Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012120\

Quantitation Report (Not Reviewed)

Data File : BE101112.D
Acq On : 21 Jan 2020 16:35
Operator : CG/JU
Sample : L1179-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-MW-19

Quant Time: Jan 22 07:57:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	182	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	1544	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	10330	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	11543	0.40	ng		0.00
27) Chrysene-d12	21.27	240	23758	0.40	ng		-0.01
34) Perylene-d12	23.70	264	24138	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	761	1.86	ng		-0.01
5) Phenol-d6	6.91	99	187	0.36	ng		-0.01
8) Nitrobenzene-d5	8.82	82	762	0.69	ng		-0.05
11) 2-Methylnaphthalene-d10	12.09	152	1593	0.54	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	765	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	34490	0.88	ng		0.04
25) Fluoranthene-d10	19.15	212	64564	0.40	ng		0.02
29) Terphenyl-d14	19.73	244	13938	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	23	Below Cal		#	26
6) bis(2-Chloroethyl)ether	7.06	93	213102	345.267	ng	#	1
9) Naphthalene	10.55	128	15035649	877.019	ng		100
12) 2-Methylnaphthalene	12.17	142	132461	51.079	ng		97
16) Acenaphthylene	14.08	152	26232	0.623	ng		95
17) Acenaphthene	14.41	154	34202	1.136	ng		82
18) Fluorene	15.39	166	248009	6.515	ng		98
22) Pentachlorophenol	16.69	266	161	0.324	ng	#	76
23) Phenanthrene	17.13	178	422313	13.398	ng		99
24) Anthracene	17.13	178	422313	14.199	ng		98
26) Fluoranthene	19.18	202	106920	2.709	ng		100
28) Pyrene	19.54	202	70176	0.794	ng		96
30) Benzo(a)anthracene	21.26	228	8346	0.123	ng	#	77
31) Chrysene	21.31	228	5925	0.059	ng	#	65
32) Bis(2-ethylhexyl)phthalate	21.20	149	39863	0.353	ng	#	98
35) Benzo(b)fluoranthene	22.96	252	4753	0.070	ng	#	1
36) Benzo(k)fluoranthene	22.96	252	4752	0.048	ng	#	1
37) Benzo(a)pyrene	23.59	252	2693	0.041	ng	#	1

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

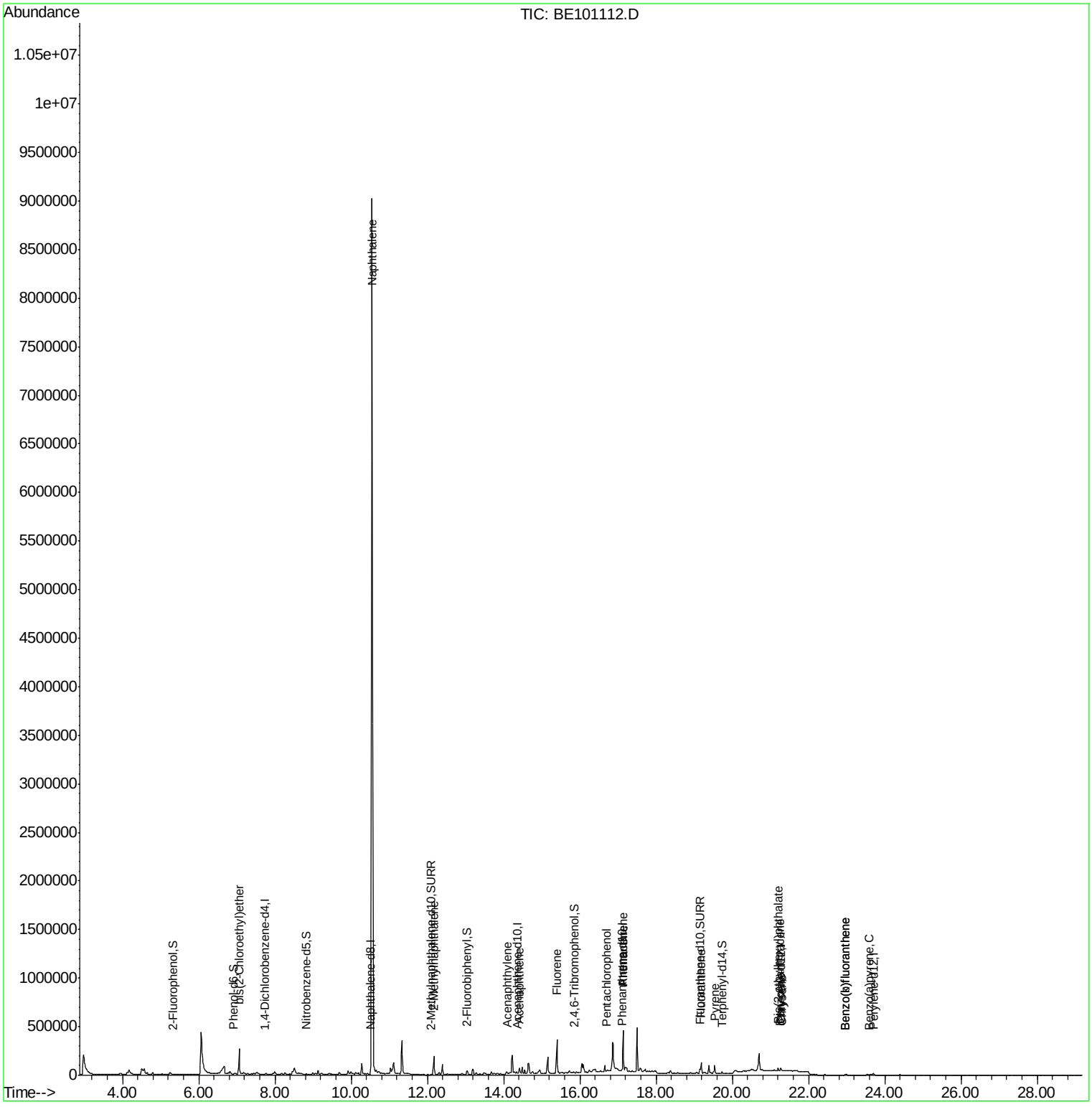
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012120\

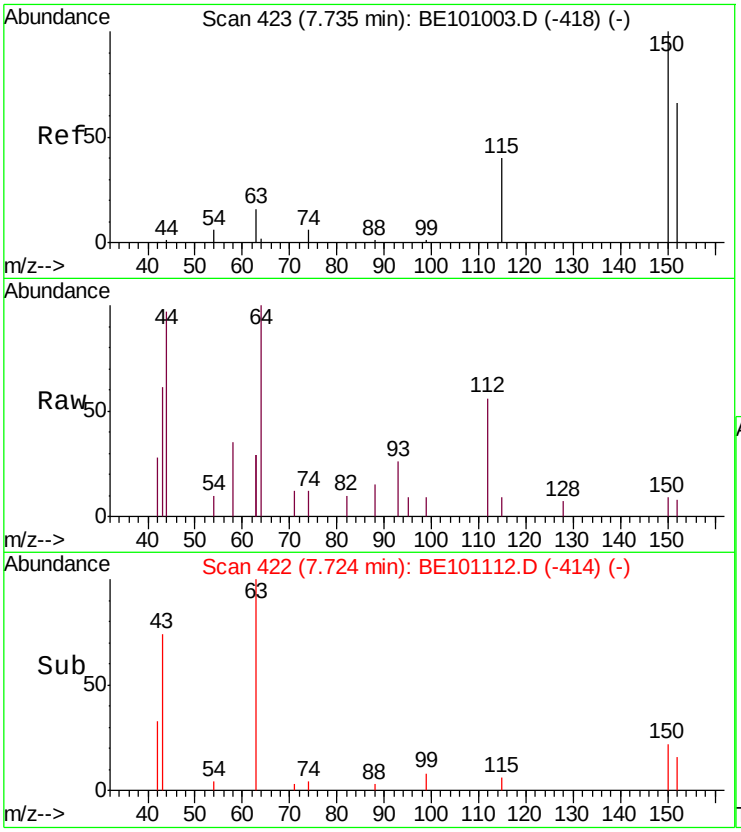
Quantitation Report (Not Reviewed)

Data File : BE101112.D
Acq On : 21 Jan 2020 16:35
Operator : CG/JU
Sample : L1179-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Quant Time: Jan 22 07:57:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



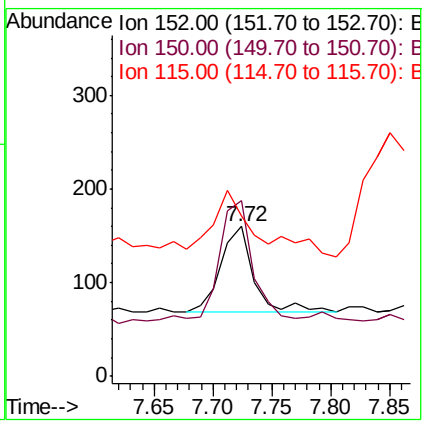


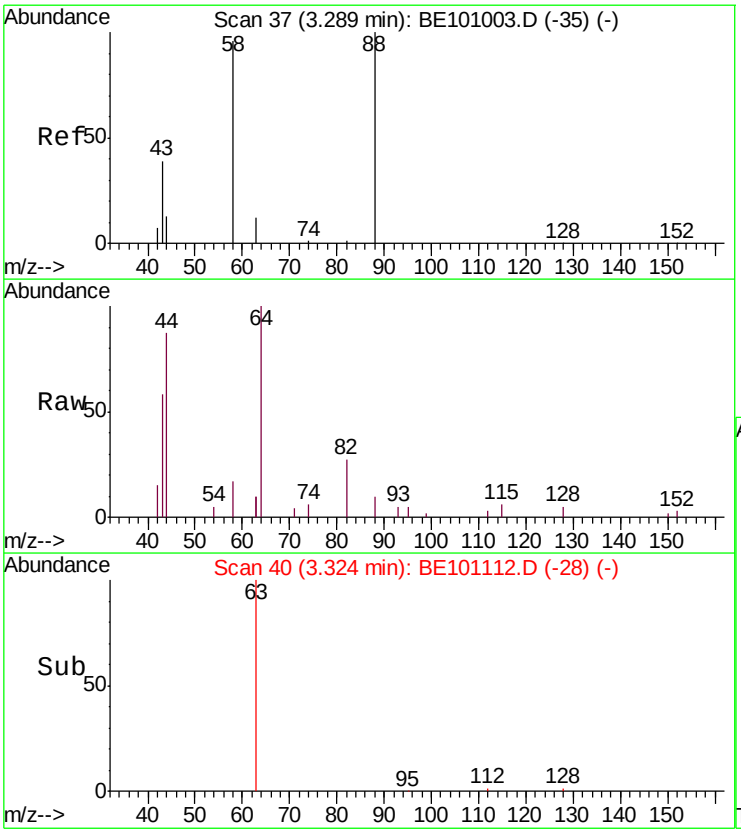
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:152 Resp: 182

