Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100506.D
Acq On : 18 Sep 2019 14:16
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DFTPP

Quant Time: Sep 18 17:10:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	7800	0.40	ng		0.01
7) Naphthalene-d8	10.67	136	35689	0.40	ng		0.01
13) Acenaphthene-d10	14.49	164	18684	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	49043	0.40	ng		0.00
27) Chrysene-d12	21.37	240	54224	0.40	ng		0.00
34) Perylene-d12	23.84	264	64208	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	3204	0.17	ng		0.00
5) Phenol-d6	7.03	99	4911	0.18	ng		0.01
8) Nitrobenzene-d5	9.02	82	1518	0.05	ng		0.01
11) 2-Methylnaphthalene-d10	12.24	152	5690	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	405	0.05	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	7477	0.10	ng		0.00
25) Fluoranthene-d10	19.23	212	63044	0.09	ng		0.00
29) Terphenyl-d14	19.82	244	14066	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	1517	0.129	ng	#	88
3) n-Nitrosodimethylamine	3.69	42	601	0.084	ng	#	83
6) bis(2-Chloroethyl)ether	7.30	93	2995	0.128	ng		85
9) Naphthalene	10.70	128	40160	0.117	ng		99
10) Hexachlorobutadiene	11.02	225	1291	0.079	ng		98
12) 2-Methylnaphthalene	12.31	142	6268	0.102	ng		96
16) Acenaphthylene	14.21	152	9753	0.113	ng		99
17) Acenaphthene	14.54	154	6085	0.117	ng		96
18) Fluorene	15.52	166	8051	0.116	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	2370	0.102	ng		95
21) Hexachlorobenzene	16.52	284	1958	0.082	ng		97
22) Pentachlorophenol	16.91	266	250	0.025	ng	#	80
23) Phenanthrene	17.24	178	13978	0.116	ng		99
24) Anthracene	17.34	178	11979	0.105	ng		100
26) Fluoranthene	19.26	202	17983	0.104	ng		98
28) Pyrene	19.62	202	18761	0.111	ng		100
30) Benzo(a)anthracene	21.35	228	17511	0.106	ng		96
31) Chrysene	21.40	228	18791	0.115	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	28064	0.074	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.45	276	22463	0.126	ng		98
35) Benzo(b)fluoranthene	23.08	252	18133	0.103	ng	#	93
36) Benzo(k)fluoranthene	23.13	252	21224	0.115	ng	#	76
37) Benzo(a)pyrene	23.73	252	18259	0.107	ng	#	90
38) Dibenzo(a,h)anthracene	26.48	278	17727	0.110	ng	#	94
39) Benzo(g,h,i)perylene	27.25	276	19218	0.116	ng		95

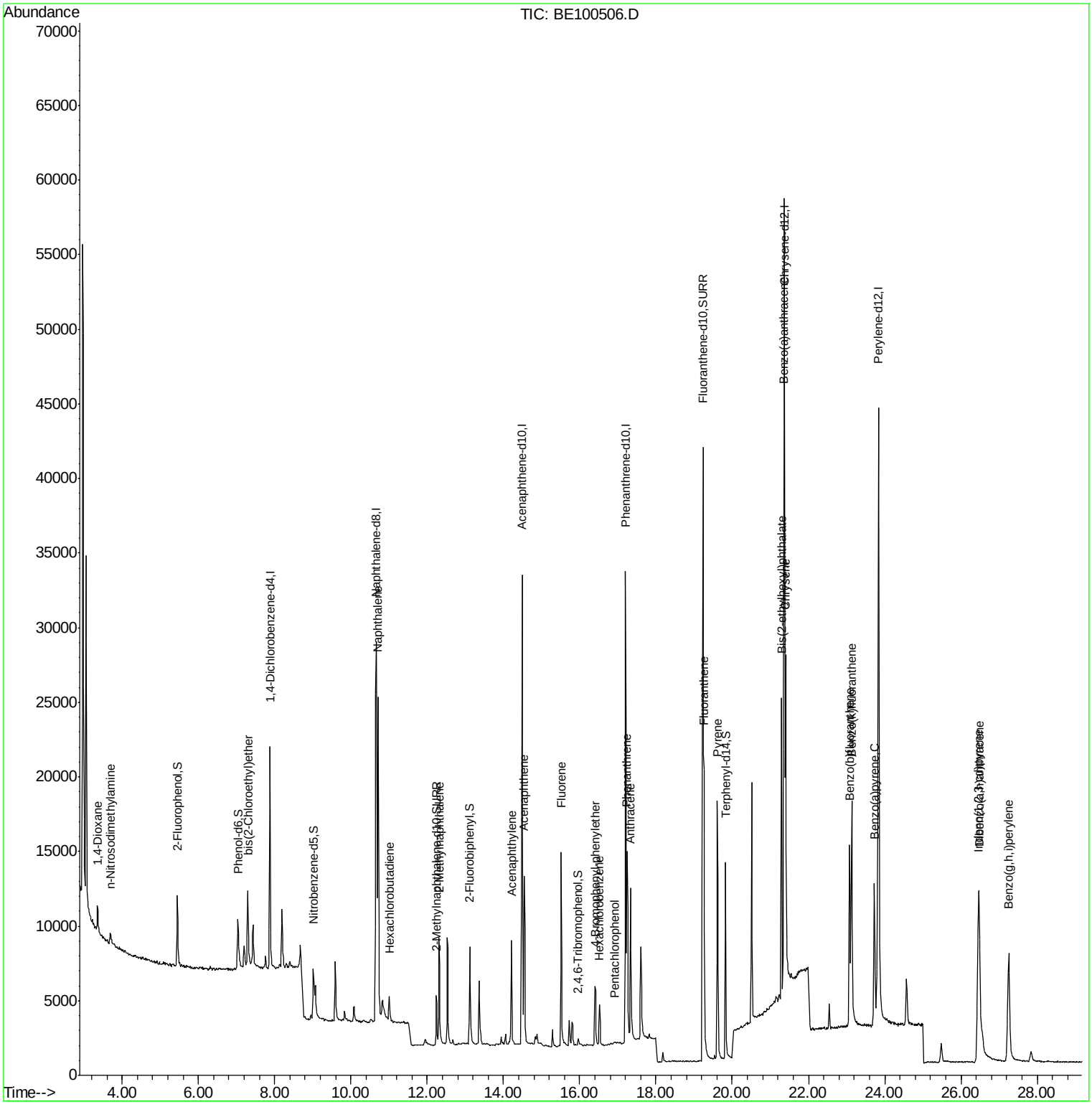
(#) = qualifier out of range (m) = manual integration (+) = signals summed

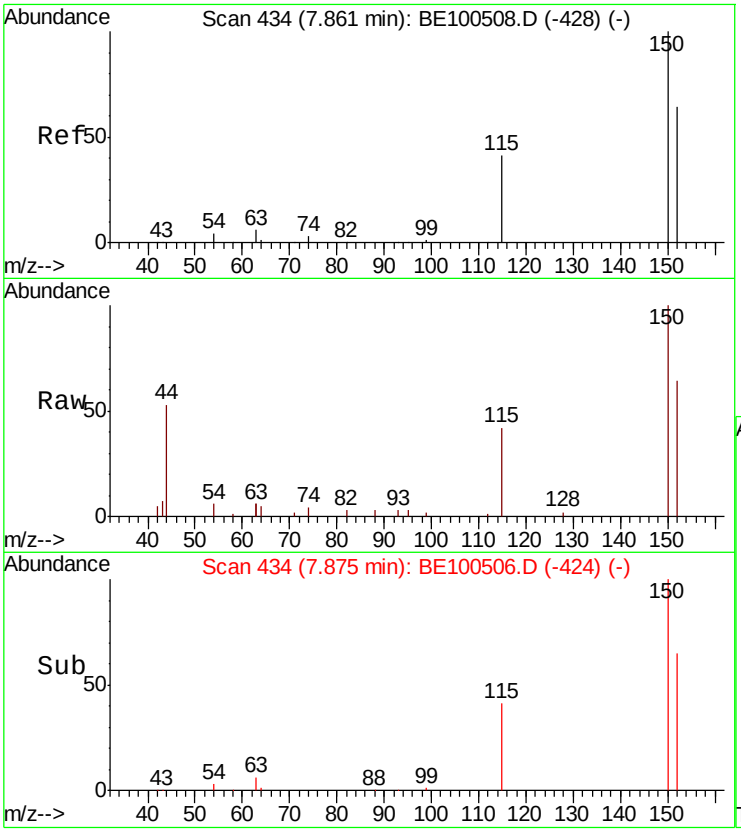
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100506.D
Acq On : 18 Sep 2019 14:16
Operator : HP/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP

Quant Time: Sep 18 17:10:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration



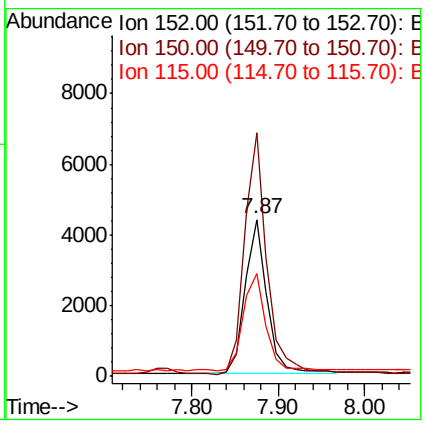


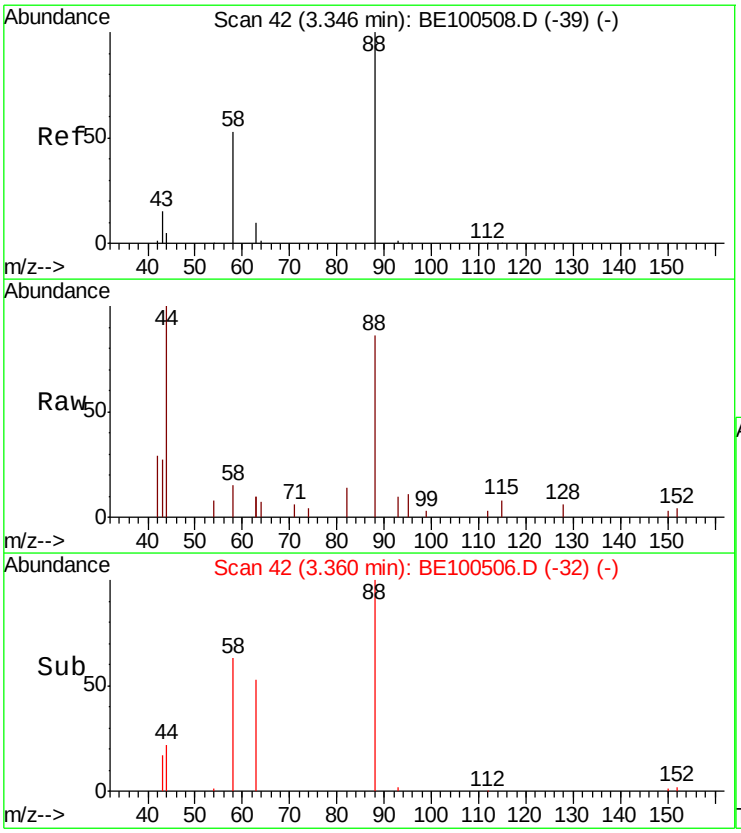
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 7800

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	65.3	53.0	79.6

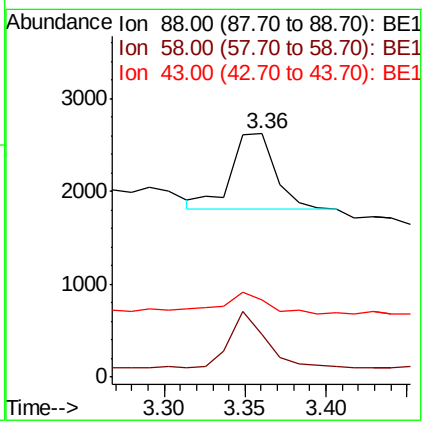


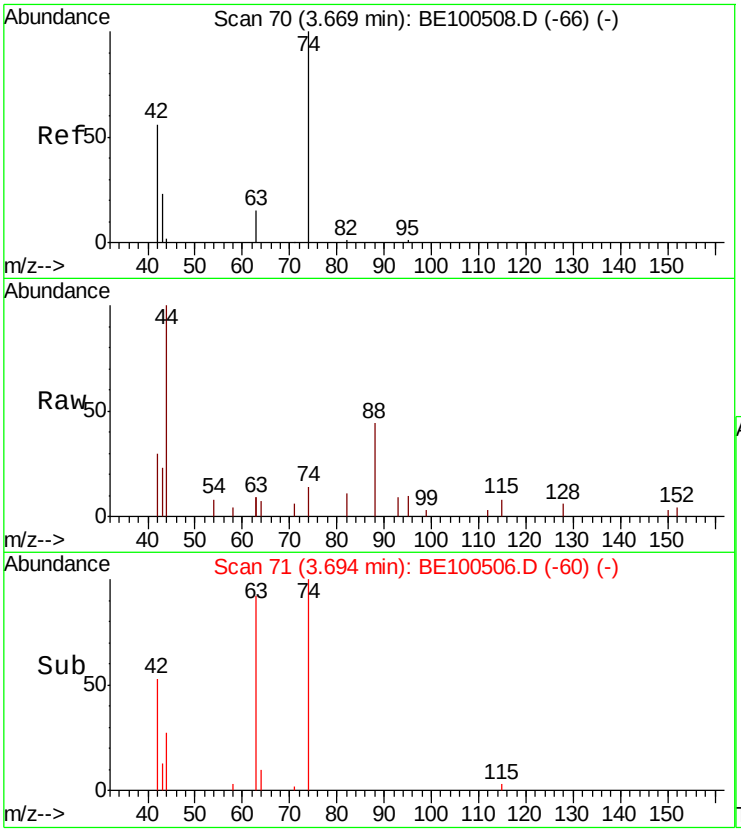


#2
1,4-Dioxane
Concen: 0.129 ng
RT: 3.36 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion: 88 Resp: 1517

