Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100445.D
Acq On : 16 Jul 2019 17:11
Operator : HP/JU
Sample : K3818-01
Misc :
ALS Vial : 11 Sample Multiplier: 2

Quant Time: Jul 16 17:48:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	6357	0.80	ng		0.00
7) Naphthalene-d8	10.68	136	26706	0.80	ng		0.00
13) Acenaphthene-d10	14.51	164	17273	0.80	ng		0.00
19) Phenanthrene-d10	17.23	188	41980	0.80	ng		0.00
27) Chrysene-d12	21.40	240	51092	0.80	ng		0.01
34) Perylene-d12	23.89	264	57613	0.80	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	3392	0.56	ng		0.00
5) Phenol-d6	7.04	99	5245	0.59	ng		0.00
8) Nitrobenzene-d5	9.03	82	3638	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	7554	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1351	0.69	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	10020	0.26	ng		0.00
25) Fluoranthene-d10	19.26	212	79223	0.32	ng		0.00
29) Terphenyl-d14	19.85	244	15824	0.25	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.72	128	281282	2.162	ng		100
12) 2-Methylnaphthalene	12.34	142	25428	1.169	ng		100
16) Acenaphthylene	14.23	152	81676	2.338	ng		99
17) Acenaphthene	14.57	154	81173	3.382	ng		97
18) Fluorene	15.54	166	117880	3.808	ng		98
22) Pentachlorophenol	16.89	266	435	0.515	ng		95
23) Phenanthrene	17.28	178	1817478	32.497	ng		98
24) Anthracene	17.36	178	598053	12.957	ng		98
26) Fluoranthene	19.29	202	3394499	47.755	ng		98
28) Pyrene	19.65	202	3141183	42.033	ng	#	91
30) Benzo(a)anthracene	21.38	228	2027157	29.238	ng		95
31) Chrysene	21.44	228	1762568	21.407	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	145732	2.931	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.56	276	1209791	16.527	ng	#	94
35) Benzo(b)fluoranthene	23.14	252	2373107	26.963	ng		96
36) Benzo(k)fluoranthene	23.18	252	881322m	9.463	ng		
37) Benzo(a)pyrene	23.79	252	1803565	24.921	ng		96
38) Dibenzo(a,h)anthracene	26.57	278	331532	4.297	ng	#	86
39) Benzo(g,h,i)perylene	27.37	276	1220759	15.128	ng		96

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

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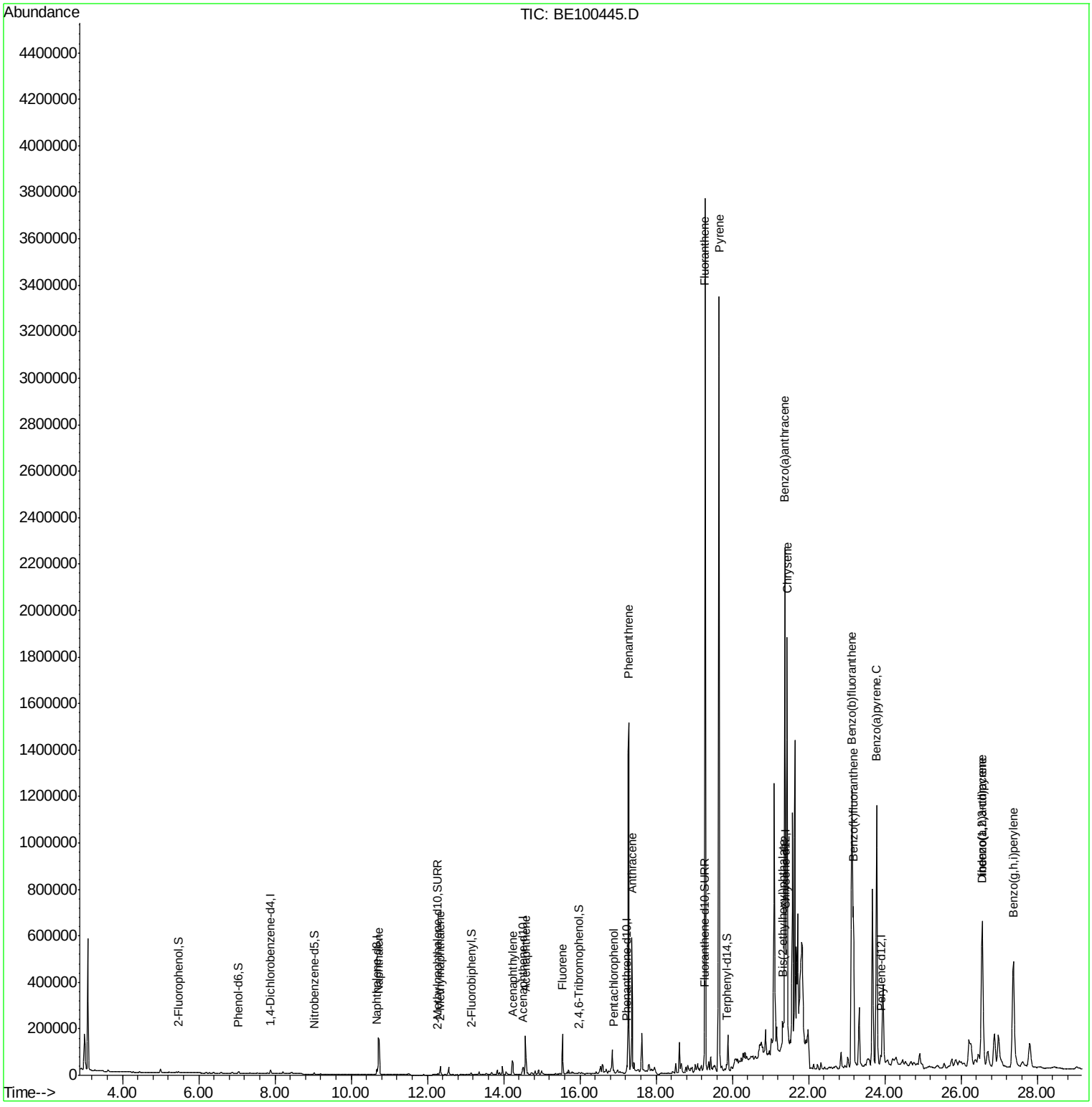
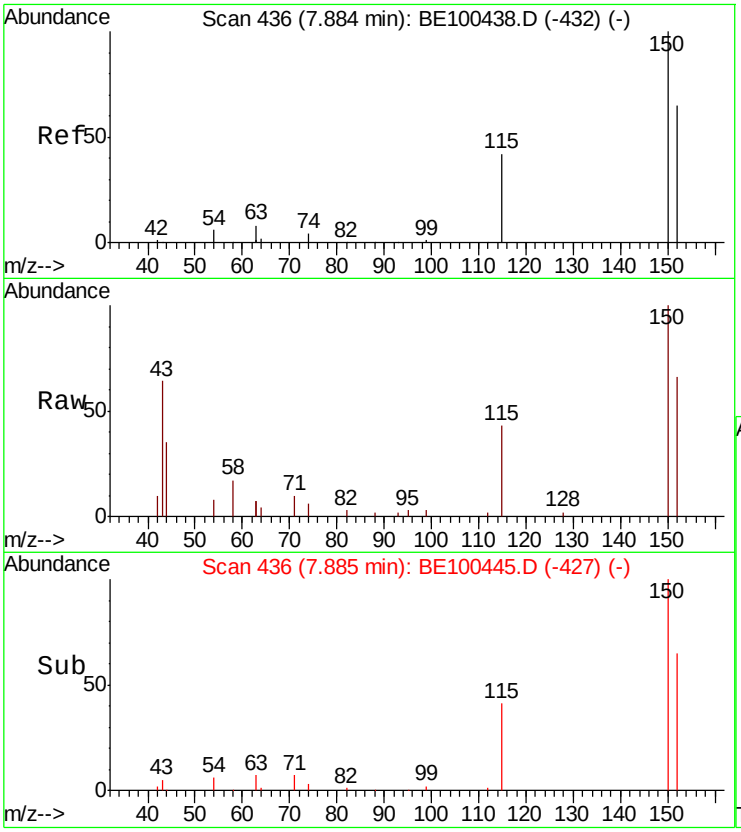
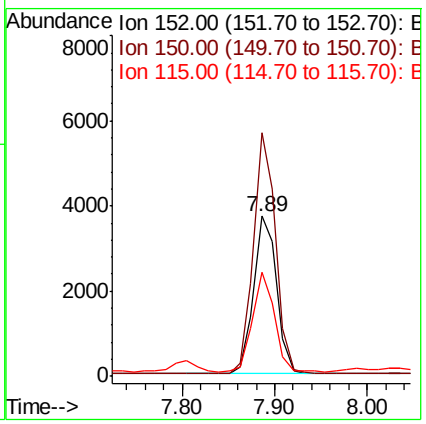




#1
1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:152 Resp: 6357

Ion	Ratio	Lower	Upper
152	100		
150	152.3	121.7	182.5
115	65.5	52.4	78.6



Instrument :
BNA_E
ClientSampleId :
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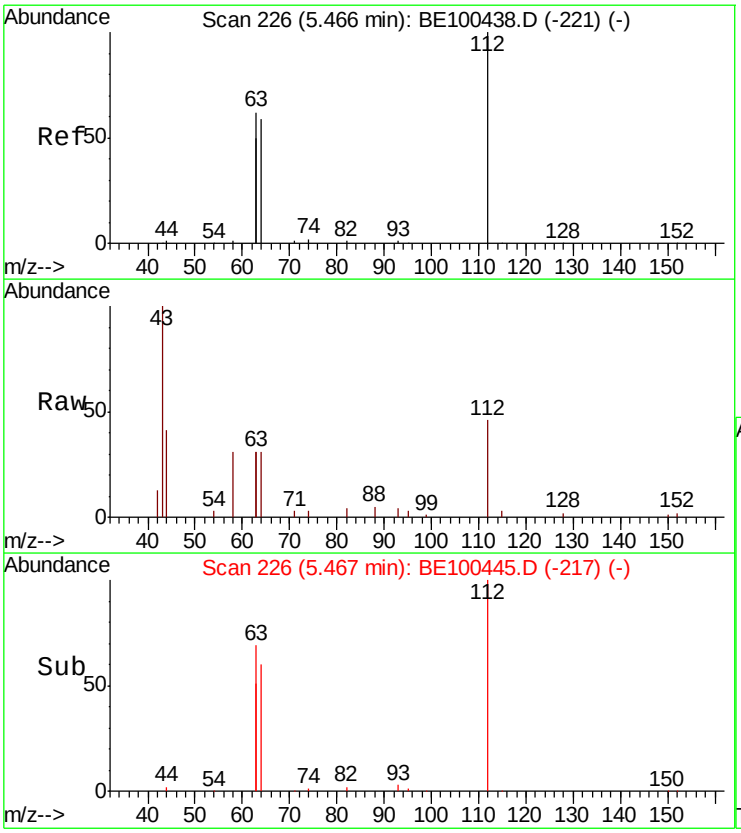
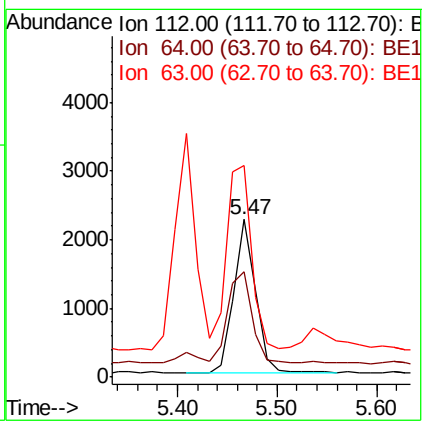
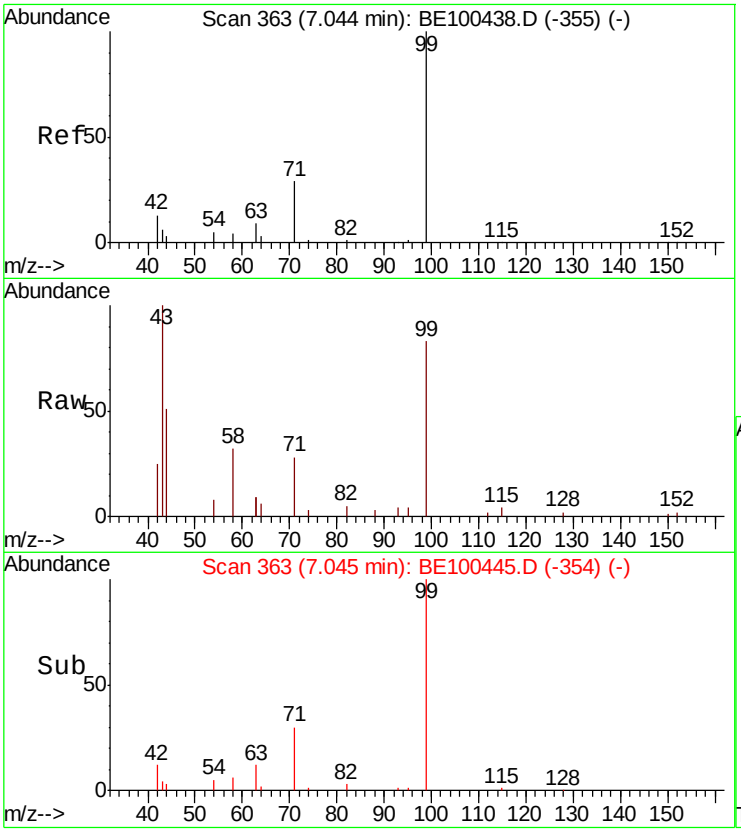