Ion	Ratio	Lower	Upper
152	100		
150	116.9	120.3	180.5#
115	106.9	51.7	77.5#

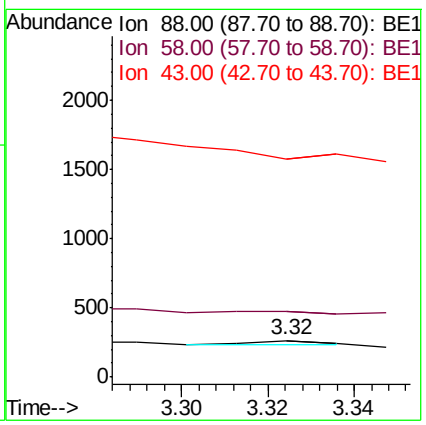


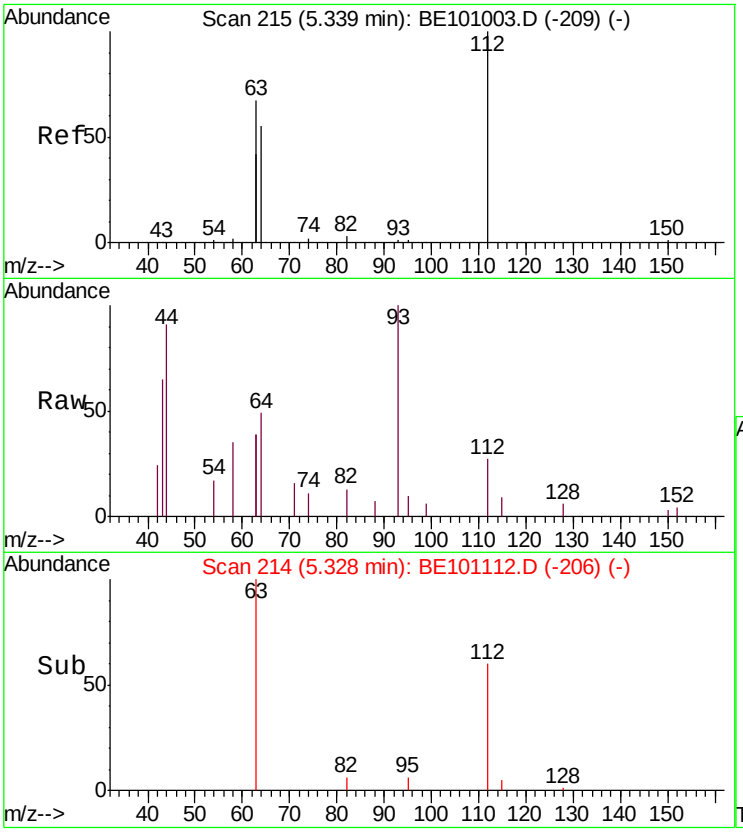


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.0	79.4#
43	0.0	23.4	35.2#



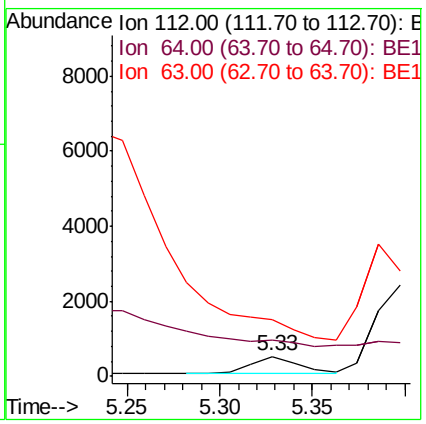


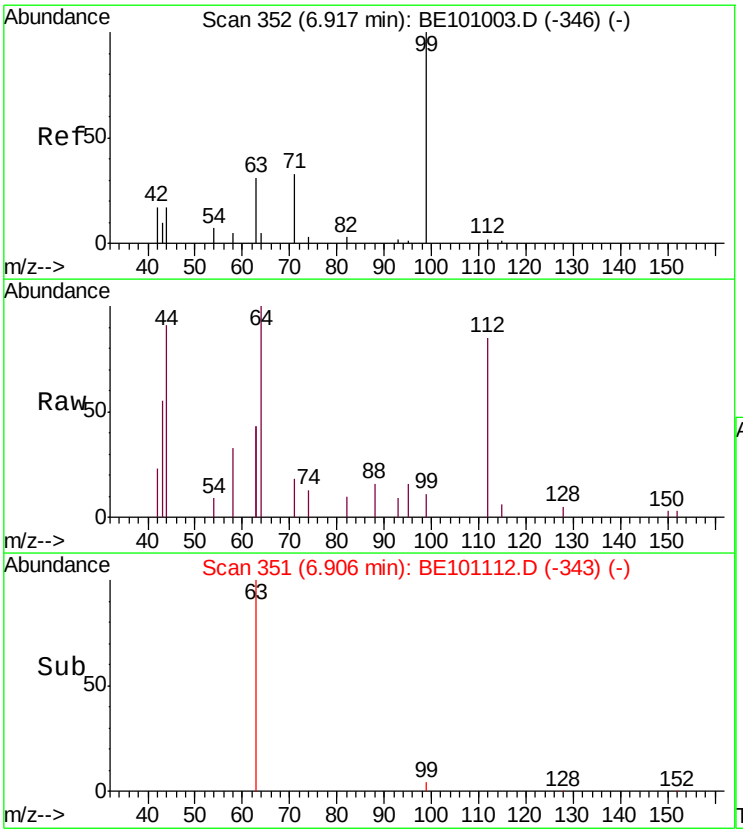
#4
2-Fluorophenol
Concen: 1.858 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:112 Resp: 761

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.6	80.4#
63	0.0	114.6	172.0#

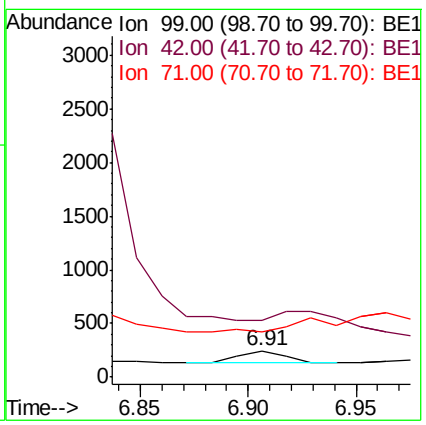


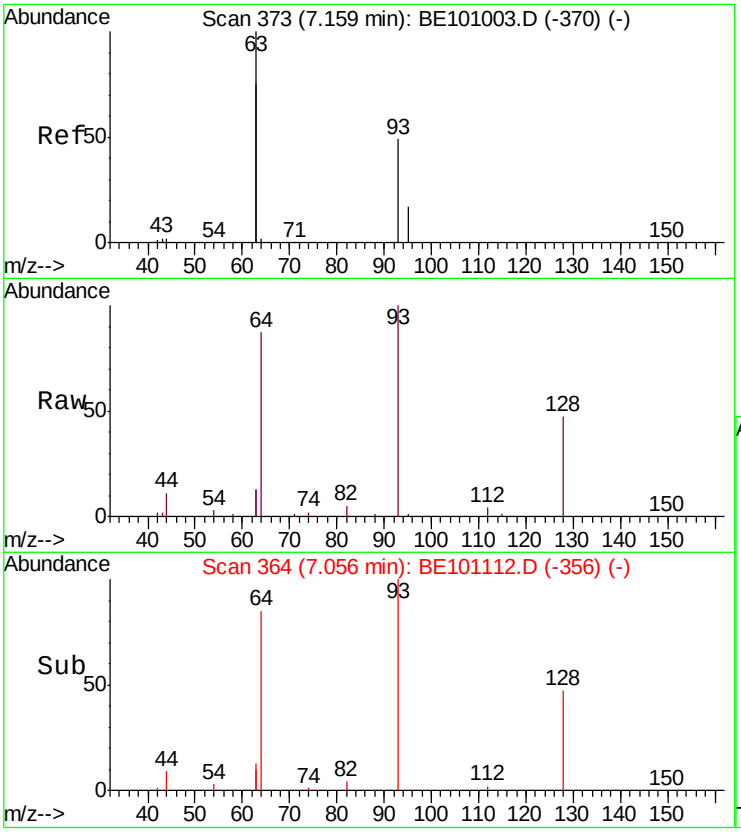


#5
Phenol-d6
Concen: 0.361 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion: 99 Resp: 187

Ion	Ratio	Lower	Upper
99	100		
42	272.7	18.3	27.5#
71	0.0	28.0	42.0#



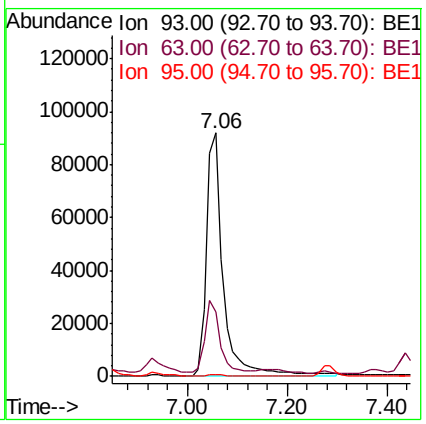


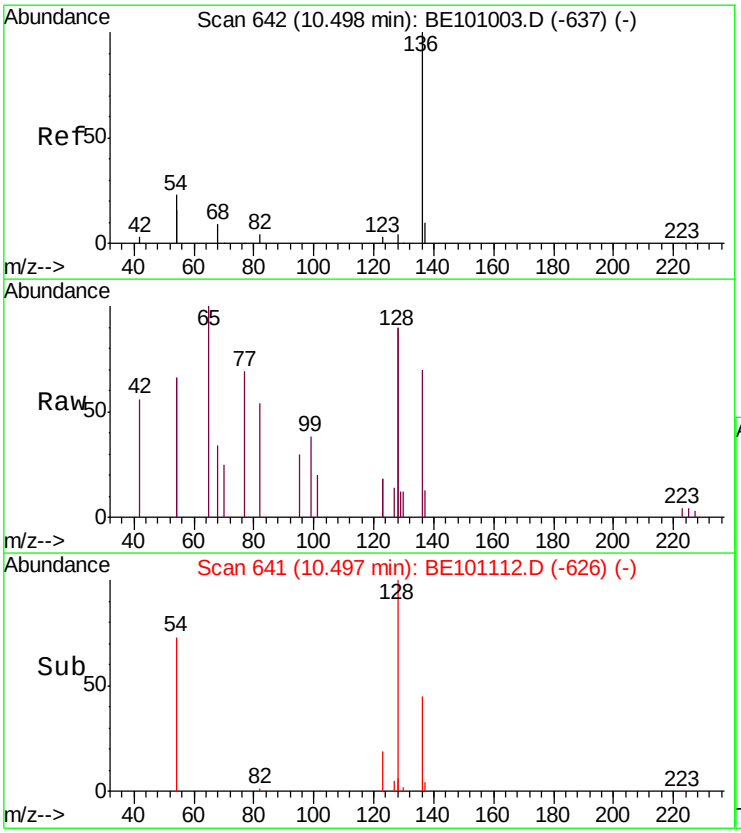
#6
bis(2-Chloroethyl)ether
Concen: 345.267 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.10 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion: 93 Resp: 213102

Ion	Ratio	Lower	Upper
93	100		
63	26.0	233.9	350.9#
95	0.4	23.5	35.3#

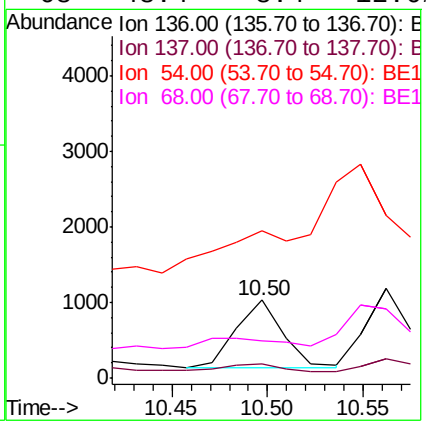


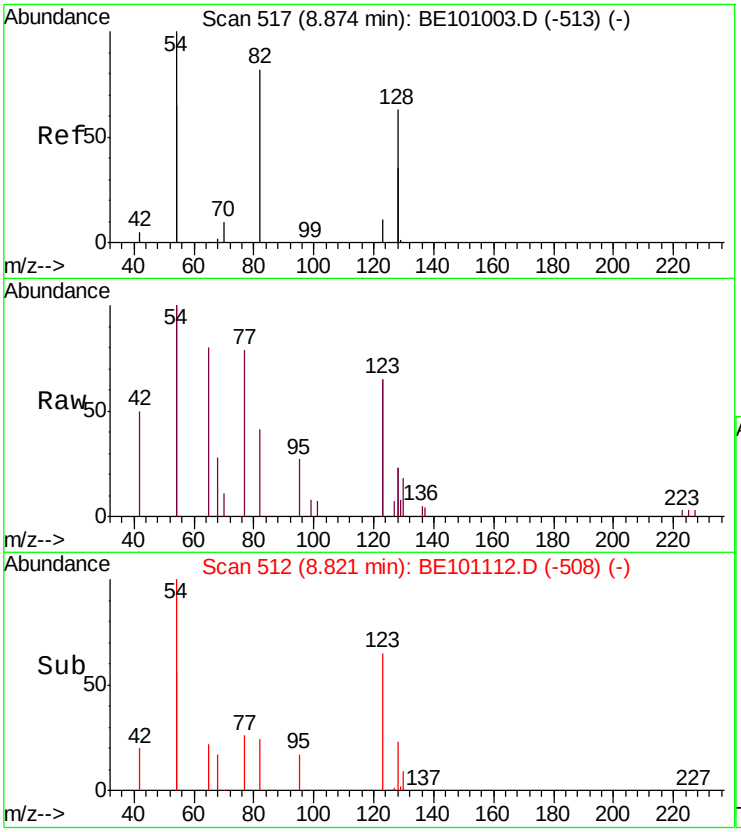


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:136 Resp: 1544

Ion	Ratio	Lower	Upper
136	100		
137	18.8	9.3	13.9#
54	188.6	36.8	55.2#
68	48.4	8.4	12.6#



