Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100391.D
Acq On : 5 Jul 2019 20:57
Operator : JU/SJ
Sample : K3560-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-009-SW134-062419

Quant Time: Jul 06 00:14:20 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	825	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	2759	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	2190	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	6439	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	8465	0.40	ng		-0.01
34) Perylene-d12	23.65	264	9965	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	863	0.41	ng		-0.02
5) Phenol-d6	6.81	99	1047	0.38	ng		-0.02
8) Nitrobenzene-d5	8.79	82	700	0.26	ng		-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1856	0.36	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	610	0.40	ng		-0.03
15) 2-Fluorobiphenyl	12.93	172	2852	0.33	ng		-0.01
25) Fluoranthene-d10	19.08	212	27961	0.30	ng		-0.02
29) Terphenyl-d14	19.68	244	5280	0.30	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.47	128	722	0.024	ng	#	78
12) 2-Methylnaphthalene	12.11	142	154	0.029	ng	#	86
16) Acenaphthylene	14.02	152	881	0.084	ng		99
17) Acenaphthene	14.37	154	134	0.023	ng		87
18) Fluorene	15.34	166	381	0.043	ng	#	90
23) Phenanthrene	17.08	178	11076	0.710	ng		99
24) Anthracene	17.17	178	780	0.056	ng	#	81
26) Fluoranthene	19.12	202	15716	0.632	ng		98
28) Pyrene	19.48	202	24837	1.108	ng		97
30) Benzo(a)anthracene	21.22	228	9870	0.355	ng	#	85
31) Chrysene	21.27	228	14219	0.509	ng		94
32) Bis(2-ethylhexyl)phthalate	21.14	149	8436	0.157	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.21	276	5835	0.158	ng		96
35) Benzo(b)fluoranthene	22.91	252	11277	0.417	ng	#	92
36) Benzo(k)fluoranthene	22.91	252	11277	0.374	ng	#	87
37) Benzo(a)pyrene	23.44	252	7481	0.276	ng		93
38) Dibenzo(a,h)anthracene	26.22	278	1480	0.052	ng	#	35
39) Benzo(g,h,i)perylene	26.99	276	6928	0.238	ng	#	90

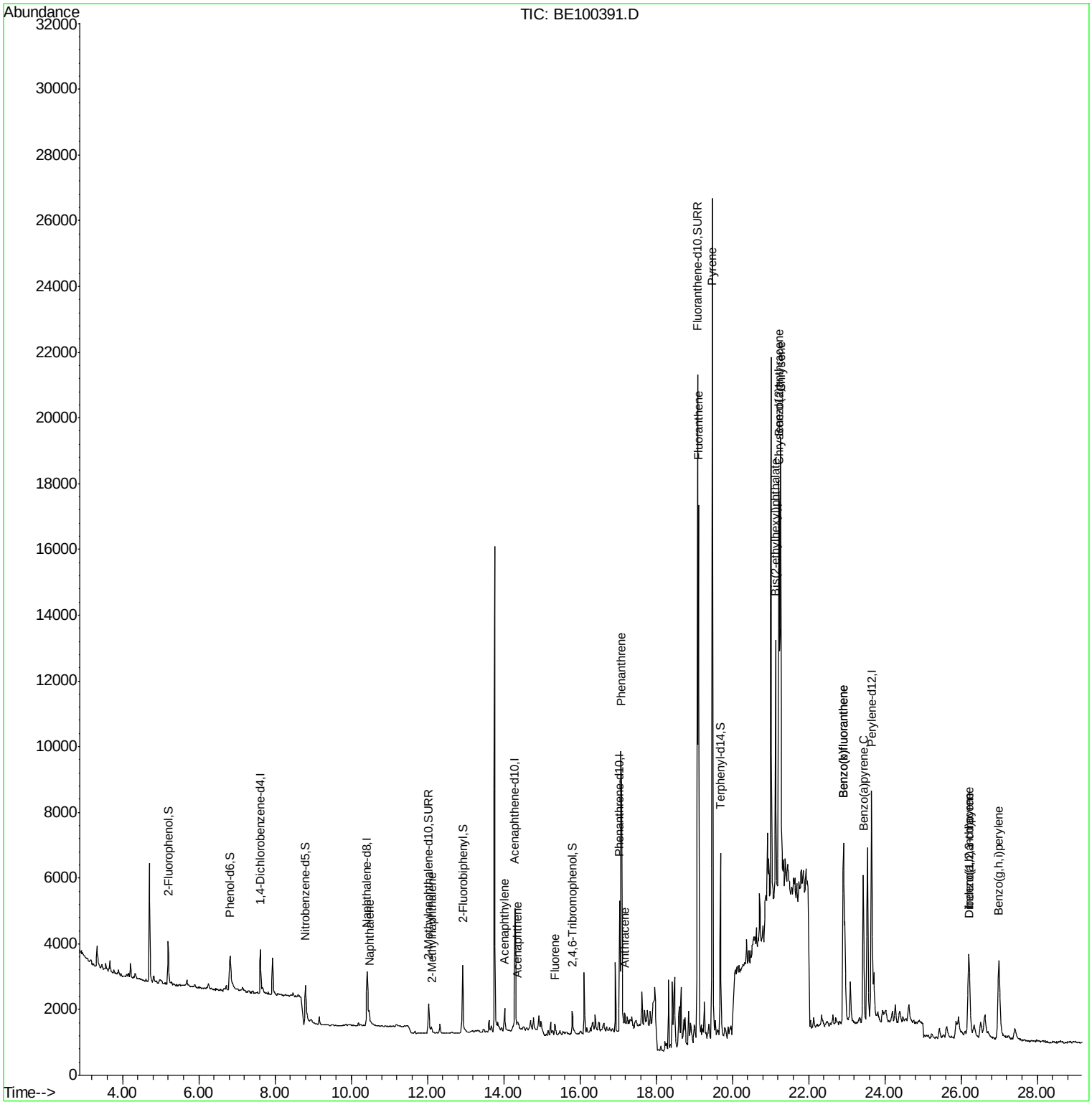
(#) = qualifier out of range (m) = manual integration (+) = signals summed

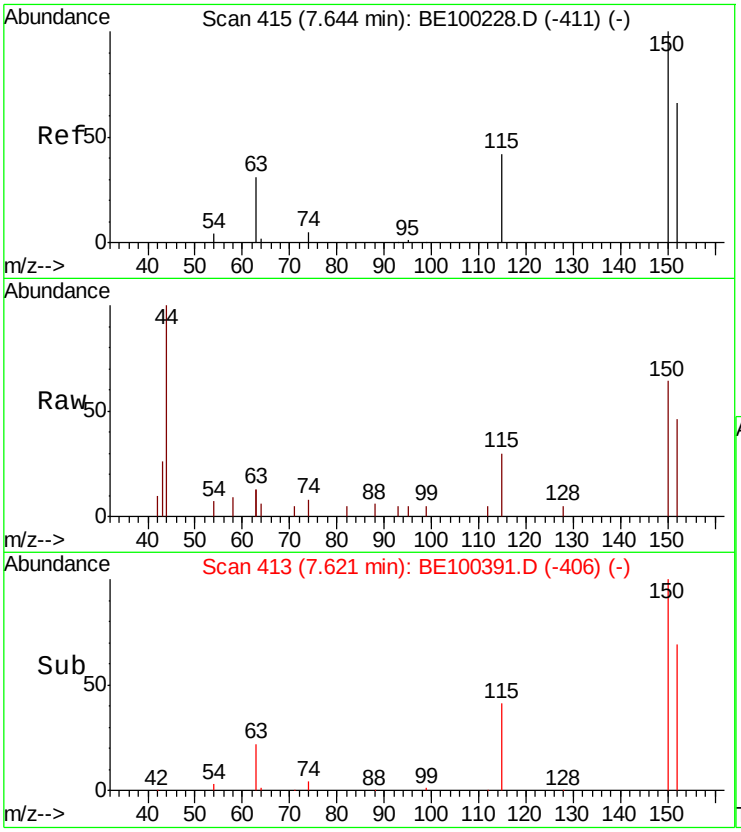
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100391.D
Acq On : 5 Jul 2019 20:57
Operator : JU/SJ
Sample : K3560-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Quant Time: Jul 06 00:14:20 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



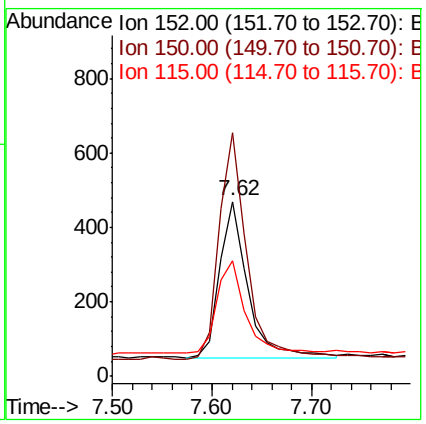


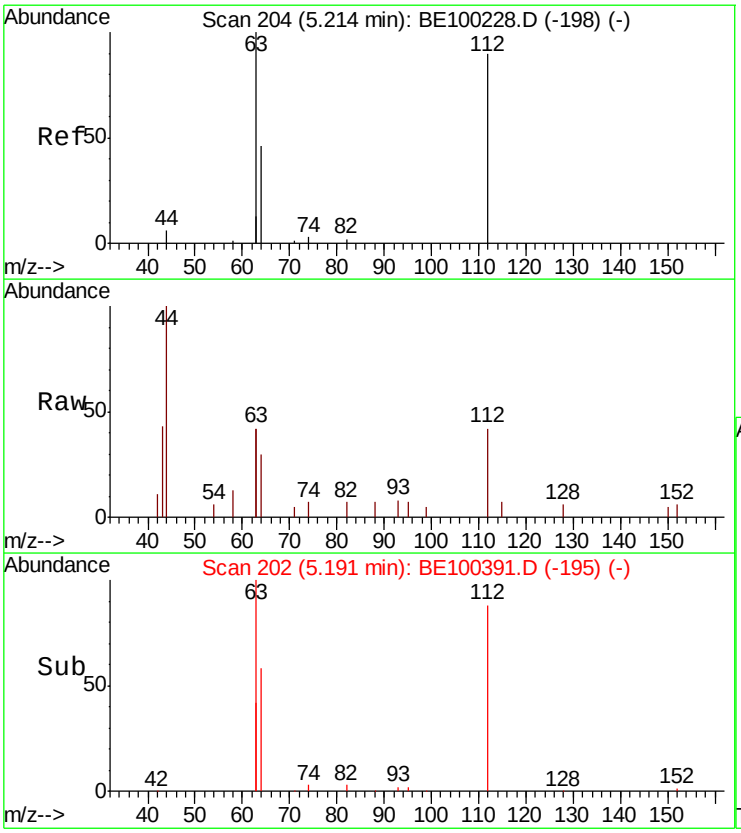
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:152 Resp: 825

