Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100388.D
Acq On : 5 Jul 2019 19:10
Operator : JU/SJ
Sample : K3560-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-009-SW142-062419

Quant Time: Jul 06 00:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	663	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2264	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1771	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5225	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	6868	0.40	ng		-0.01
34) Perylene-d12	23.66	264	8439	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	539	0.32	ng		-0.02
5) Phenol-d6	6.82	99	661	0.30	ng		-0.02
8) Nitrobenzene-d5	8.79	82	475	0.21	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1316	0.31	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	459	0.37	ng		-0.03
15) 2-Fluorobiphenyl	12.93	172	2009	0.29	ng		-0.01
25) Fluoranthene-d10	19.08	212	20591	0.27	ng		-0.02
29) Terphenyl-d14	19.68	244	4399	0.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	26	0.025	ng	#	32
3) n-Nitrosodimethylamine	3.47	42	19	0.040	ng	#	1
9) Naphthalene	10.47	128	1057	0.042	ng	#	83
12) 2-Methylnaphthalene	12.11	142	276	0.063	ng	#	92
16) Acenaphthylene	14.02	152	753	0.089	ng	#	95
18) Fluorene	15.34	166	218	0.031	ng	#	10
22) Pentachlorophenol	16.72	266	22	0.021	ng	#	73
23) Phenanthrene	17.08	178	4873	0.385	ng		97
24) Anthracene	17.18	178	525	0.046	ng	#	91
26) Fluoranthene	19.12	202	9904	0.491	ng		99
28) Pyrene	19.48	202	13284	0.731	ng		97
30) Benzo(a)anthracene	21.22	228	6496	0.288	ng	#	79
31) Chrysene	21.27	228	9835	0.434	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.14	149	15101	0.416	ng		97
33) Indeno(1,2,3-cd)pyrene	26.20	276	5309	0.177	ng	#	95
35) Benzo(b)fluoranthene	22.91	252	10296	0.450	ng	#	75
36) Benzo(k)fluoranthene	22.91	252	10296	0.403	ng	#	72
37) Benzo(a)pyrene	23.55	252	6533	0.285	ng	#	73
38) Dibenzo(a,h)anthracene	26.21	278	1333	0.056	ng	#	8
39) Benzo(g,h,i)perylene	26.99	276	6263	0.255	ng	#	84

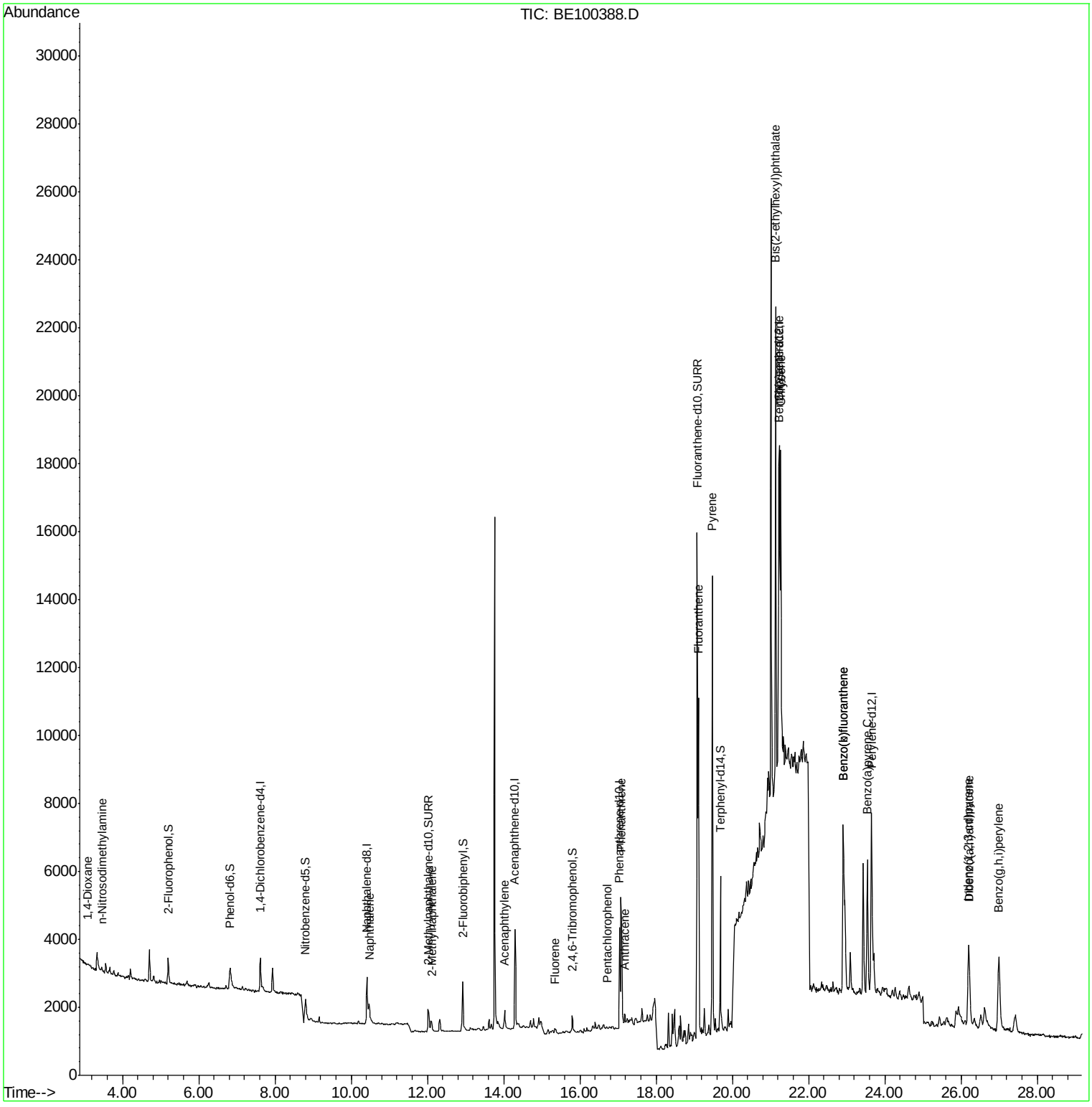
(#) = qualifier out of range (m) = manual integration (+) = signals summed

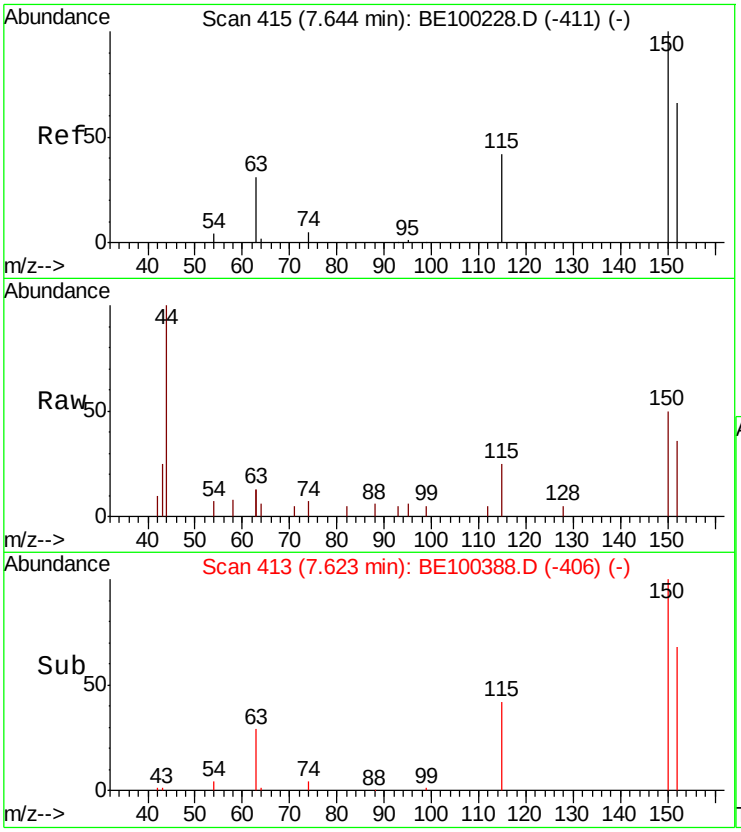
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100388.D
Acq On : 5 Jul 2019 19:10
Operator : JU/SJ
Sample : K3560-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Quant Time: Jul 06 00:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



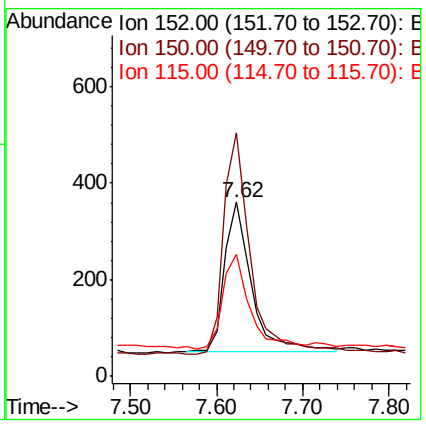


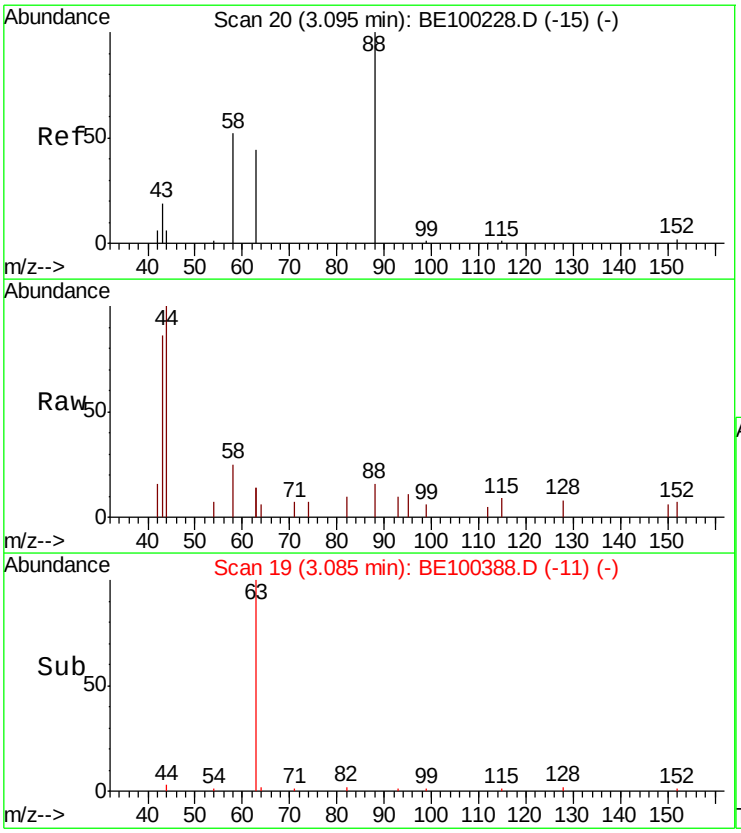
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:152 Resp: 663

Ion	Ratio	Lower	Upper
152	100		
150	139.6	114.5	171.7
115	70.4	57.1	85.7

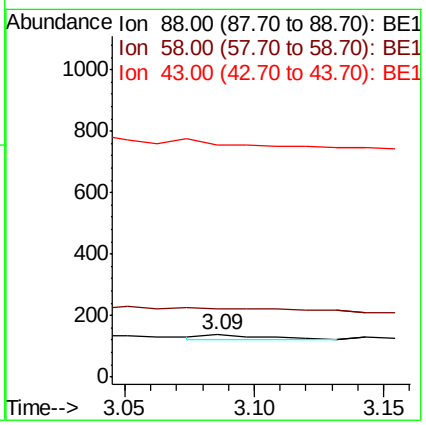


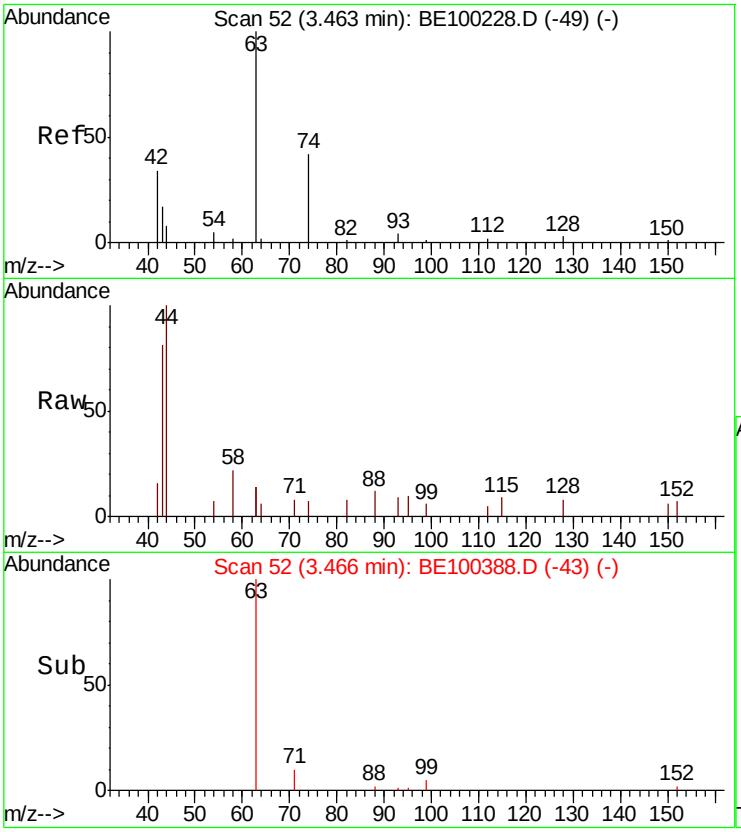


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.09 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
58	0.0	43.6	65.4#
43	0.0	21.4	32.0#