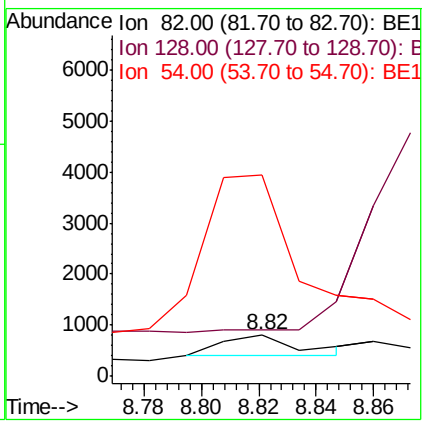


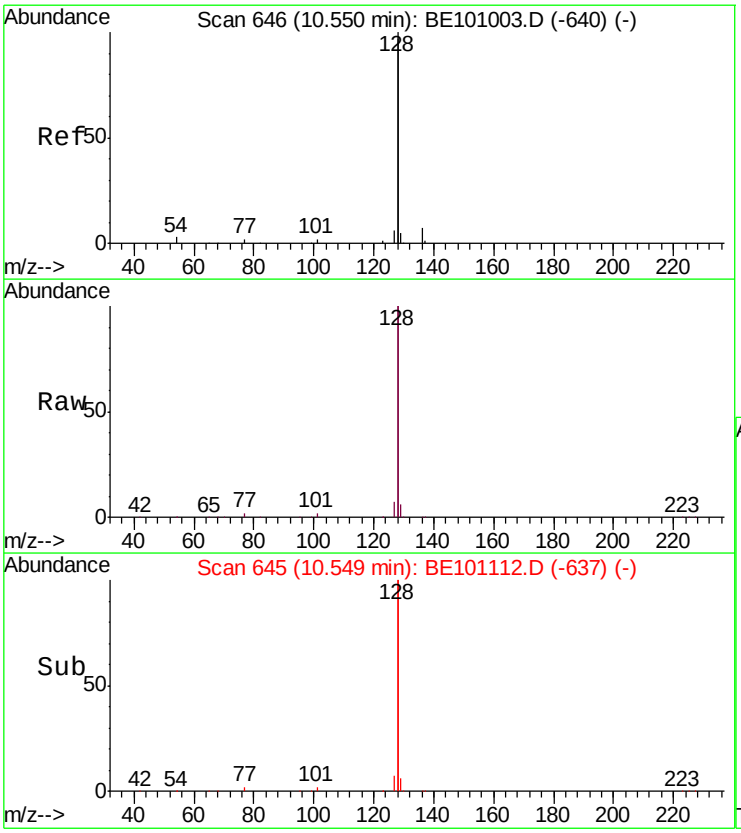
#8
Nitrobenzene-d5
Concen: 0.690 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.05 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion: 82 Resp: 762

Ion	Ratio	Lower	Upper
82	100		
128	111.7	109.8	164.6
54	484.1	174.5	261.7#

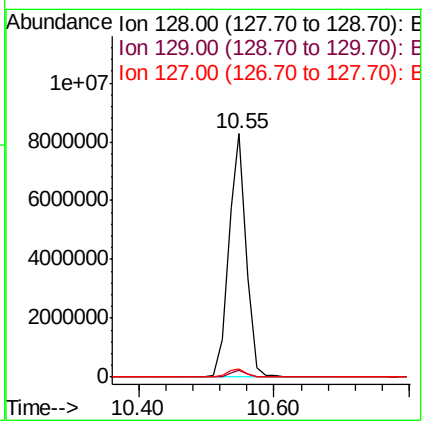


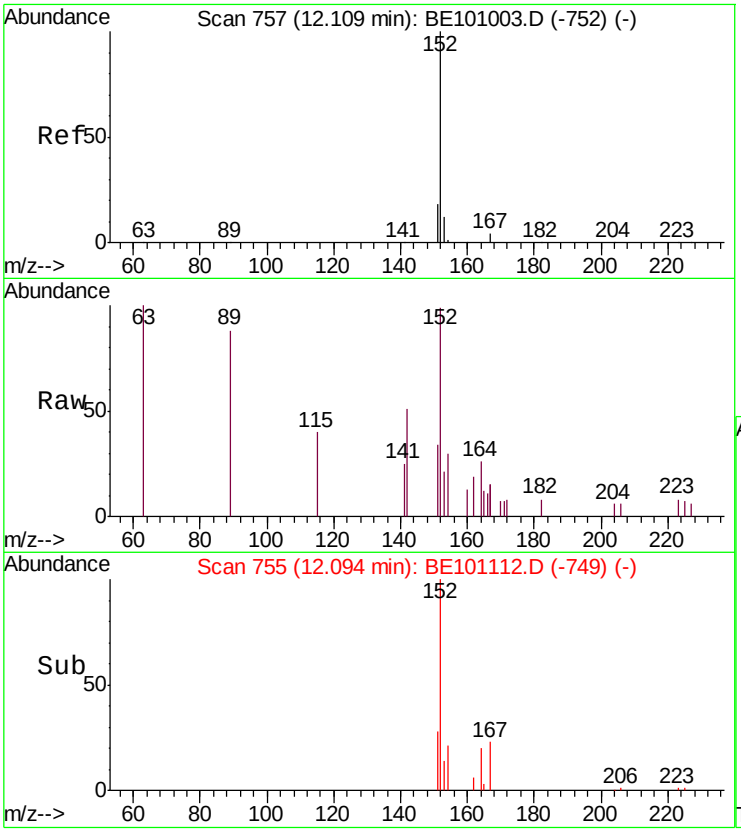


#9
Naphthalene
Concen: 877.019 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:128 Resp:15035649

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.6	2.7	4.1



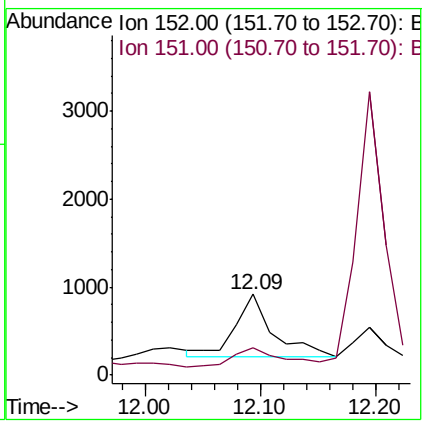


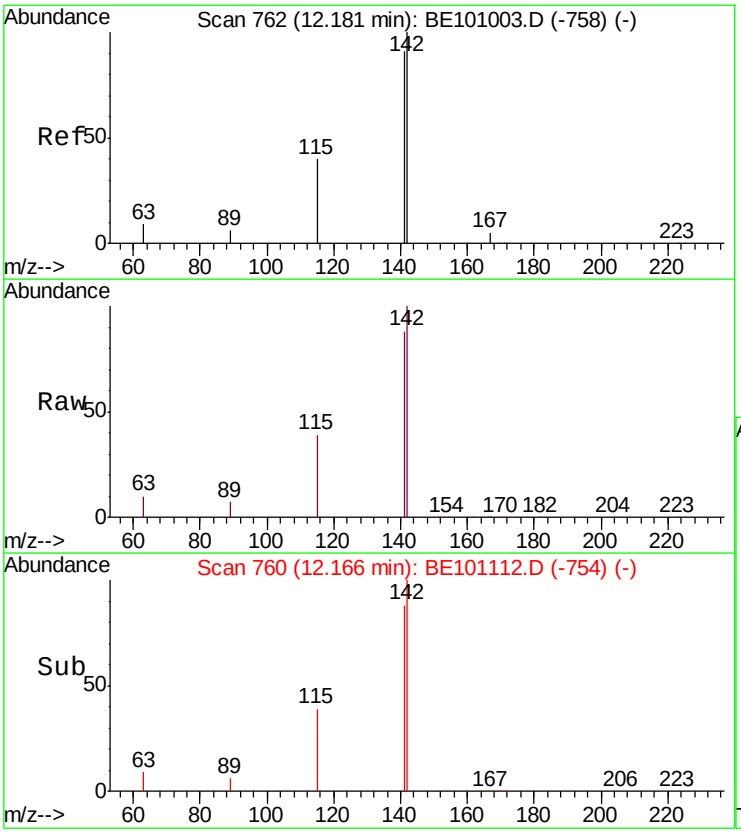
#11
2-Methylnaphthalene-d10
Concen: 0.541 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:152 Resp: 1593

Ion	Ratio	Lower	Upper
152	100		
151	39.0	15.0	22.6#

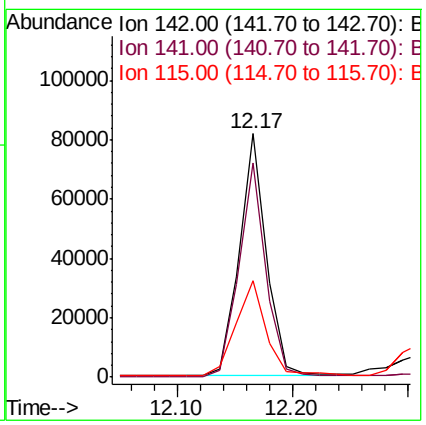


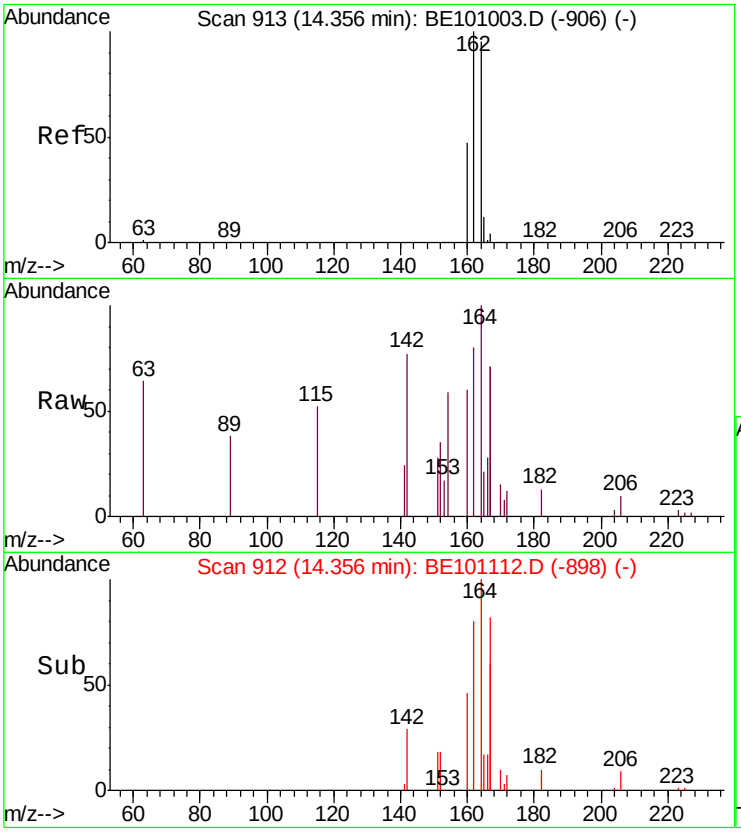


#12
2-Methylnaphthalene
Concen: 51.079 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:142 Resp: 132461