Ion	Ratio	Lower	Upper
152	100		
150	139.4	114.5	171.7
115	66.3	57.1	85.7

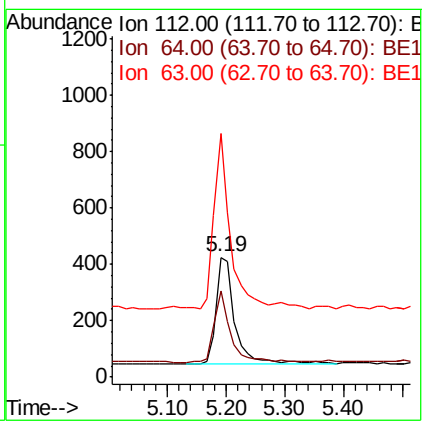


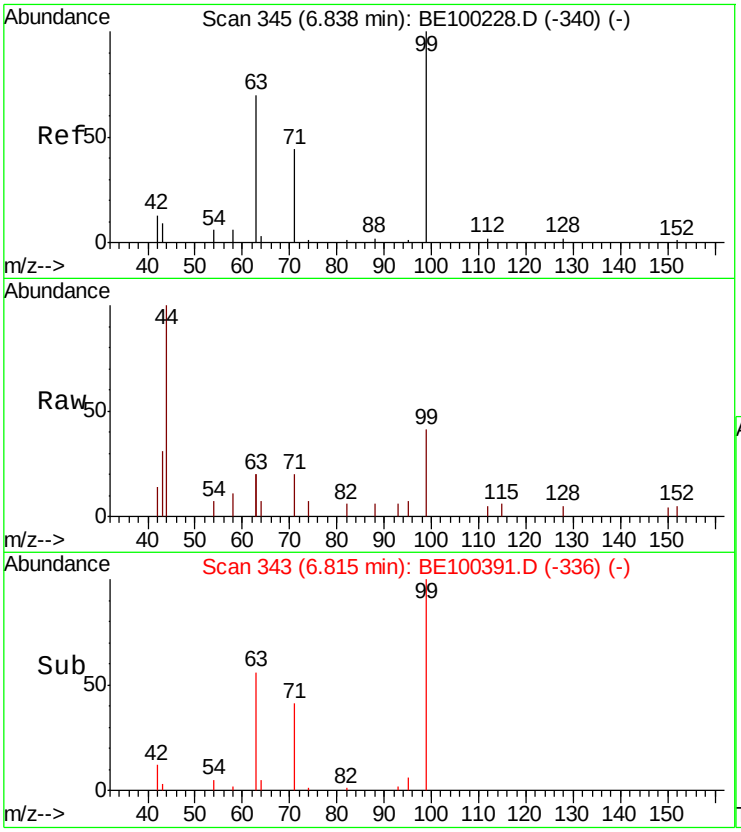


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:112 Resp: 863

Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.4	59.0
63	138.6	104.5	156.7



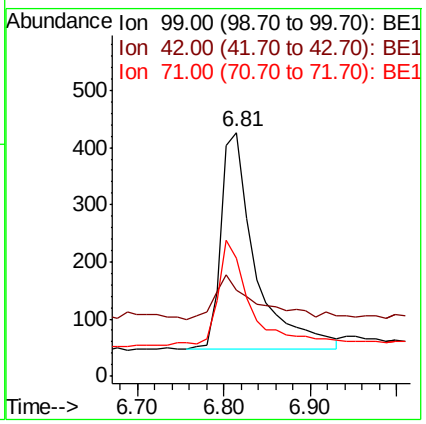


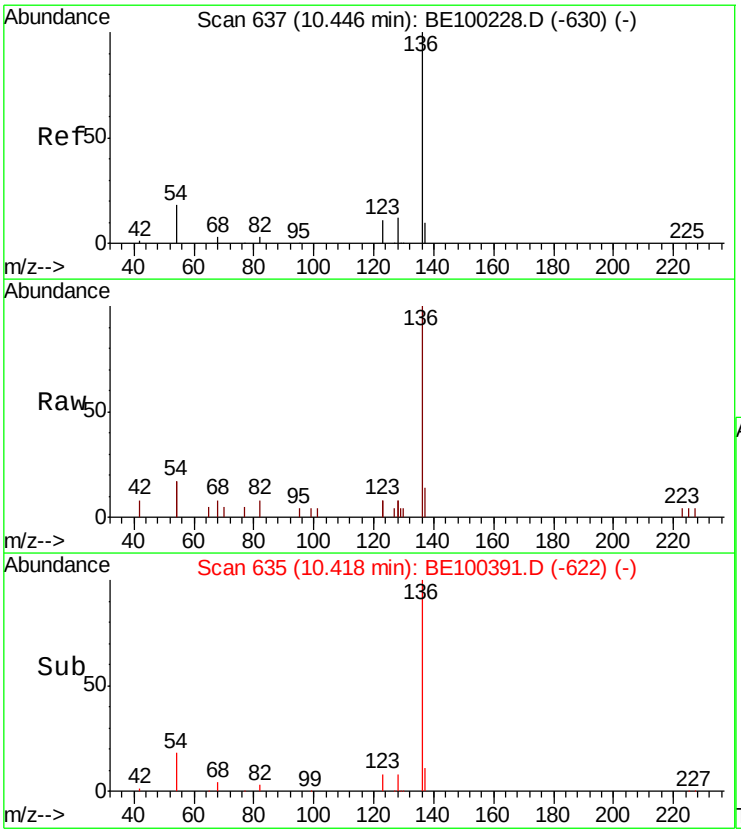
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.81 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion: 99 Resp: 1047

Ion	Ratio	Lower	Upper
99	100		
42	24.9	11.2	16.8#
71	48.8	37.2	55.8

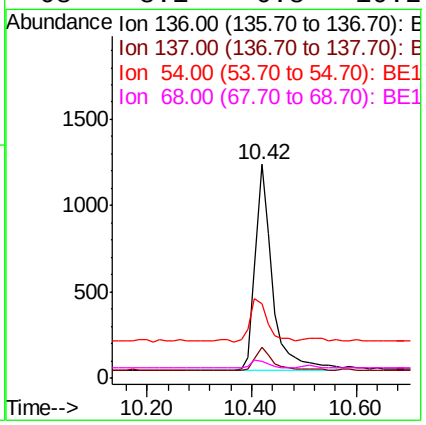


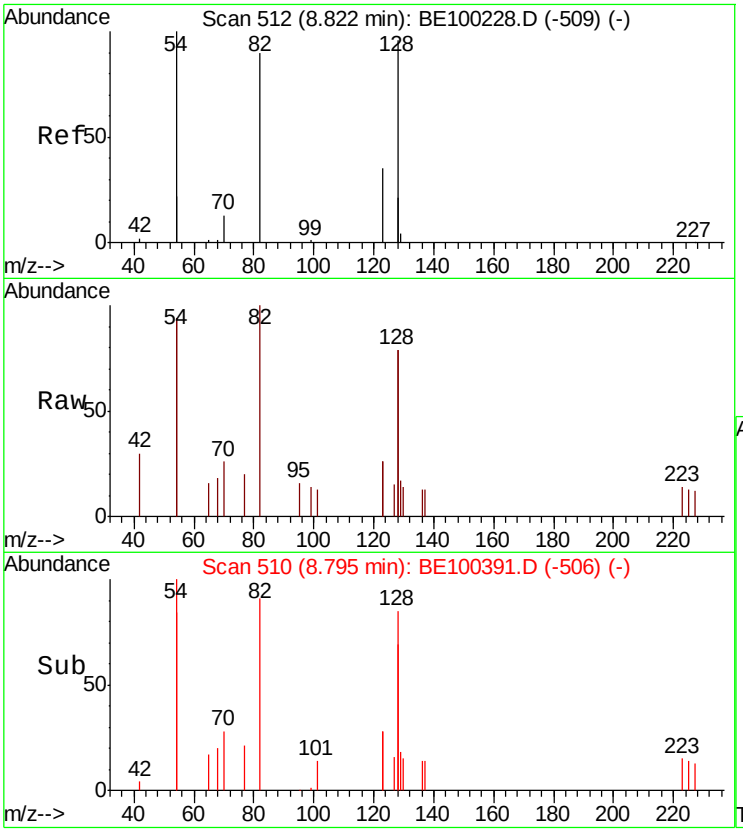


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:136 Resp: 2759

Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.8	17.8
54	34.5	27.7	41.5
68	8.1	6.8	10.2



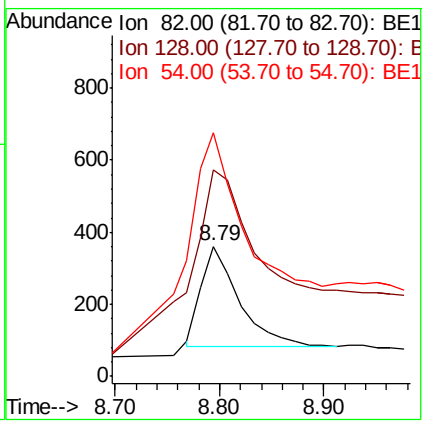


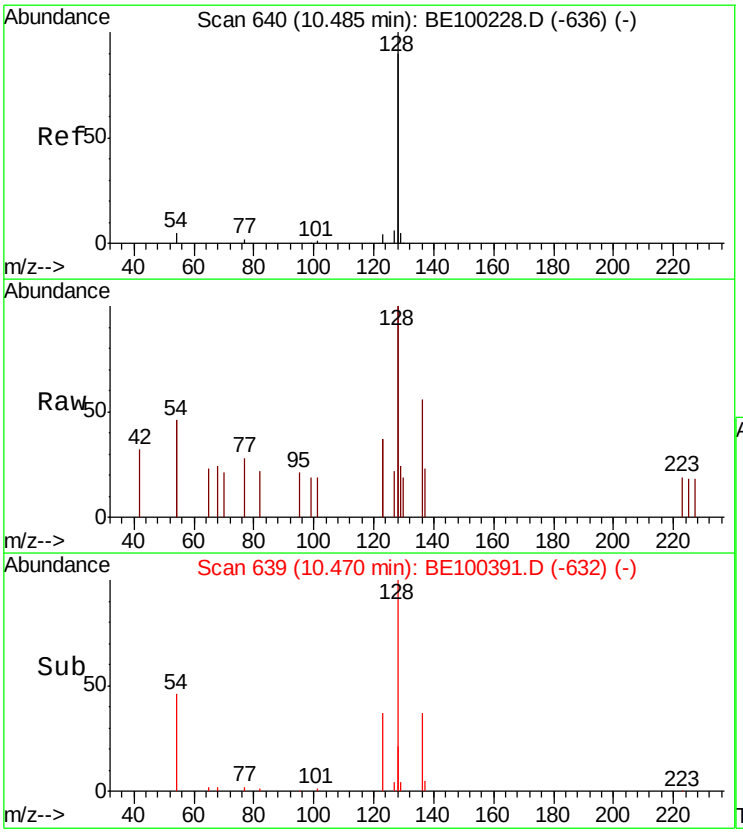
#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.79 min Scan# 510
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion: 82 Resp: 700

Ion	Ratio	Lower	Upper
82	100		
128	158.4	140.9	211.3
54	187.3	146.2	219.2

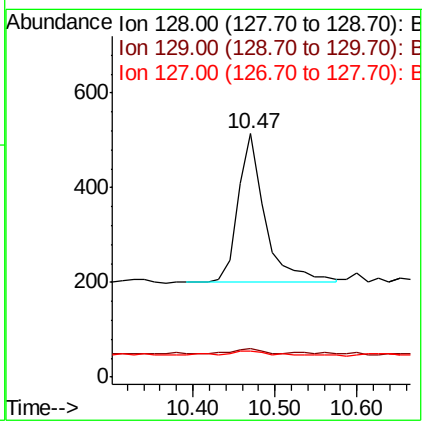


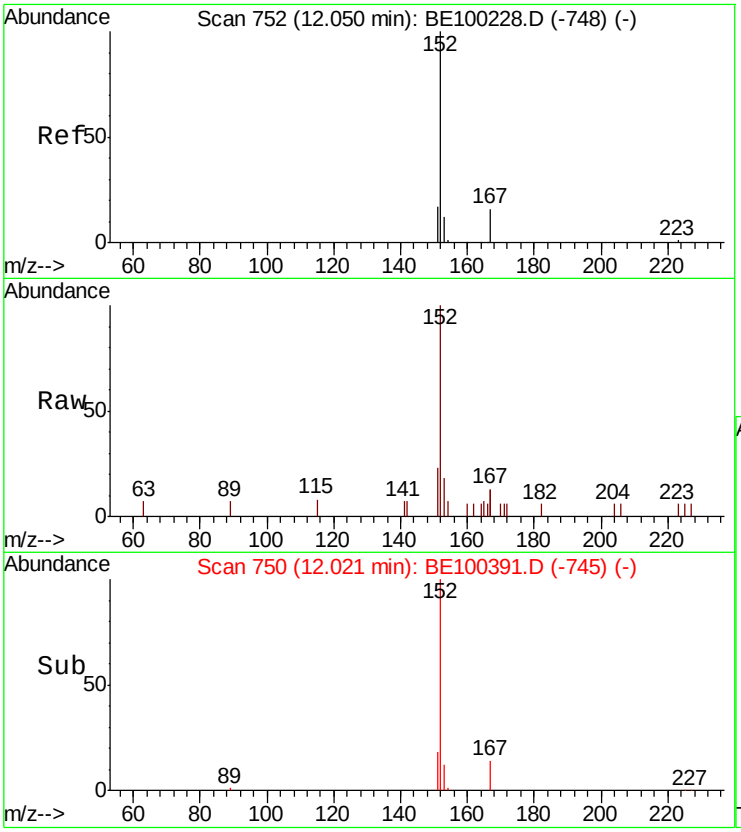


#9
Naphthalene
Concen: 0.024 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:128 Resp: 722