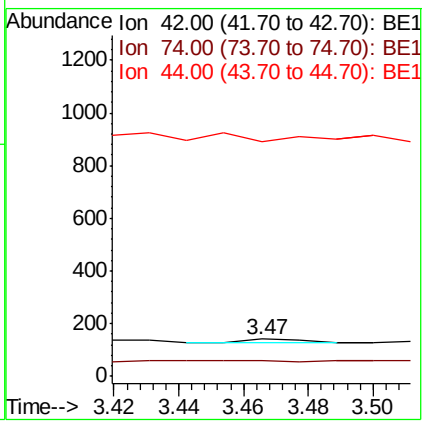


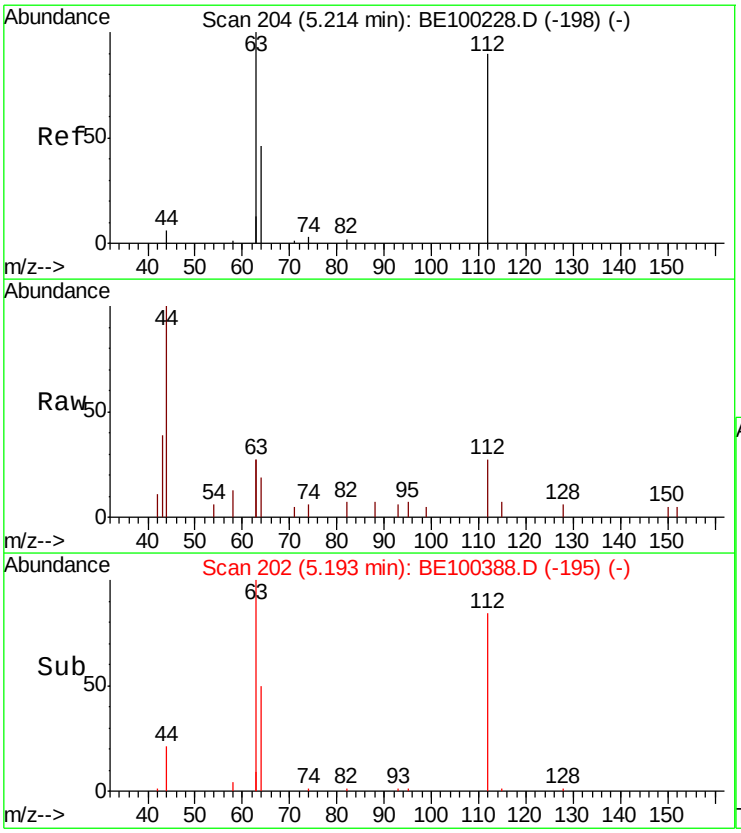
#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.47 min Scan# 52
Delta R.T. 0.00 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion: 42 Resp: 19

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	0.0	38.0	57.0#

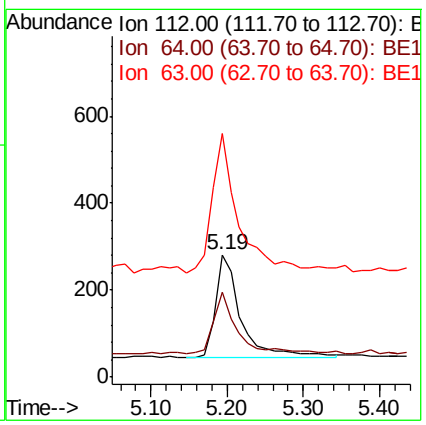


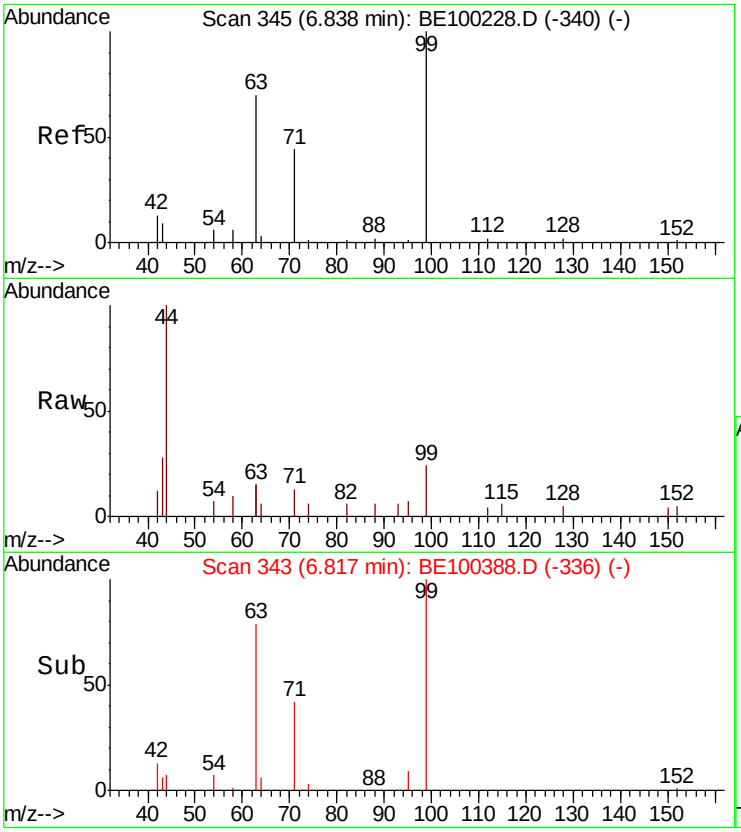


#4
2-Fluorophenol
Concen: 0.319 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:112 Resp: 539

Ion	Ratio	Lower	Upper
112	100		
64	57.5	39.4	59.0
63	142.3	104.5	156.7



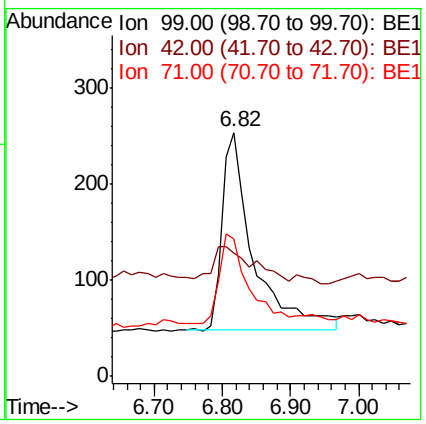


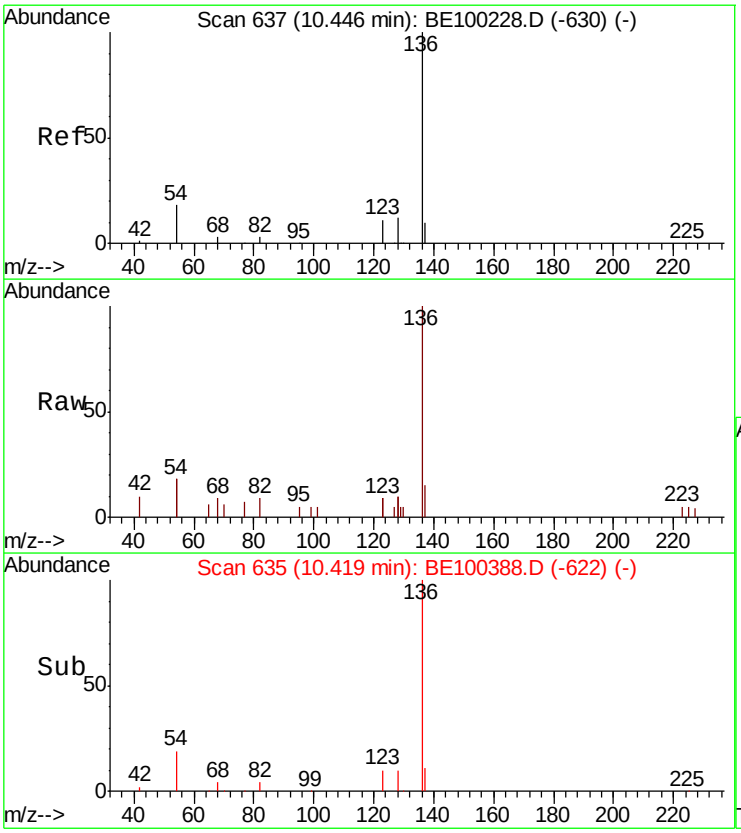
#5
Phenol-d6
Concen: 0.297 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion: 99 Resp: 661

Ion	Ratio	Lower	Upper
99	100		
42	20.9	11.2	16.8#
71	43.1	37.2	55.8

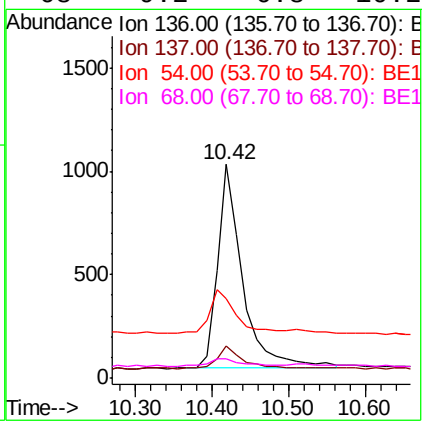


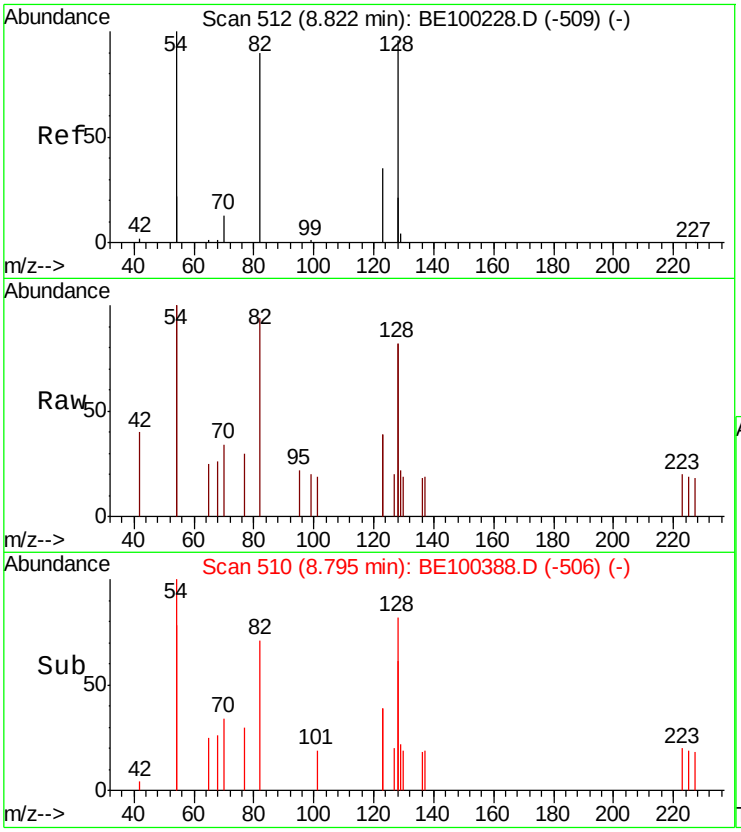


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:136 Resp: 2264

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.8	17.8
54	37.0	27.7	41.5
68	9.2	6.8	10.2