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.5	108.7
115	39.5	33.0	49.6



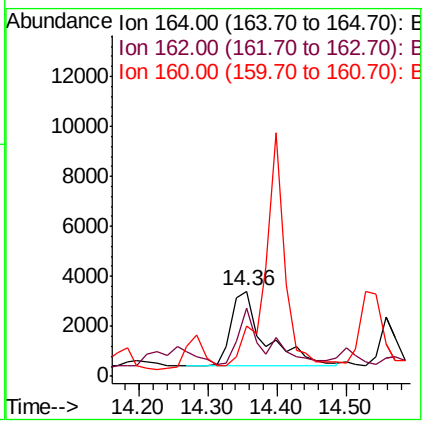


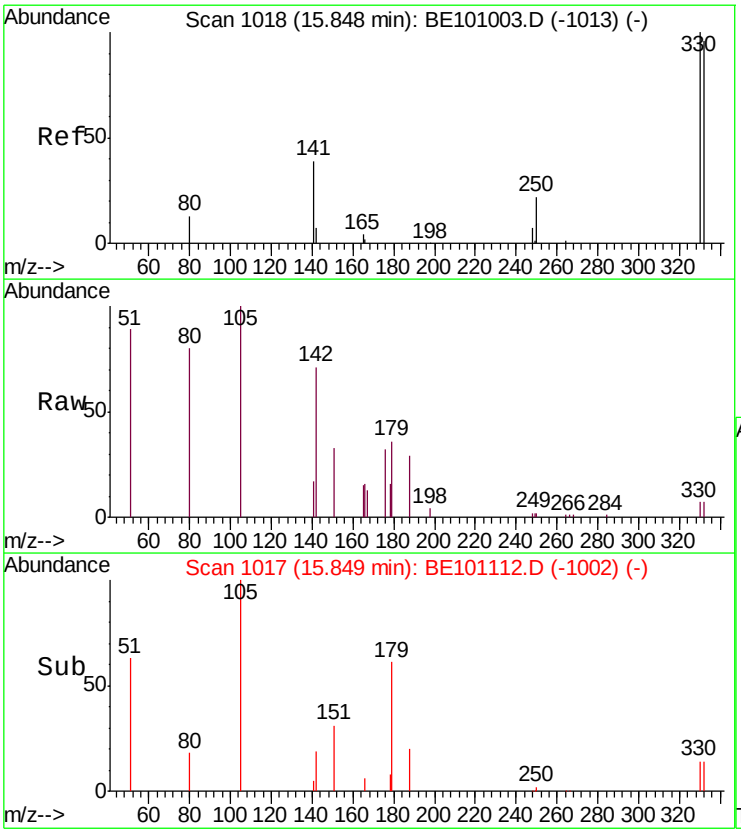
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:164 Resp: 10330

Ion	Ratio	Lower	Upper
164	100		
162	80.4	84.1	126.1#
160	59.6	40.4	60.6

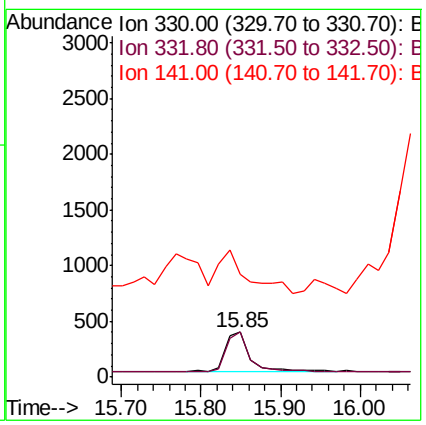


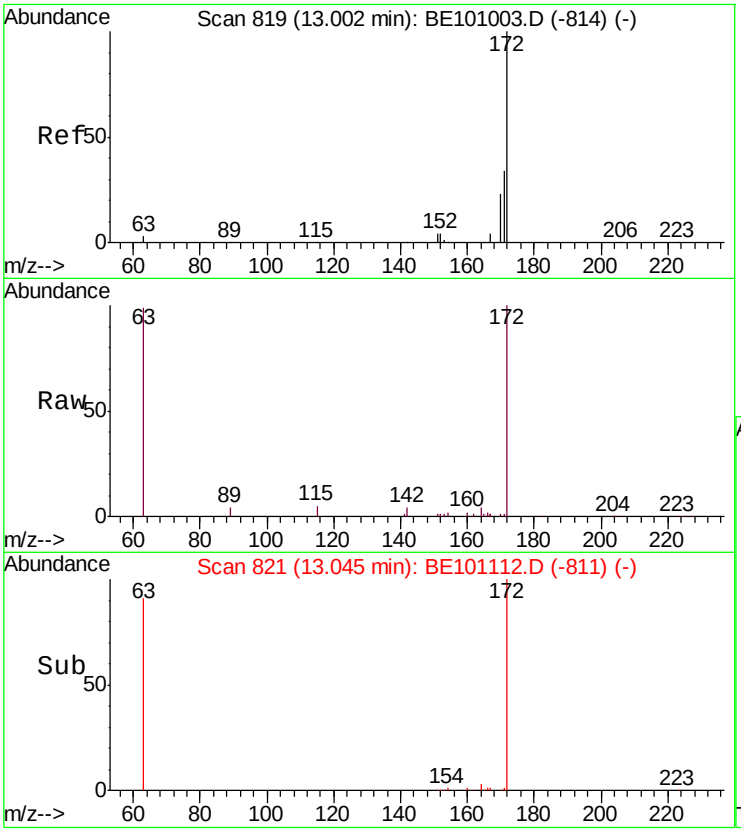


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:330 Resp: 765

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	129.0	37.0	55.4#



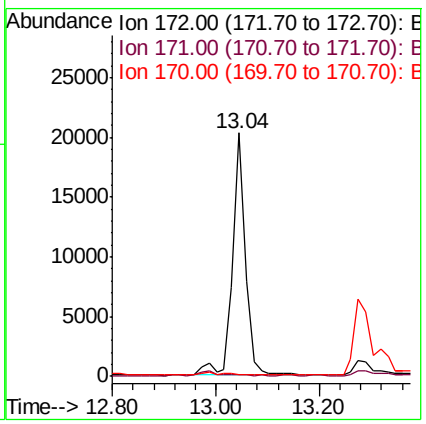


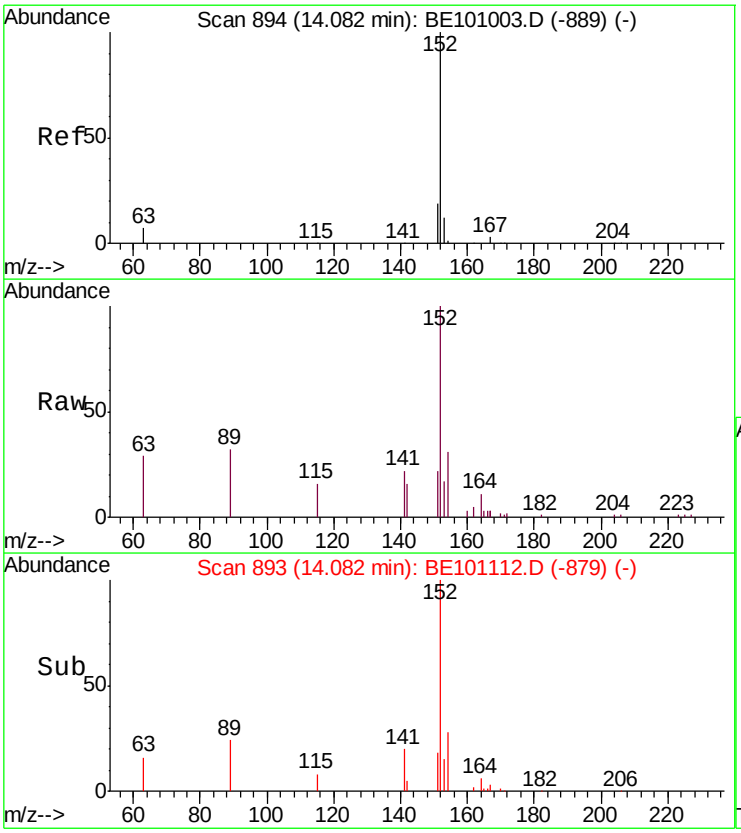
#15
2-Fluorobiphenyl
Concen: 0.879 ng
RT: 13.04 min Scan# 821
Delta R.T. 0.04 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:172 Resp: 34490

Ion	Ratio	Lower	Upper
172	100		
171	0.9	28.2	42.2#
170	0.8	18.9	28.3#

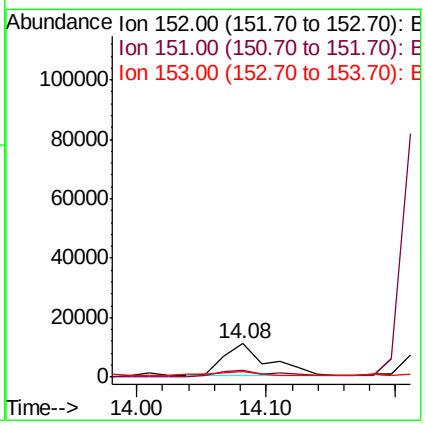


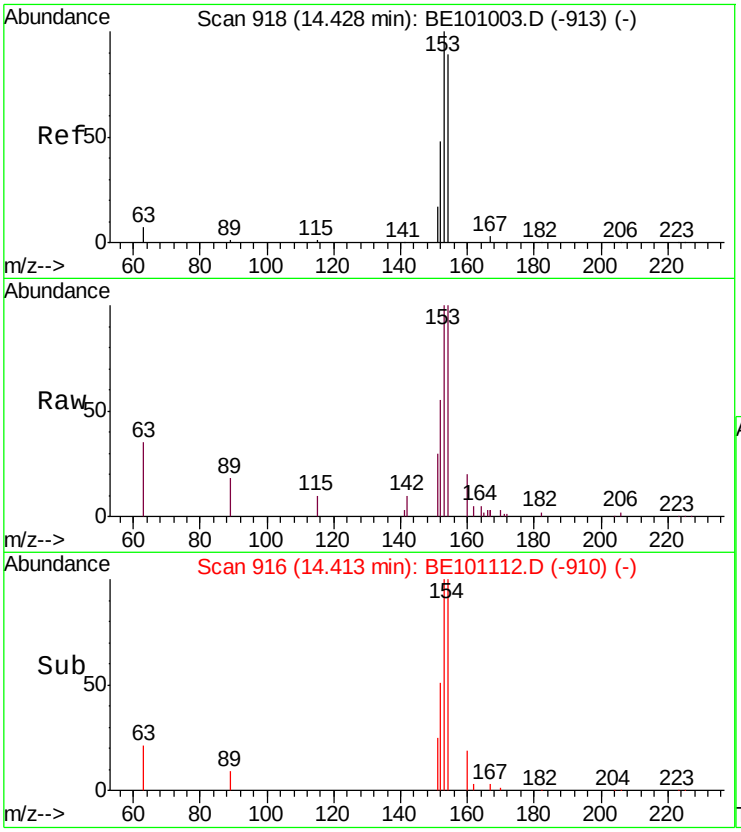


#16
Acenaphthylene
Concen: 0.623 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:152 Resp: 26232