Ion	Ratio	Lower	Upper
128	100		
129	11.9	3.0	4.6#
127	10.9	3.5	5.3#



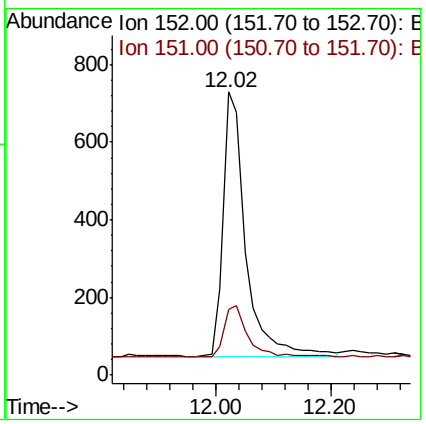


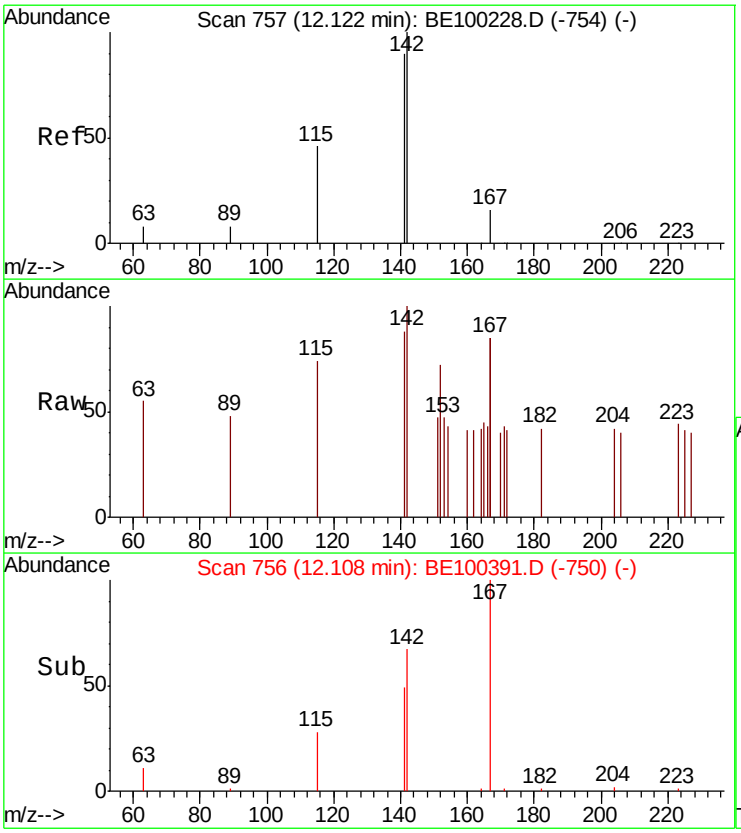
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.02 min Scan# 750
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:152 Resp: 1856

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.1	22.7

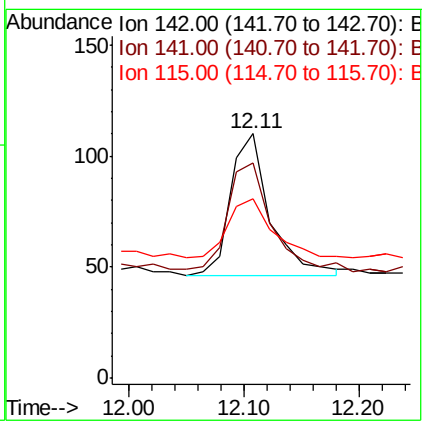


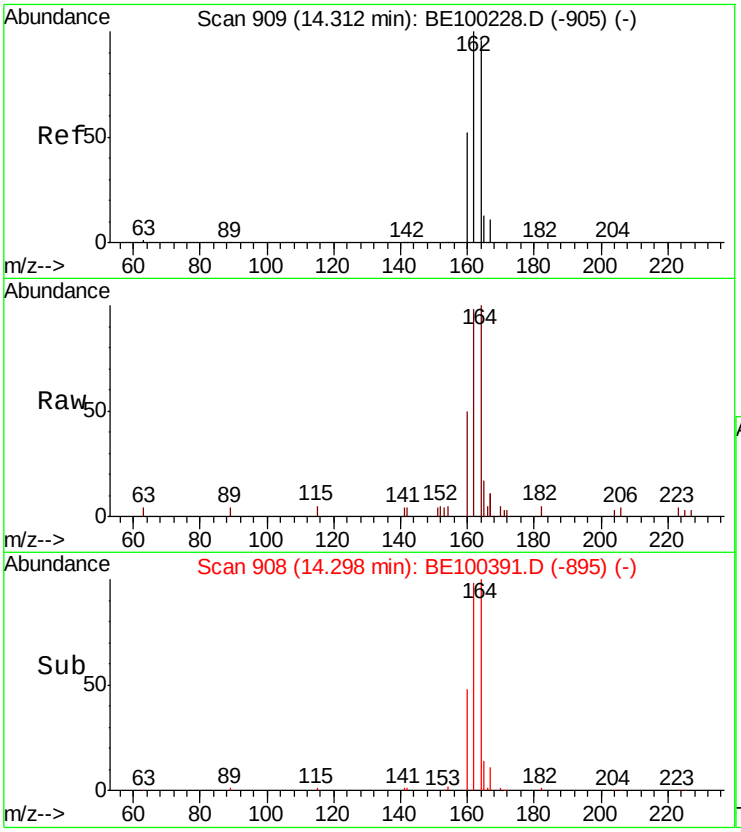


#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:142 Resp: 154

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.4	108.6
115	73.6	40.4	60.6#



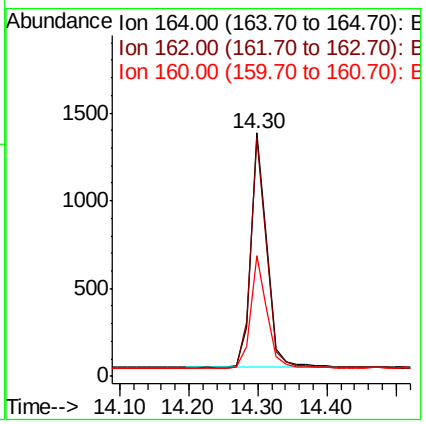


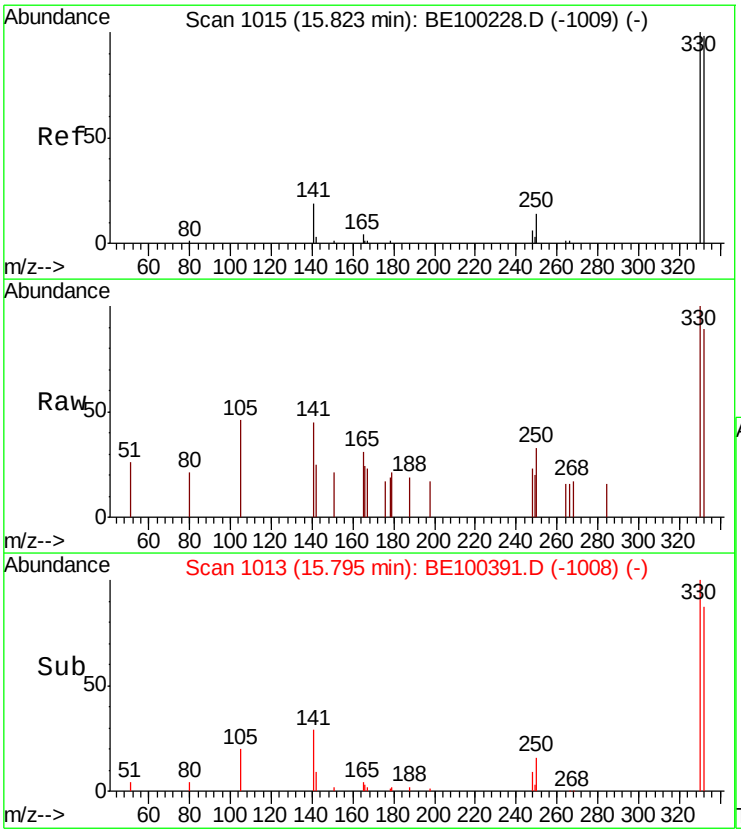
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:164 Resp: 2190

