Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100125.D
Acq On : 21 Jun 2019 2:05
Operator : JU/SJ
Sample : K3309-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY032MW006-190610

Quant Time: Jun 21 06:51:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1438	0.40	ng		-0.01
7) Naphthalene-d8	10.51	136	18235	0.40	ng		-0.03
13) Acenaphthene-d10	14.43	164	2662	0.40	ng		0.01
19) Phenanthrene-d10	17.16	188	10199	0.40	ng		0.00
27) Chrysene-d12	21.35	240	12238	0.40	ng		0.01
34) Perylene-d12	23.84	264	13935	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	586	0.20	ng		0.00
5) Phenol-d6	6.93	99	569	0.14	ng		0.00
8) Nitrobenzene-d5	9.02	82	82378	4.66	ng		0.10
11) 2-Methylnaphthalene-d10	12.15	152	3259	0.09	ng		0.00
14) 2,4,6-Tribromophenol	15.92	330	986	0.67	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	10890	1.04	ng		0.00
25) Fluoranthene-d10	19.20	212	41205	0.28	ng		0.00
29) Terphenyl-d14	19.80	244	10813	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4415555	1913.780	ng	#	89
6) bis(2-Chloroethyl)ether	7.17	93	1090039	257.815	ng		90
9) Naphthalene	10.59	128	1604877	8.099	ng	#	98
12) 2-Methylnaphthalene	12.22	142	33935	1.041	ng	#	86
16) Acenaphthylene	14.17	152	1068	0.085	ng	#	73
17) Acenaphthene	14.48	154	647	0.092	ng	#	11
18) Fluorene	15.46	166	1016	0.097	ng	#	91
22) Pentachlorophenol	16.83	266	57	0.268	ng	#	53
23) Phenanthrene	17.20	178	1044	0.043	ng	#	59
24) Anthracene	17.28	178	950	0.046	ng	#	62
26) Fluoranthene	19.22	202	1749	0.045	ng	#	66
30) Benzo(a)anthracene	21.33	228	1285	0.035	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.26	149	92526	2.693	ng		100

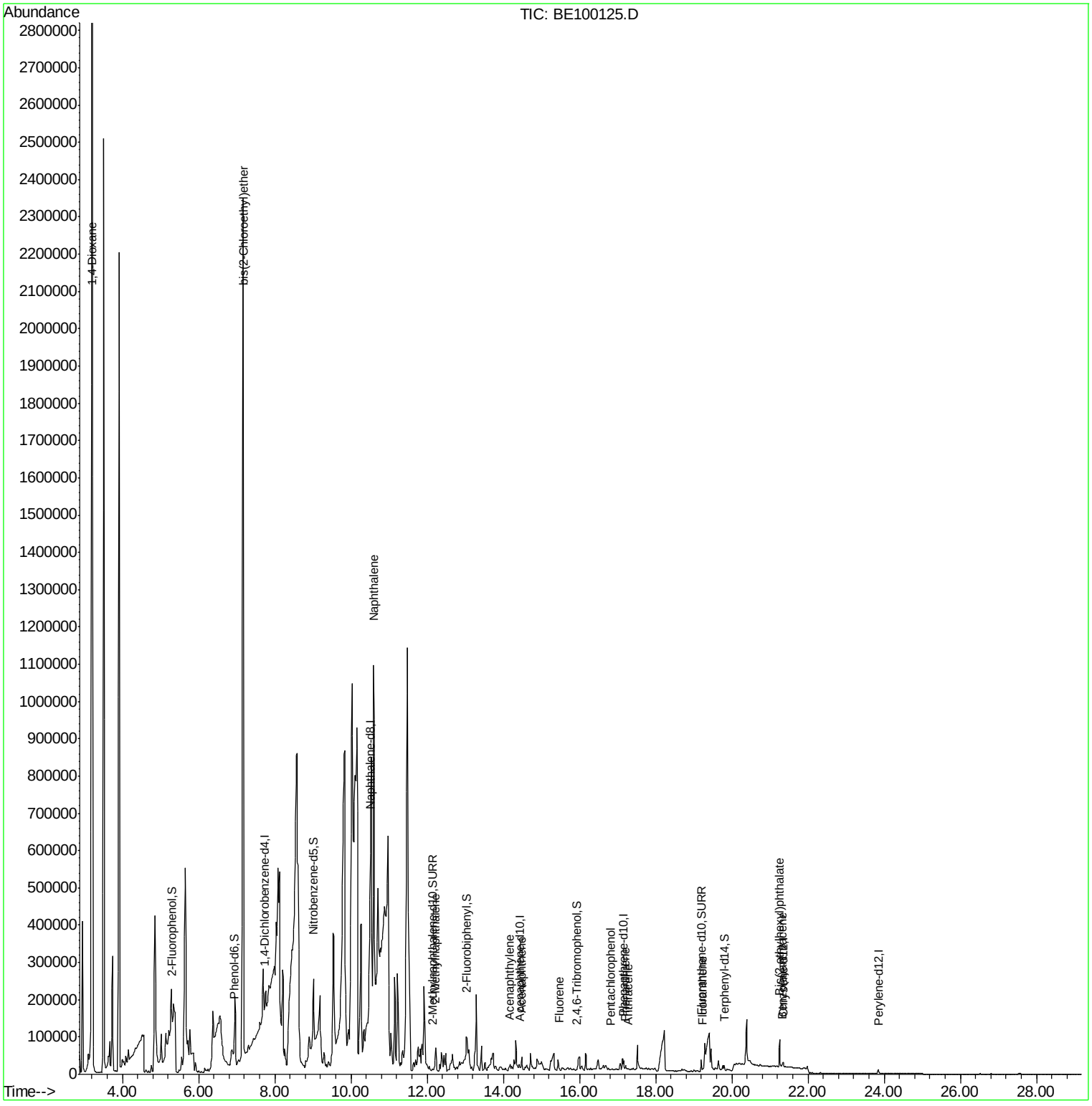
(#) = qualifier out of range (m) = manual integration (+) = signals summed

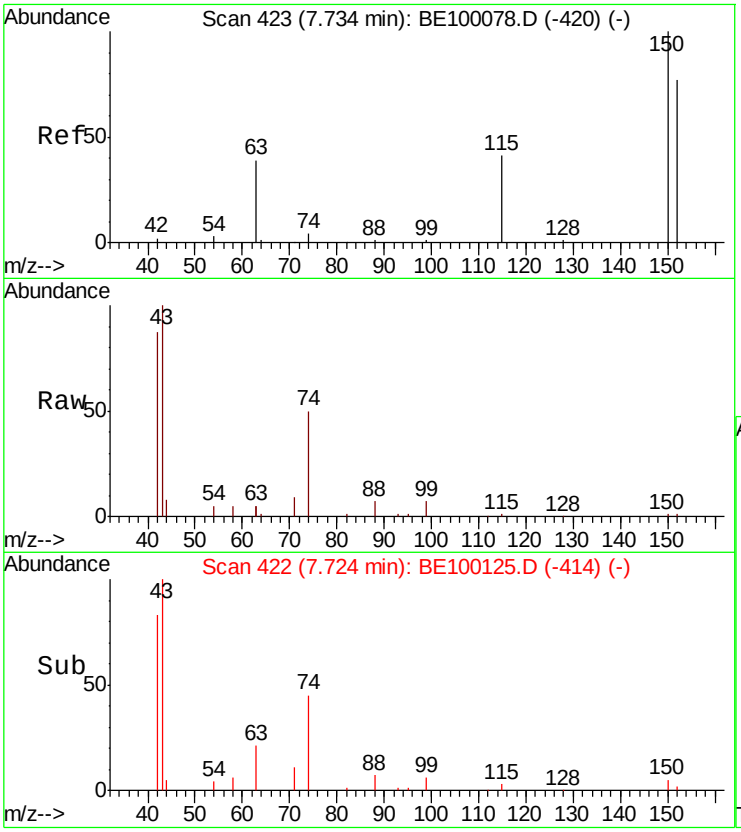
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062019\
Data File : BE100125.D
Acq On : 21 Jun 2019 2:05
Operator : JU/SJ
Sample : K3309-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Quant Time: Jun 21 06:51:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



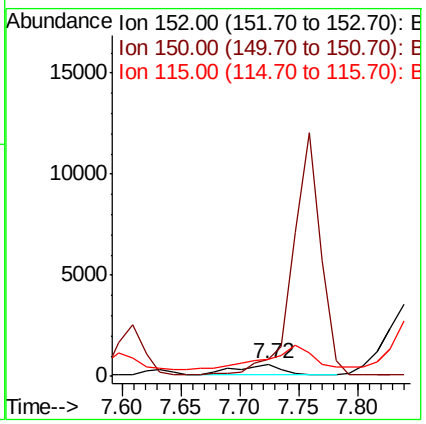


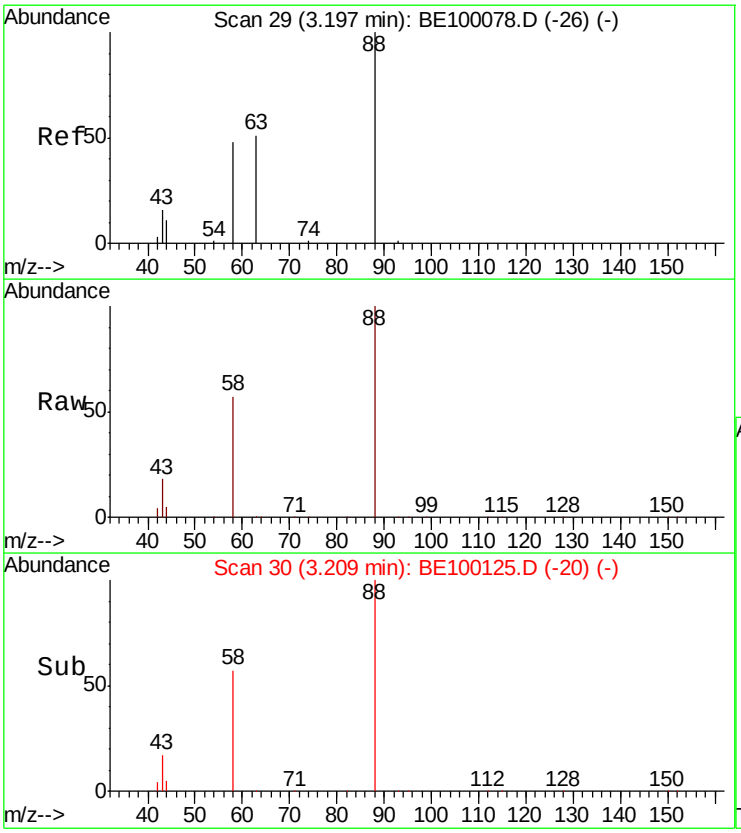
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:152 Resp: 1438