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.5	23.3
153	12.5	10.4	15.6



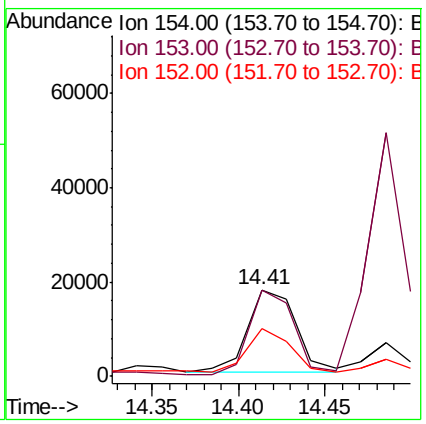


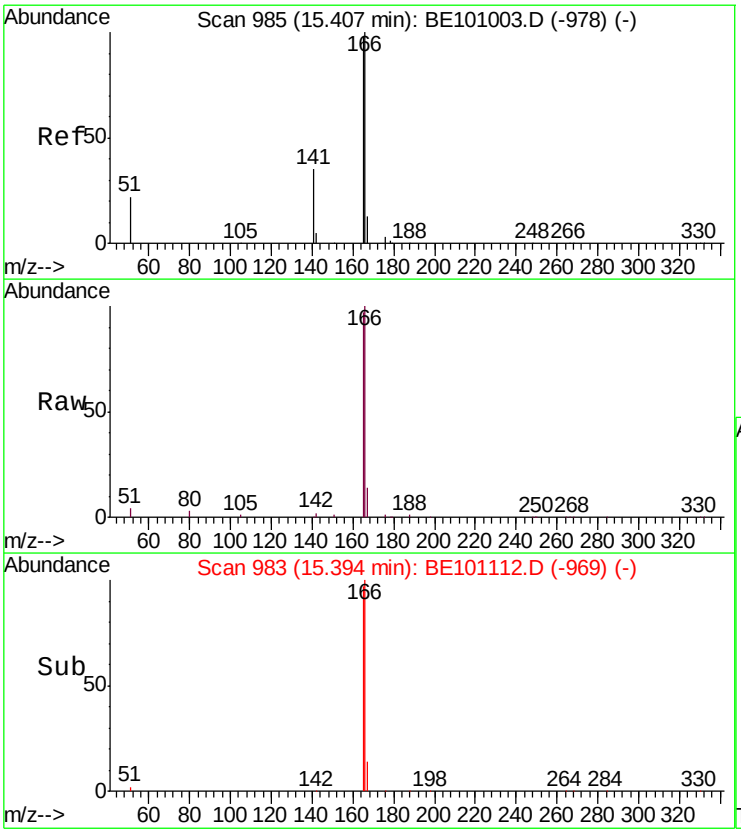
#17
Acenaphthene
Concen: 1.136 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:154 Resp: 34202

Ion	Ratio	Lower	Upper
154	100		
153	95.4	93.6	140.4
152	47.3	46.3	69.5

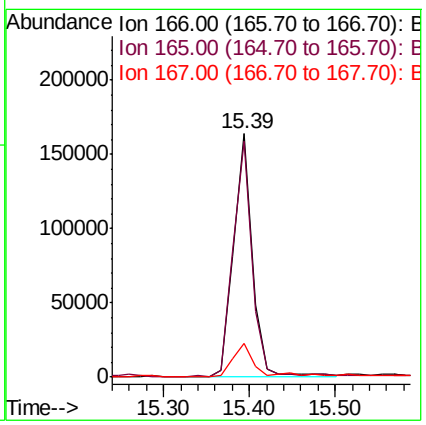


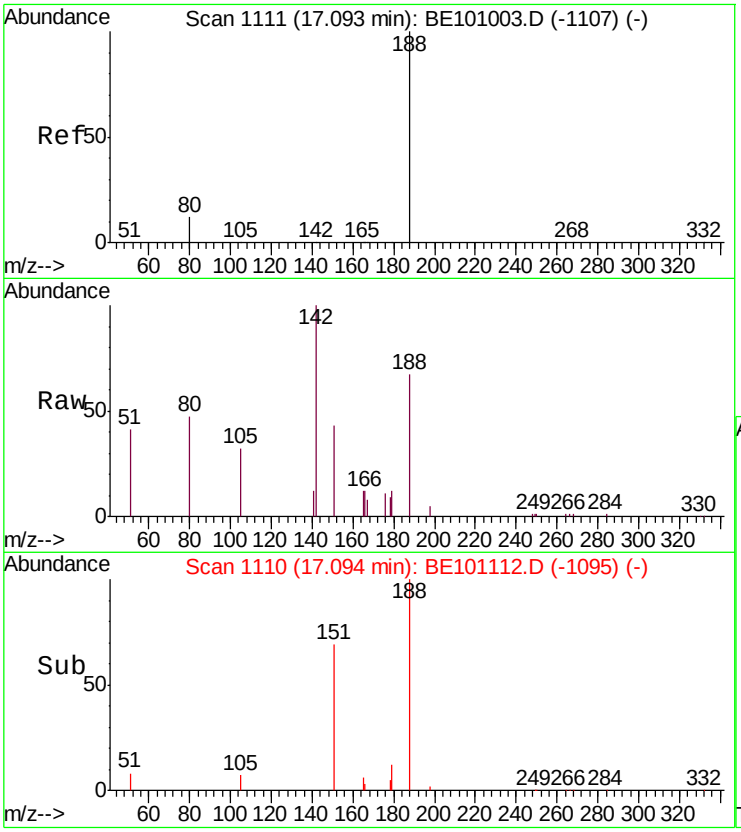


#18
Fluorene
Concen: 6.515 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:166 Resp: 248009

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	13.8	11.0	16.6



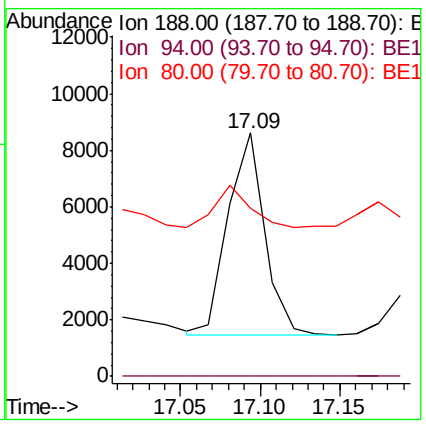


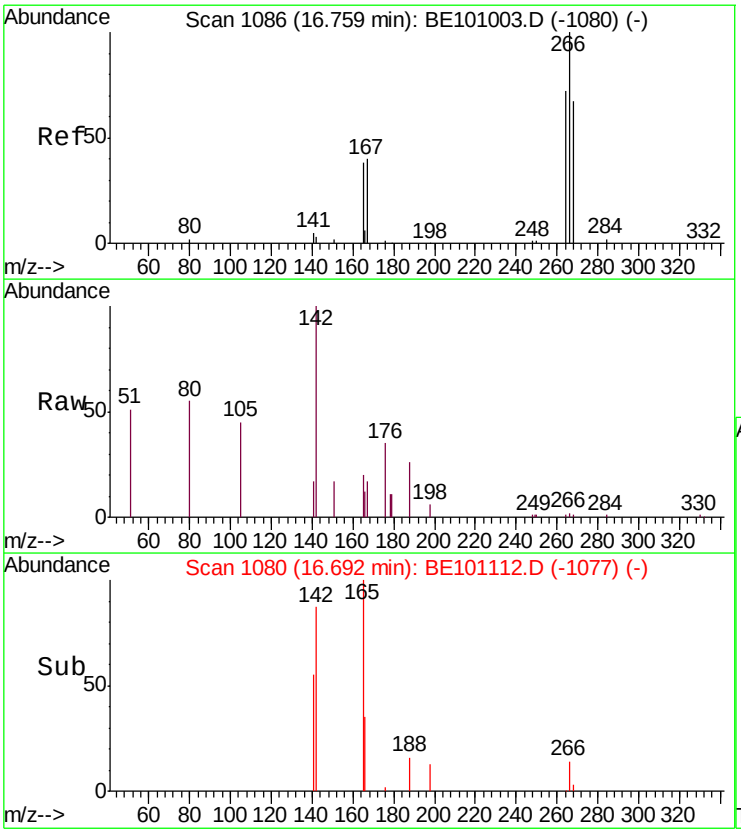
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:188 Resp: 11543

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	69.1	10.8	16.2#

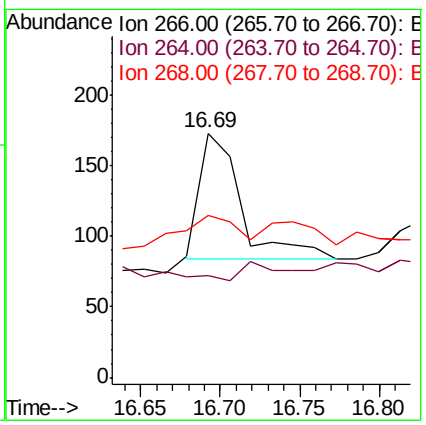


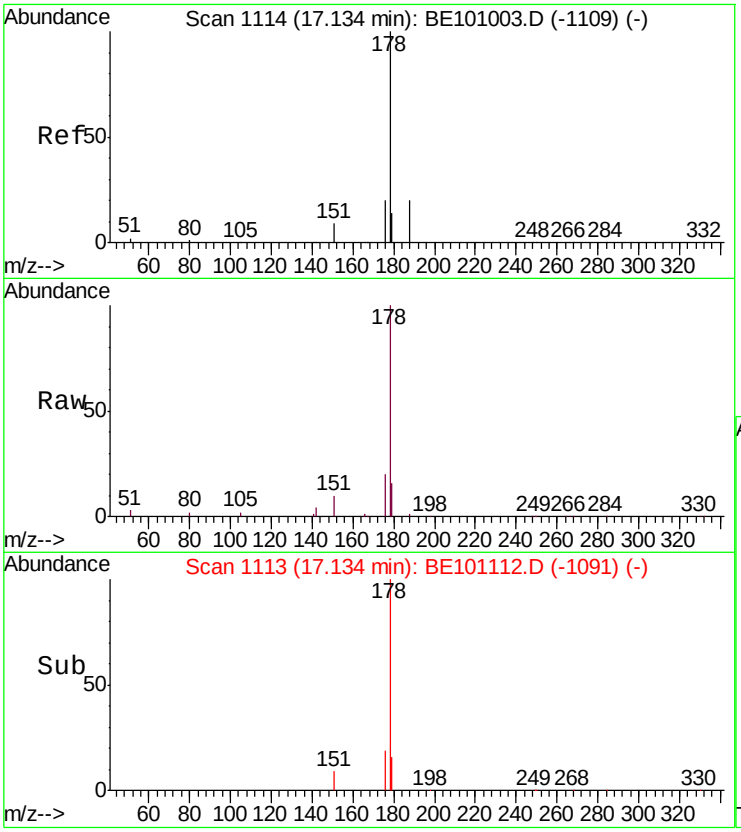


#22
Pentachlorophenol
Concen: 0.324 ng
RT: 16.69 min Scan# 1080
Delta R.T. -0.07 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:266 Resp: 161