Ion	Ratio	Lower	Upper
164	100		
162	98.0	83.4	125.0
160	49.7	45.0	67.6

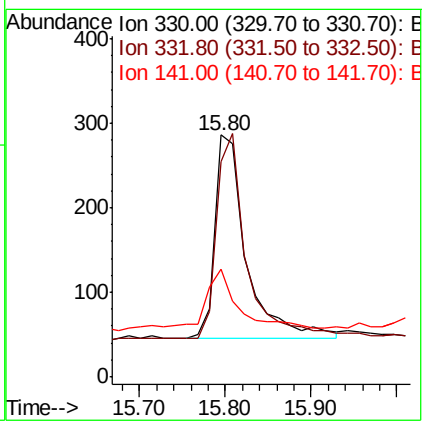


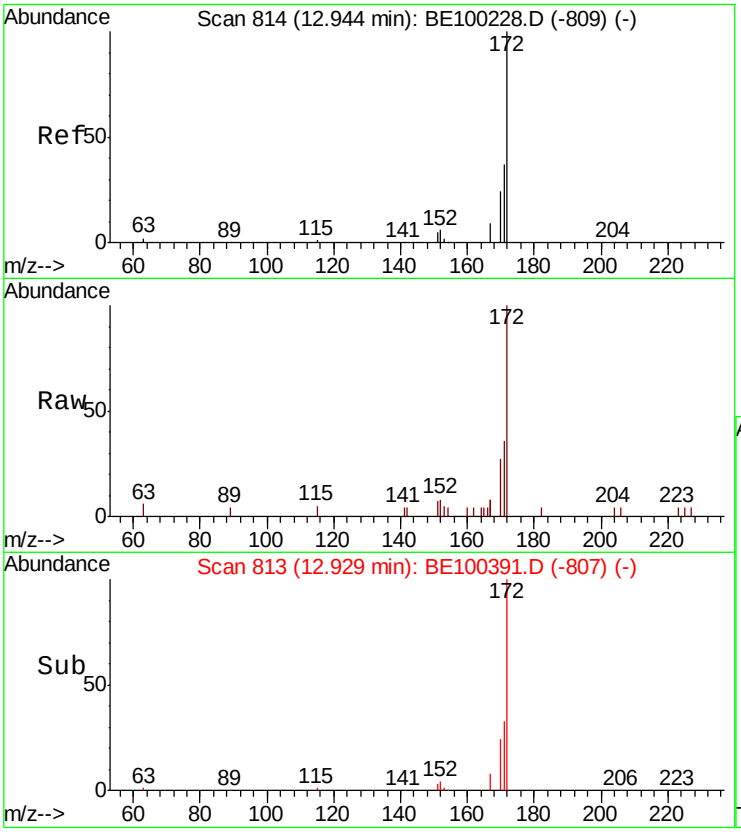


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:330 Resp: 610

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.4
141	27.5	22.0	33.0



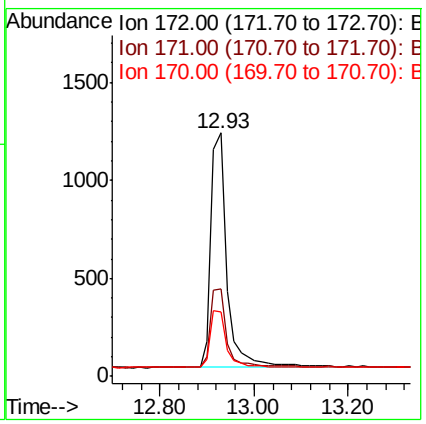


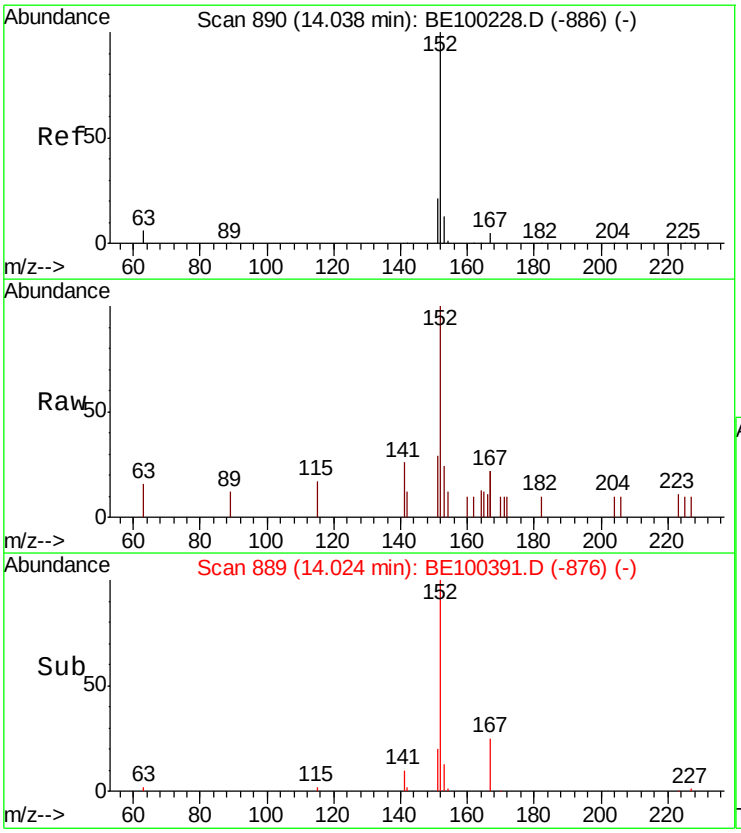
#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:172 Resp: 2852

Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.9	47.9
170	26.7	22.2	33.2

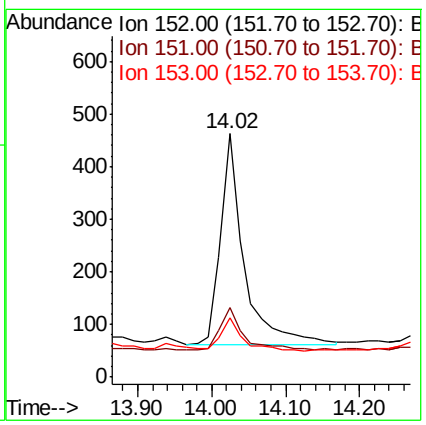


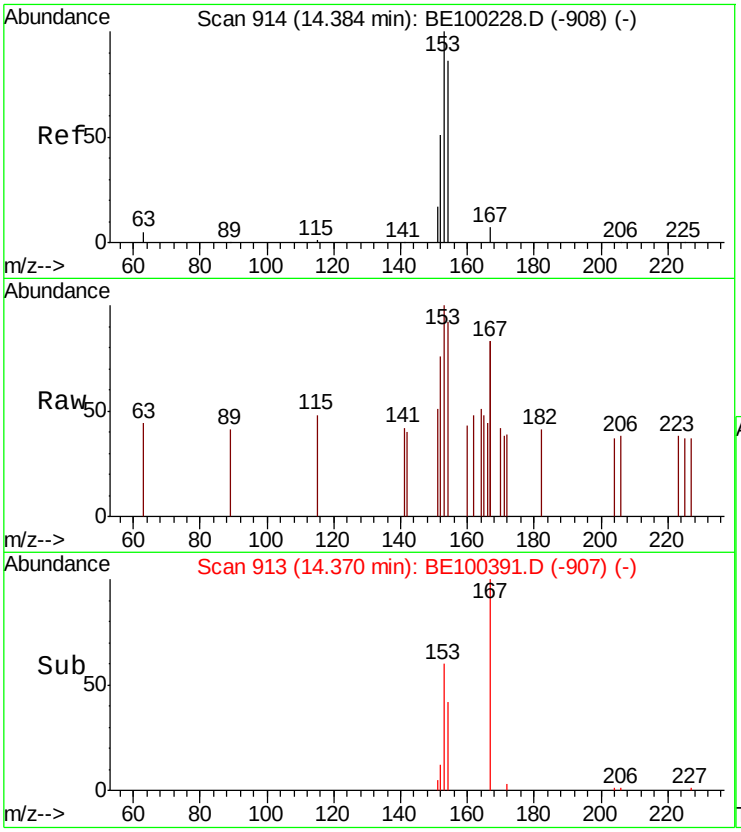


#16
Acenaphthylene
Concen: 0.084 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:152 Resp: 881

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	25.0
153	14.5	10.5	15.7



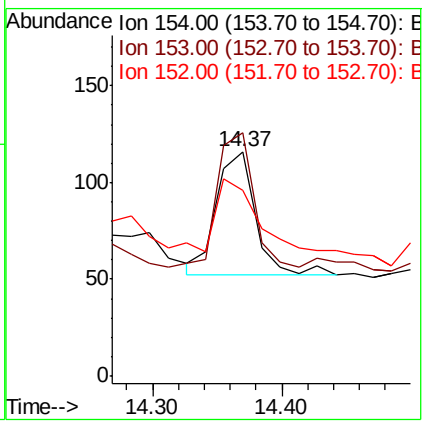


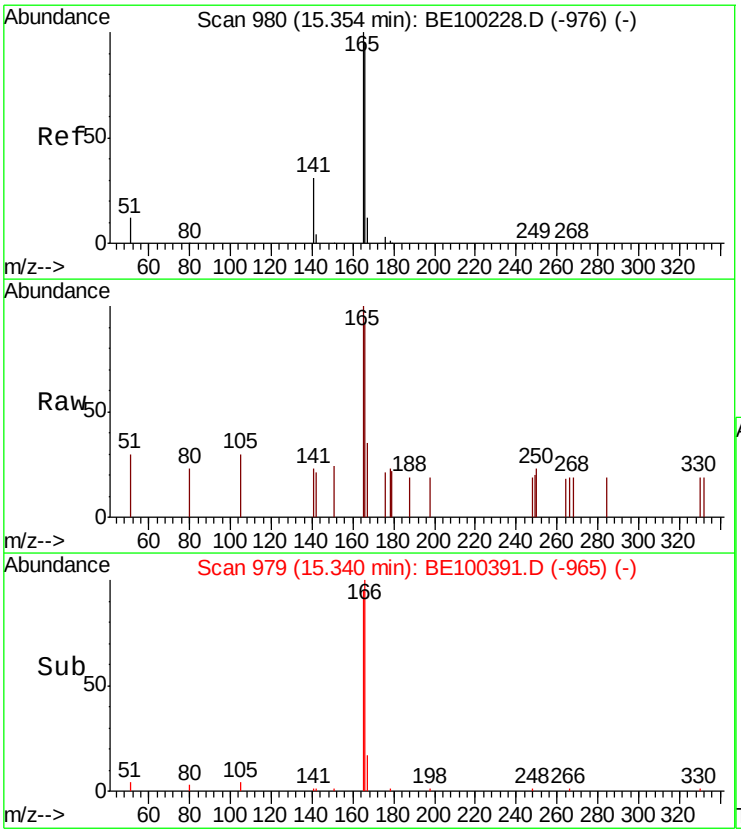
#17
Acenaphthene
Concen: 0.023 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:154 Resp: 134

Ion	Ratio	Lower	Upper
154	100		
153	100.0	93.4	140.2
152	68.7	49.4	74.2

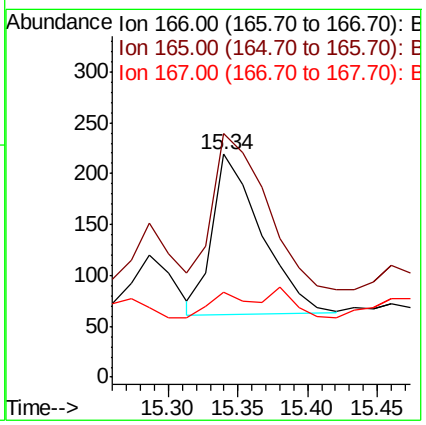


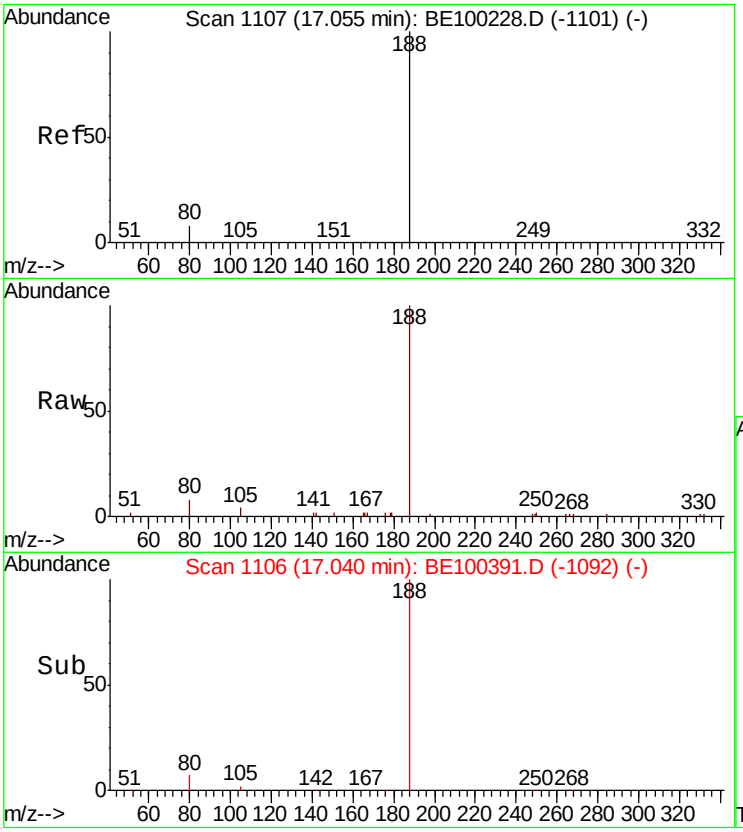


#18
Fluorene
Concen: 0.043 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:166 Resp: 381