Ion	Ratio	Lower	Upper
88	100		
58	62.6	56.2	84.2
43	33.7	19.2	28.8#



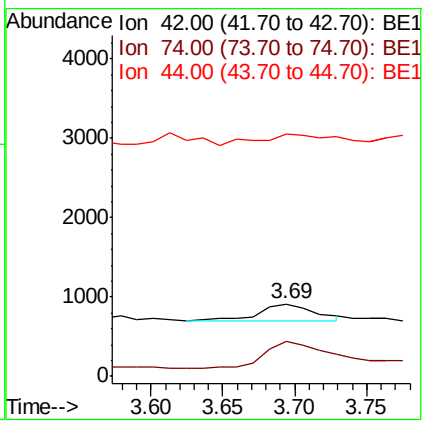


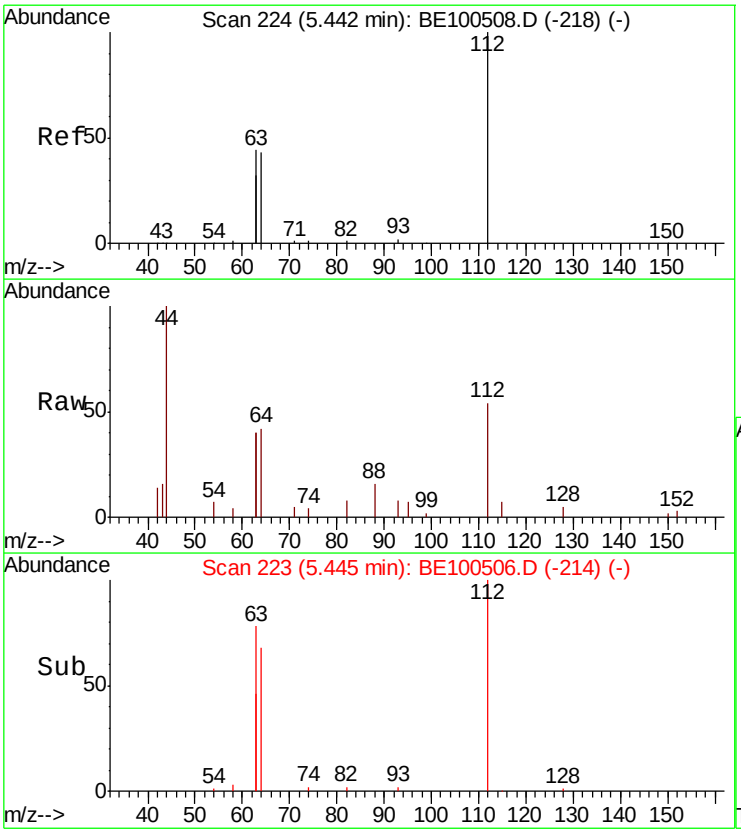
#3
n-Nitrosodimethylamine
Concen: 0.084 ng
RT: 3.69 min Scan# 71
Delta R.T. 0.03 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 601

Ion	Ratio	Lower	Upper
42	100		
74	150.4	127.2	190.8
44	66.2	18.2	27.4#

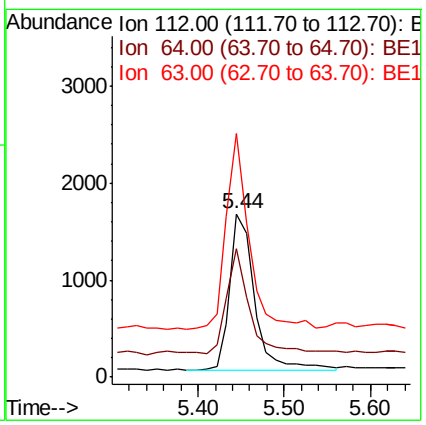


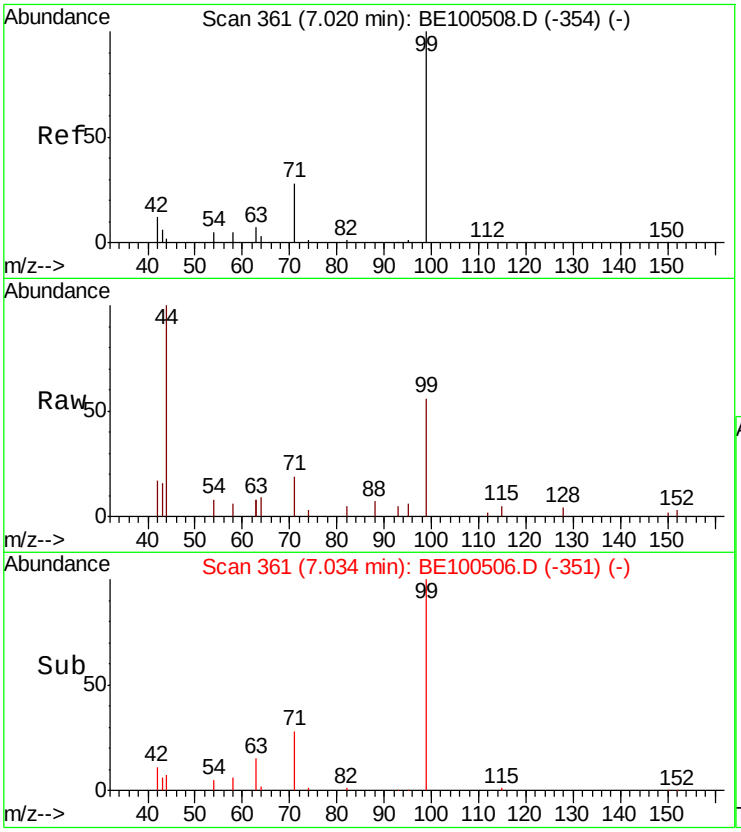


#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.44 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:112 Resp: 3204

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.2	69.2
63	115.4	88.2	132.4



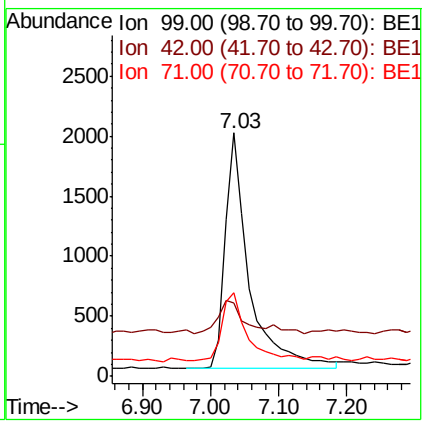


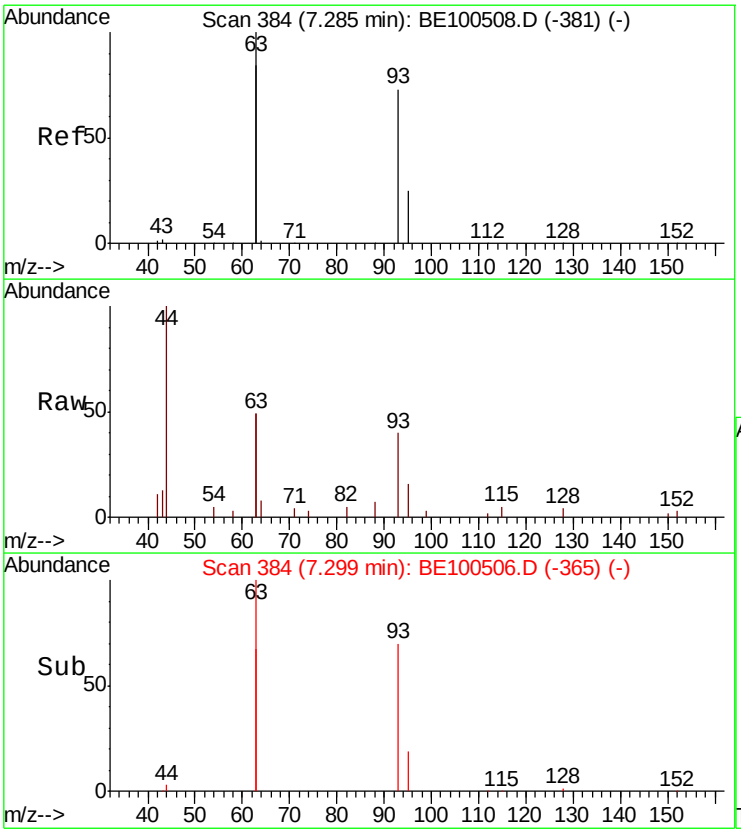
#5
Phenol-d6
Concen: 0.181 ng
RT: 7.03 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 4911

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.0	18.0
71	29.2	22.7	34.1

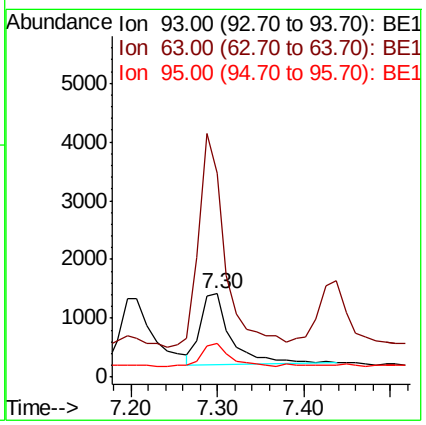


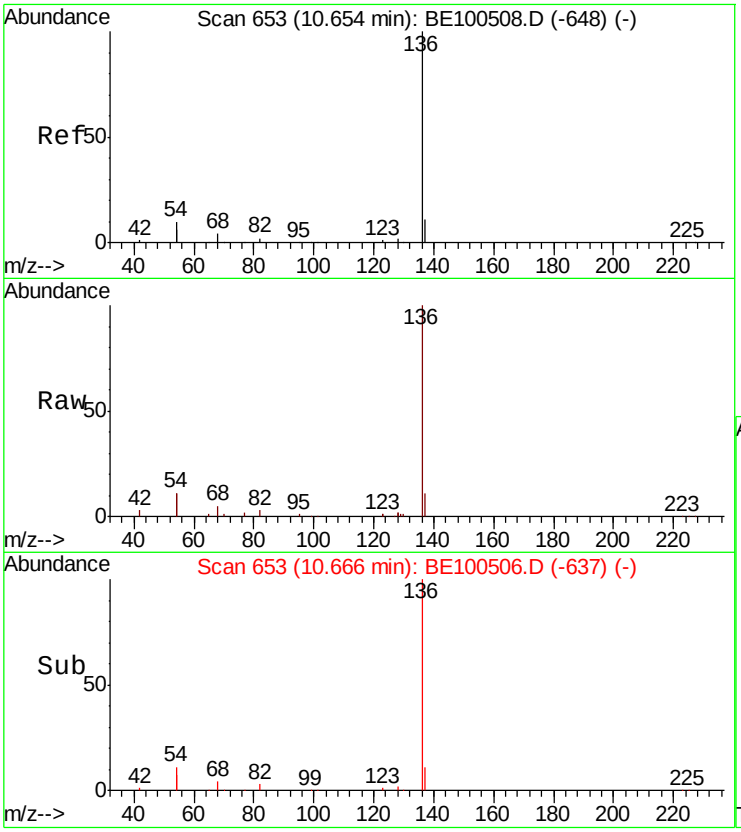


#6
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 7.30 min Scan# 384
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion: 93 Resp: 2995

Ion	Ratio	Lower	Upper
93	100		
63	254.7	228.3	342.5
95	30.8	24.6	36.8



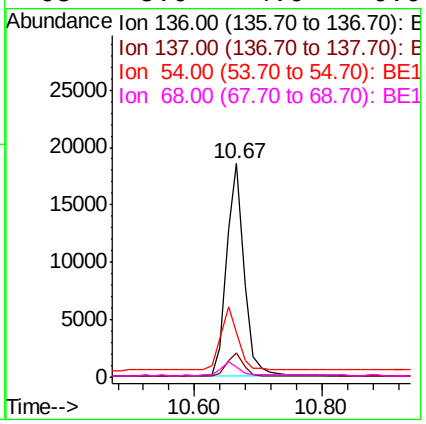


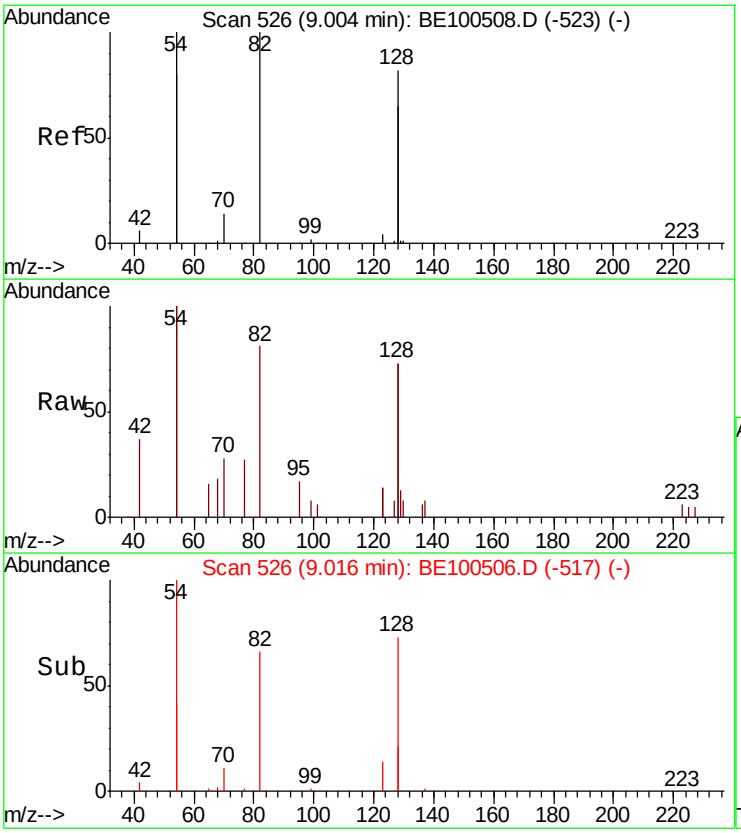
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 35689

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	21.0	15.4	23.0
68	5.0	4.0	6.0