Ion	Ratio	Lower	Upper
152	100		
150	141.4	99.8	149.8
115	137.5	51.3	76.9#

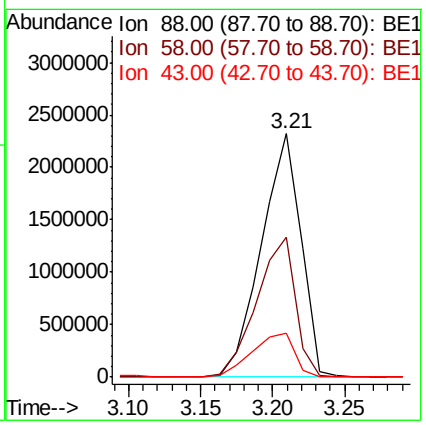


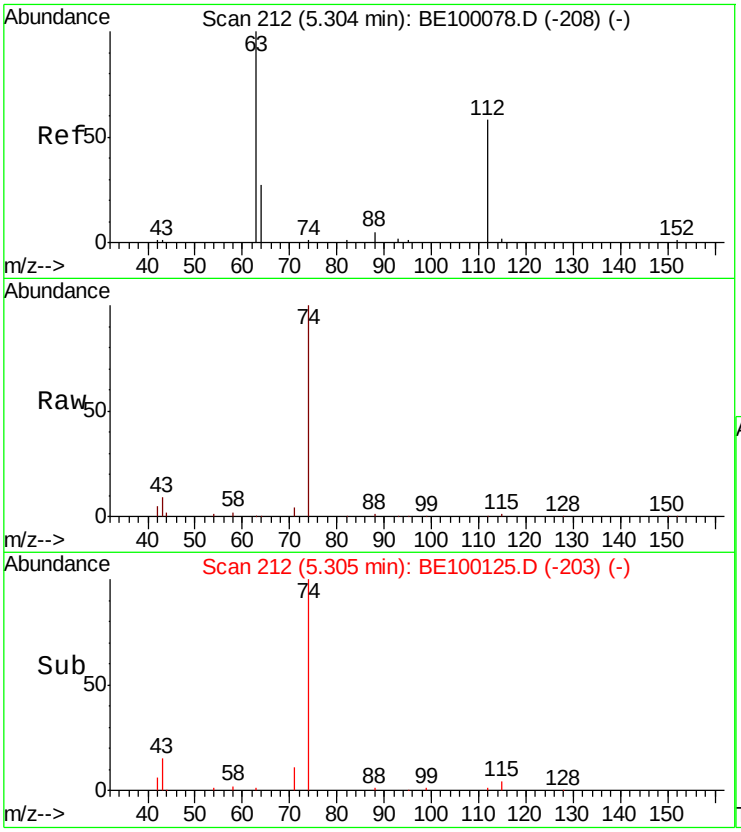


#2
1,4-Dioxane
Concen: 1913.780 ng
RT: 3.21 min Scan# 30
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion: 88 Resp: 4415555

Ion	Ratio	Lower	Upper
88	100		
58	56.6	51.1	76.7
43	19.6	21.7	32.5#



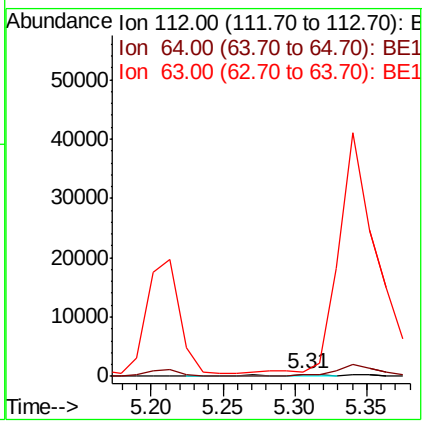


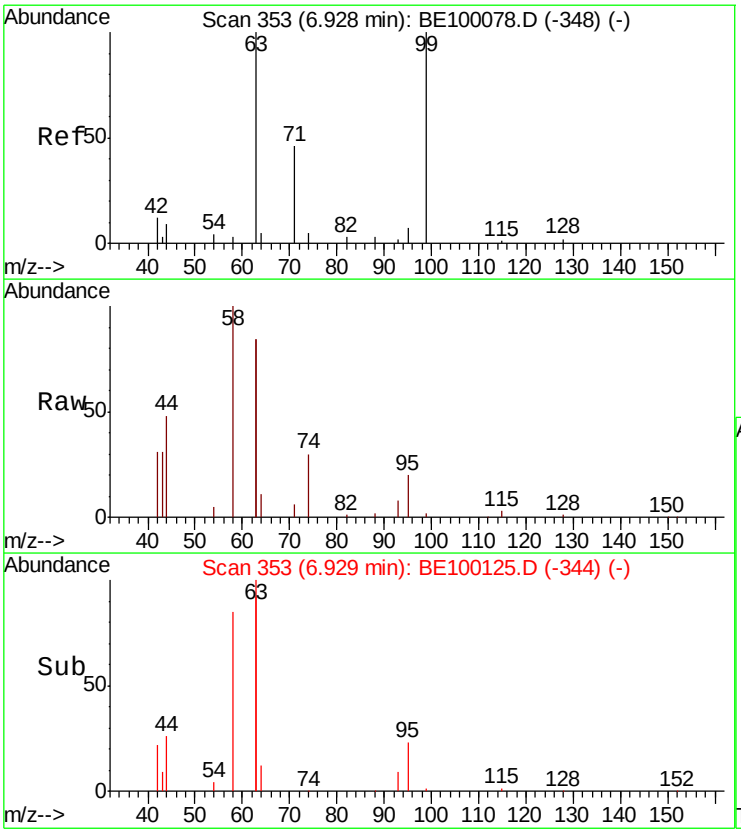
#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.31 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:112 Resp: 586

Ion	Ratio	Lower	Upper
112	100		
64	0.0	22.0	33.0#
63	0.0	121.8	182.6#

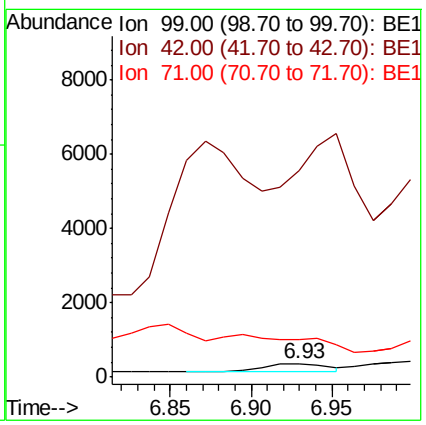


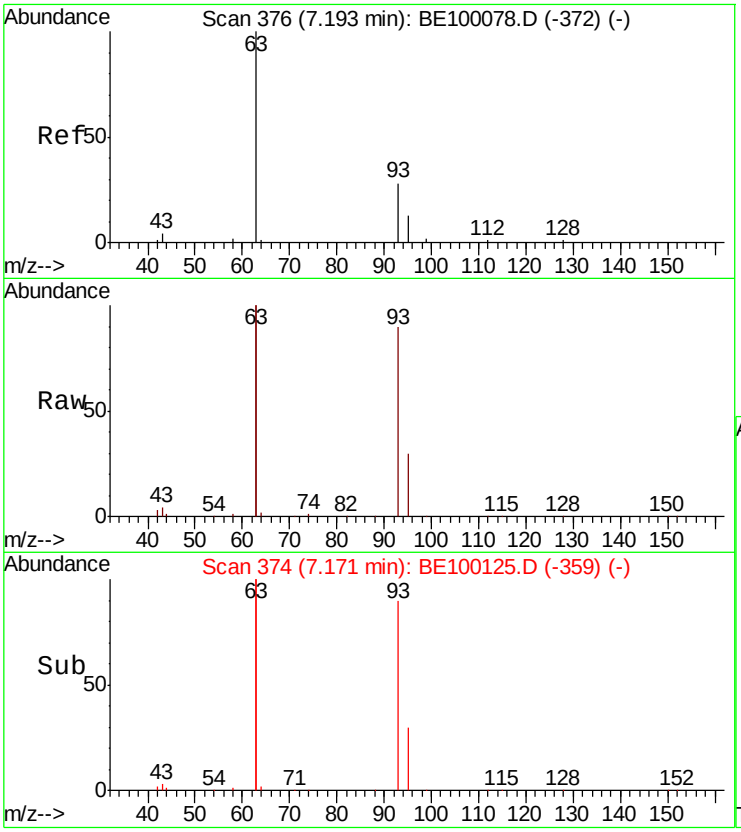


#5
Phenol-d6
Concen: 0.139 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion: 99 Resp: 569