Ion	Ratio	Lower	Upper
166	100		
165	108.9	81.1	121.7
167	0.0	10.7	16.1#



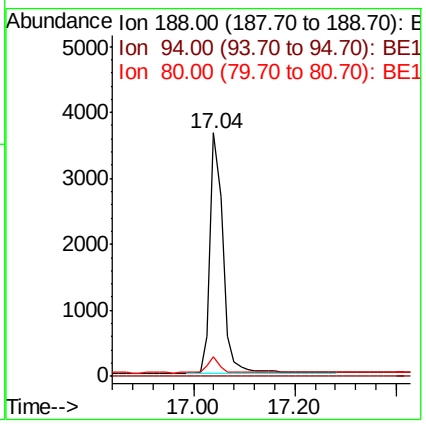


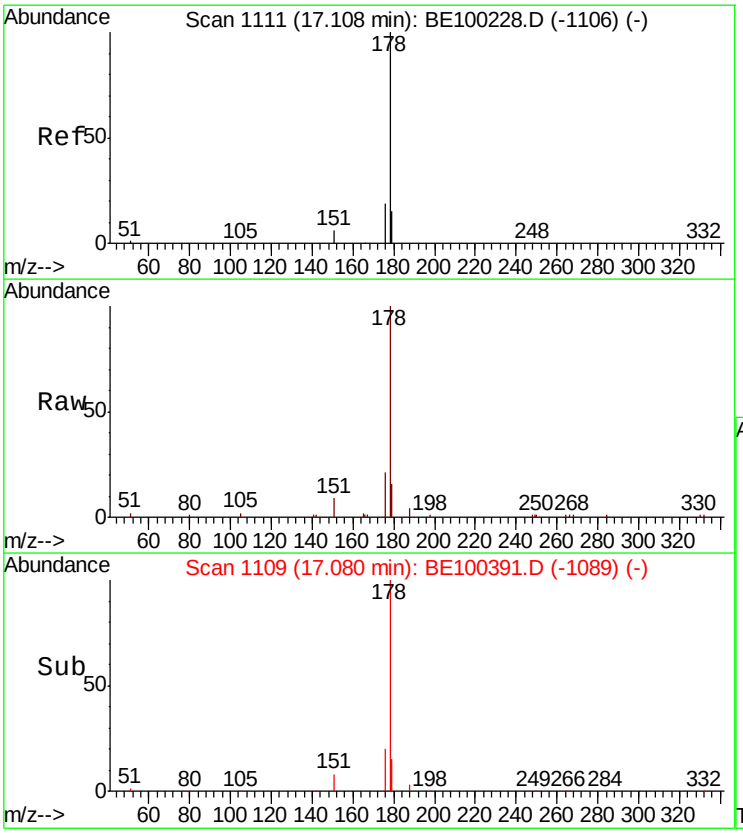
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:188 Resp: 6439

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.6	11.4

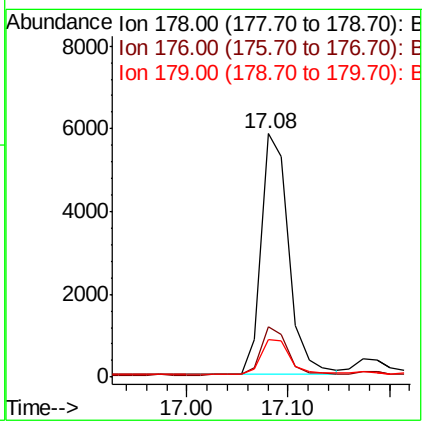


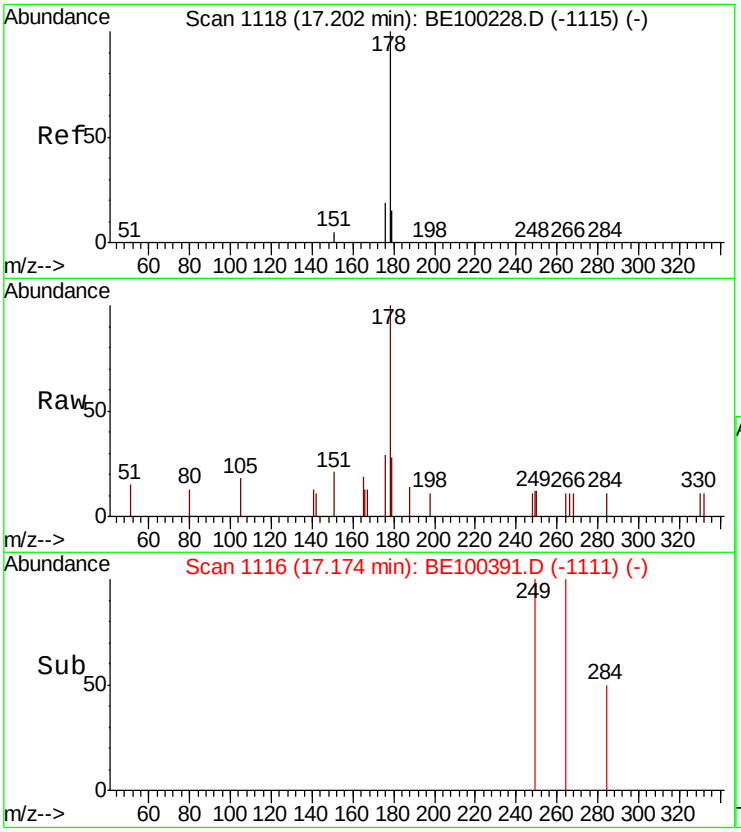


#23
Phenanthrene
Concen: 0.710 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:178 Resp: 11076

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.9	12.2	18.2



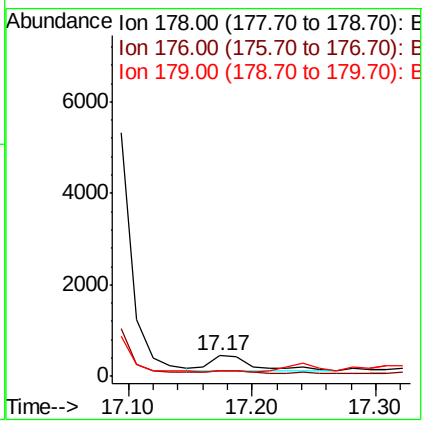


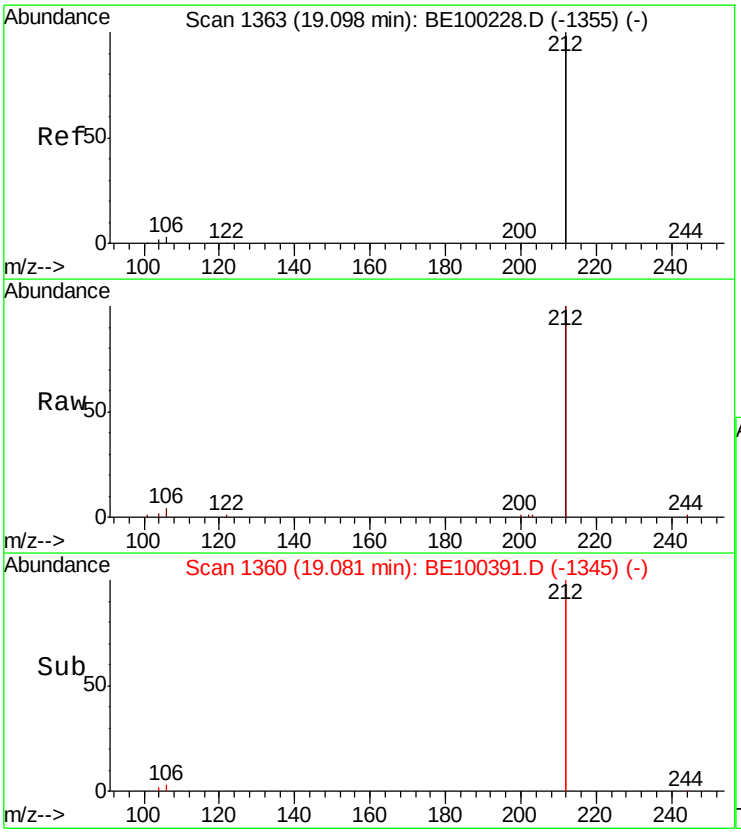
#24
Anthracene
Concen: 0.056 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:178 Resp: 780

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.3	22.9
179	0.0	12.2	18.2#

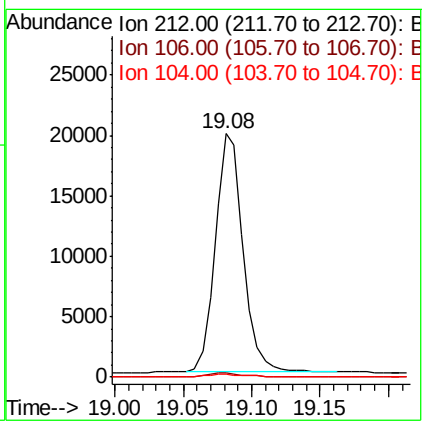


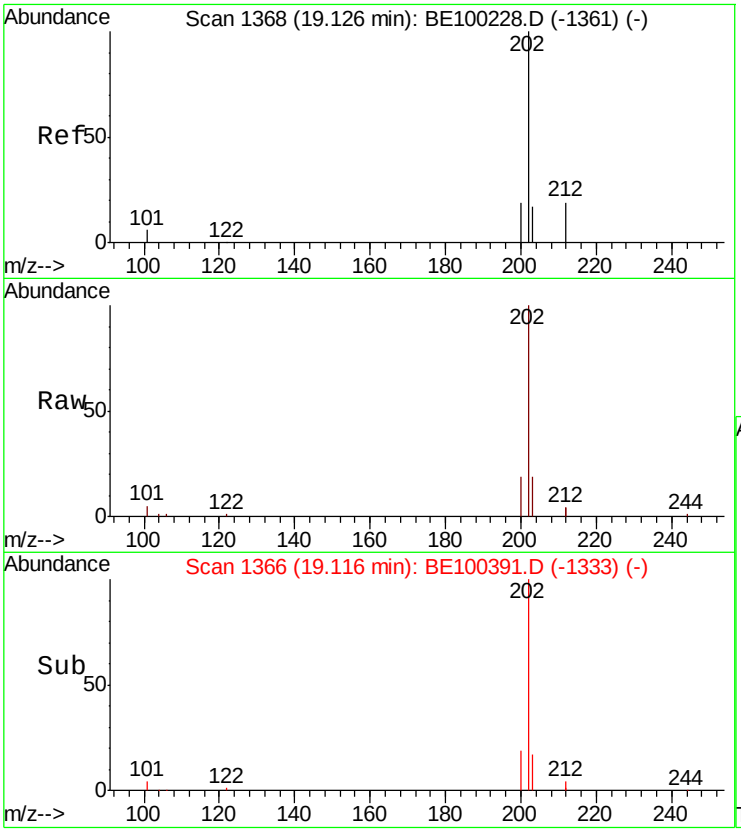


#25
Fluoranthene-d10
Concen: 0.299 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:212 Resp: 27961

