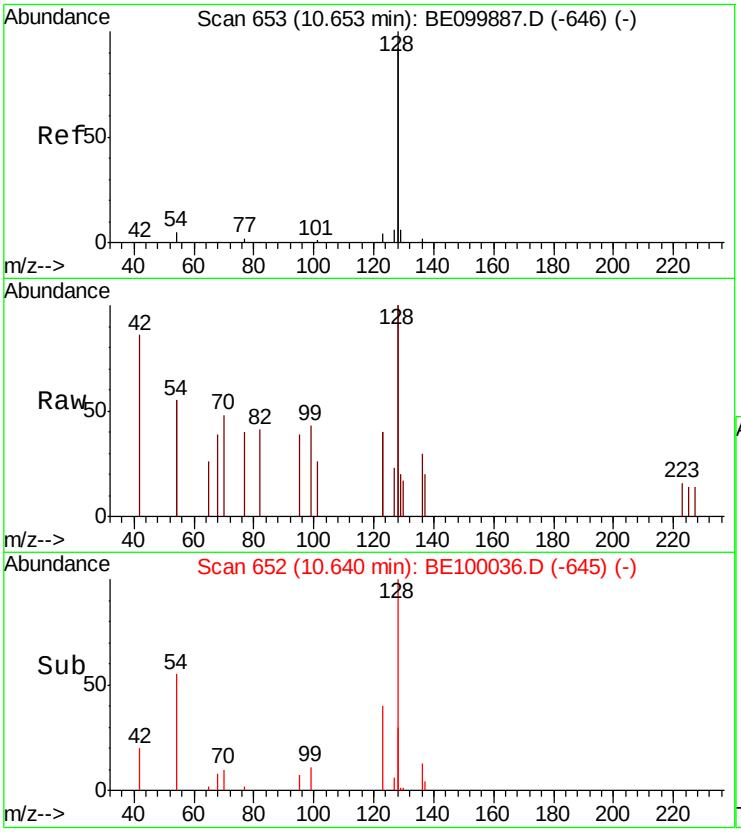


#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion: 82 Resp: 1302

Ion	Ratio	Lower	Upper
82	100		
128	160.7	137.3	205.9
54	157.8	129.7	194.5



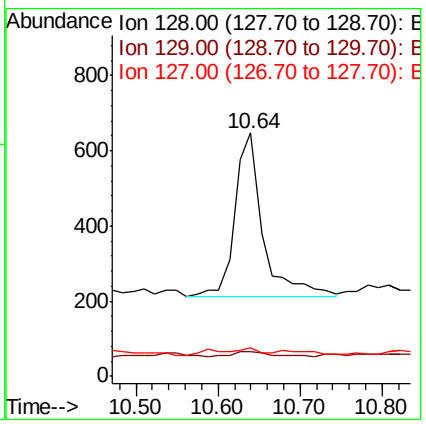


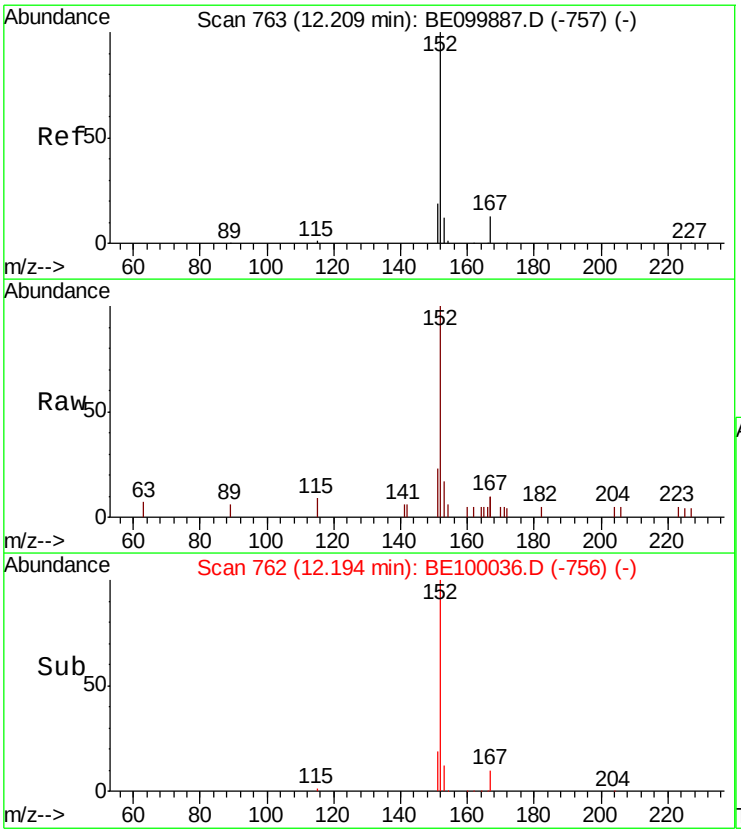
#9
Naphthalene
Concen: 0.031 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:128 Resp: 1038

Ion	Ratio	Lower	Upper
128	100		
129	10.2	3.0	4.6#
127	11.7	3.4	5.0#

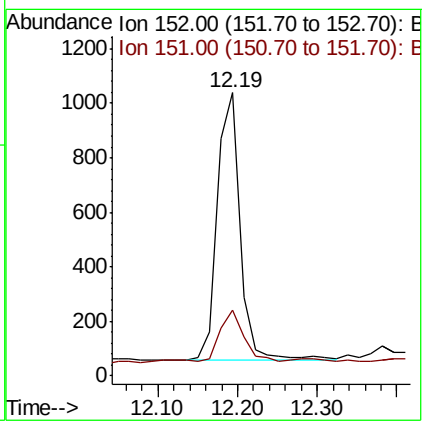


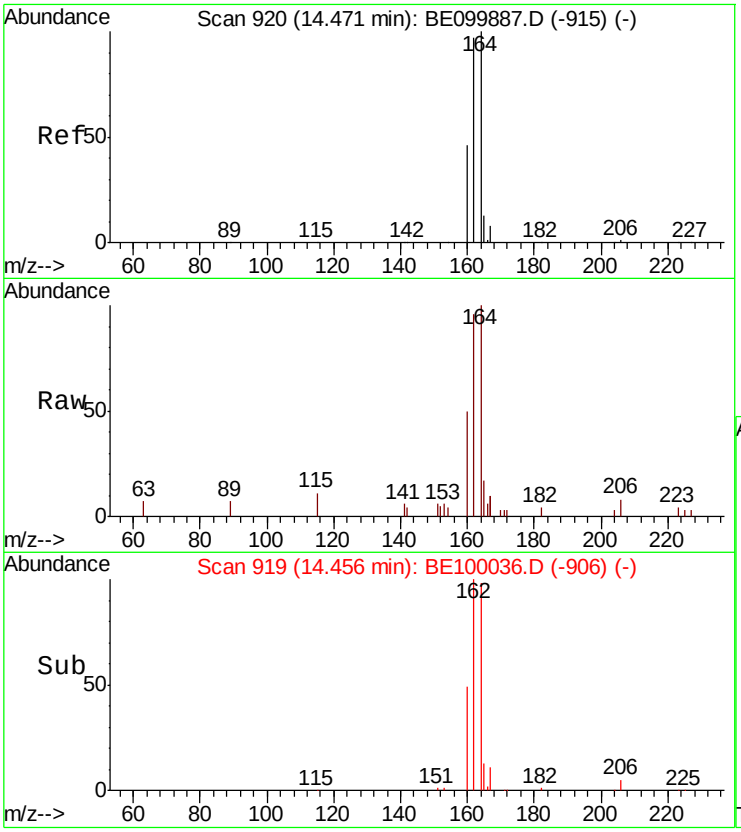


#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.02 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:152 Resp: 1944

