Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100319.D
Acq On : 3 Jul 2019 1:16
Operator : JU/SJ
Sample : K3504-20DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-009-SW136-062019DL

Quant Time: Jul 03 02:15:32 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	7.64	152	1006	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3486	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2595	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7300	0.40	ng		0.00
27) Chrysene-d12	21.24	240	9392	0.40	ng		0.00
34) Perylene-d12	23.68	264	10903	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	369	0.14	ng		0.01
5) Phenol-d6	6.83	99	452	0.13	ng		-0.01
8) Nitrobenzene-d5	8.81	82	424	0.12	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	832	0.13	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	286	0.16	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	1316	0.13	ng		0.00
25) Fluoranthene-d10	19.10	212	12225	0.12	ng		0.00
29) Terphenyl-d14	19.70	244	2803	0.14	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.09	178	84254	4.762	ng		99
26) Fluoranthene	19.13	202	159799	5.670	ng		99
28) Pyrene	19.49	202	178602	7.183	ng		97
30) Benzo(a)anthracene	21.23	228	97494	3.157	ng		97
31) Chrysene	21.28	228	103746	3.346	ng		97
35) Benzo(b)fluoranthene	22.93	252	113709	3.847	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	113709	3.446	ng		99
39) Benzo(g,h,i)perylene	27.04	276	63607	2.001	ng		99

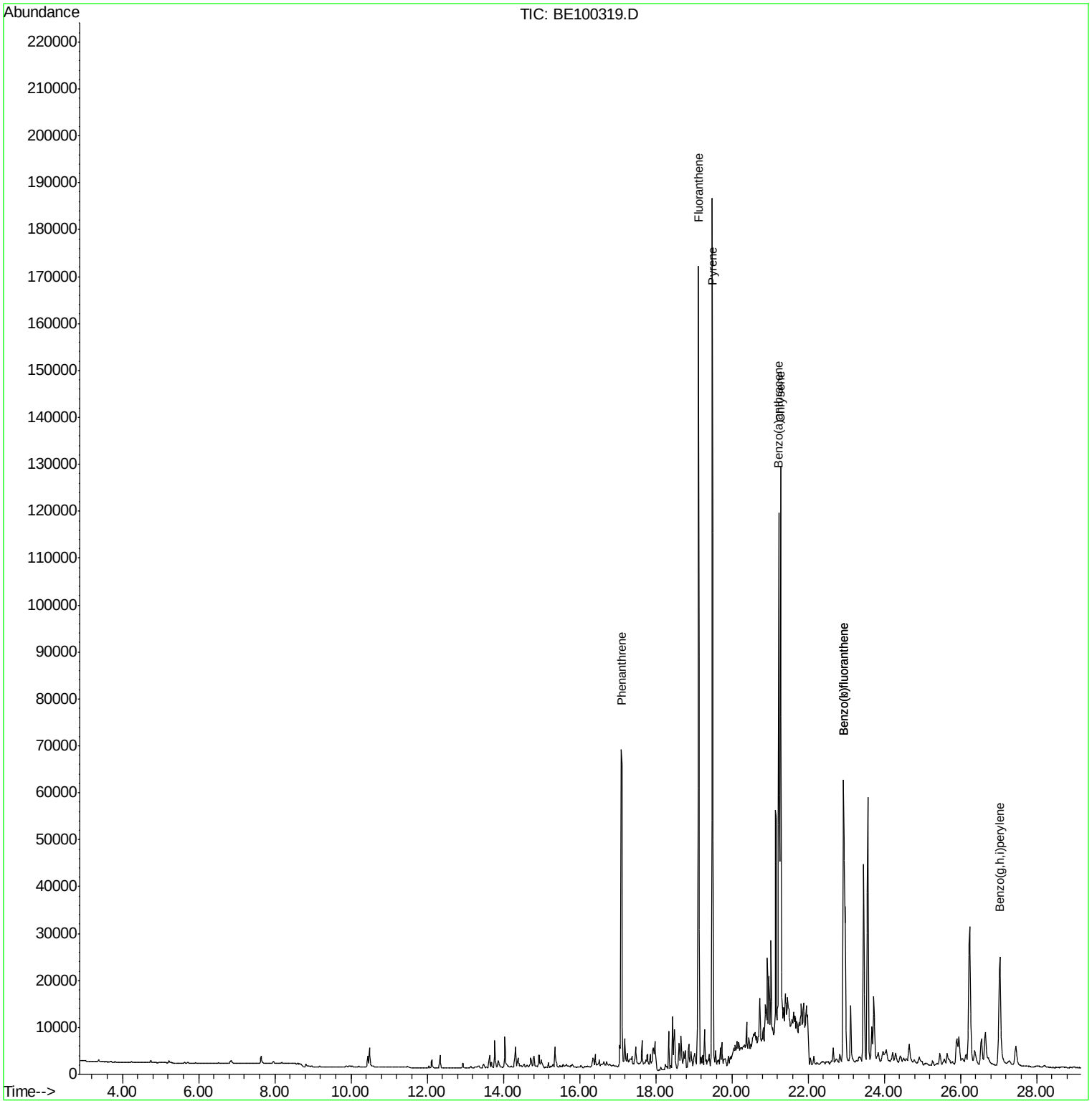
(#) = qualifier out of range (m) = manual integration (+) = signals summed

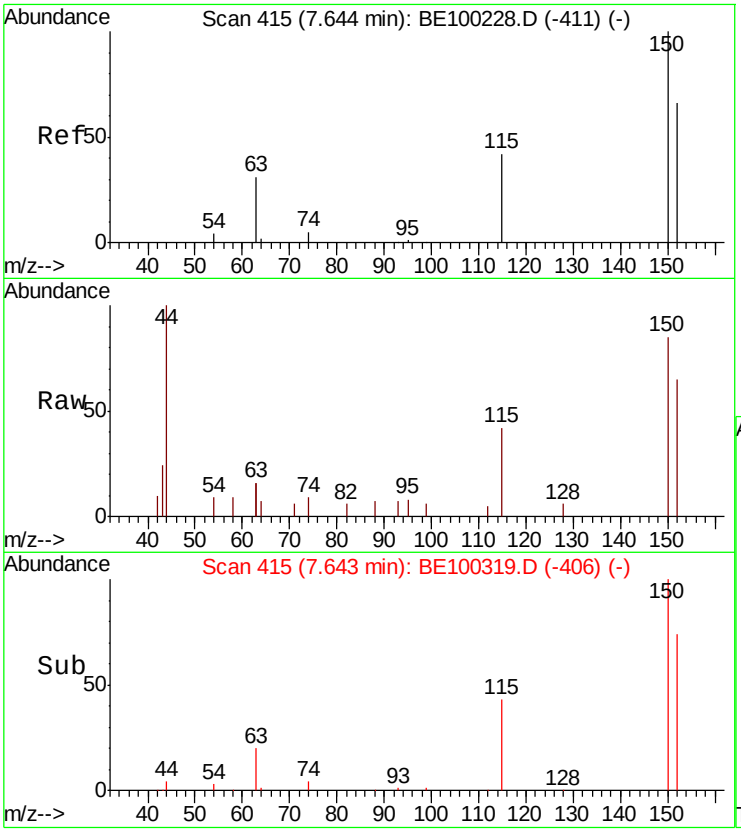
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100319.D
Acq On : 3 Jul 2019 1:16
Operator : JU/SJ
Sample : K3504-20DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Quant Time: Jul 03 02:15:32 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