#4
2-Fluorophenol
Concen: 0.561 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:112 Resp: 3392

Ion	Ratio	Lower	Upper
112	100		
64	66.9	55.0	82.4
63	133.4	114.8	172.2

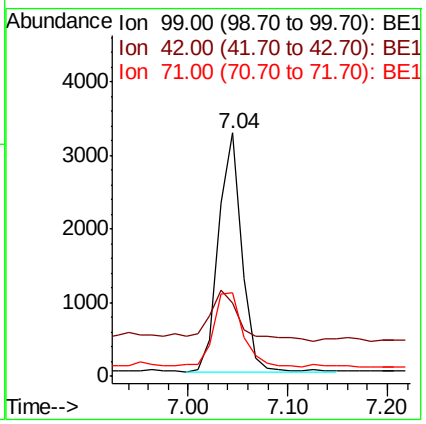




#5
Phenol-d6
Concen: 0.587 ng
RT: 7.04 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion: 99 Resp: 5245

Ion	Ratio	Lower	Upper
99	100		
42	27.2	17.4	26.2#
71	38.7	28.2	42.4



Instrument :
BNA_E
ClientSampleId :
HJDC-COMP3

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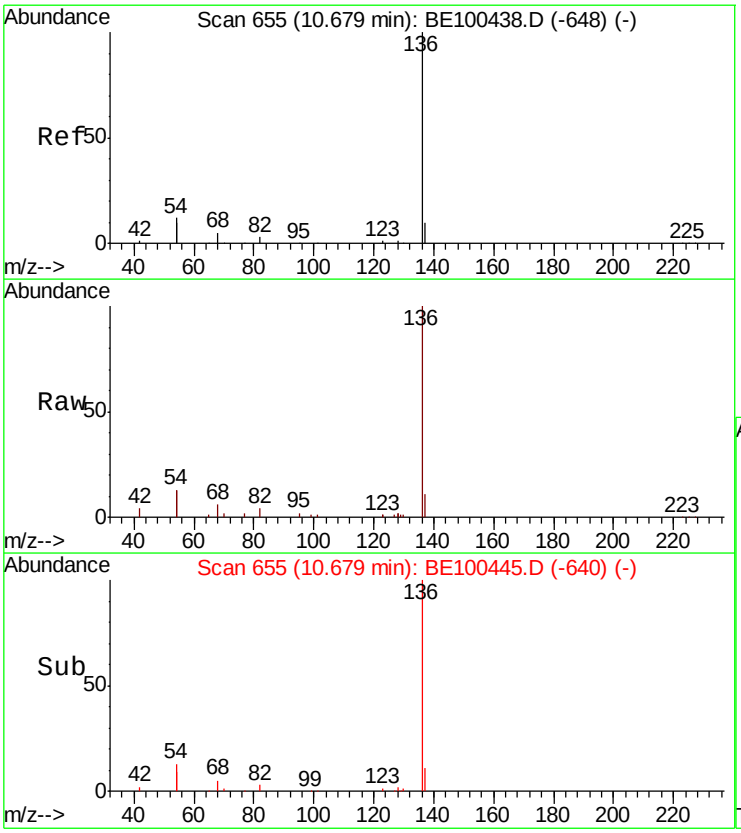
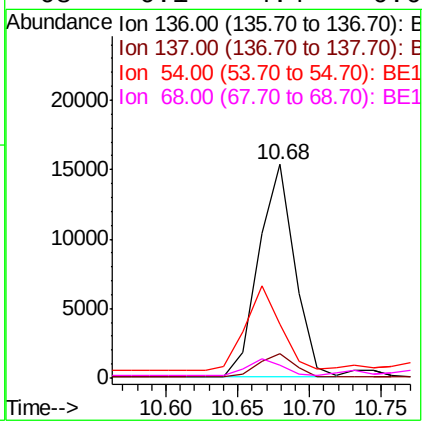
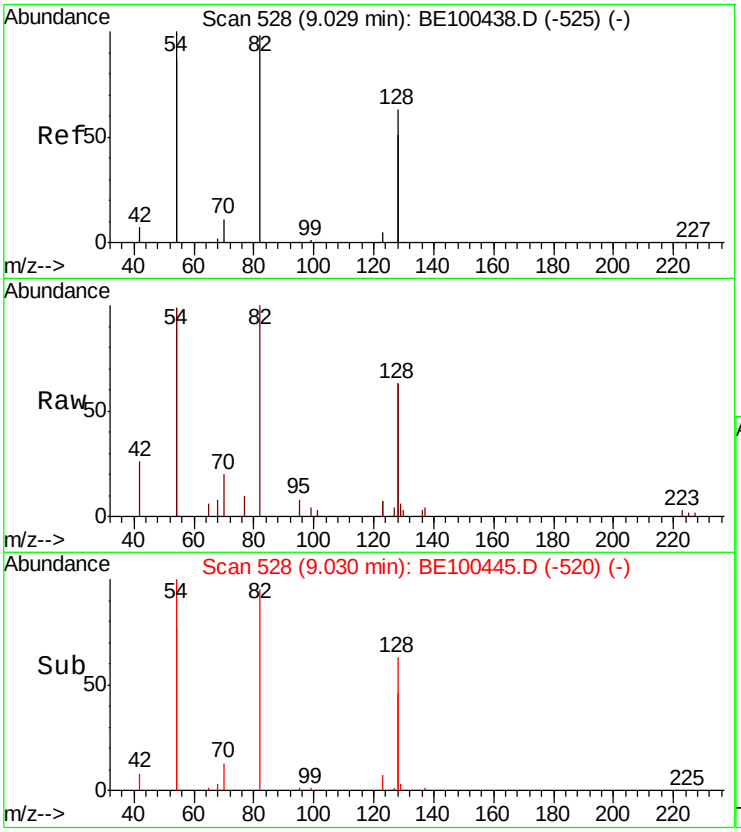


#7
Naphthalene-d8
Concen: 0.800 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:136 Resp: 26706

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	25.2	19.6	29.4
68	6.1	4.4	6.6

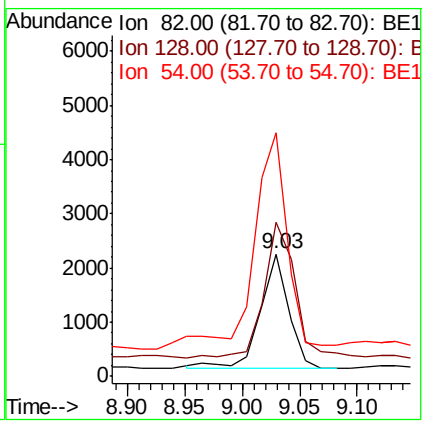




#8
Nitrobenzene-d5
Concen: 0.494 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion: 82 Resp: 3638

Ion	Ratio	Lower	Upper
82	100		
128	125.3	97.9	146.9
54	198.6	155.0	232.6



Instrument :
BNA_E
ClientSampleId :
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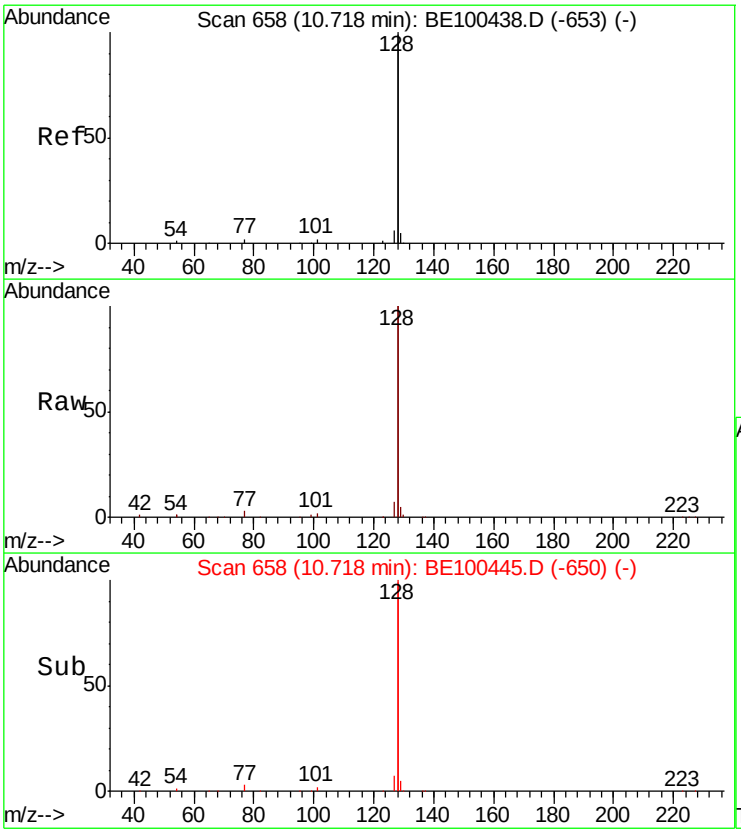
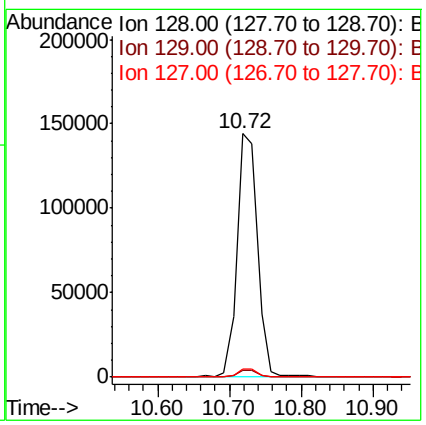
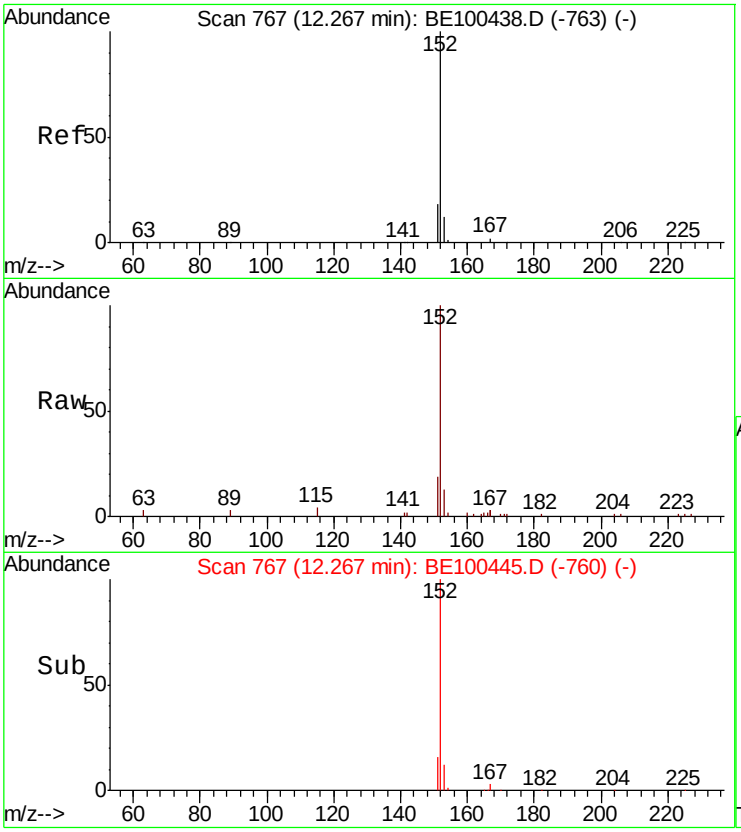