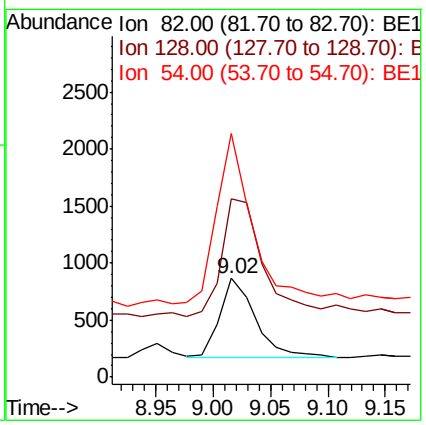


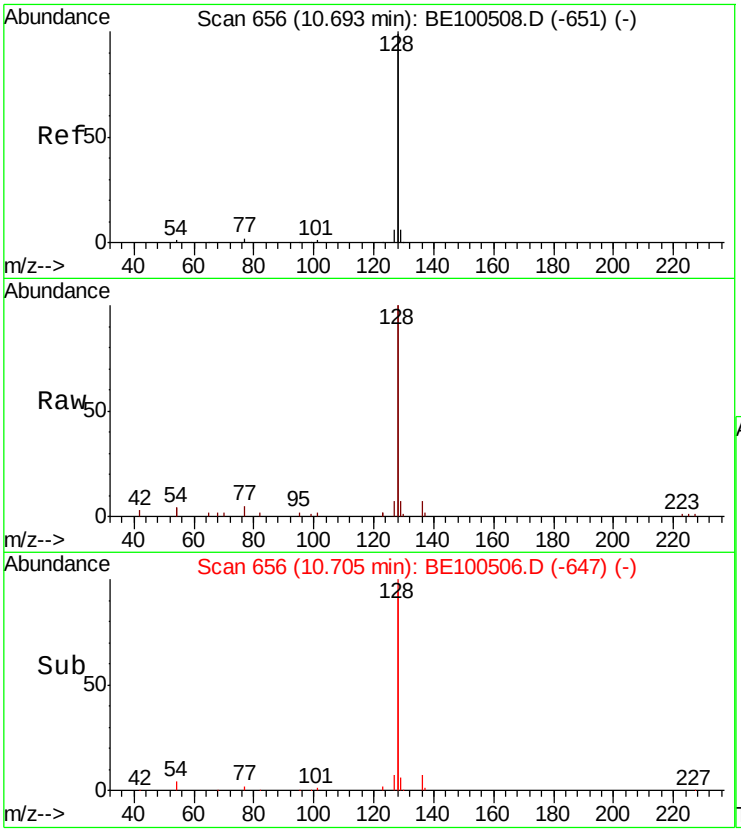


#8
Nitrobenzene-d5
Concen: 0.051 ng
RT: 9.02 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion: 82 Resp: 1518

Ion	Ratio	Lower	Upper
82	100		
128	181.3	124.6	186.8
54	246.9	151.8	227.8#



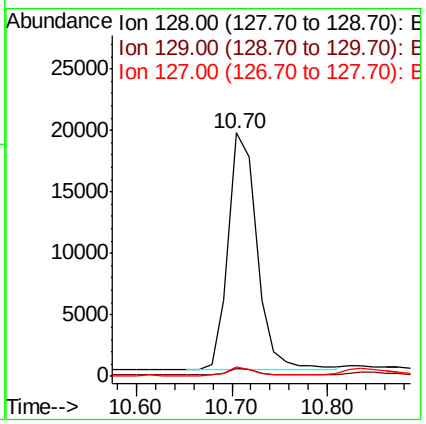


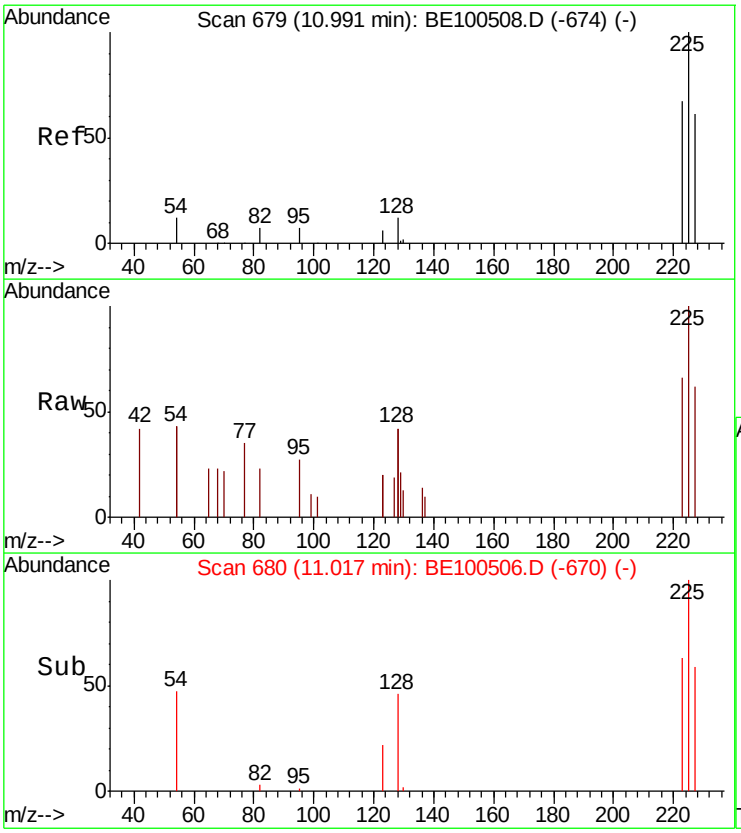
#9
Naphthalene
Concen: 0.117 ng
RT: 10.70 min Scan# 656
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 40160

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.3	3.5
127	3.7	2.6	4.0

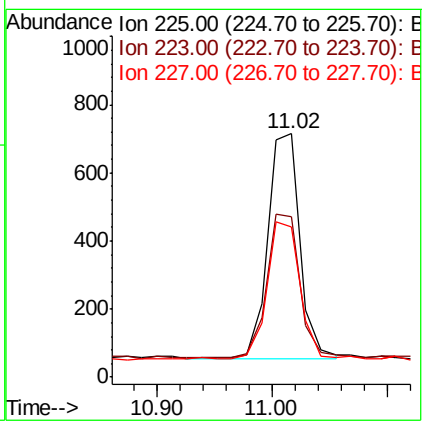


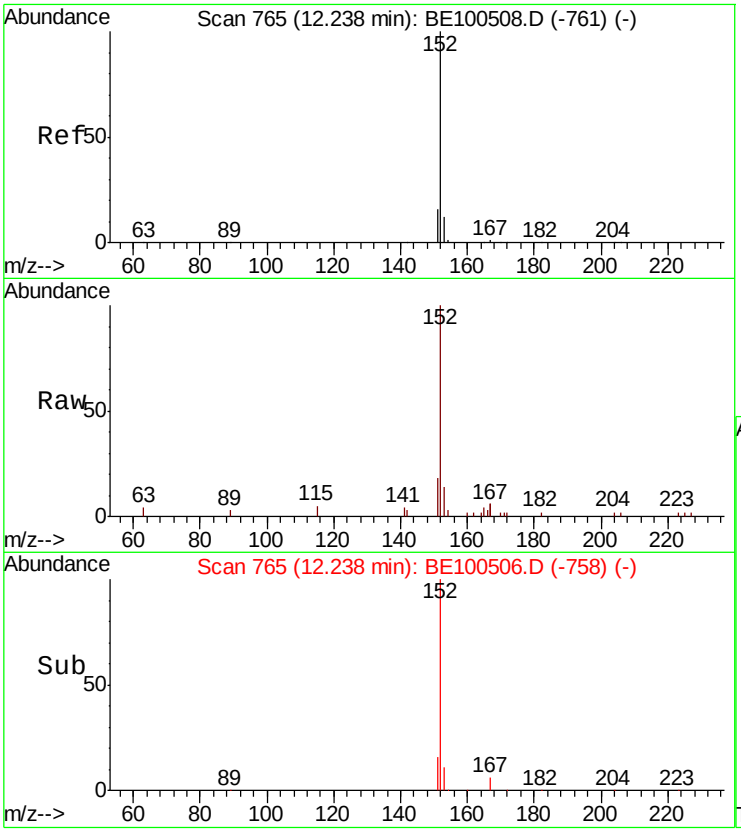


#10
Hexachlorobutadiene
Concen: 0.079 ng
RT: 11.02 min Scan# 680
Delta R.T. 0.03 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:225 Resp: 1291

Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.0	76.6
227	63.1	51.6	77.4



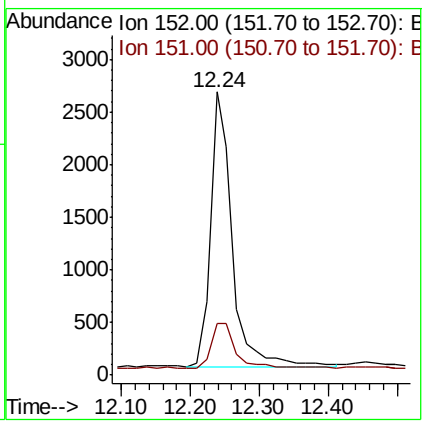


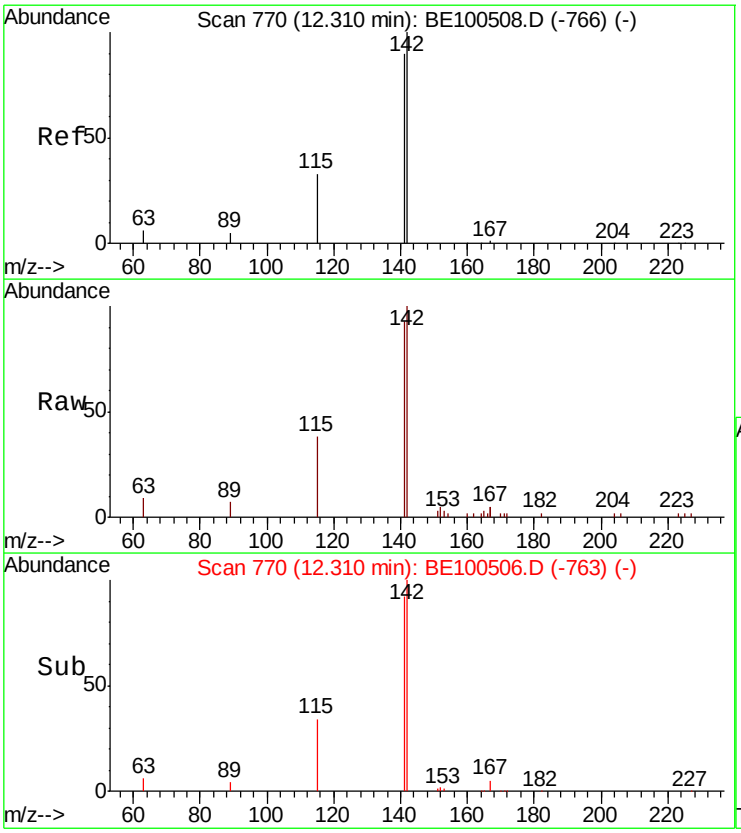
#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 5690

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.2	22.8

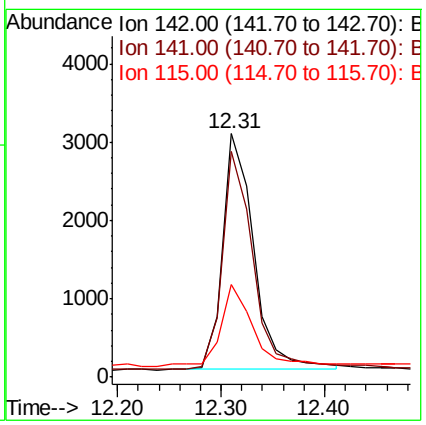


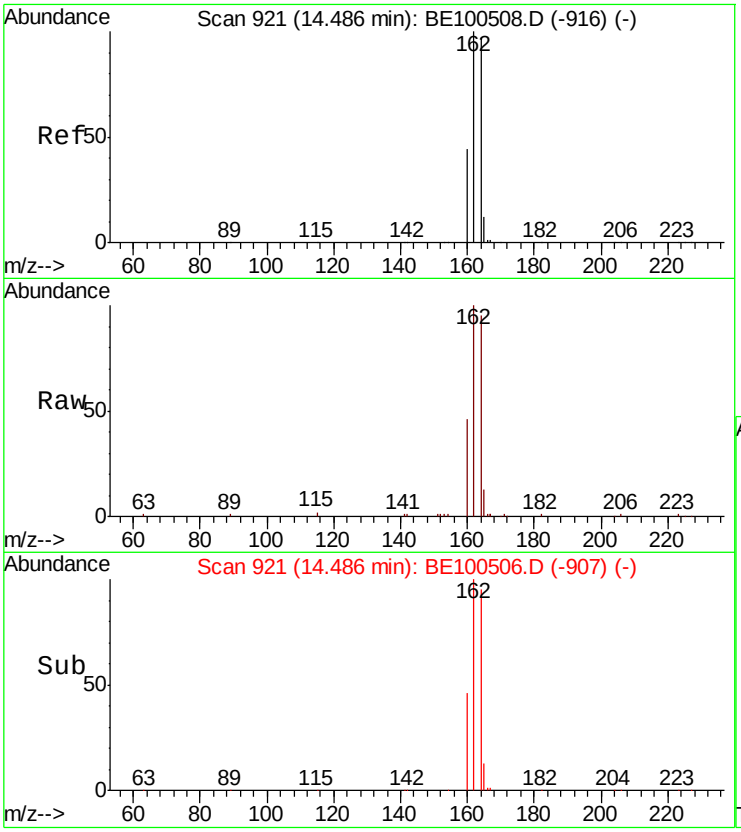


#12
2-Methylnaphthalene
Concen: 0.102 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:142 Resp: 6268