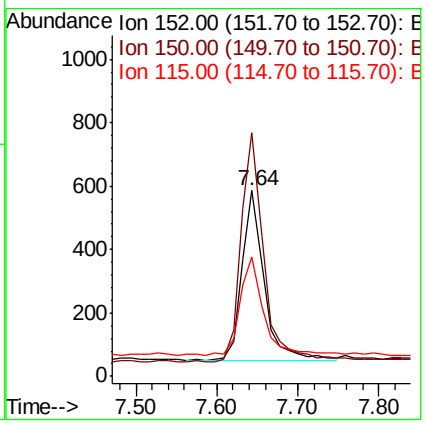


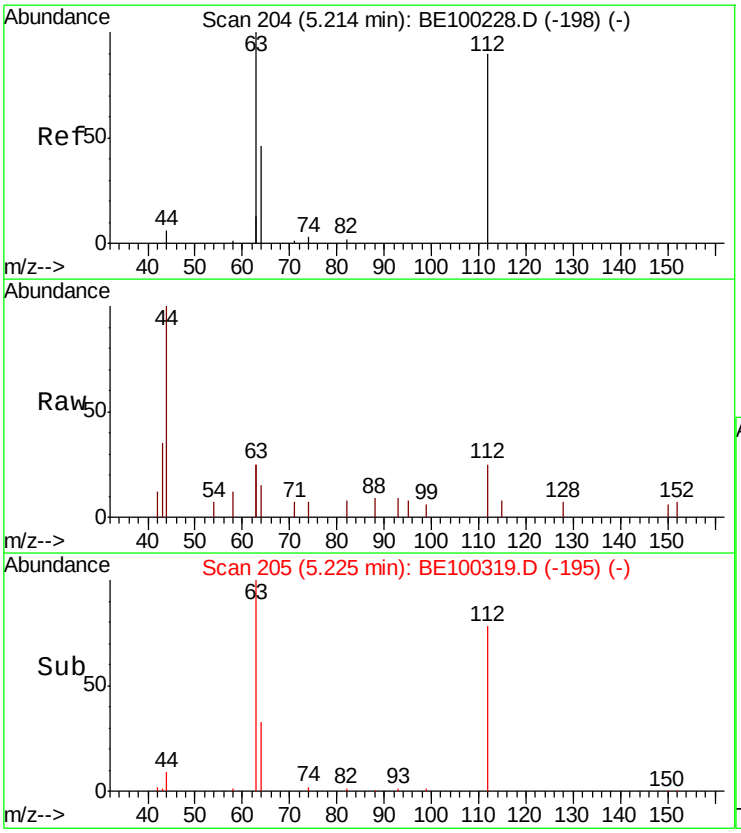
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:152 Resp: 1006

Ion	Ratio	Lower	Upper
152	100		
150	131.3	114.5	171.7
115	64.4	57.1	85.7

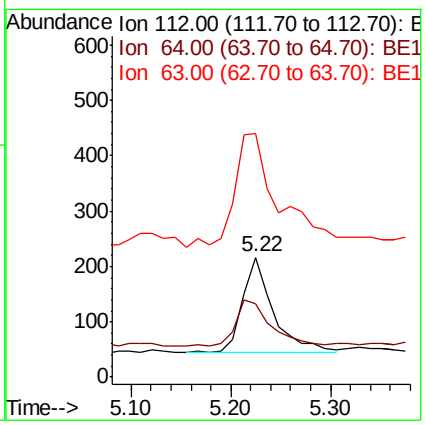


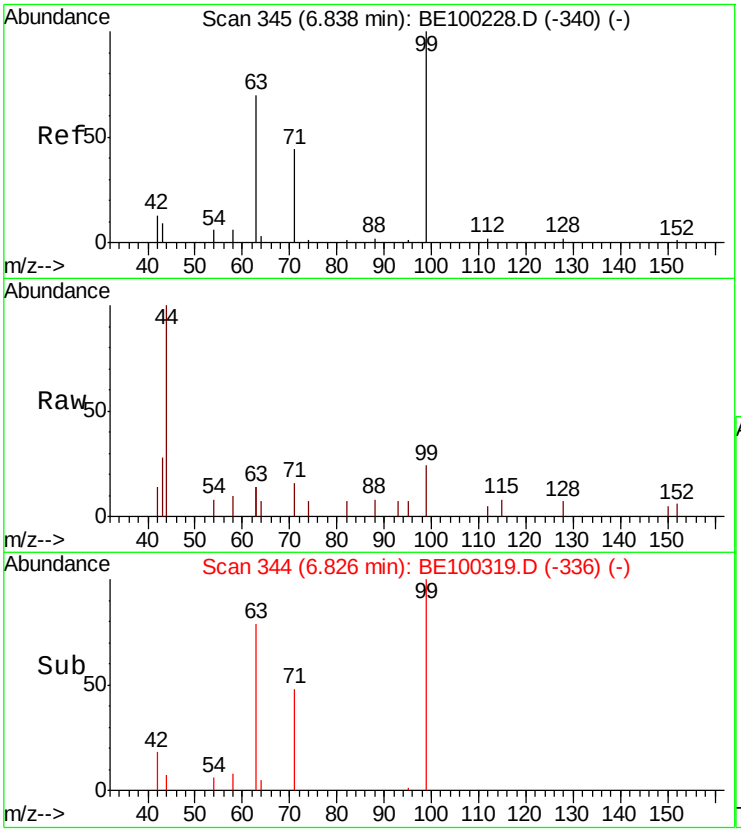


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:112 Resp: 369

Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.4	59.0
63	194.9	104.5	156.7#



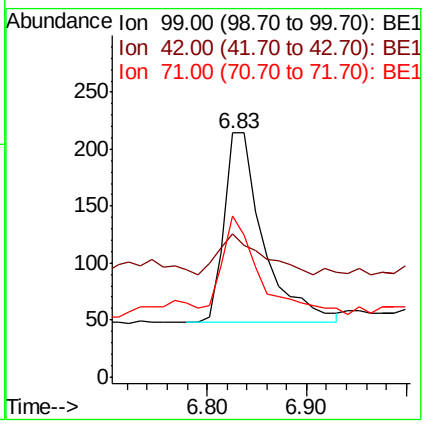


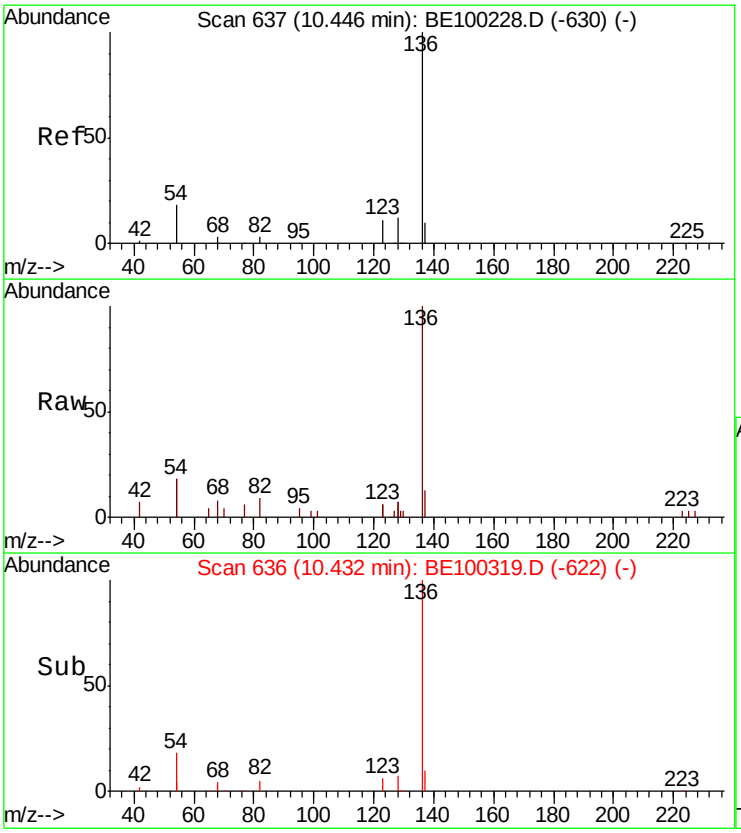
#5
Phenol-d6
Concen: 0.134 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion: 99 Resp: 452