#9
Naphthalene
Concen: 2.162 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:128 Resp: 281282

Ion	Ratio	Lower	Upper
128	100		
129	2.7	2.2	3.4
127	3.4	2.7	4.1

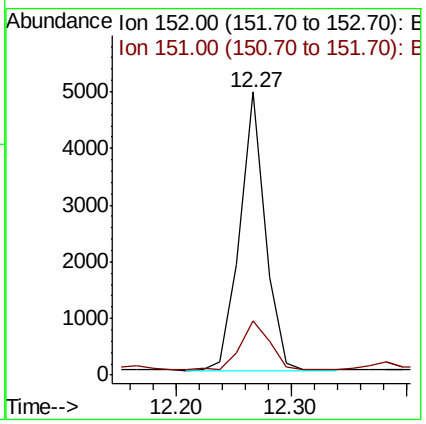




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:152 Resp: 7554

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0



Instrument :
BNA_E
ClientSampleId :
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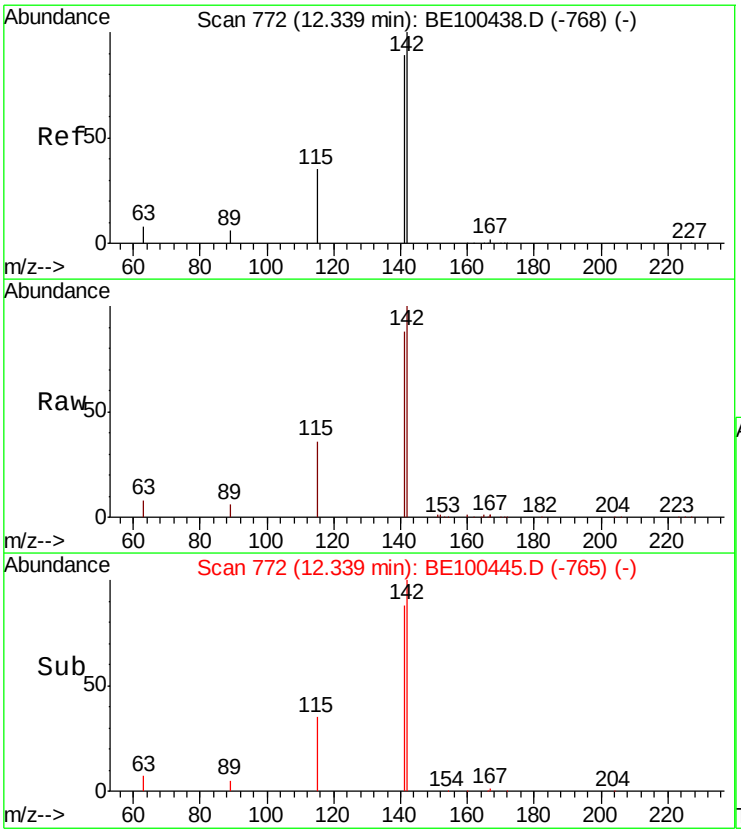
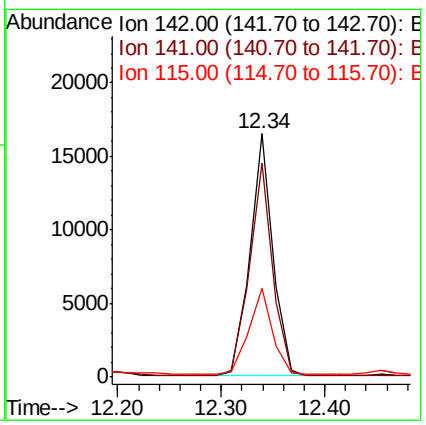
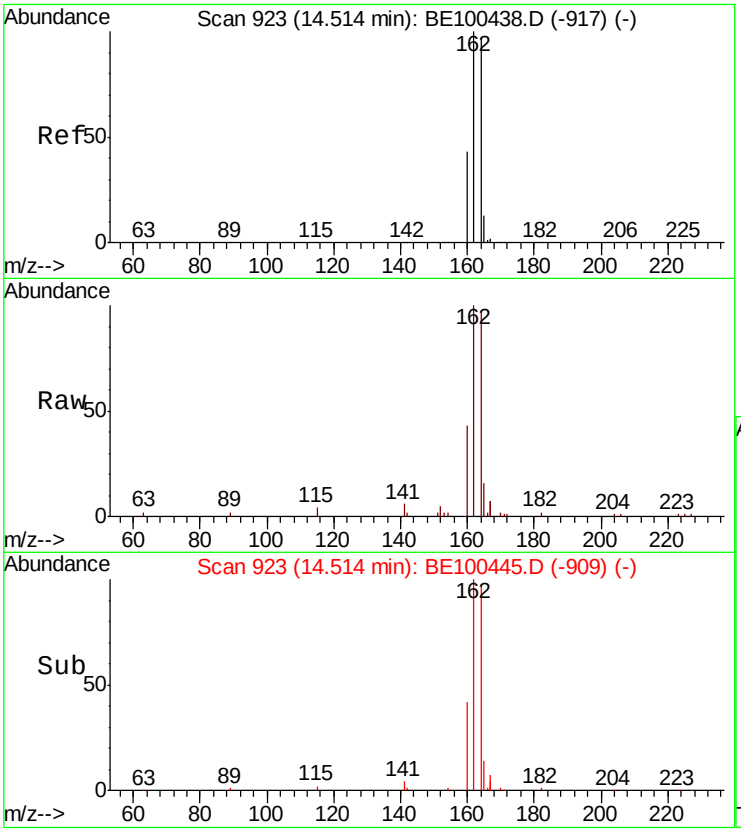


#12
2-Methylnaphthalene
Concen: 1.169 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:142 Resp: 25428

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3
115	36.2	29.0	43.4

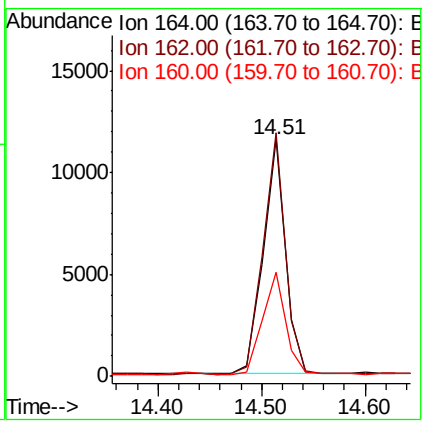




#13
Acenaphthene-d10
Concen: 0.800 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:164 Resp: 17273

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	124.0
160	44.1	35.6	53.4



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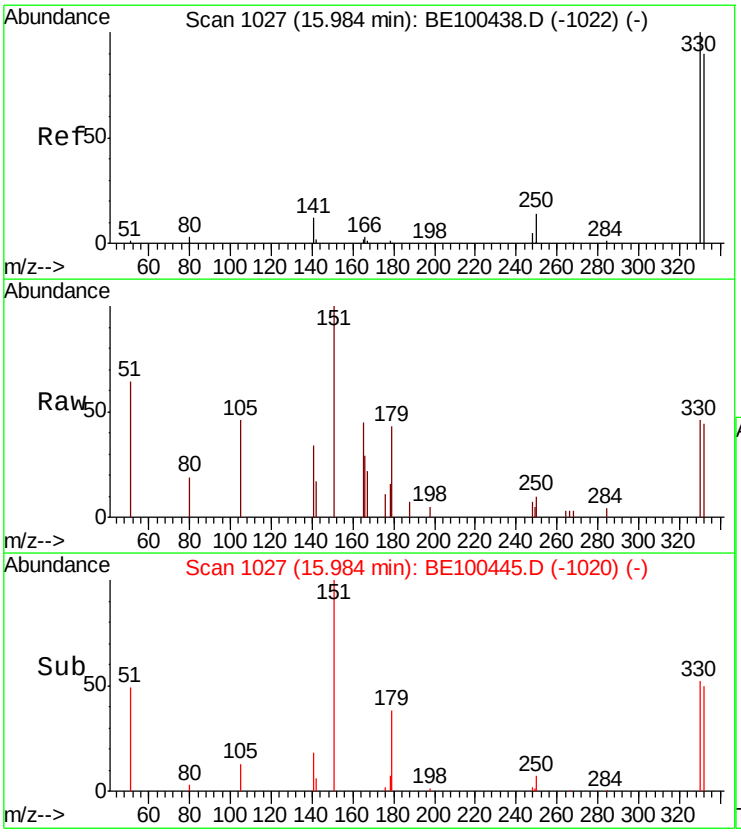
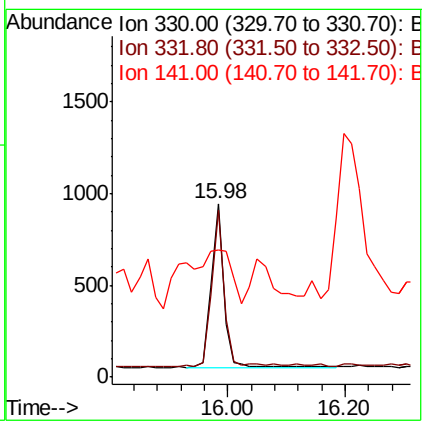
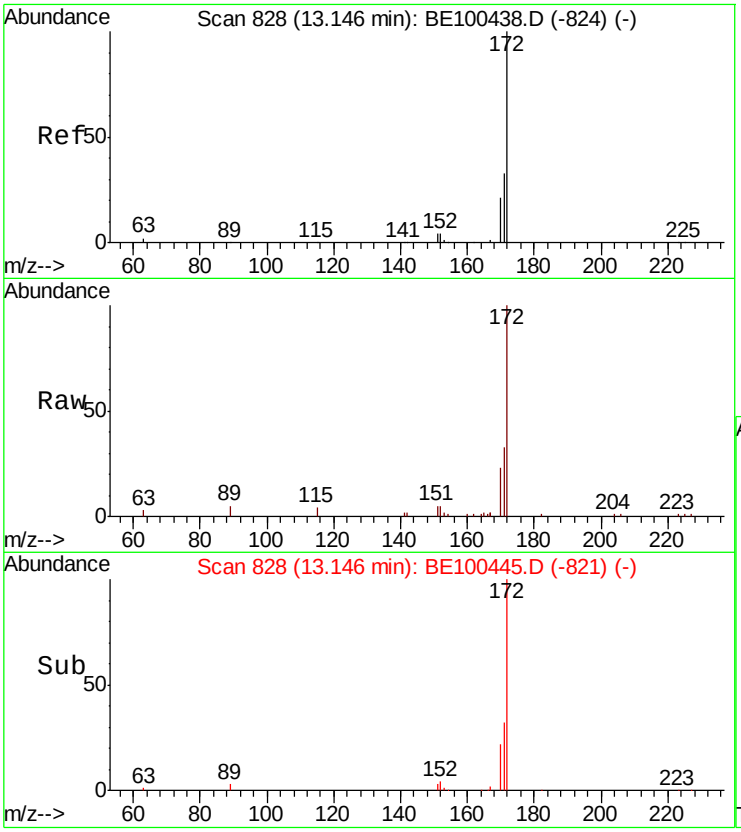


#14
2,4,6-Tribromophenol
Concen: 0.692 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:330 Resp: 1351

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.3	114.5
141	70.9	28.1	42.1#