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.1	108.1
115	38.2	27.4	41.2



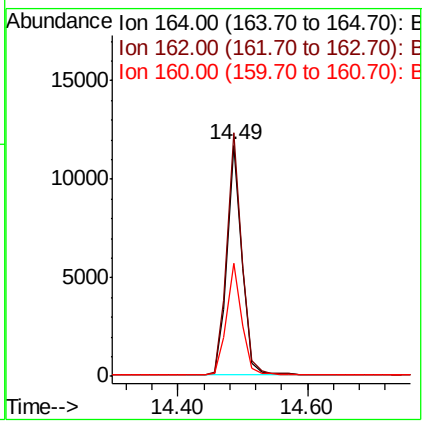


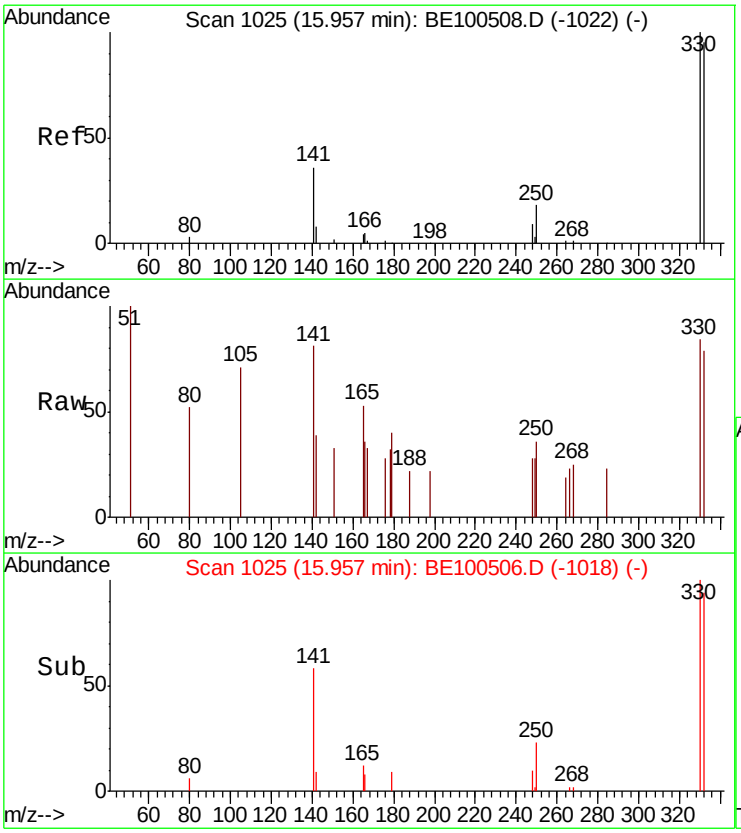
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 18684

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.8	124.2
160	48.8	36.8	55.2

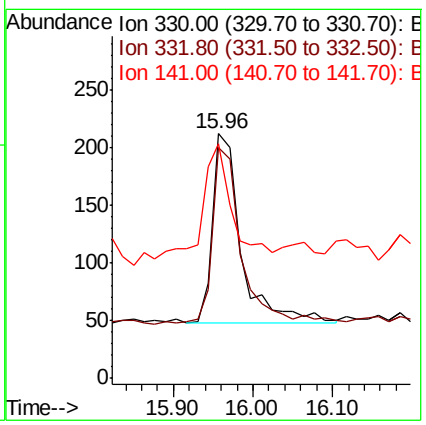


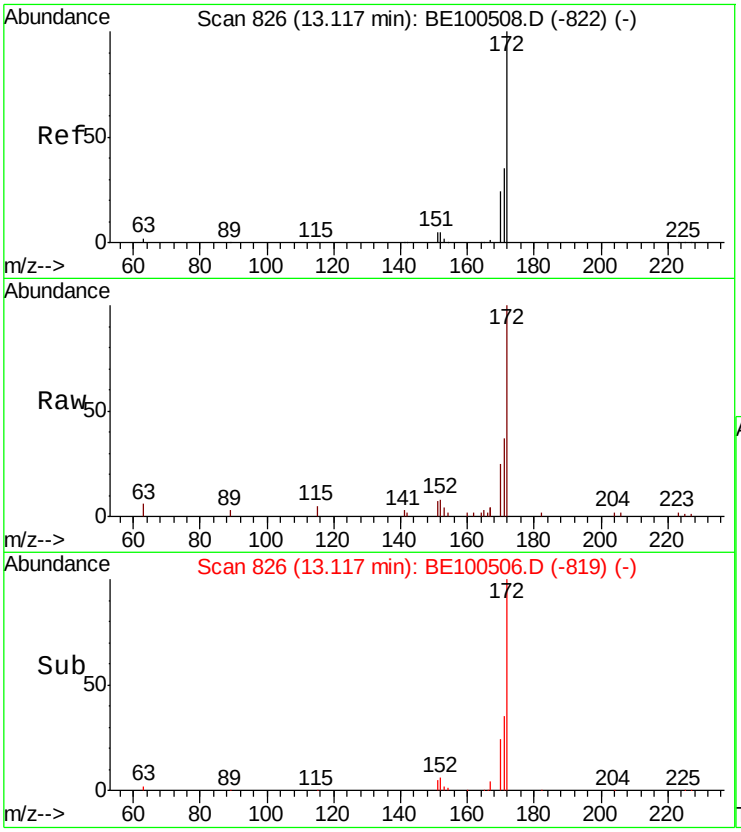


#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:330 Resp: 405

Ion	Ratio	Lower	Upper
330	100		
332	95.6	80.2	120.2
141	48.6	43.7	65.5



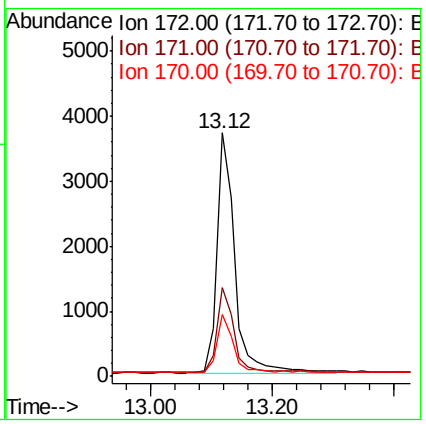


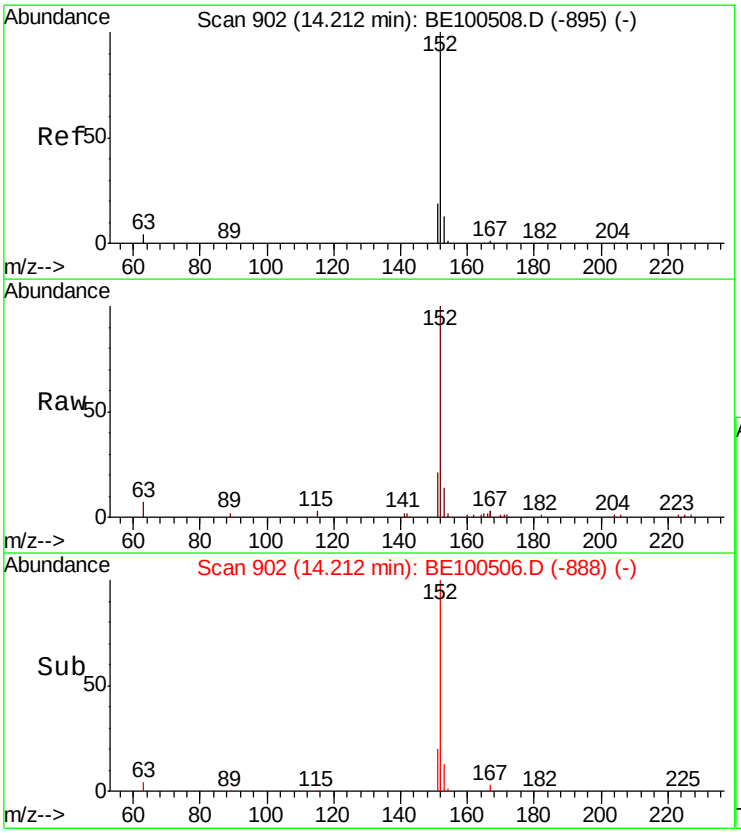
#15
2-Fluorobiphenyl
Concen: 0.098 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 7477

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.4	42.6
170	25.3	19.2	28.8

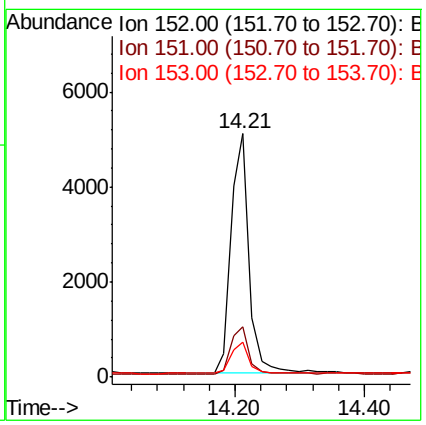


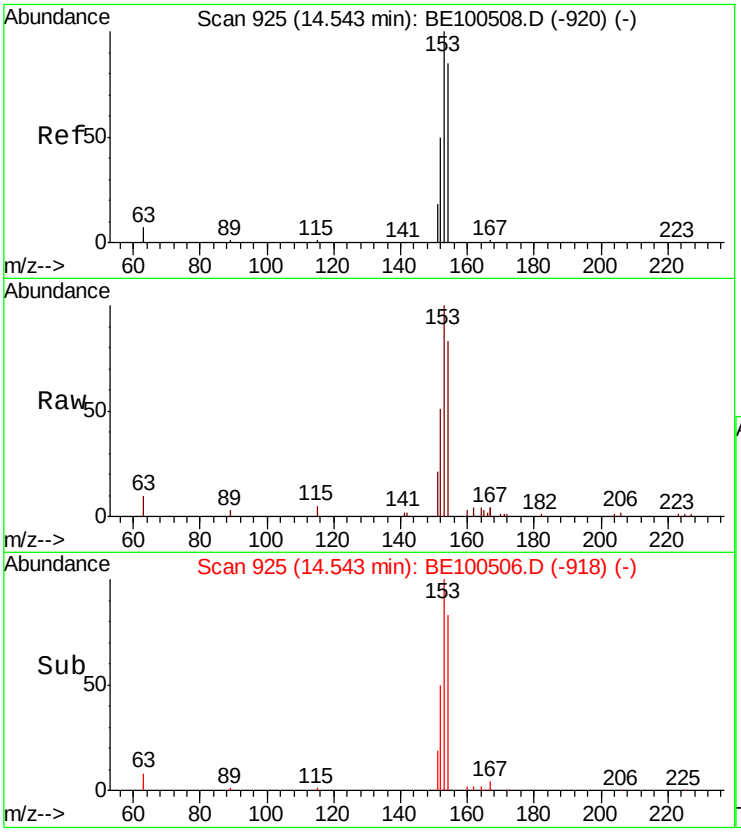


#16
Acenaphthylene
Concen: 0.113 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:152 Resp: 9753

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.8	10.2	15.2



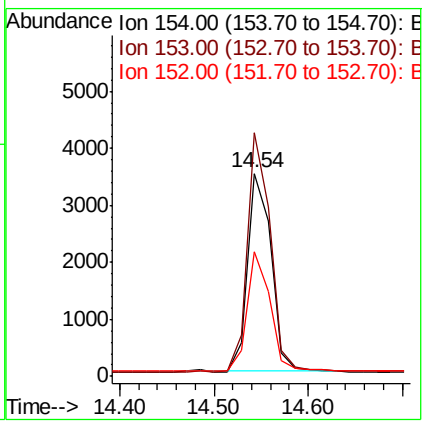


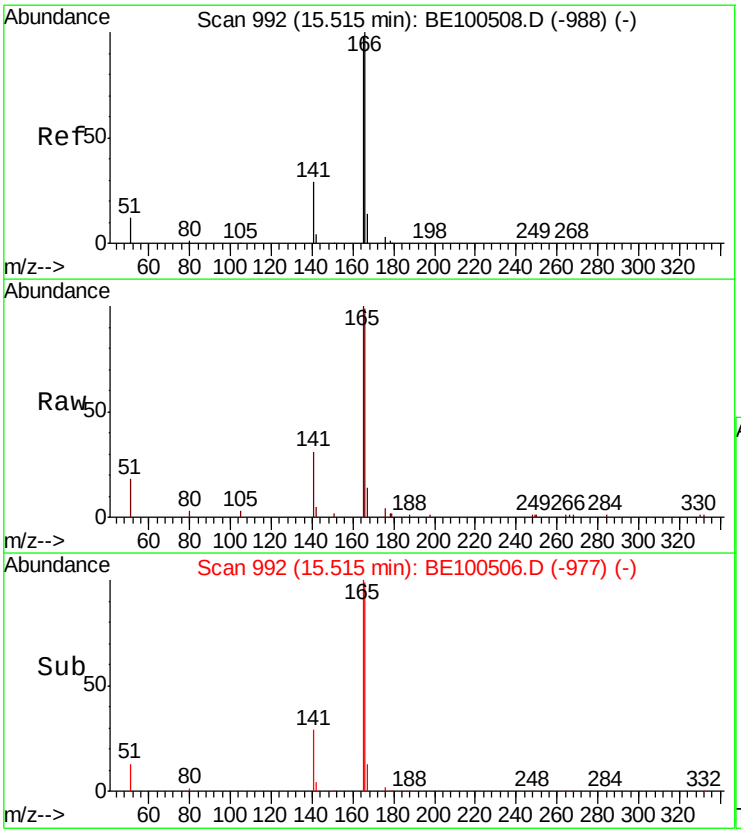
#17
Acenaphthene
Concen: 0.117 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 6085