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8



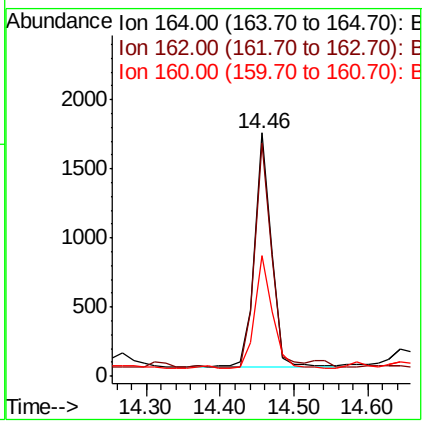


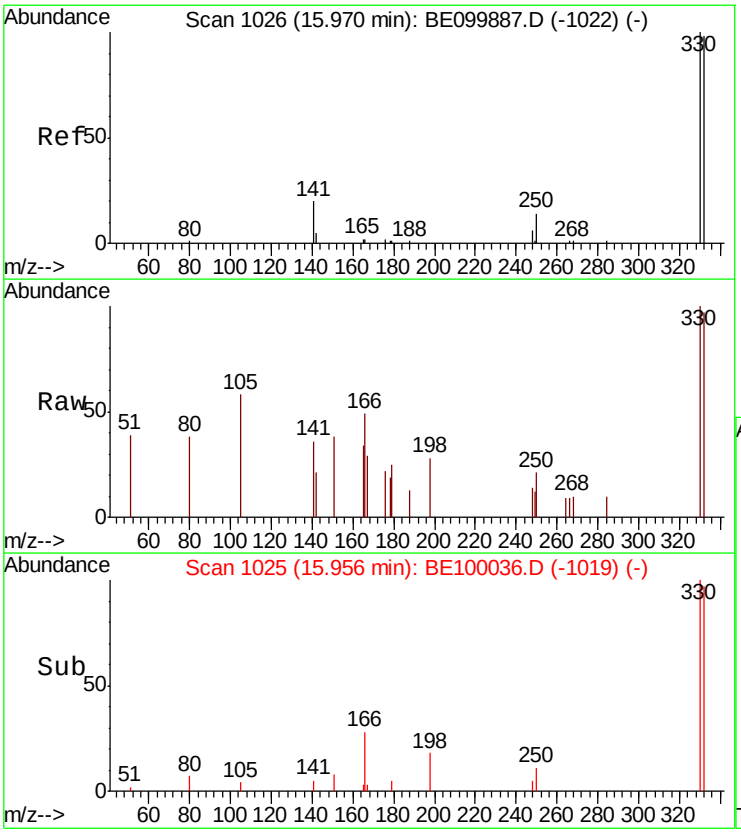
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:164 Resp: 2657

Ion	Ratio	Lower	Upper
164	100		
162	95.8	77.8	116.8
160	49.7	38.2	57.4

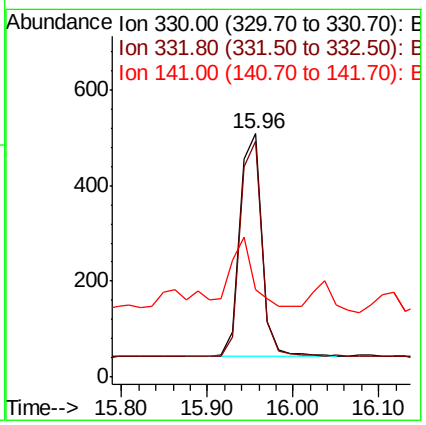


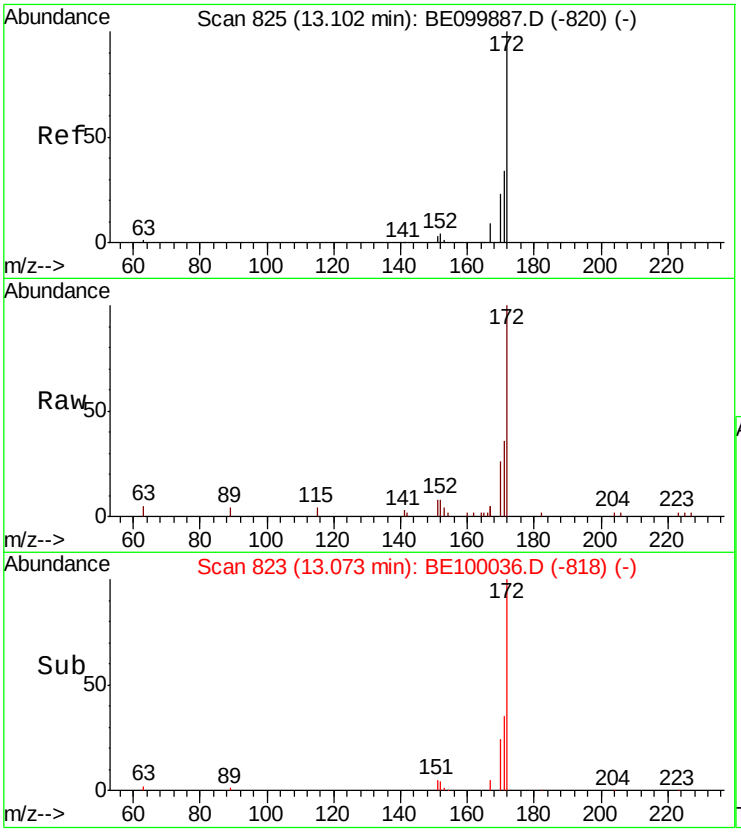


#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:330 Resp: 829

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	30.2	21.0	31.6



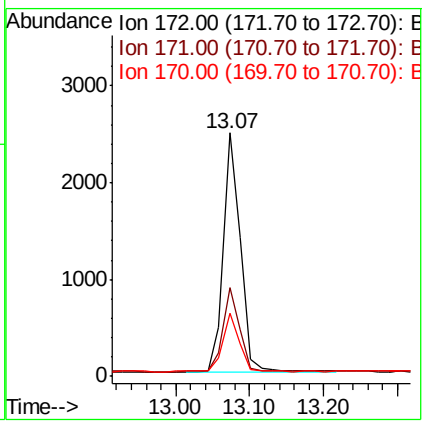


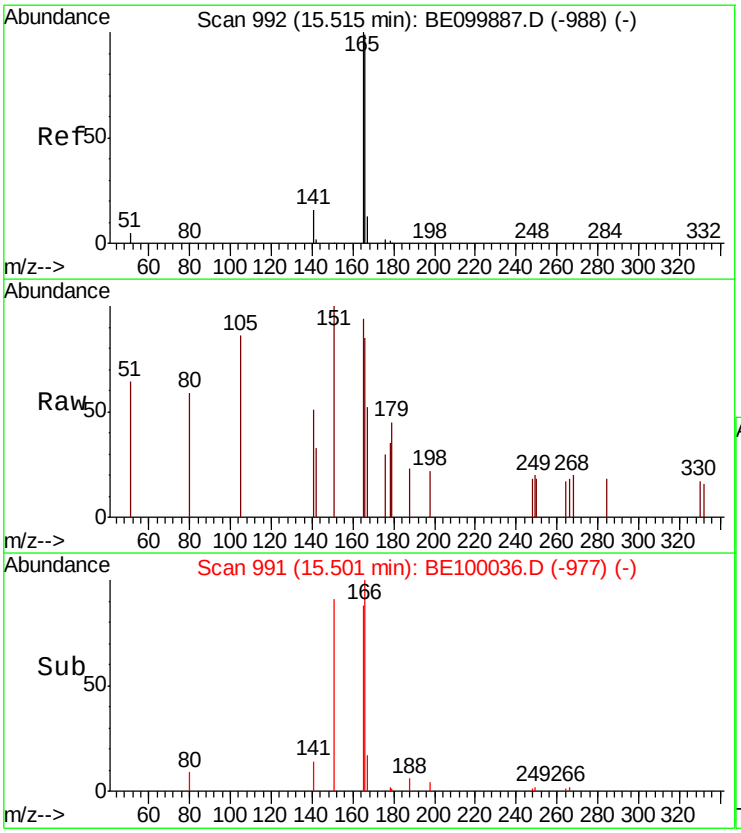
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:172 Resp: 3948