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.2	16.8#
71	48.9	37.2	55.8

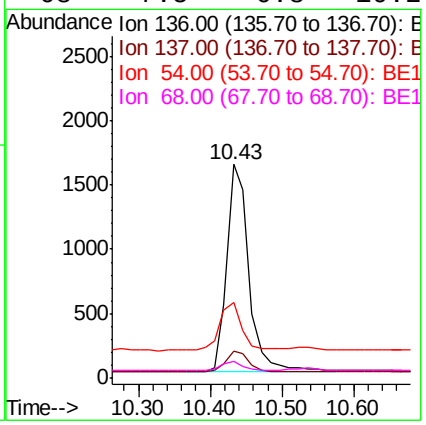


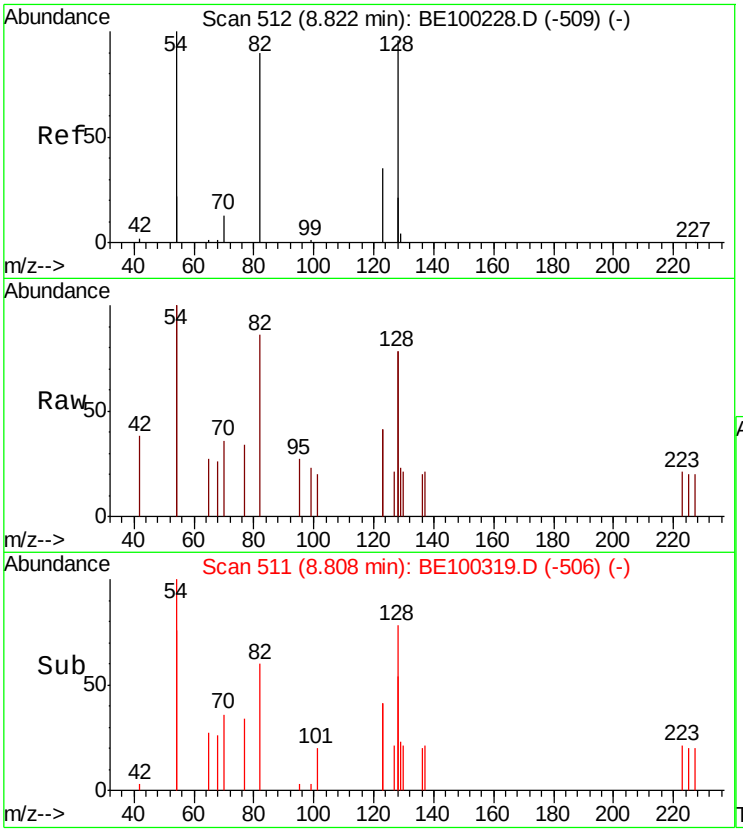


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:136 Resp: 3486

Ion	Ratio	Lower	Upper
136	100		
137	12.8	11.8	17.8
54	35.2	27.7	41.5
68	7.5	6.8	10.2



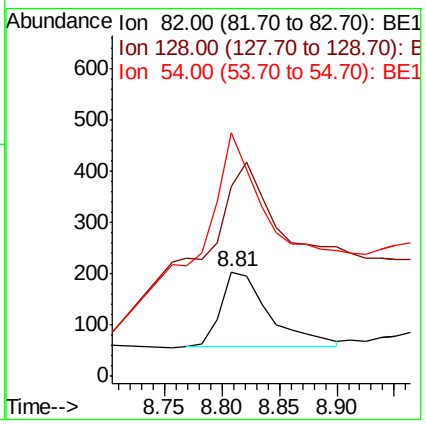


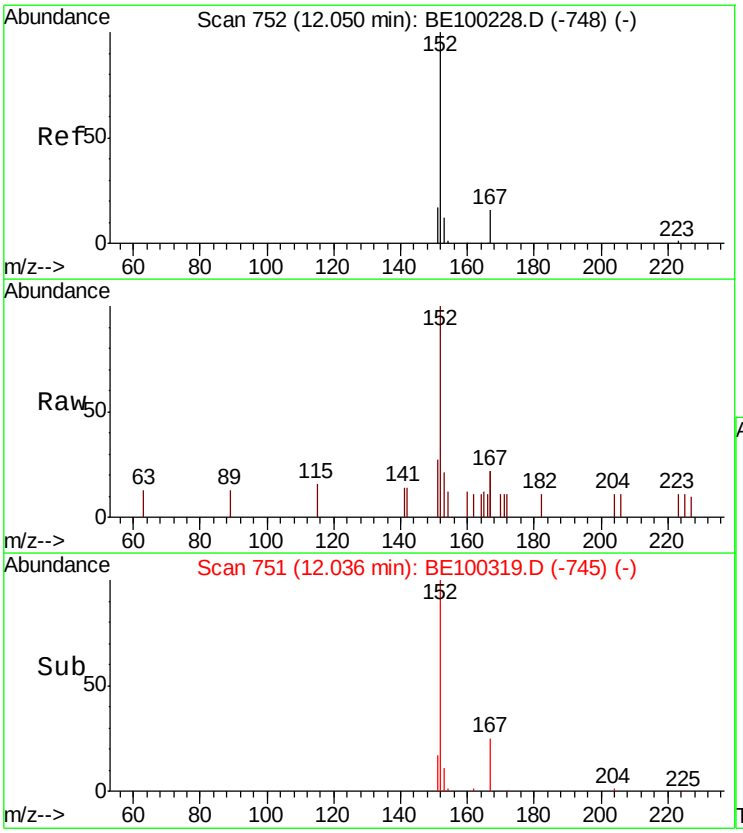
#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion: 82 Resp: 424

Ion	Ratio	Lower	Upper
82	100		
128	181.4	140.9	211.3
54	233.3	146.2	219.2#

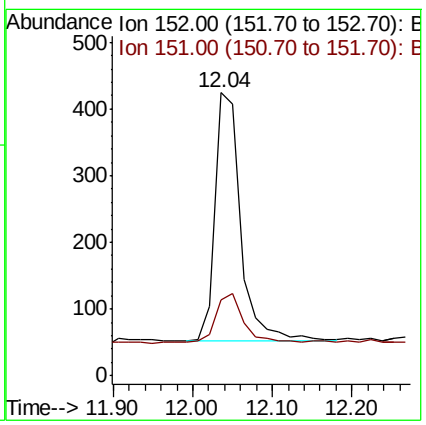


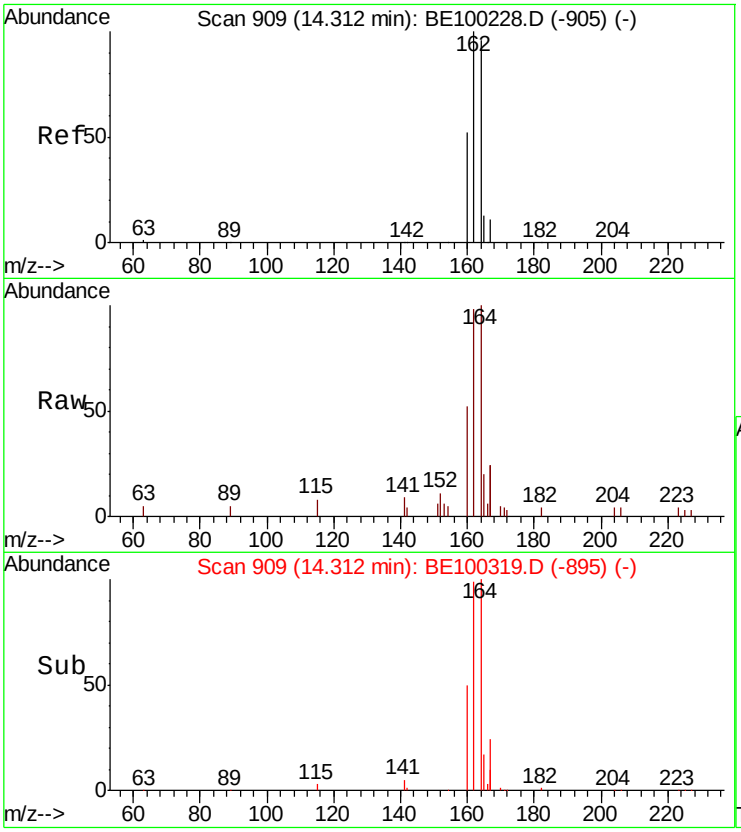


#11
2-Methylnaphthalene-d10
Concen: 0.127 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:152 Resp: 832