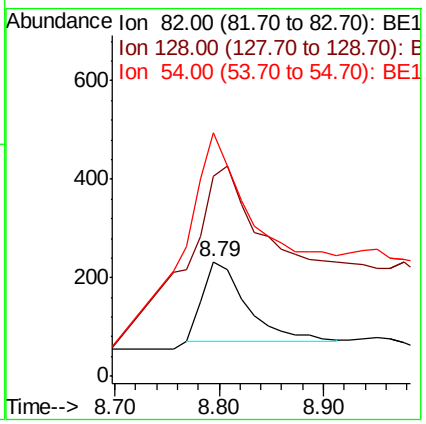


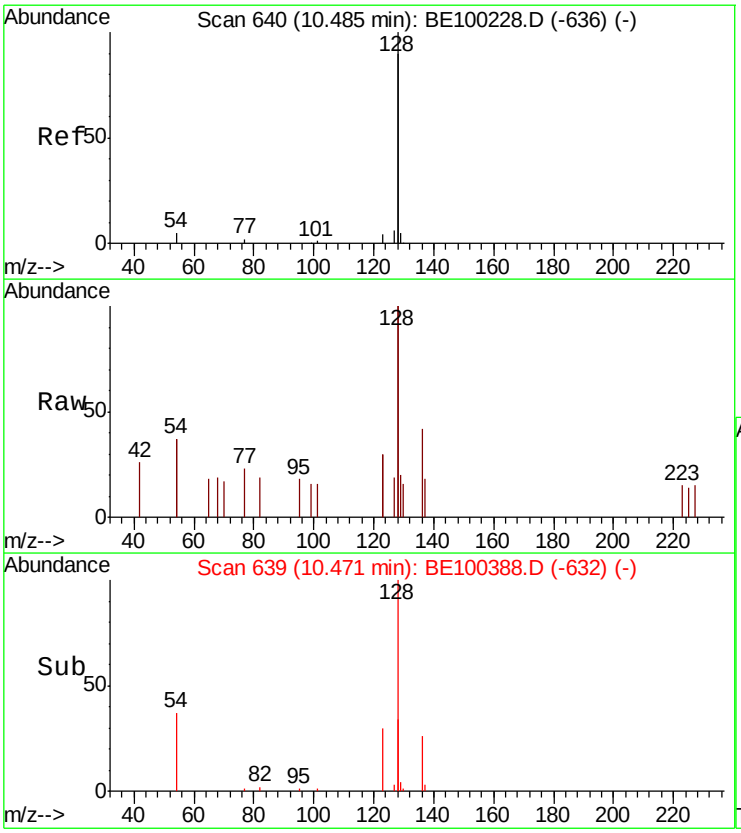
#8
Nitrobenzene-d5
Concen: 0.211 ng
RT: 8.79 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion: 82 Resp: 475

Ion	Ratio	Lower	Upper
82	100		
128	174.2	140.9	211.3
54	212.0	146.2	219.2

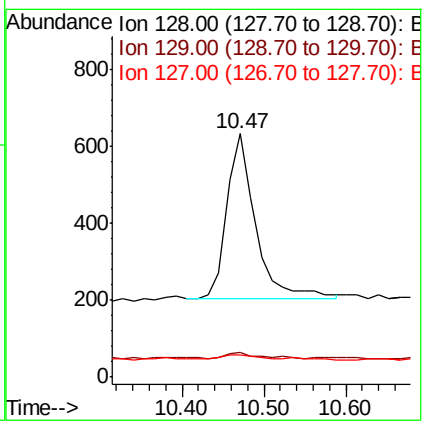


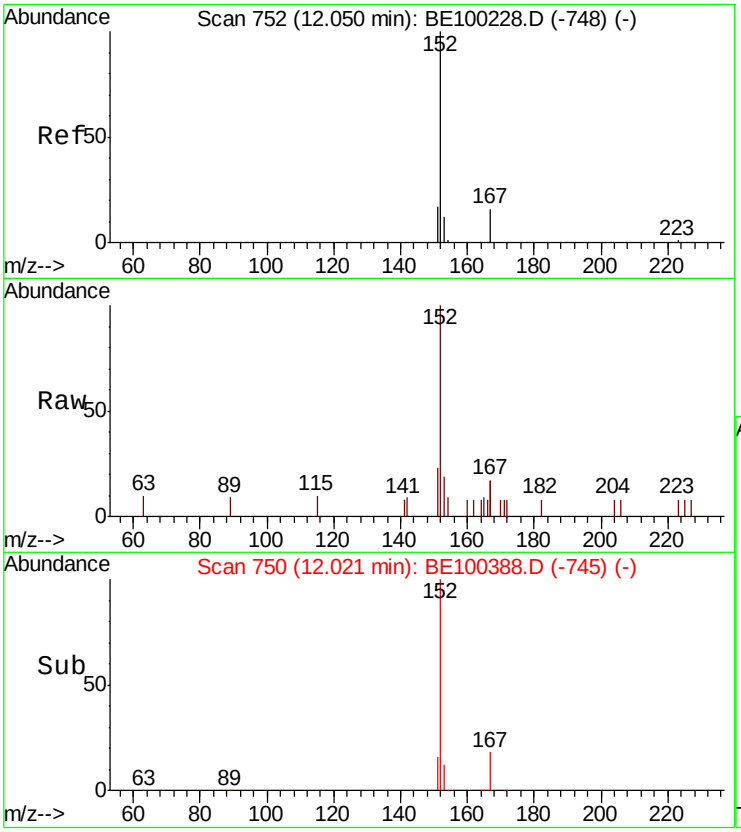


#9
Naphthalene
Concen: 0.042 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:128 Resp: 1057

Ion	Ratio	Lower	Upper
128	100		
129	10.1	3.0	4.6#
127	9.3	3.5	5.3#



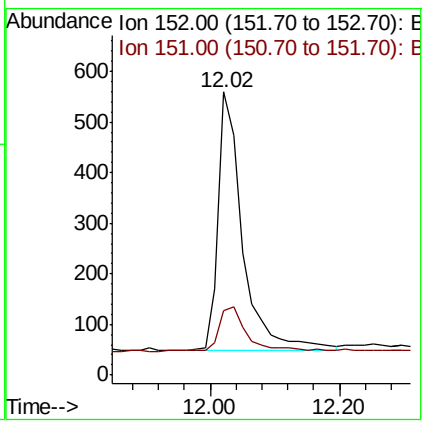


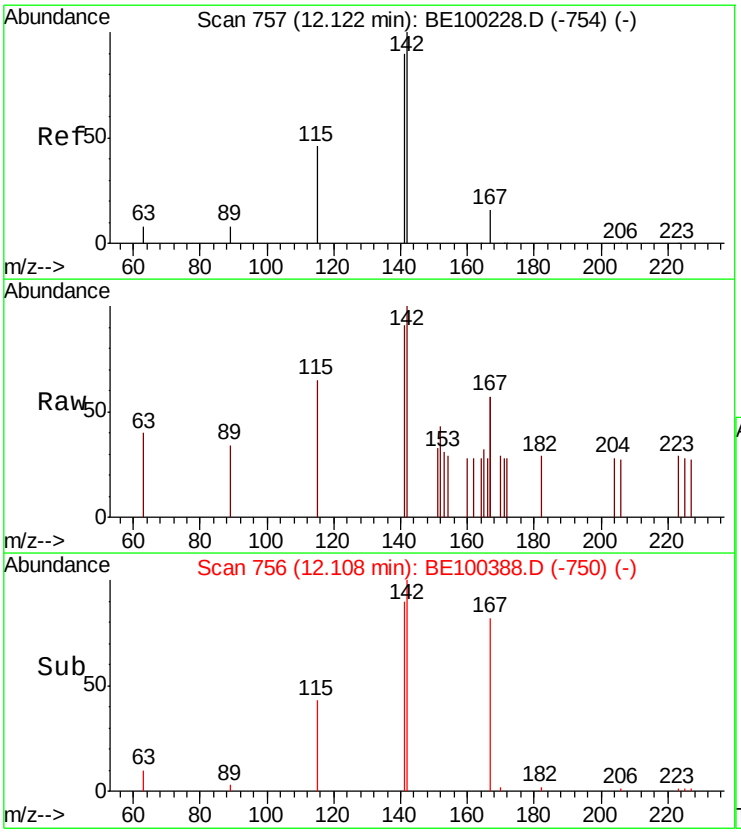
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:152 Resp: 1316

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

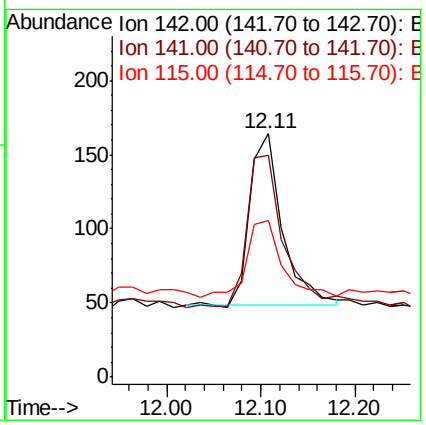


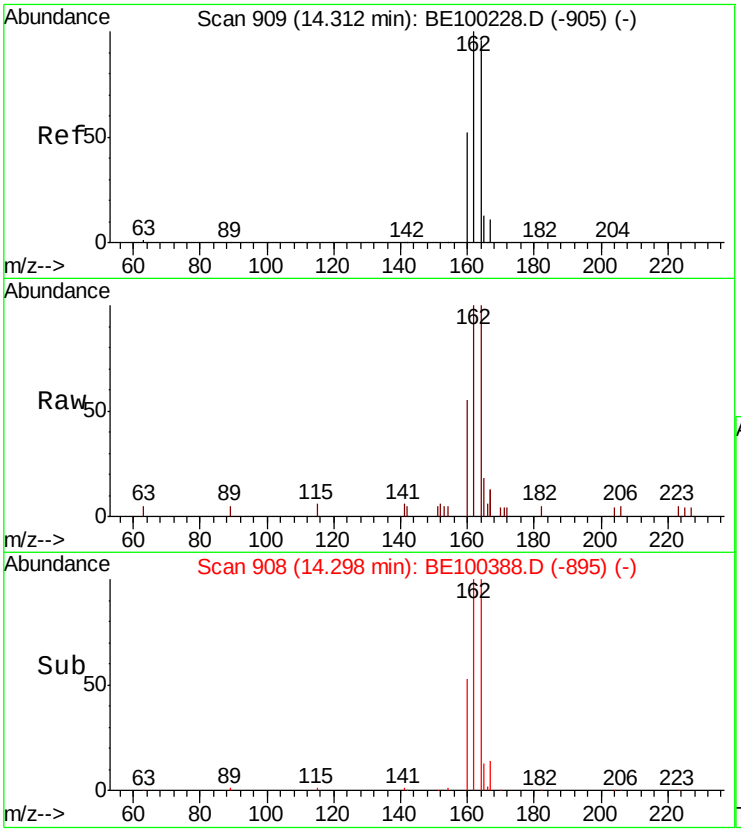


#12
2-Methylnaphthalene
Concen: 0.063 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:142 Resp: 276

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.4	108.6
115	64.6	40.4	60.6#