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2



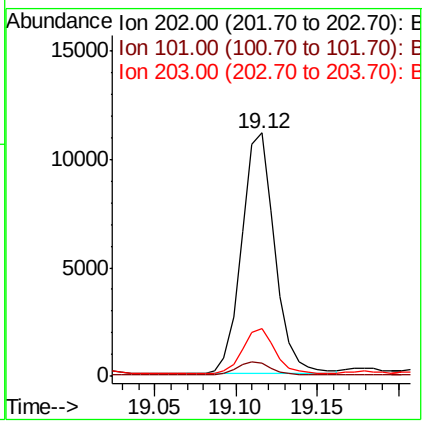


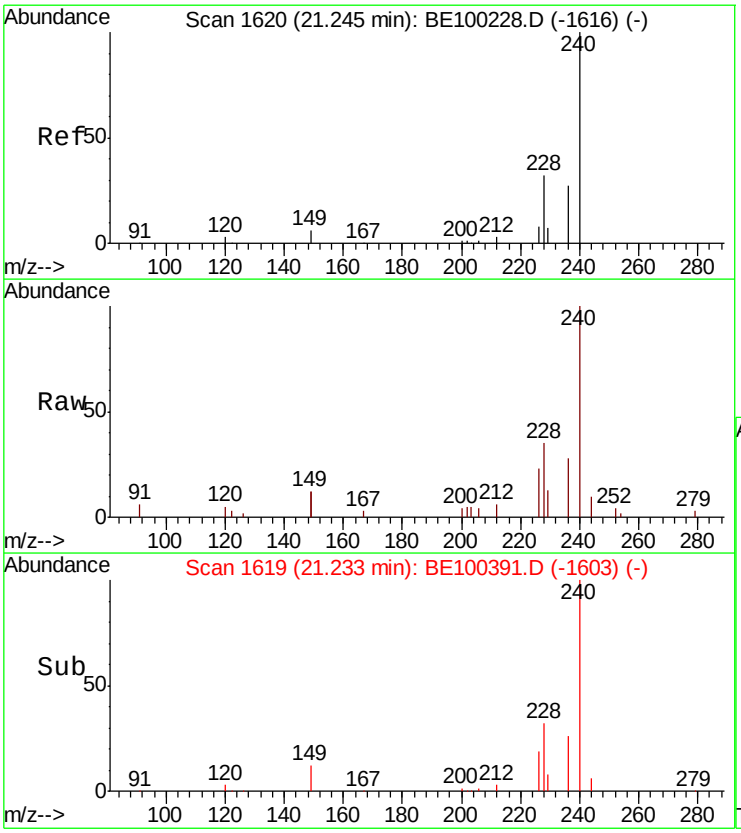
#26
Fluoranthene
Concen: 0.632 ng
RT: 19.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:202 Resp: 15716

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	18.1	13.7	20.5

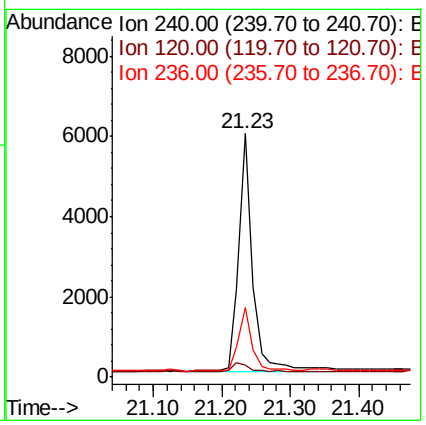


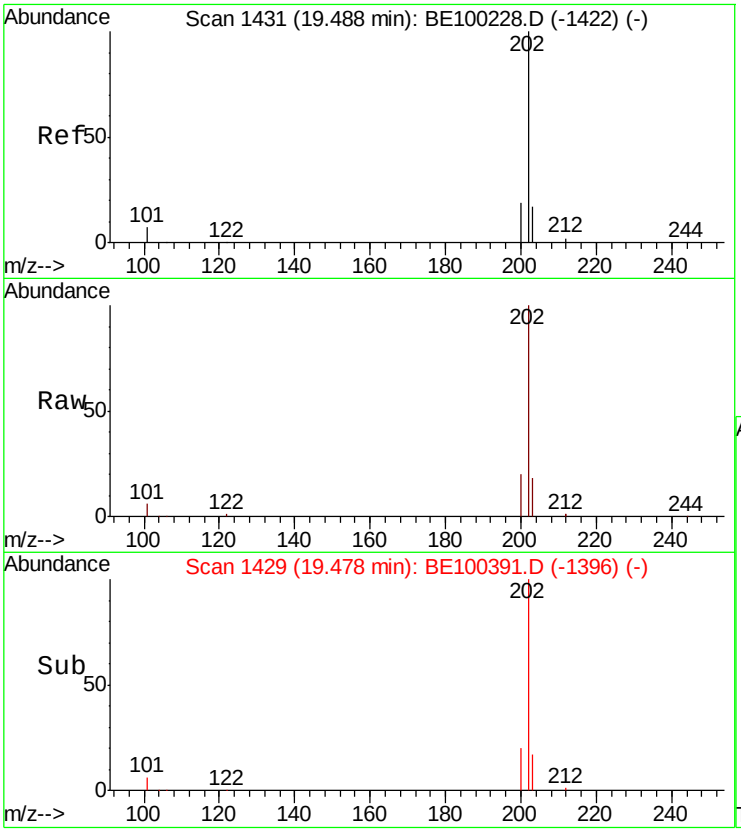


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:240 Resp: 8465

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.3	4.9
236	28.5	22.6	34.0



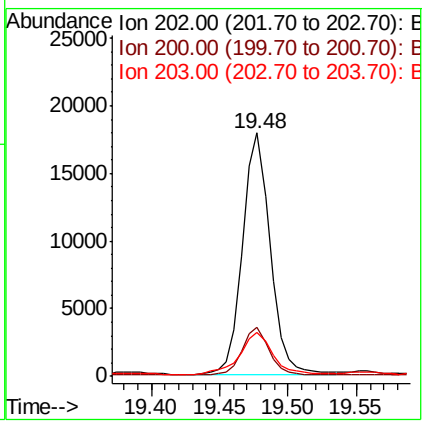


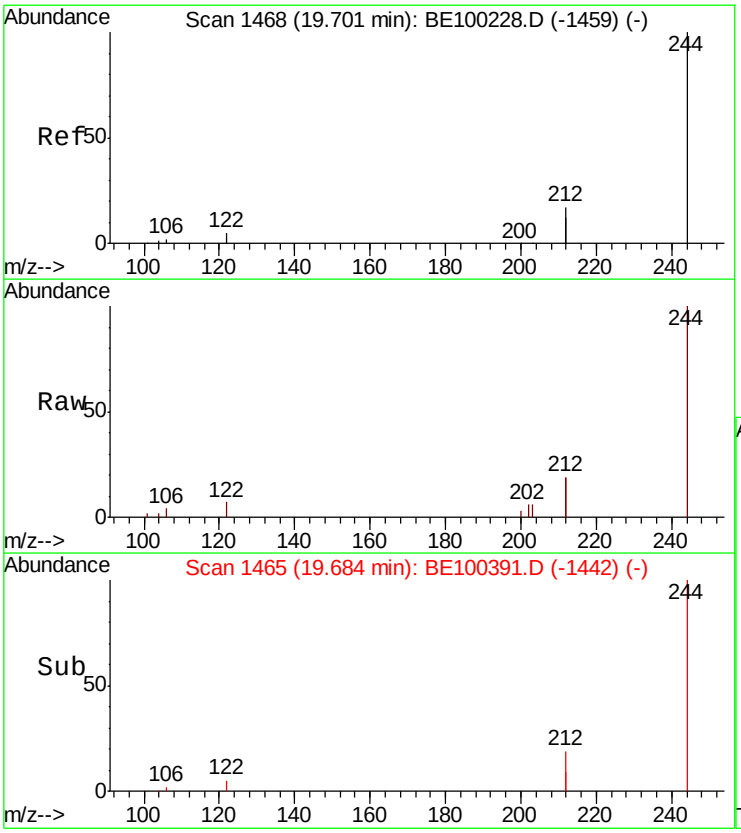
#28
Pyrene
Concen: 1.108 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:202 Resp: 24837

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	20.4	14.0	21.0

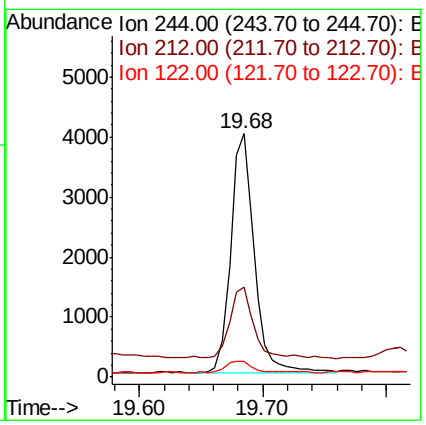


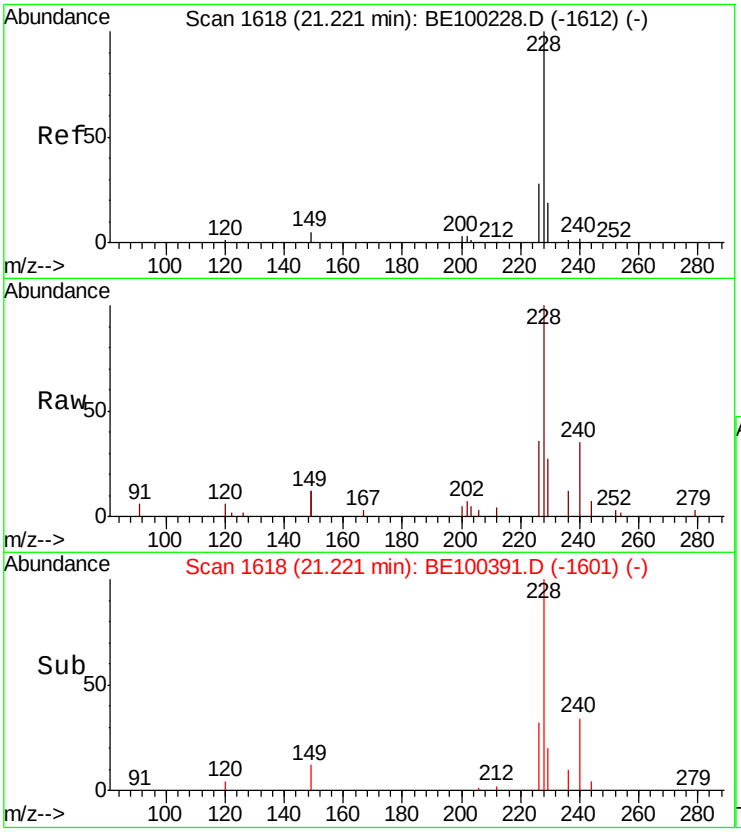


#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:244 Resp: 5280

Ion	Ratio	Lower	Upper
244	100		
212	37.1	27.3	40.9
122	6.5	4.7	7.1



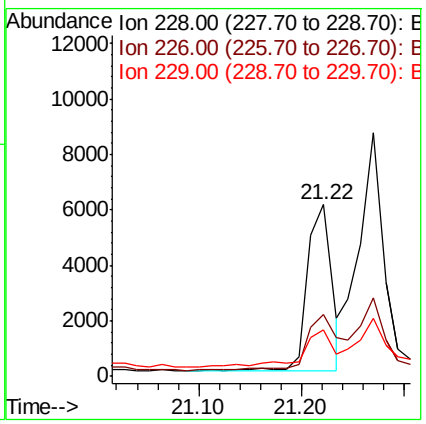


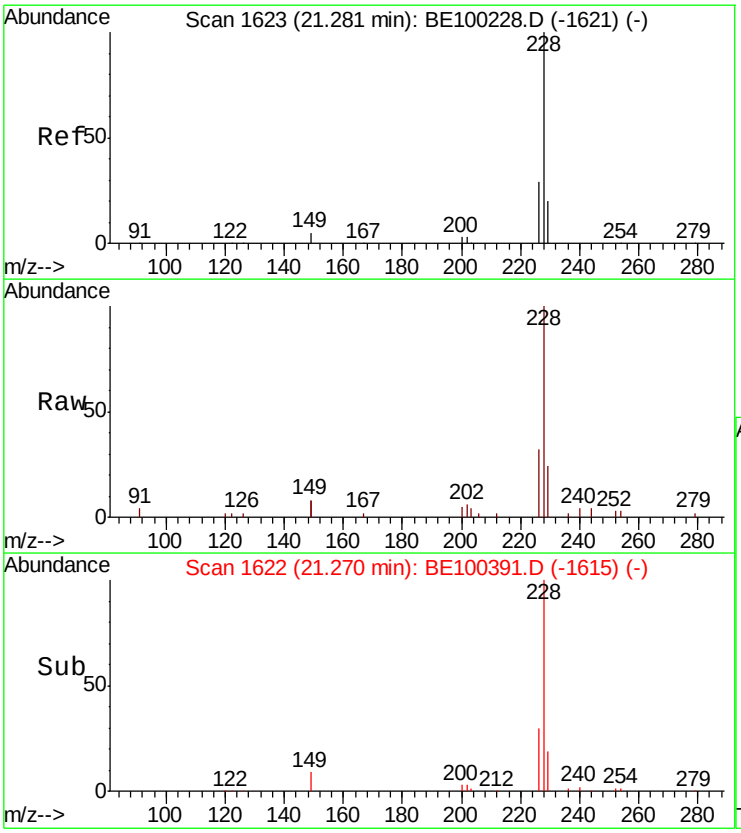
#30
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:228 Resp: 9870