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.1	22.7



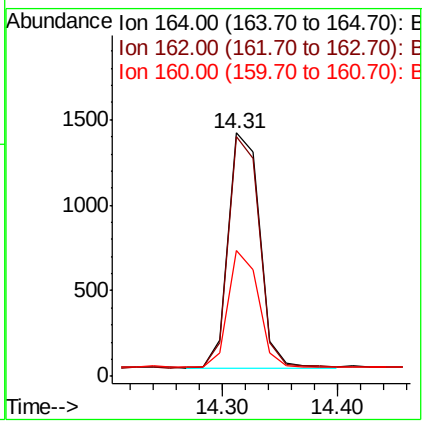


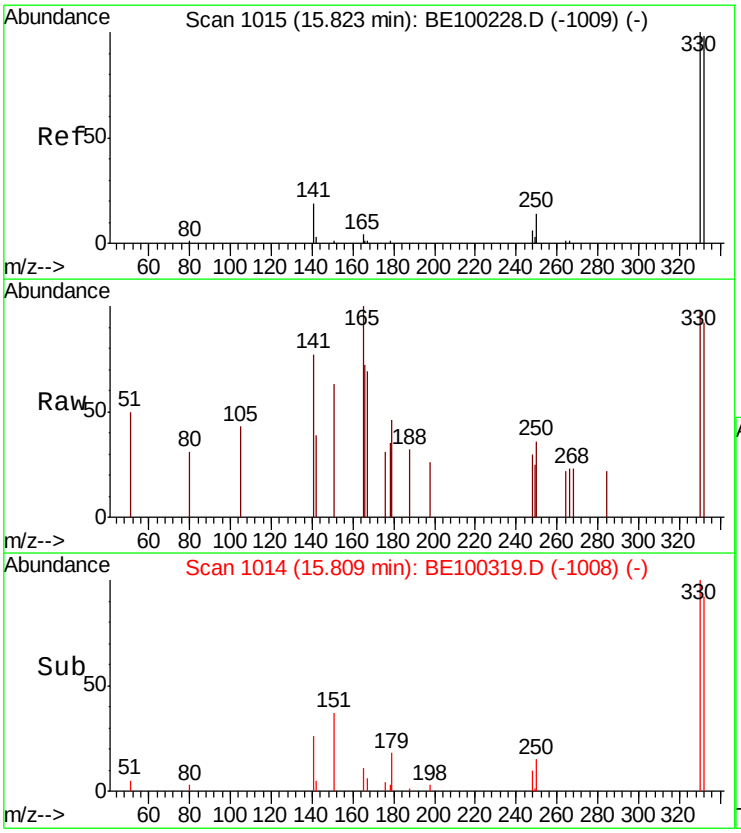
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:164 Resp: 2595

Ion	Ratio	Lower	Upper
164	100		
162	98.4	83.4	125.0
160	51.9	45.0	67.6

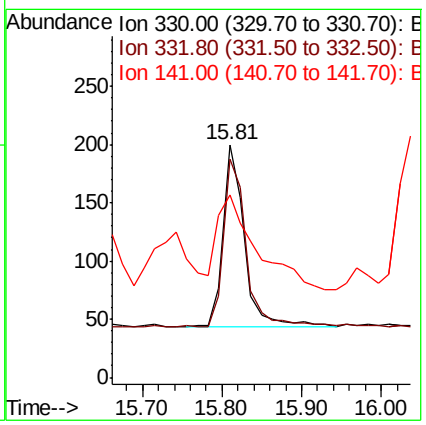


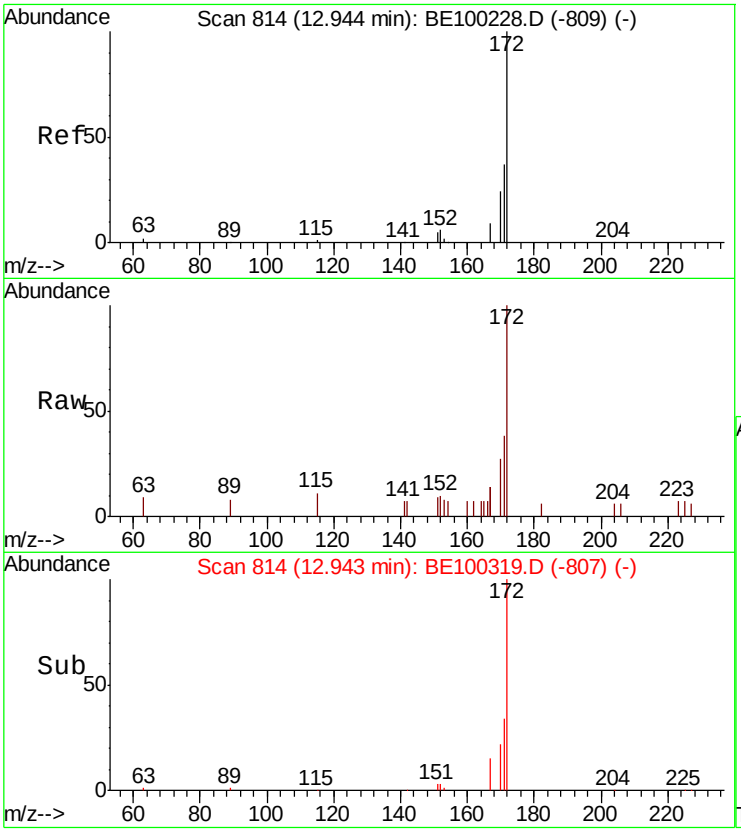


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:330 Resp: 286

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.4
141	97.2	22.0	33.0#



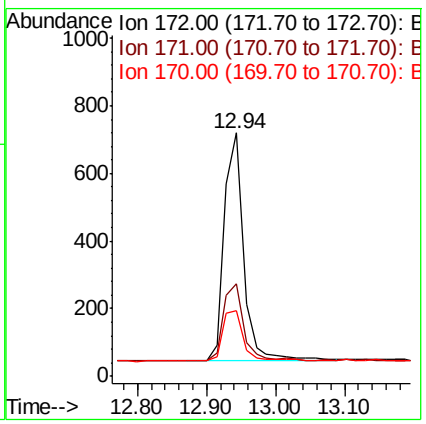


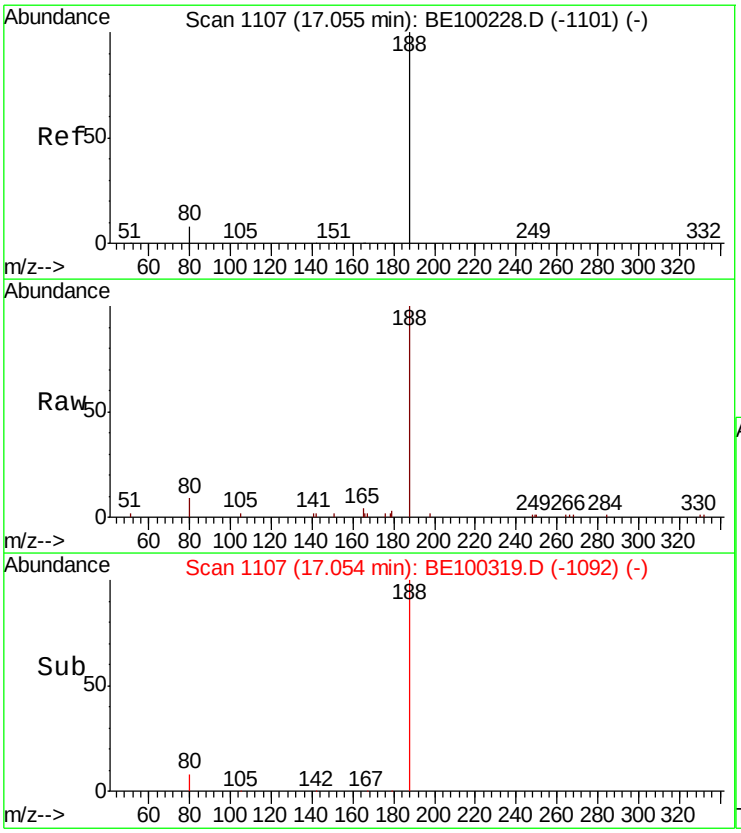
#15
2-Fluorobiphenyl
Concen: 0.130 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:172 Resp: 1316