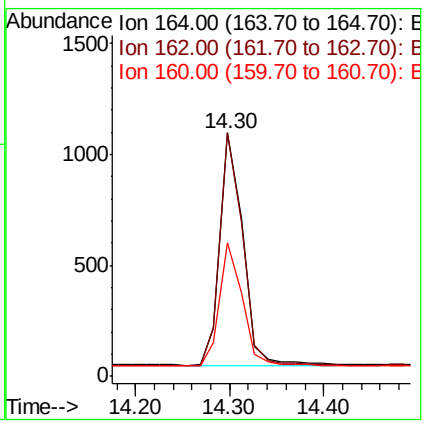


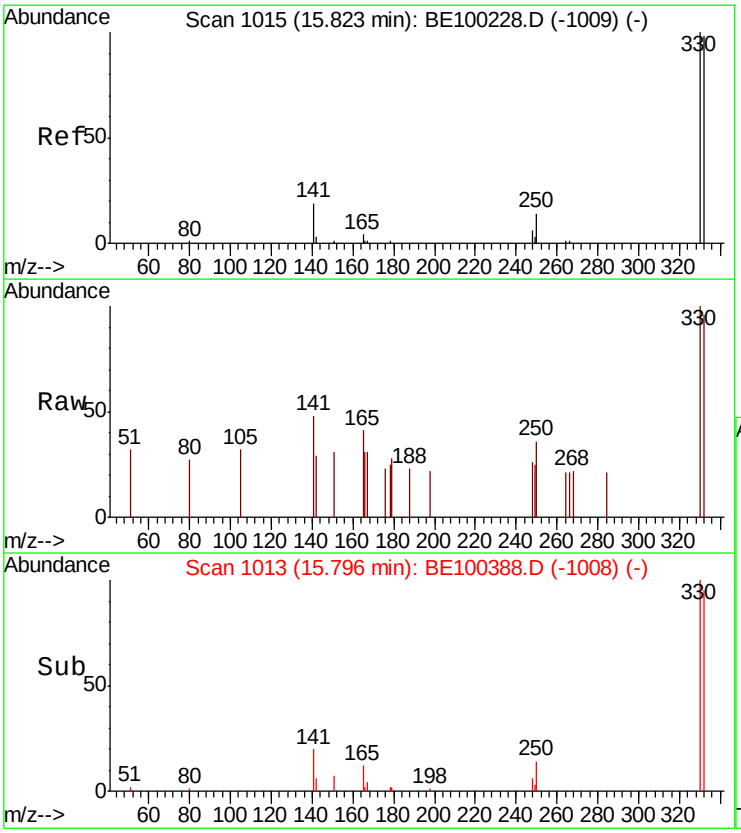
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:164 Resp: 1771

Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.4	125.0
160	54.9	45.0	67.6

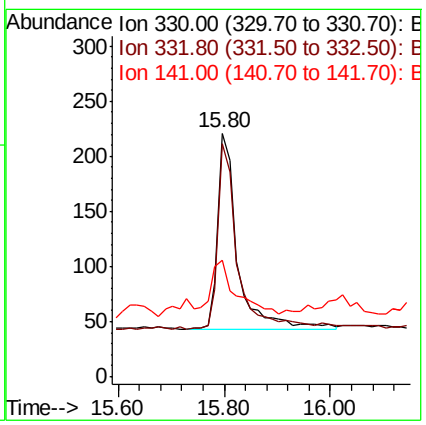


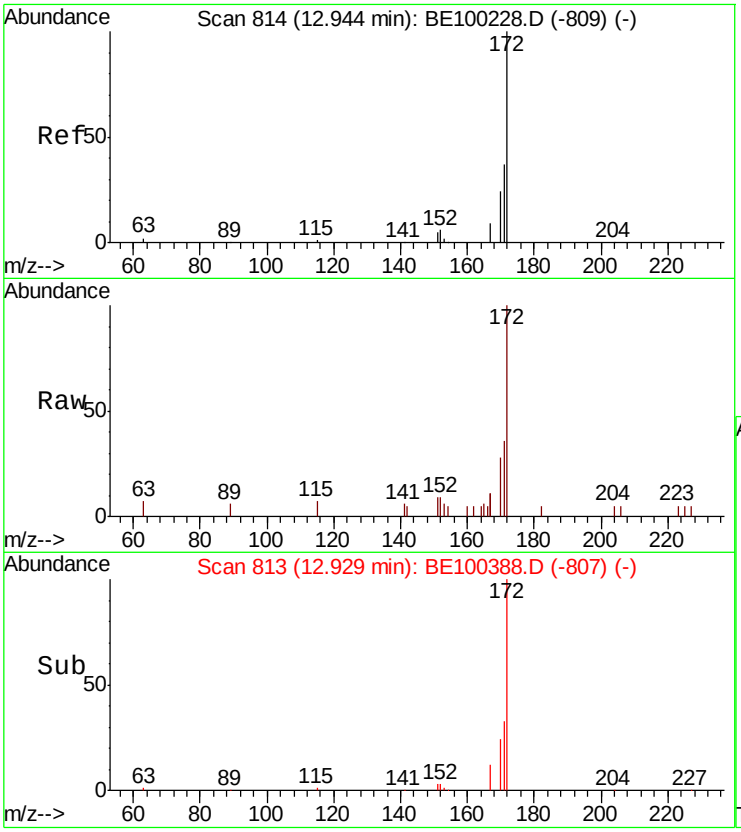


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.4
141	33.3	22.0	33.0#



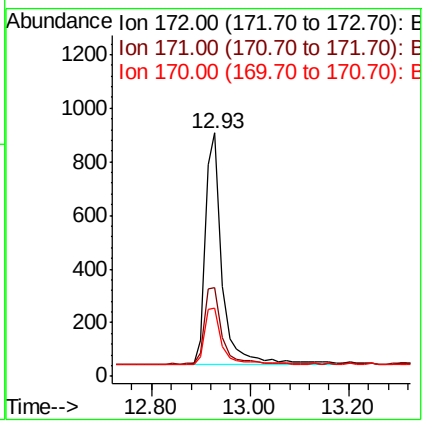


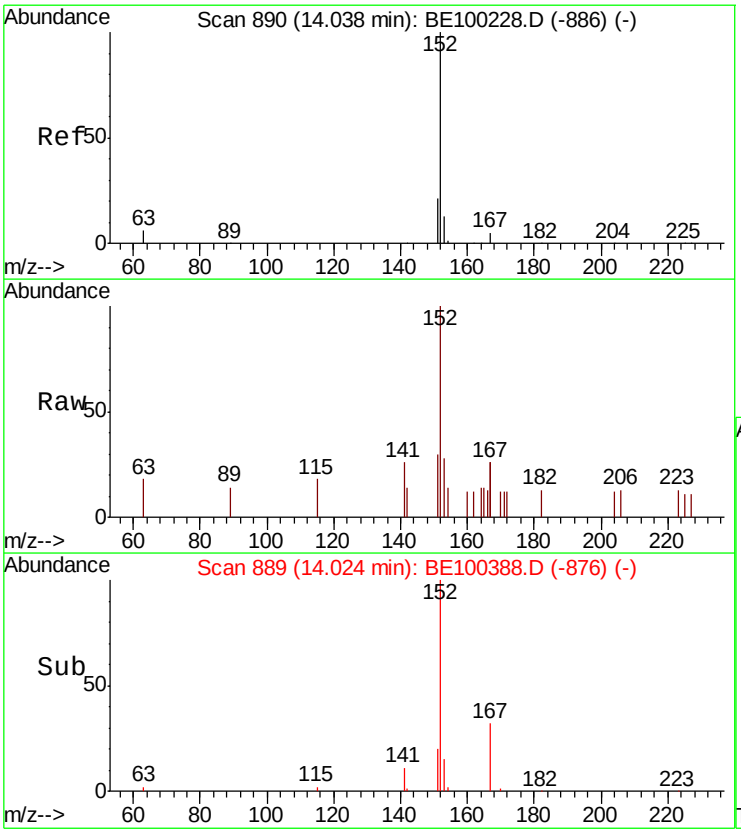
#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:172 Resp: 2009

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.9	47.9
170	28.0	22.2	33.2

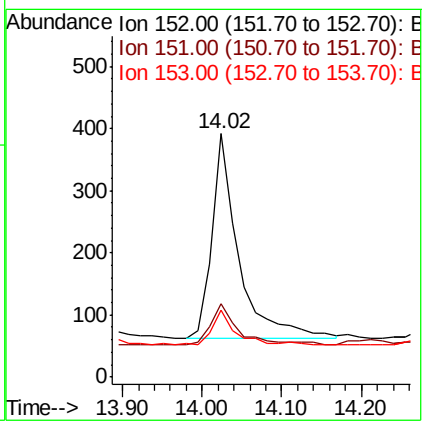


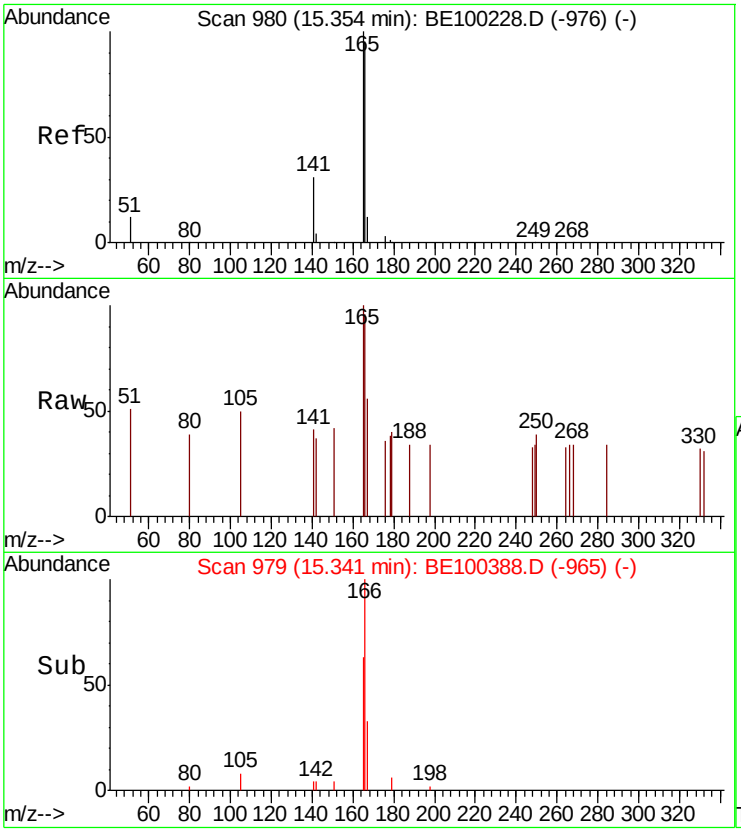


#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:152 Resp: 753

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0
153	18.1	10.5	15.7#



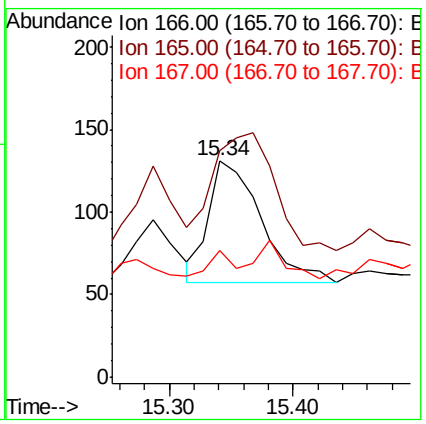


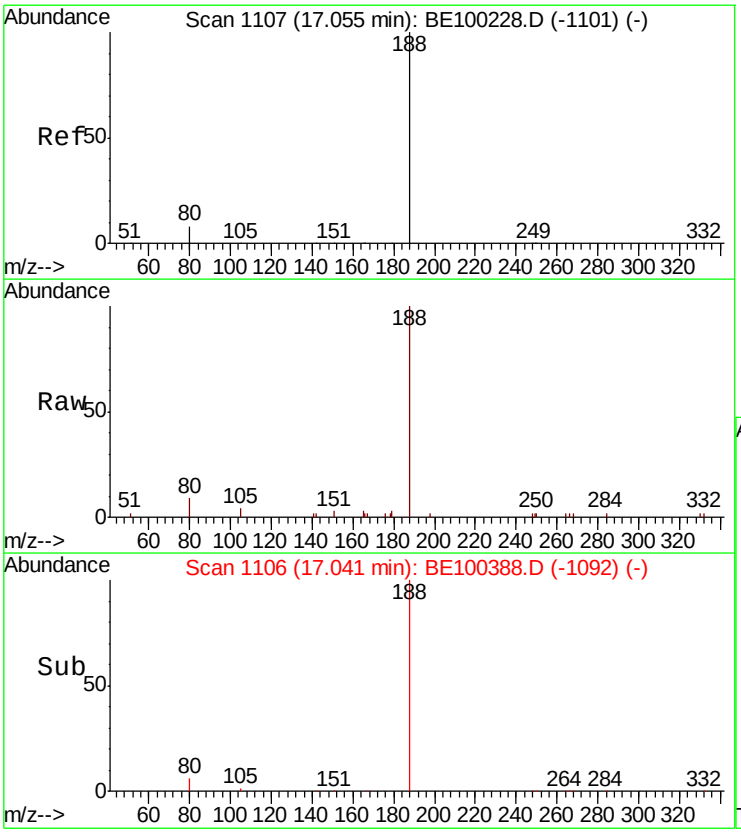
#18
Fluorene
Concen: 0.031 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:166 Resp: 218