Ion	Ratio	Lower	Upper
266	100		
264	41.6	61.0	91.4#
268	66.5	58.5	87.7



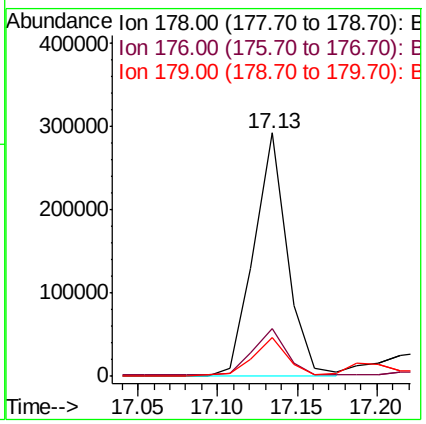


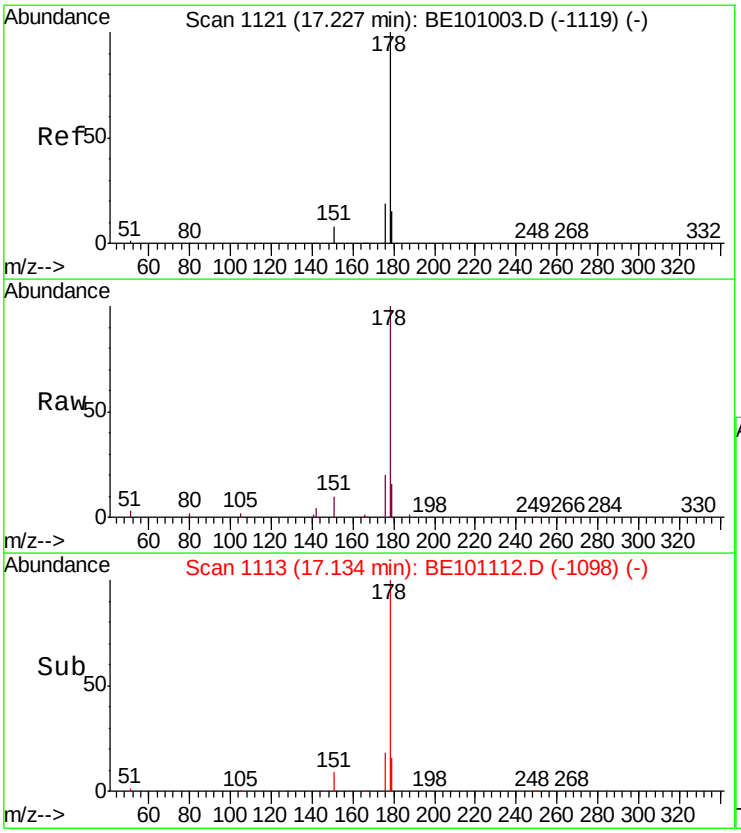
#23
Phenanthrene
Concen: 13.398 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:178 Resp: 422313

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.0	12.0	18.0

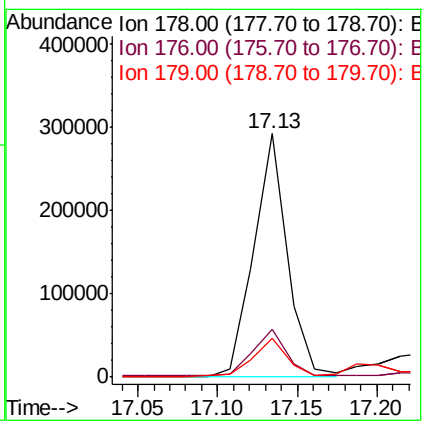


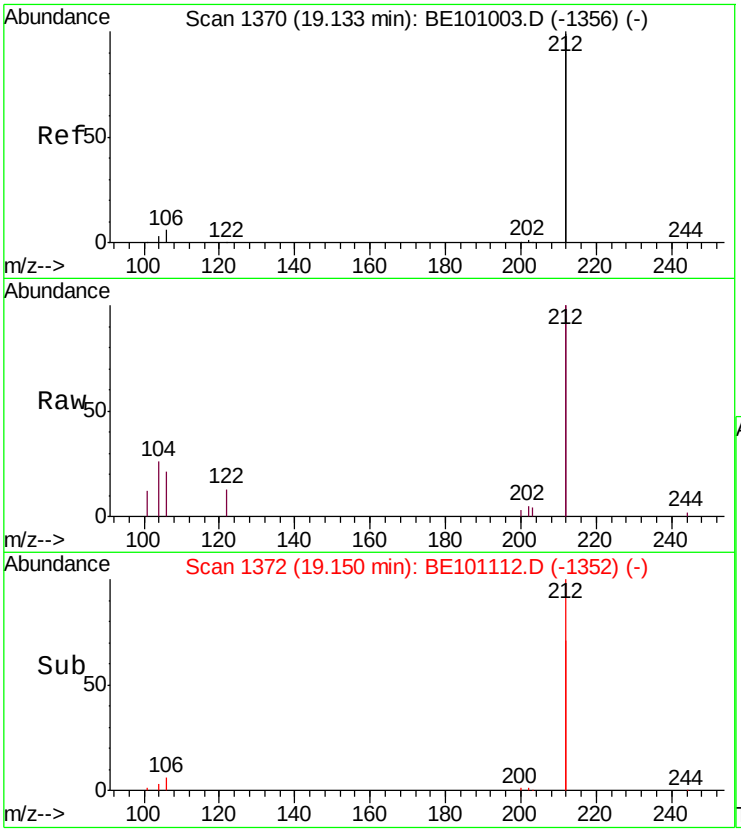


#24
Anthracene
Concen: 14.199 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:178 Resp: 422313

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	16.0	12.4	18.6



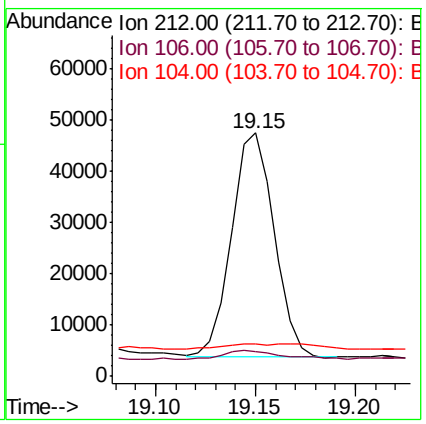


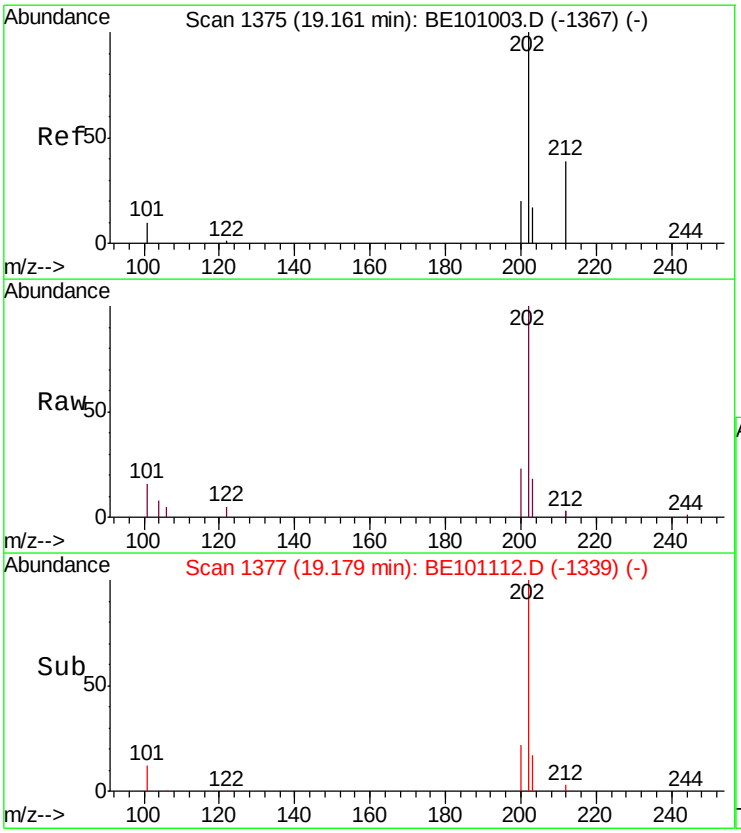
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.15 min Scan# 1372
Delta R.T. 0.02 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:212 Resp: 64564

Ion	Ratio	Lower	Upper
212	100		
106	5.0	2.6	3.8#
104	0.0	1.4	2.0#

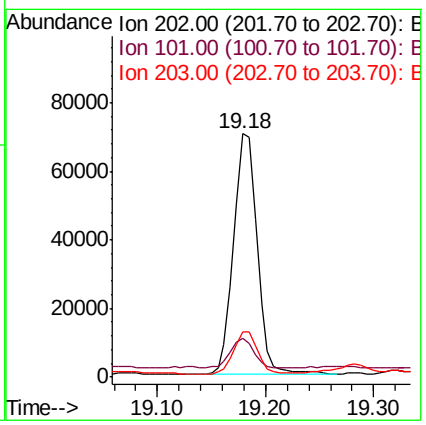


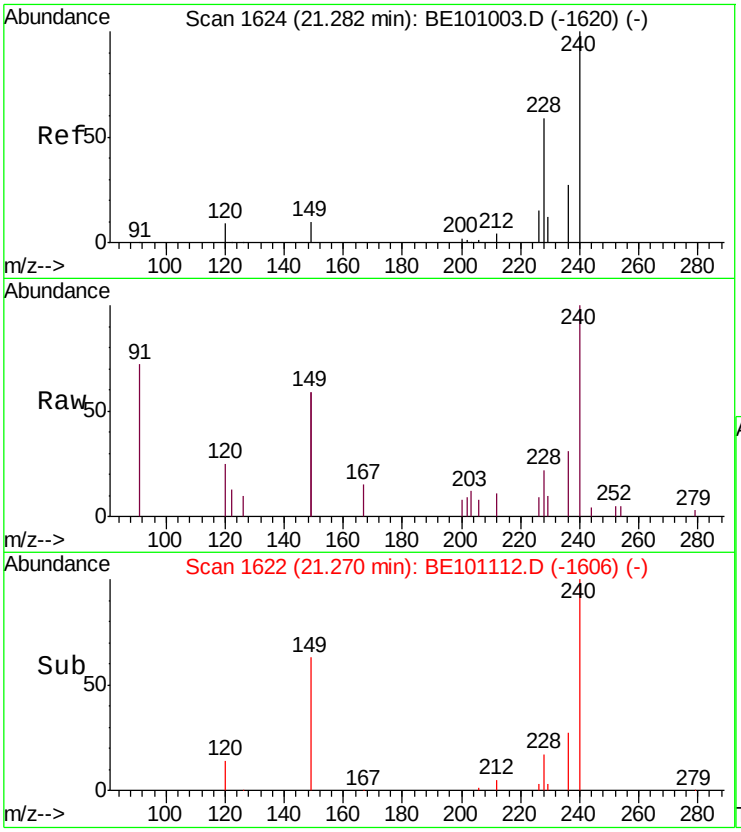


#26
Fluoranthene
Concen: 2.709 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:202 Resp: 106920

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.2	13.8	20.6



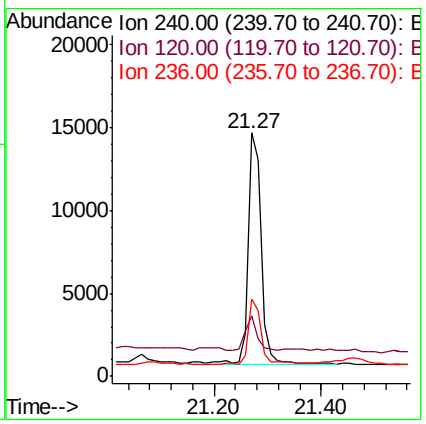


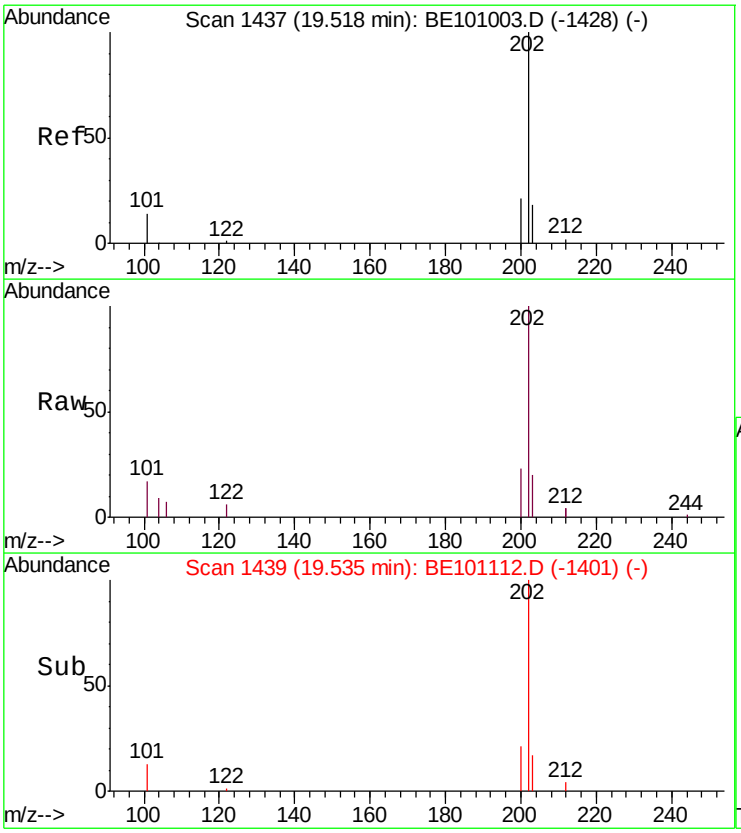
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:240 Resp: 23758