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	37.6	56.4#



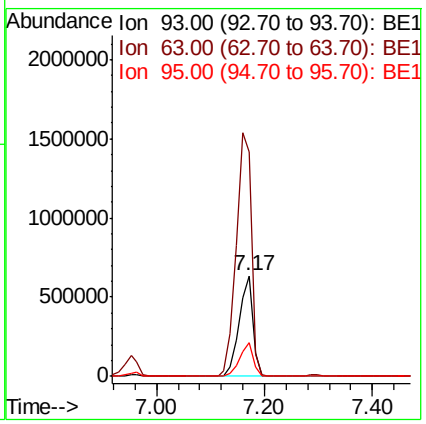


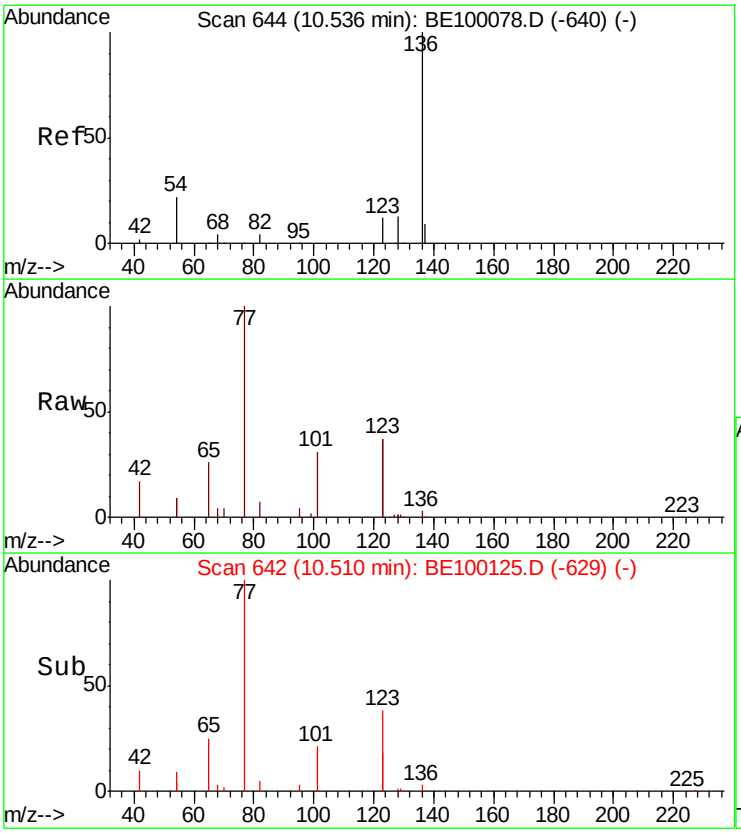
#6
bis(2-Chloroethyl)ether
Concen: 257.815 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion: 93 Resp: 1090039

Ion	Ratio	Lower	Upper
93	100		
63	268.9	200.0	300.0
95	32.7	24.0	36.0

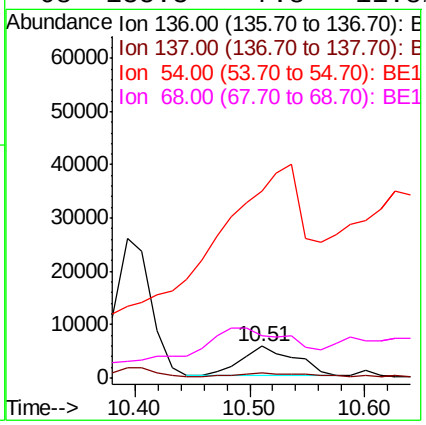


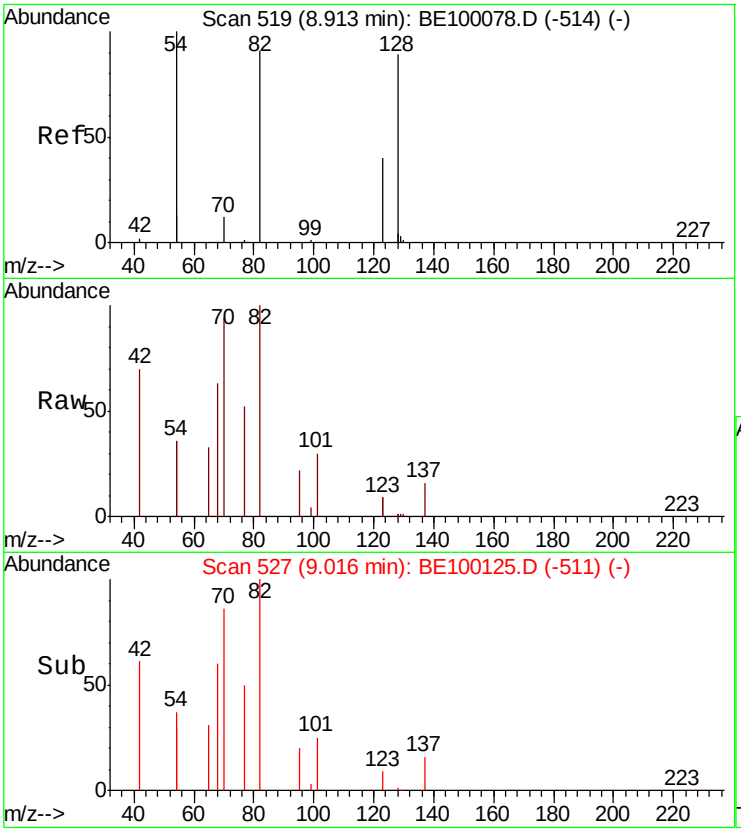


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.03 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:136 Resp: 18235

Ion	Ratio	Lower	Upper
136	100		
137	14.8	11.6	17.4
54	590.0	33.9	50.9#
68	135.3	7.8	11.8#



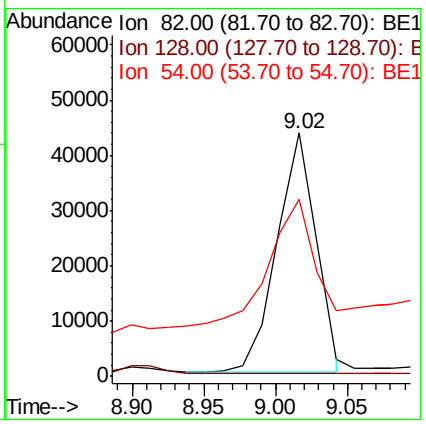


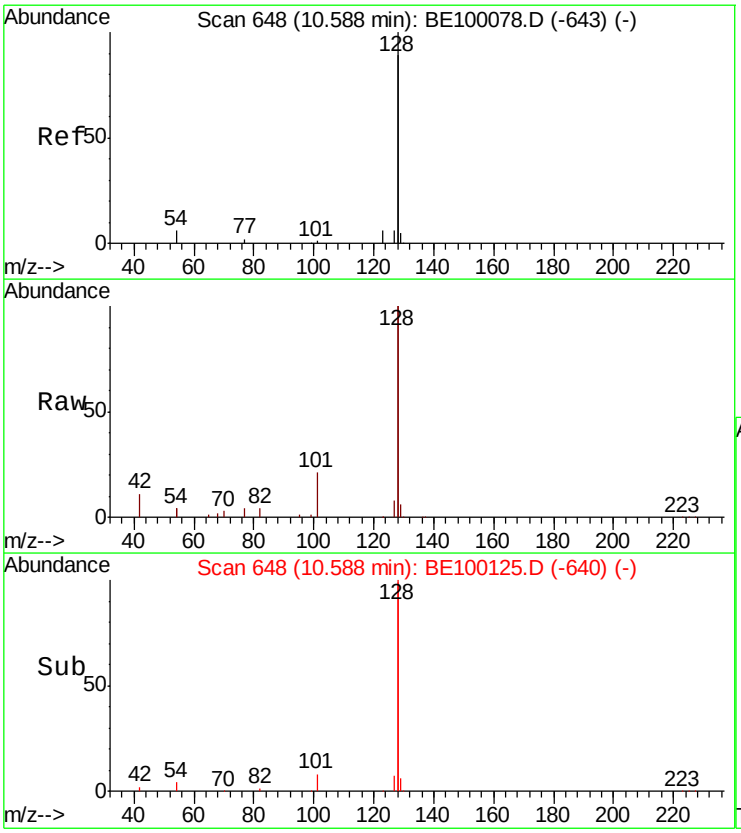
#8
Nitrobenzene-d5
Concen: 4.658 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.10 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion: 82 Resp: 82378

Ion	Ratio	Lower	Upper
82	100		
128	1.2	128.0	192.0#
54	72.5	143.4	215.0#

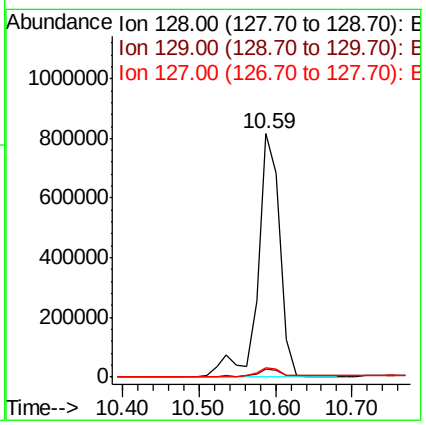


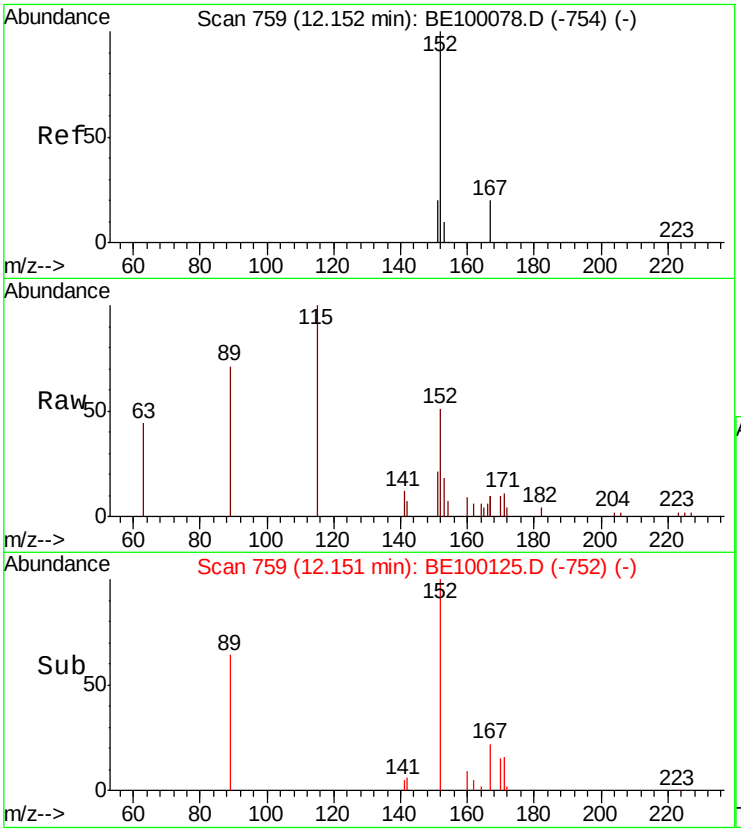


#9
Naphthalene
Concen: 8.099 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:128 Resp: 1604877