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.5	137.3
152	58.8	44.9	67.3

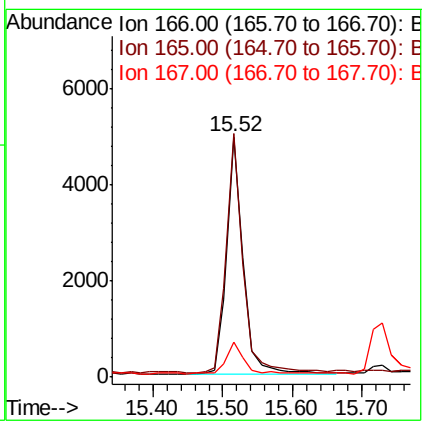


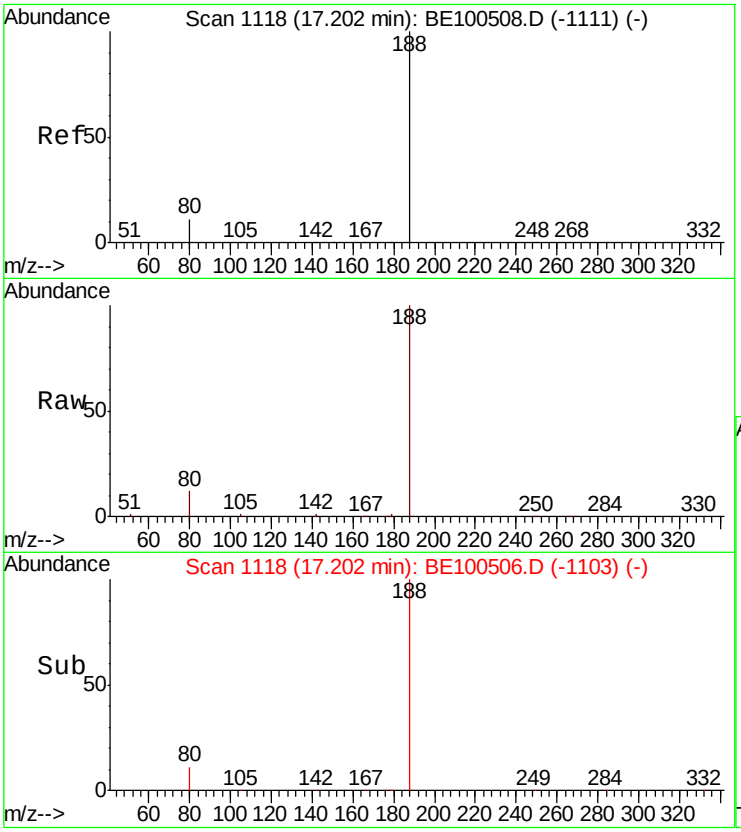


#18
Fluorene
Concen: 0.116 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:166 Resp: 8051

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.9	118.3
167	13.8	10.9	16.3



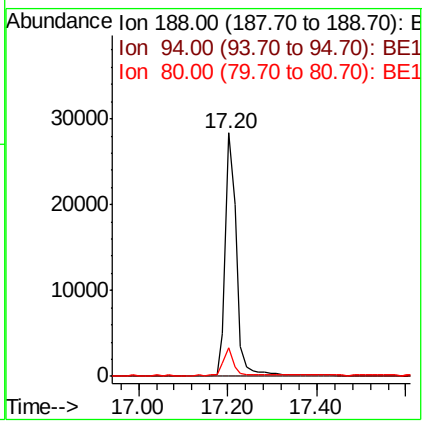


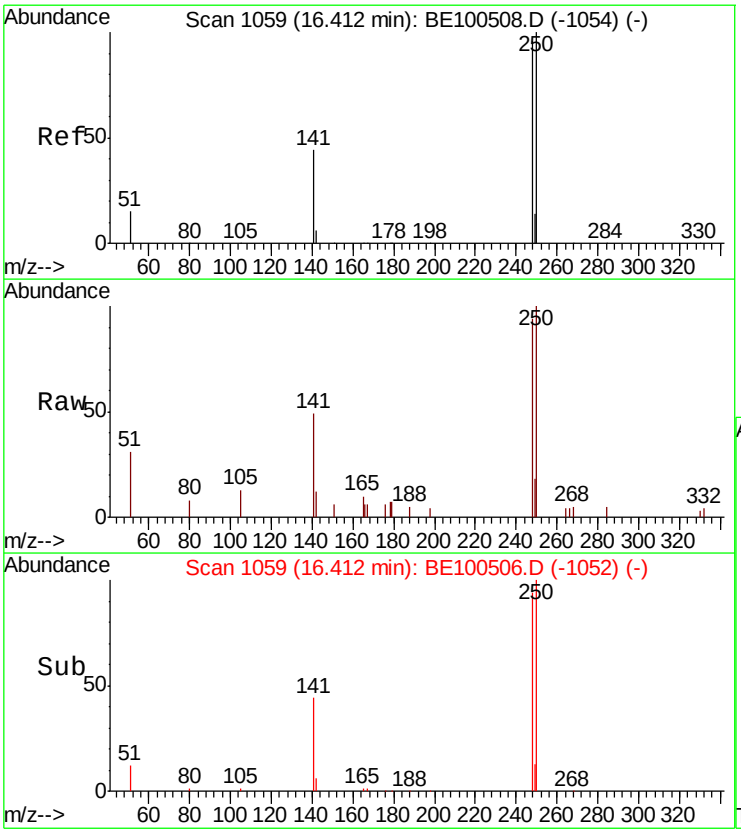
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 49043

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	9.0	13.6

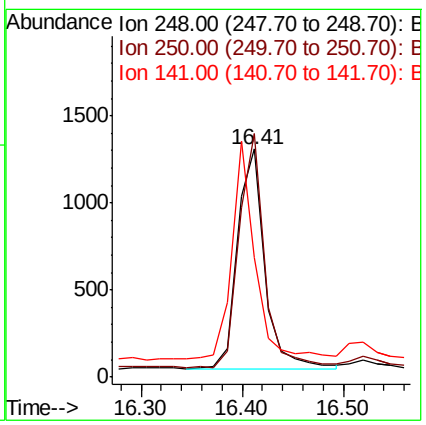


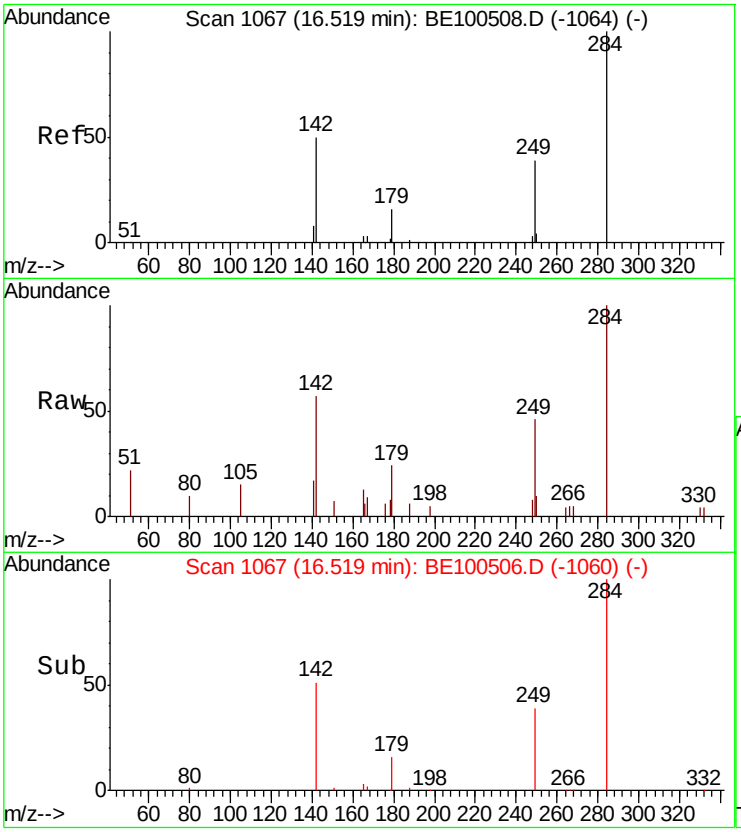


#20
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:248 Resp: 2370

Ion	Ratio	Lower	Upper
248	100		
250	106.9	83.0	124.4
141	52.7	38.0	57.0



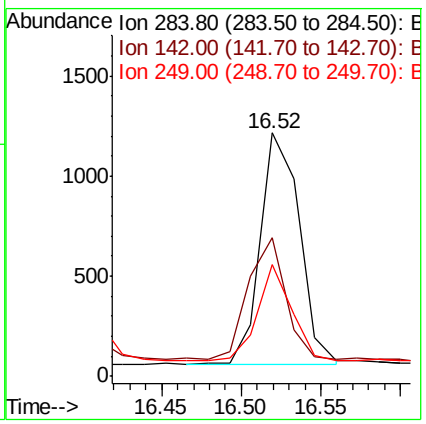


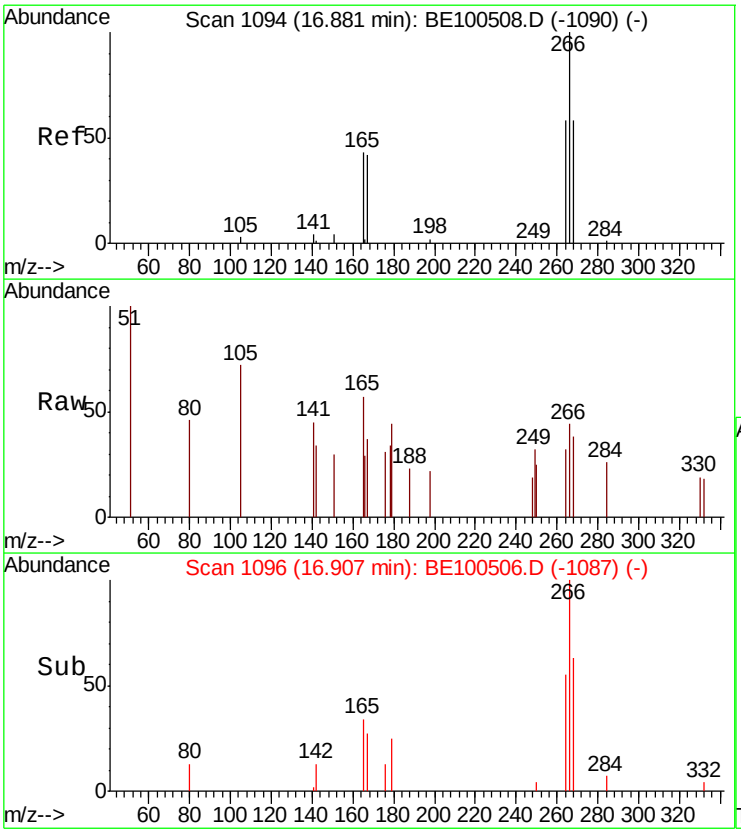
#21
Hexachlorobenzene
Concen: 0.082 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 1958

Ion	Ratio	Lower	Upper
284	100		
142	50.4	38.2	57.4
249	36.6	28.8	43.2

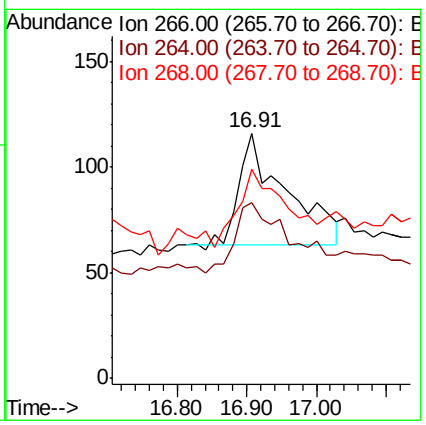


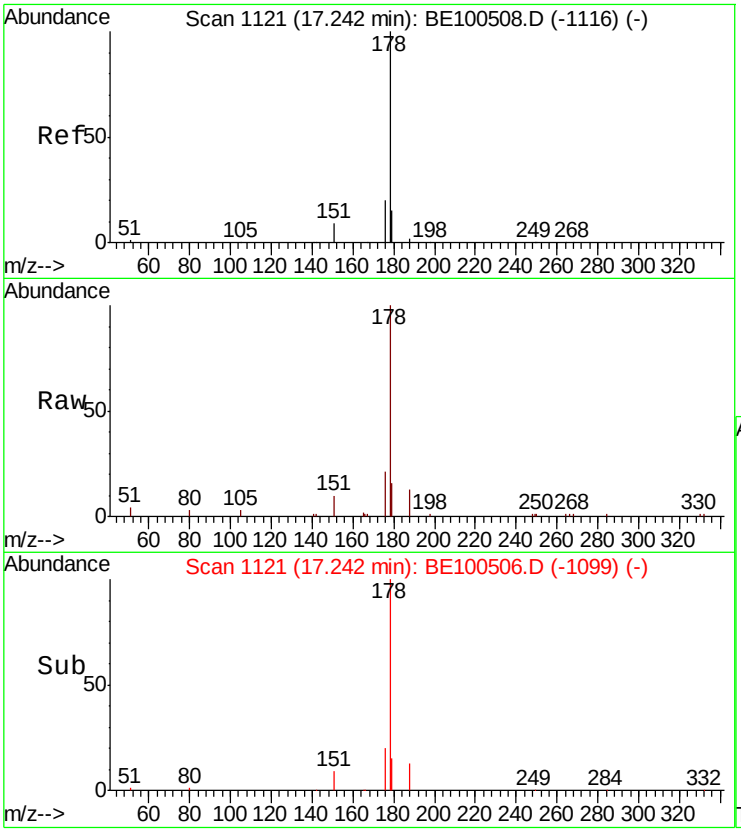


#22
Pentachlorophenol
Concen: 0.025 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.03 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:266 Resp: 250

Ion	Ratio	Lower	Upper
266	100		
264	71.6	48.6	73.0
268	85.3	52.3	78.5#



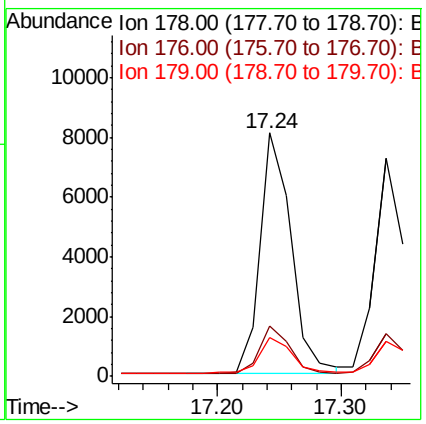


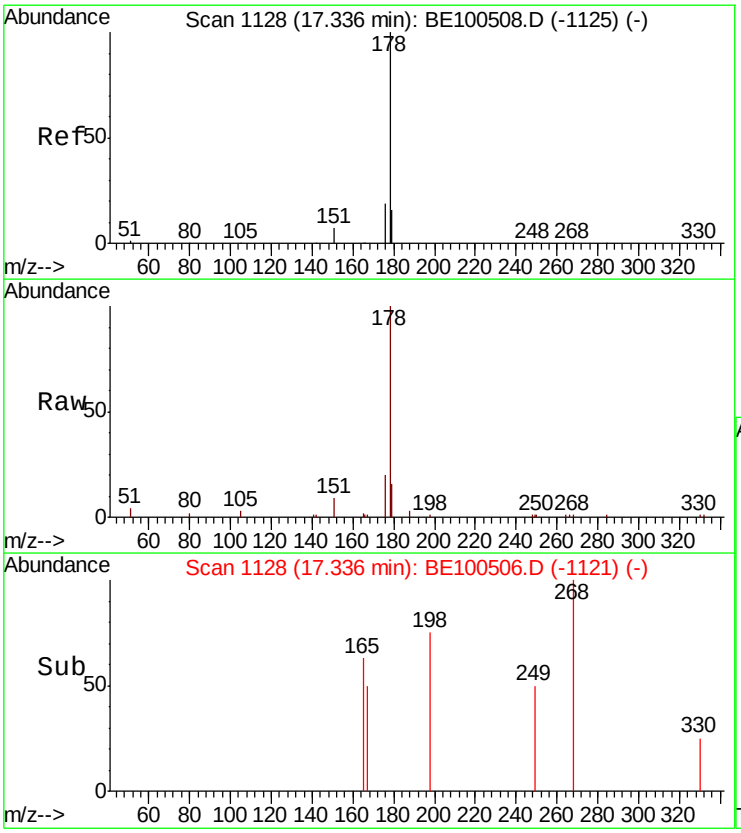
#23
Phenanthrene
Concen: 0.116 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 13978