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.9	47.9
170	26.9	22.2	33.2

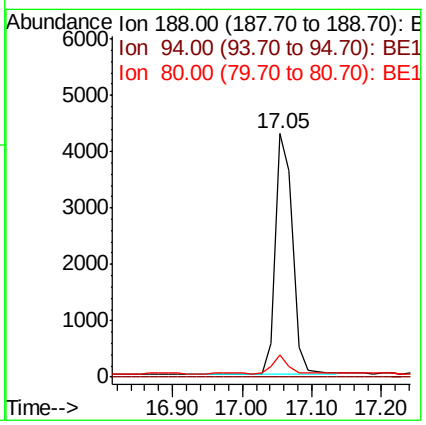


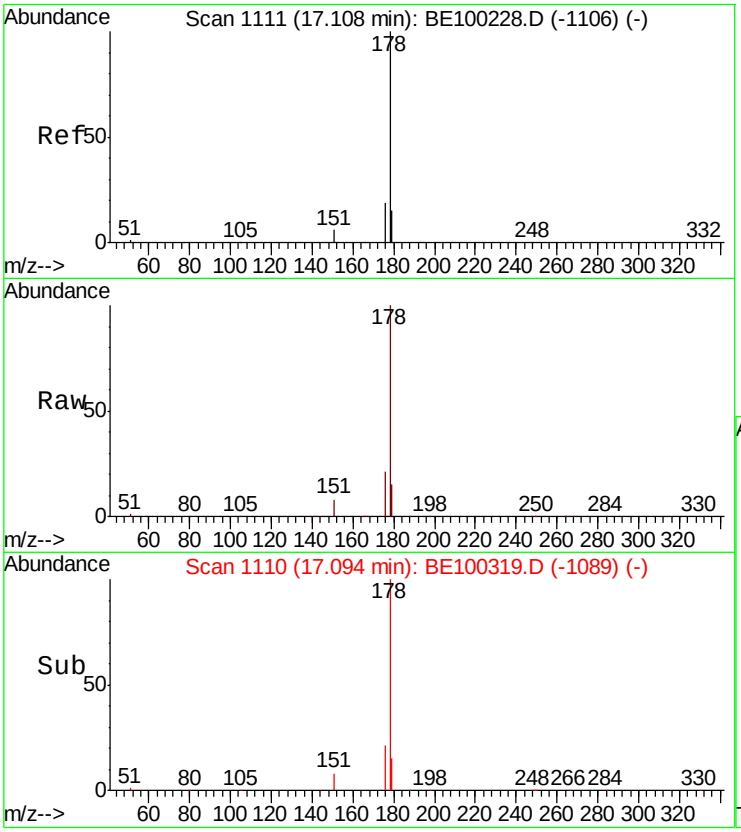


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:188 Resp: 7300

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.6	11.4



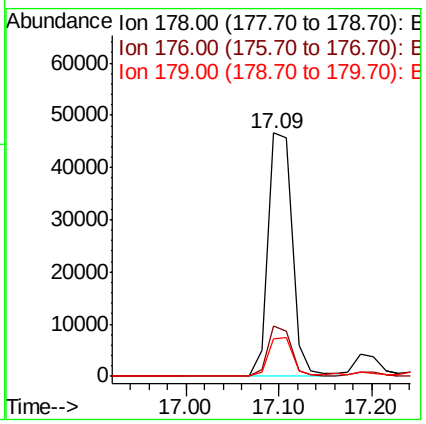


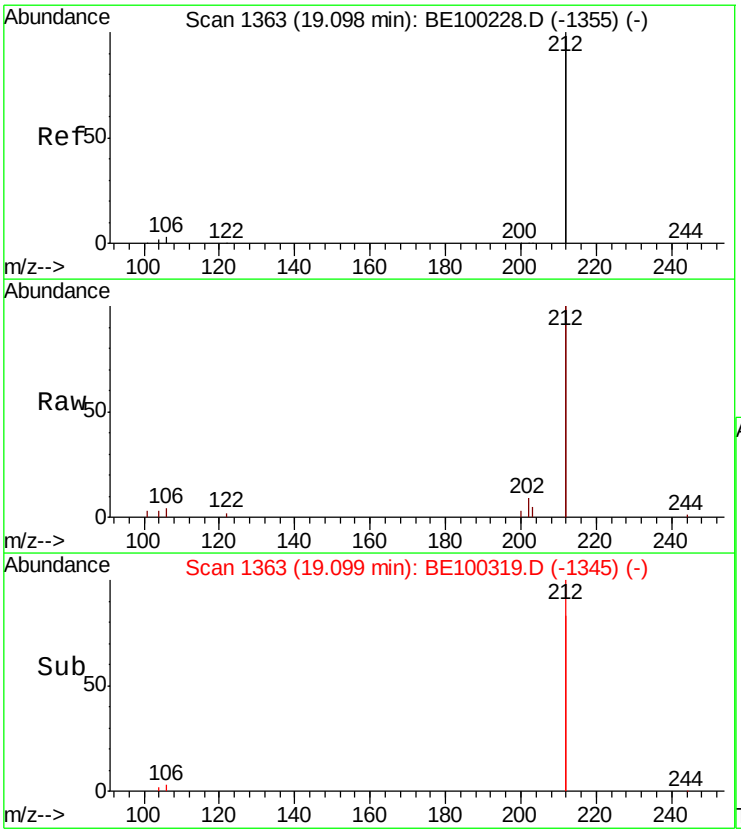
#23
Phenanthrene
Concen: 4.762 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:178 Resp: 84254

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.7	12.2	18.2

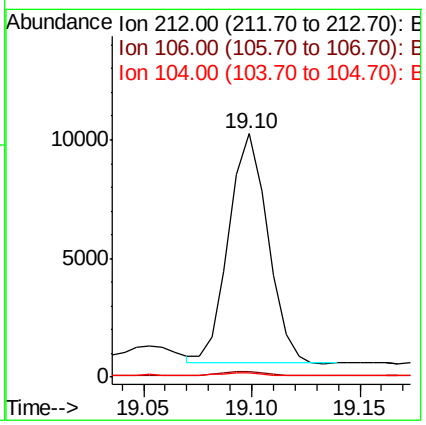


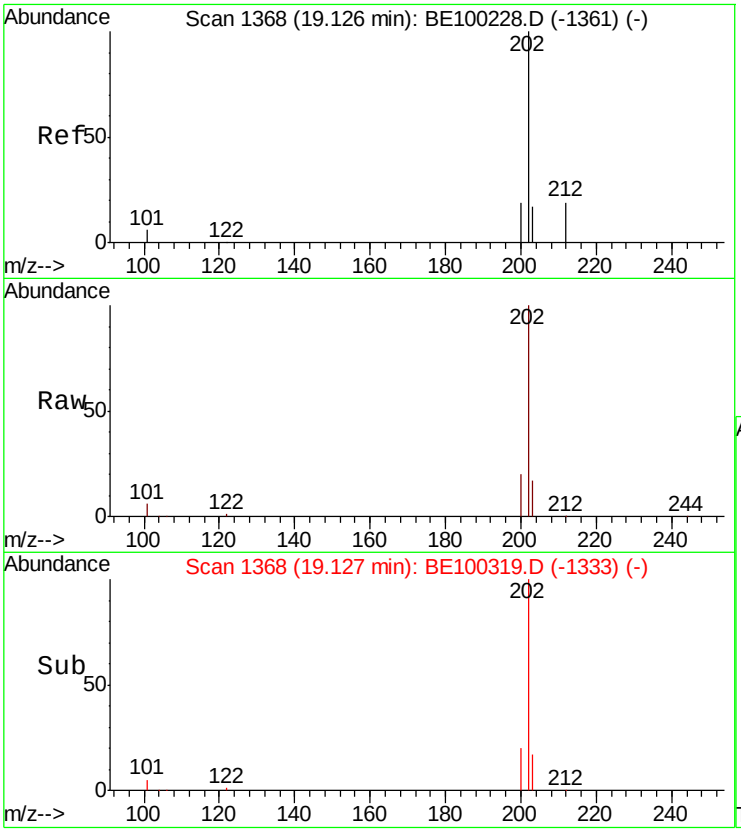


#25
Fluoranthene-d10
Concen: 0.115 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:212 Resp: 12225