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	26.0	21.2	31.8

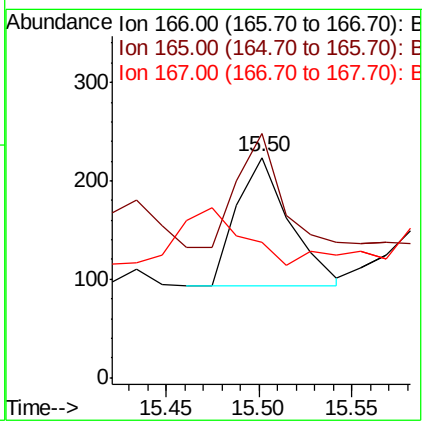


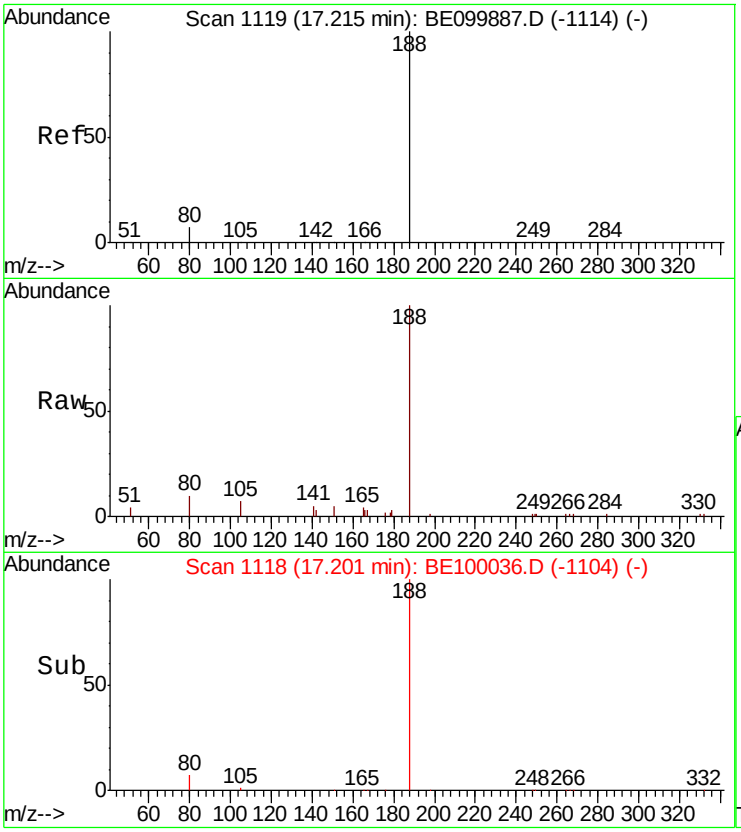


#18
Fluorene
Concen: 0.024 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:166 Resp: 260

Ion	Ratio	Lower	Upper
166	100		
165	90.8	81.8	122.8
167	0.0	11.2	16.8#



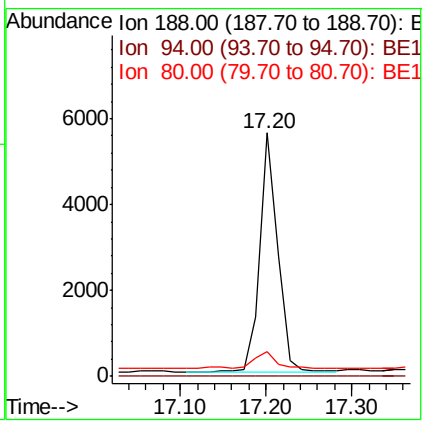


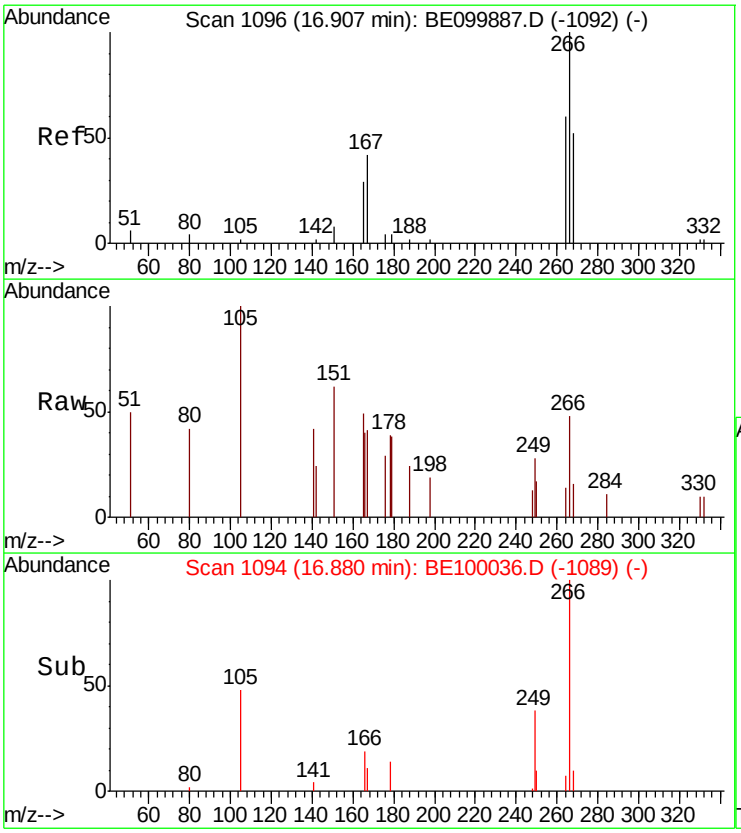
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:188 Resp: 8028

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	6.4	9.6#

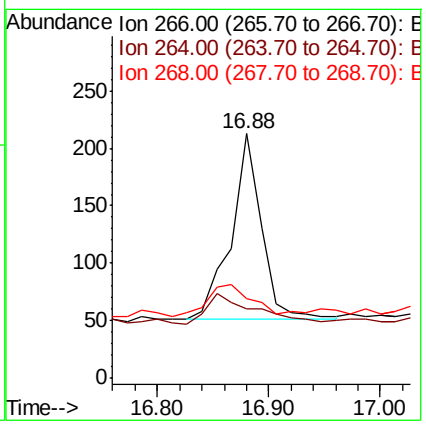


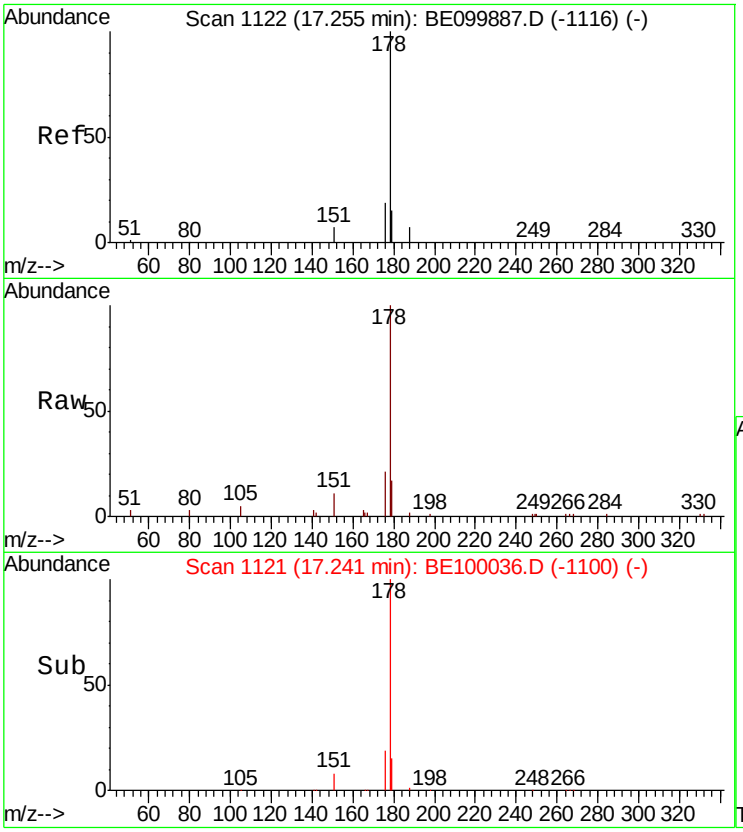


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:266 Resp: 307

Ion	Ratio	Lower	Upper
266	100		
264	28.2	62.2	93.2#
268	32.4	65.5	98.3#



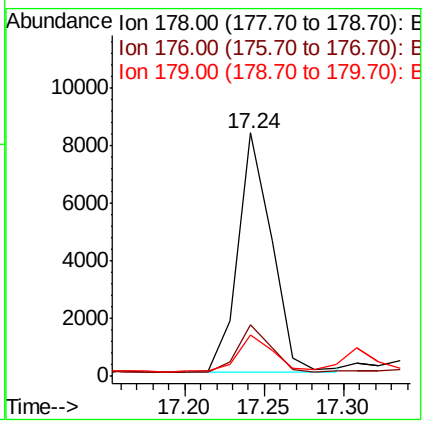


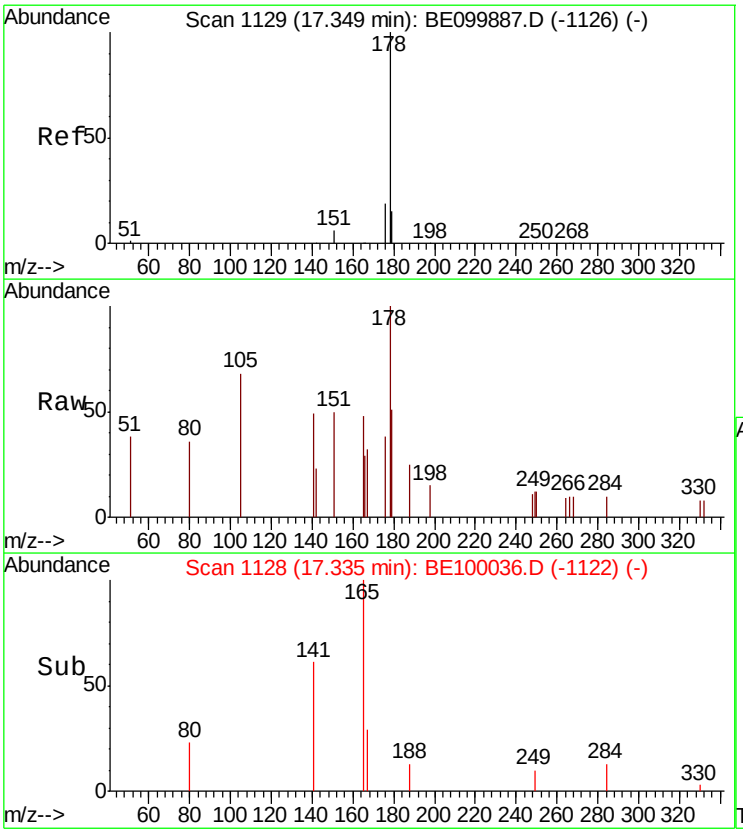
#23
Phenanthrene
Concen: 0.637 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:178 Resp: 12416