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.3	12.4	18.6

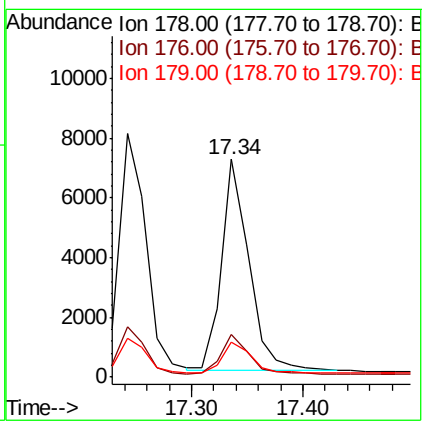


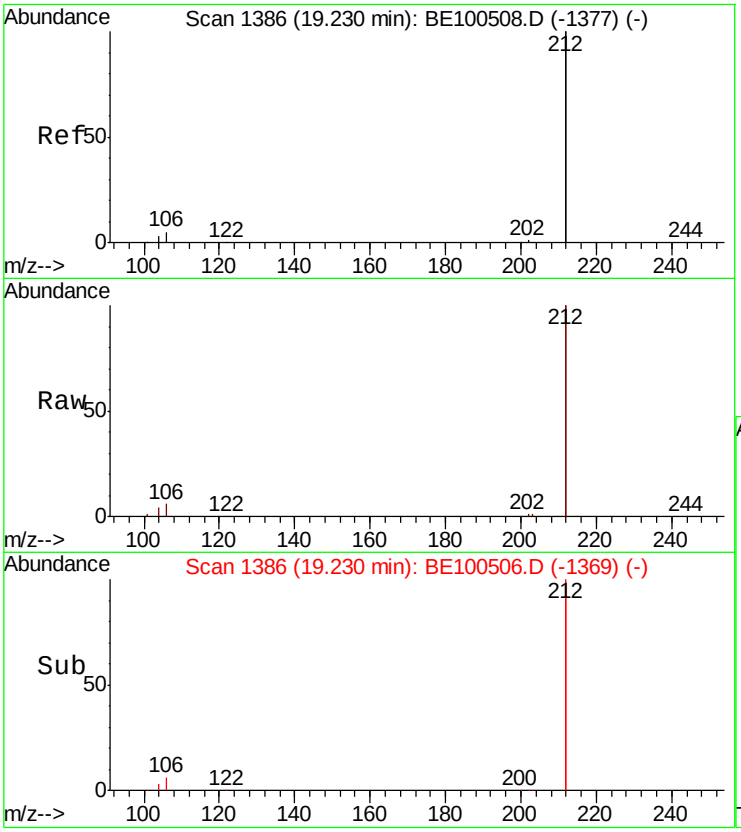


#24
Anthracene
Concen: 0.105 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:178 Resp: 11979

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.5	12.4	18.6



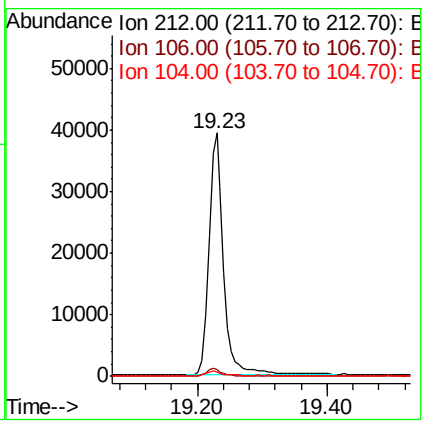


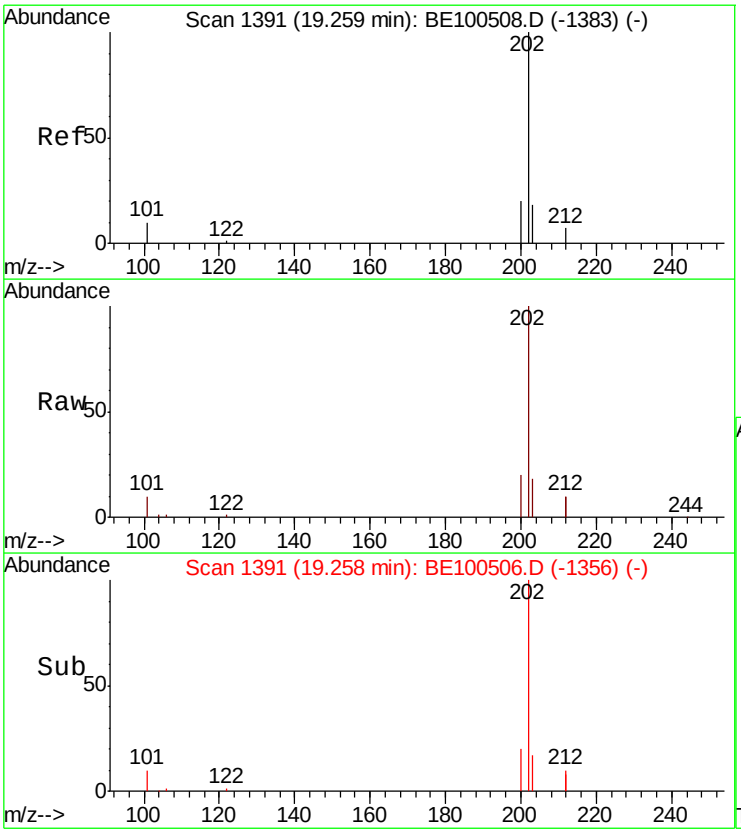
#25
Fluoranthene-d10
Concen: 0.094 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 63044

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.4	3.6
104	1.7	1.4	2.0

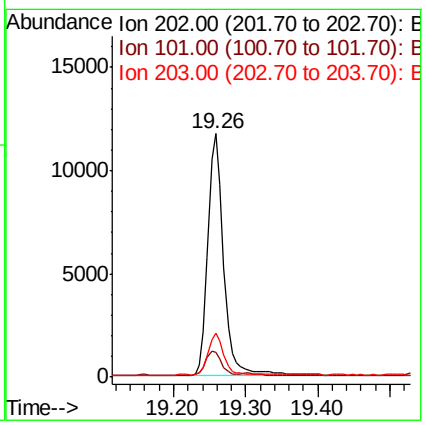


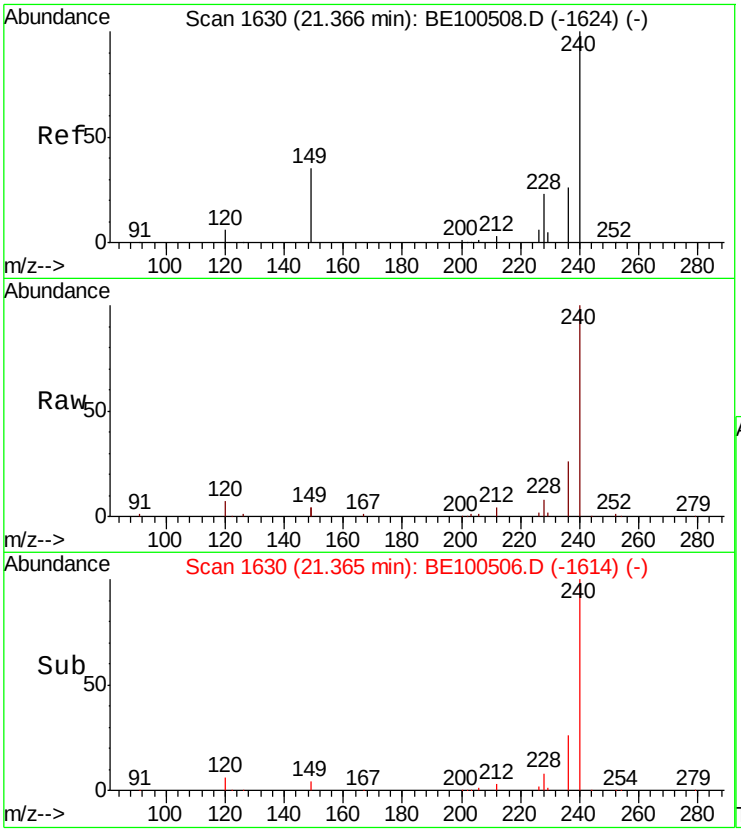


#26
Fluoranthene
Concen: 0.104 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:202 Resp: 17983

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.8	13.2
203	16.9	13.8	20.8



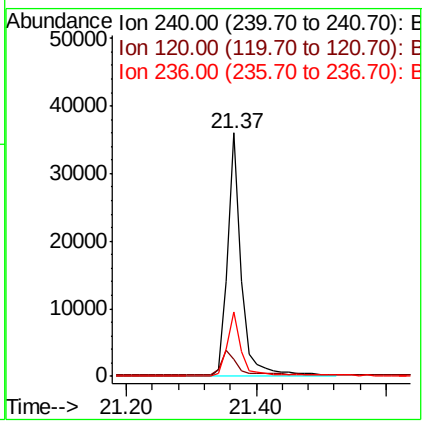


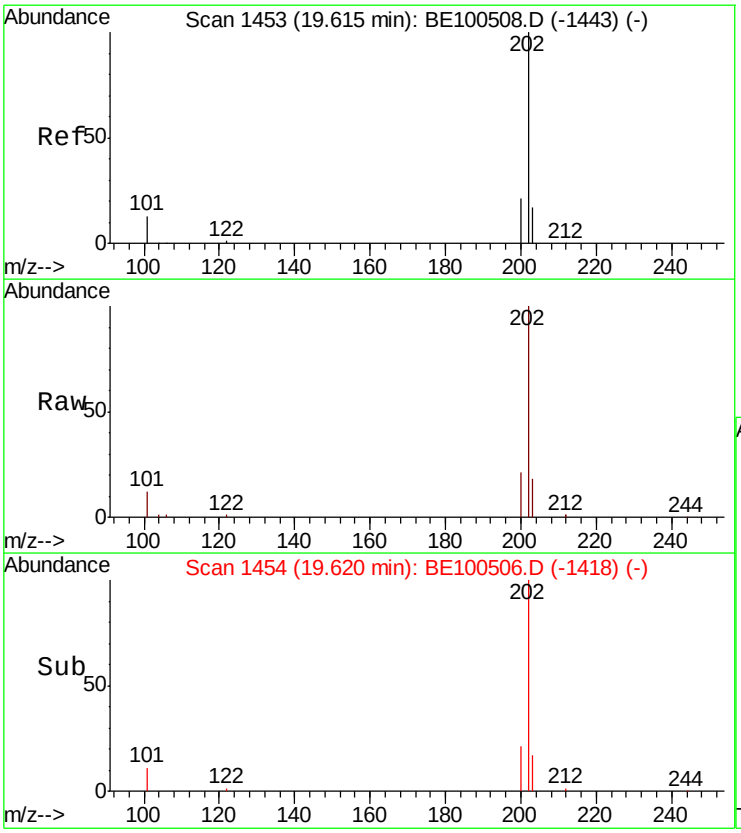
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 54224

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.1	7.7
236	26.4	20.9	31.3

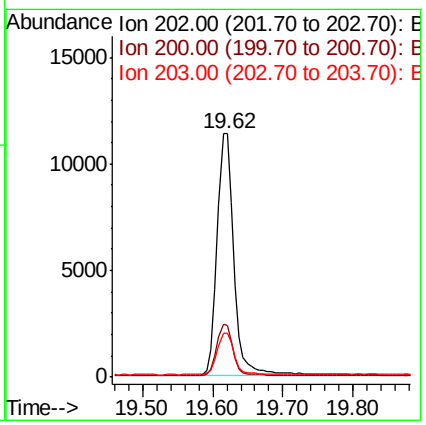


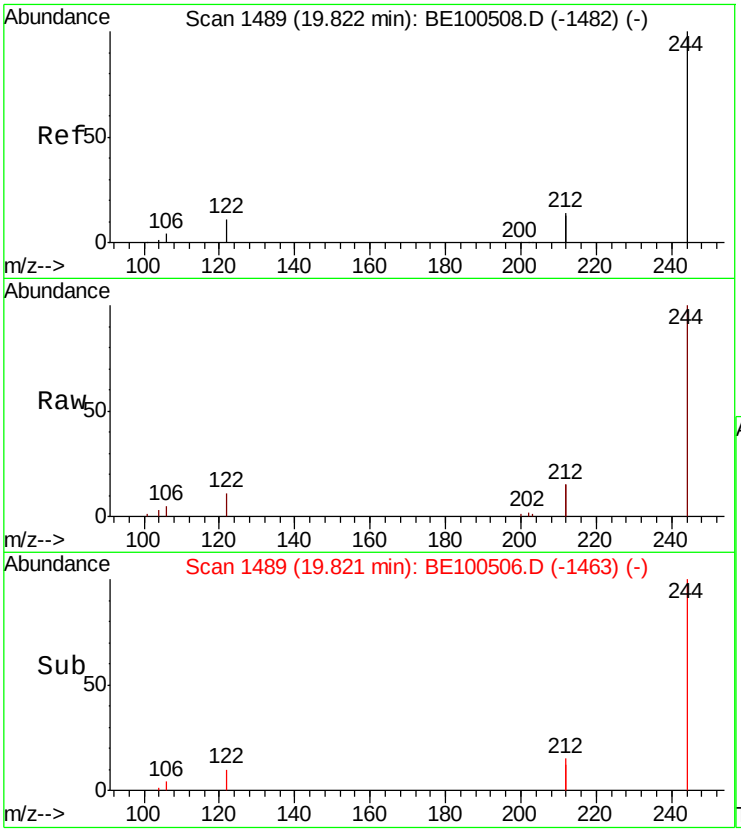


#28
Pyrene
Concen: 0.111 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:202 Resp: 18761