Ion	Ratio	Lower	Upper
128	100		
129	3.1	3.1	4.7#
127	3.8	3.4	5.2



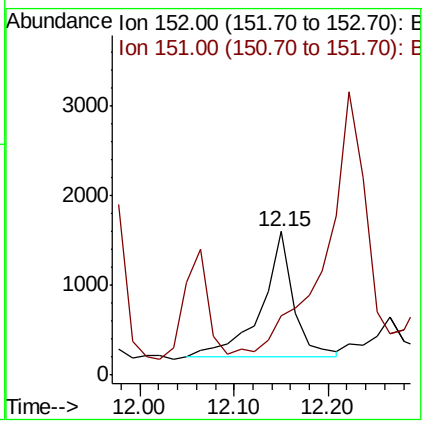


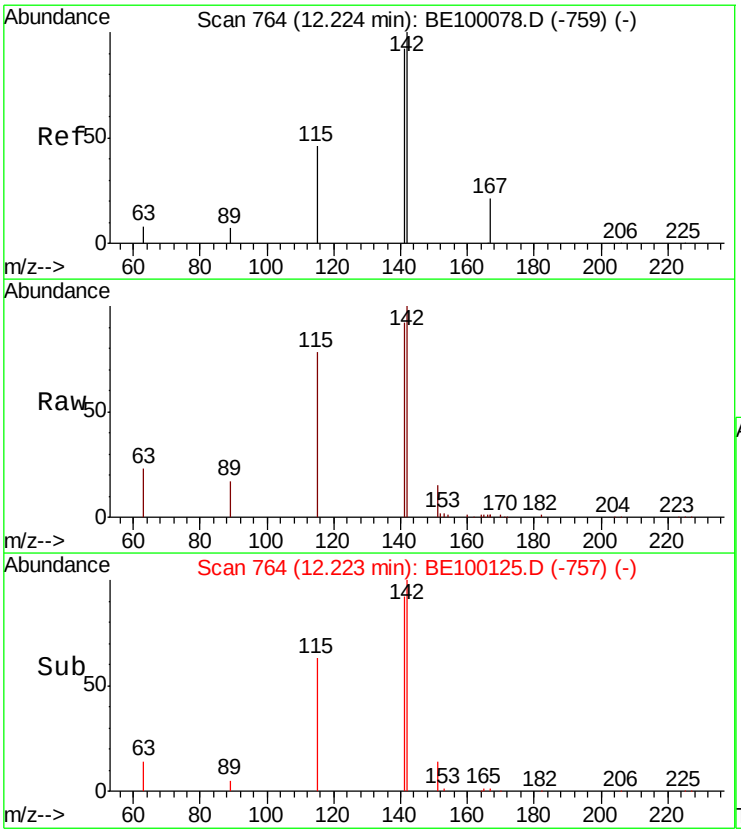
#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:152 Resp: 3259

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#

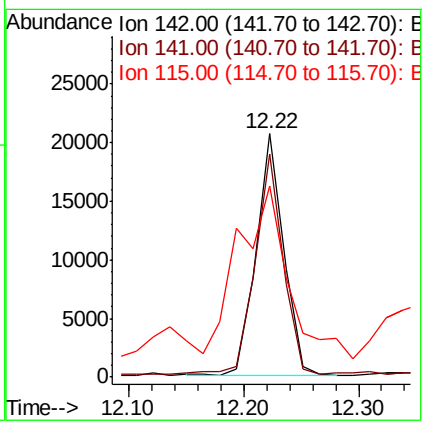


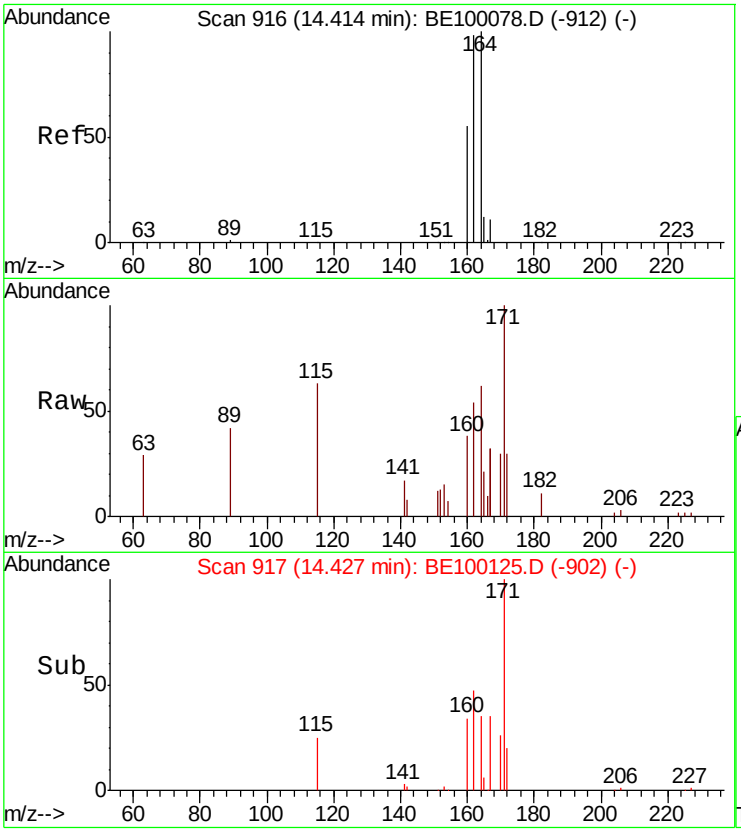


#12
2-Methylnaphthalene
Concen: 1.041 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:142 Resp: 33935

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
115	78.3	40.9	61.3#



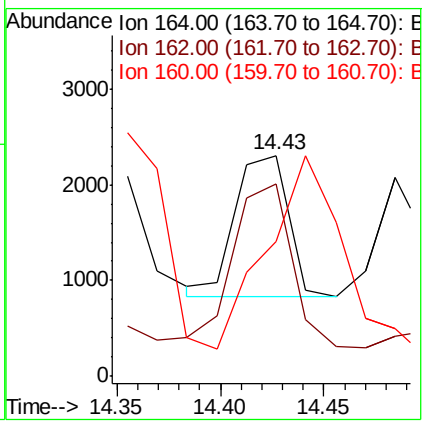


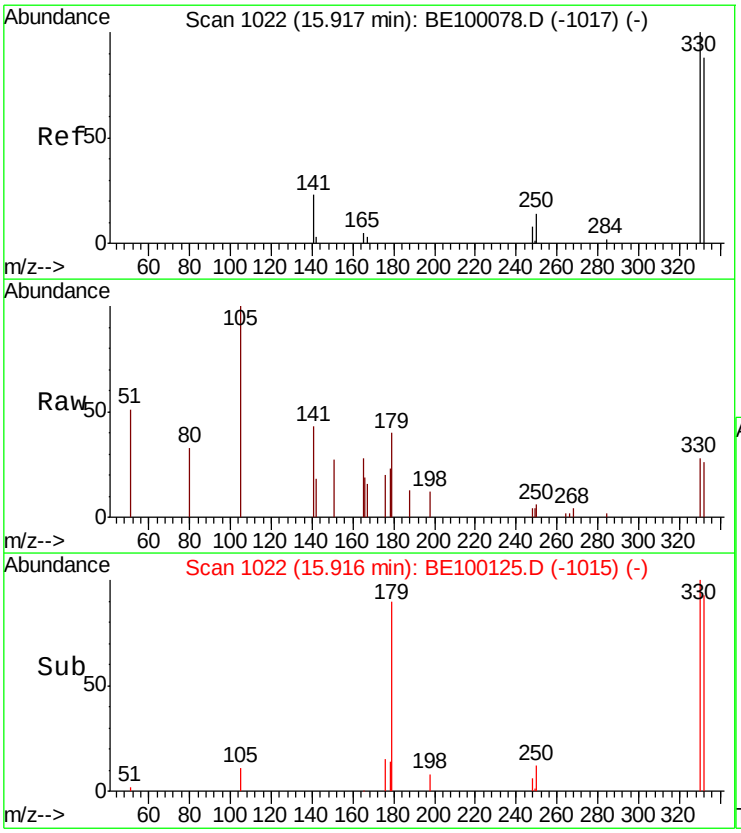
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:164 Resp: 2662

Ion	Ratio	Lower	Upper
164	100		
162	87.3	78.2	117.2
160	60.9	45.6	68.4

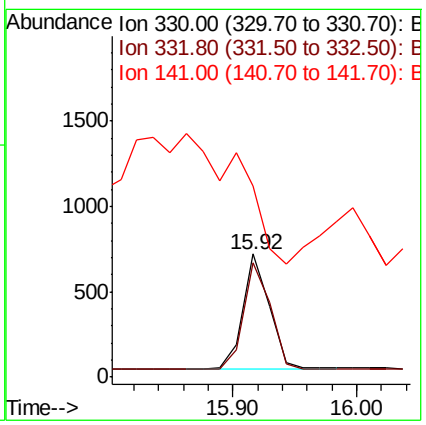


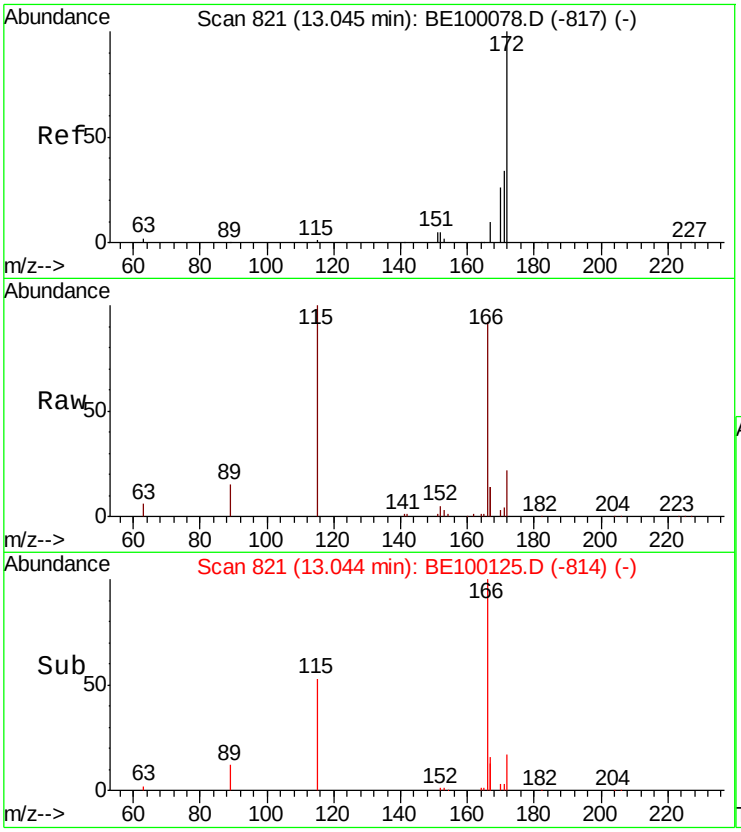


#14
2,4,6-Tribromophenol
Concen: 0.671 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:330 Resp: 986