Ion	Ratio	Lower	Upper
240	100		
120	25.0	8.6	13.0#
236	31.5	22.2	33.4

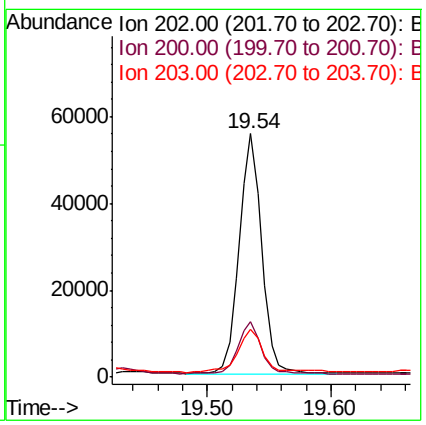


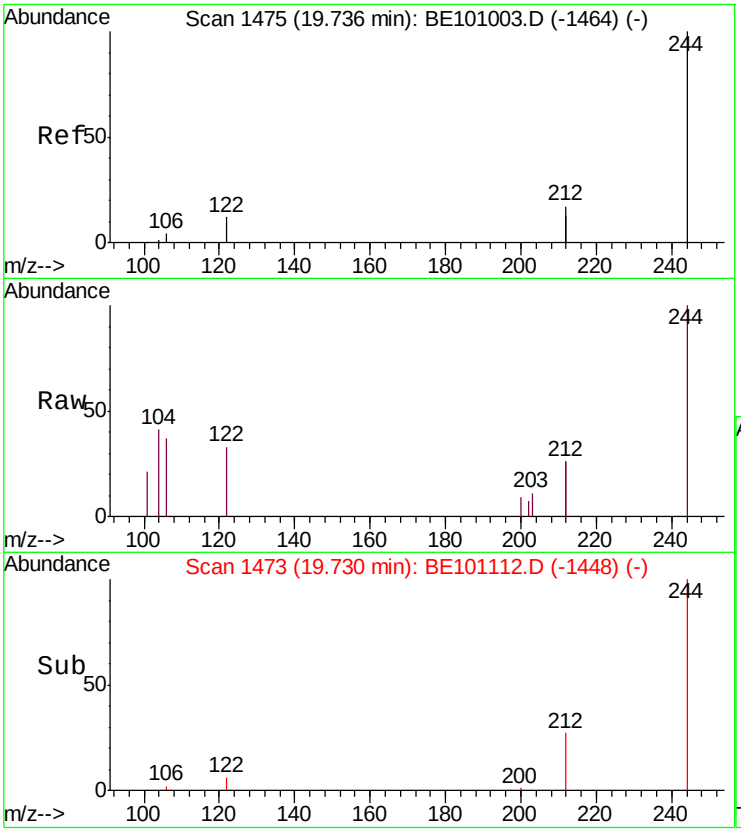


#28
Pyrene
Concen: 0.794 ng
RT: 19.54 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:202 Resp: 70176

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.4
203	19.8	13.8	20.6



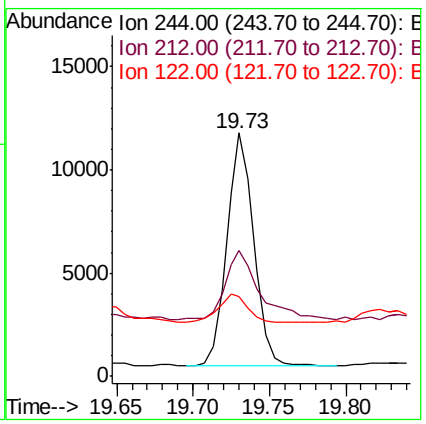


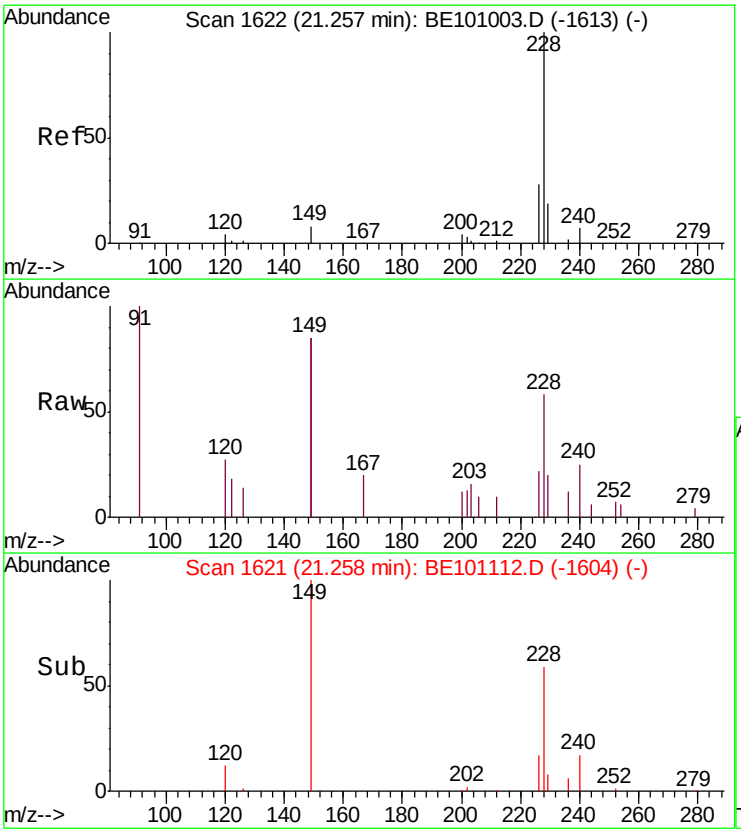
#29
Terphenyl-d14
Concen: 0.239 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:244 Resp: 13938

Ion	Ratio	Lower	Upper
244	100		
212	51.8	27.2	40.8#
122	32.8	9.8	14.8#

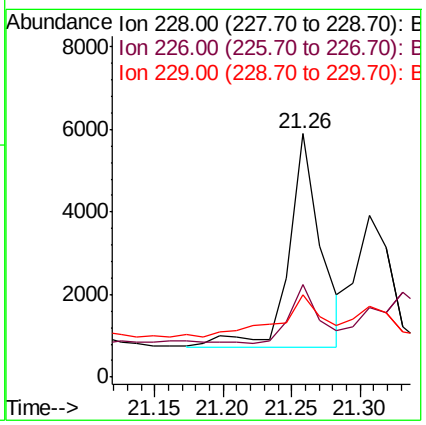


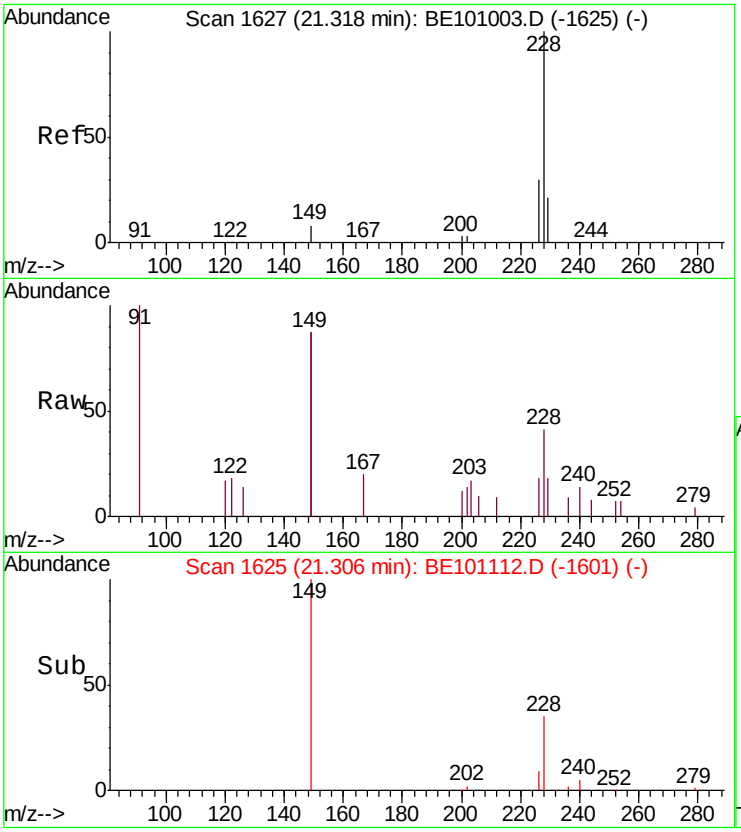


#30
Benzo(a)anthracene
Concen: 0.123 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:228 Resp: 8346

Ion	Ratio	Lower	Upper
228	100		
226	37.9	22.7	34.1#
229	33.6	15.5	23.3#



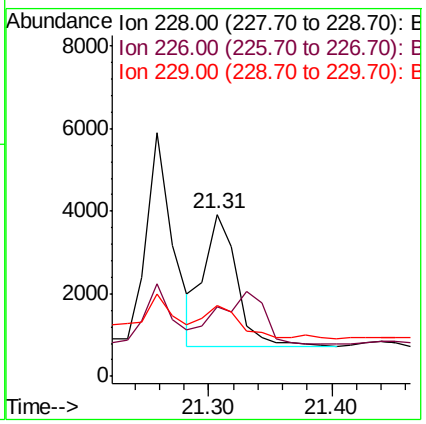


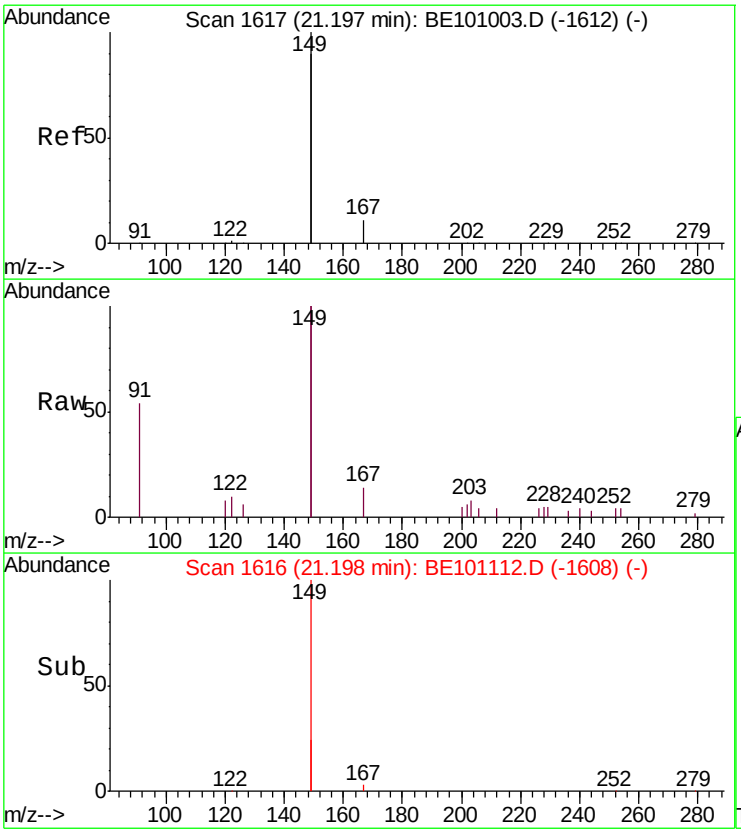
#31
Chrysene
Concen: 0.059 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:228 Resp: 5925