Ion	Ratio	Lower	Upper
166	100		
165	0.0	81.1	121.7#
167	9.6	10.7	16.1#

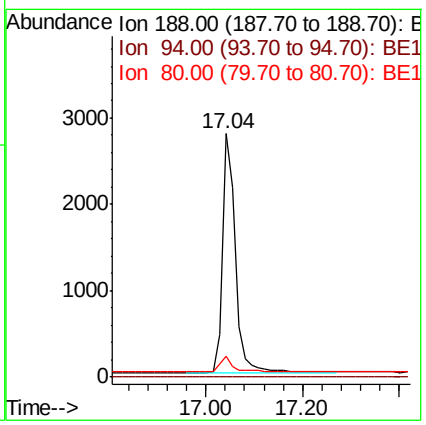


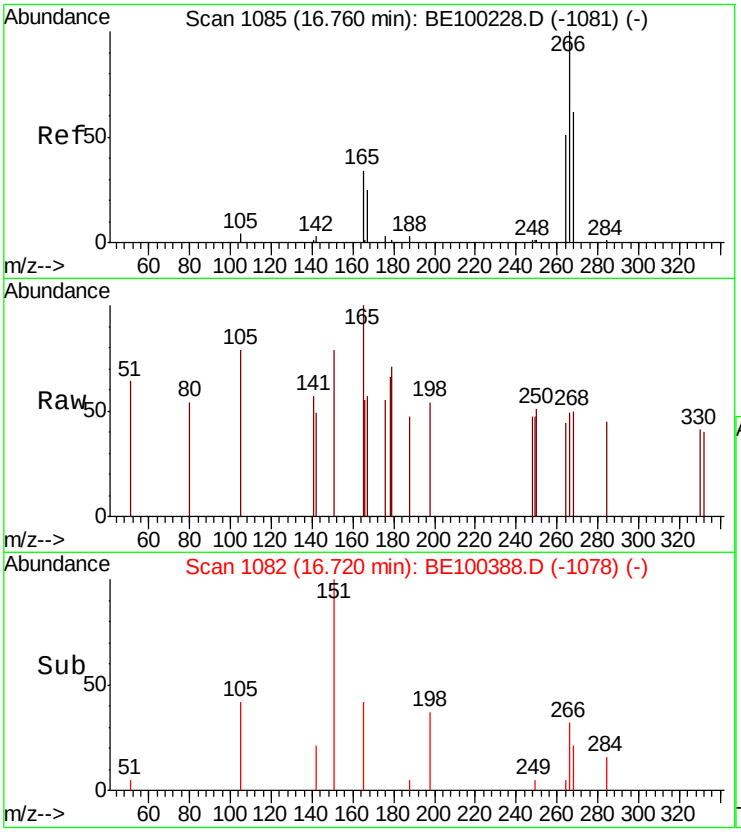


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:188 Resp: 5225

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.6	11.4



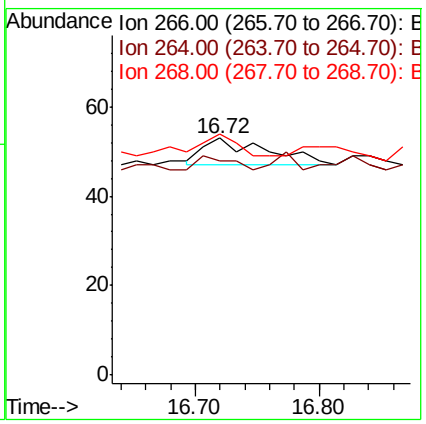


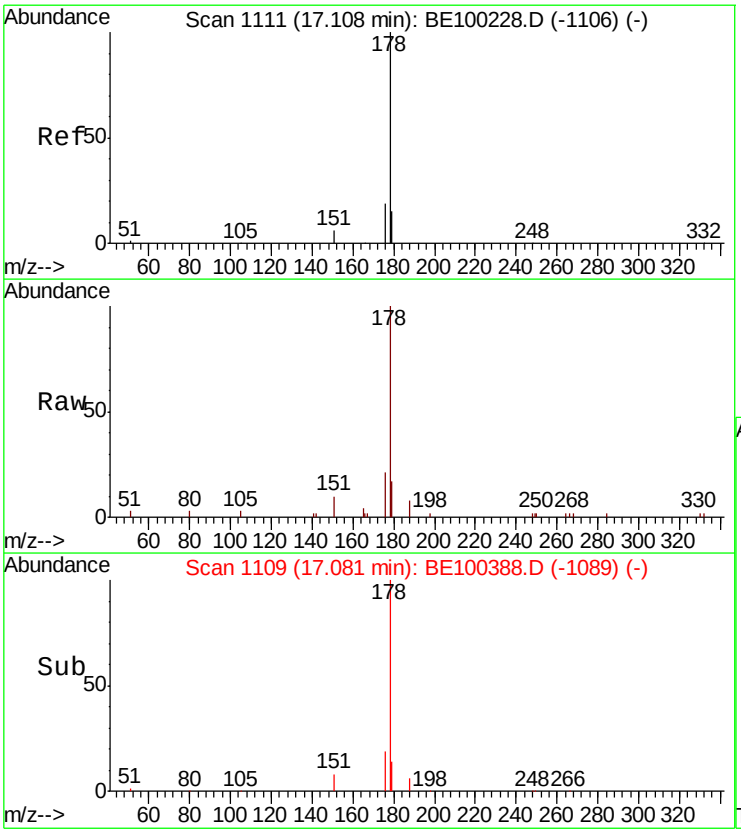
#22
Pentachlorophenol
Concen: 0.021 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	90.6	56.2	84.2#
268	101.9	61.8	92.6#

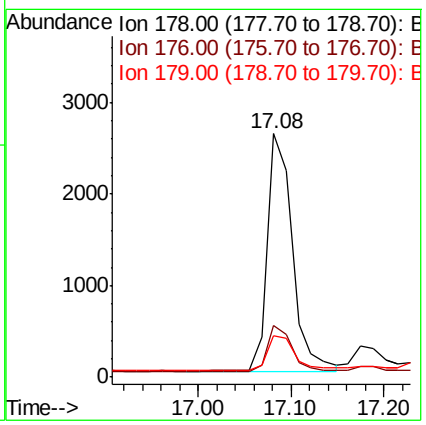


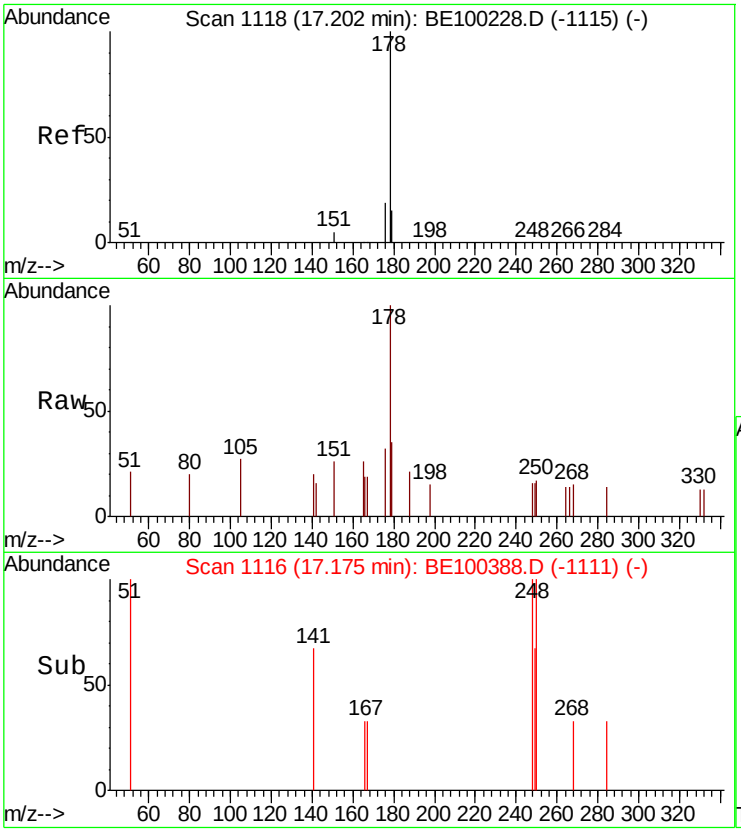


#23
Phenanthrene
Concen: 0.385 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:178 Resp: 4873

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	17.5	12.2	18.2



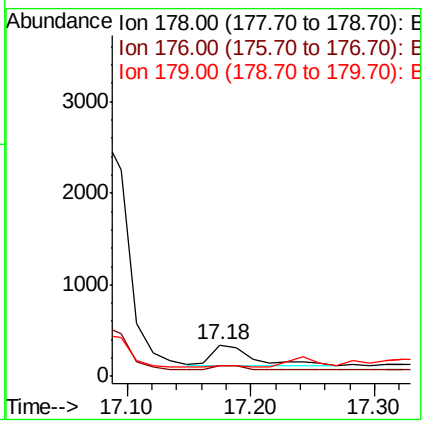


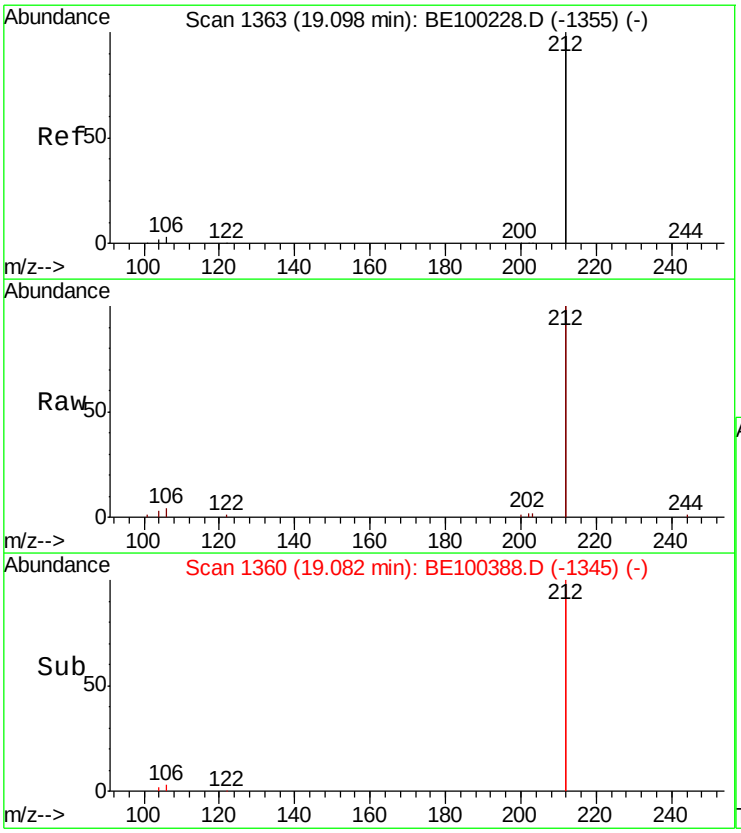
#24
Anthracene
Concen: 0.046 ng
RT: 17.18 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:178 Resp: 525