Ion	Ratio	Lower	Upper
330	100		
332	97.5	73.3	109.9
141	0.0	22.2	33.2#



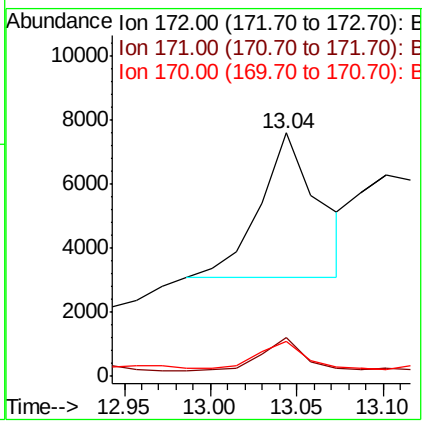


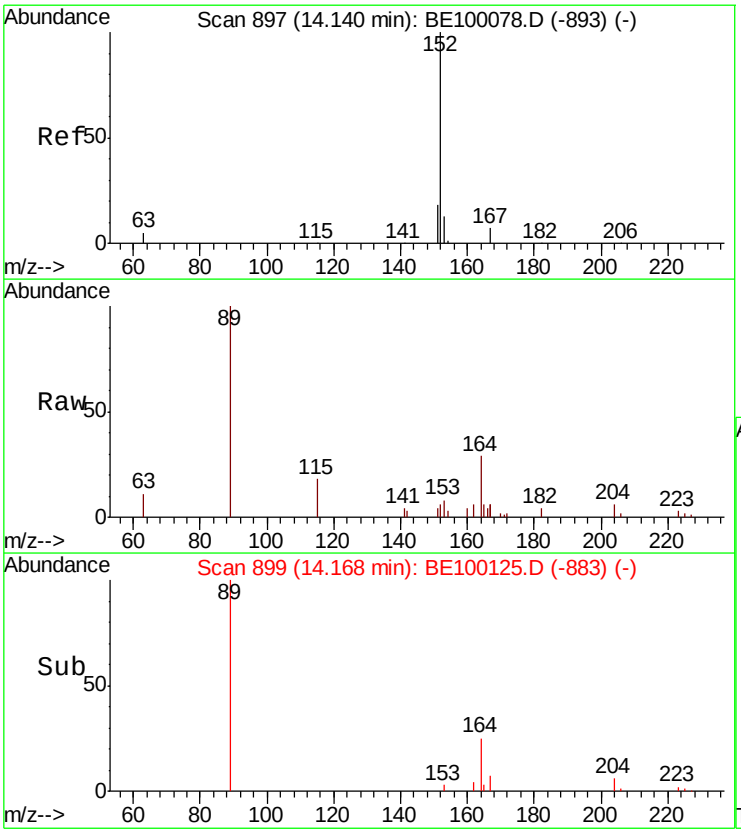
#15
2-Fluorobiphenyl
Concen: 1.040 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:172 Resp: 10890

Ion	Ratio	Lower	Upper
172	100		
171	16.1	29.8	44.8#
170	14.4	23.2	34.8#

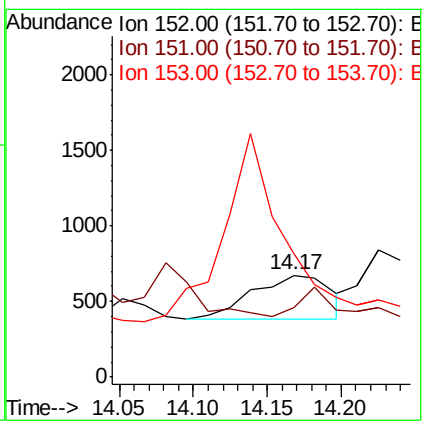


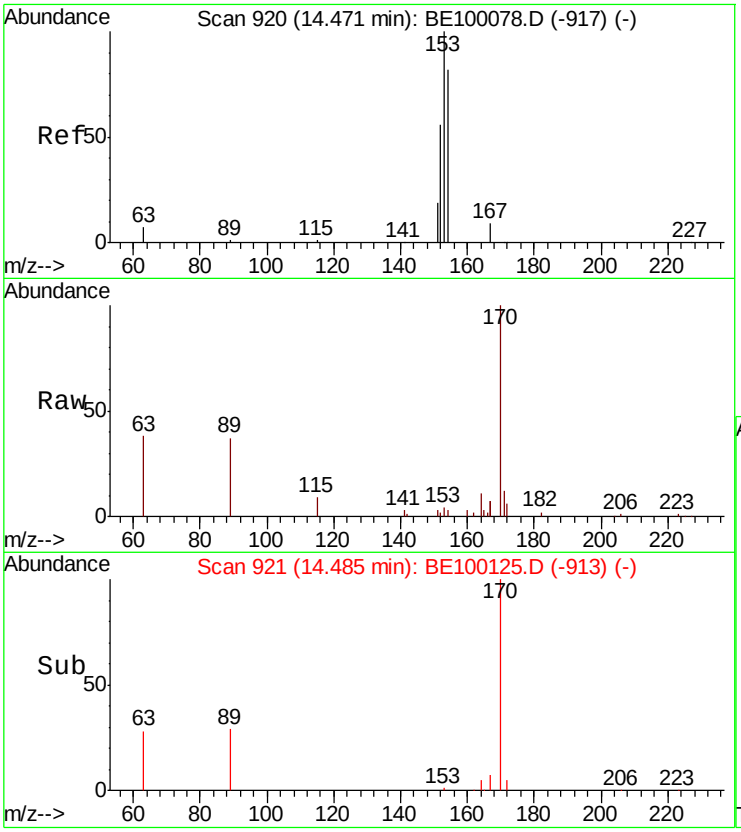


#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.17 min Scan# 899
Delta R.T. 0.03 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:152 Resp: 1068

Ion	Ratio	Lower	Upper
152	100		
151	31.0	15.9	23.9#
153	0.0	10.1	15.1#



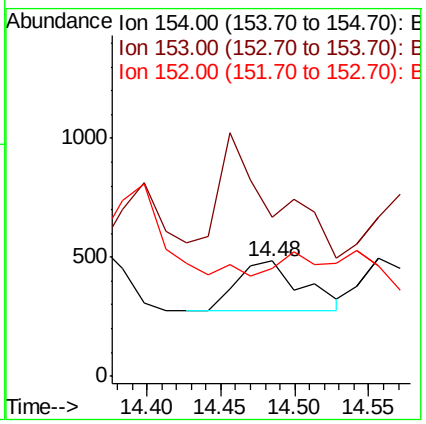


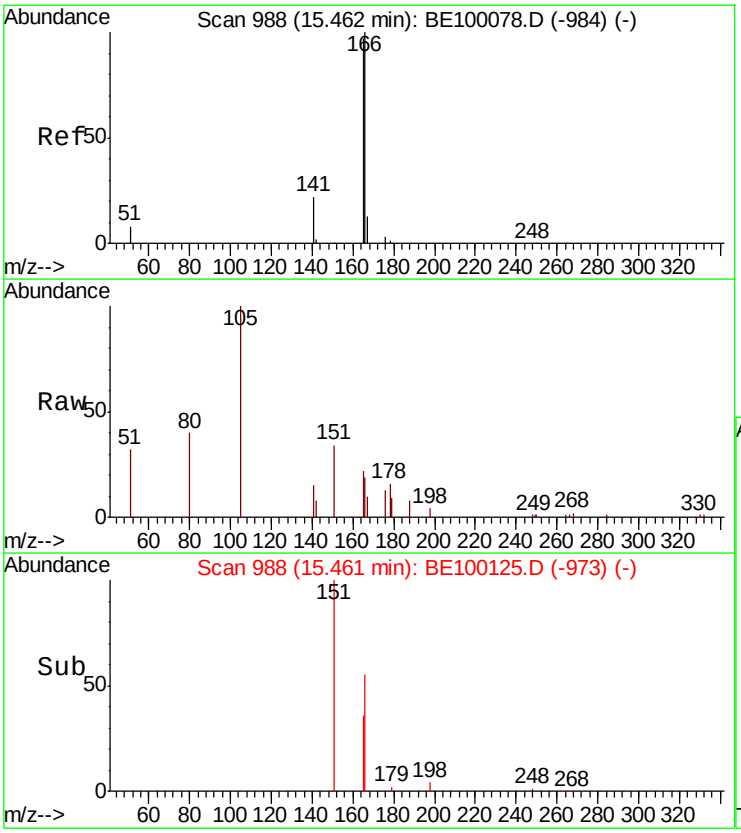
#17
Acenaphthene
Concen: 0.092 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:154 Resp: 647