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	13.9	20.9



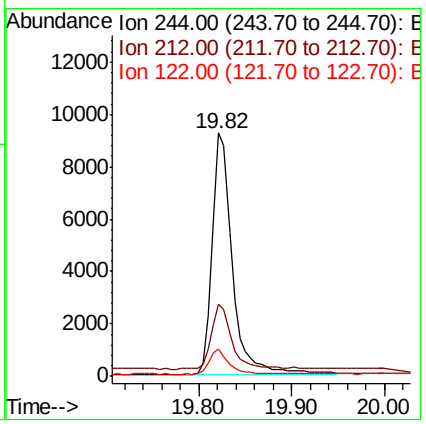


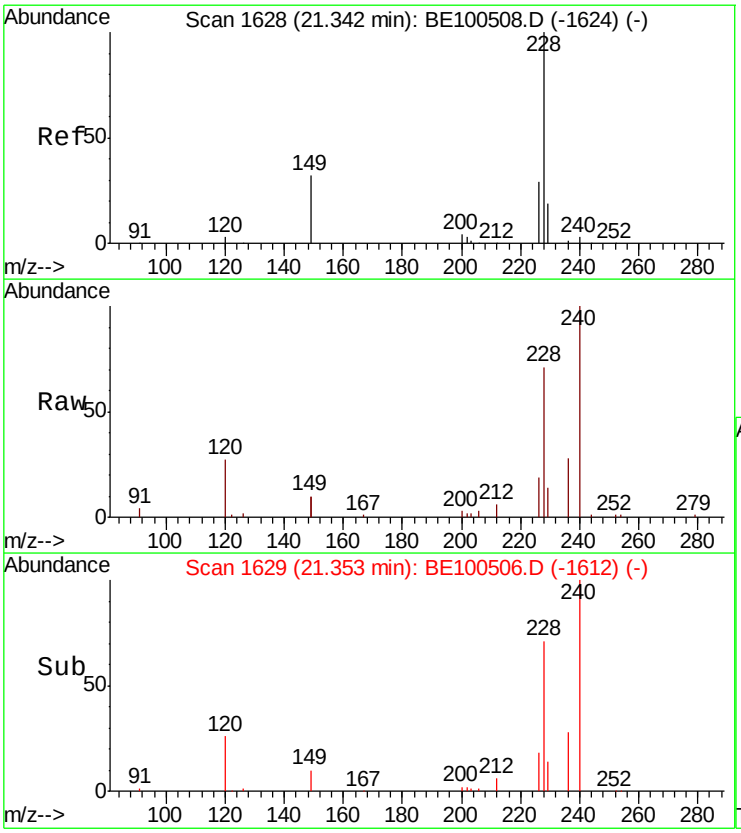
#29
Terphenyl-d14
Concen: 0.105 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 14066

Ion	Ratio	Lower	Upper
244	100		
212	29.7	22.8	34.2
122	11.4	9.0	13.4

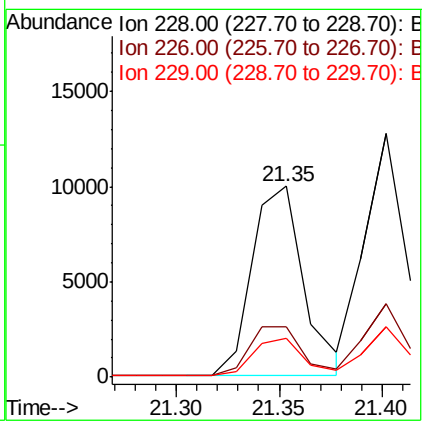


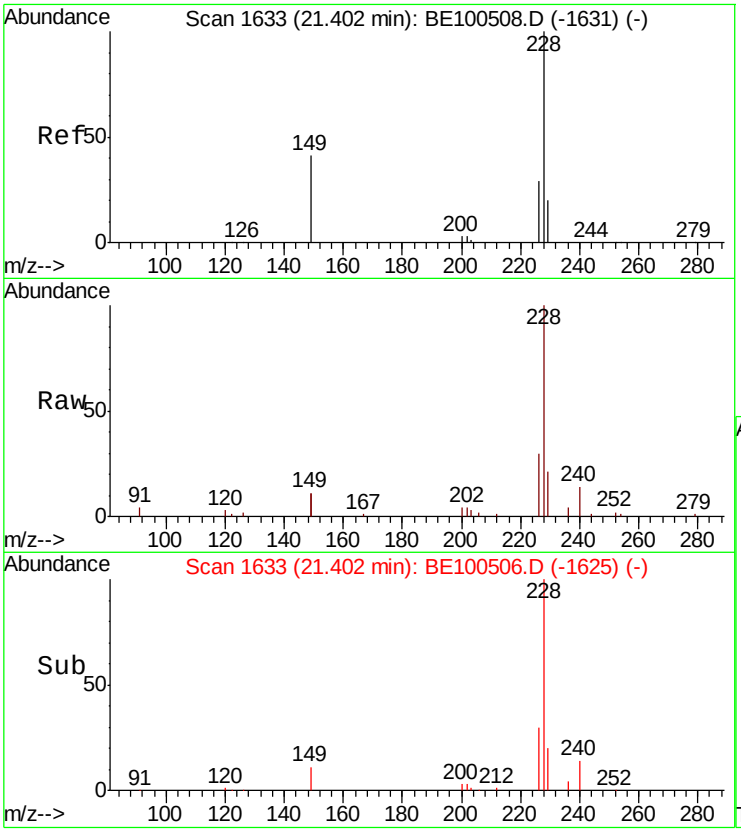


#30
Benzo(a)anthracene
Concen: 0.106 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:228 Resp: 17511

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.1	34.7
229	20.4	15.3	22.9



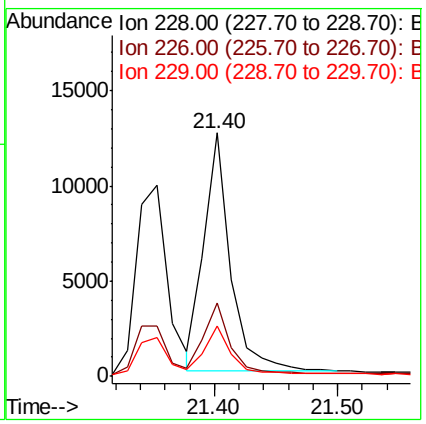


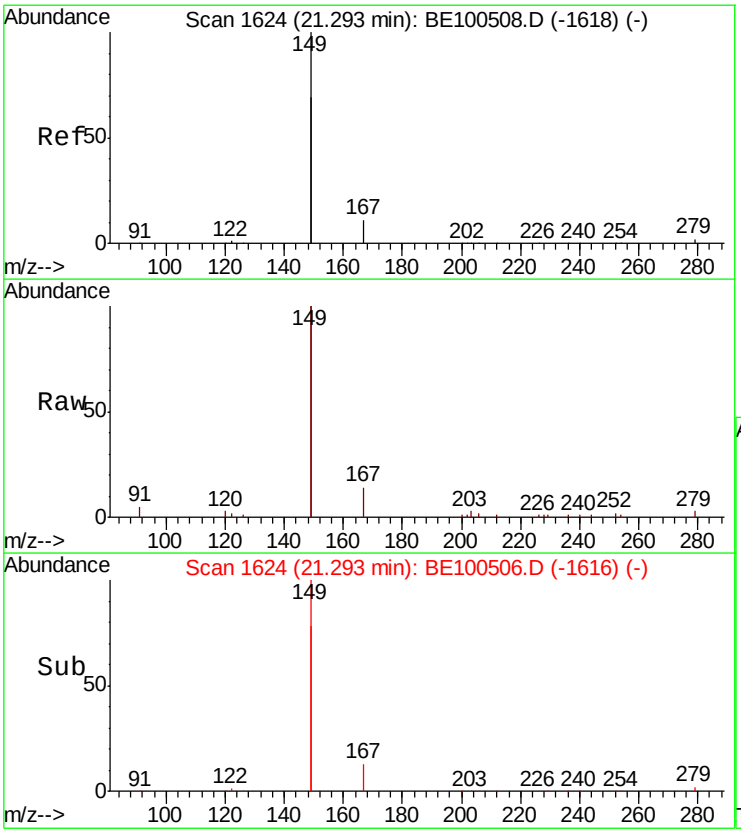
#31
Chrysene
Concen: 0.115 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 18791

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	20.6	15.8	23.8

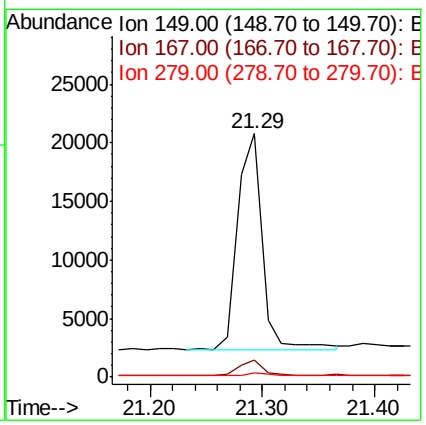


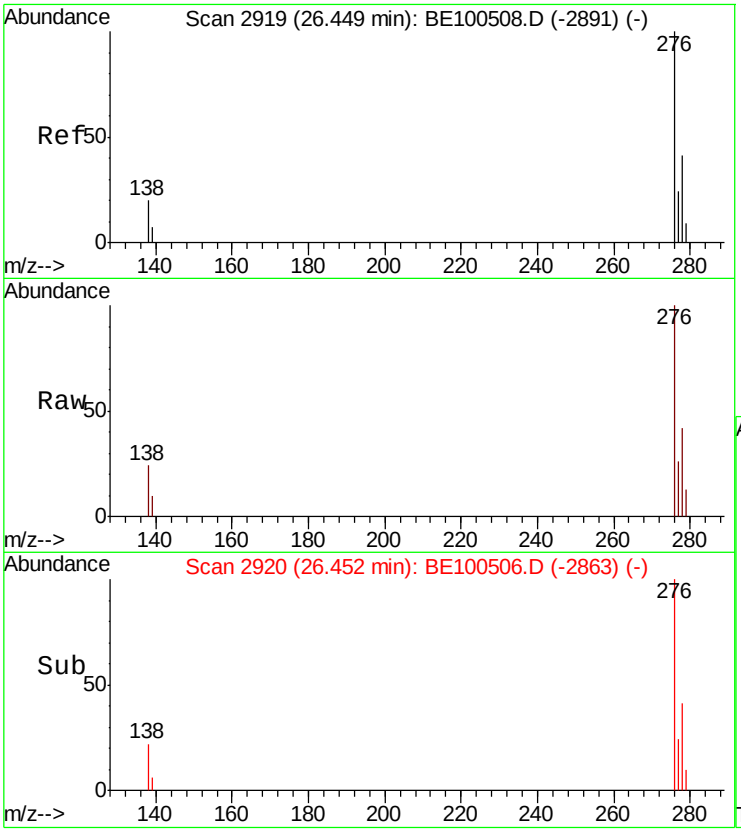


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:149 Resp: 28064

Ion	Ratio	Lower	Upper
149	100		
167	6.7	3.5	5.3#
279	1.3	0.6	0.8#



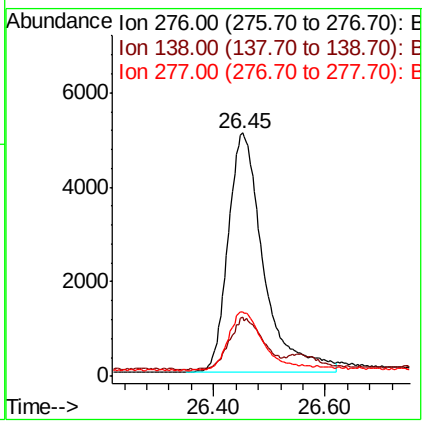


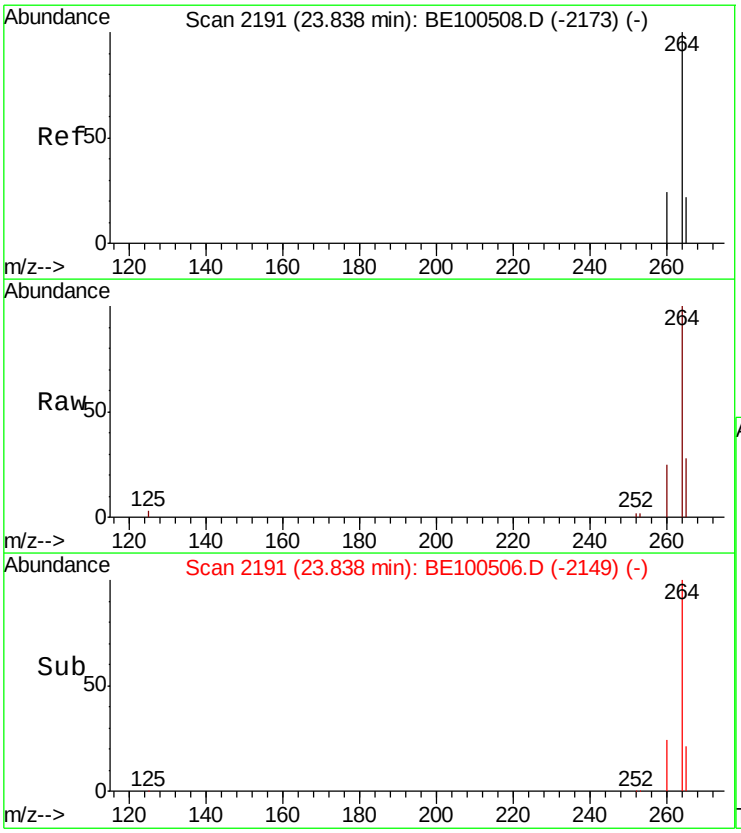
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng
RT: 26.45 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 22463