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	7.0	12.2	18.2#

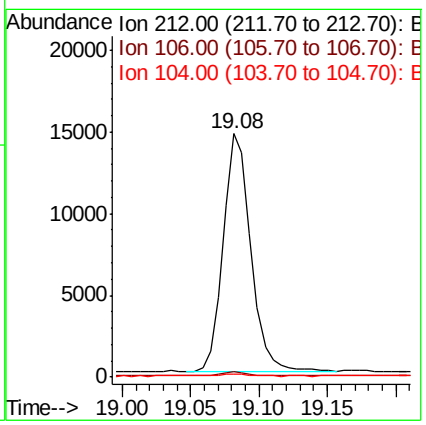


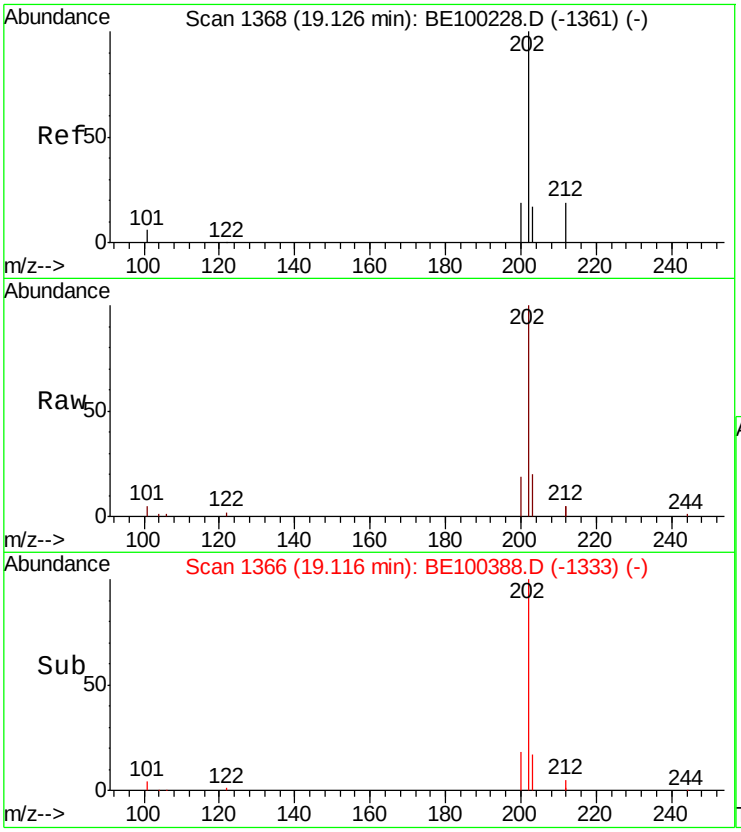


#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:212 Resp: 20591

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2



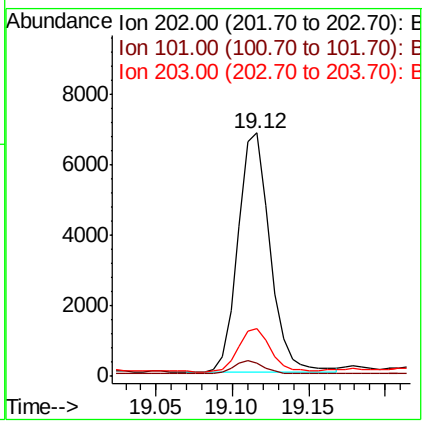


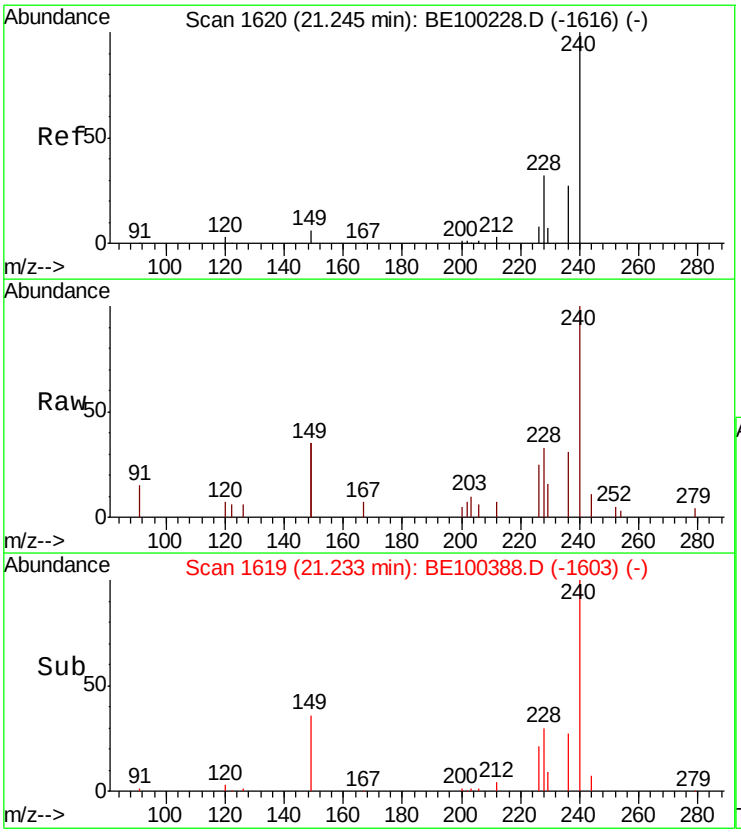
#26
Fluoranthene
Concen: 0.491 ng
RT: 19.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:202 Resp: 9904

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.8	13.7	20.5

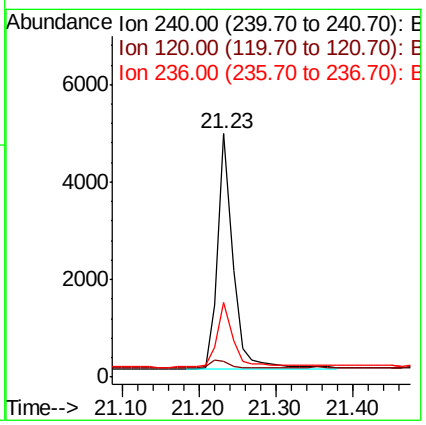


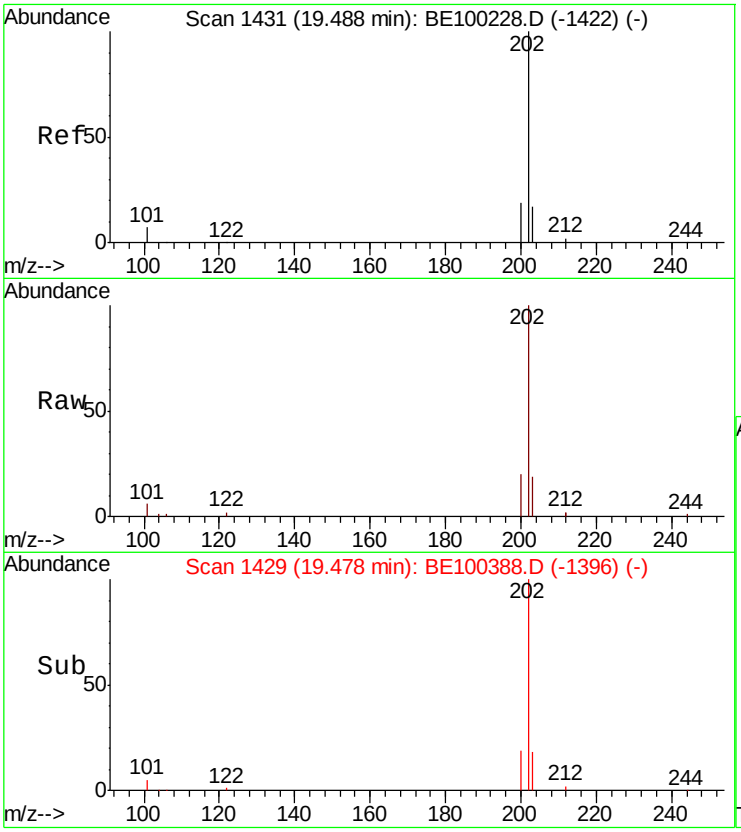


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:240 Resp: 6868

Ion	Ratio	Lower	Upper
240	100		
120	6.5	3.3	4.9#
236	30.6	22.6	34.0



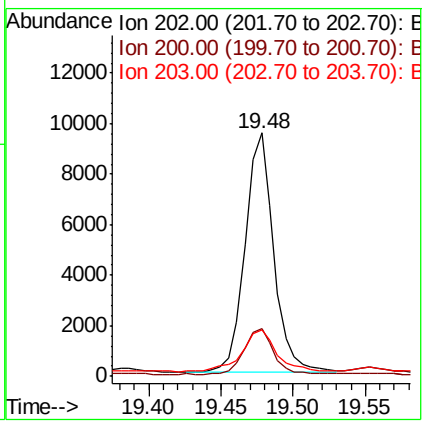


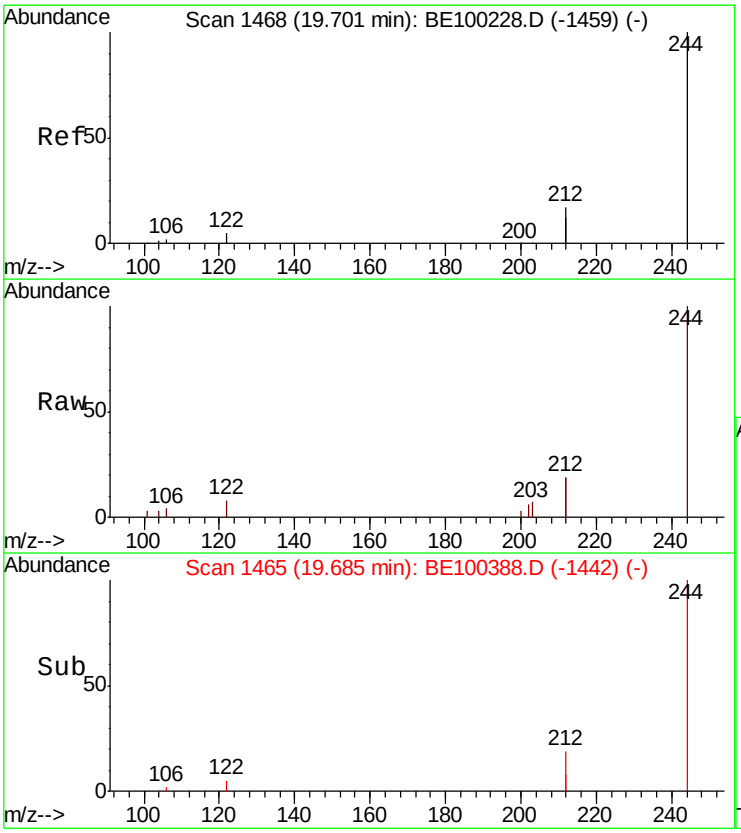
#28
Pyrene
Concen: 0.731 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:202 Resp: 13284

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.5	14.0	21.0

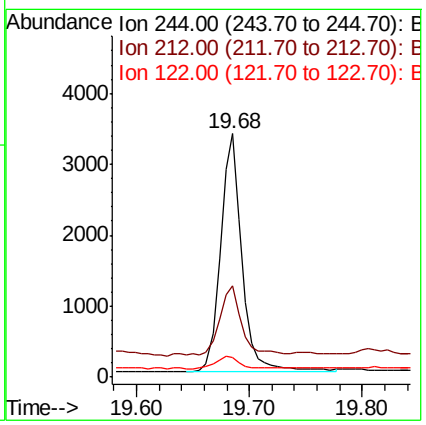


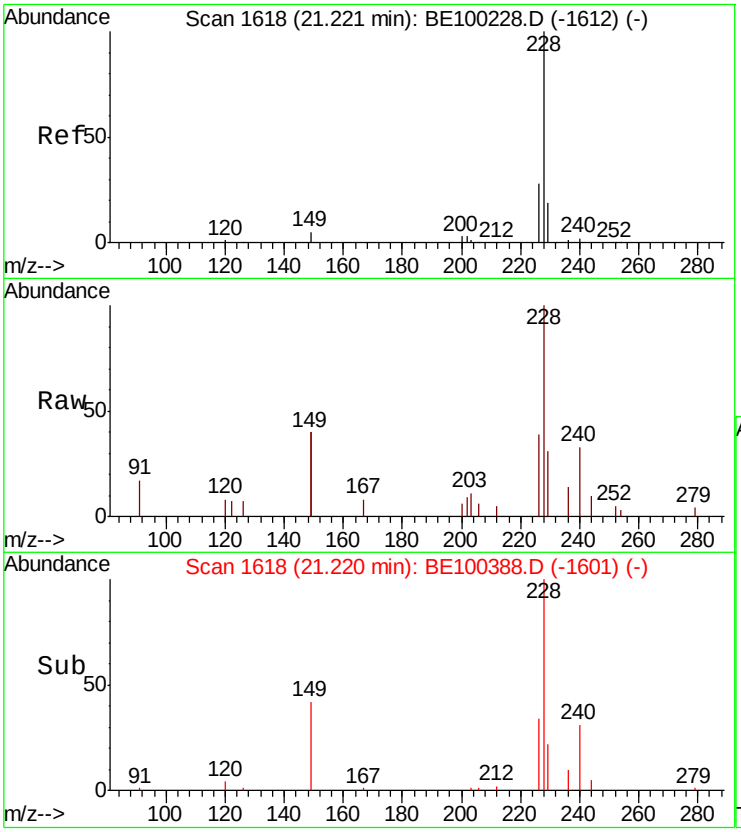


#29
Terphenyl-d14
Concen: 0.309 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:244 Resp: 4399