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	12.4	18.6

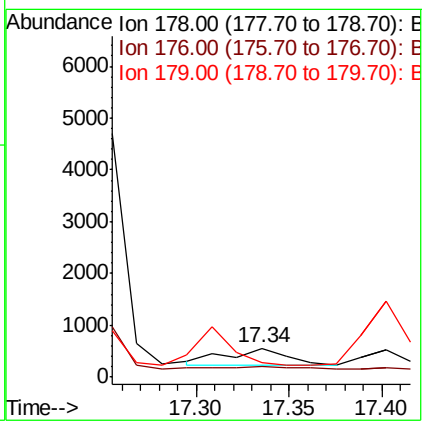


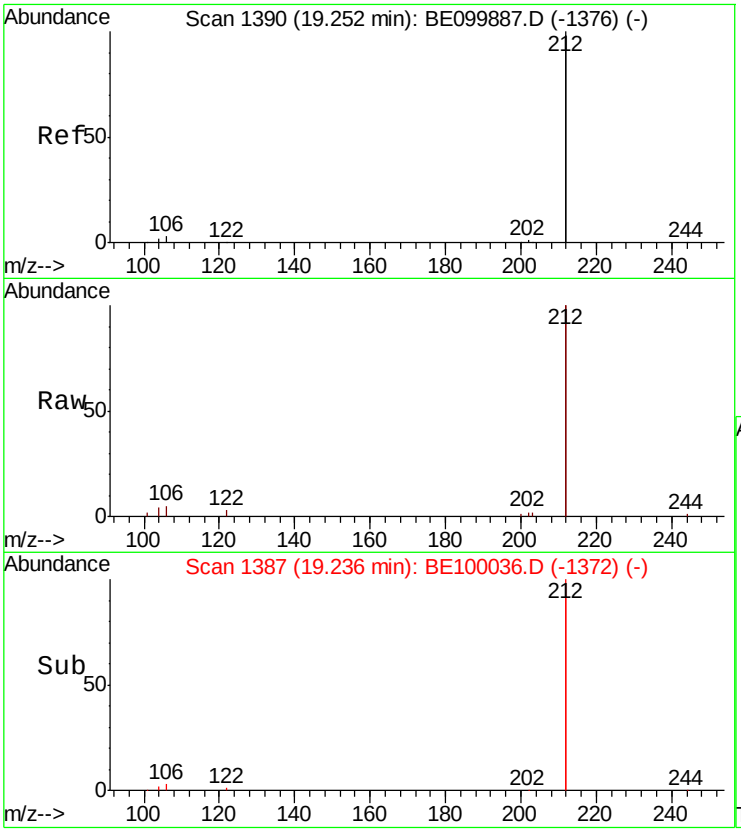


#24
Anthracene
Concen: 0.045 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:178 Resp: 802

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	0.0	12.3	18.5#



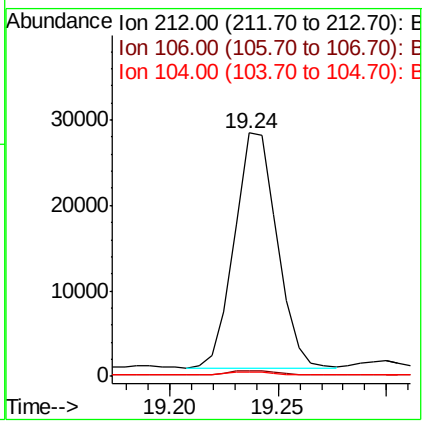


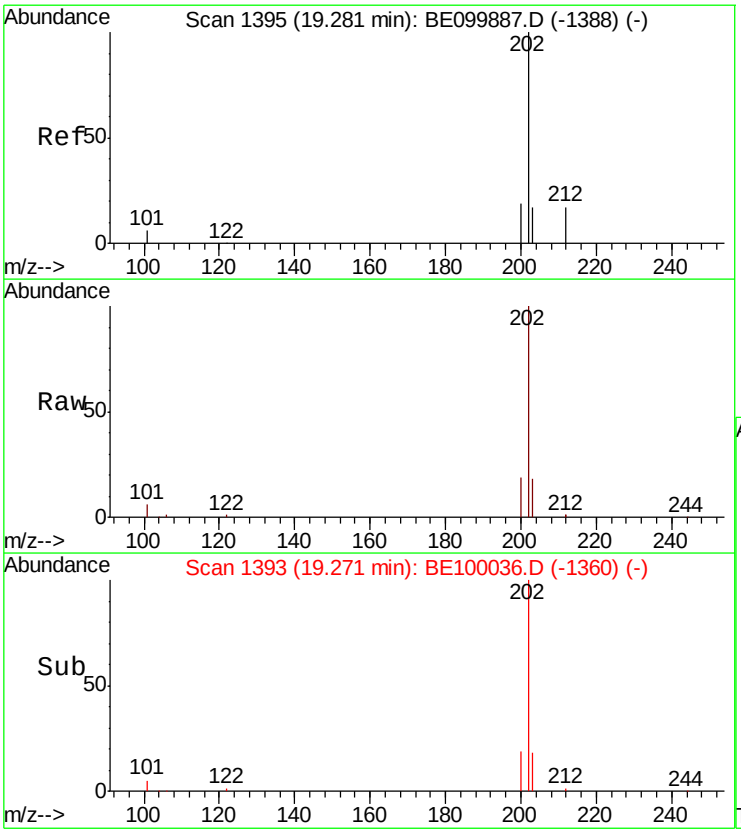
#25
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:212 Resp: 37480

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.4	2.2
104	1.2	0.9	1.3

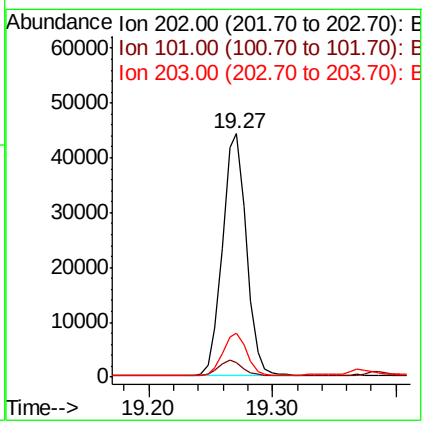


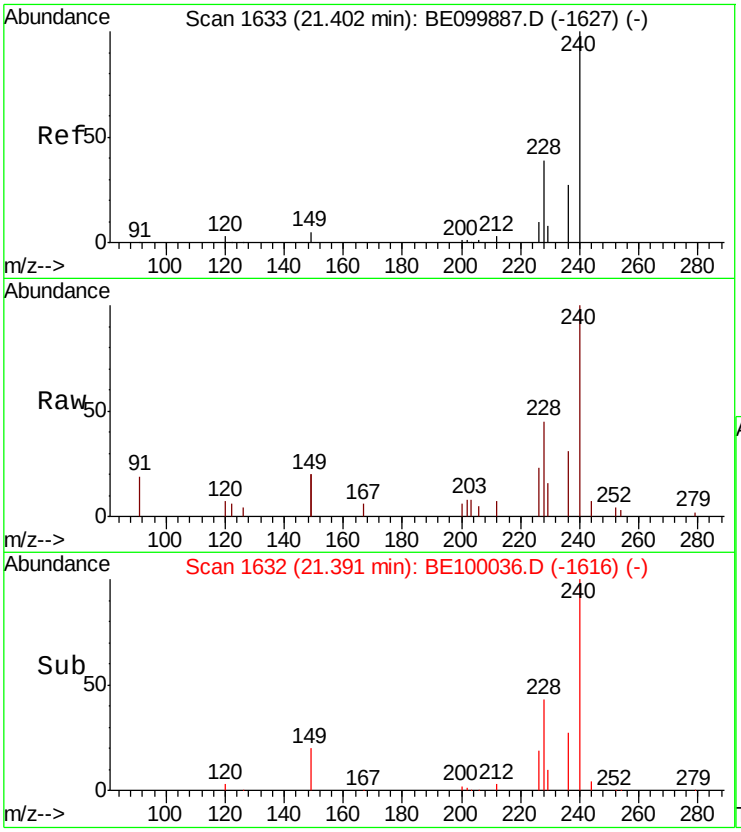


#26
Fluoranthene
Concen: 1.788 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:202 Resp: 59205