Ion	Ratio	Lower	Upper
228	100		
226	43.0	23.5	35.3#
229	43.7	16.7	25.1#

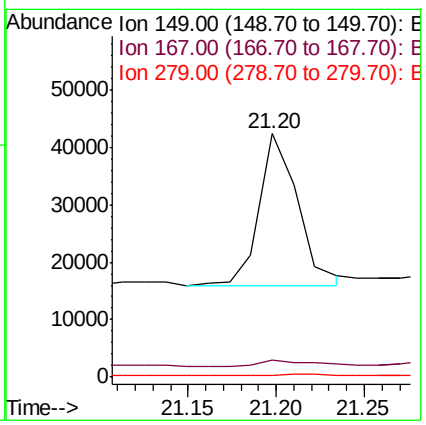


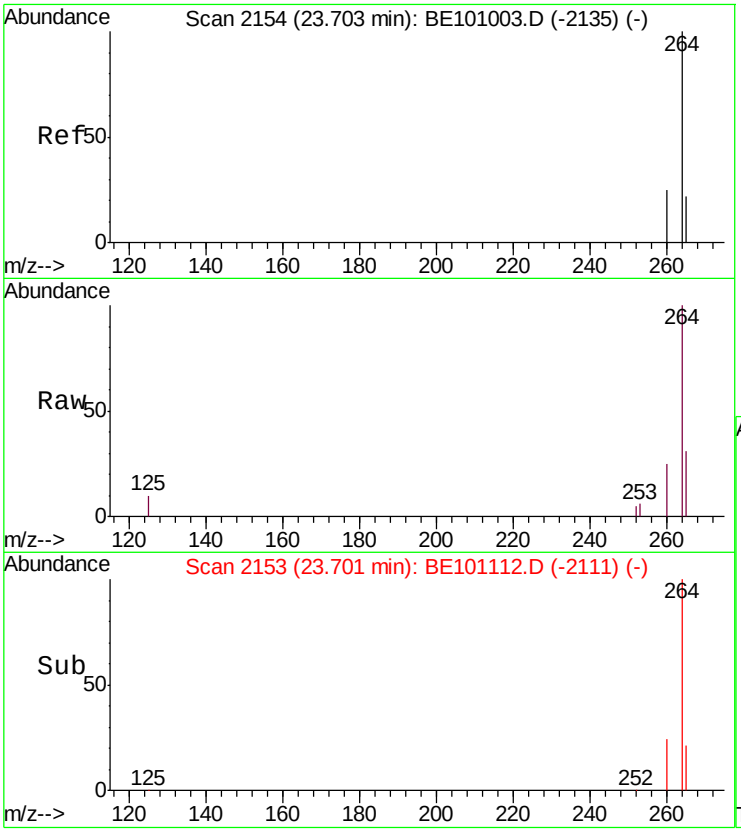


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.20 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:149 Resp: 39863

Ion	Ratio	Lower	Upper
149	100		
167	5.8	5.2	7.8
279	0.6	0.8	1.2#



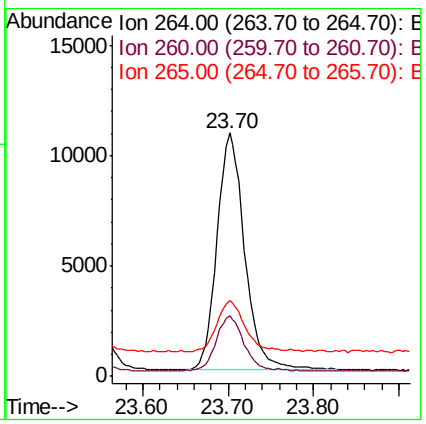


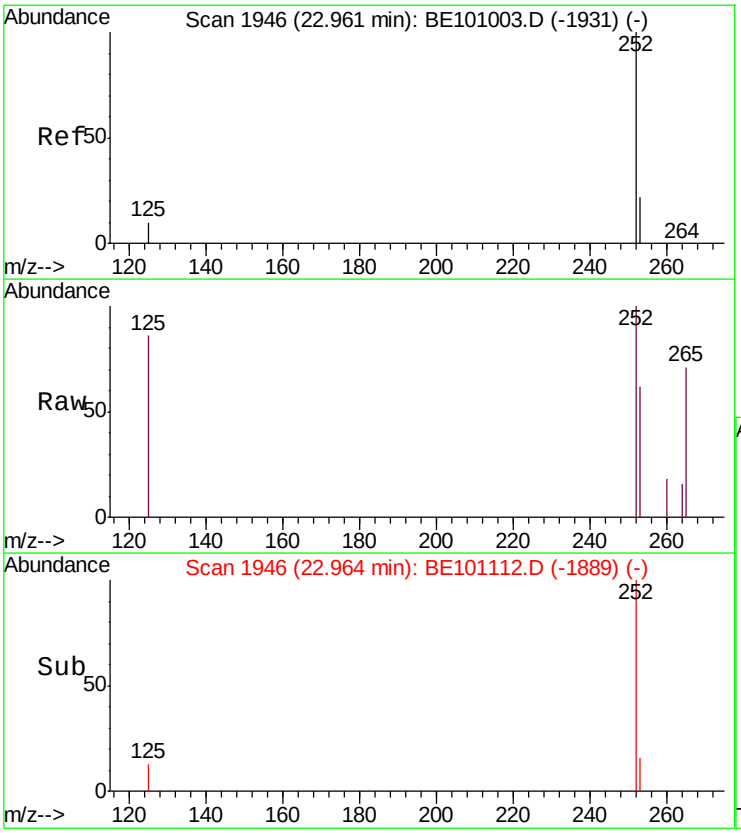
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:264 Resp: 24138

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	31.0	27.0	40.4

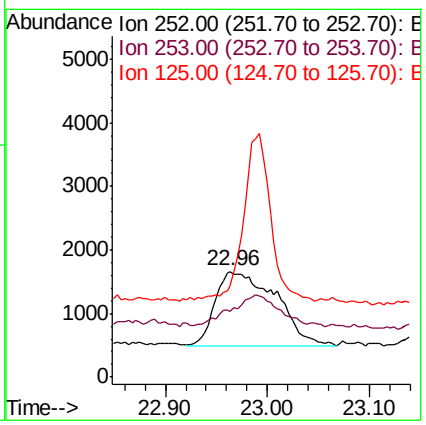


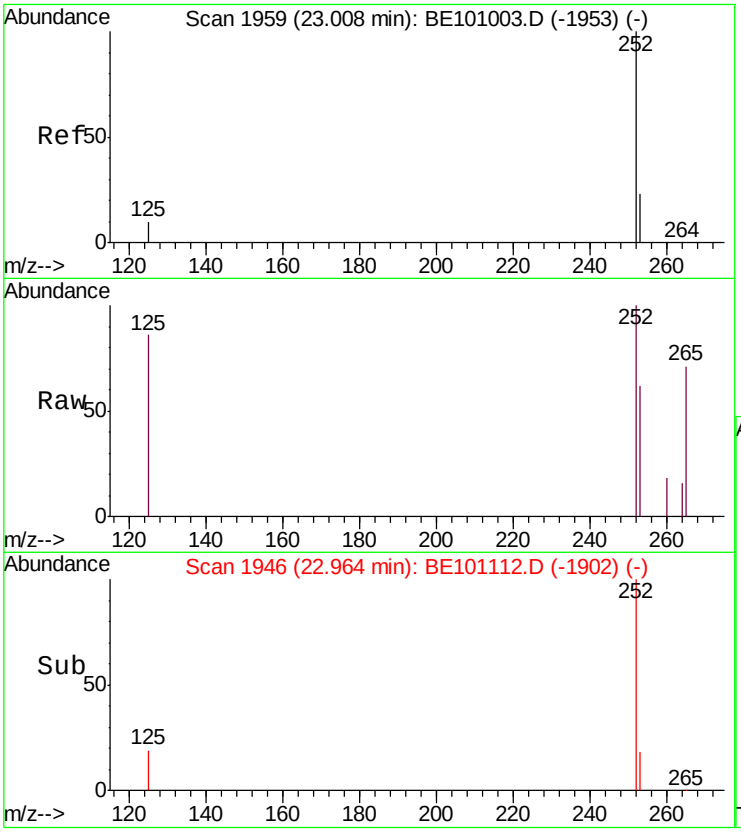


#35
Benzo(b)fluoranthene
Concen: 0.070 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:252 Resp: 4753

Ion	Ratio	Lower	Upper
252	100		
253	62.3	18.5	27.7#
125	86.0	9.5	14.3#



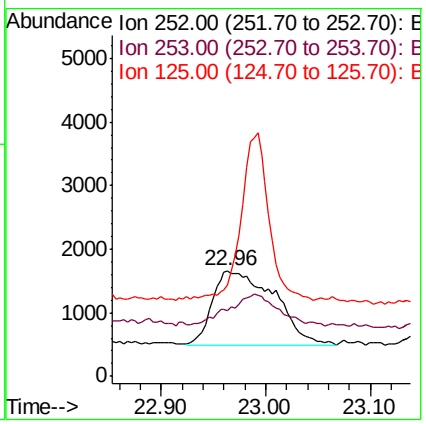


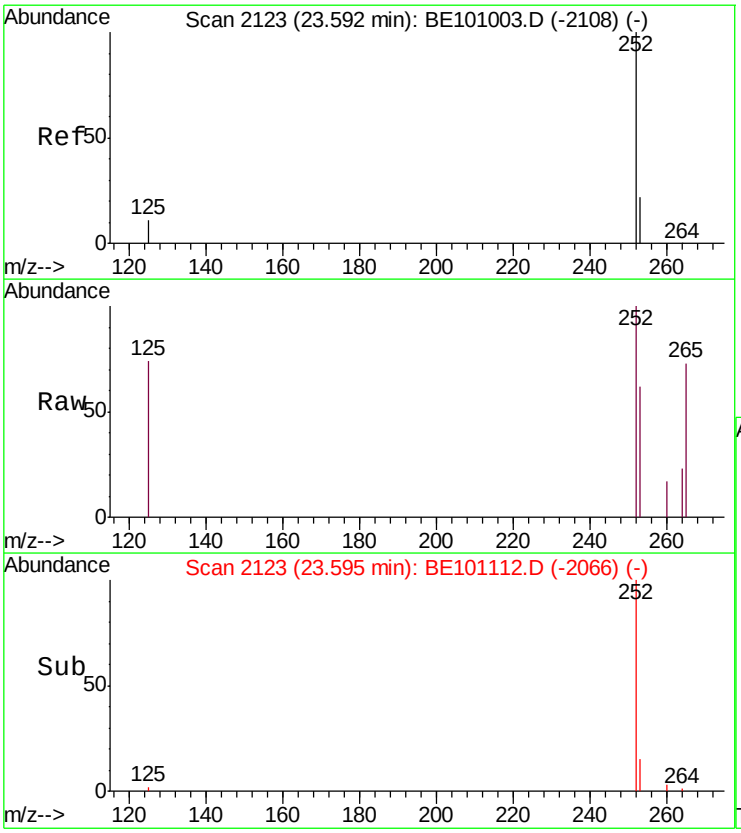
#36
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 22.96 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Instrument :
BNA_E
ClientSampleId :
SB-MW-19

Tgt Ion:252 Resp: 4752

Ion	Ratio	Lower	Upper
252	100		
253	62.3	18.9	28.3#
125	86.0	10.1	15.1#





#37
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.59 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101112.D
Acq: 21 Jan 2020 16:35

Tgt Ion:252 Resp: 2693

Ion	Ratio	Lower	Upper
252	100		
253	61.8	19.4	29.2#
125	73.9	11.8	17.6#