Ion	Ratio	Lower	Upper
244	100		
212	37.5	27.3	40.9
122	8.0	4.7	7.1#



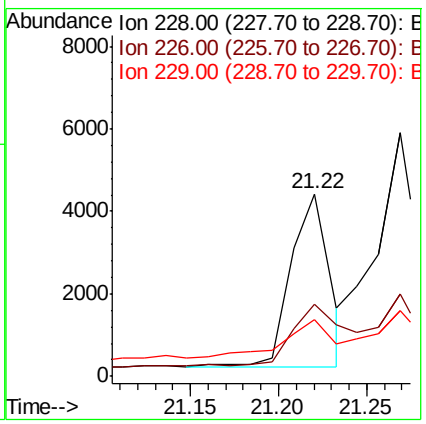


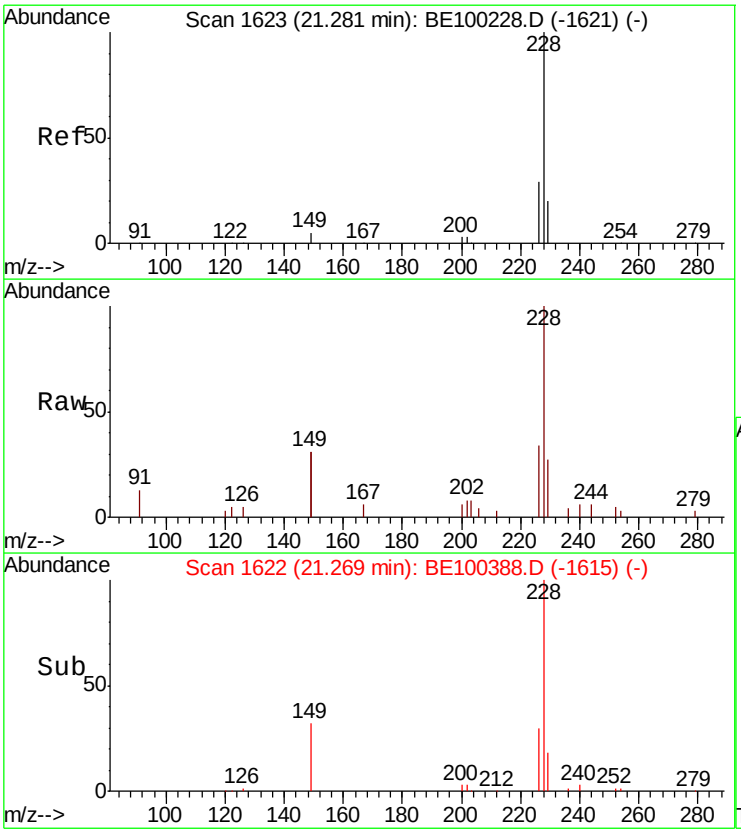
#30
Benzo(a)anthracene
Concen: 0.288 ng
RT: 21.22 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:228 Resp: 6496

Ion	Ratio	Lower	Upper
228	100		
226	39.2	23.2	34.8#
229	30.9	15.7	23.5#

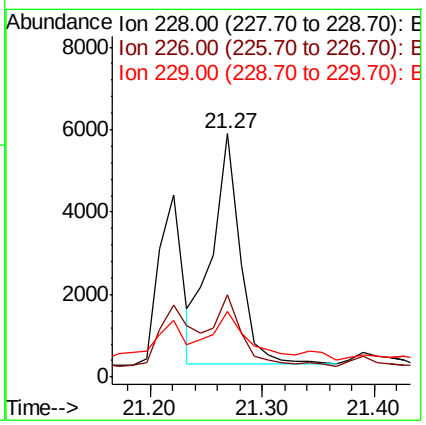


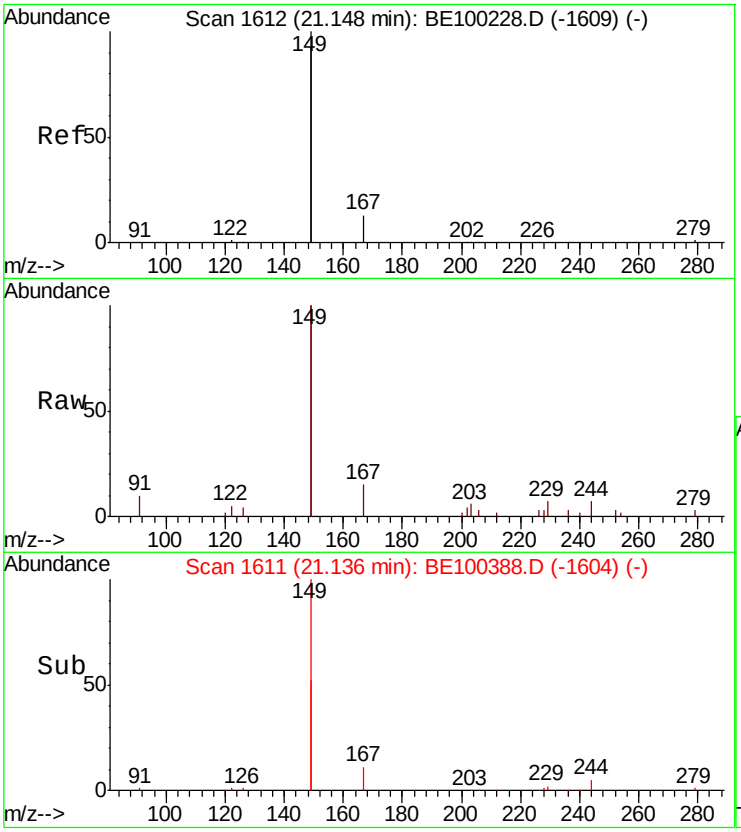


#31
Chrysene
Concen: 0.434 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:228 Resp: 9835

Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.9	35.9
229	27.2	16.5	24.7#



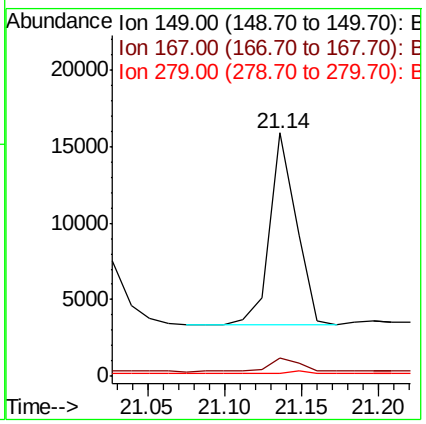


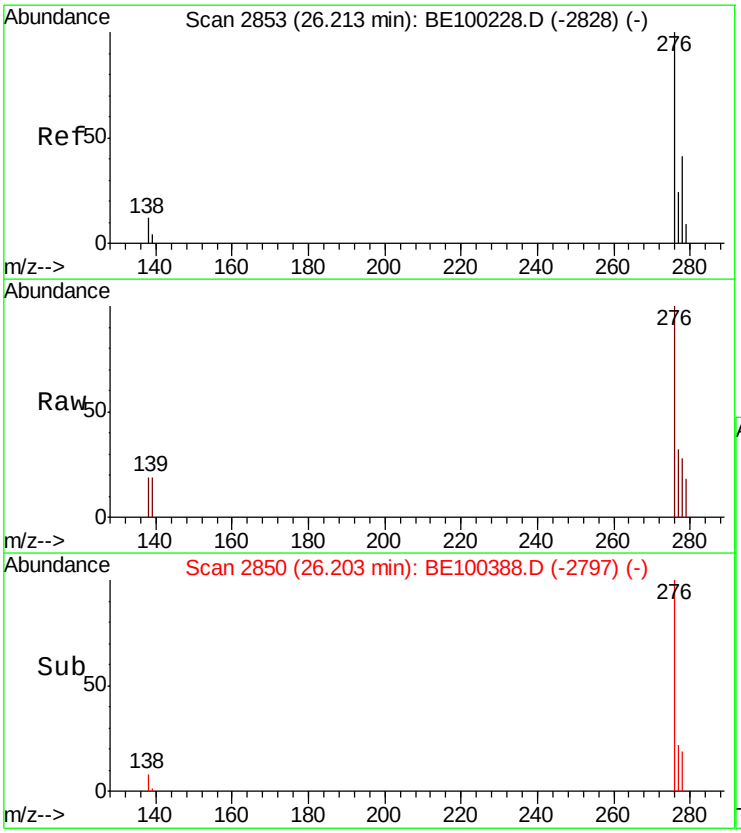
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.416 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:149 Resp: 15101

Ion	Ratio	Lower	Upper
149	100		
167	8.5	5.8	8.8
279	1.5	1.1	1.7

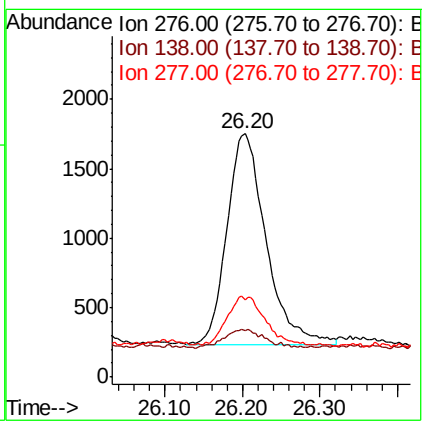


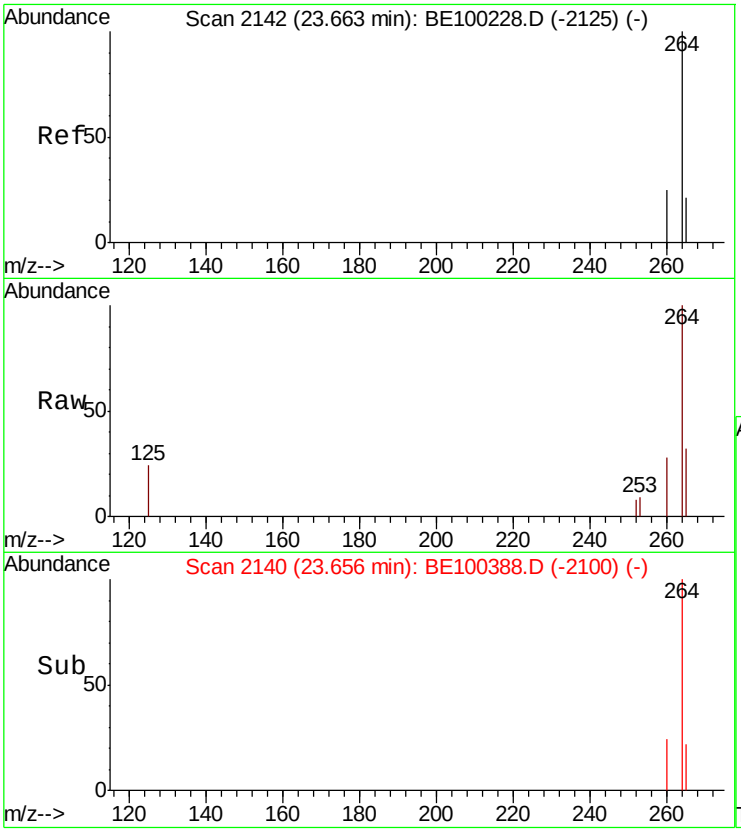


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng
RT: 26.20 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:276 Resp: 5309

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.4	14.0#
277	22.6	19.2	28.8



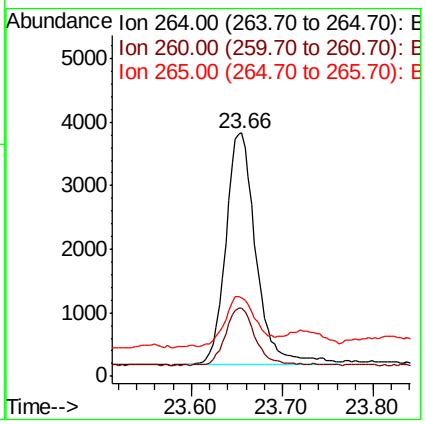


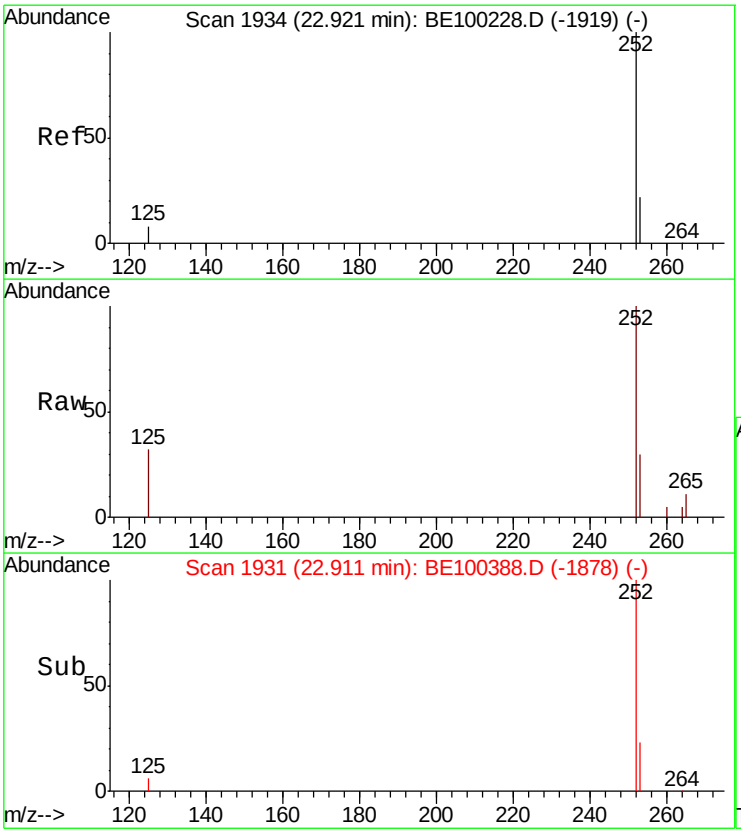
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:264 Resp: 8439