Ion	Ratio	Lower	Upper
228	100		
226	36.1	23.2	34.8#
229	27.1	15.7	23.5#

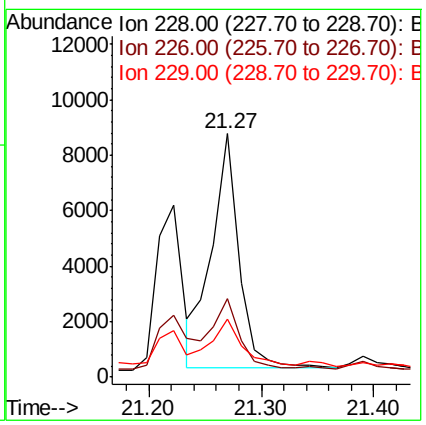


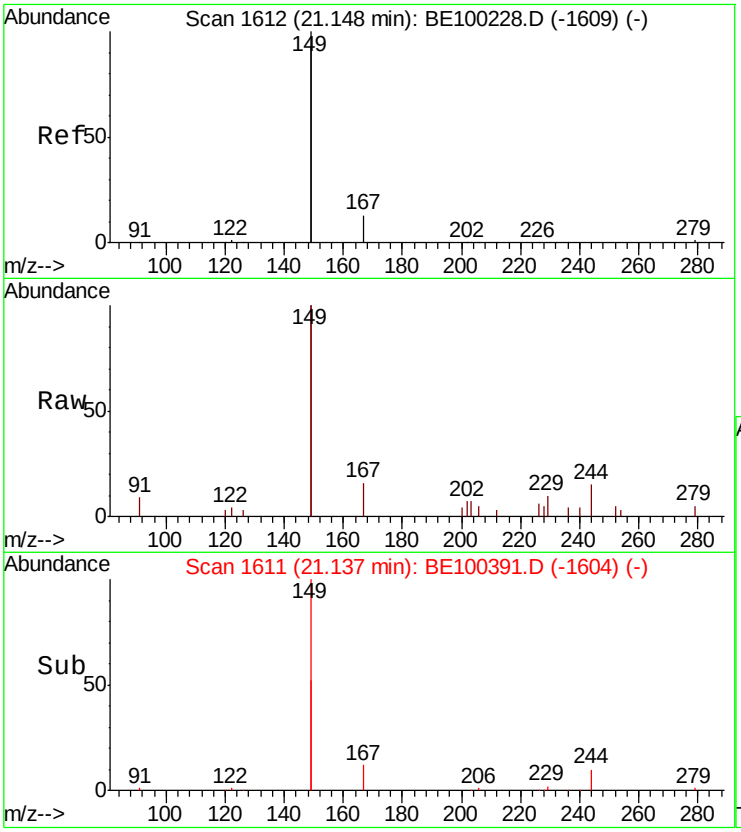


#31
Chrysene
Concen: 0.509 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:228 Resp: 14219

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.9	35.9
229	23.8	16.5	24.7



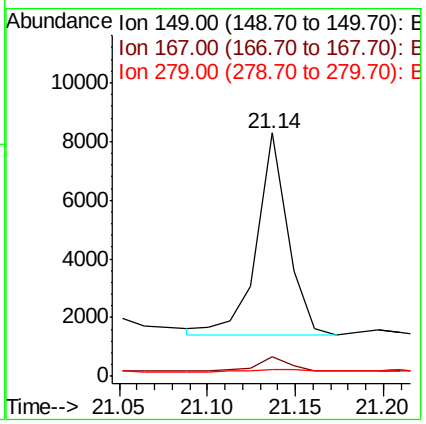


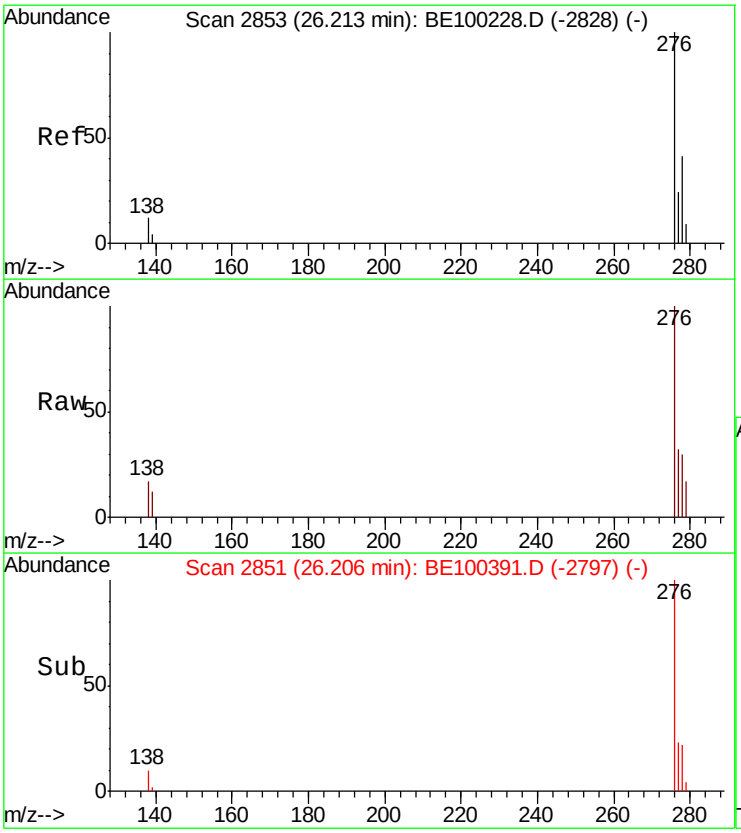
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.157 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:149 Resp: 8436

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.8	8.8
279	2.3	1.1	1.7#

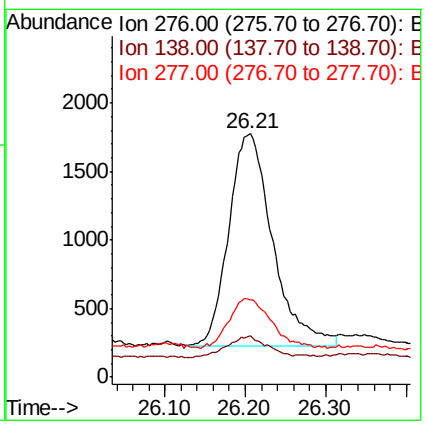


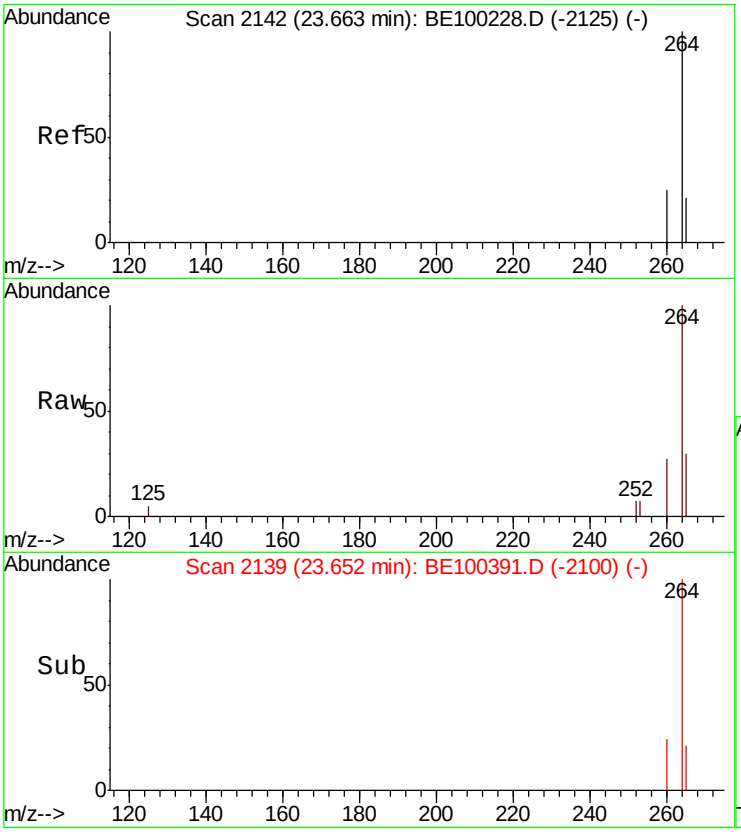


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng
RT: 26.21 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:276 Resp: 5835

Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.4	14.0
277	22.4	19.2	28.8



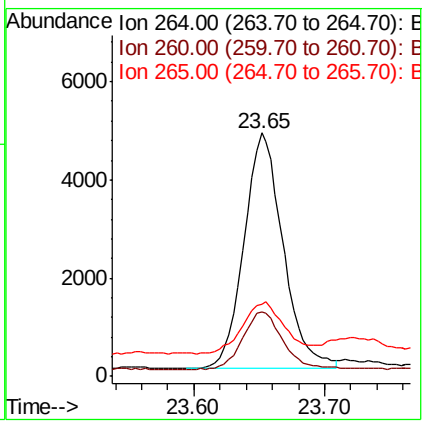


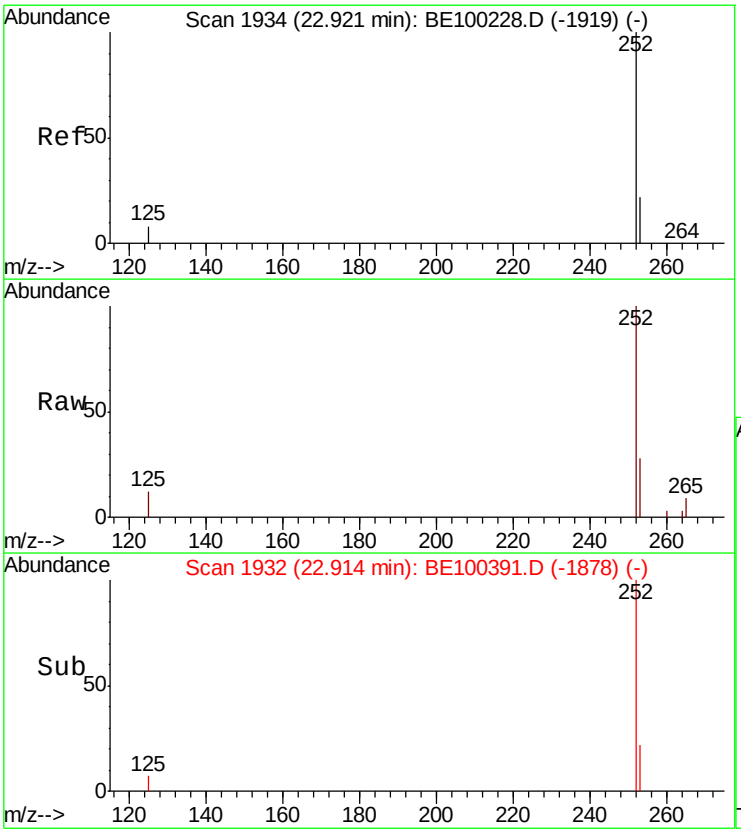
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:264 Resp: 9965