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.1	0.8	1.2



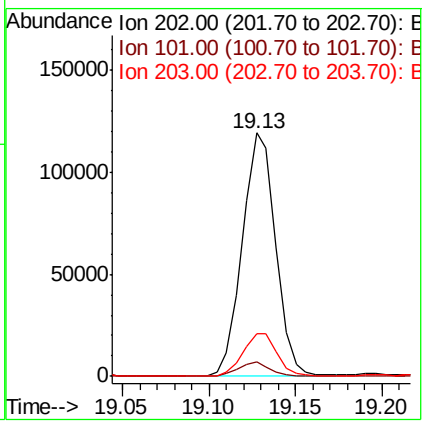


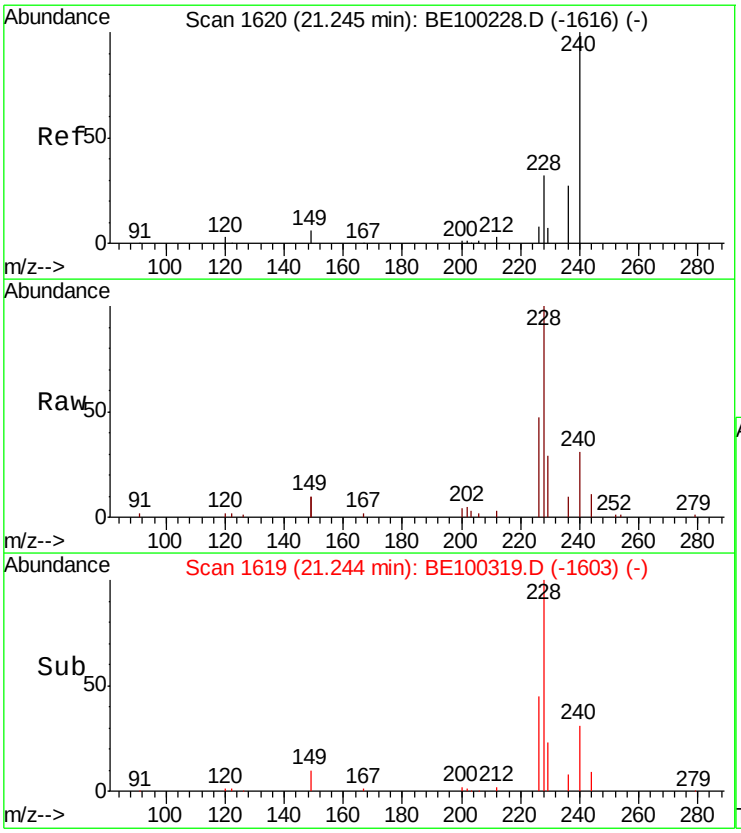
#26
Fluoranthene
Concen: 5.670 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:202 Resp: 159799

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.7	13.7	20.5

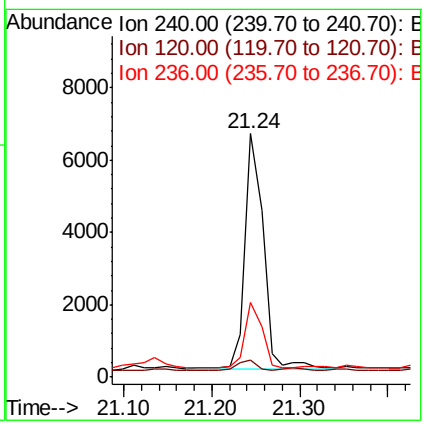


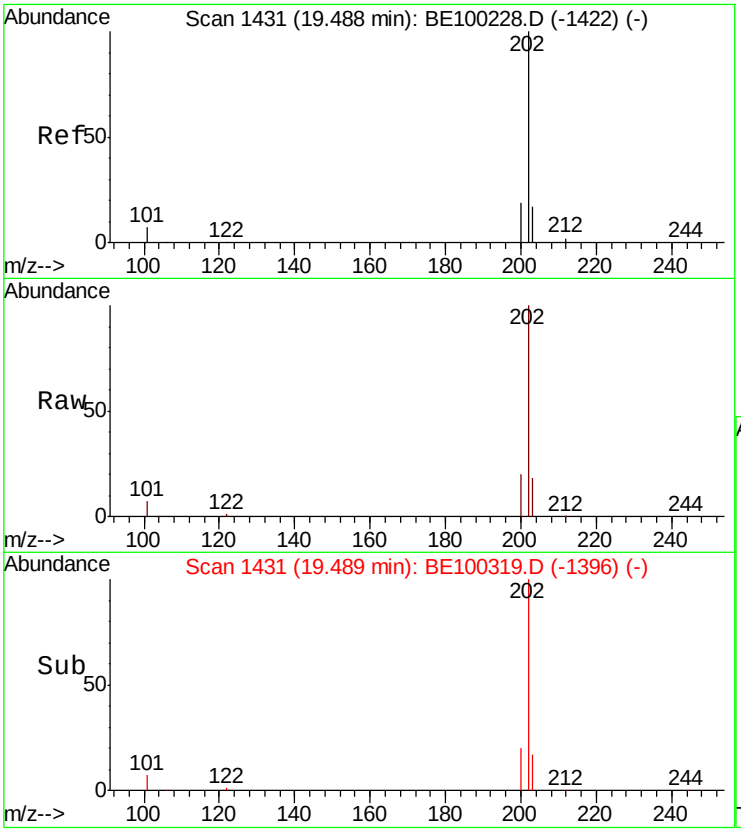


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:240 Resp: 9392

Ion	Ratio	Lower	Upper
240	100		
120	7.0	3.3	4.9#
236	30.6	22.6	34.0



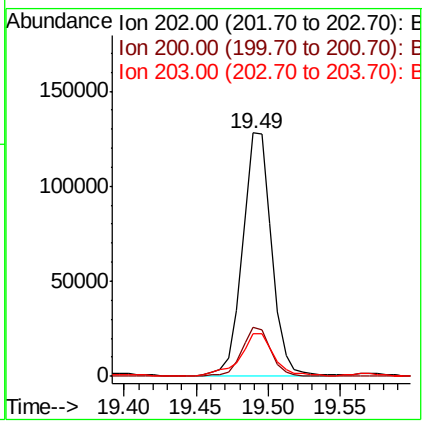


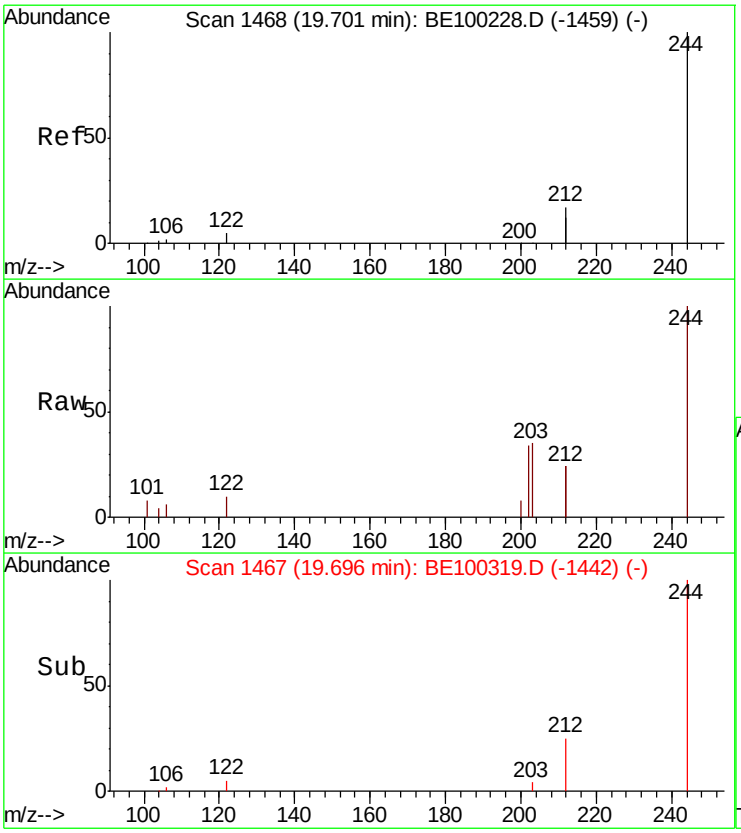
#28
Pyrene
Concen: 7.183 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:202 Resp: 178602