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.8	31.2
265	32.3	21.8	32.6

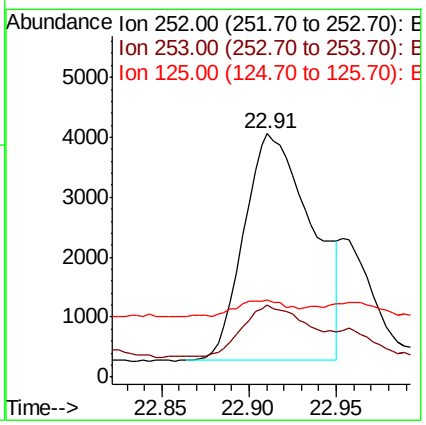


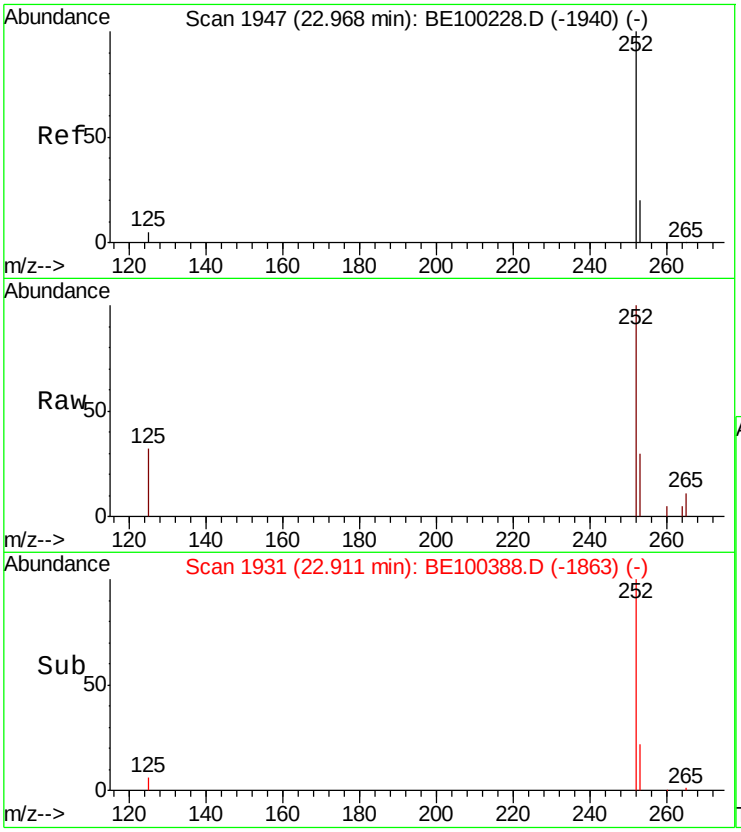


#35
Benzo(b)fluoranthene
Concen: 0.450 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:252 Resp: 10296

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.2	28.8#
125	31.6	7.4	11.0#



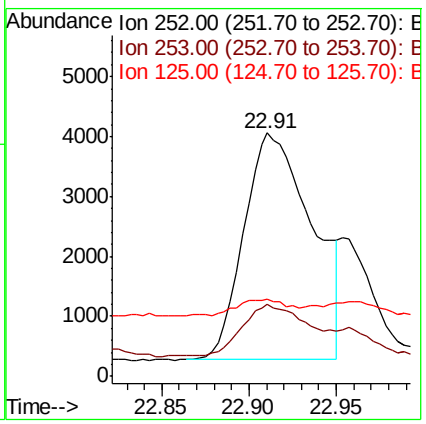


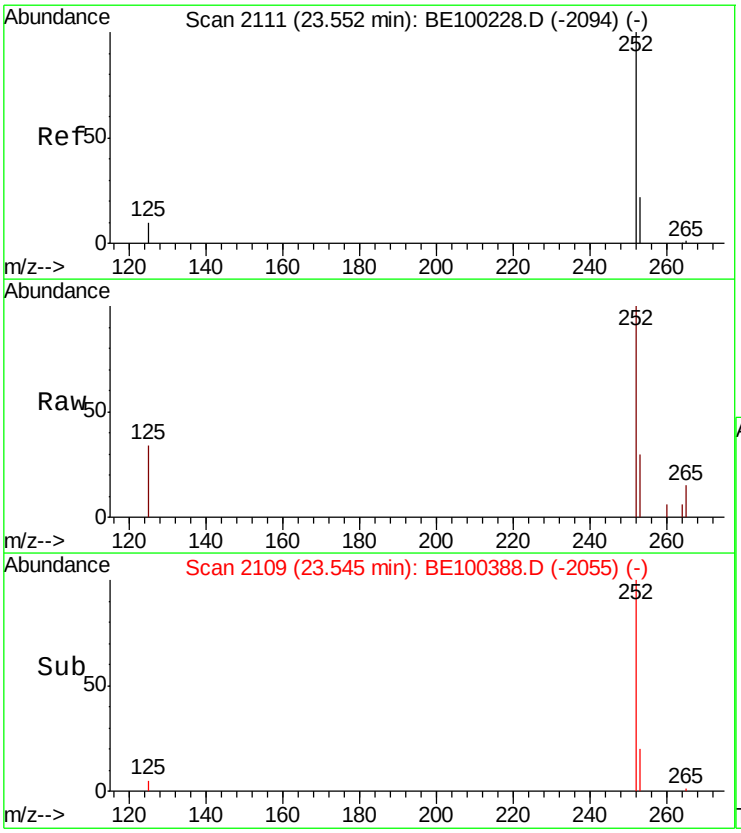
#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:252 Resp: 10296

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.9	26.9#
125	31.6	5.0	7.4#

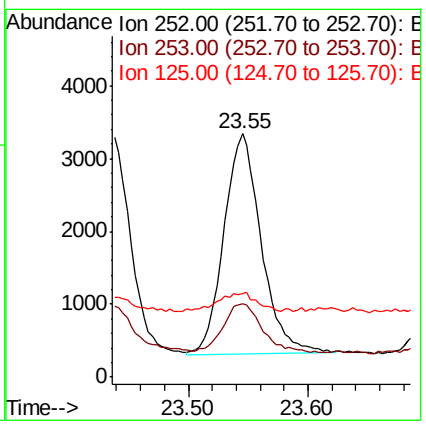


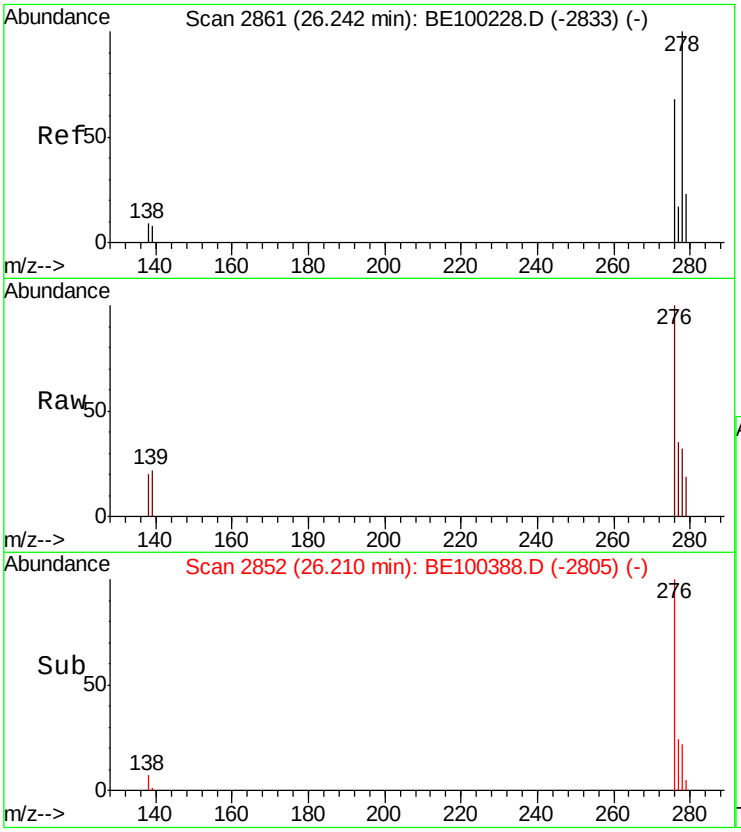


#37
Benzo(a)pyrene
Concen: 0.285 ng
RT: 23.55 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:252 Resp: 6533

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.6	29.4#
125	34.4	9.0	13.6#



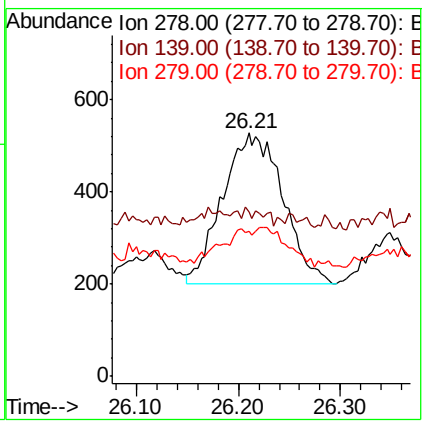


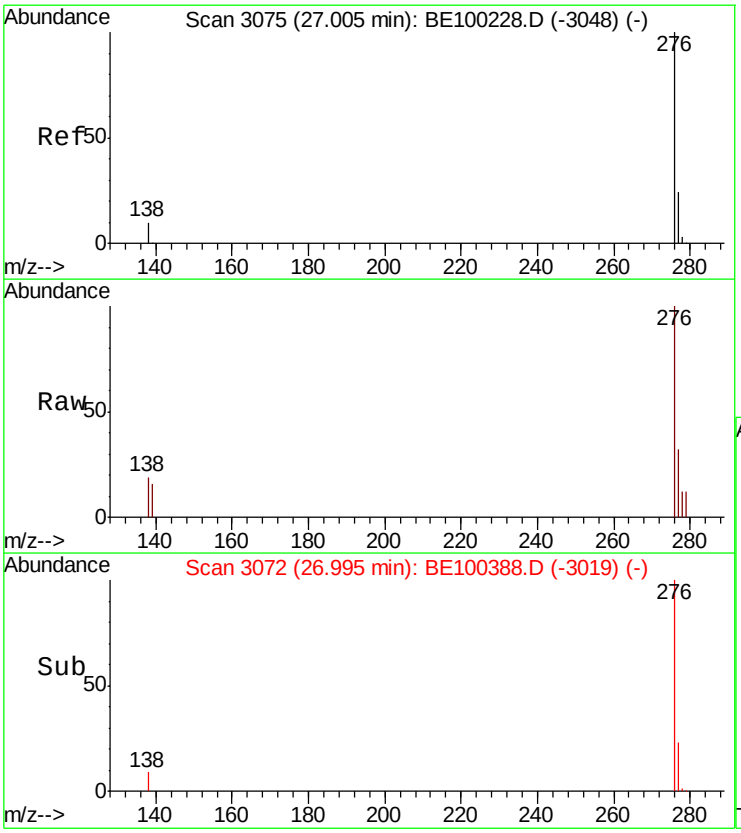
#38
Dibenzo(a,h)anthracene
Concen: 0.056 ng
RT: 26.21 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW142-062419

Tgt Ion:278 Resp: 1333

Ion	Ratio	Lower	Upper
278	100		
139	67.6	8.2	12.2#
279	59.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.255 ng
RT: 26.99 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BE100388.D
Acq: 5 Jul 2019 19:10

Tgt Ion:276 Resp: 6263

Ion	Ratio	Lower	Upper
276	100		
277	32.4	20.2	30.2#
138	19.4	9.0	13.6#