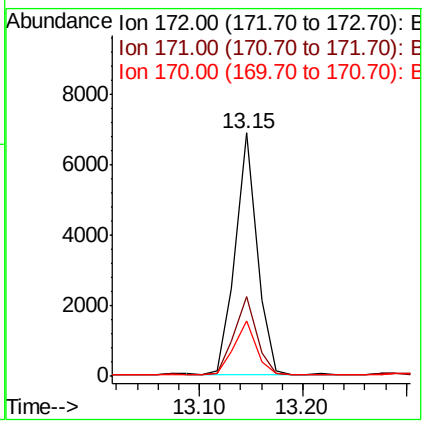




#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:172 Resp: 10020

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.0	40.4
170	22.5	17.4	26.0



Instrument :
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ClientSampleId :
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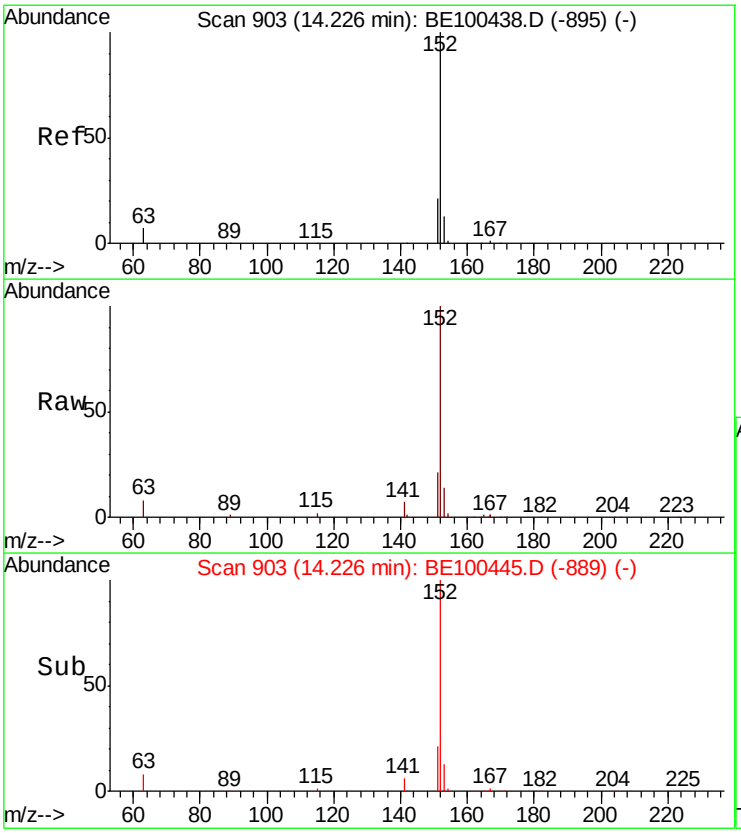
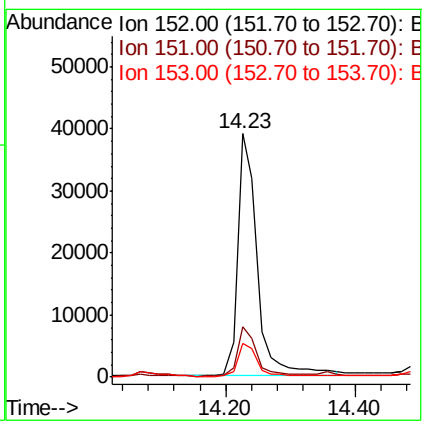
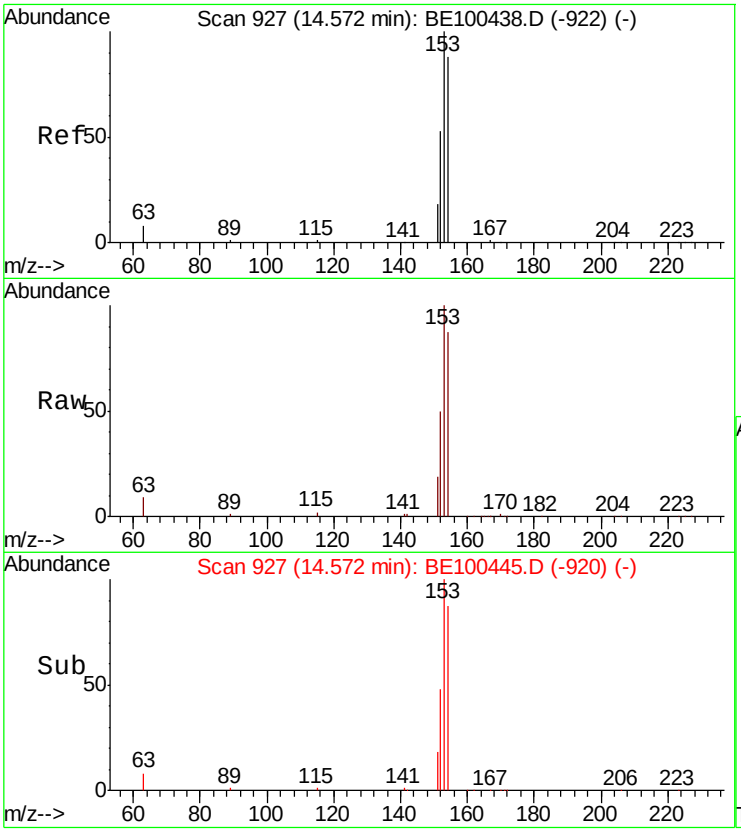


#16
Acenaphthylene
Concen: 2.338 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:152 Resp: 81676

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.9	10.4	15.6

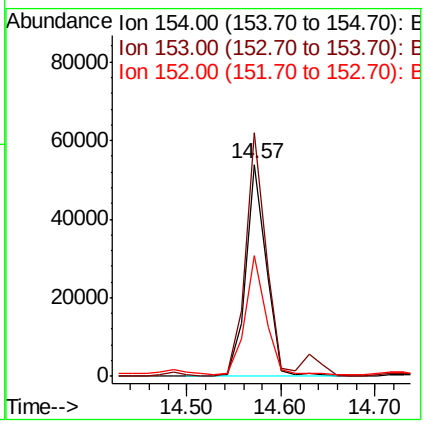




#17
Acenaphthene
Concen: 3.382 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:154 Resp: 81173

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.0	136.4
152	56.5	49.4	74.2



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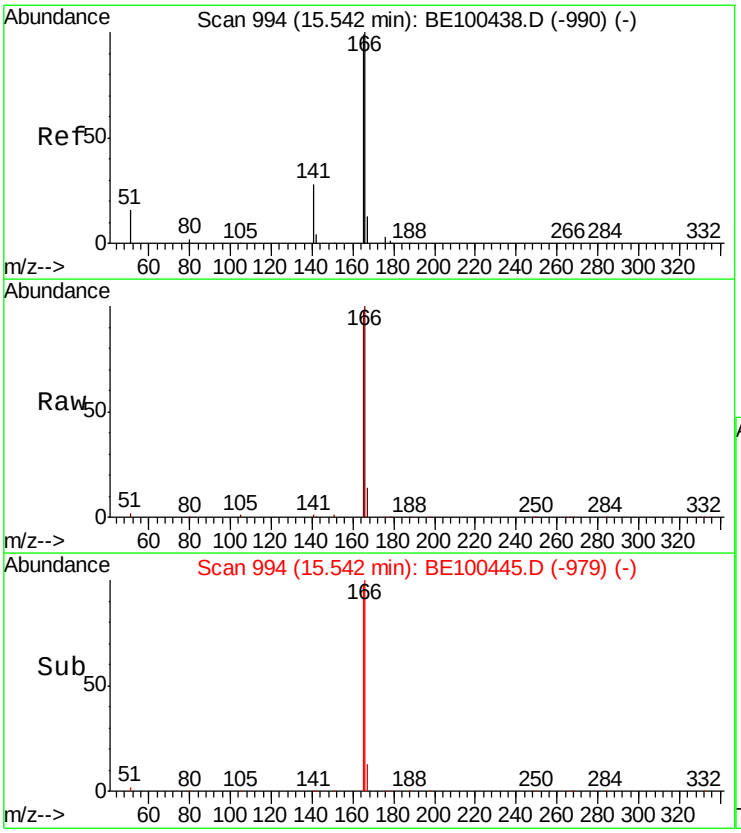
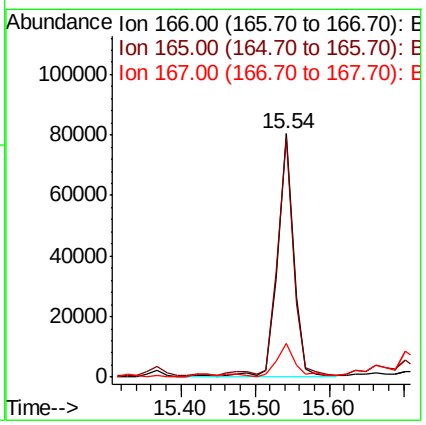
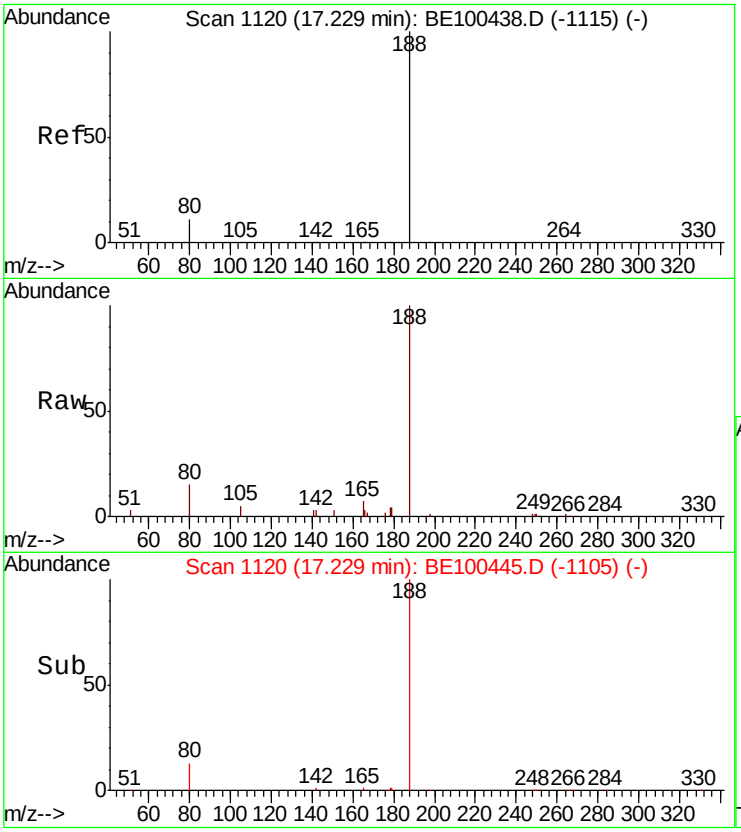


#18
Fluorene
Concen: 3.808 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:166 Resp: 117880

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.6	119.4
167	14.9	10.6	15.8





#19
Phenanthrene-d10
Concen: 0.800 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:188 Resp: 41980

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	9.2	13.8#

Instrument :
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ClientSampleId :
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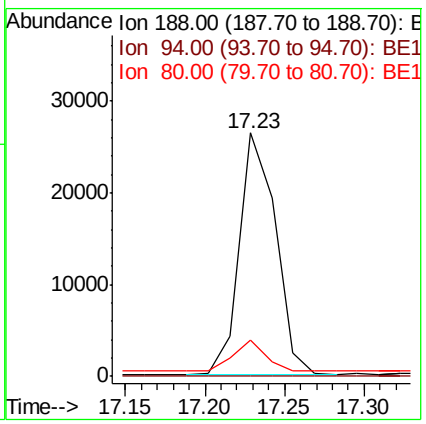
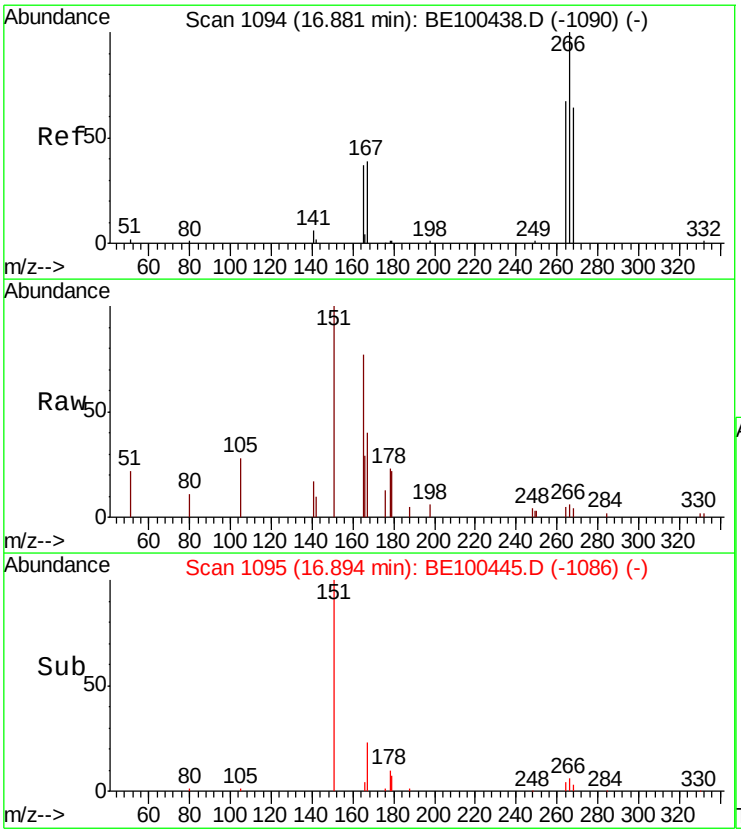
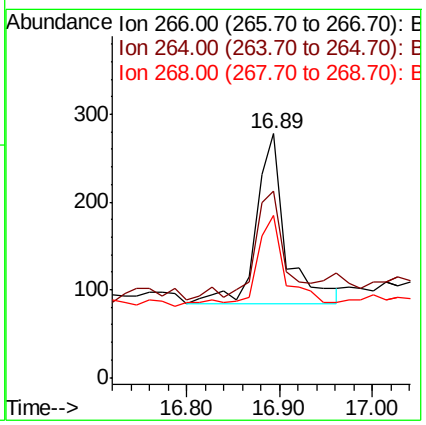