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.1	14.0	21.0

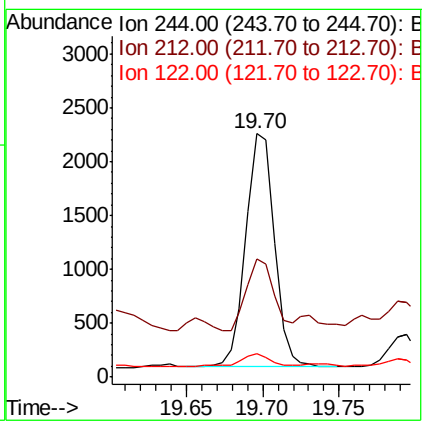


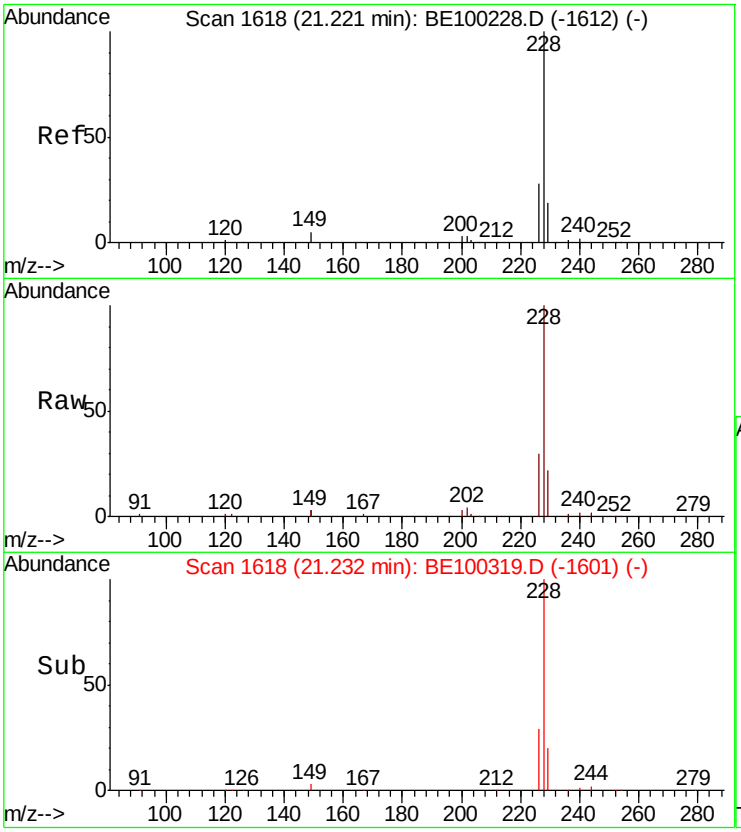


#29
Terphenyl-d14
Concen: 0.144 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:244 Resp: 2803

Ion	Ratio	Lower	Upper
244	100		
212	48.3	27.3	40.9#
122	9.6	4.7	7.1#



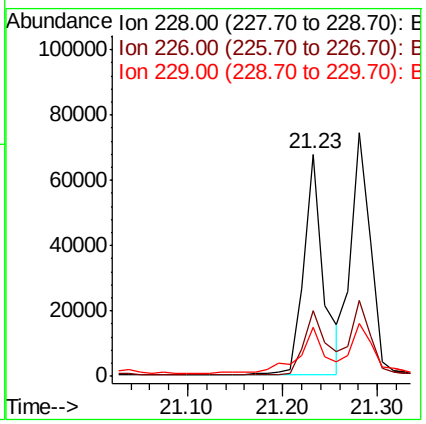


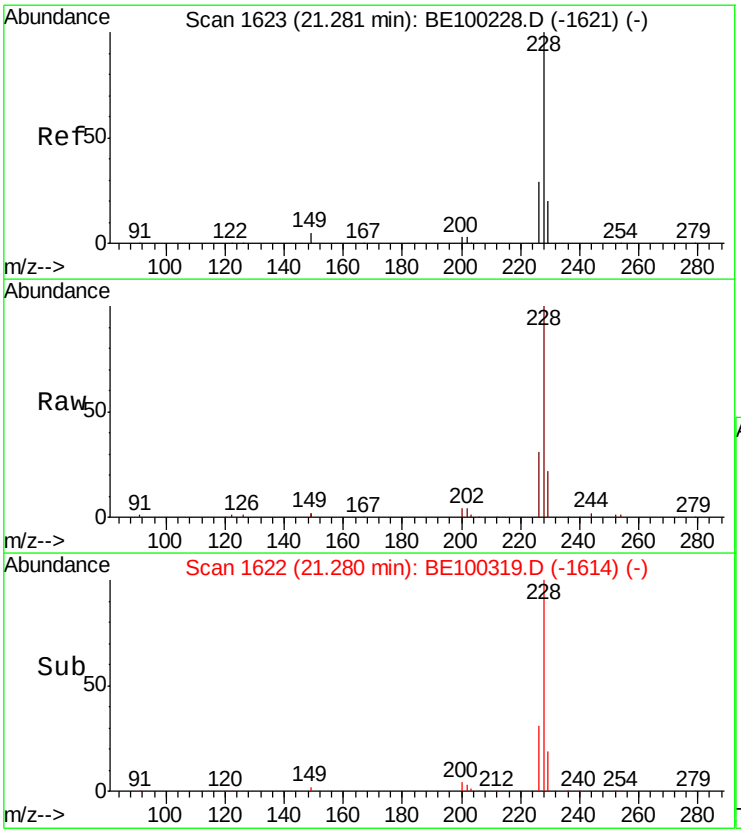
#30
Benzo(a)anthracene
Concen: 3.157 ng
RT: 21.23 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:228 Resp: 97494

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	22.2	15.7	23.5

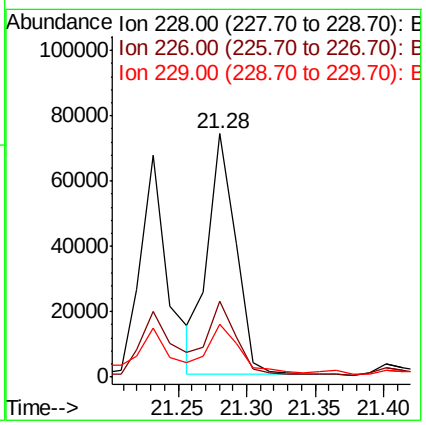


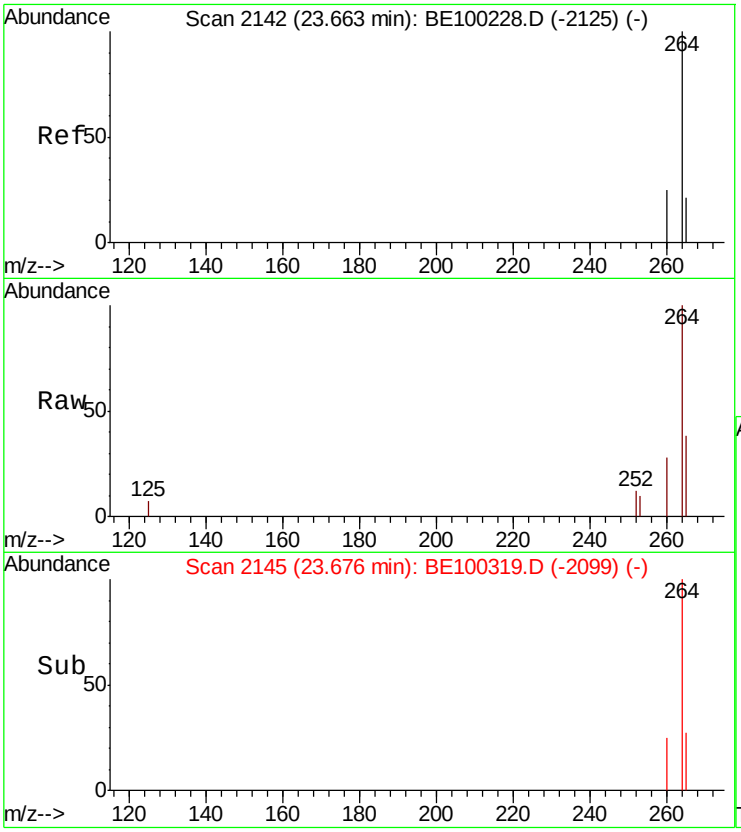


#31
Chrysene
Concen: 3.346 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:228 Resp: 103746