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	17.3	13.2	19.8



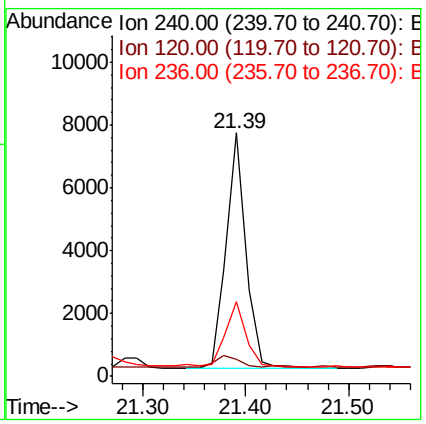


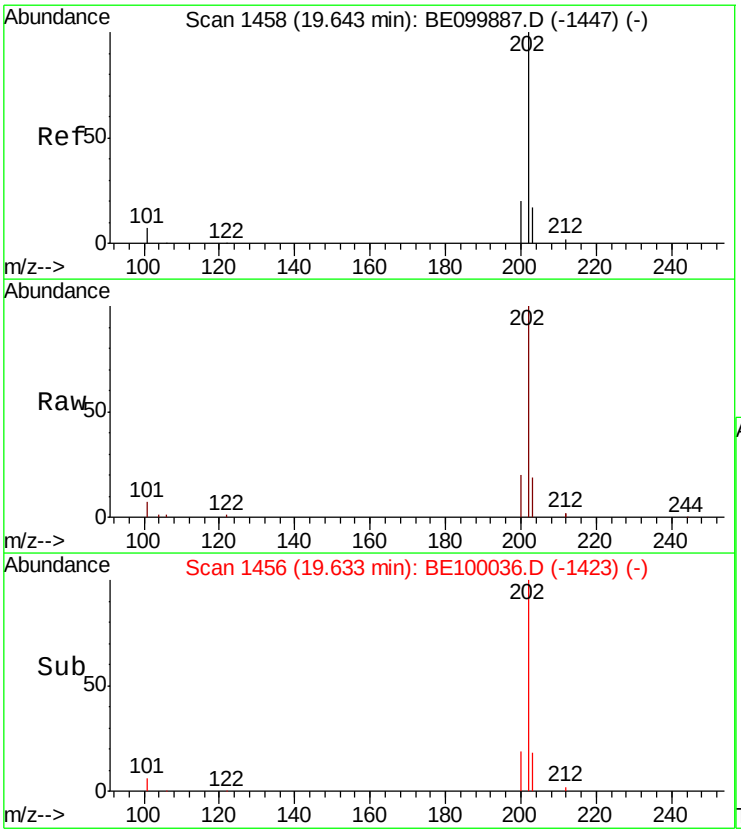
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:240 Resp: 9937

Ion	Ratio	Lower	Upper
240	100		
120	6.8	3.8	5.6#
236	30.9	22.0	33.0

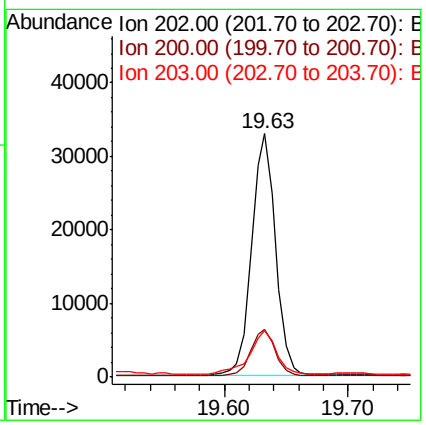


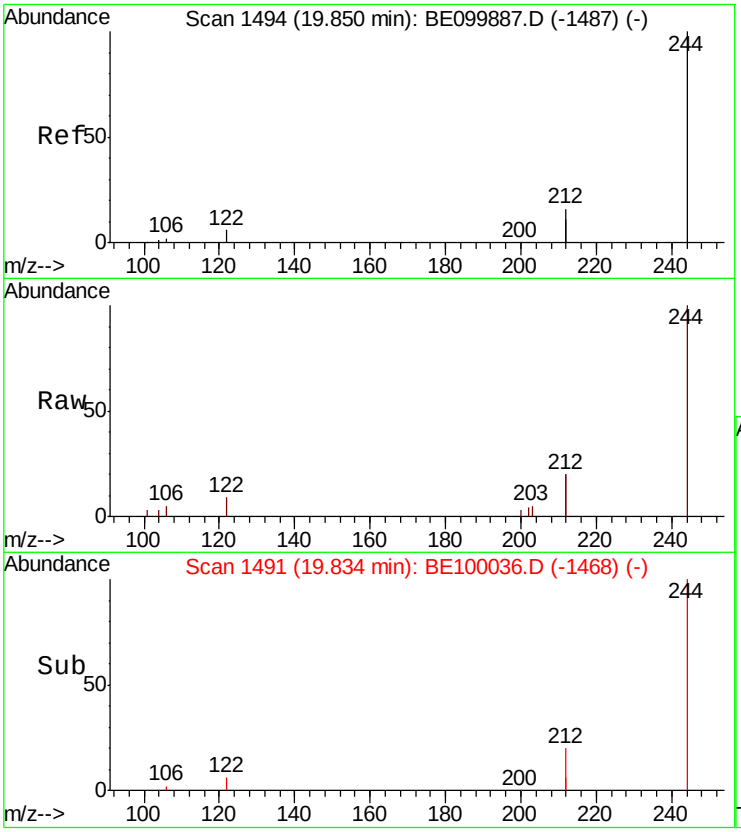


#28
Pyrene
Concen: 1.690 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:202 Resp: 44110

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	20.4	14.0	21.0



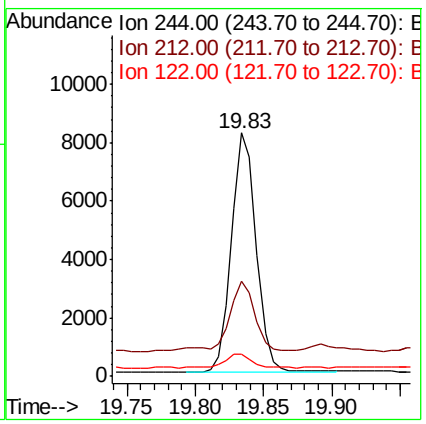


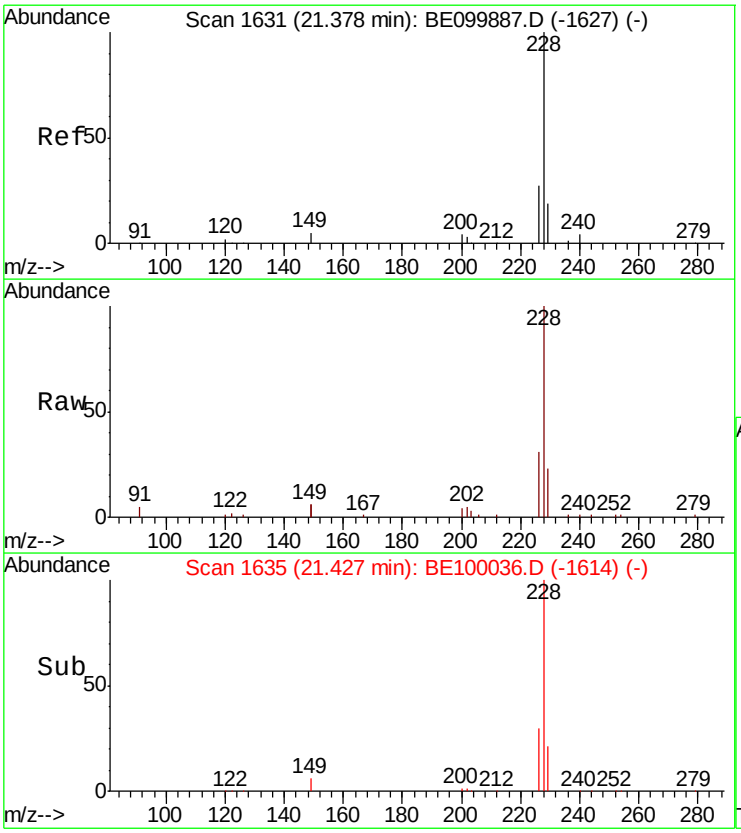
#29
Terphenyl-d14
Concen: 0.584 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:244 Resp: 10448