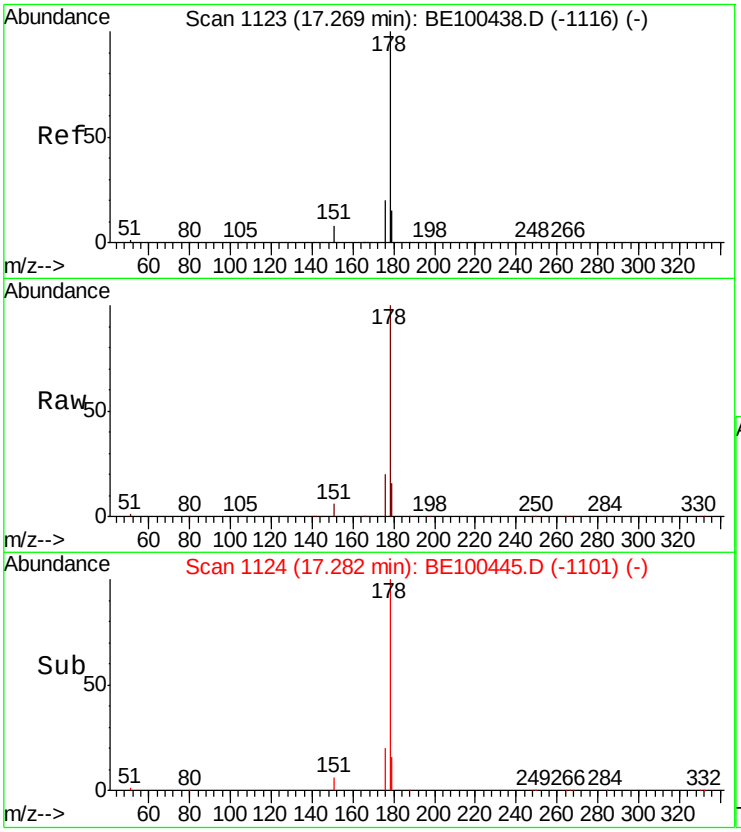


#22
Pentachlorophenol
Concen: 0.515 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:266 Resp: 435

Ion	Ratio	Lower	Upper
266	100		
264	76.6	56.2	84.2
268	66.5	54.9	82.3

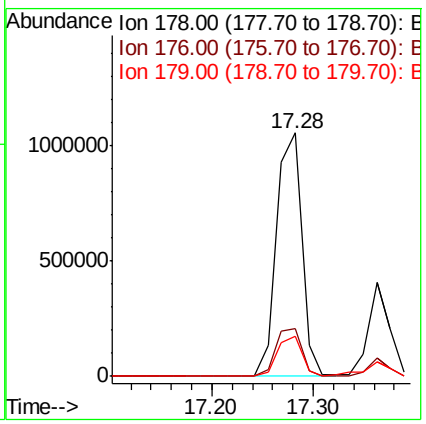




#23
Phenanthrene
Concen: 32.497 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:178 Resp: 1817478

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.0	12.4	18.6



Instrument :
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ClientSampleId :
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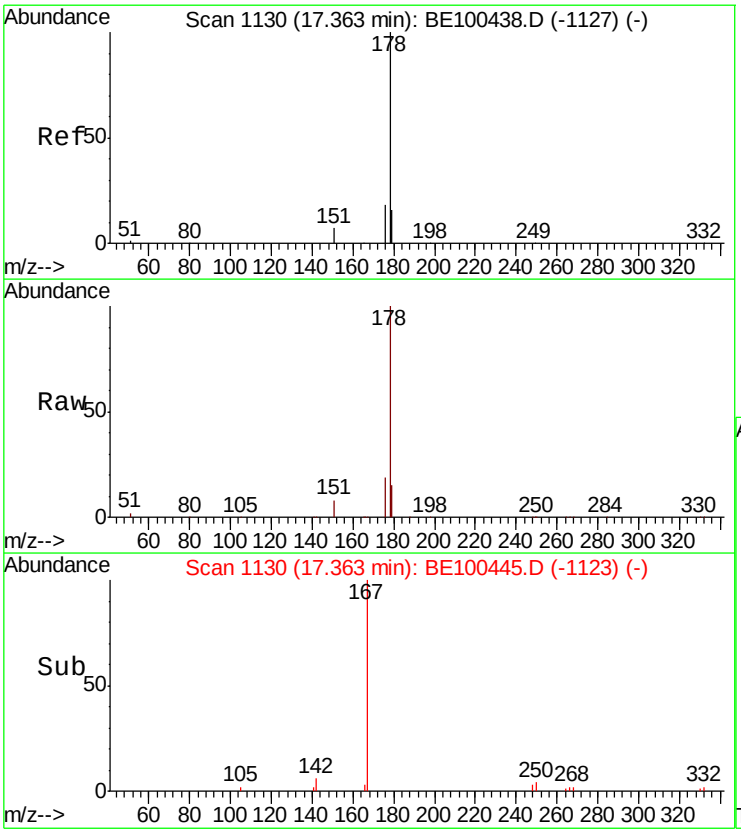
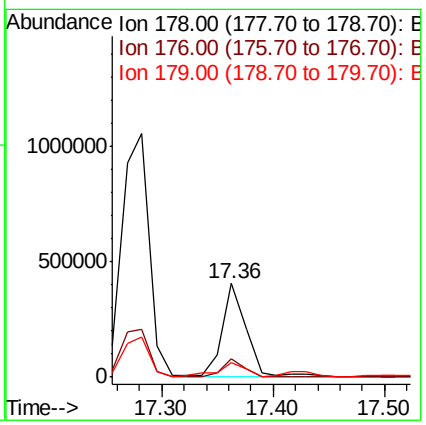
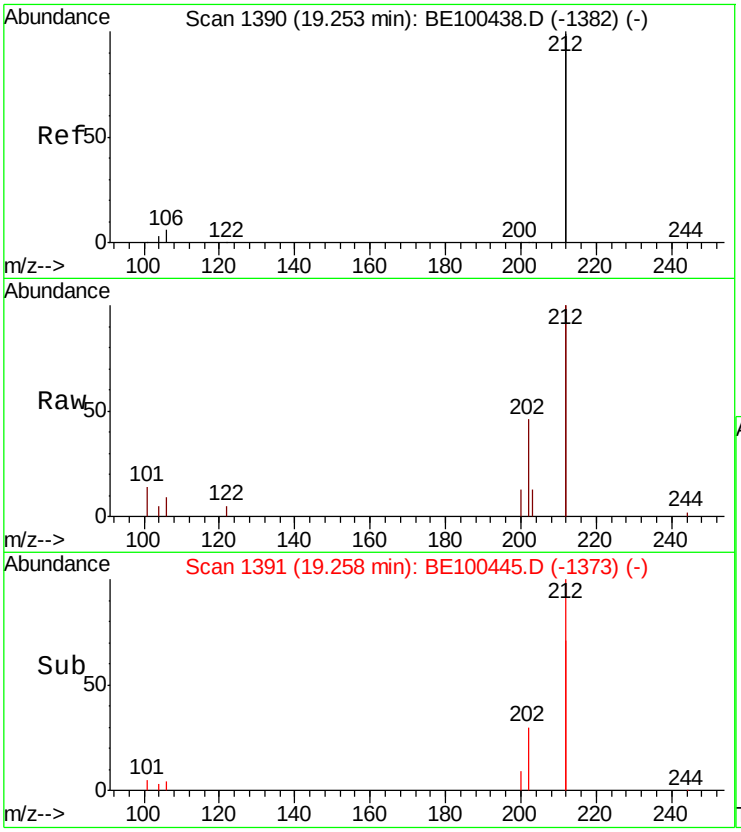


#24
Anthracene
Concen: 12.957 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:178 Resp: 598053

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	17.7	12.3	18.5

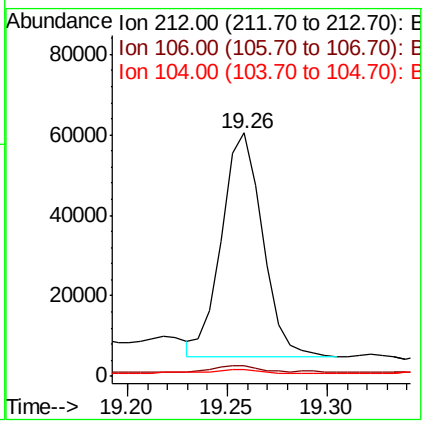




#25
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:212 Resp: 79223

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	2.6	1.4	2.2#



Instrument :
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ClientSampleId :
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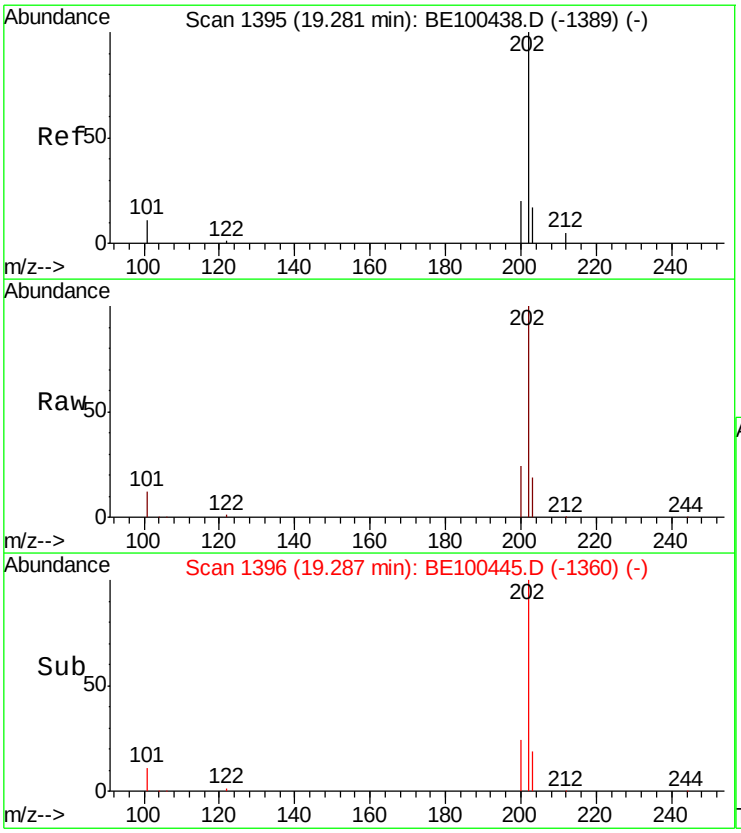
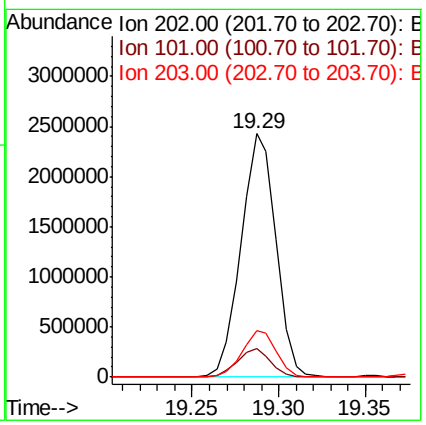
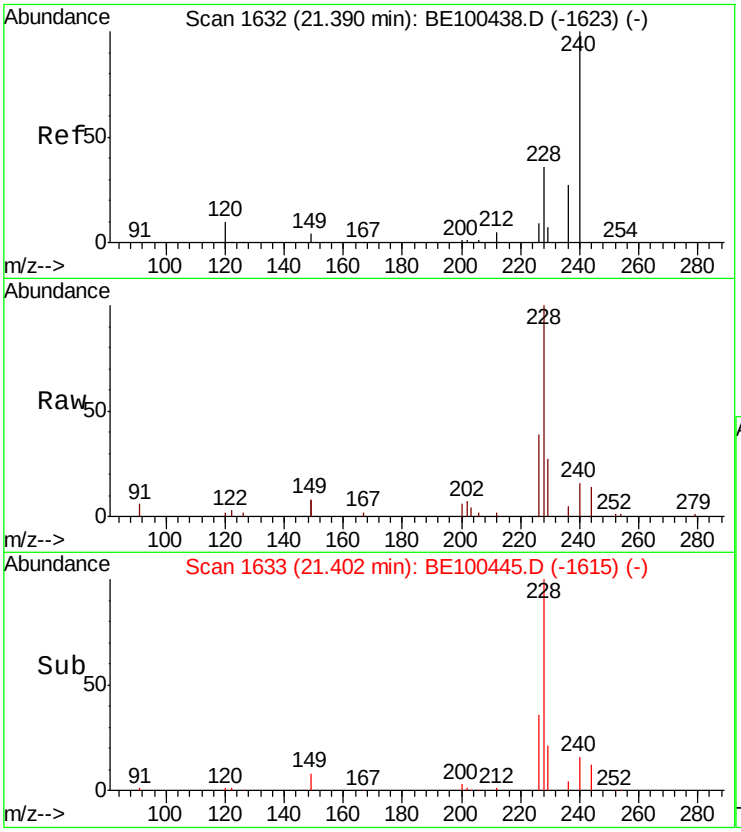