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.9	35.9
229	21.7	16.5	24.7



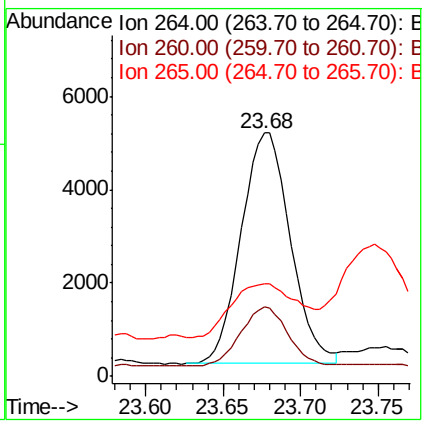


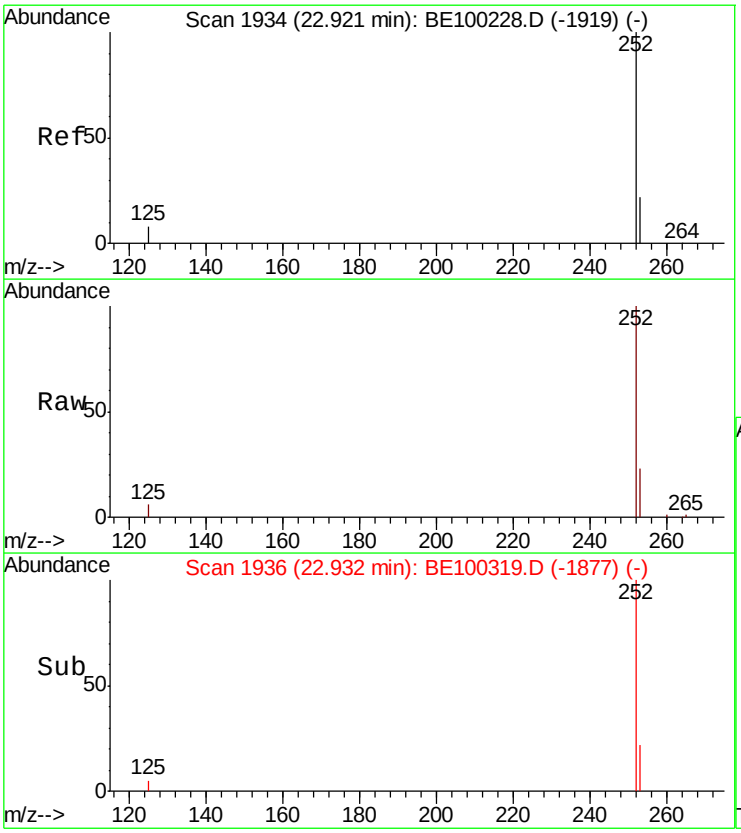
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:264 Resp: 10903

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.8	31.2
265	38.2	21.8	32.6#

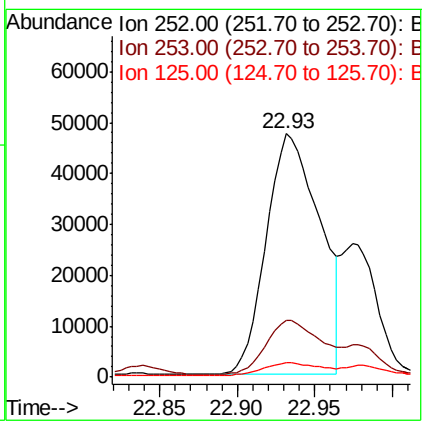


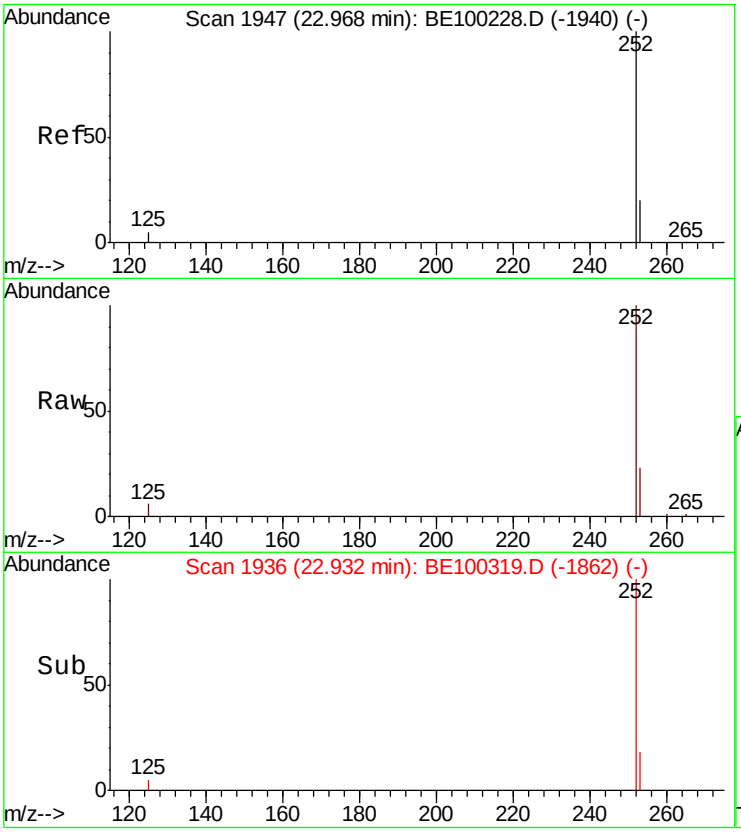


#35
Benzo(b)fluoranthene
Concen: 3.847 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:252 Resp: 113709

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	5.8	7.4	11.0#



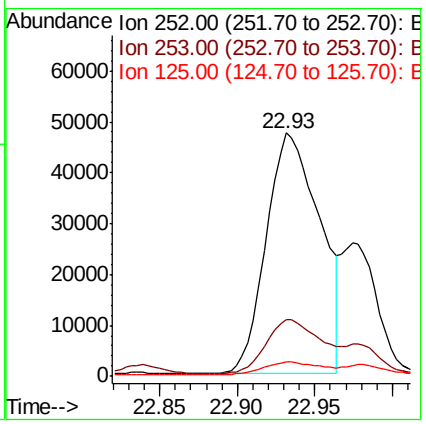


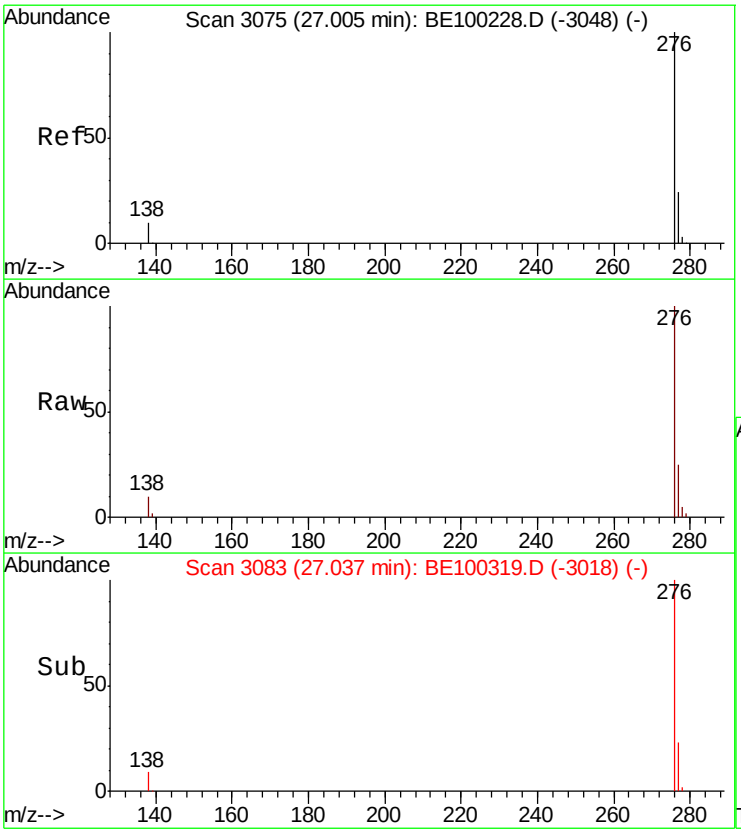
#36
Benzo(k)fluoranthene
Concen: 3.446 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW136-062019DL

Tgt Ion:252 Resp: 113709

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	5.8	5.0	7.4





#39
Benzo(g,h,i)perylene
Concen: 2.001 ng
RT: 27.04 min Scan# 3083
Delta R.T. 0.03 min
Lab File: BE100319.D
Acq: 3 Jul 2019 1:16

Tgt Ion:276 Resp: 63607

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	10.2	9.0	13.6