Ion	Ratio	Lower	Upper
244	100		
212	39.0	25.7	38.5#
122	9.1	5.5	8.3#

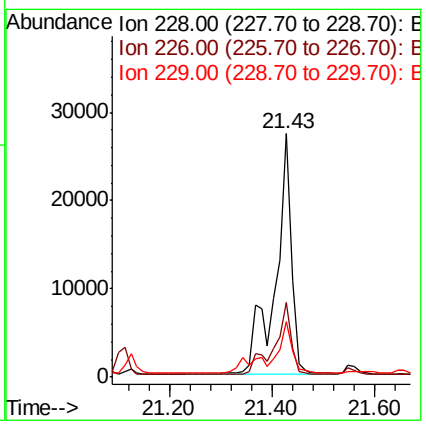


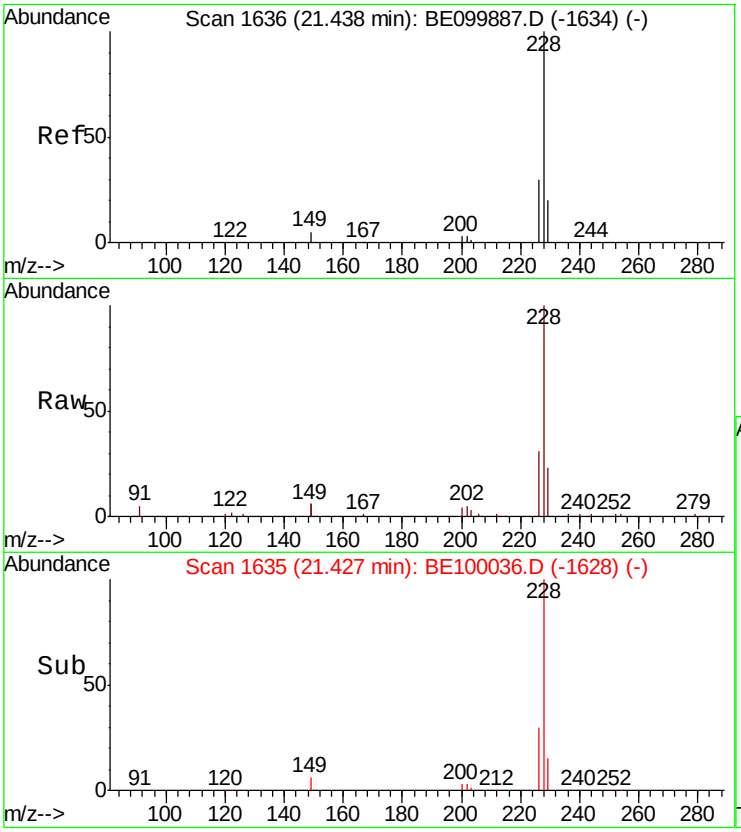


#30
Benzo(a)anthracene
Concen: 2.011 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.05 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:228 Resp: 59711

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.5	33.7
229	22.7	15.9	23.9



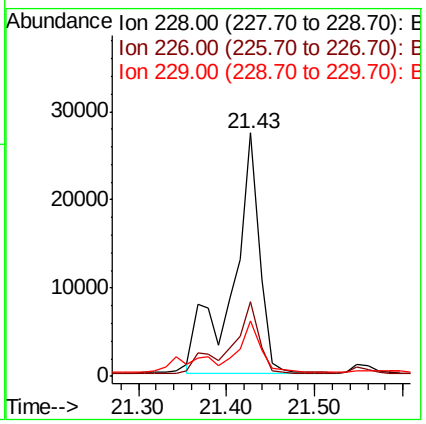


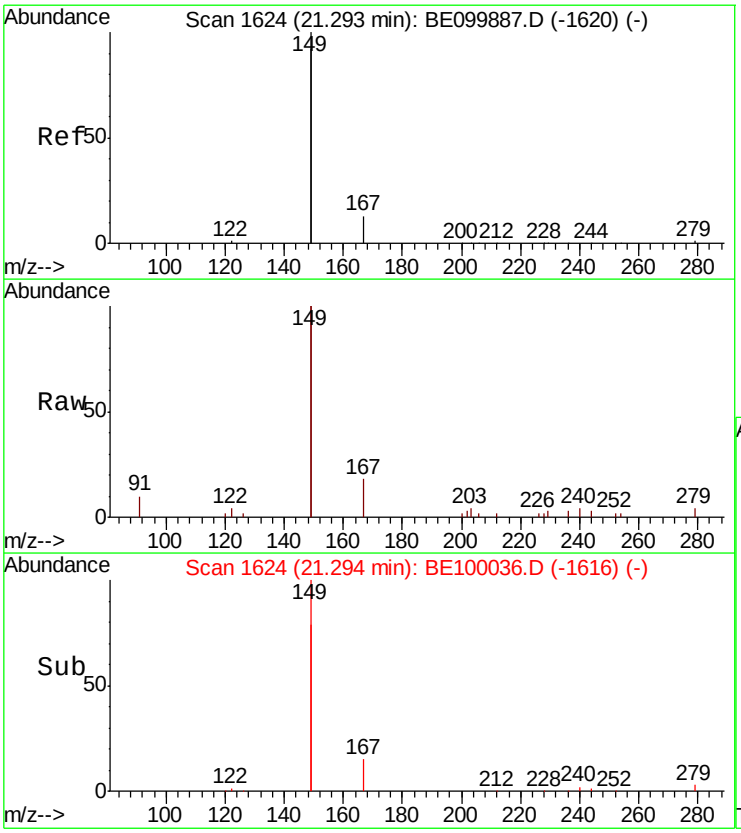
#31
Chrysene
Concen: 1.868 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:228 Resp: 57354

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	22.7	16.1	24.1

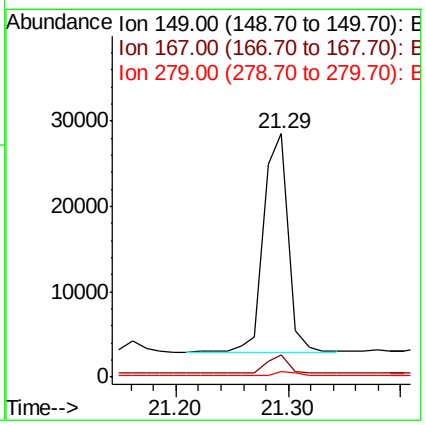


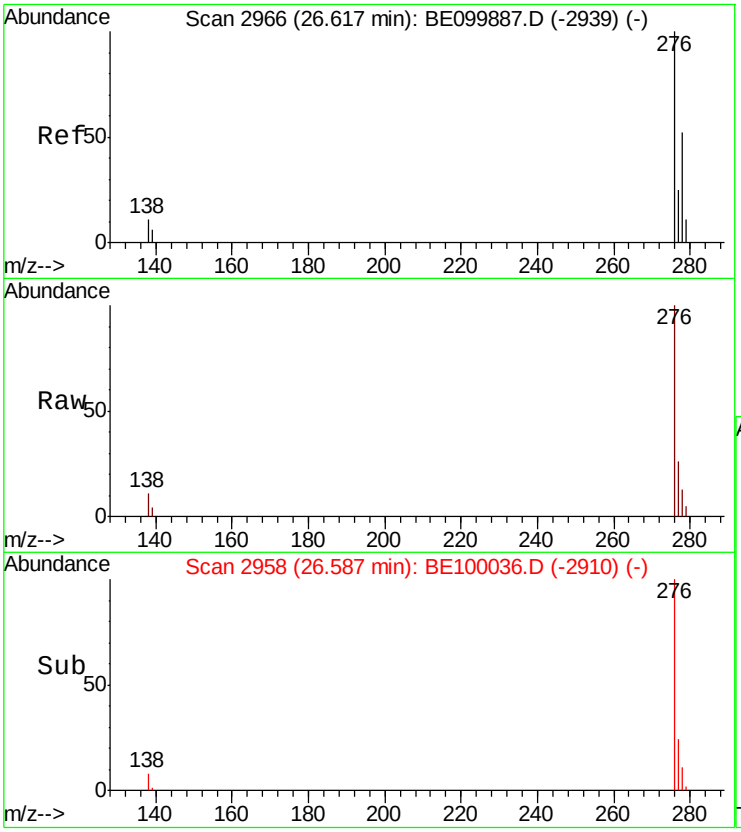


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.924 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:149 Resp: 39377