#26
Fluoranthene
Concen: 47.755 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:202 Resp: 3394499

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	18.7	13.8	20.6

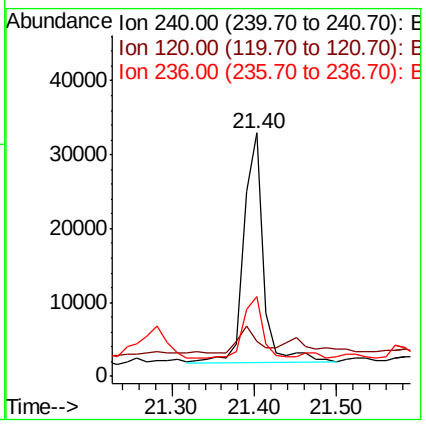




#27
Chrysene-d12
Concen: 0.800 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:240 Resp: 51092

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.8	13.2#
236	32.7	22.0	33.0



Instrument :
BNA_E
ClientSampleId :
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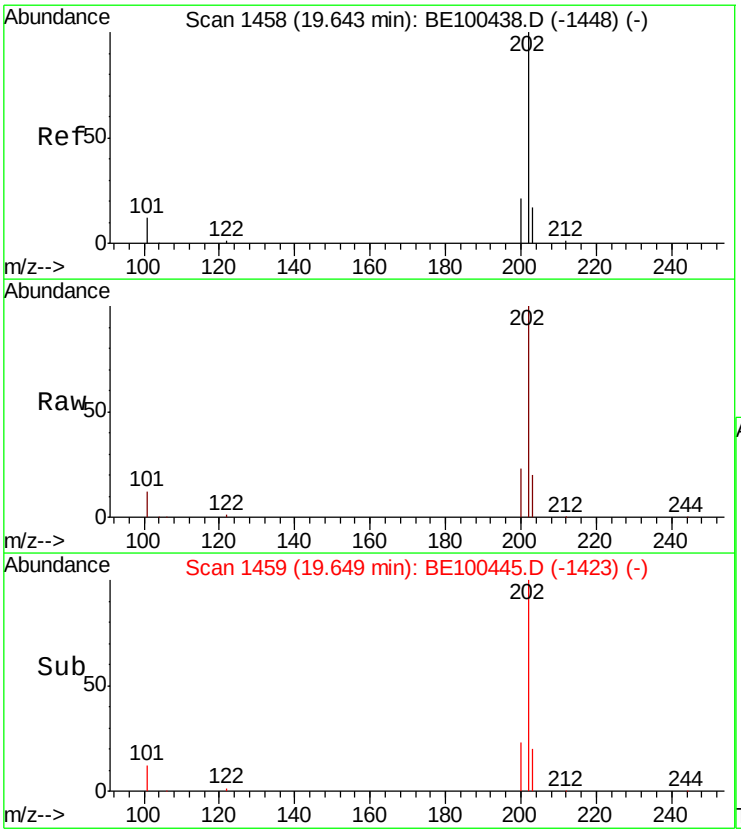
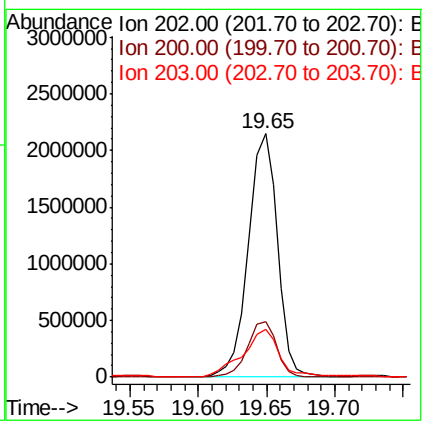
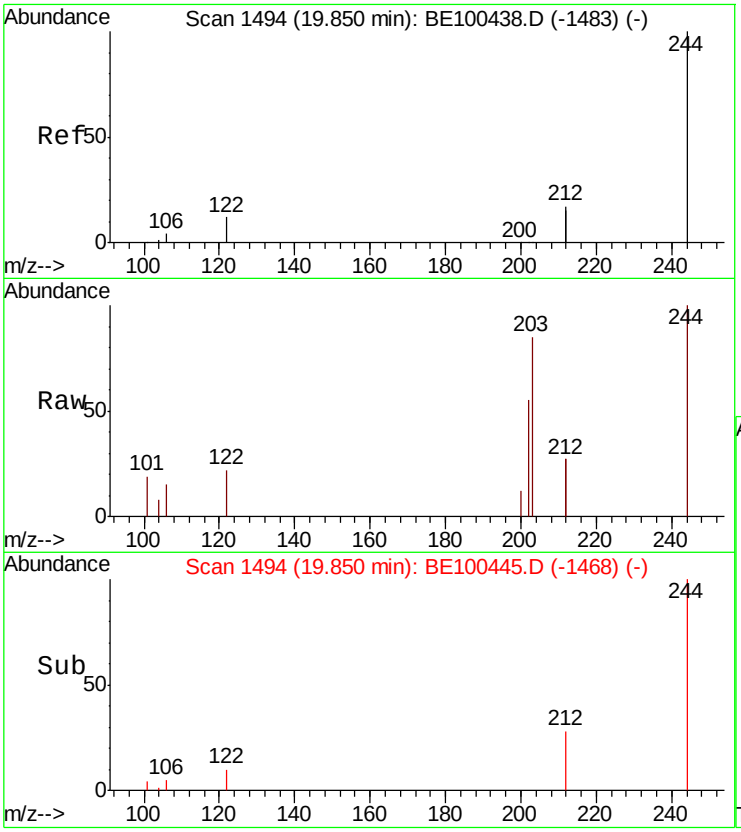


#28
Pyrene
Concen: 42.033 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:202 Resp: 3141183

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.8	25.2
203	24.3	13.8	20.8#

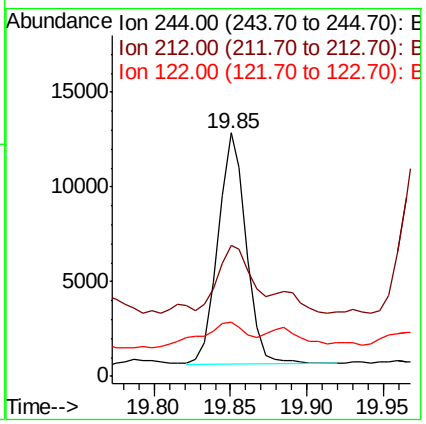




#29
Terphenyl-d14
Concen: 0.253 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:244 Resp: 15824

Ion	Ratio	Lower	Upper
244	100		
212	53.9	26.3	39.5#
122	22.3	9.4	14.2#



Instrument :
BNA_E
ClientSampleId :
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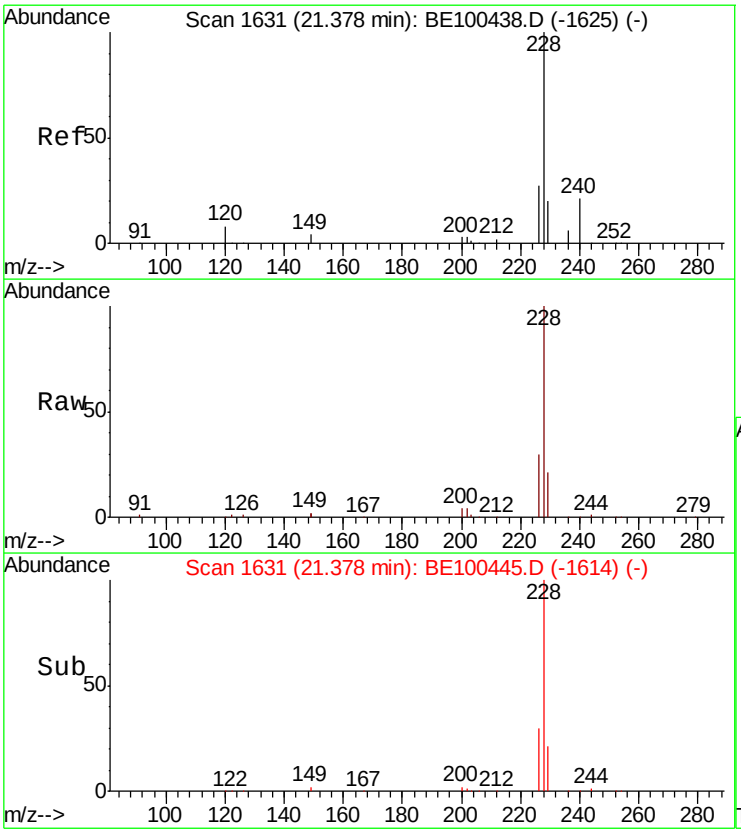
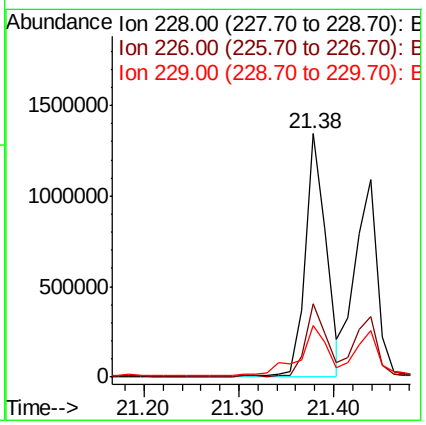
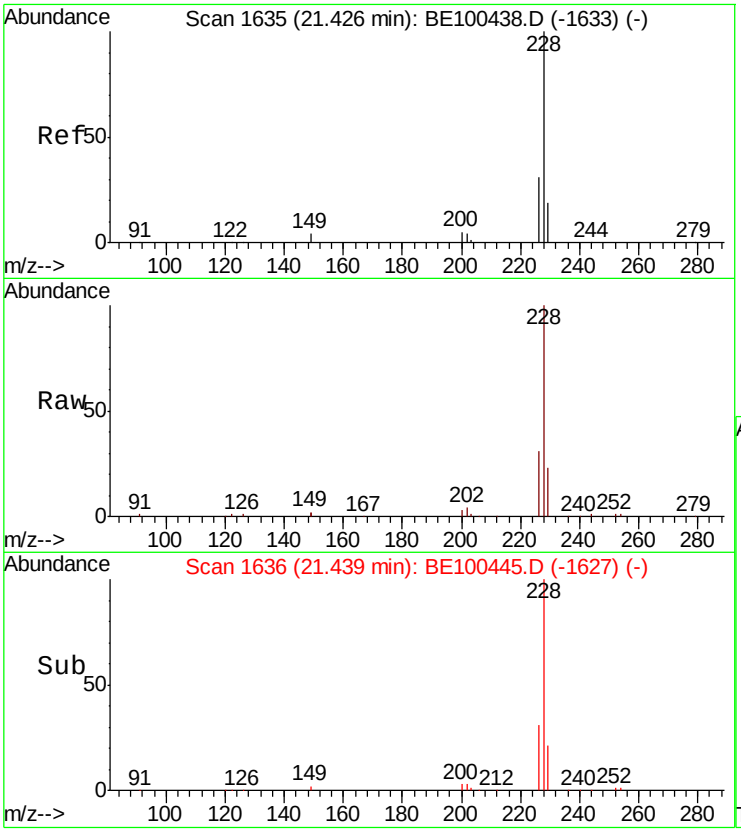