Ion	Ratio	Lower	Upper
154	100		
153	0.0	95.5	143.3#
152	23.6	54.9	82.3#

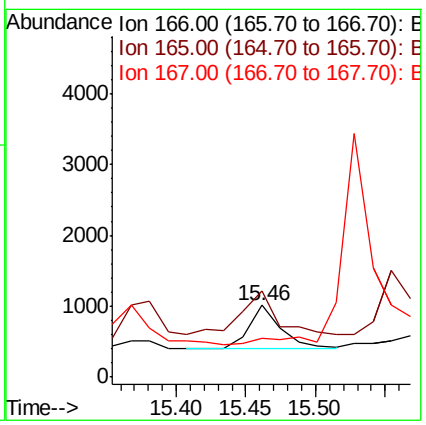


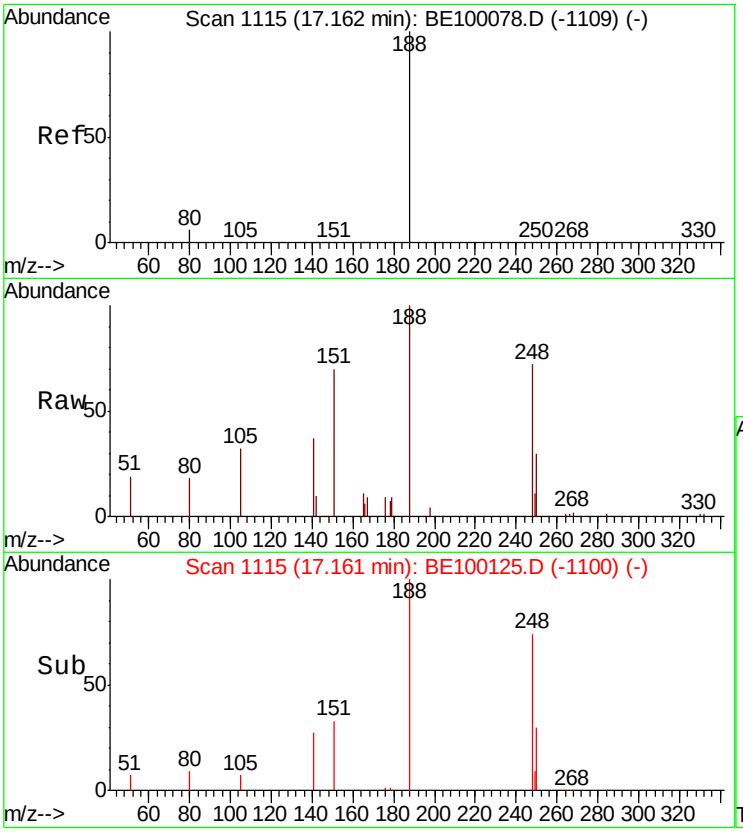


#18
Fluorene
Concen: 0.097 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:166 Resp: 1016

Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.8	119.8
167	0.0	10.2	15.4#



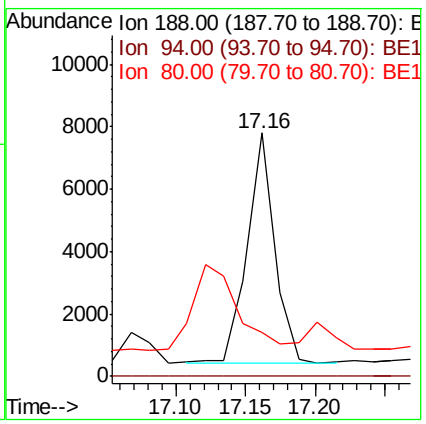


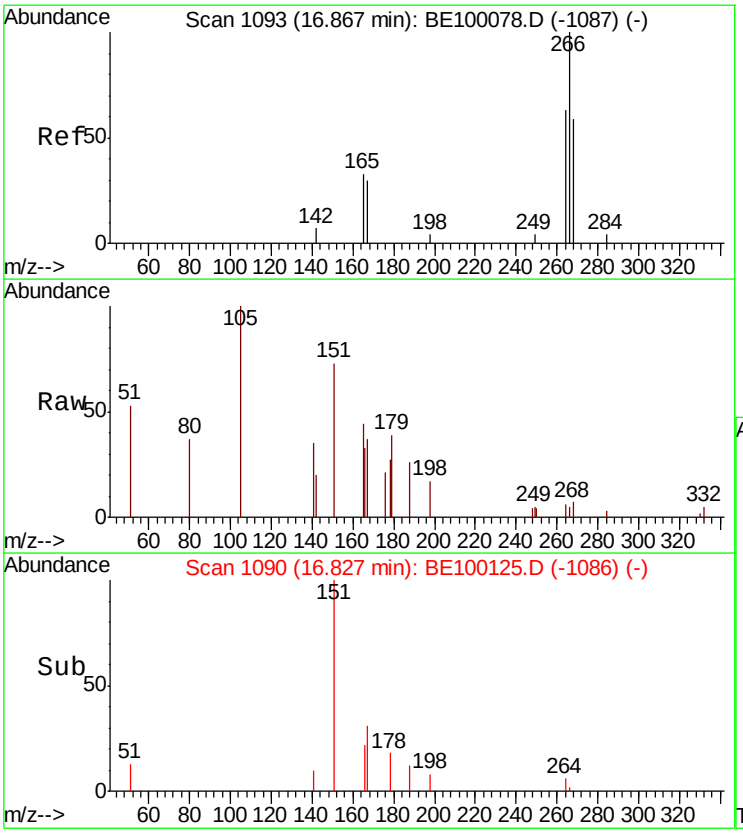
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:188 Resp: 10199

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.3	6.3	9.5#

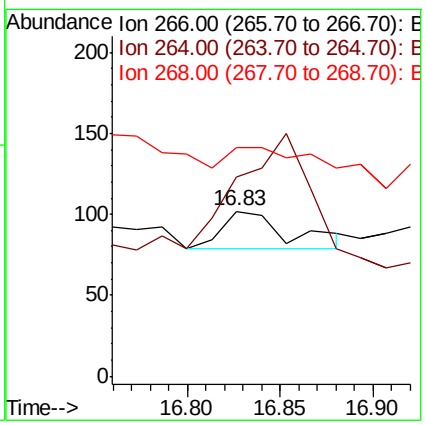


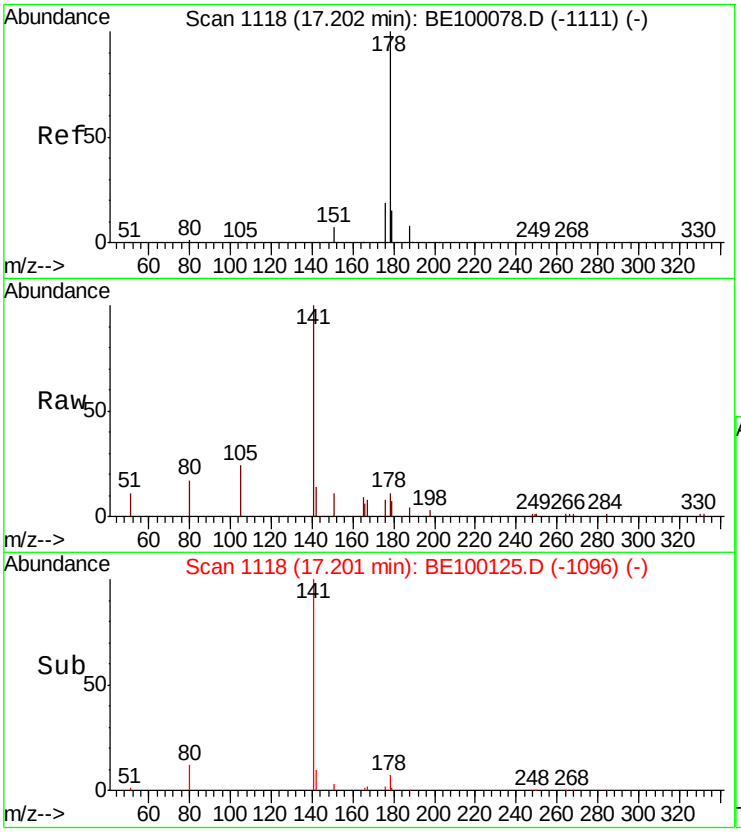


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
264	120.6	67.8	101.6#
268	138.2	70.0	105.0#



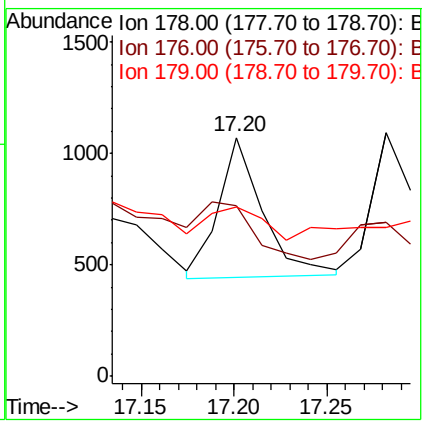


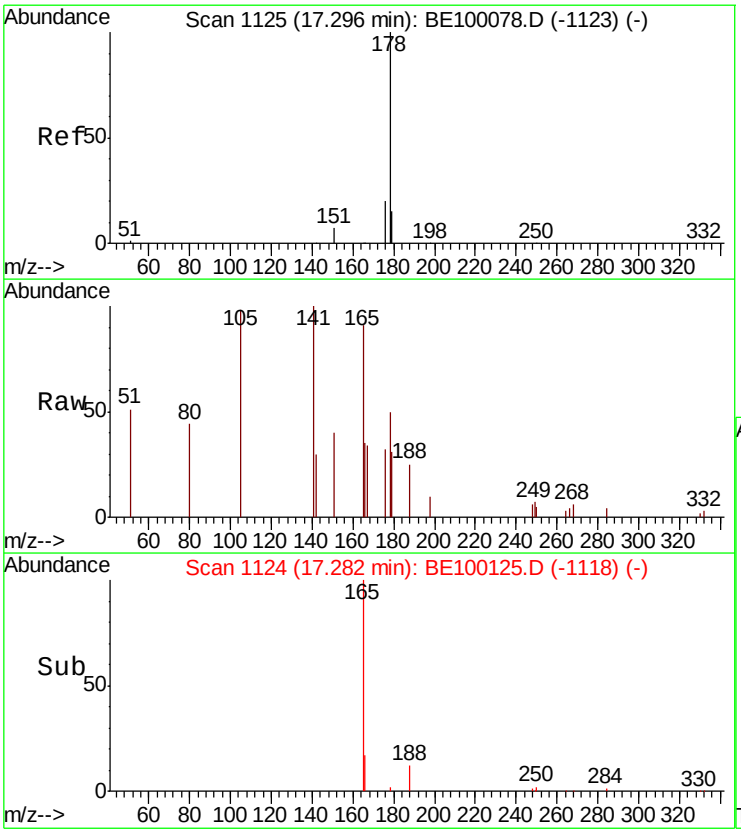
#23
Phenanthrene
Concen: 0.043 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:178 Resp: 1044