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.4	1.2	1.8



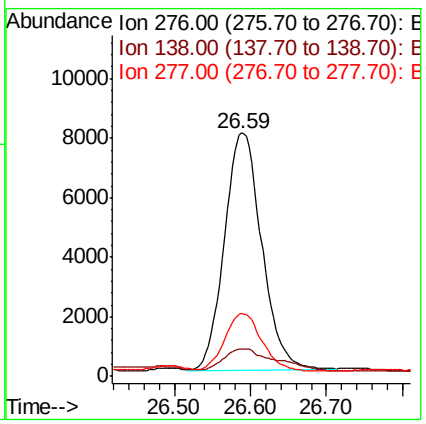


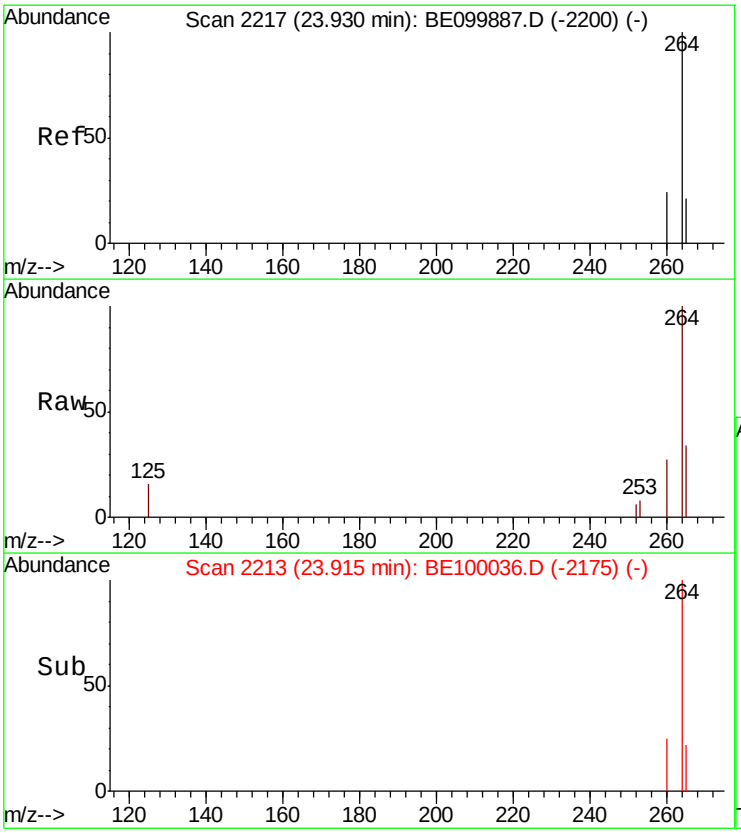
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.748 ng
RT: 26.59 min Scan# 2958
Delta R.T. -0.03 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:276 Resp: 27247

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.1	15.1
277	24.1	19.1	28.7

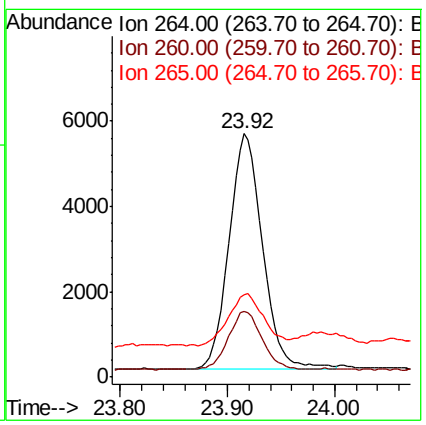


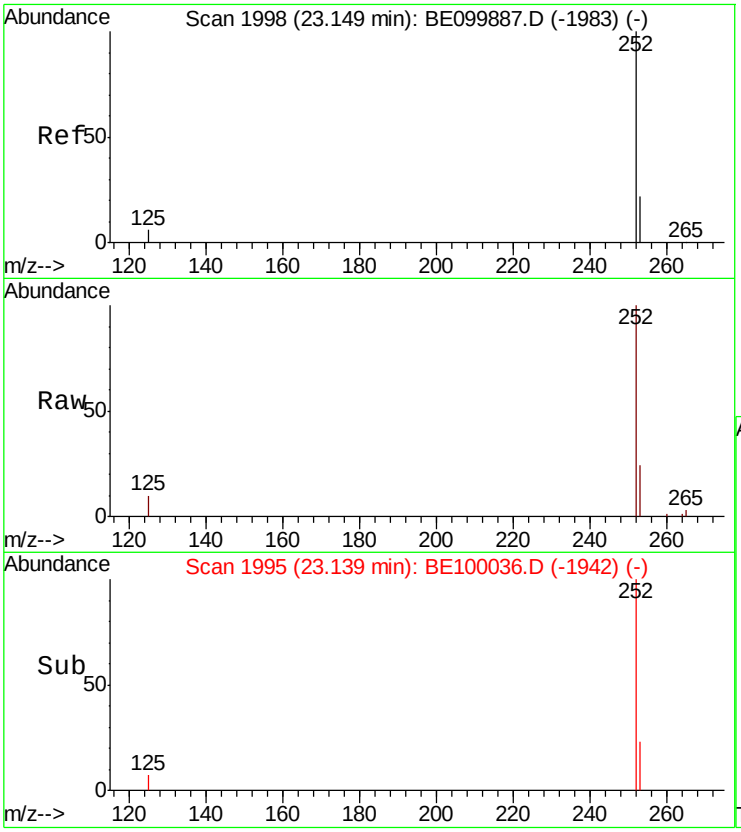


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:264 Resp: 11960

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.2	30.2
265	33.6	22.0	33.0#



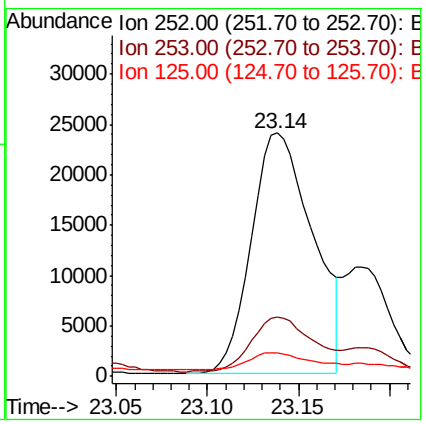


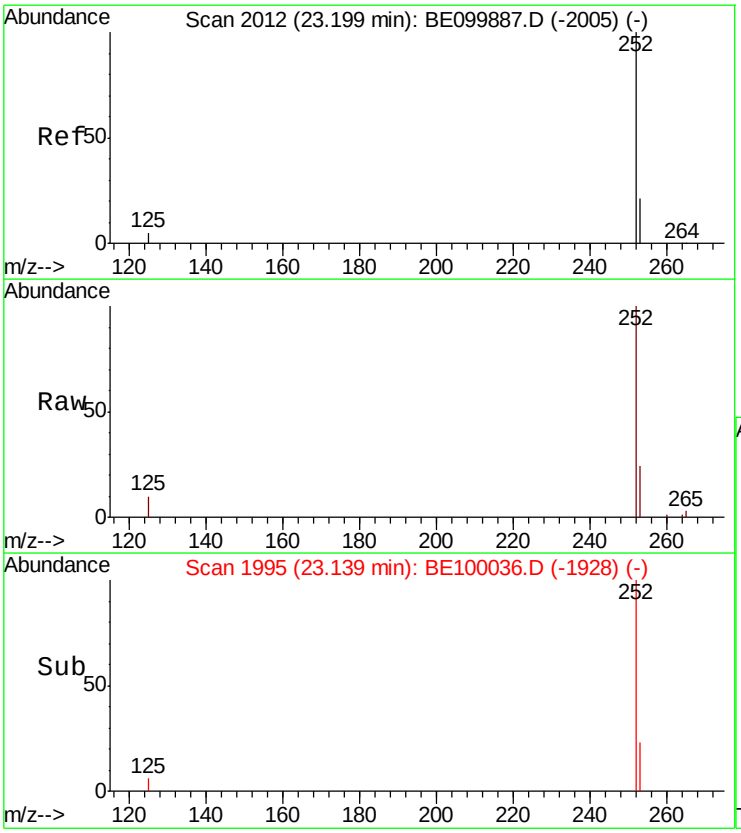
#35
Benzo(b)fluoranthene
Concen: 1.675 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:252 Resp: 56136