#30
Benzo(a)anthracene
Concen: 29.238 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:228 Resp: 2027157

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.6	32.4
229	21.5	15.8	23.8

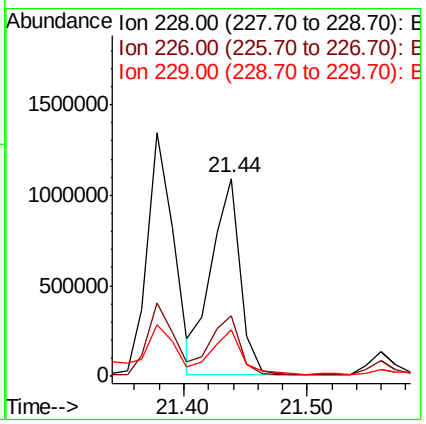




#31
Chrysene
Concen: 21.407 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:228 Resp: 1762568

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	23.3	15.8	23.6



Instrument :
BNA_E
ClientSampleId :
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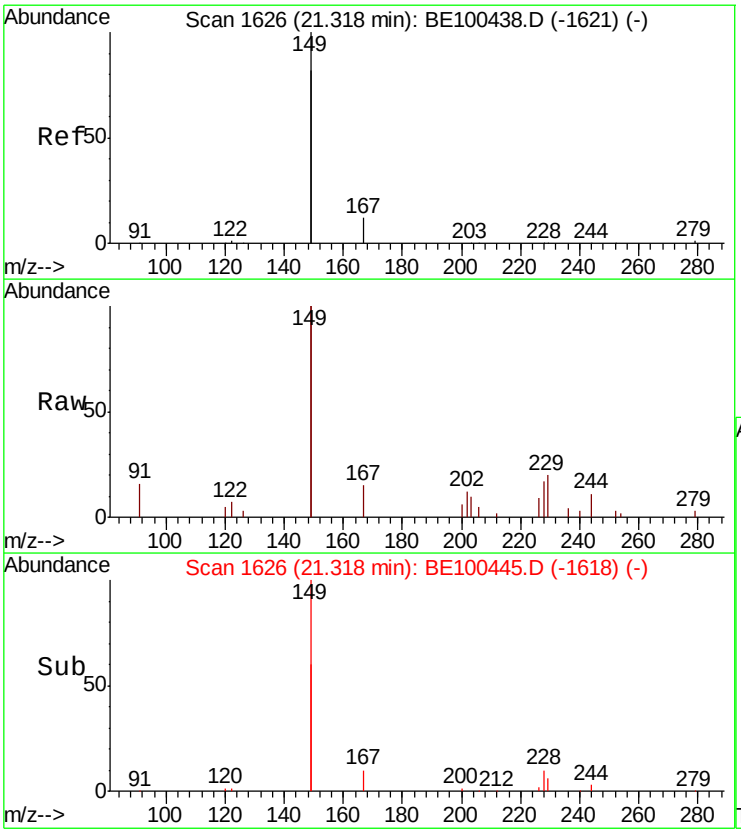
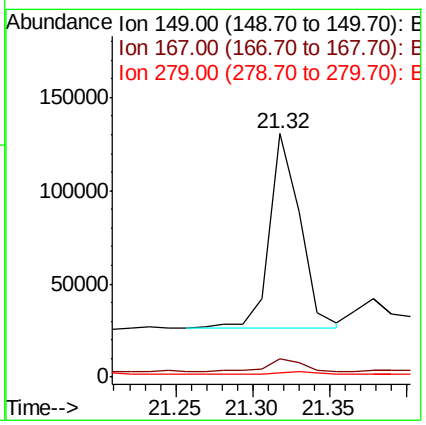
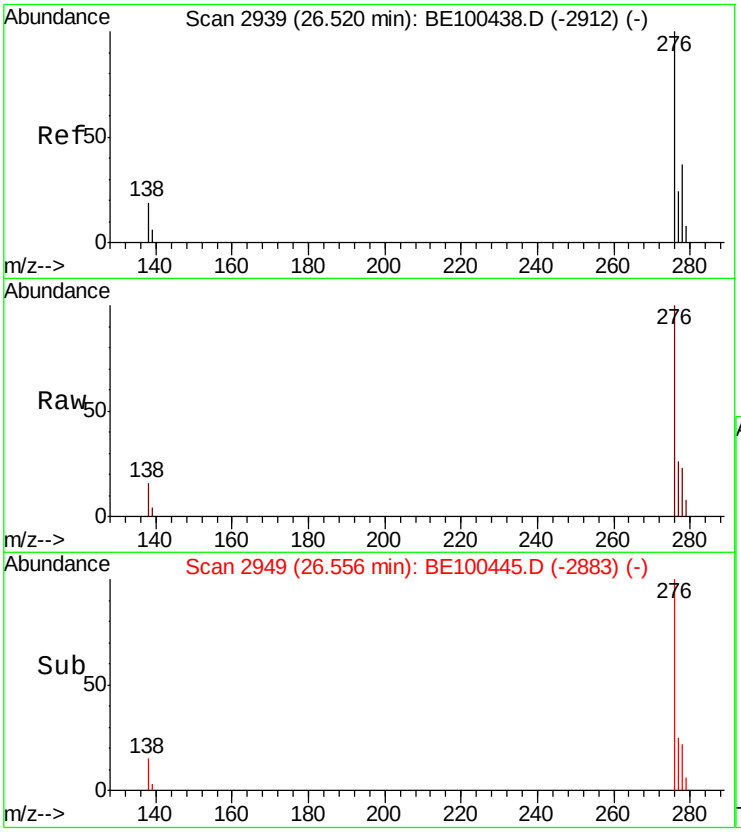


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.931 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:149 Resp: 145732

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.0	7.6
279	1.2	1.2	1.8#

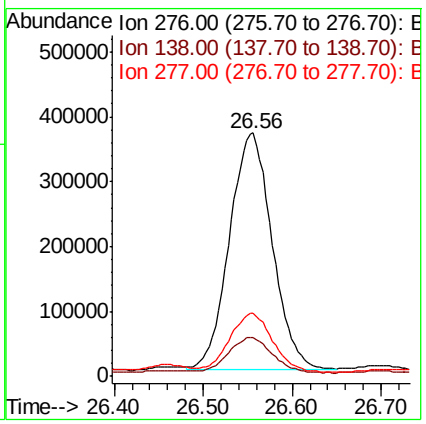




#33
Indeno(1,2,3-cd)pyrene
Concen: 16.527 ng
RT: 26.56 min Scan# 2949
Delta R.T. 0.04 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:276 Resp: 1209791

Ion	Ratio	Lower	Upper
276	100		
138	15.3	17.0	25.6#
277	25.1	19.8	29.6



Instrument :
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ClientSampleId :
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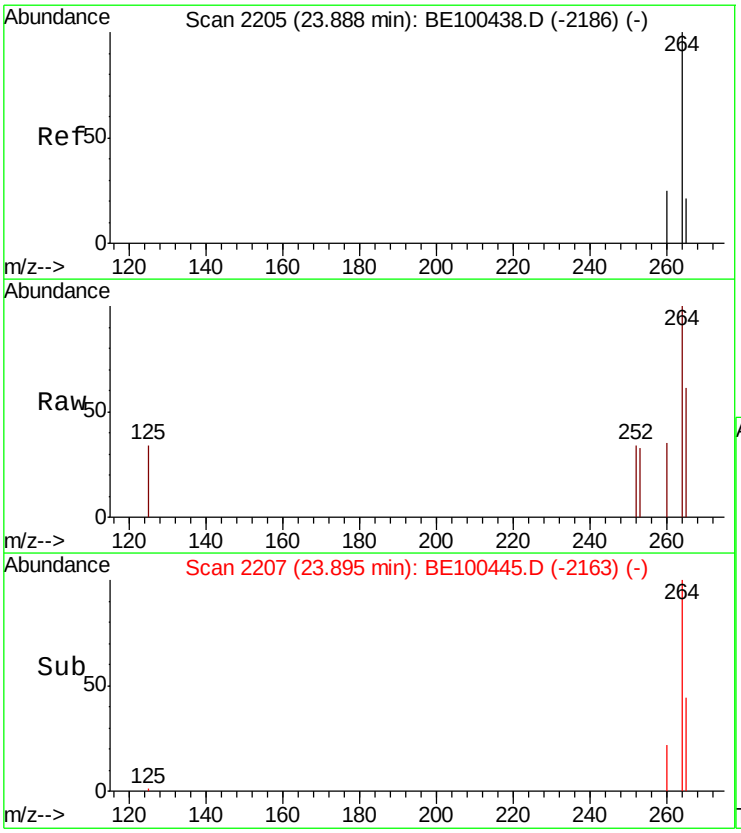
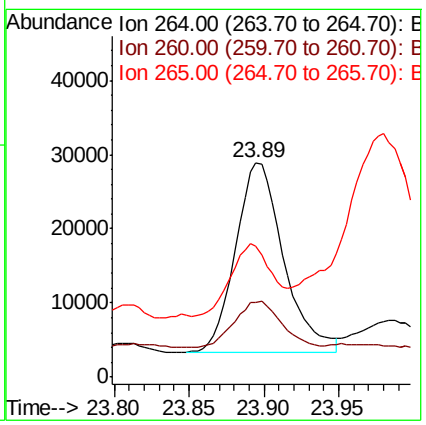
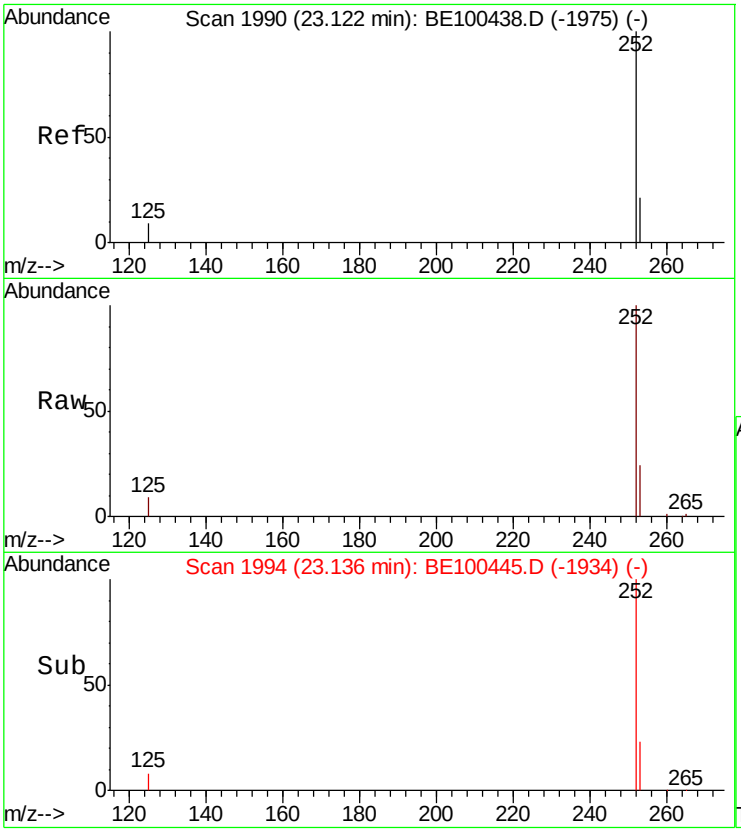