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	13.1	19.7#

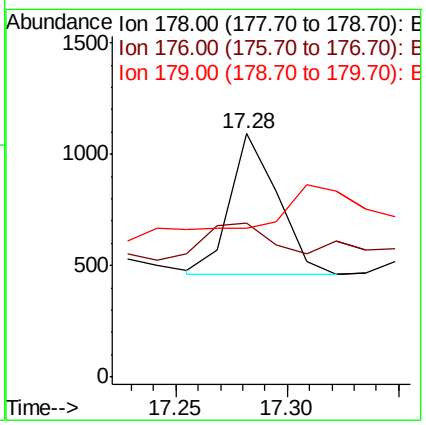


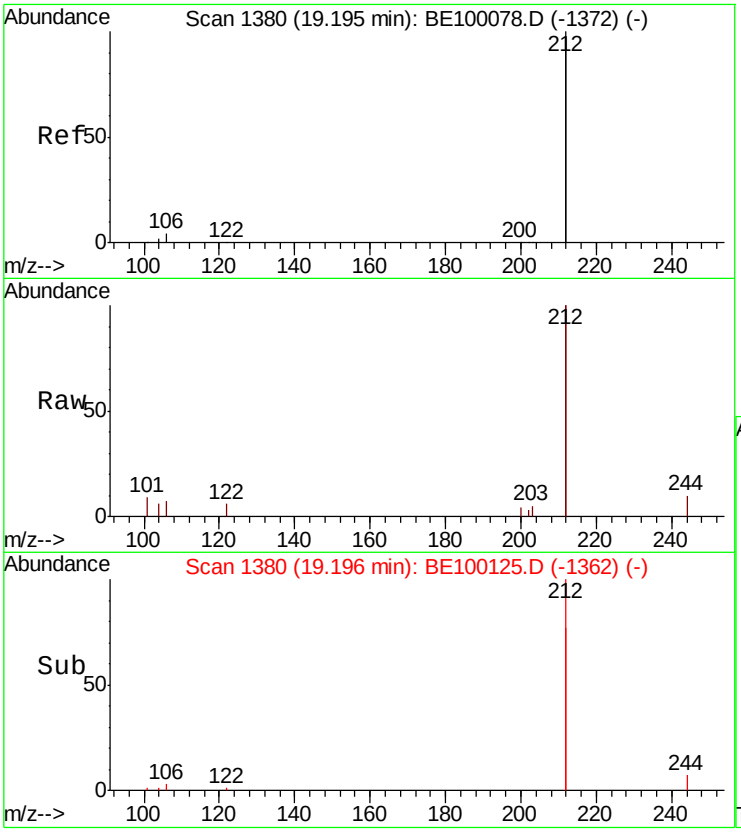


#24
Anthracene
Concen: 0.046 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:178 Resp: 950

Ion	Ratio	Lower	Upper
178	100		
176	37.5	15.8	23.6#
179	0.0	12.0	18.0#



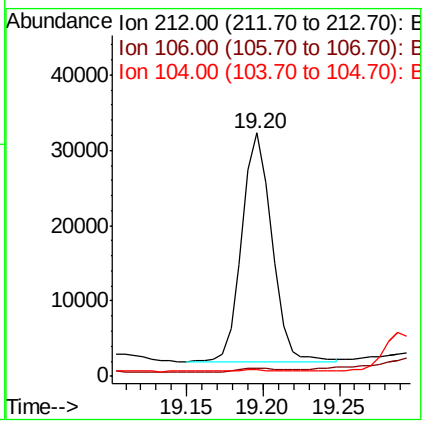


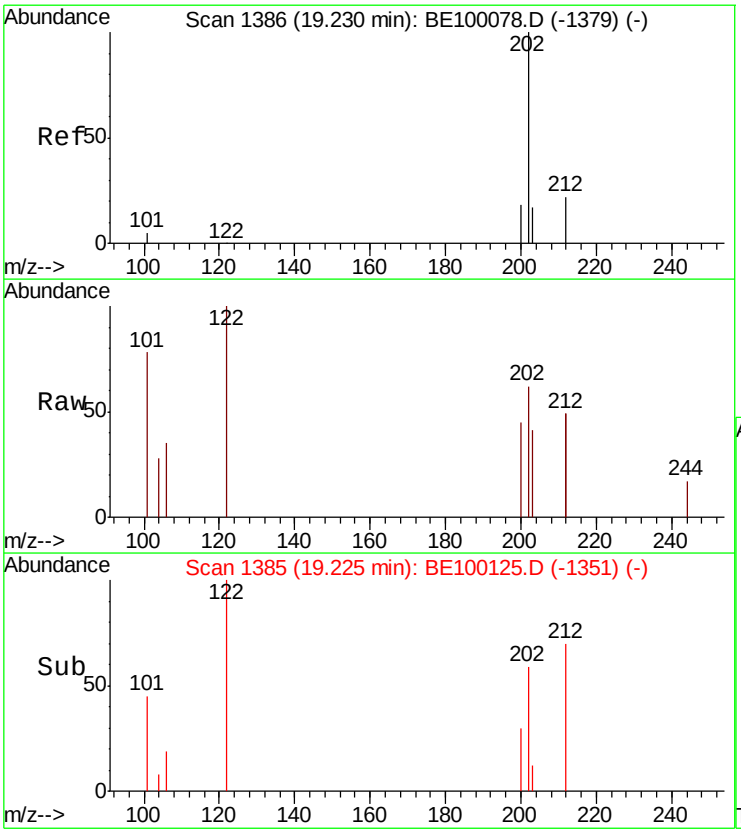
#25
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:212 Resp: 41205

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.4	2.0#
104	0.8	0.8	1.2#

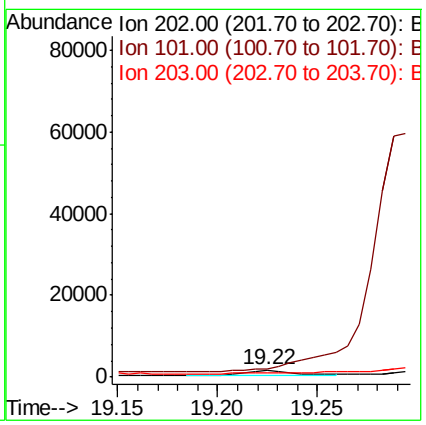


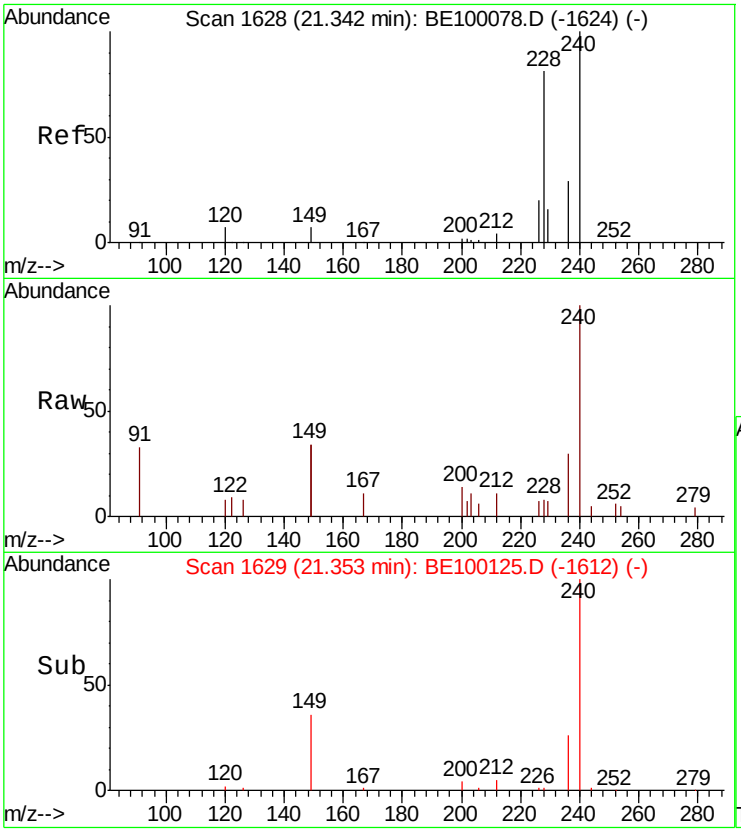


#26
Fluoranthene
Concen: 0.045 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:202 Resp: 1749