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.8	26.8
277	23.7	19.0	28.6

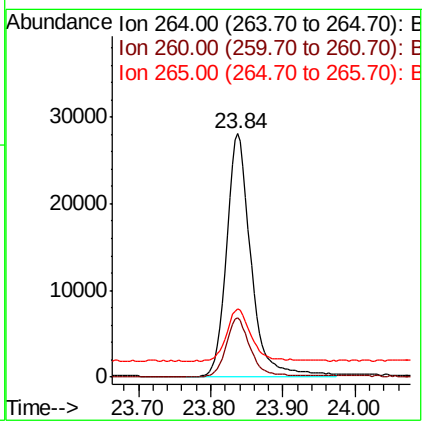


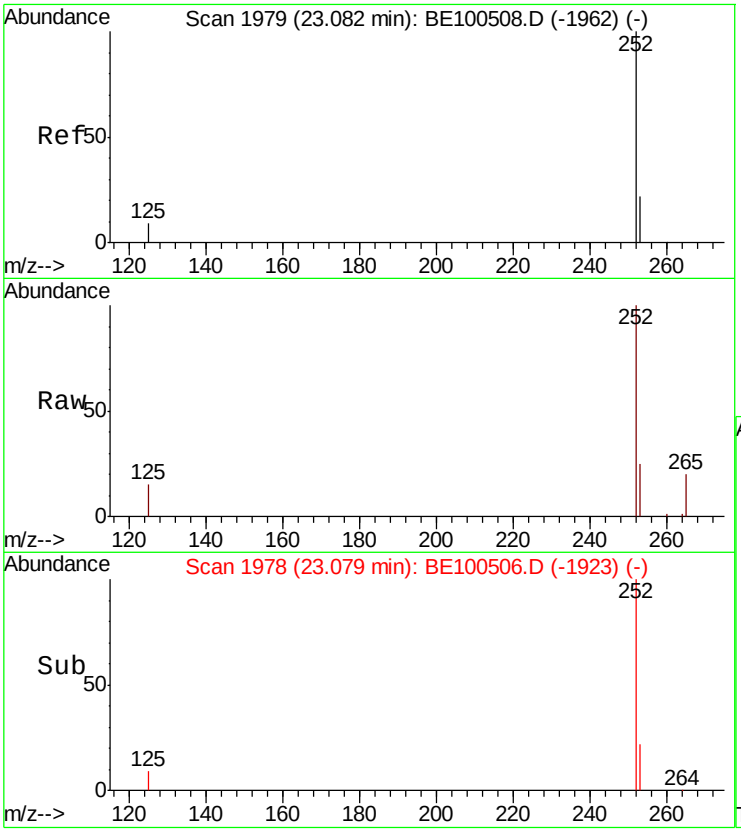


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:264 Resp: 64208

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	28.1	23.0	34.4



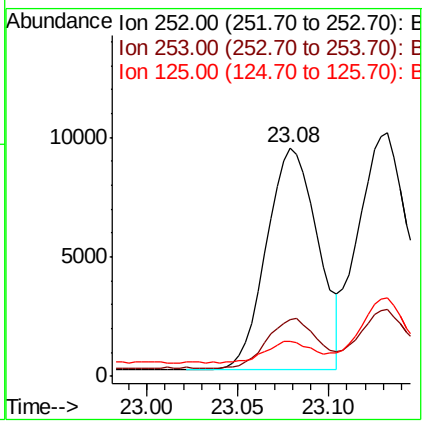


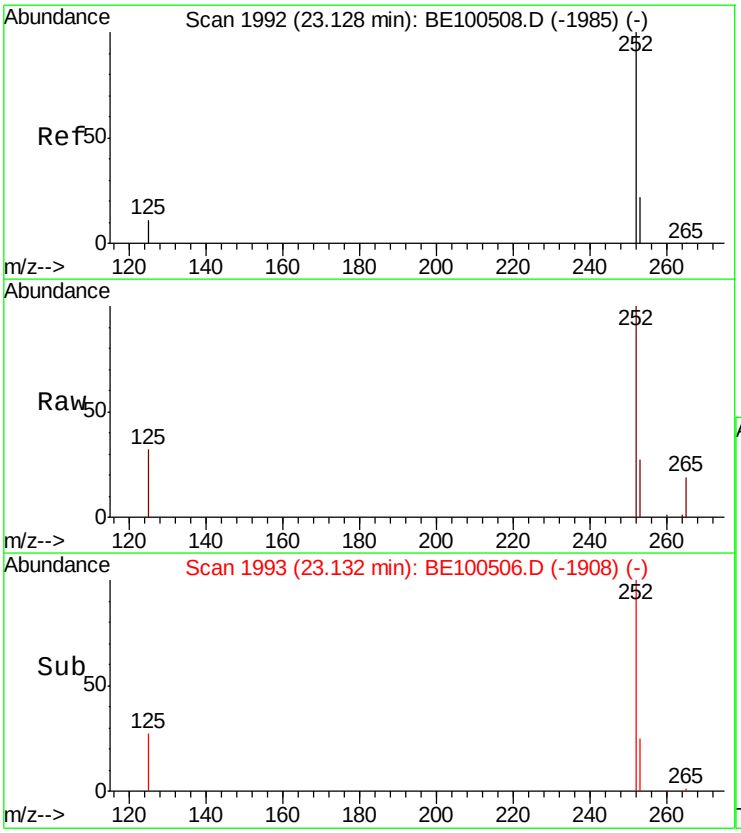
#35
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 18133

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	15.1	8.6	13.0#

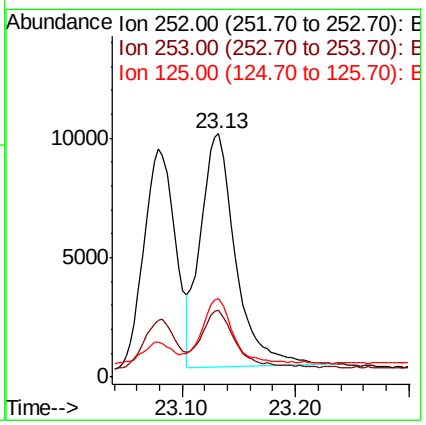


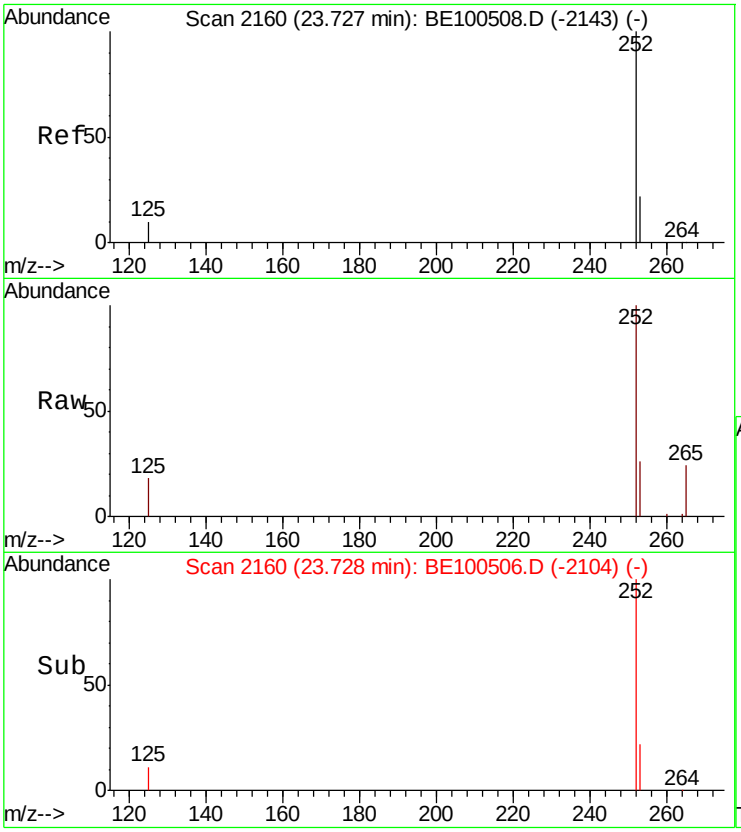


#36
Benzo(k)fluoranthene
Concen: 0.115 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:252 Resp: 21224

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.4#
125	32.4	9.3	13.9#



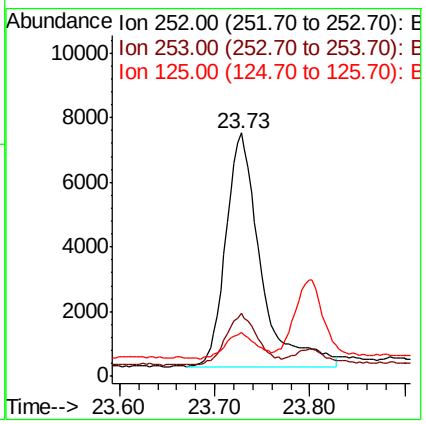


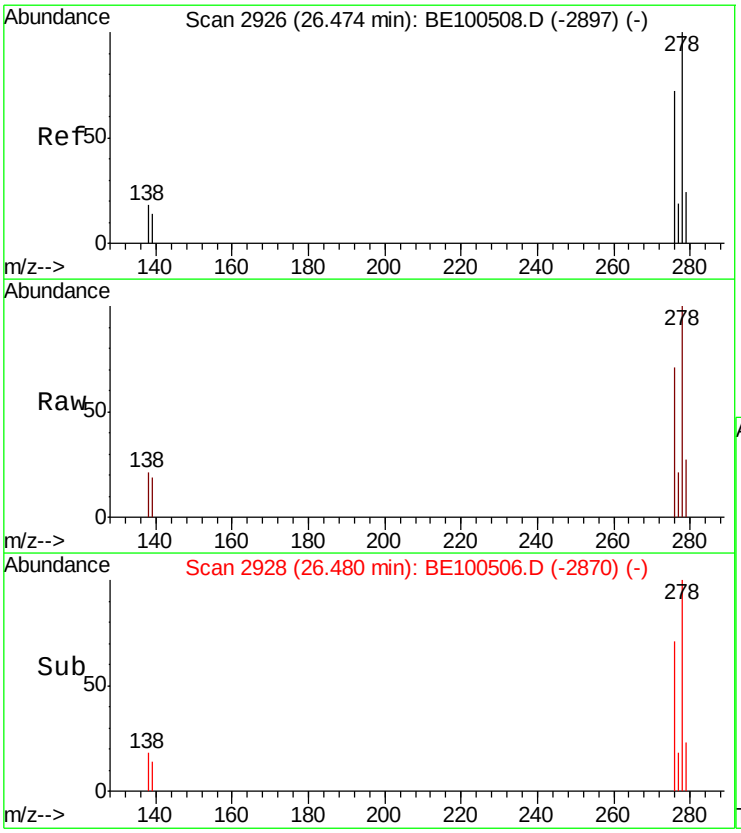
#37
Benzo(a)pyrene
Concen: 0.107 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 18259

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	18.0	9.7	14.5#

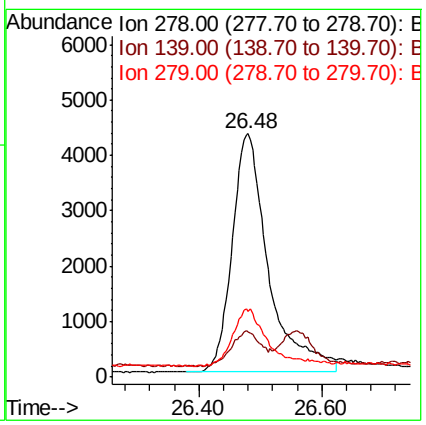


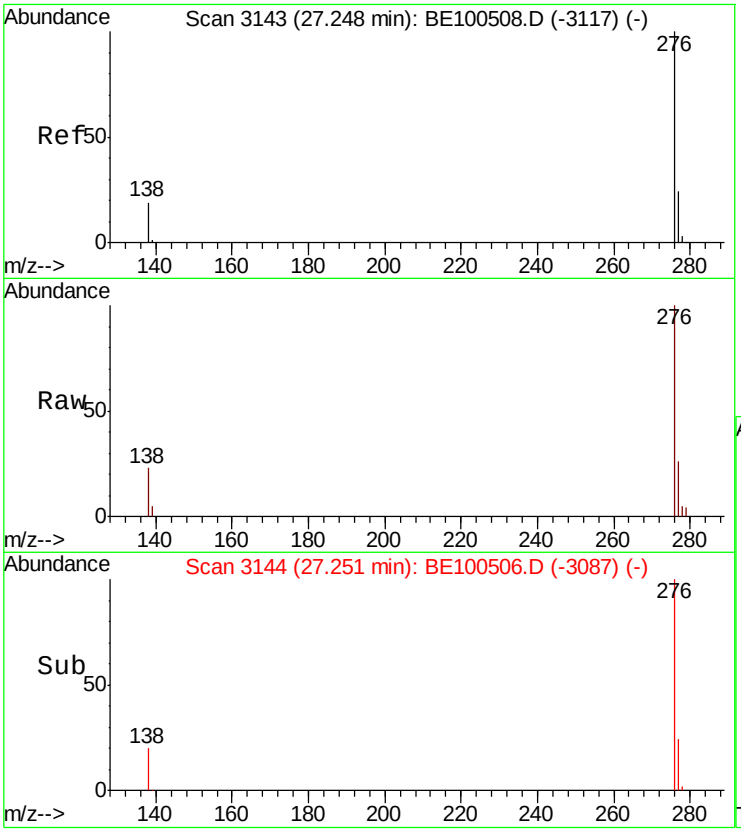


#38
Dibenzo(a,h)anthracene
Concen: 0.110 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Tgt Ion:278 Resp: 17727

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.1	18.1#
279	27.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.116 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE100506.D
Acq: 18 Sep 2019 14:16

Instrument :
BNA_N
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 19218

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.6	29.4
138	22.6	16.0	24.0