#34
Perylene-d12
Concen: 0.800 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:264 Resp: 57613

Ion	Ratio	Lower	Upper
264	100		
260	35.0	20.0	30.0#
265	61.0	22.2	33.4#

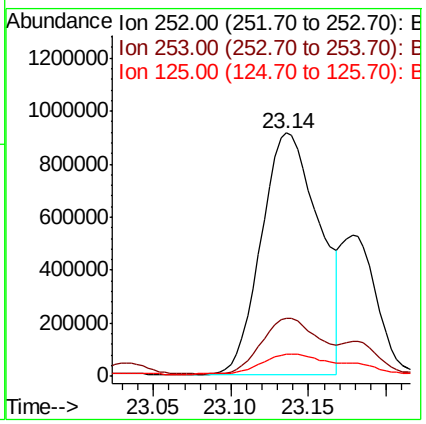




#35
Benzo(b)fluoranthene
Concen: 26.963 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:252 Resp: 2373107

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	9.1	8.0	12.0



Instrument :
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ClientSampleId :
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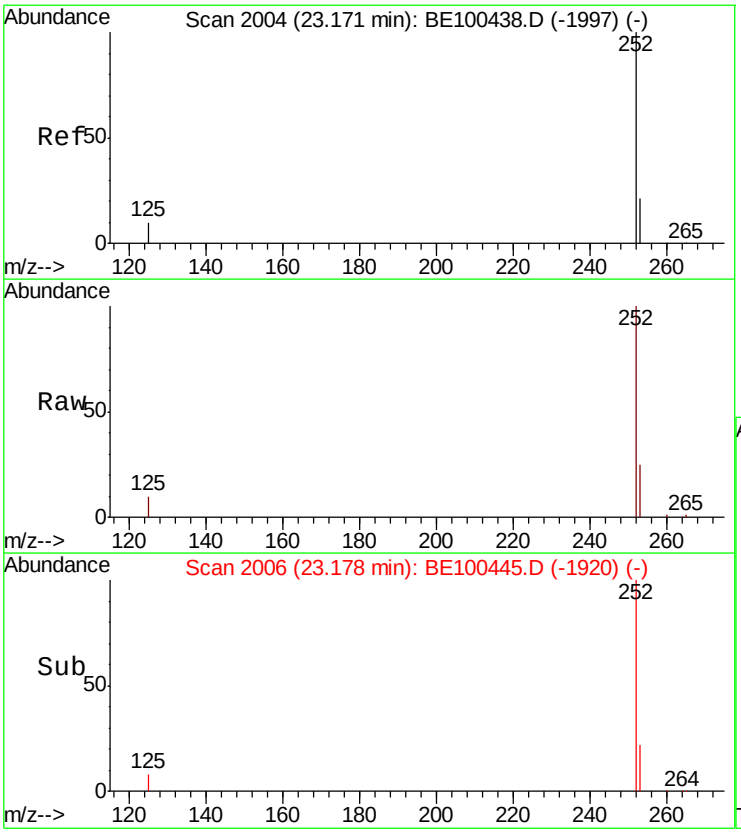
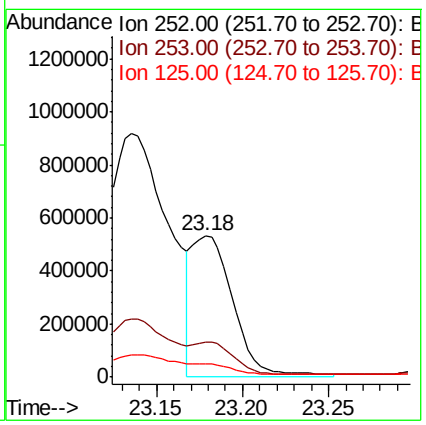
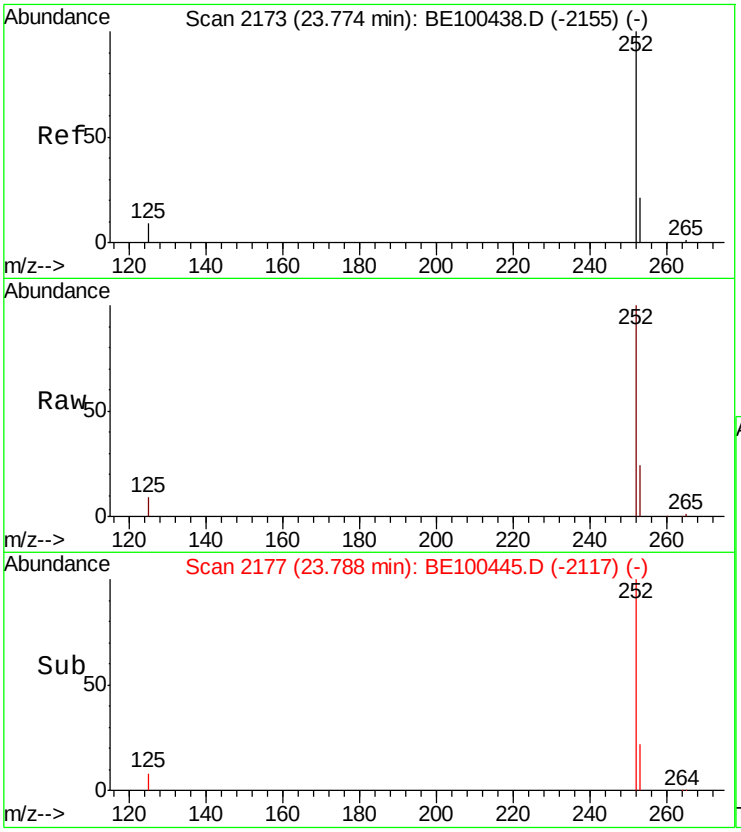


#36
Benzo(k)fluoranthene
Concen: 9.463 ng m
RT: 23.18 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:252 Resp: 881322

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.7	26.5
125	9.6	8.3	12.5





#37
Benzo(a)pyrene
Concen: 24.921 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:252 Resp: 1803565

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	9.4	9.0	13.6

Instrument :
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ClientSampleId :
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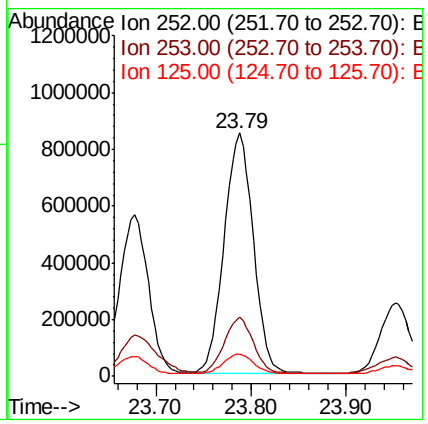
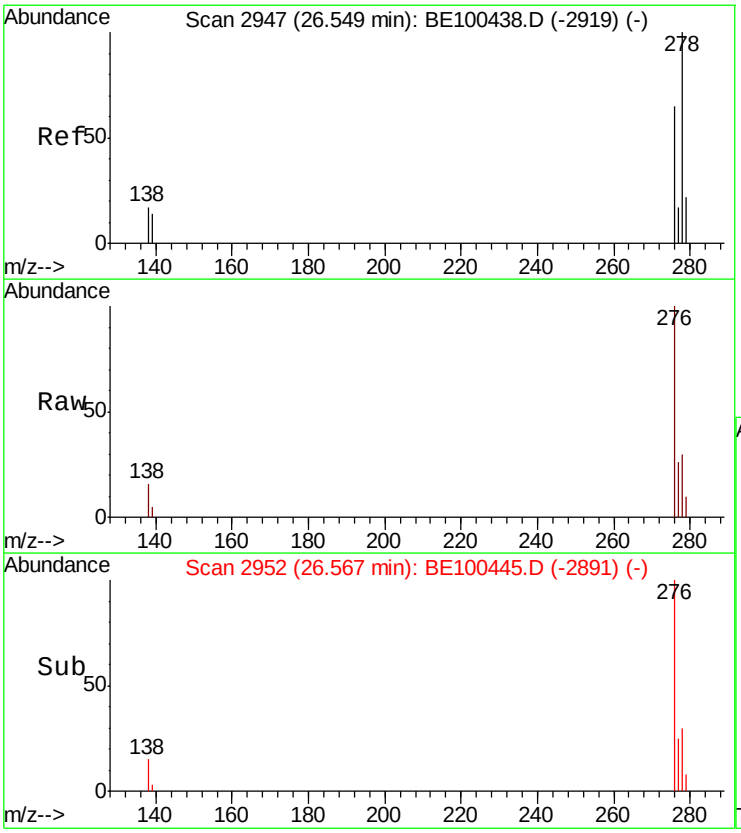
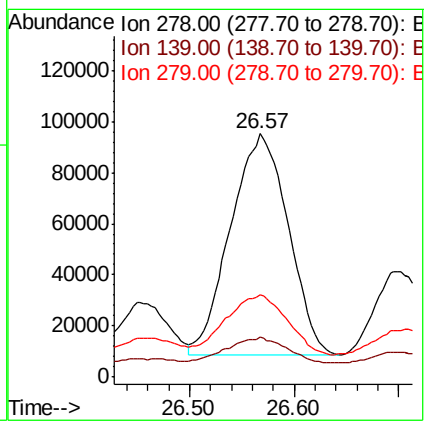


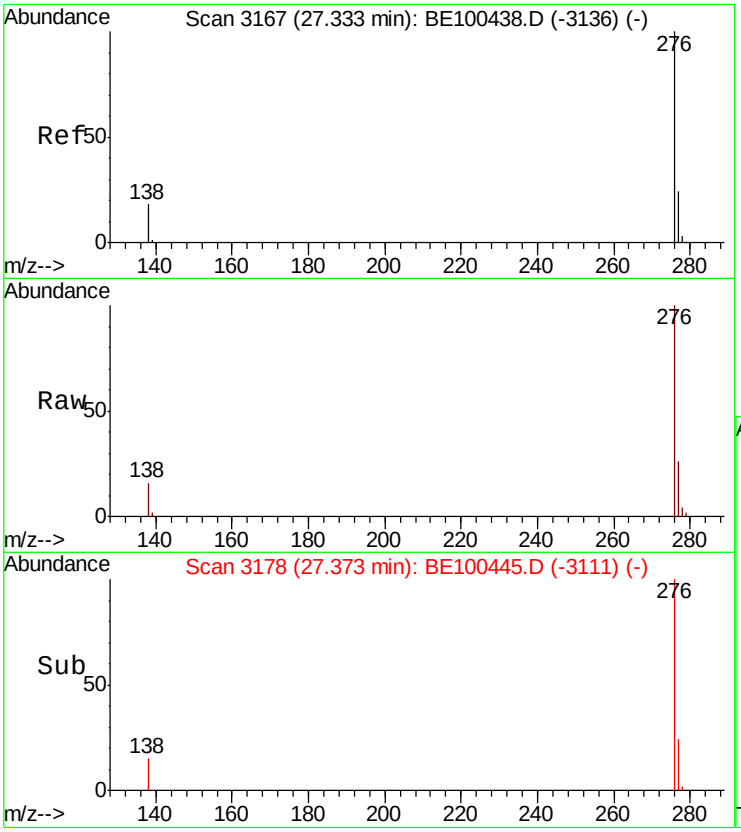


#38
Dibenzo(a,h)anthracene
Concen: 4.297 ng
RT: 26.57 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:278 Resp: 331532

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.2	18.2
279	33.6	18.6	27.8#

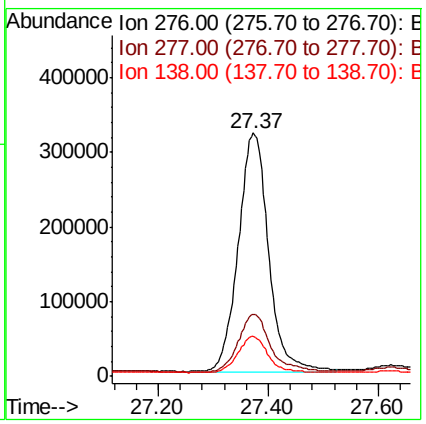




#39
Benzo(g,h,i)perylene
Concen: 15.128 ng
RT: 27.37 min Scan# 3178
Delta R.T. 0.04 min
Lab File: BE100445.D
Acq: 16 Jul 2019 17:11

Tgt Ion:276 Resp: 1220759

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.6	29.4
138	16.2	15.1	22.7



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