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.0	7.4#
203	0.0	13.7	20.5#



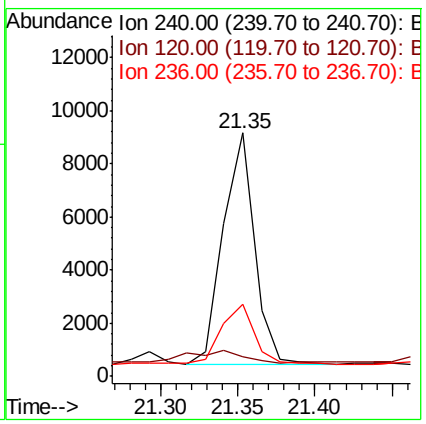


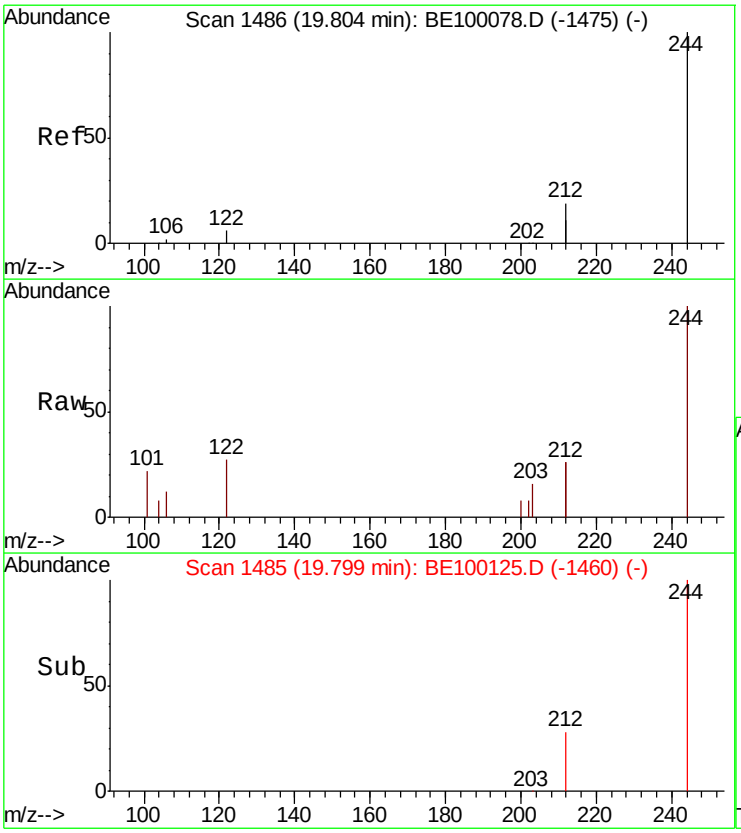
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:240 Resp: 12238

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	29.8	23.8	35.6

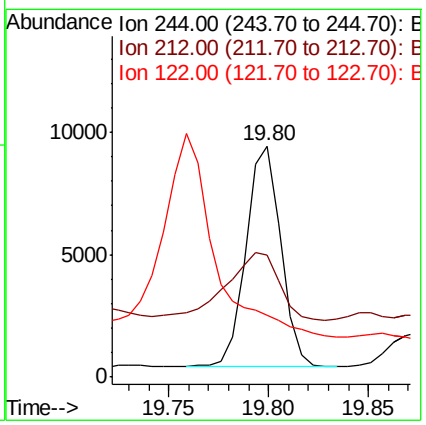


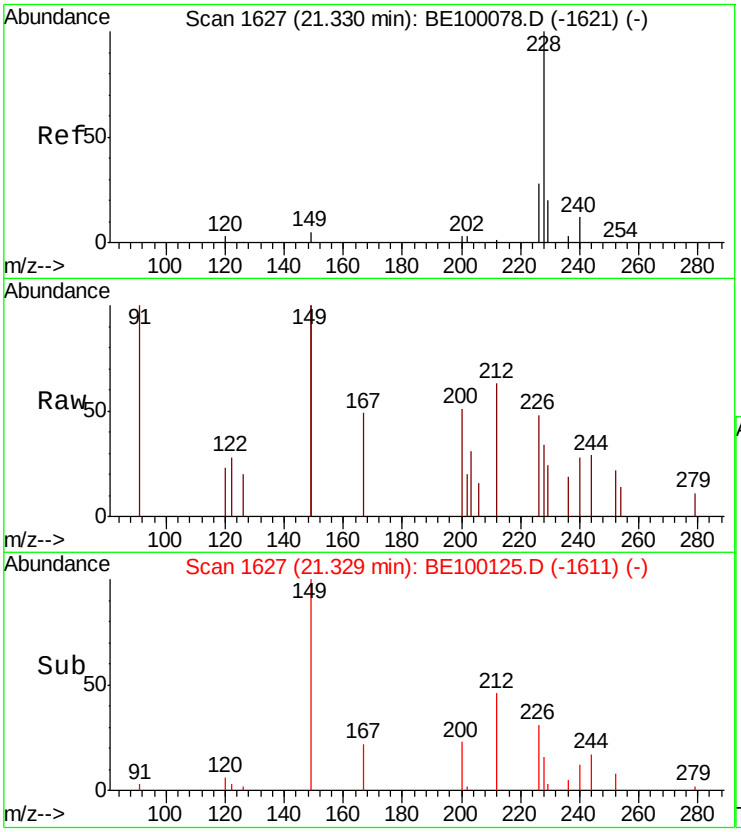


#29
Terphenyl-d14
Concen: 0.442 ng
RT: 19.80 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:244 Resp: 10813

Ion	Ratio	Lower	Upper
244	100		
212	52.7	29.8	44.8#
122	26.8	6.1	9.1#



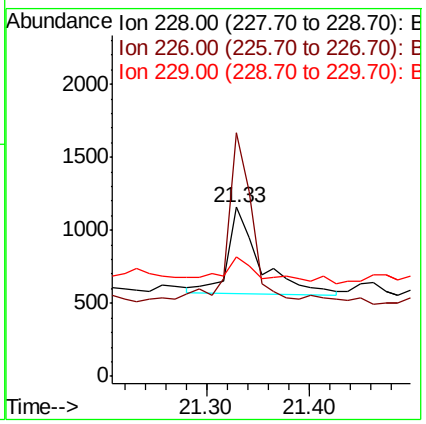


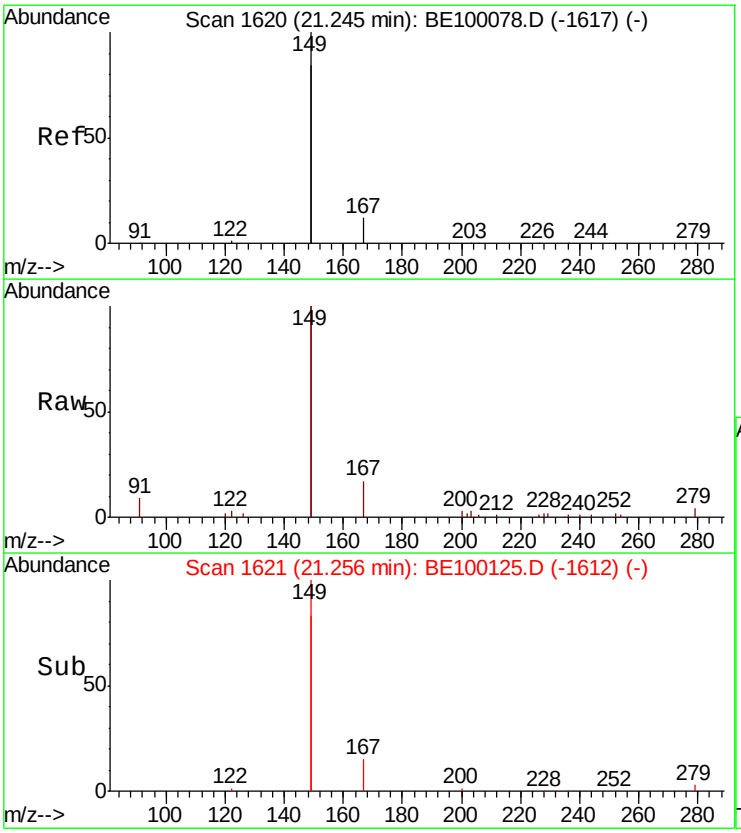
#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:228 Resp: 1285

Ion	Ratio	Lower	Upper
228	100		
226	143.9	23.0	34.4#
229	70.5	16.4	24.6#

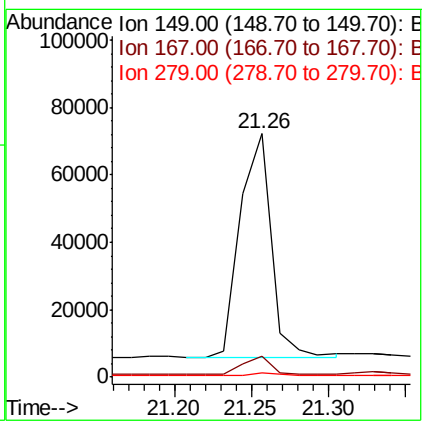


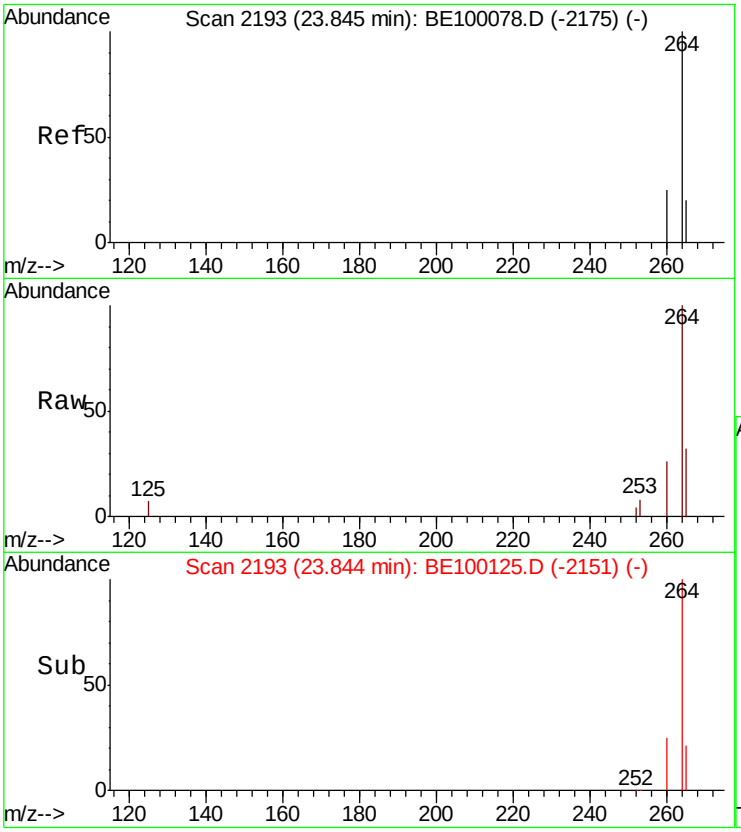


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.693 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Tgt Ion:149 Resp: 92526

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.4	1.1	1.7





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE100125.D
Acq: 21 Jun 2019 2:05

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610

Tgt Ion:264 Resp: 13935

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.8	31.2
265	32.1	23.2	34.8