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	9.8	5.7	8.5#

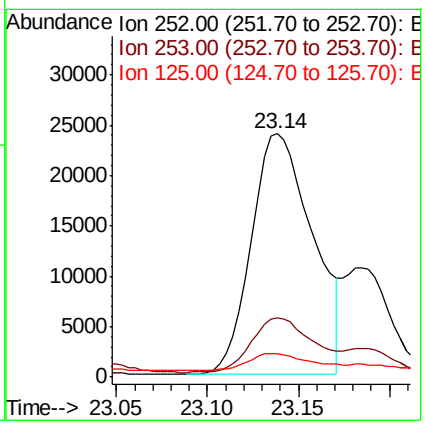


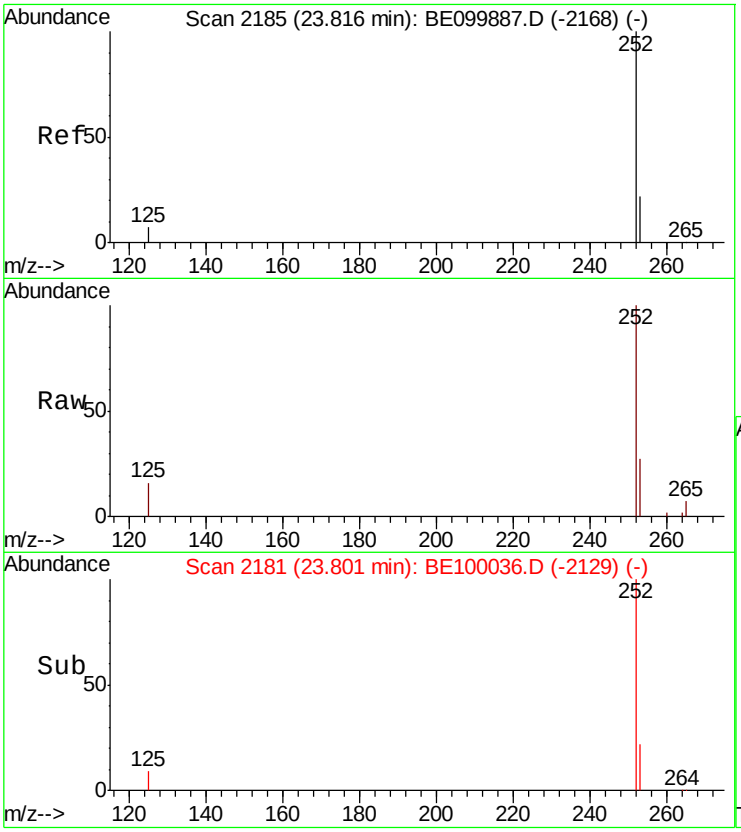


#36
Benzo(k)fluoranthene
Concen: 1.601 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.06 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:252 Resp: 56136

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	28.0
125	9.8	5.4	8.0#



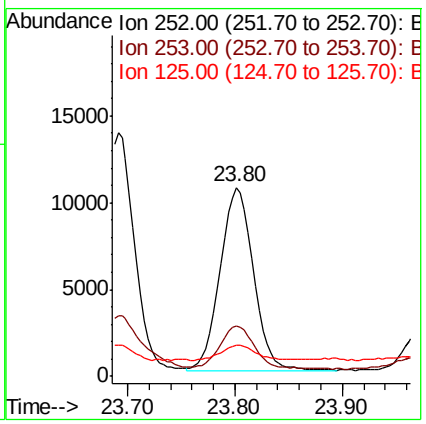


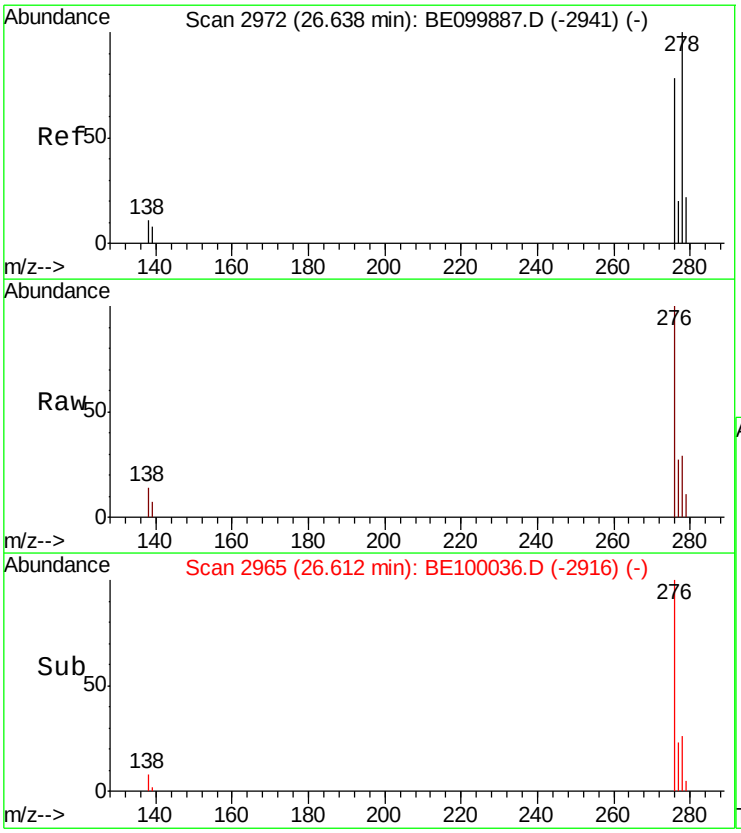
#37
Benzo(a)pyrene
Concen: 0.686 ng
RT: 23.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:252 Resp: 22654

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.6	29.4
125	16.3	6.6	10.0#

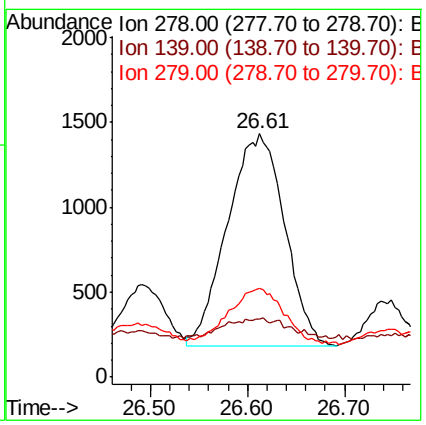


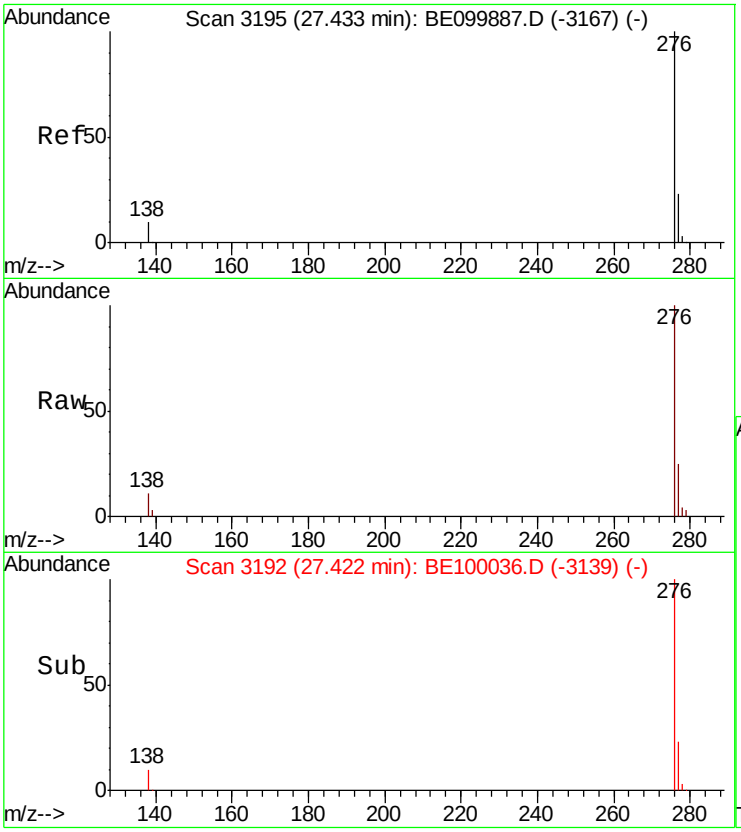


#38
Dibenzo(a,h)anthracene
Concen: 0.154 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.03 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Tgt Ion:278 Resp: 5129

Ion	Ratio	Lower	Upper
278	100		
139	23.9	7.8	11.8#
279	36.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.828 ng
RT: 27.42 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BE100036.D
Acq: 14 Jun 2019 22:58

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4003-20190610

Tgt Ion:276 Resp: 28444

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	11.4	9.5	14.3