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	29.5	21.8	32.6

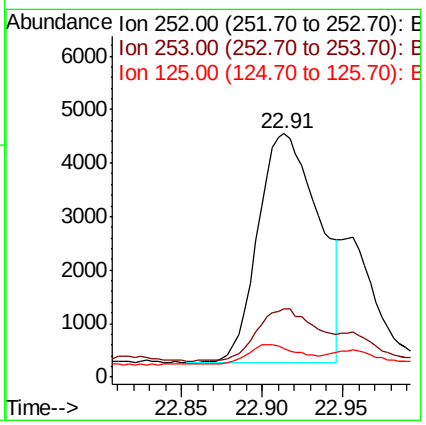


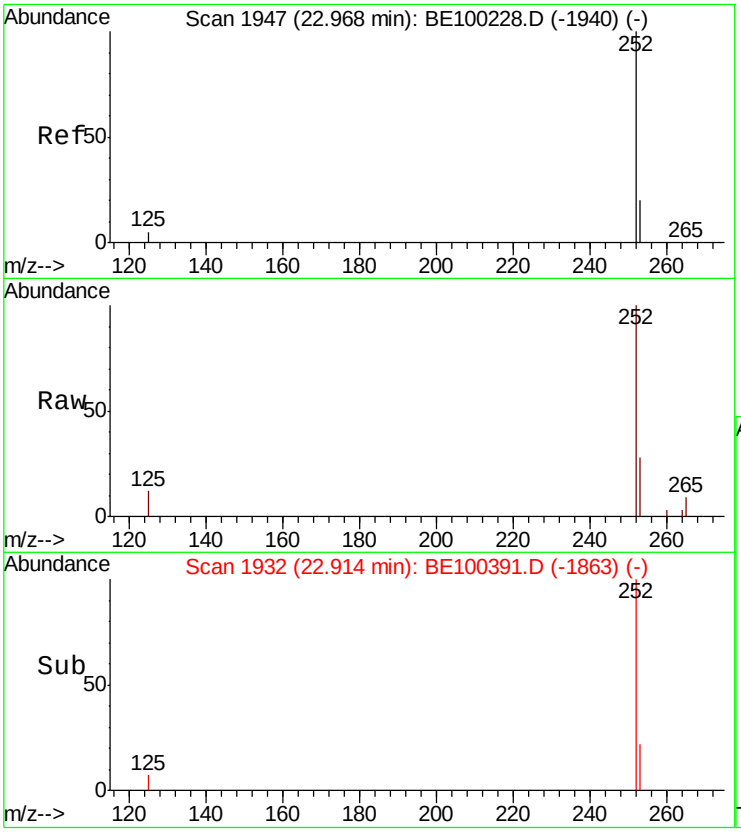


#35
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.91 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:252 Resp: 11277

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.2	28.8
125	11.9	7.4	11.0#



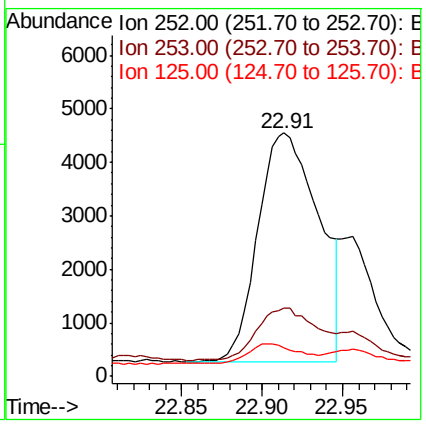


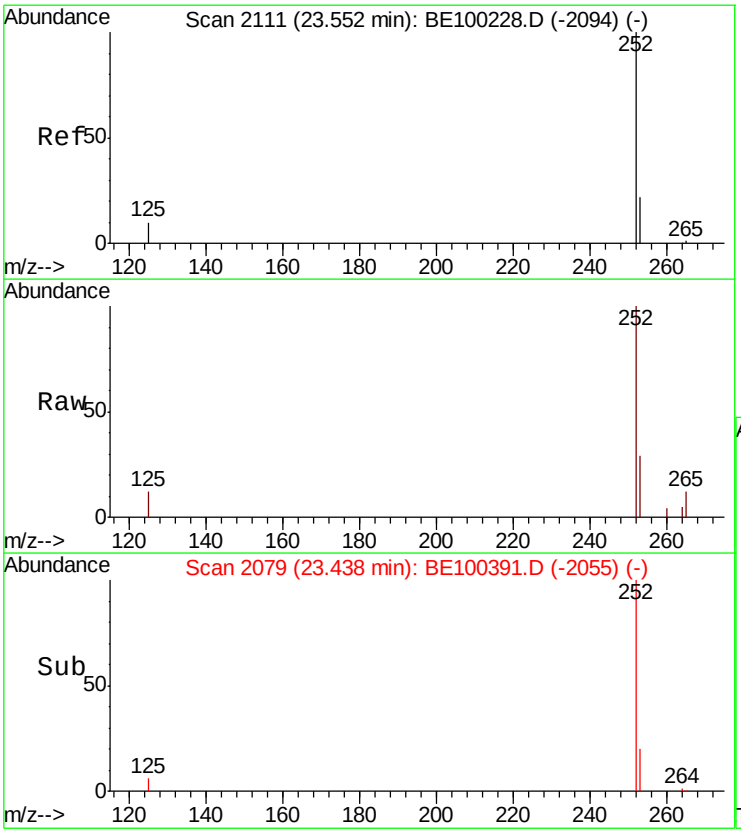
#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 22.91 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:252 Resp: 11277

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.9	26.9#
125	11.9	5.0	7.4#

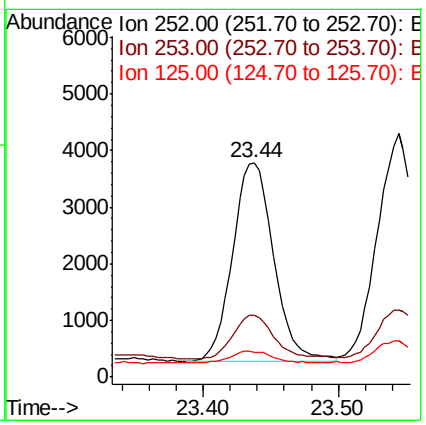


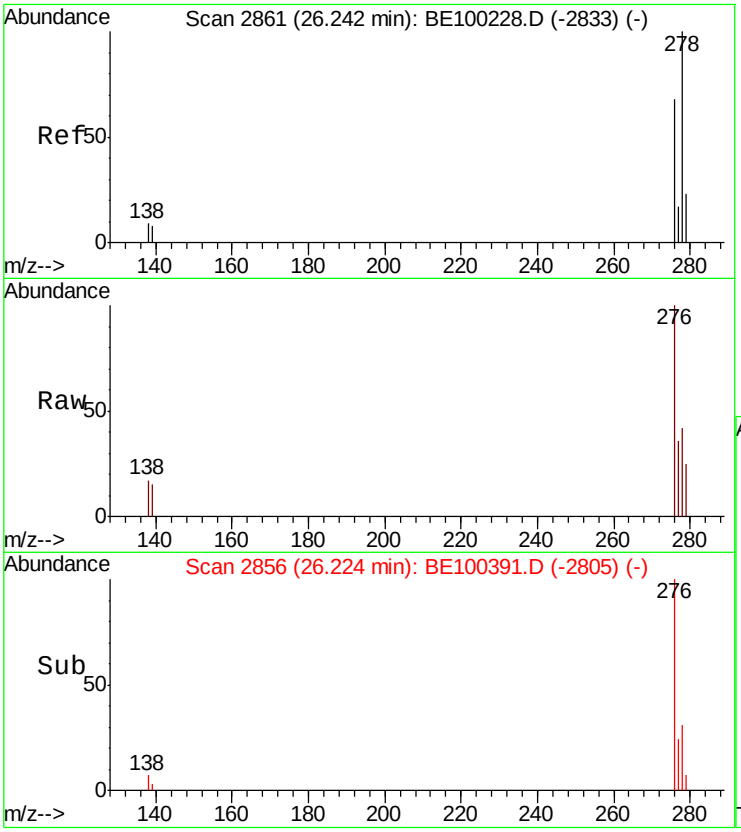


#37
Benzo(a)pyrene
Concen: 0.276 ng
RT: 23.44 min Scan# 2079
Delta R.T. -0.11 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:252 Resp: 7481

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.6	29.4
125	11.8	9.0	13.6



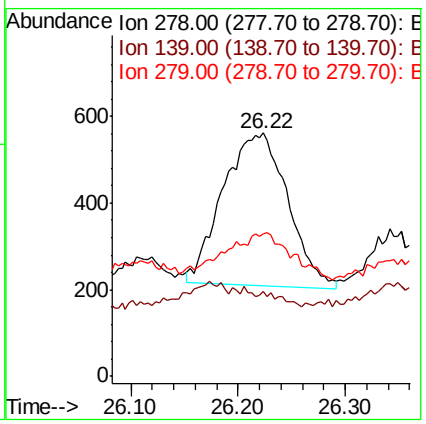


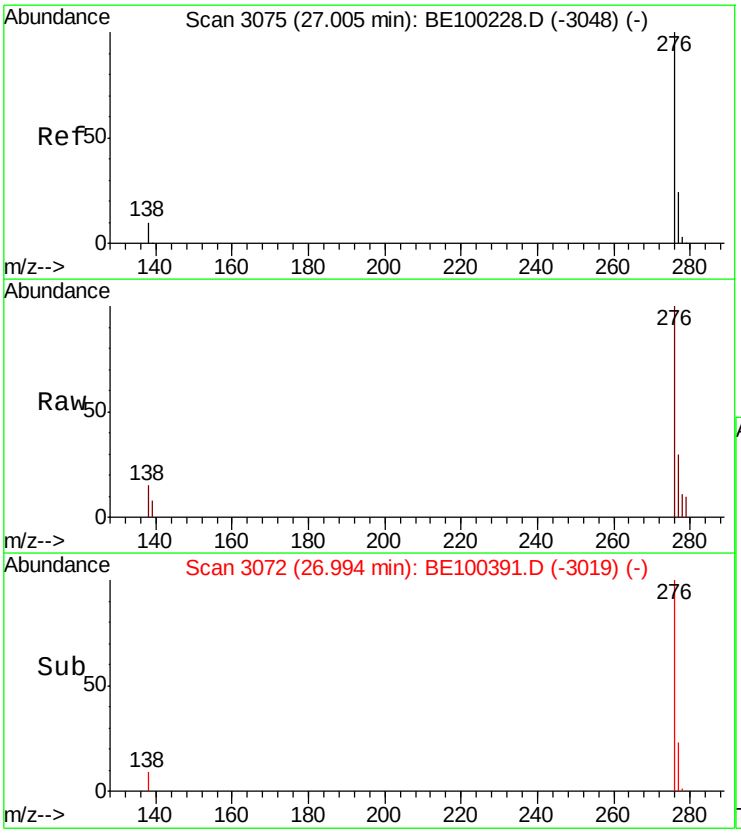
#38
Dibenzo(a,h)anthracene
Concen: 0.052 ng
RT: 26.22 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW134-062419

Tgt Ion:278 Resp: 1480

Ion	Ratio	Lower	Upper
278	100		
139	34.7	8.2	12.2#
279	58.4	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.238 ng
RT: 26.99 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BE100391.D
Acq: 5 Jul 2019 20:57

Tgt Ion:276 Resp: 6928

Ion	Ratio	Lower	Upper
276	100		
277	30.3	20.2	30.2#
138	14.9	9.0	13.6#